

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012726.D
 Acq On : 27 Feb 2023 10:13
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2023
 Supervised By : Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	120482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	180186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	160627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63269	44.463	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.920%		
35) Dibromofluoromethane	7.722	113	61147	50.243	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.480%		
50) Toluene-d8	10.179	98	229398	50.312	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.483	95	74539	51.086	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	55321	44.662	ug/l	99
3) Chloromethane	2.113	50	61845	41.229	ug/l	99
4) Vinyl Chloride	2.253	62	60495	44.201	ug/l	98
5) Bromomethane	2.650	94	36541	48.750	ug/l	98
6) Chloroethane	2.796	64	37008	42.477	ug/l	95
7) Trichlorofluoromethane	3.131	101	104919	47.557	ug/l	97
8) Diethyl Ether	3.534	74	36022	45.606	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.906	101	64374	48.827	ug/l	100
10) Methyl Iodide	4.095	142	79377	45.981	ug/l	98
11) Tert butyl alcohol	4.954	59	31119	199.924	ug/l	98
12) 1,1-Dichloroethene	3.875	96	60197	47.295	ug/l	97
13) Acrolein	3.735	56	40582	206.350	ug/l	96
14) Allyl chloride	4.485	41	105328	42.639	ug/l	97
15) Acrylonitrile	5.161	53	96038	228.543	ug/l	99
16) Acetone	3.948	43	135749	292.364	ug/l	97
17) Carbon Disulfide	4.198	76	181534	42.383	ug/l	100
18) Methyl Acetate	4.479	43	63086	42.178	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	159427	46.566	ug/l	98
20) Methylene Chloride	4.716	84	70160	48.197	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	64825	46.823	ug/l	94
22) Diisopropyl ether	6.119	45	207862	45.094	ug/l	98
23) Vinyl Acetate	6.058	43	637825	223.416	ug/l	99
24) 1,1-Dichloroethane	6.015	63	117233	45.866	ug/l	99
25) 2-Butanone	6.984	43	153917	249.762	ug/l	97
26) 2,2-Dichloropropane	6.984	77	104639	46.931	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	72444	47.824	ug/l	95
28) Bromochloromethane	7.332	49	47729	46.633	ug/l	88
29) Tetrahydrofuran	7.344	42	84514	224.631	ug/l	96
30) Chloroform	7.509	83	117890	47.601	ug/l	96
31) Cyclohexane	7.789	56	105481	42.668	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	105777	47.180	ug/l	99
36) 1,1-Dichloropropene	7.917	75	92013	47.697	ug/l	98
37) Ethyl Acetate	7.070	43	56833	43.661	ug/l	98
38) Carbon Tetrachloride	7.905	117	97220	48.740	ug/l	97
39) Methylcyclohexane	9.185	83	110871	49.823	ug/l	96
40) Benzene	8.161	78	261199	48.506	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	30428m	47.995	ug/l	
42) 1,2-Dichloroethane	8.234	62	77306	46.297	ug/l	98
43) Isopropyl Acetate	8.271	43	102397	45.522	ug/l	97
44) Trichloroethene	8.941	130	68726	49.364	ug/l	99
45) 1,2-Dichloropropane	9.216	63	66230	47.815	ug/l	98
46) Dibromomethane	9.307	93	37742	49.361	ug/l	98
47) Bromodichloromethane	9.496	83	90016	48.903	ug/l	100
48) Methyl methacrylate	9.295	41	48068	45.794	ug/l	97
49) 1,4-Dioxane	9.301	88	9702	832.159	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	284447	234.425	ug/l	97
52) Toluene	10.246	92	162220	50.844	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	95069	49.425	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	107848	49.550	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	53193	51.220	ug/l	95
56) Ethyl methacrylate	10.514	69	71728	50.574	ug/l	95
57) 1,3-Dichloropropane	10.789	76	90319	49.481	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	179067	238.450	ug/l	97
59) 2-Hexanone	10.831	43	223543	259.878	ug/l	96
60) Dibromochloromethane	10.984	129	64317	51.117	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50534	50.789	ug/l	100
64) Tetrachloroethene	10.721	164	58527	50.099	ug/l	99
65) Chlorobenzene	11.520	112	170709	49.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	64846	50.799	ug/l	99
67) Ethyl Benzene	11.593	91	310037	50.355	ug/l	99
68) m/p-Xylenes	11.703	106	240299	102.311	ug/l	97
69) o-Xylene	12.032	106	113009	51.948	ug/l	97
70) Styrene	12.044	104	189093	51.860	ug/l	98
71) Bromoform	12.209	173	42069	51.646	ug/l #	98
73) Isopropylbenzene	12.331	105	299051	50.979	ug/l	99
74) N-amyl acetate	12.148	43	89194	46.253	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	65744	49.845	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	42680m	43.128	ug/l	
77) Bromobenzene	12.611	156	69703	49.590	ug/l	96
78) n-propylbenzene	12.672	91	371150	50.582	ug/l	99
79) 2-Chlorotoluene	12.758	91	202561	49.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	244215	49.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	22976	49.185	ug/l	96
82) 4-Chlorotoluene	12.855	91	208281	49.264	ug/l	99
83) tert-Butylbenzene	13.075	119	212302	50.738	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	238289	49.745	ug/l	99
85) sec-Butylbenzene	13.258	105	325341	51.103	ug/l	100
86) p-Isopropyltoluene	13.373	119	263795	50.313	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	135571	49.244	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	135141	48.406	ug/l	99
89) n-Butylbenzene	13.697	91	250382	49.864	ug/l	99
90) Hexachloroethane	13.965	117	52754	49.579	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	122038	49.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10085	46.515	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	72171	46.411	ug/l	100
94) Hexachlorobutadiene	15.117	225	43183	46.013	ug/l	99
95) Naphthalene	15.239	128	148732	47.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62871	45.677	ug/l	99

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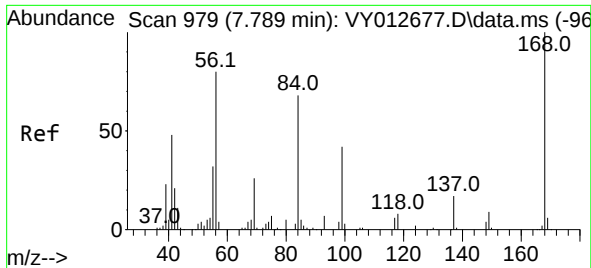
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 02/28/2023

Quant Time: Feb 28 00:20:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

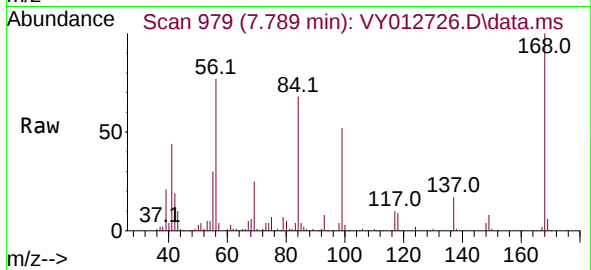
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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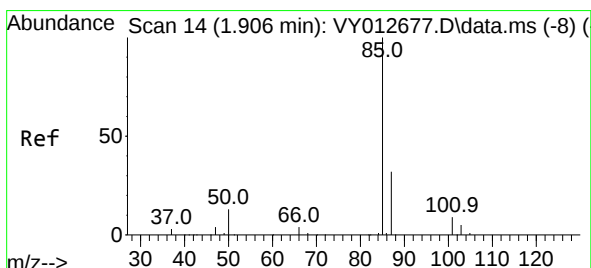
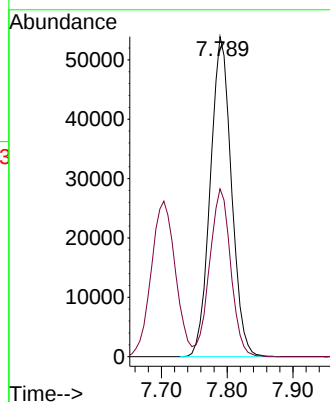
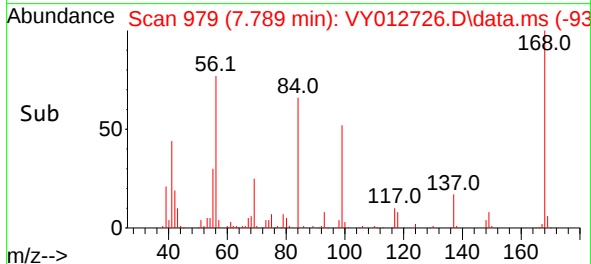
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 12048
Ion Ratio Lower Upper
168 100
99 52.4 45.4 68.2

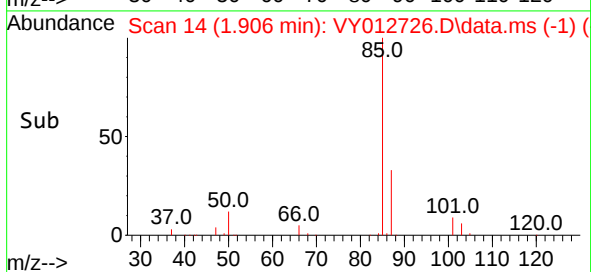
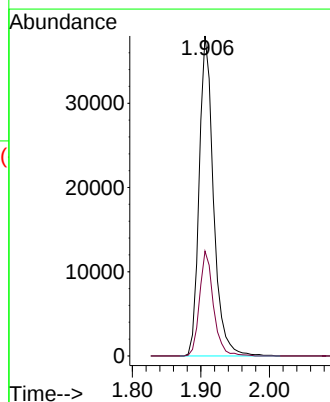
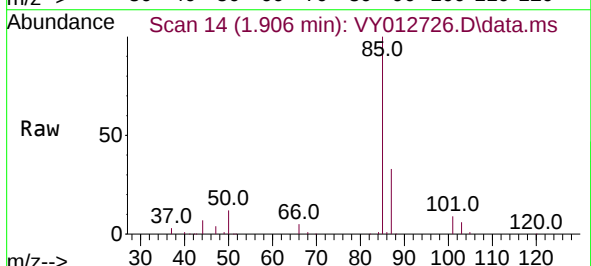
Manual Integrations
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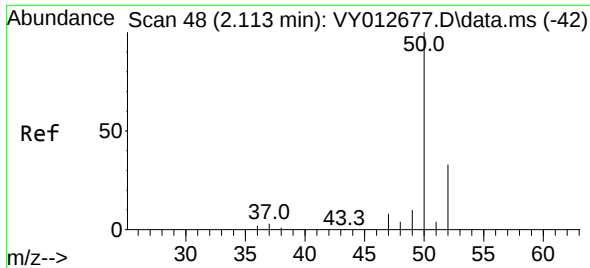
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 44.662 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

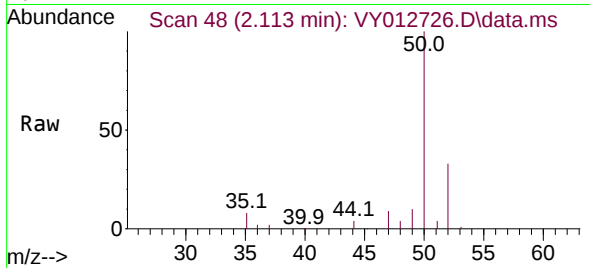
Tgt Ion: 85 Resp: 55321
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2





#3
Chloromethane
Concen: 41.229 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

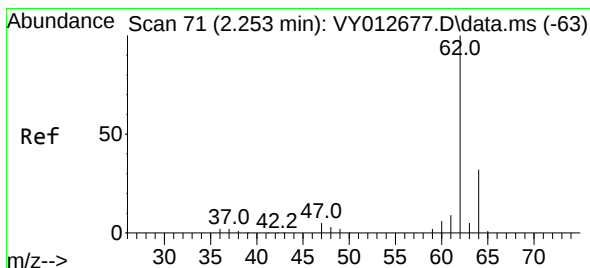
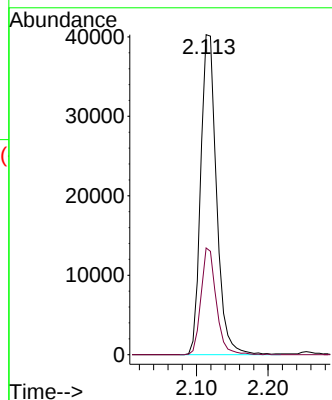
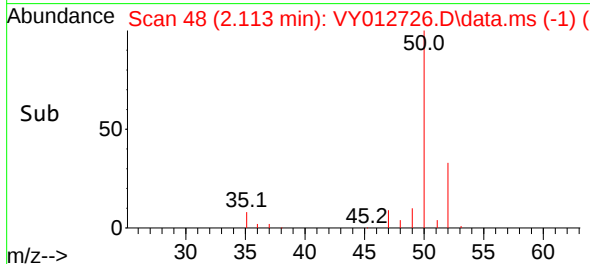
Instrument :
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VSTDCCC050



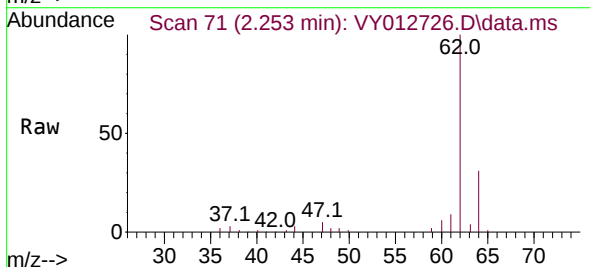
Tgt Ion: 50 Resp: 61849
Ion Ratio Lower Upper
50 100
52 33.4 26.1 39.1

Manual Integrations
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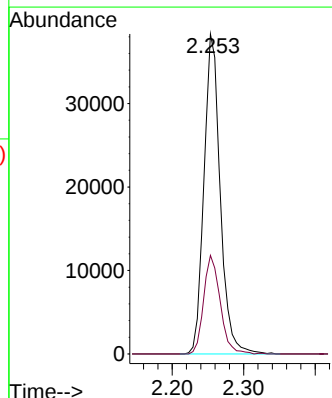
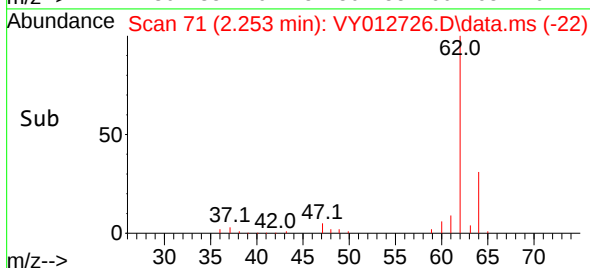
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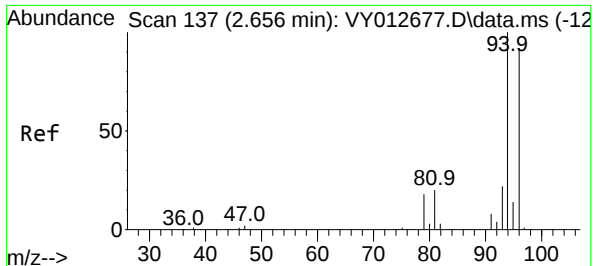


#4
Vinyl Chloride
Concen: 44.201 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 62 Resp: 60495
Ion Ratio Lower Upper
62 100
64 30.8 25.4 38.2





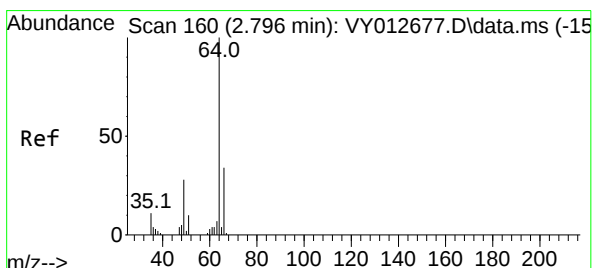
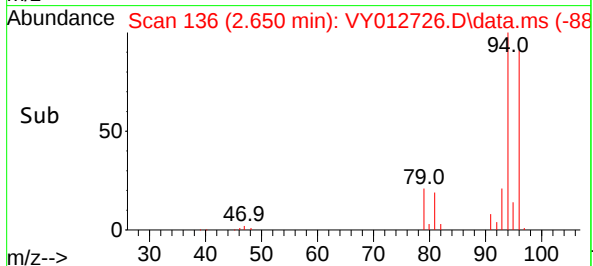
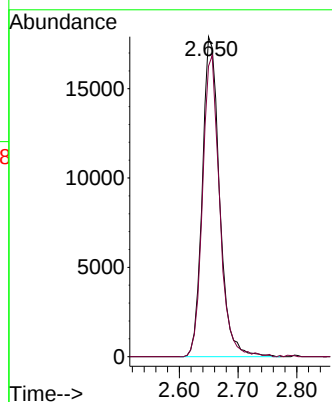
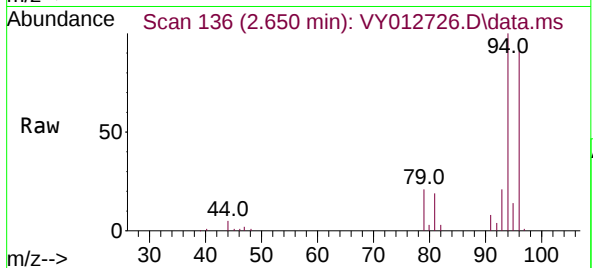
#5
Bromomethane
Concen: 48.750 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
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Tgt Ion: 94 Resp: 3654
Ion Ratio Lower Upper
94 100
96 90.8 73.9 110.9

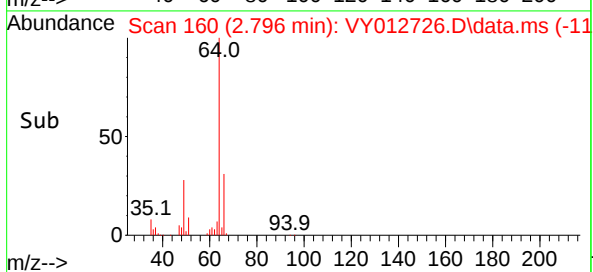
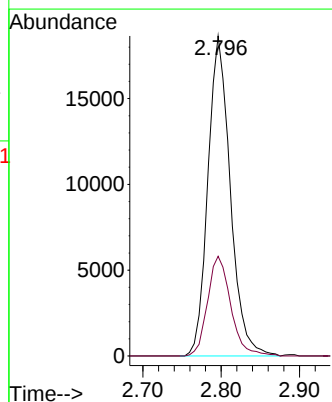
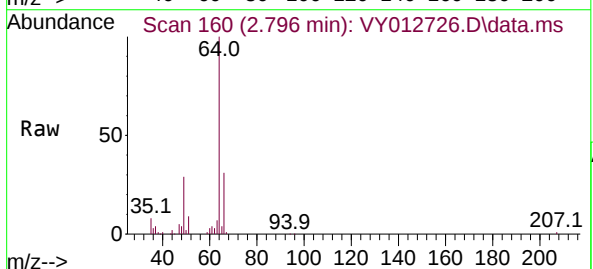
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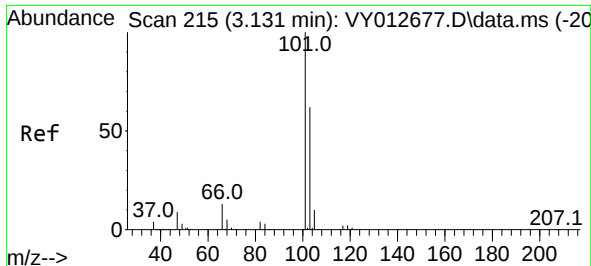
Reviewed By :John Carlone 02/28/2023
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#6
Chloroethane
Concen: 42.477 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012726.D
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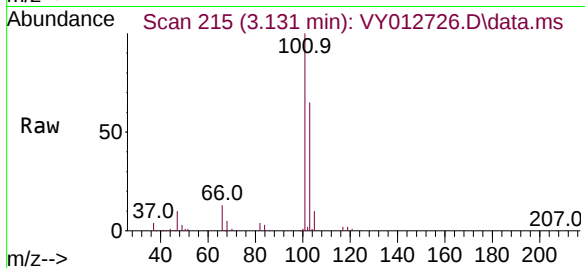
Tgt Ion: 64 Resp: 37008
Ion Ratio Lower Upper
64 100
66 31.2 27.1 40.7





#7
 Trichlorofluoromethane
 Concen: 47.557 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY012726.D
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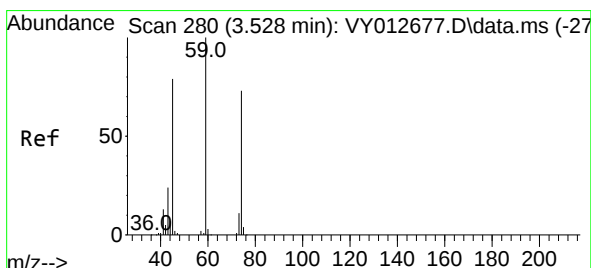
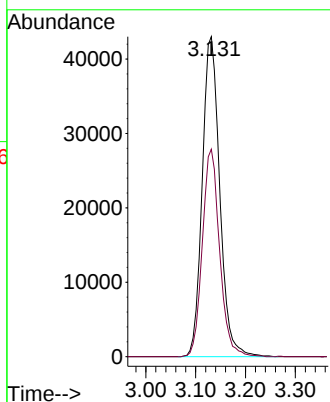
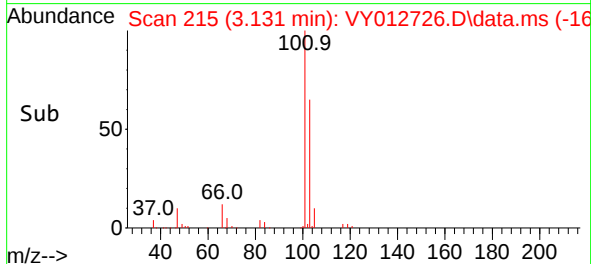
Instrument :
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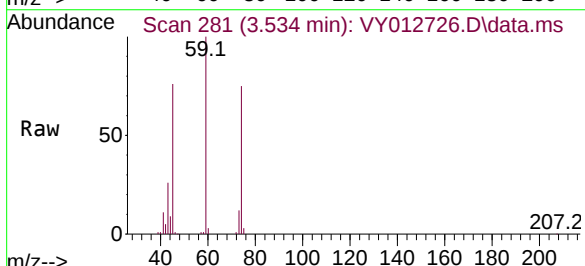
Tgt Ion:101 Resp: 104919
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.8 74.6

Manual Integrations
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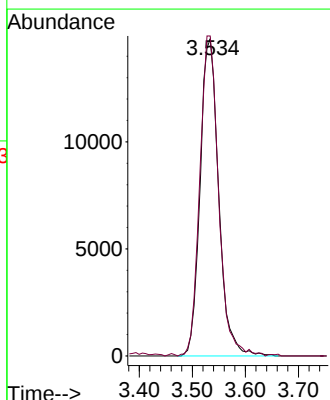
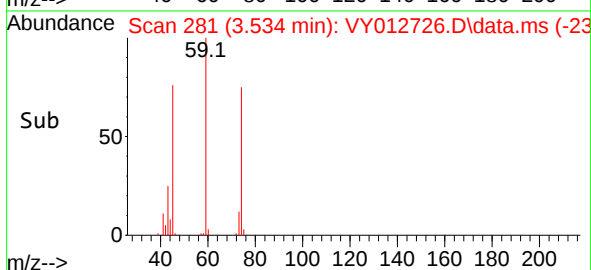
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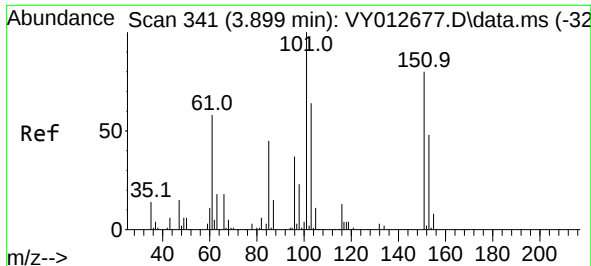


#8
 Diethyl Ether
 Concen: 45.606 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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 Acq: 27 Feb 2023 10:13



Tgt Ion: 74 Resp: 36022
 Ion Ratio Lower Upper
 74 100
 45 102.1 54.6 163.9





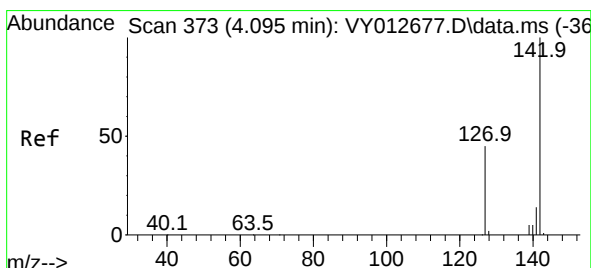
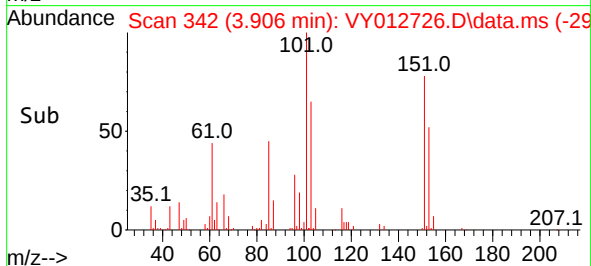
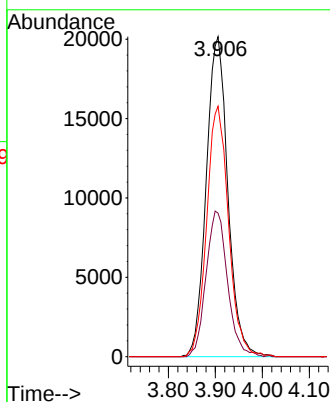
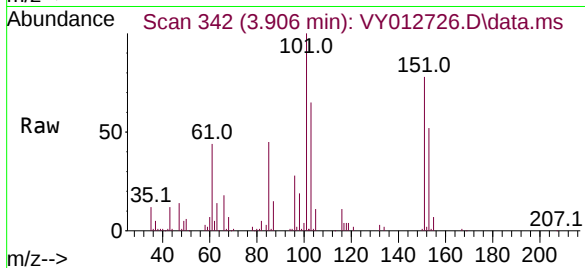
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.827 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 64374
Ion Ratio Lower Upper
101 100
85 45.2 36.4 54.6
151 79.3 63.1 94.7

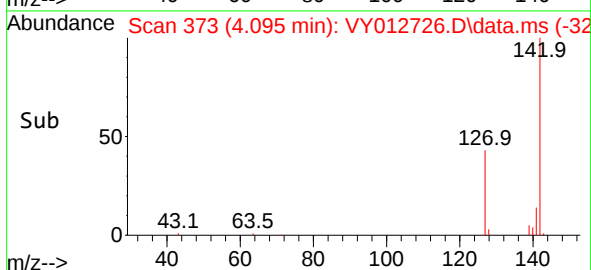
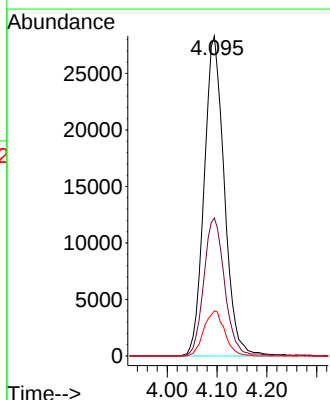
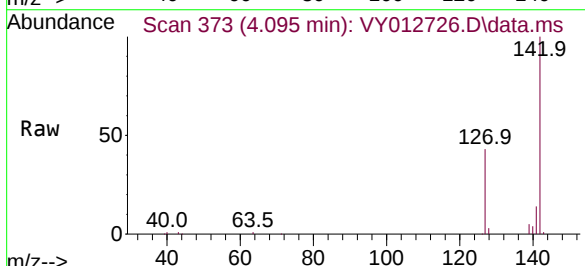
Manual Integrations
APPROVED

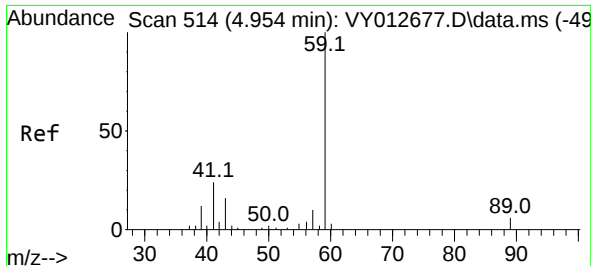
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 45.981 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

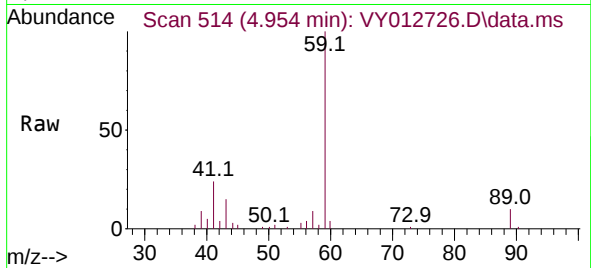
Tgt Ion:142 Resp: 79377
Ion Ratio Lower Upper
142 100
127 44.7 37.3 55.9
141 14.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 199.924 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

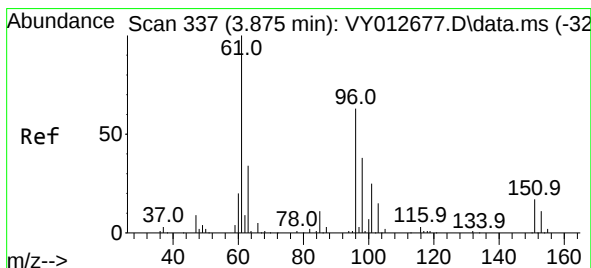
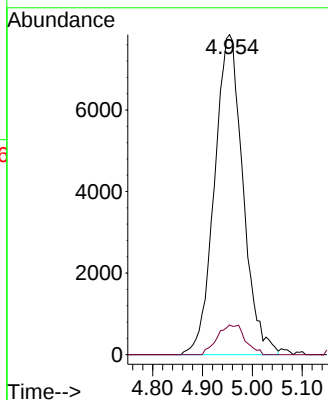
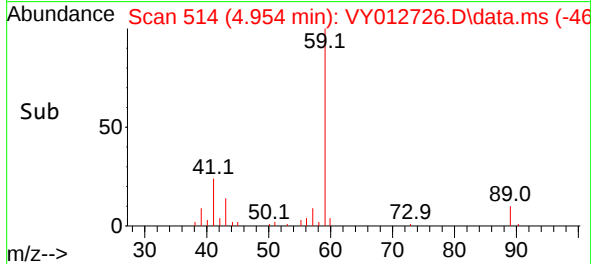
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



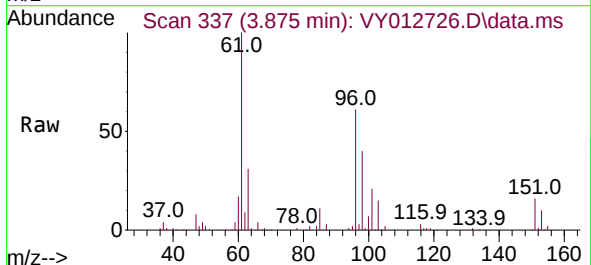
Tgt Ion: 59 Resp: 31119
Ion Ratio Lower Upper
59 100
57 9.0 7.7 11.5

Manual Integrations
APPROVED

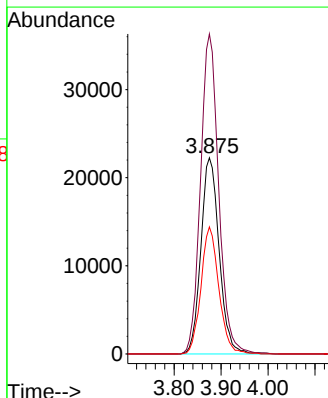
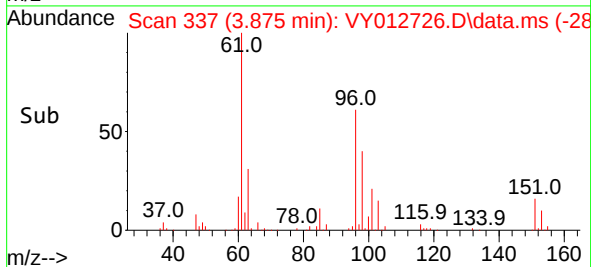
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

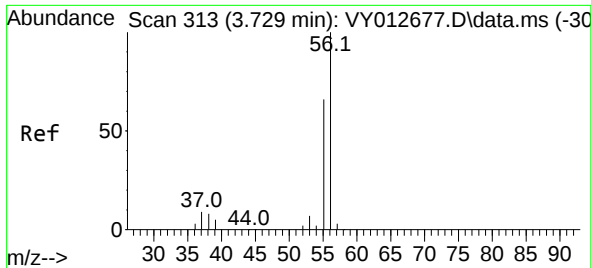


#12
1,1-Dichloroethene
Concen: 47.295 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 96 Resp: 60197
Ion Ratio Lower Upper
96 100
61 163.1 127.3 190.9
98 64.8 49.0 73.4





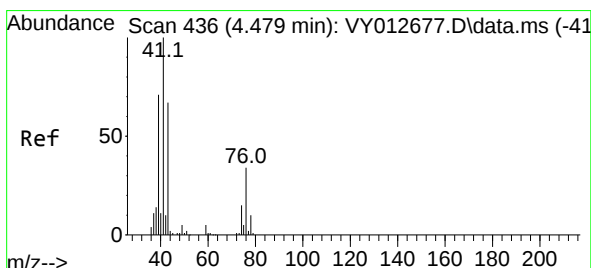
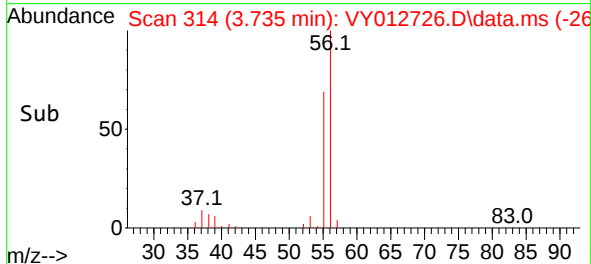
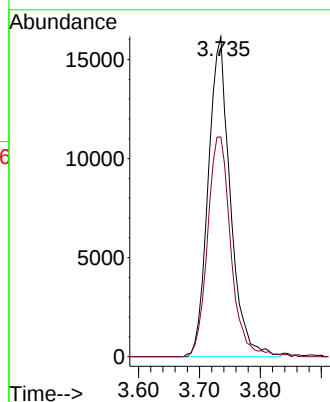
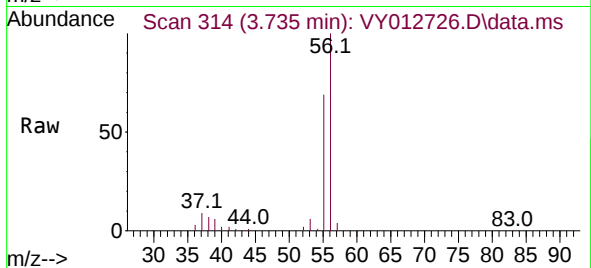
#13
Acrolein
Concen: 206.350 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 40582
Ion Ratio Lower Upper
56 100
55 72.7 55.7 83.5

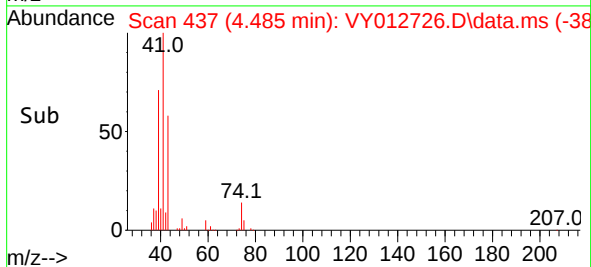
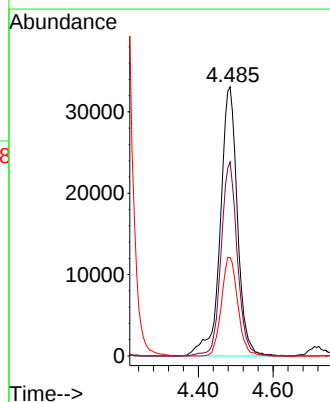
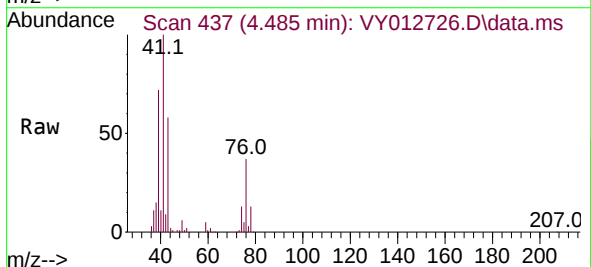
Manual Integrations
APPROVED

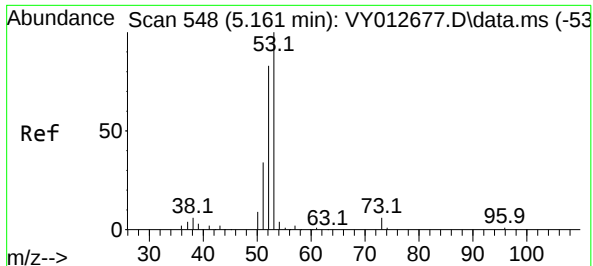
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#14
Allyl chloride
Concen: 42.639 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

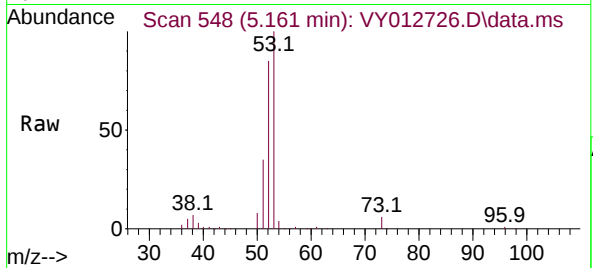
Tgt Ion: 41 Resp: 105328
Ion Ratio Lower Upper
41 100
39 68.5 53.8 80.8
76 34.9 25.8 38.6





#15
Acrylonitrile
Concen: 228.543 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

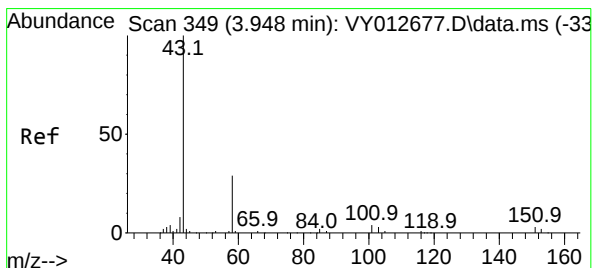
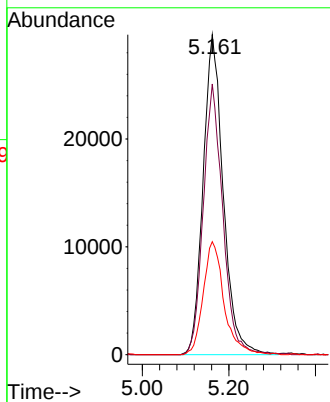
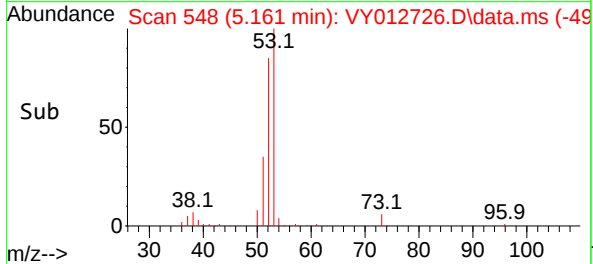
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



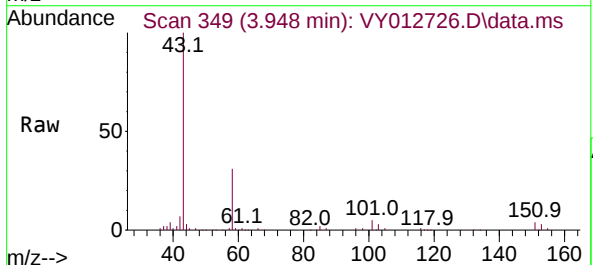
Tgt Ion: 53 Resp: 96038
Ion Ratio Lower Upper
53 100
52 81.8 65.2 97.8
51 36.5 28.6 43.0

Manual Integrations
APPROVED

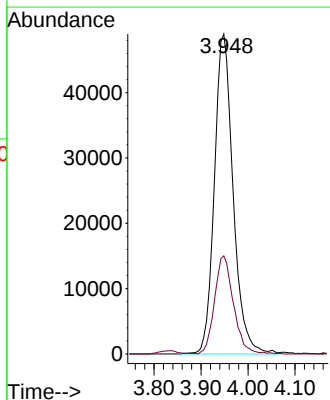
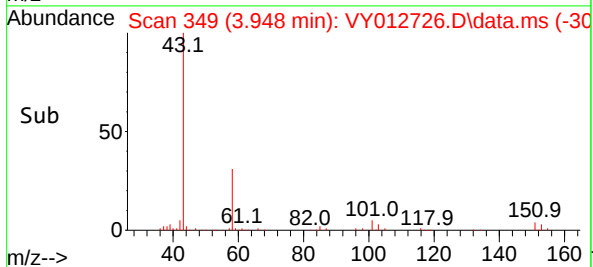
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

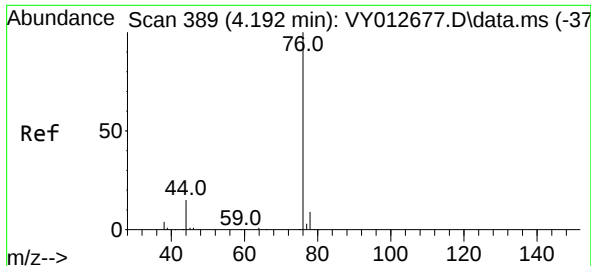


#16
Acetone
Concen: 292.364 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 43 Resp: 135749
Ion Ratio Lower Upper
43 100
58 30.5 23.3 34.9





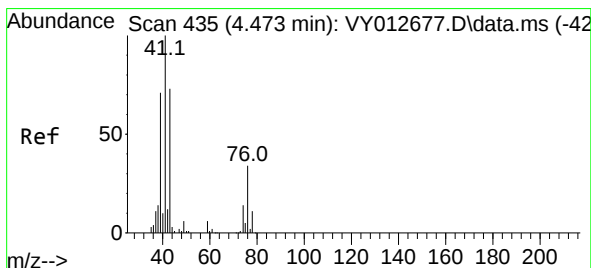
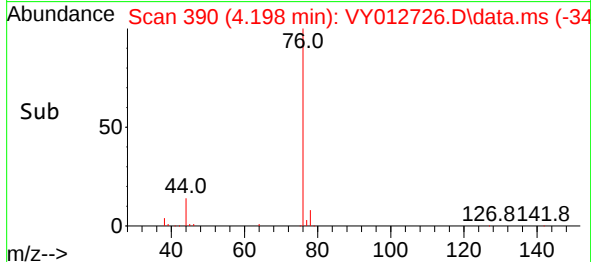
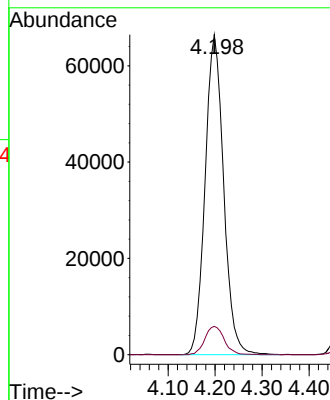
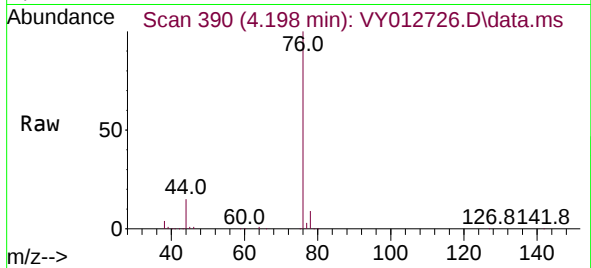
#17
Carbon Disulfide
Concen: 42.383 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 181534
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

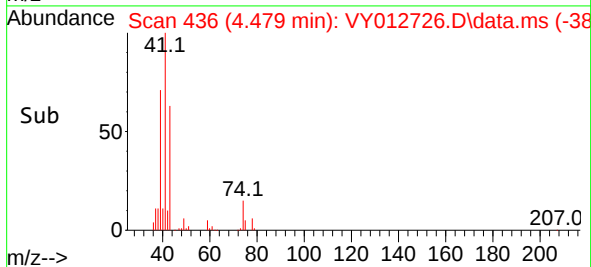
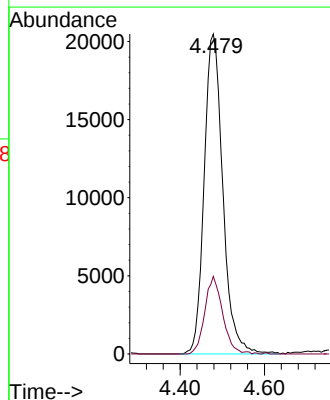
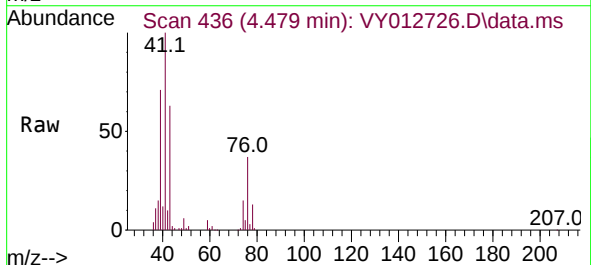
Manual Integrations
APPROVED

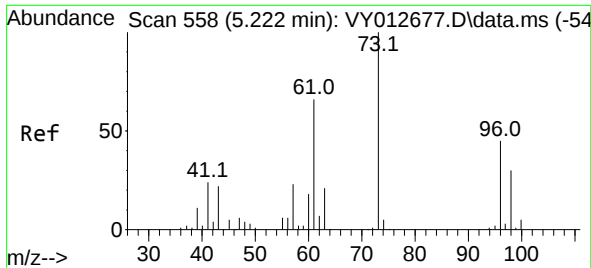
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 42.178 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion: 43 Resp: 63086
Ion Ratio Lower Upper
43 100
74 23.2 16.5 24.7





#19

Methyl tert-butyl Ether

Concen: 46.566 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 15942

Ion Ratio Lower Upper

73 100

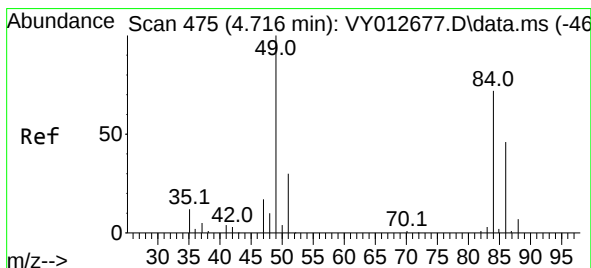
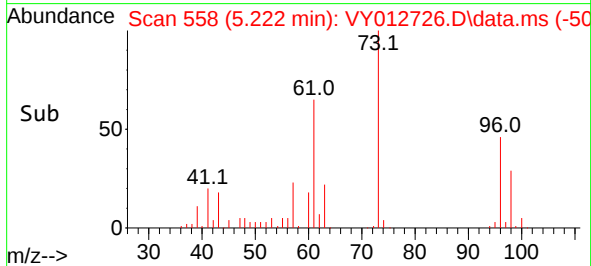
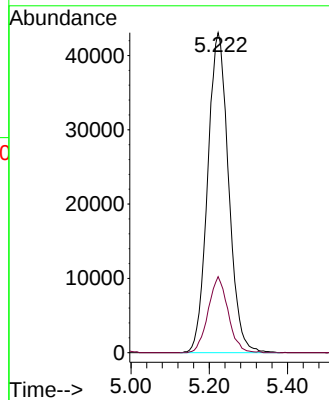
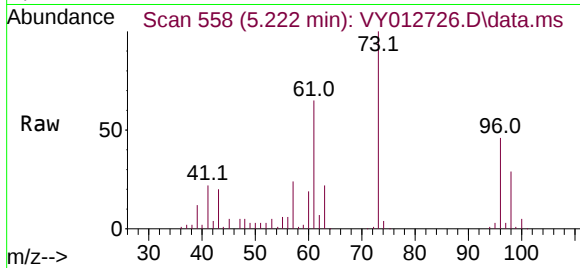
57 23.7 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#20

Methylene Chloride

Concen: 48.197 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Tgt Ion: 84 Resp: 70160

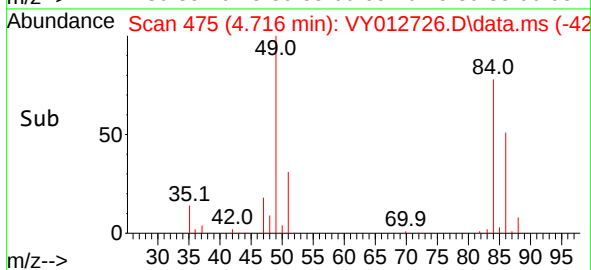
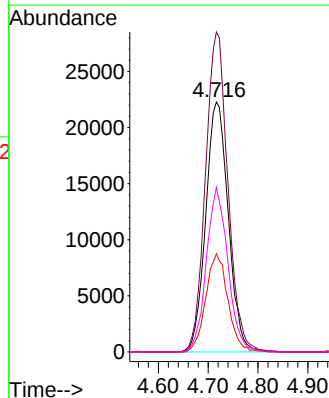
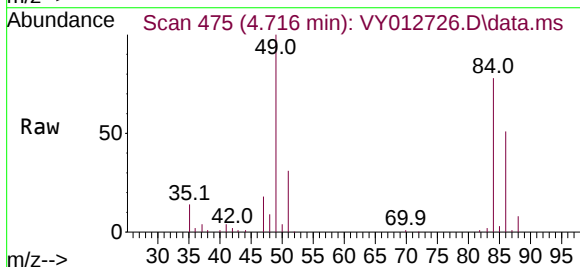
Ion Ratio Lower Upper

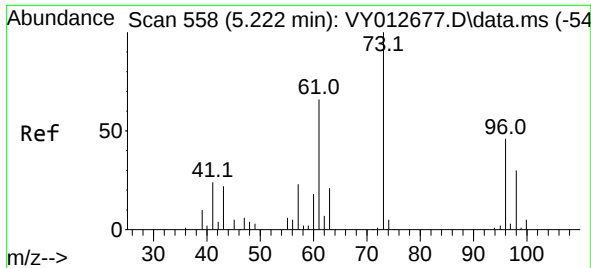
84 100

49 128.0 111.1 166.7

51 39.3 33.5 50.3

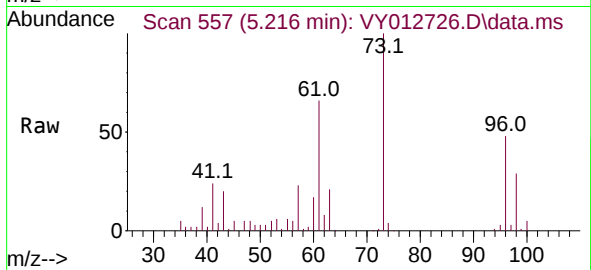
86 65.7 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 46.823 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

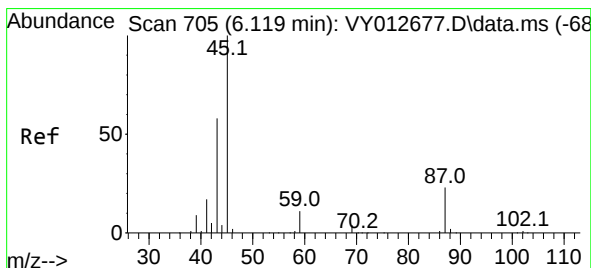
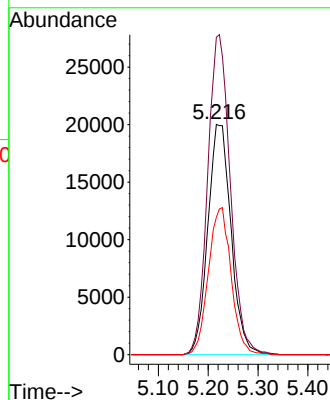
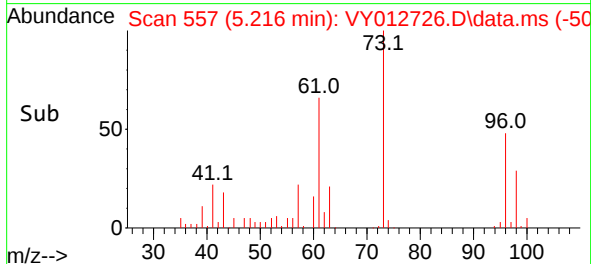
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 64829
Ion Ratio Lower Upper
96 100
61 137.9 116.1 174.1
98 59.6 52.3 78.5

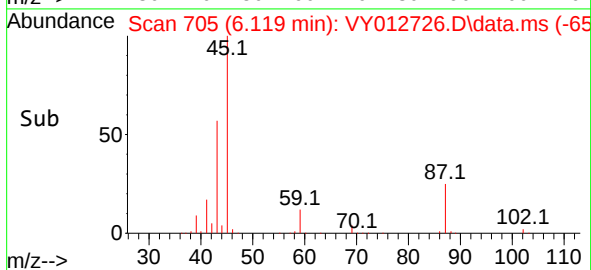
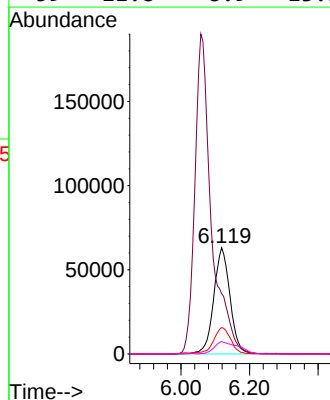
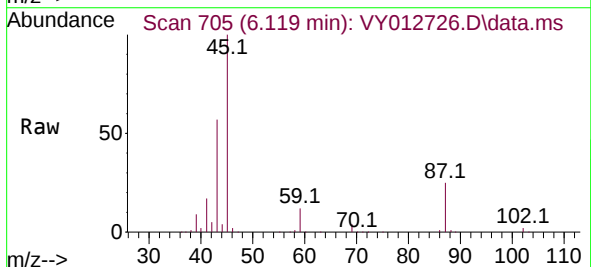
Manual Integrations
APPROVED

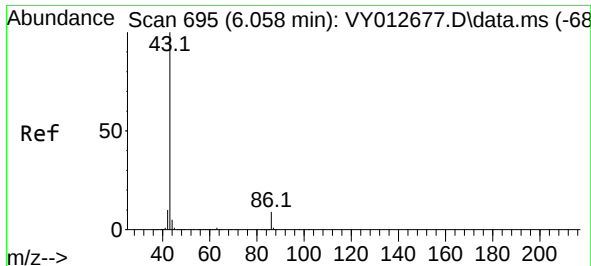
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 45.094 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion: 45 Resp: 207862
Ion Ratio Lower Upper
45 100
43 56.5 46.2 69.2
87 24.9 18.6 28.0
59 11.8 8.9 13.3





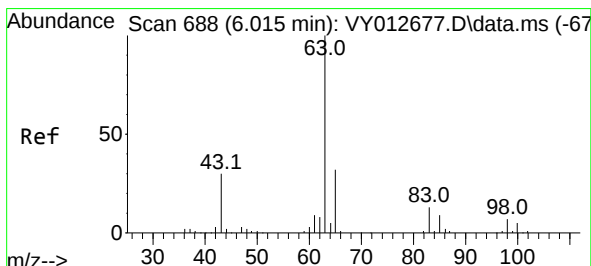
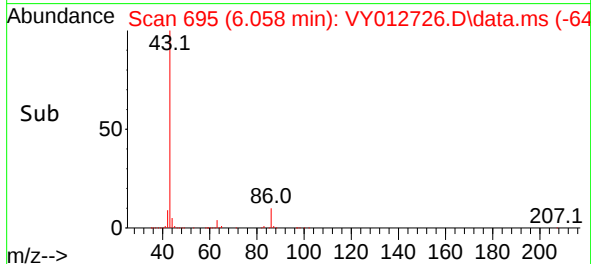
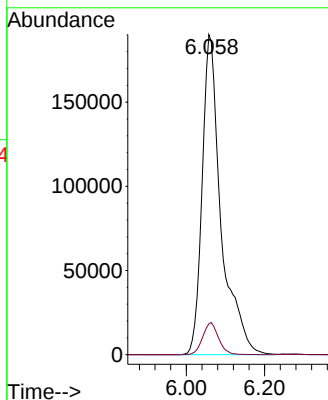
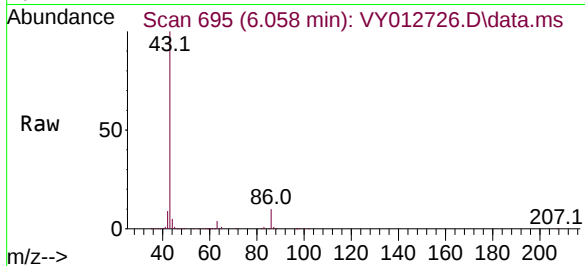
#23
 Vinyl Acetate
 Concen: 223.416 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY012726.D
 Acq: 27 Feb 2023 10:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 637825
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.4 11.0

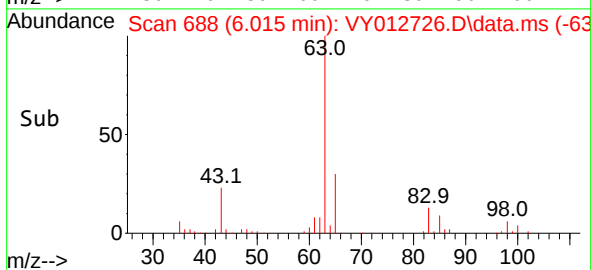
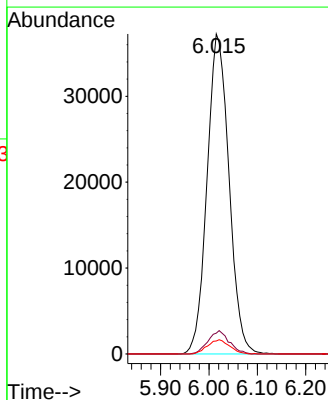
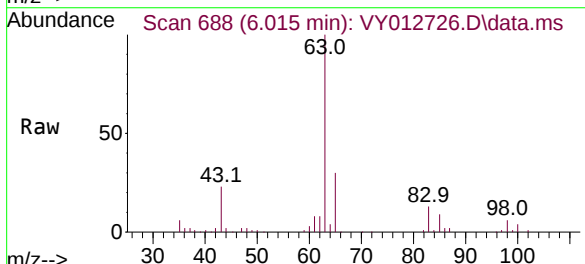
Manual Integrations
 APPROVED

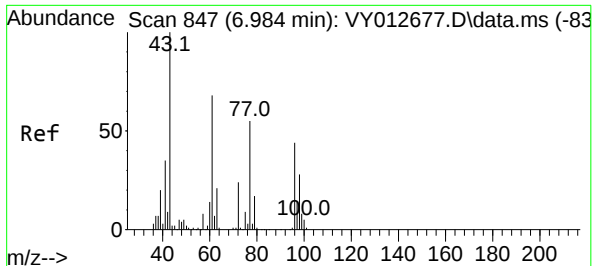
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 45.866 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY012726.D
 Acq: 27 Feb 2023 10:13

Tgt Ion: 63 Resp: 117233
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.3 6.9





#25

2-Butanone

Concen: 249.762 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 15391

Ion Ratio Lower Upper

43 100

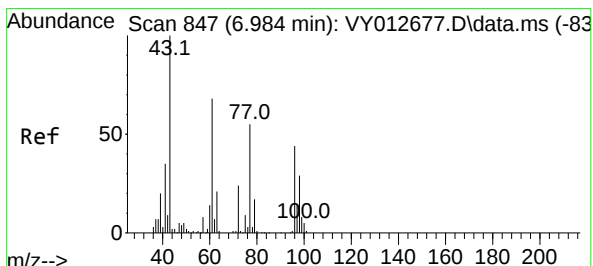
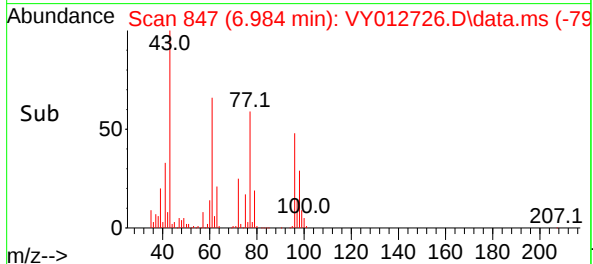
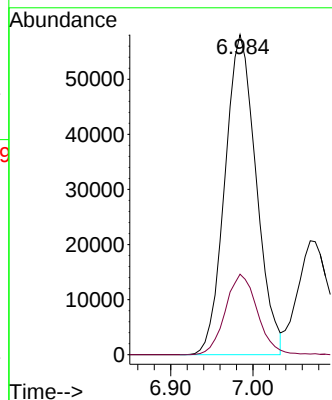
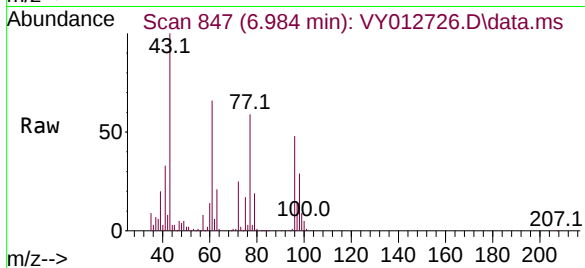
72 25.2 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#26

2,2-Dichloropropane

Concen: 46.931 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012726.D

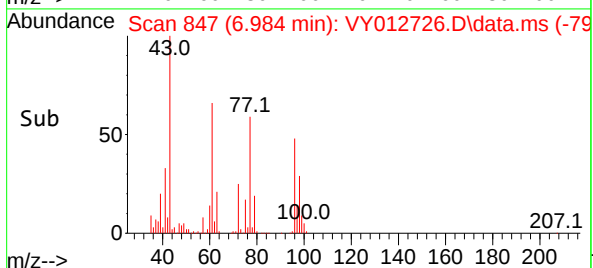
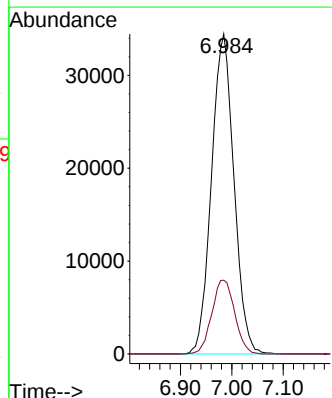
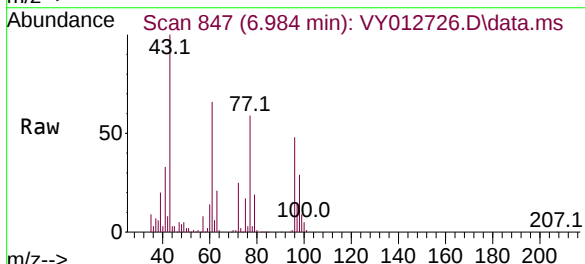
Acq: 27 Feb 2023 10:13

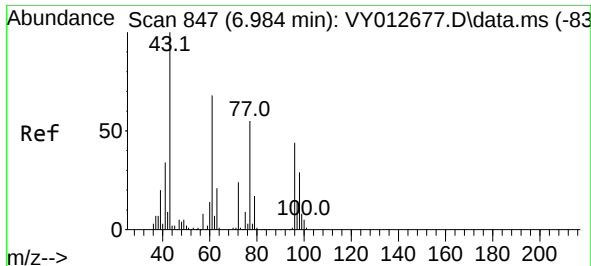
Tgt Ion: 77 Resp: 104639

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 47.824 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

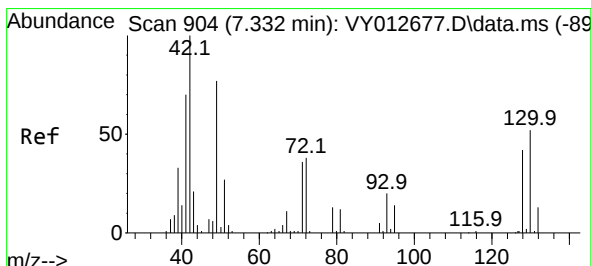
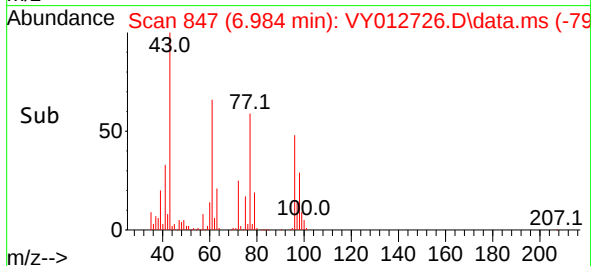
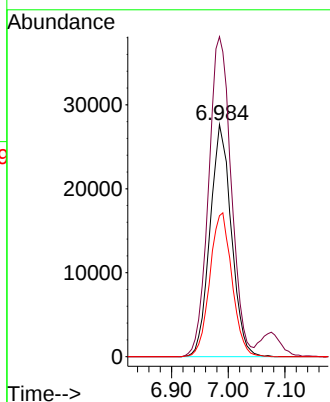
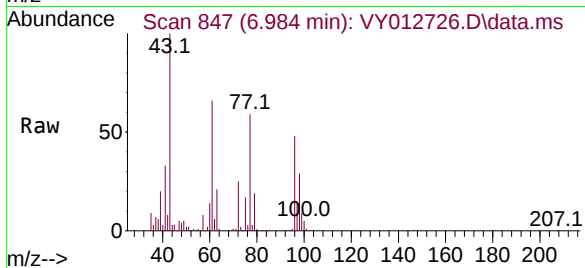
Tgt Ion:	96	Resp:	7244
Ion	Ratio	Lower	Upper
96	100		
61	146.1	0.0	308.8
98	64.2	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#28

Bromochloromethane

Concen: 46.633 ug/l

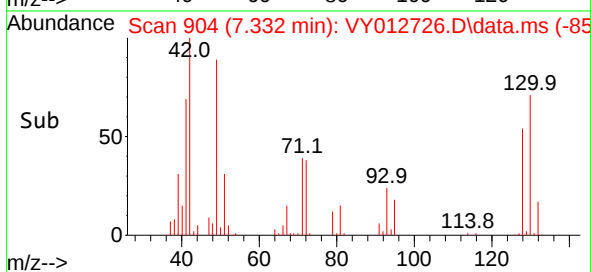
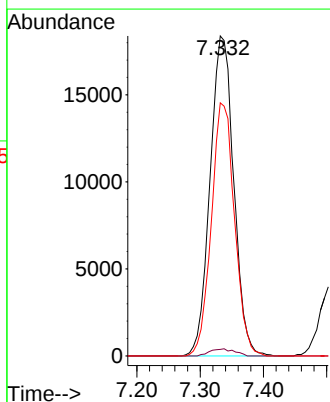
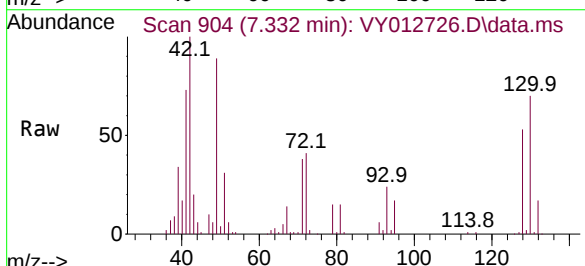
RT: 7.332 min Scan# 904

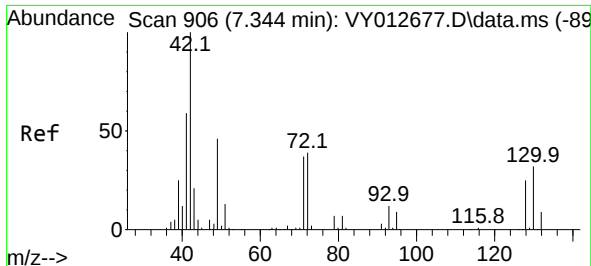
Delta R.T. -0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Tgt Ion:	49	Resp:	47729
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	77.5	54.3	81.5





#29

Tetrahydrofuran

Concen: 224.631 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 84514

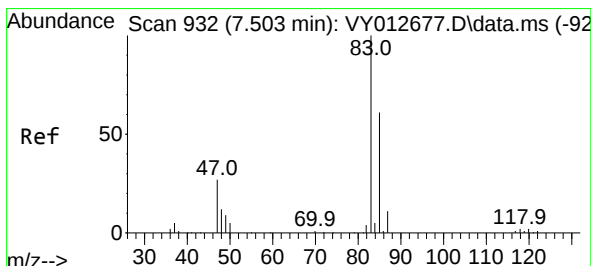
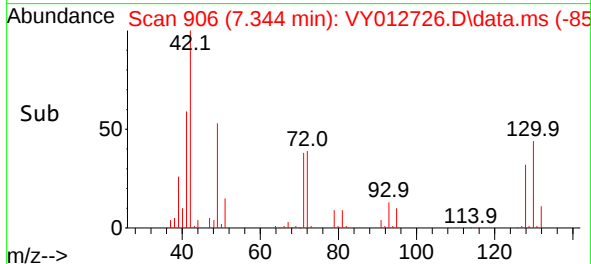
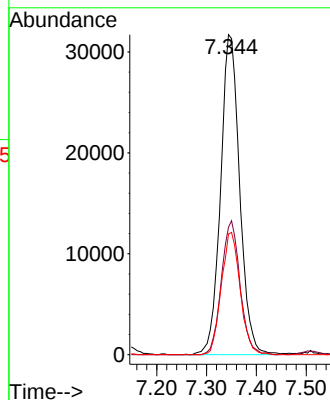
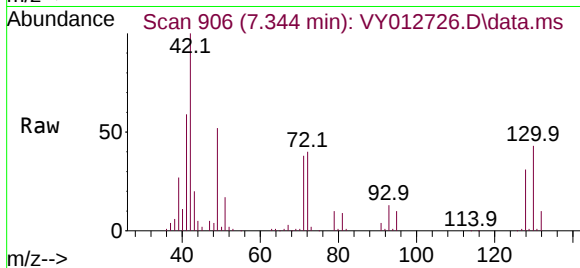
Ion	Ratio	Lower	Upper
42	100		
72	40.8	30.6	45.8
71	37.6	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 47.601 ug/l

RT: 7.509 min Scan# 933

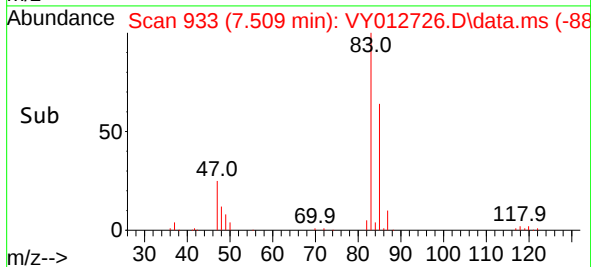
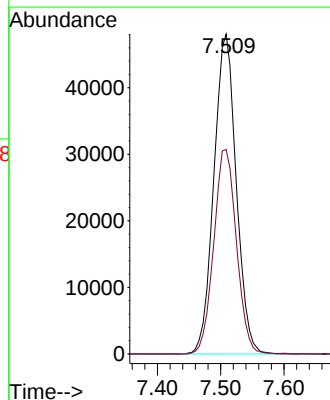
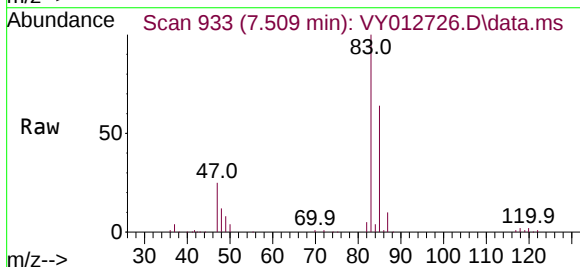
Delta R.T. 0.006 min

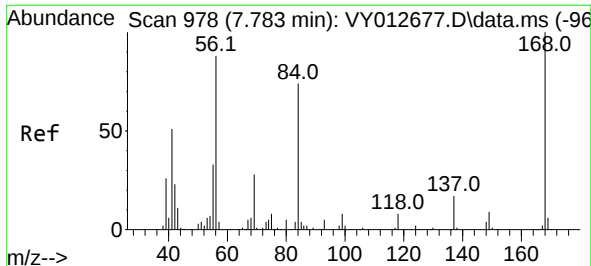
Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Tgt Ion: 83 Resp: 117890

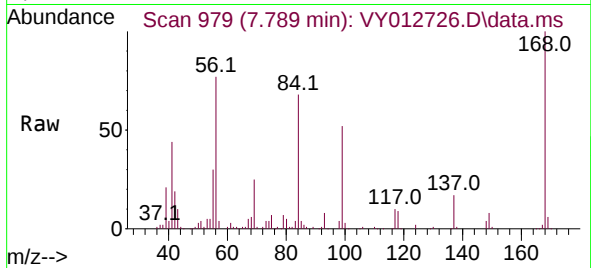
Ion	Ratio	Lower	Upper
83	100		
85	63.9	48.9	73.3





#31
Cyclohexane
Concen: 42.668 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

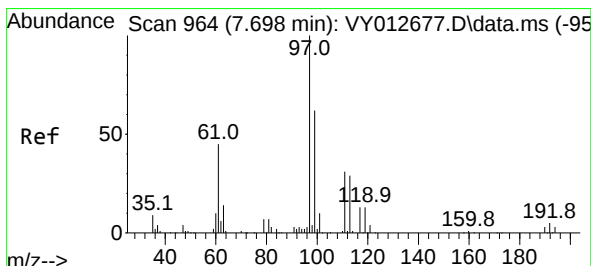
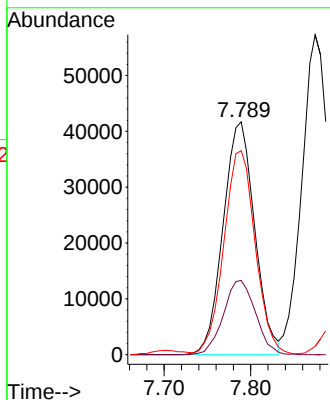
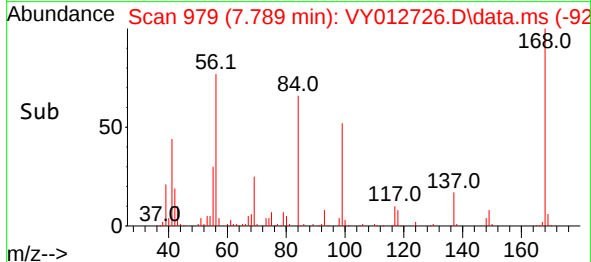
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



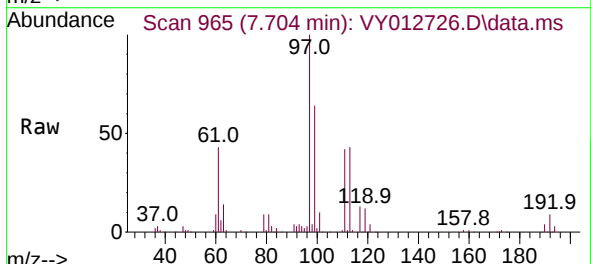
Tgt Ion: 56 Resp: 10548
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.2
84 86.4 67.3 100.9

Manual Integrations
APPROVED

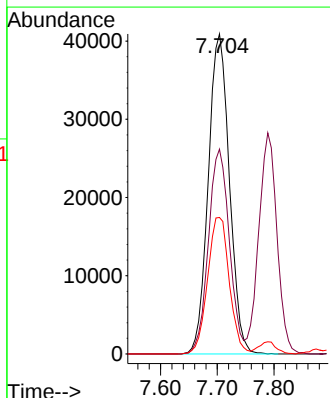
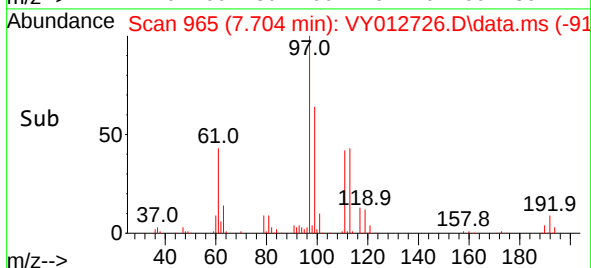
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

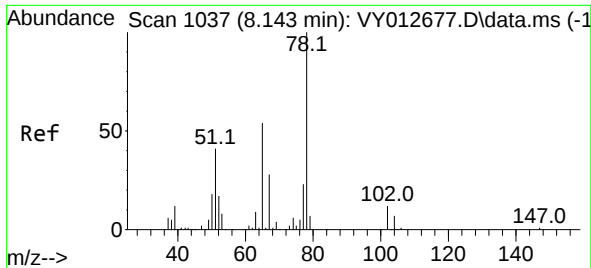


#32
1,1,1-Trichloroethane
Concen: 47.180 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 97 Resp: 105777
Ion Ratio Lower Upper
97 100
99 63.5 50.6 75.8
61 43.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 44.463 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 63269

Ion Ratio Lower Upper

65 100

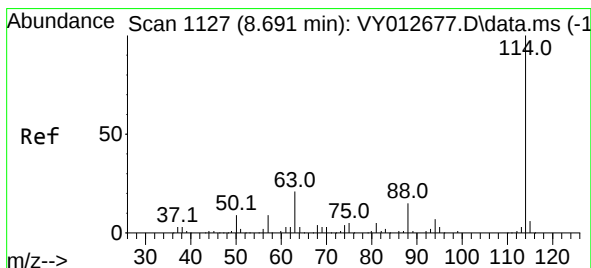
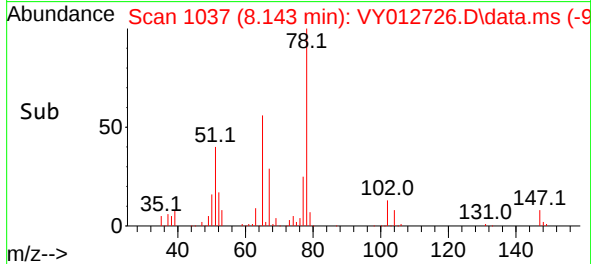
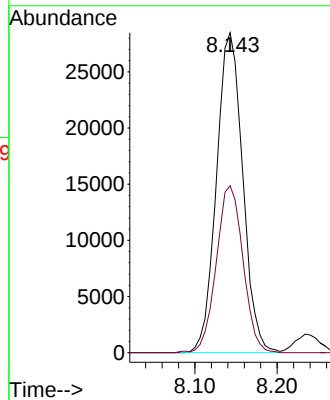
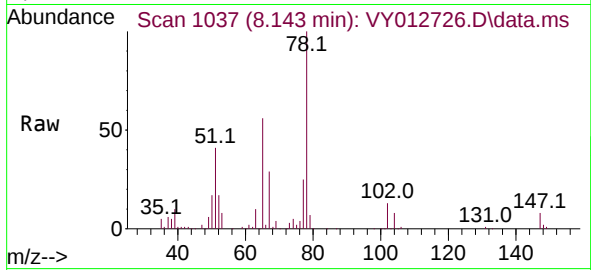
67 53.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

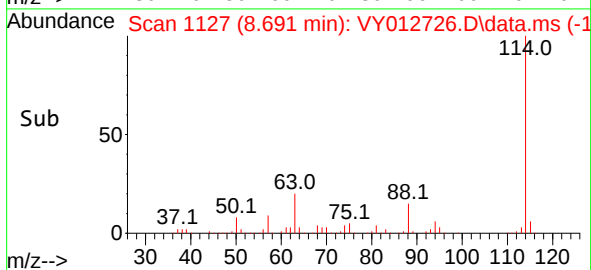
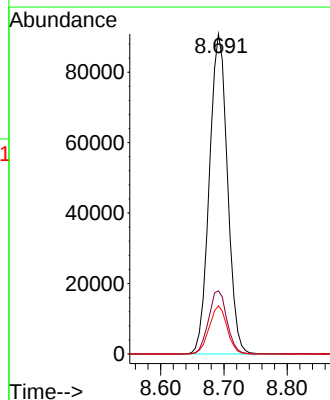
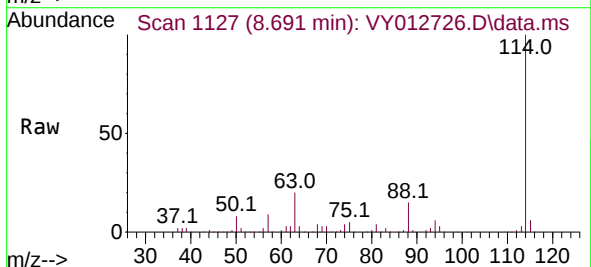
Tgt Ion:114 Resp: 180186

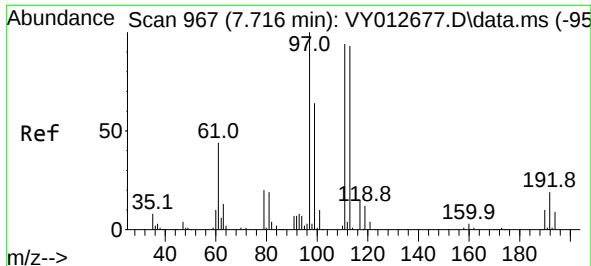
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

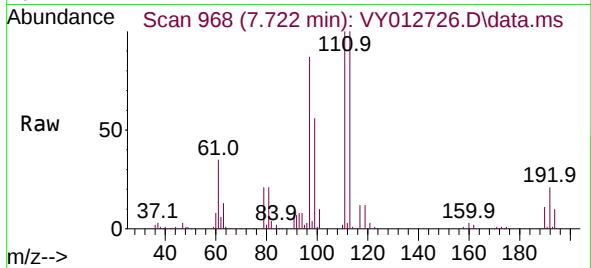
88 15.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 50.243 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

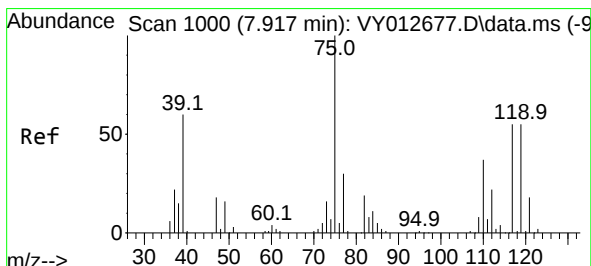
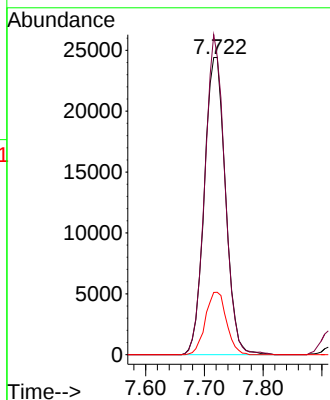
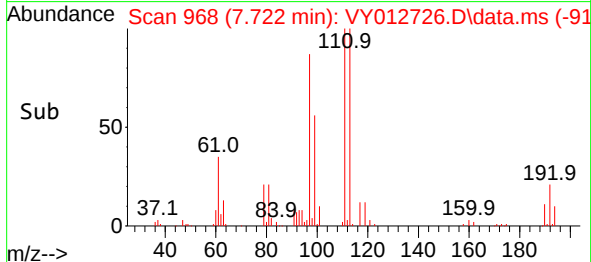
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



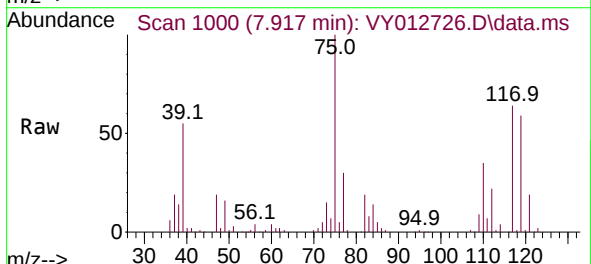
Tgt Ion:113 Resp: 6114
Ion Ratio Lower Upper
113 100
111 101.9 82.0 123.0
192 20.8 16.2 24.2

Manual Integrations
APPROVED

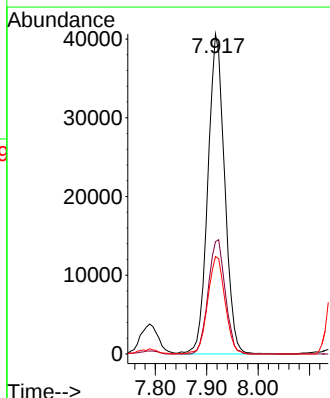
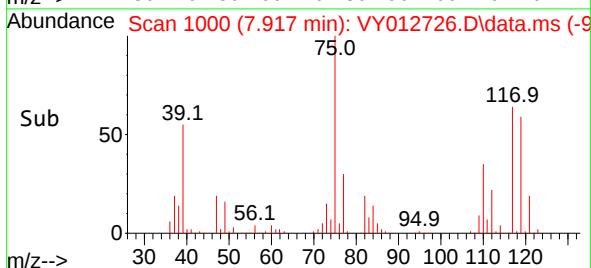
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

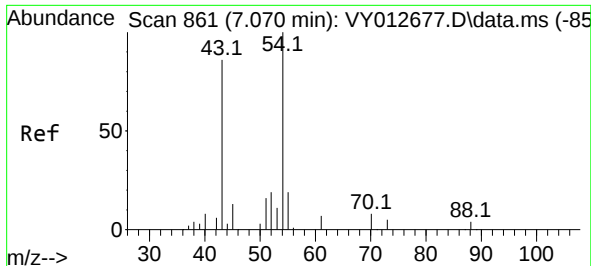


#36
1,1-Dichloropropene
Concen: 47.697 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 75 Resp: 92013
Ion Ratio Lower Upper
75 100
110 36.3 17.6 52.8
77 31.4 24.6 37.0





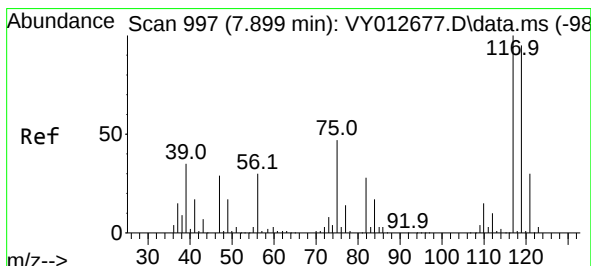
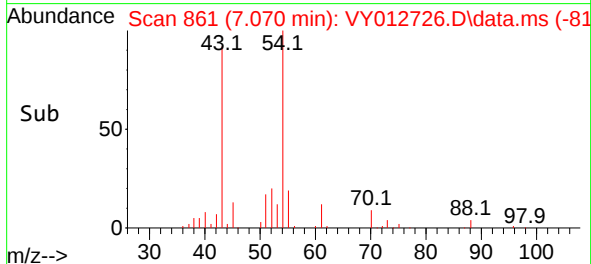
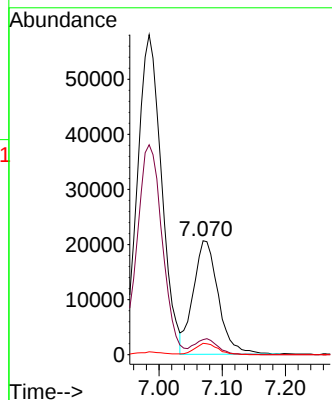
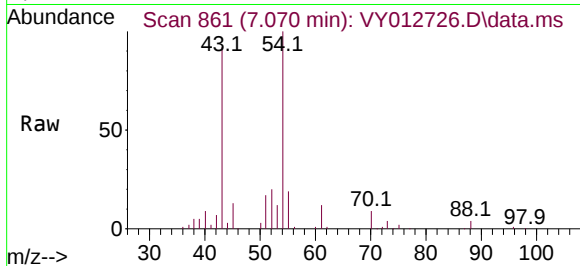
#37
Ethyl Acetate
Concen: 43.661 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5683
Ion Ratio Lower Upper
43 100
61 13.0 9.9 14.9
70 9.1 6.4 9.6

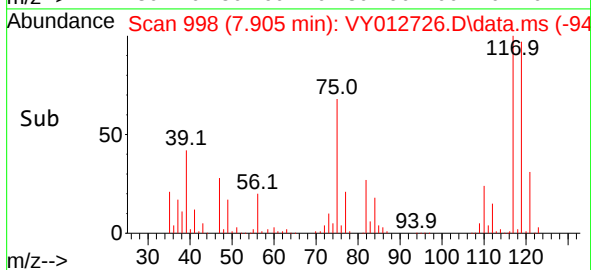
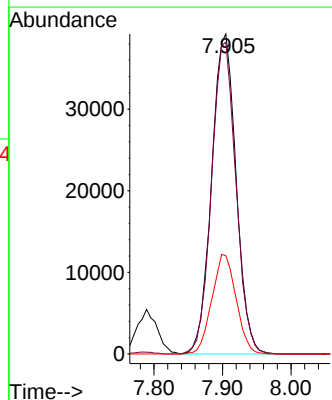
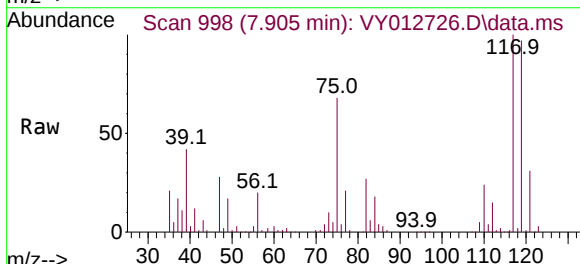
Manual Integrations
APPROVED

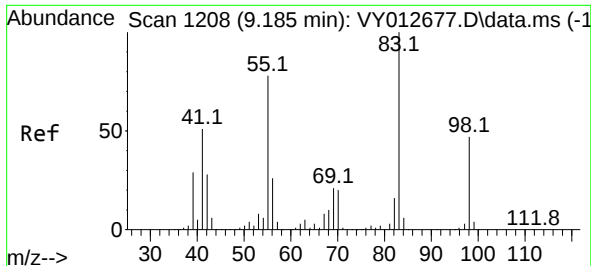
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Carbon Tetrachloride
Concen: 48.740 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:117 Resp: 97220
Ion Ratio Lower Upper
117 100
119 97.4 75.5 113.3
121 30.7 23.8 35.8





#39

Methylcyclohexane

Concen: 49.823 ug/l

RT: 9.185 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11087

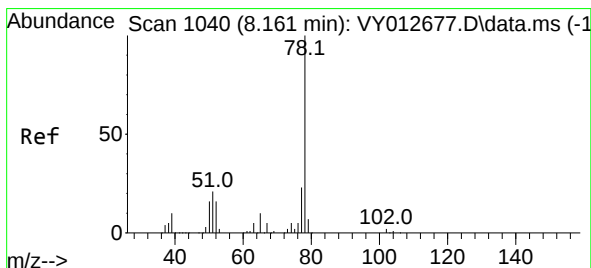
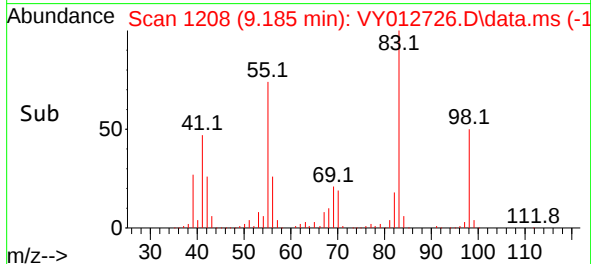
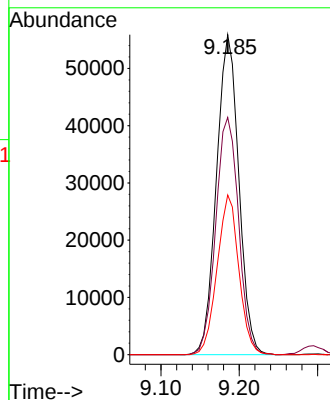
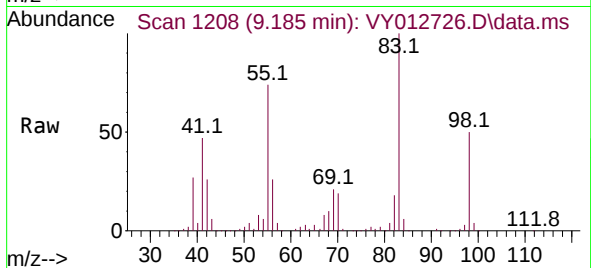
Ion	Ratio	Lower	Upper
83	100		
55	74.2	62.5	93.7
98	49.9	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 48.506 ug/l

RT: 8.161 min Scan# 1040

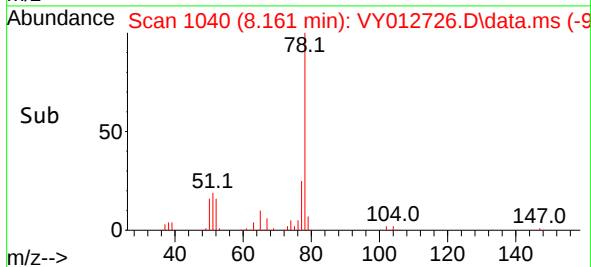
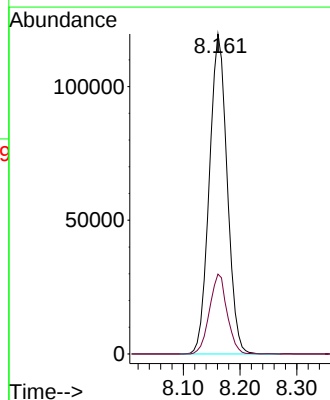
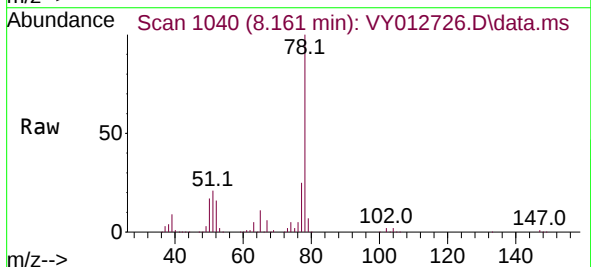
Delta R.T. -0.000 min

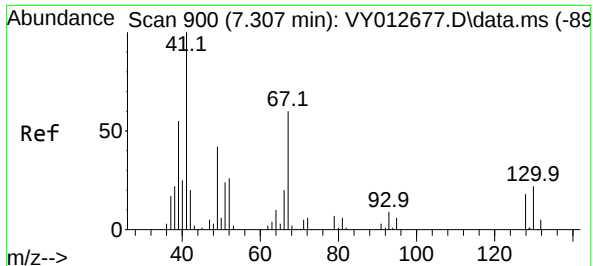
Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Tgt Ion: 78 Resp: 261199

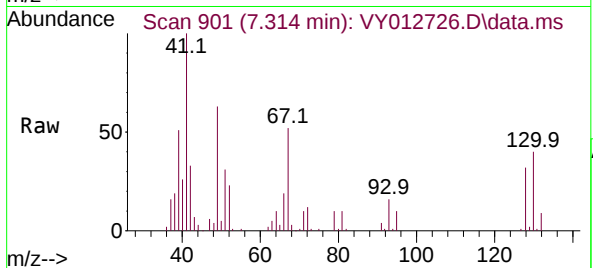
Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.5	27.7





#41
Methacrylonitrile
Concen: 47.995 ug/l m
RT: 7.314 min Scan# 901
Delta R.T. 0.007 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

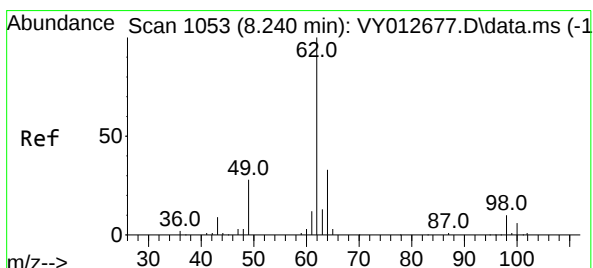
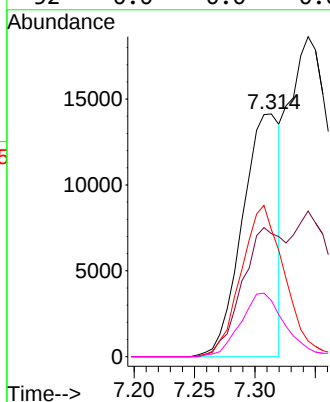
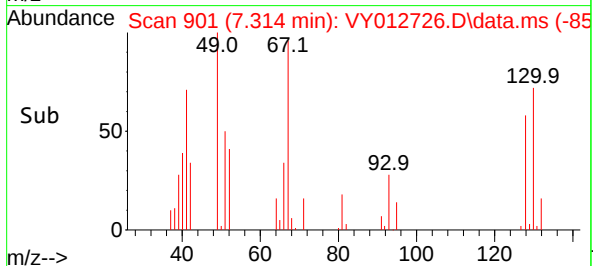
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 30428
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

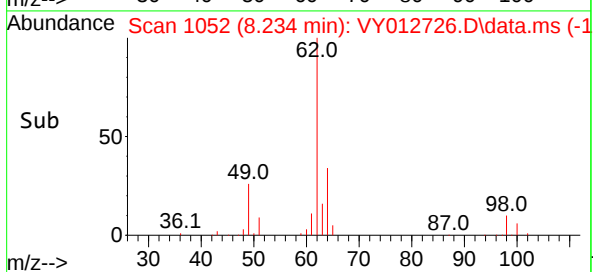
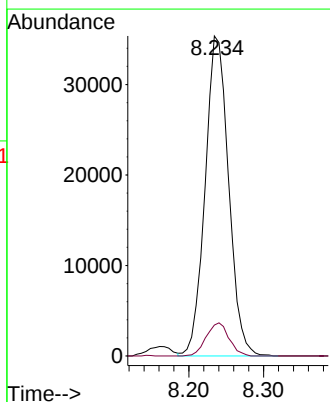
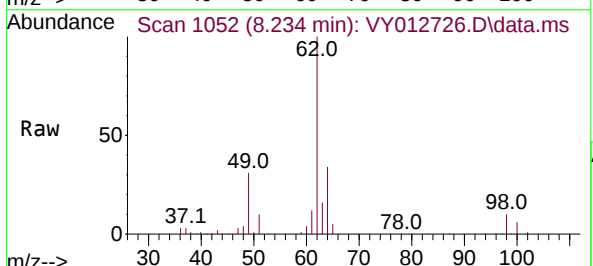
Manual Integrations
APPROVED

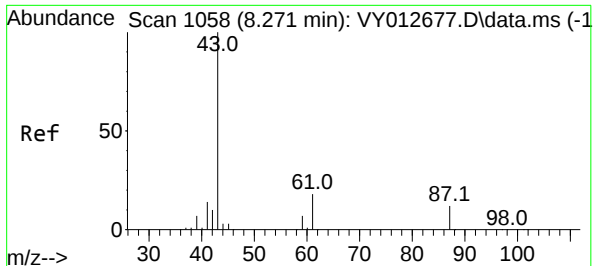
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 46.297 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion: 62 Resp: 77306
Ion Ratio Lower Upper
62 100
98 10.0 0.0 18.8





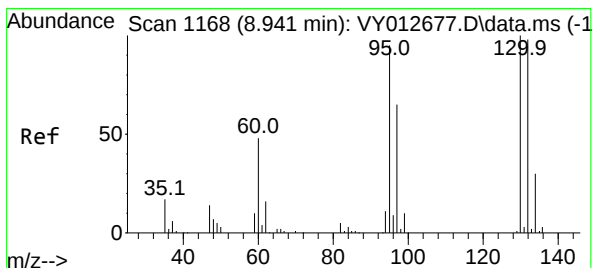
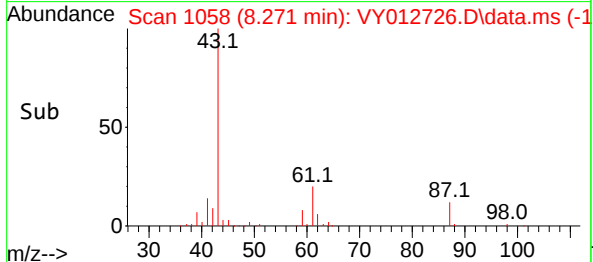
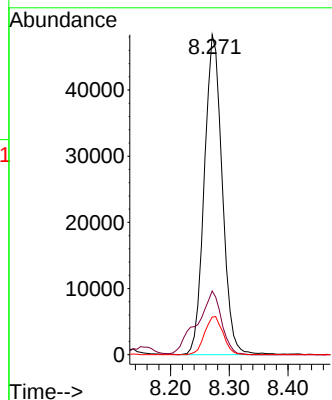
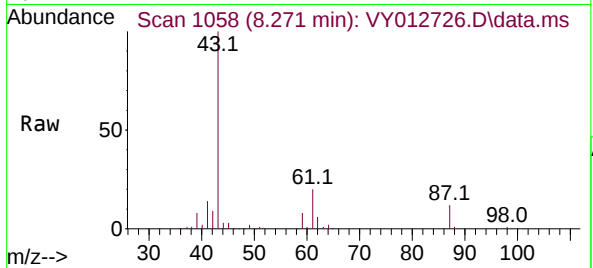
#43
Isopropyl Acetate
Concen: 45.522 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 102397
Ion Ratio Lower Upper
43 100
61 27.2 20.5 30.7
87 12.2 9.2 13.8

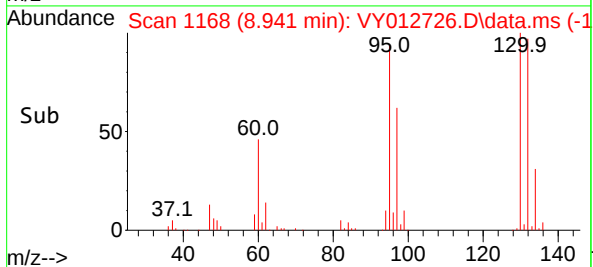
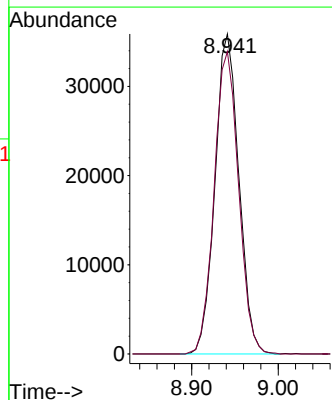
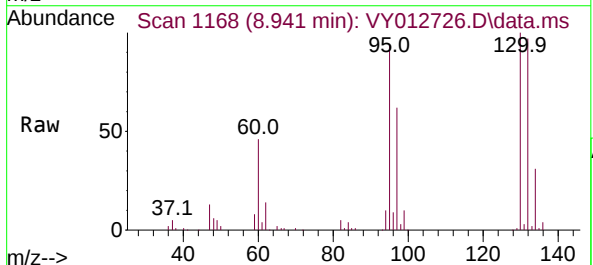
Manual Integrations
APPROVED

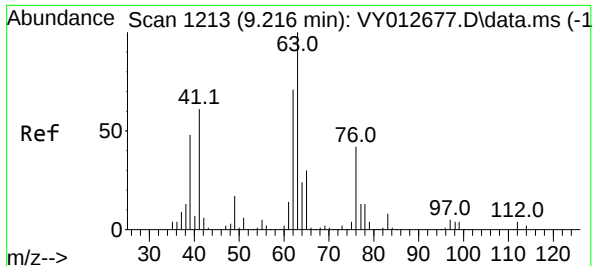
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#44
Trichloroethene
Concen: 49.364 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:130 Resp: 68726
Ion Ratio Lower Upper
130 100
95 94.5 0.0 190.6





#45

1,2-Dichloropropane

Concen: 47.815 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 66230

Ion Ratio Lower Upper

63 100

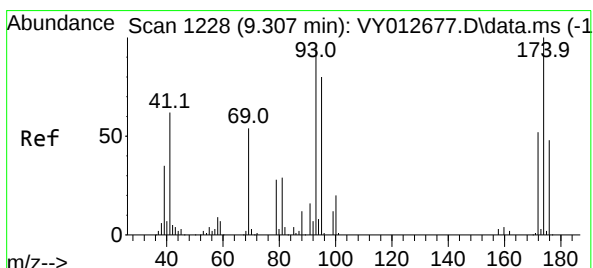
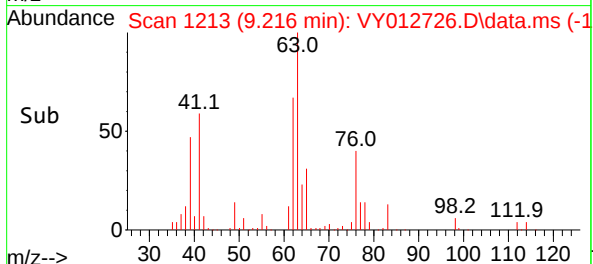
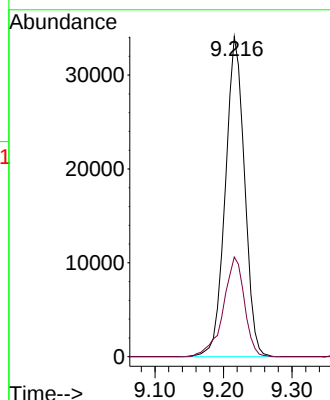
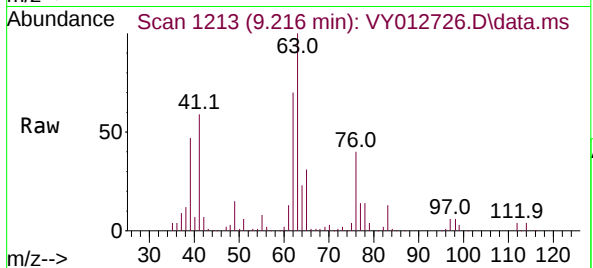
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 49.361 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

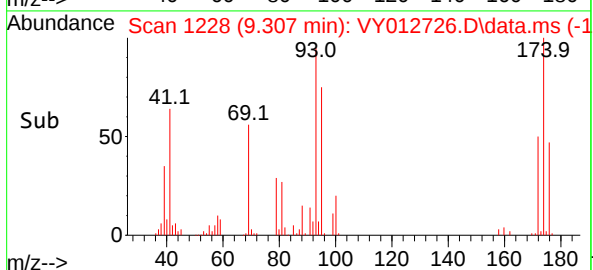
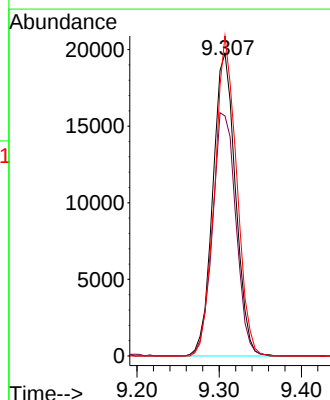
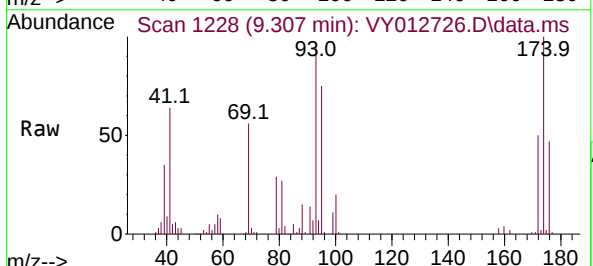
Tgt Ion: 93 Resp: 37742

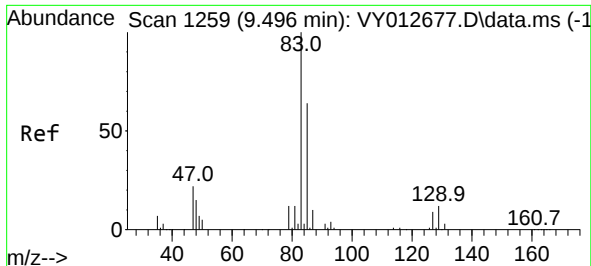
Ion Ratio Lower Upper

93 100

95 83.0 66.6 99.8

174 102.7 79.8 119.6





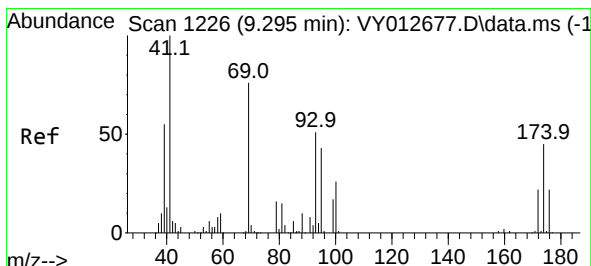
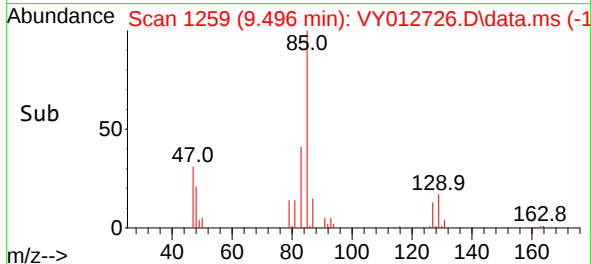
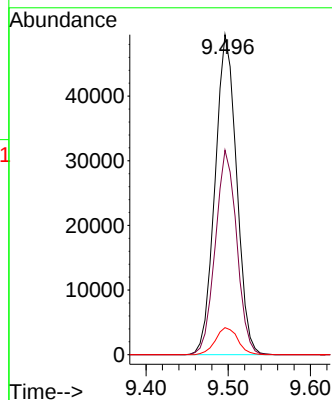
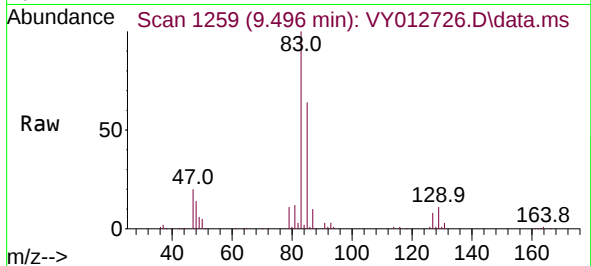
#47
Bromodichloromethane
Concen: 48.903 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90010
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.5 7.1 10.7

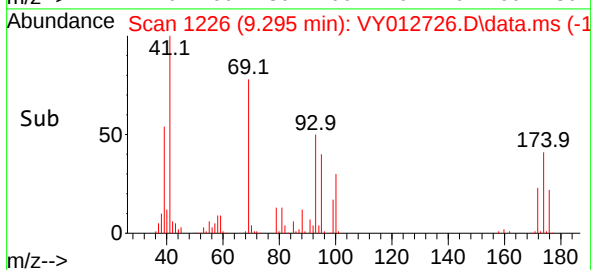
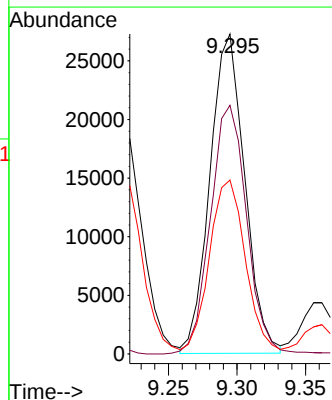
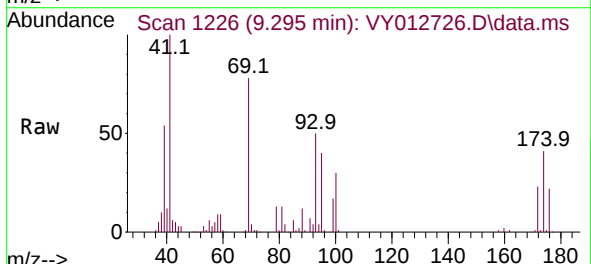
Manual Integrations
APPROVED

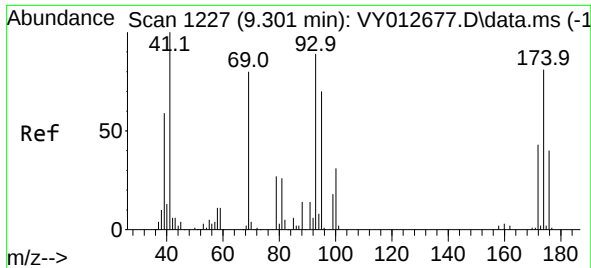
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 45.794 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

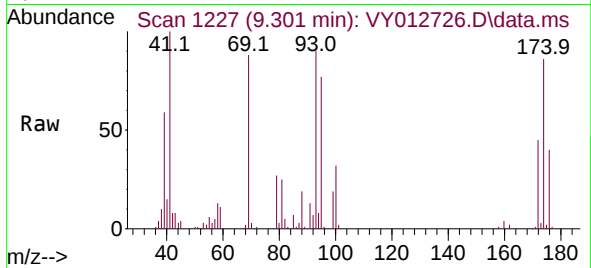
Tgt Ion: 41 Resp: 48068
Ion Ratio Lower Upper
41 100
69 81.4 62.6 93.8
39 54.2 45.1 67.7





#49
1,4-Dioxane
Concen: 832.159 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

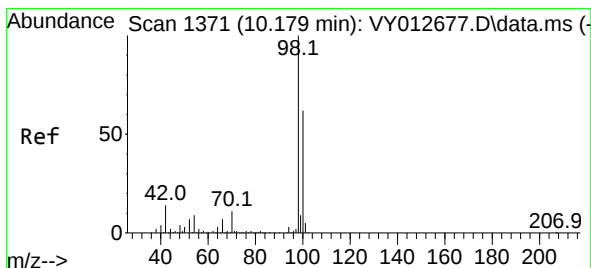
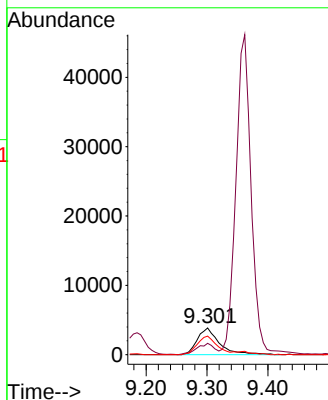
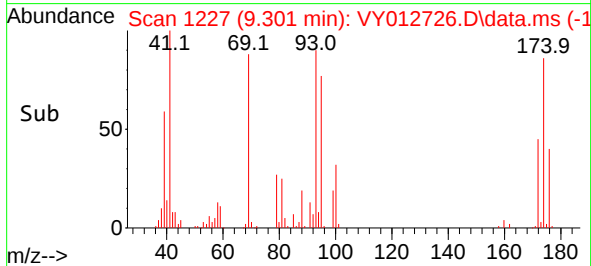
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



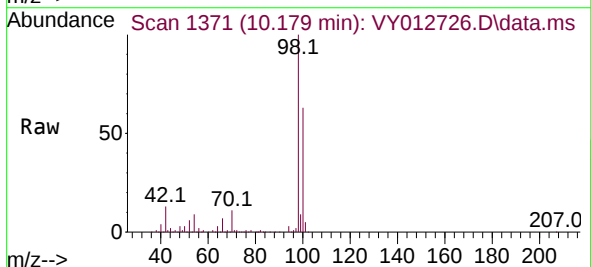
Tgt Ion: 88 Resp: 970
Ion Ratio Lower Upper
88 100
43 33.4 23.1 34.7
58 64.7 45.8 68.8

Manual Integrations
APPROVED

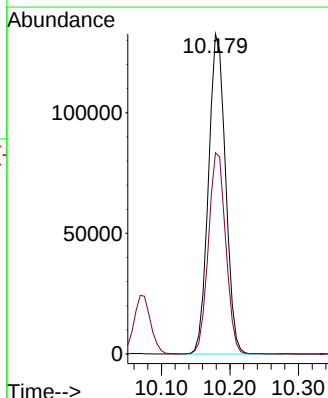
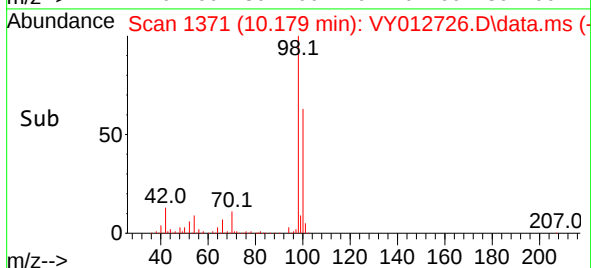
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

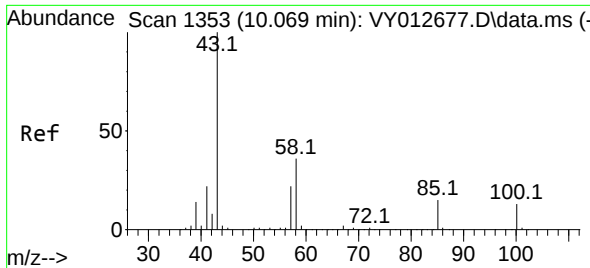


#50
Toluene-d8
Concen: 50.312 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 98 Resp: 229398
Ion Ratio Lower Upper
98 100
100 64.0 51.2 76.8





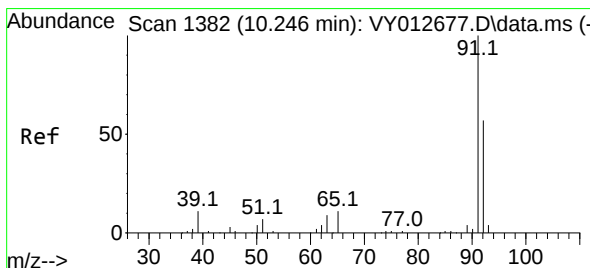
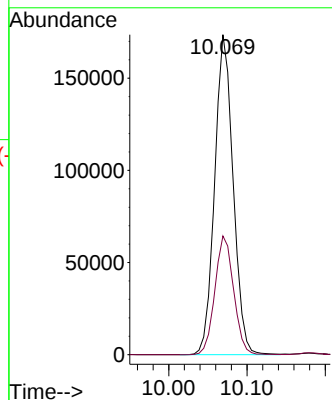
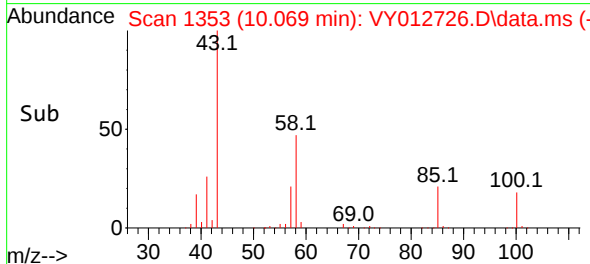
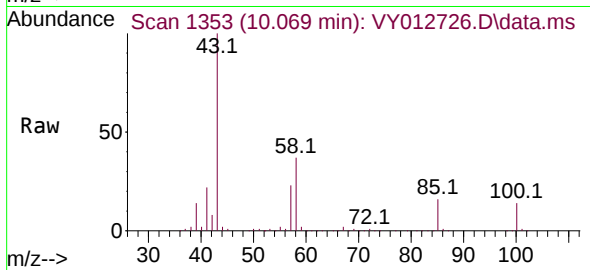
#51
4-Methyl-2-Pentanone
Concen: 234.425 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 28444
Ion Ratio Lower Upper
43 100
58 37.7 28.8 43.2

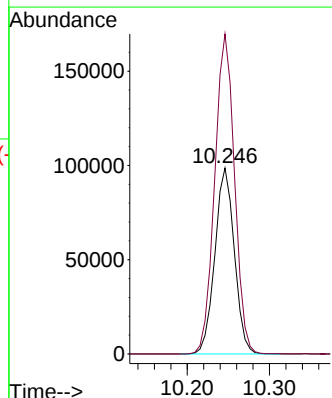
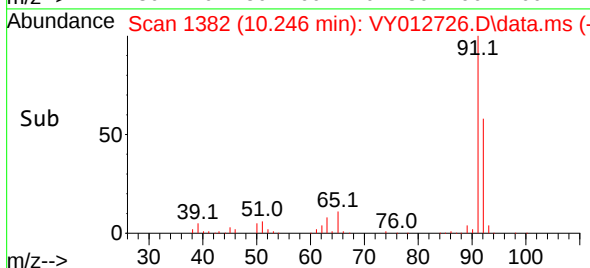
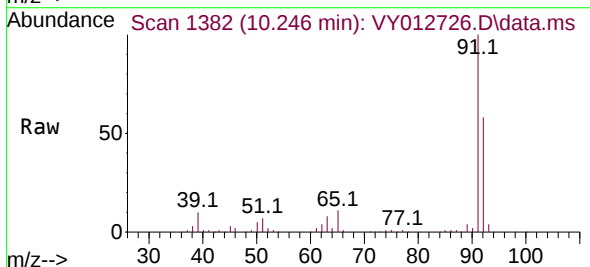
Manual Integrations
APPROVED

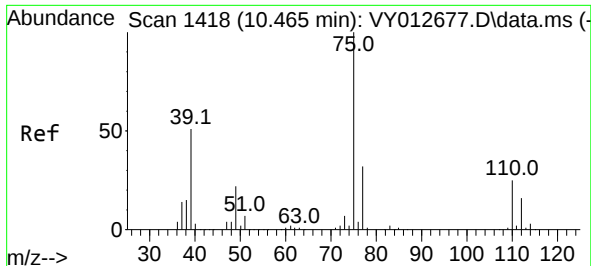
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#52
Toluene
Concen: 50.844 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

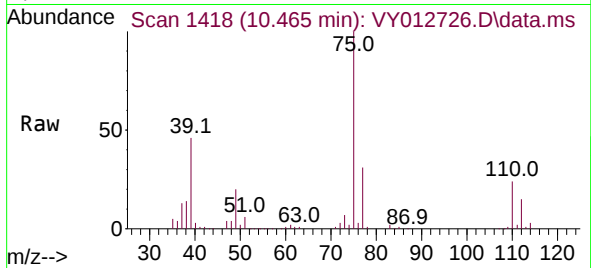
Tgt Ion: 92 Resp: 162220
Ion Ratio Lower Upper
92 100
91 175.4 139.5 209.3





#53
t-1,3-Dichloropropene
Concen: 49.425 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

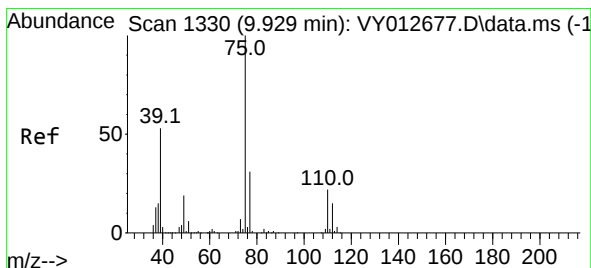
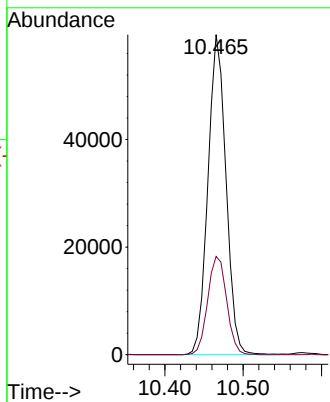
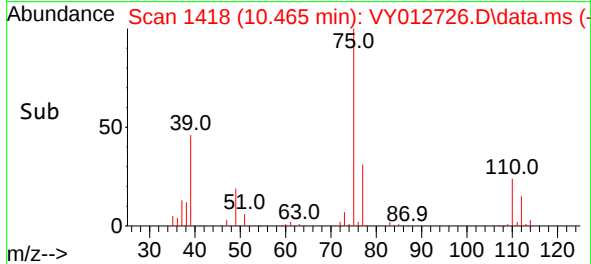
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 95069
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

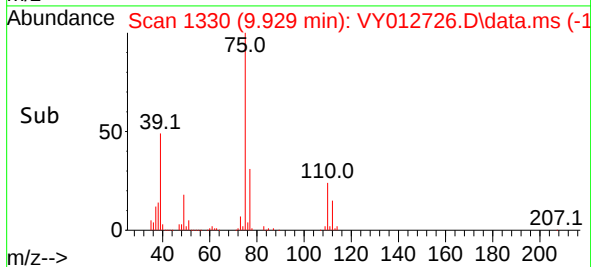
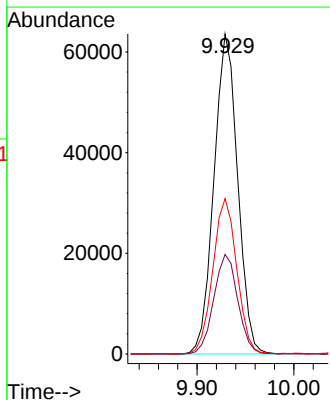
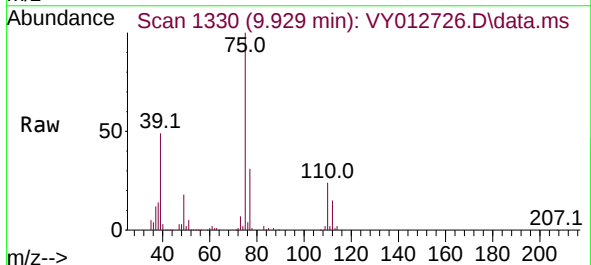
Manual Integrations
APPROVED

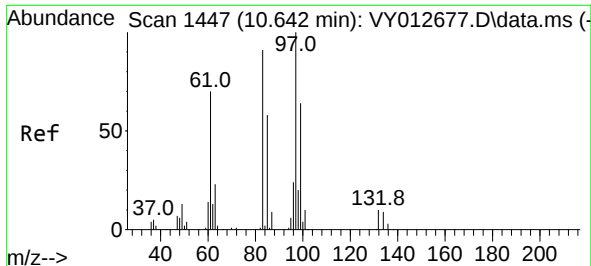
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#54
cis-1,3-Dichloropropene
Concen: 49.550 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion: 75 Resp: 107848
Ion Ratio Lower Upper
75 100
77 31.1 24.9 37.3
39 48.6 42.7 64.1





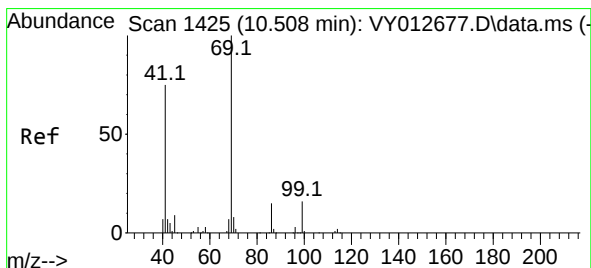
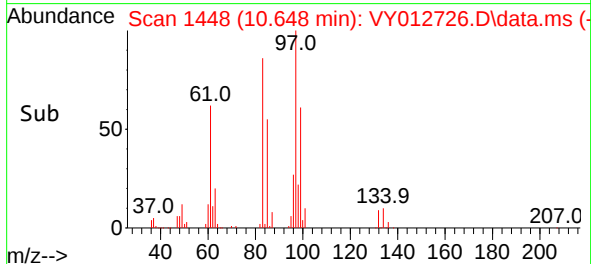
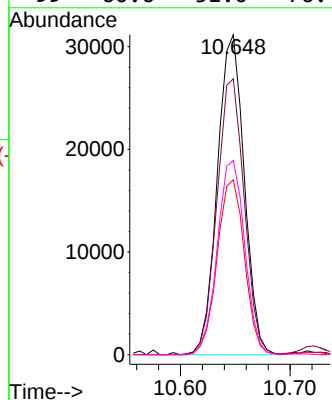
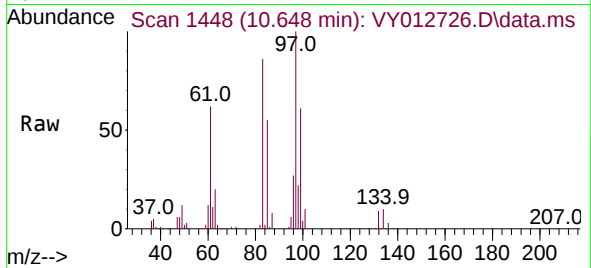
#55
1,1,2-Trichloroethane
Concen: 51.220 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97	Resp: 5319
Ion Ratio	Lower Upper
97 100	
83 86.2	73.1 109.7
85 54.6	46.1 69.1
99 60.6	51.0 76.4

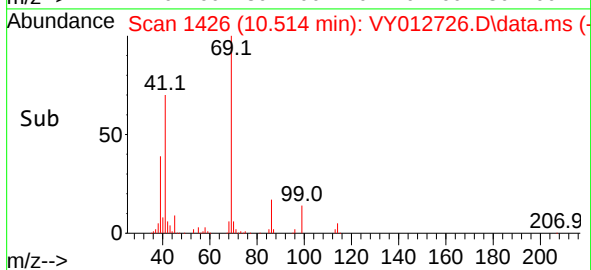
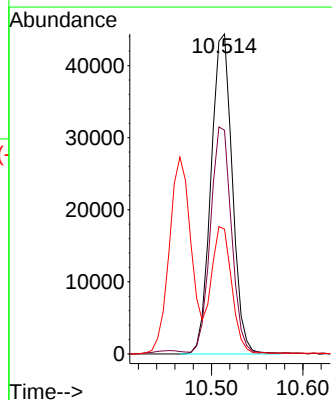
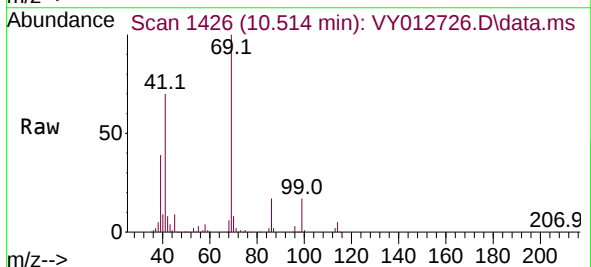
Manual Integrations
APPROVED

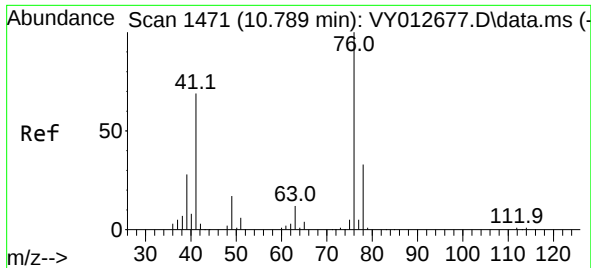
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#56
Ethyl methacrylate
Concen: 50.574 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

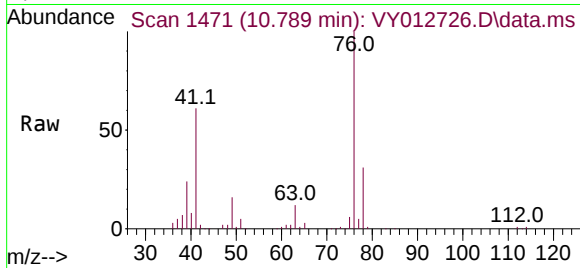
Tgt Ion: 69	Resp: 71728
Ion Ratio	Lower Upper
69 100	
41 70.6	60.2 90.4
39 38.1	32.4 48.6





#57
1,3-Dichloropropane
Concen: 49.481 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

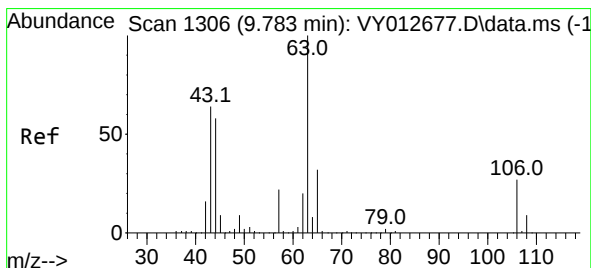
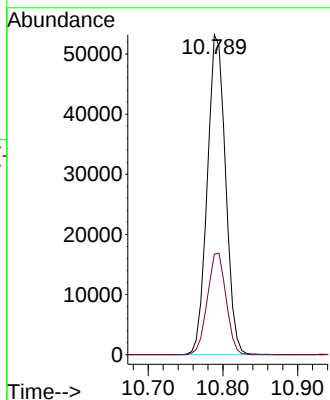
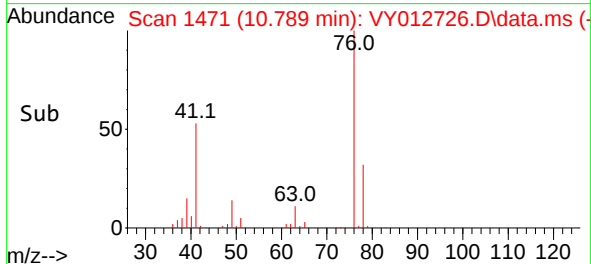
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 90319
Ion Ratio Lower Upper
76 100
78 32.5 25.7 38.5

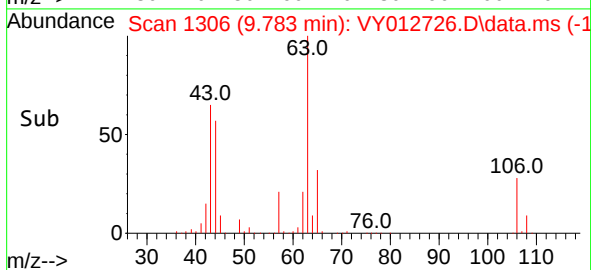
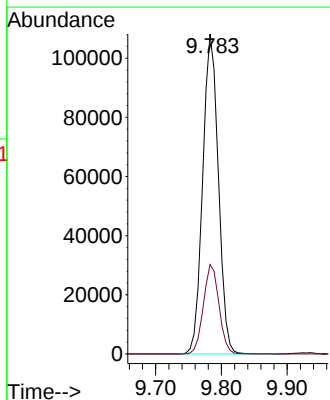
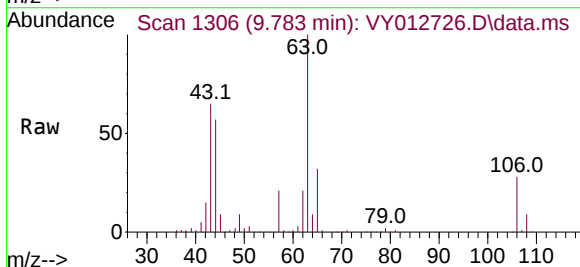
Manual Integrations
APPROVED

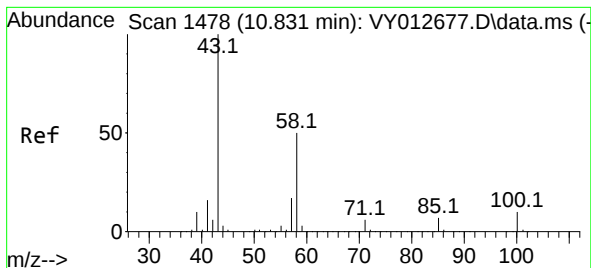
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#58
2-Chloroethyl Vinyl ether
Concen: 238.450 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

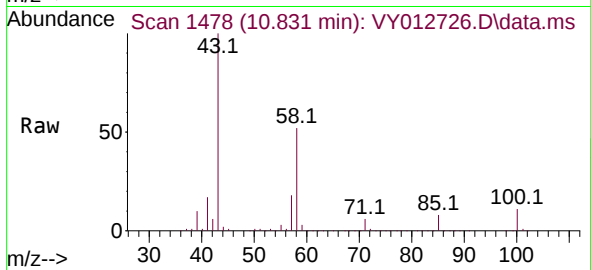
Tgt Ion: 63 Resp: 179067
Ion Ratio Lower Upper
63 100
106 27.8 21.0 31.6





#59
2-Hexanone
Concen: 259.878 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

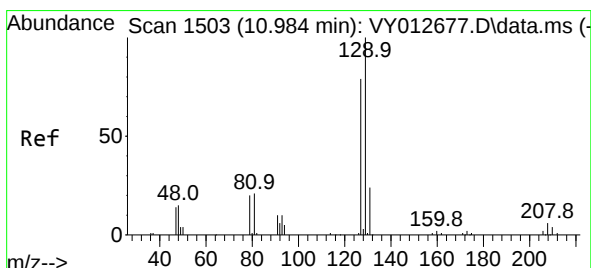
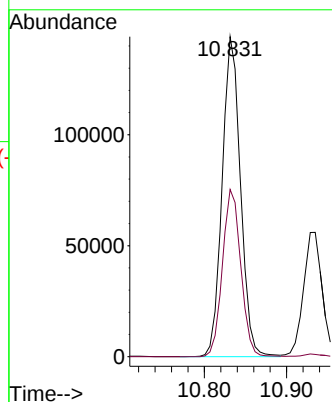
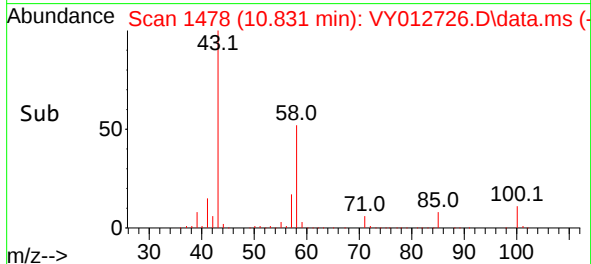
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 22354
Ion Ratio Lower Upper
43 100
58 52.3 24.9 74.6

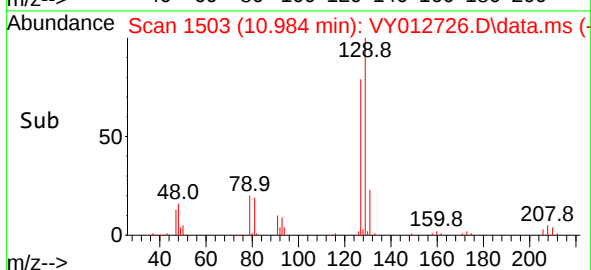
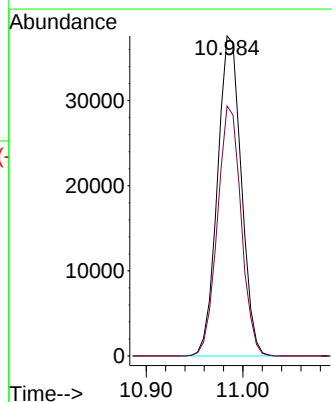
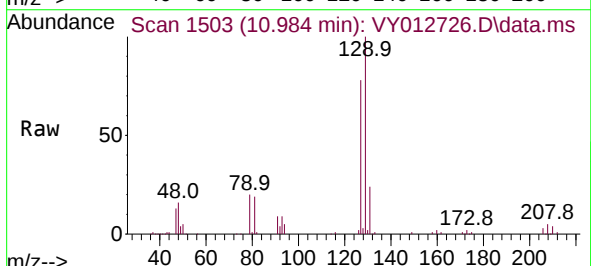
Manual Integrations
APPROVED

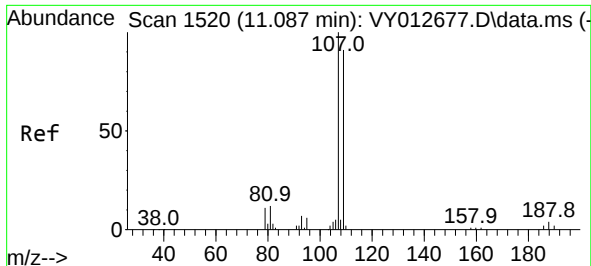
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 51.117 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:129 Resp: 64317
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.3





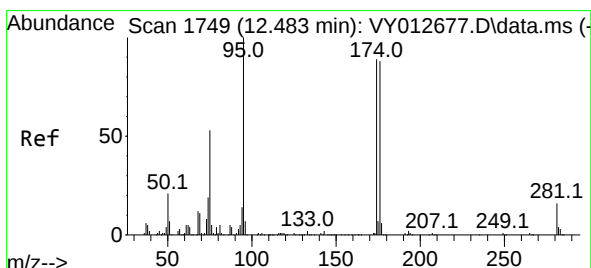
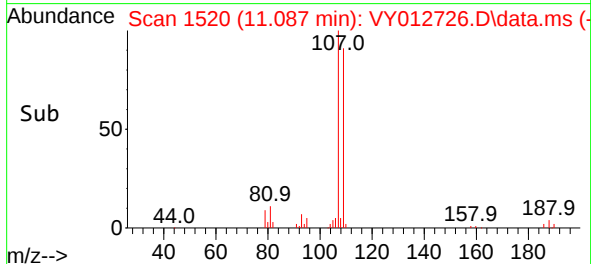
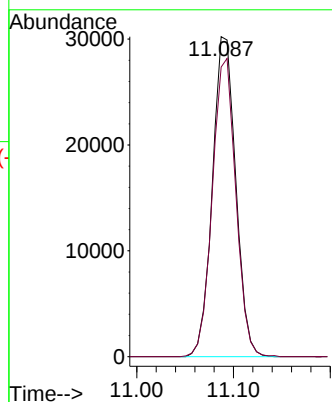
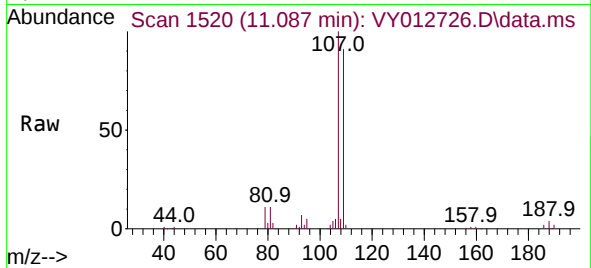
#61
1,2-Dibromoethane
Concen: 50.789 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 50534
Ion Ratio Lower Upper
107 100
109 93.9 74.8 112.2

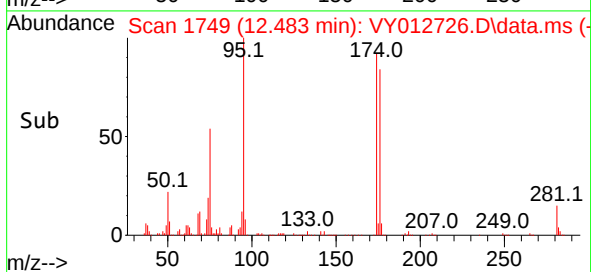
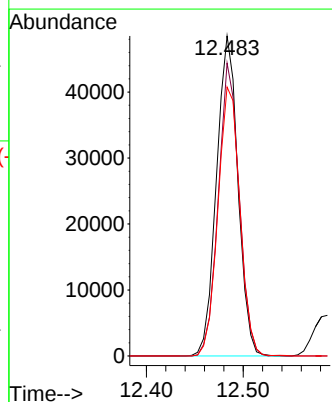
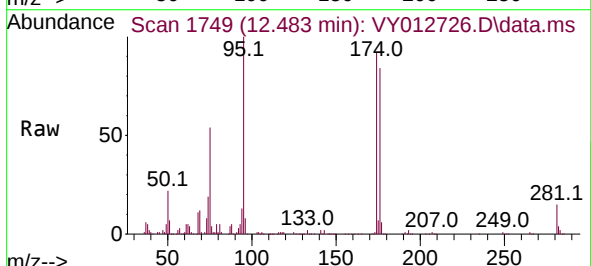
Manual Integrations
APPROVED

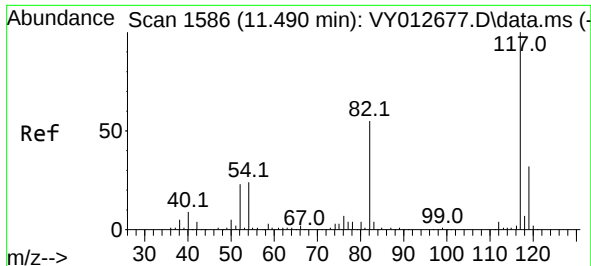
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 51.086 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

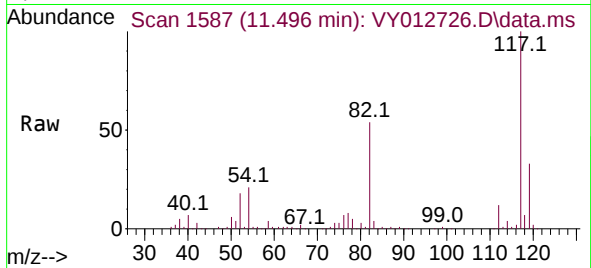
Tgt Ion: 95 Resp: 74539
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.8
176 85.9 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

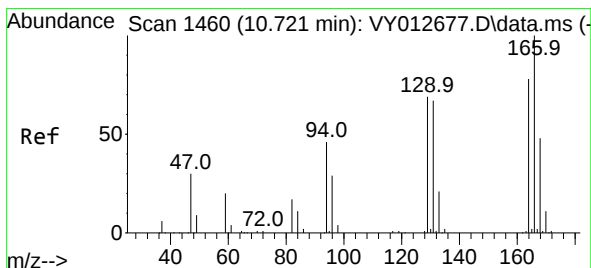
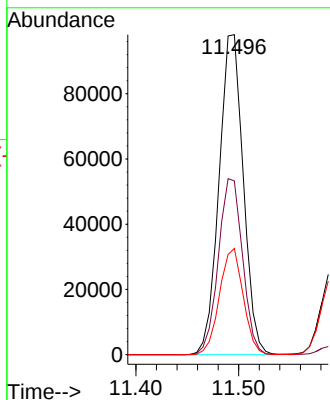
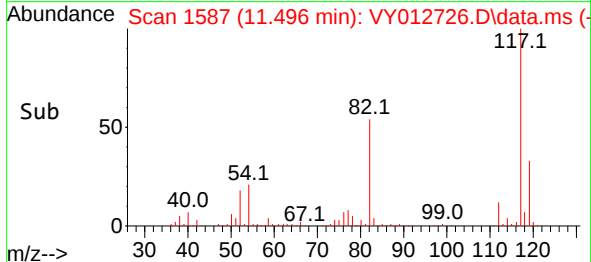
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 16062
Ion Ratio Lower Upper
117 100
82 54.3 44.1 66.1
119 33.2 25.5 38.3

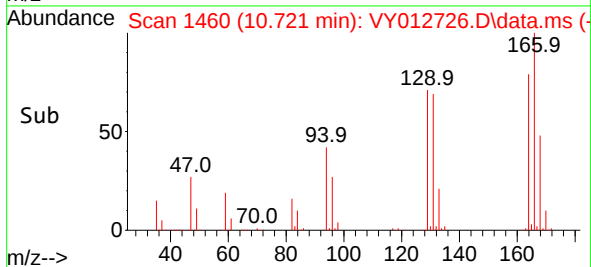
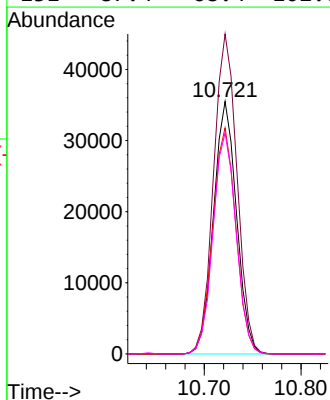
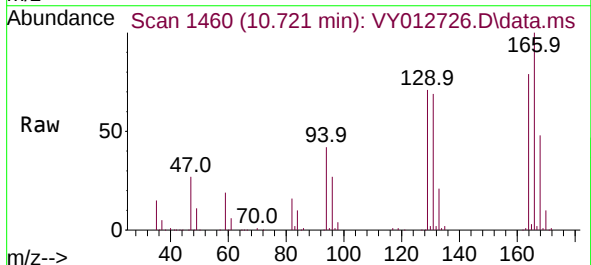
Manual Integrations
APPROVED

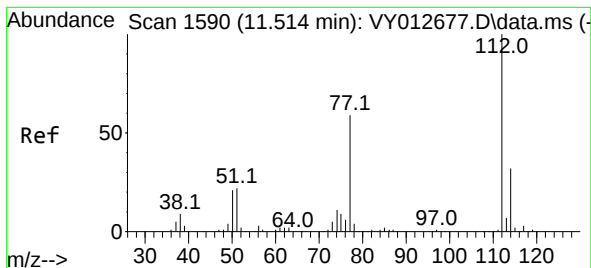
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#64
Tetrachloroethene
Concen: 50.099 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:164 Resp: 58527
Ion Ratio Lower Upper
164 100
166 126.7 102.2 153.4
129 89.5 71.0 106.6
131 87.4 68.4 102.6





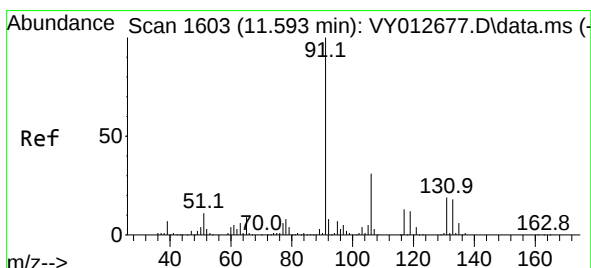
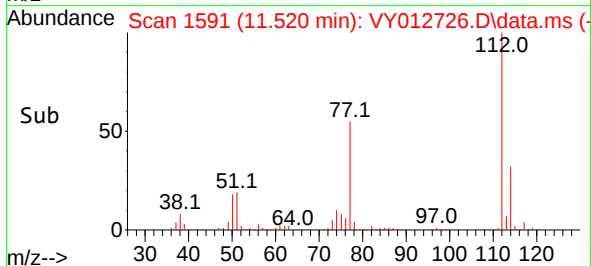
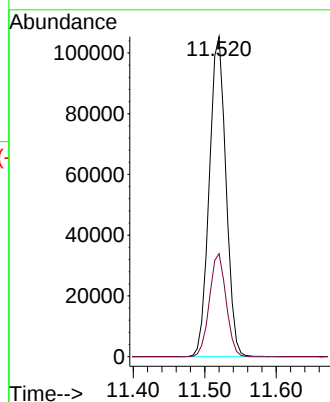
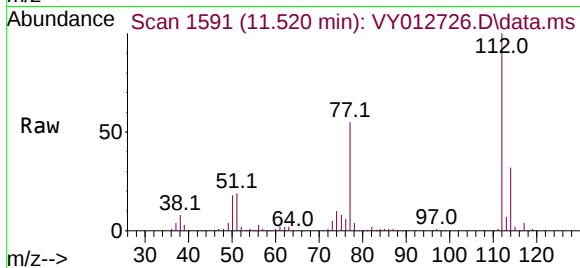
#65
Chlorobenzene
Concen: 49.560 ug/l
RT: 11.520 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 170709
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

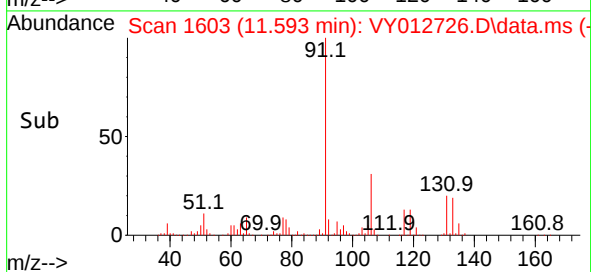
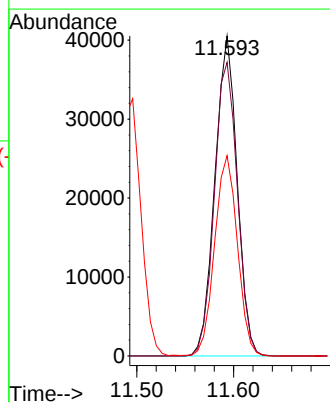
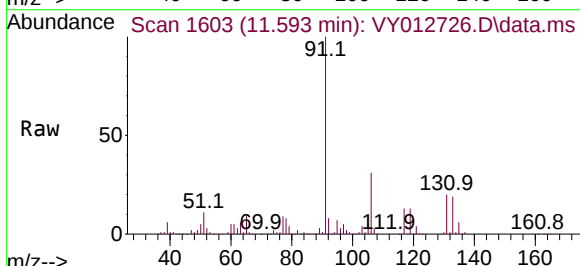
Manual Integrations
APPROVED

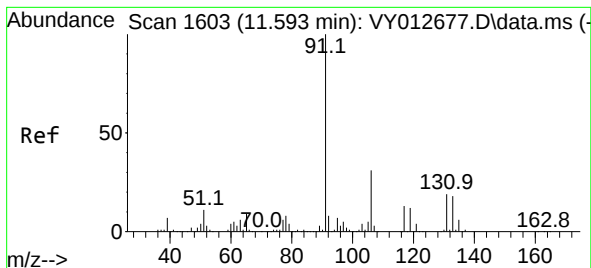
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.799 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:131 Resp: 64846
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 64.0 32.4 97.2





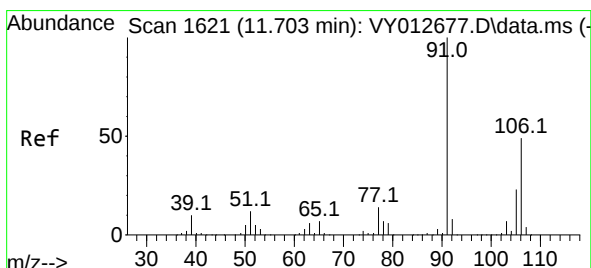
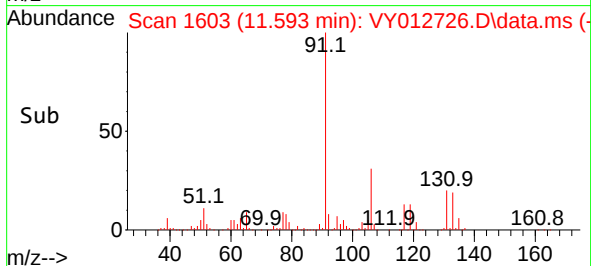
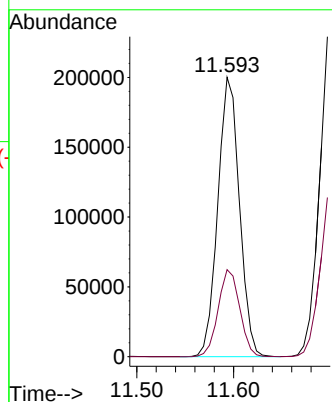
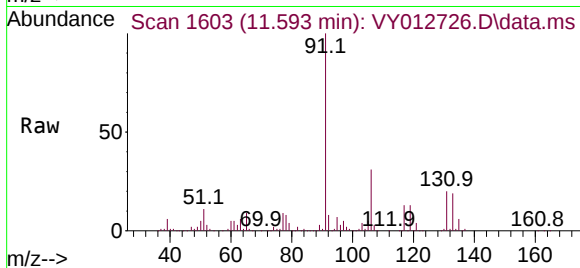
#67
Ethyl Benzene
Concen: 50.355 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 31003
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

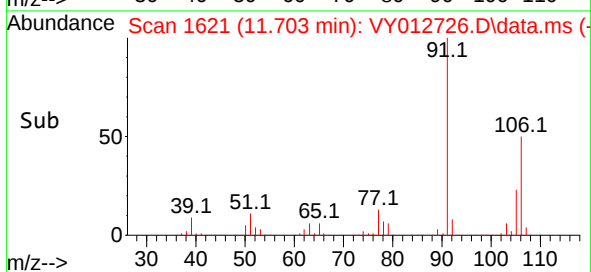
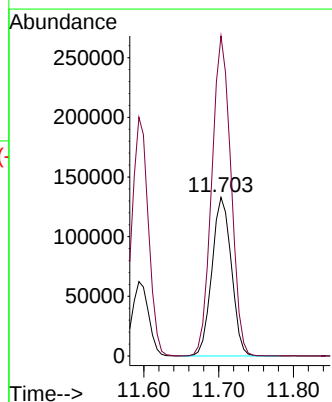
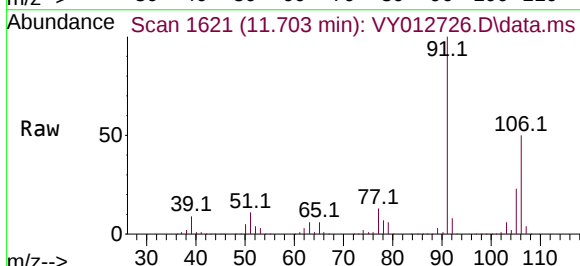
Manual Integrations
APPROVED

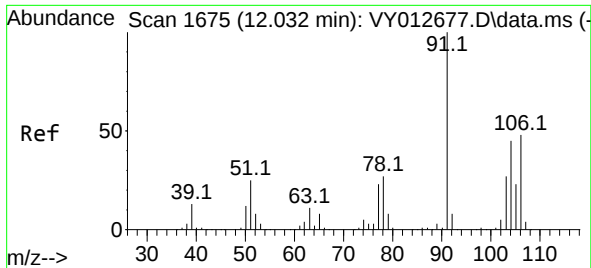
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#68
m/p-Xylenes
Concen: 102.311 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:106 Resp: 240299
Ion Ratio Lower Upper
106 100
91 199.4 163.2 244.8





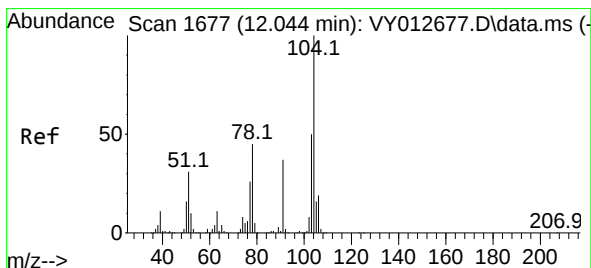
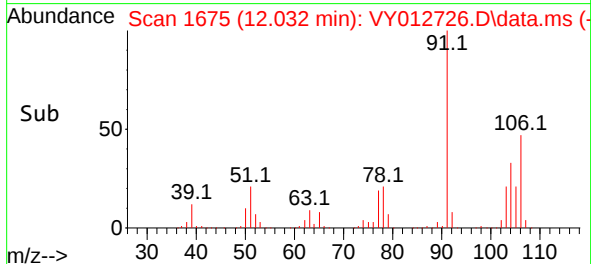
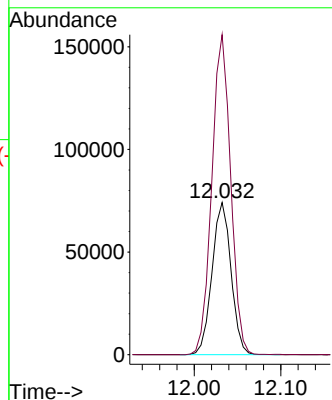
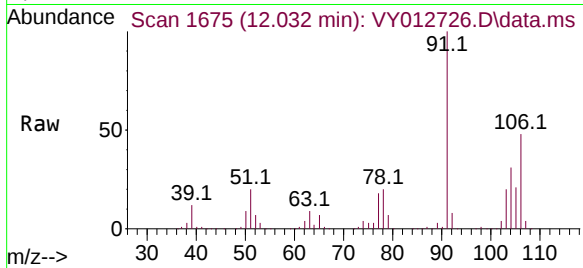
#69
o-Xylene
Concen: 51.948 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 113009
Ion Ratio Lower Upper
106 100
91 208.7 106.3 319.0

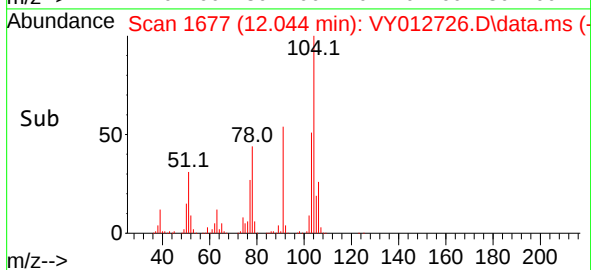
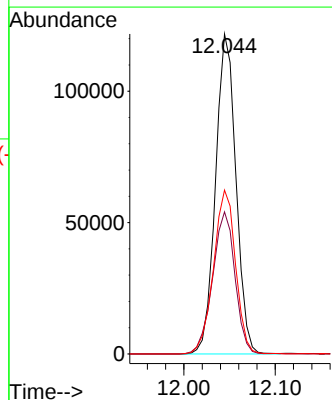
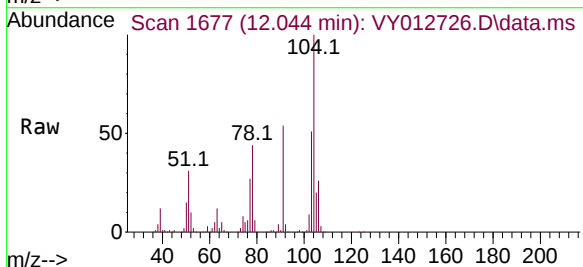
Manual Integrations
APPROVED

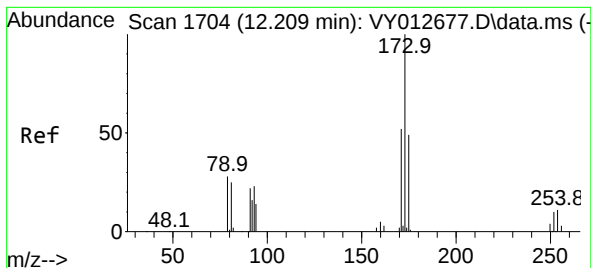
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 51.860 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:104 Resp: 189093
Ion Ratio Lower Upper
104 100
78 48.8 40.6 61.0
103 55.4 44.1 66.1





#71

Bromoform

Concen: 51.646 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

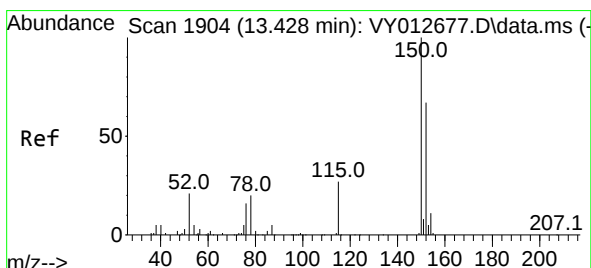
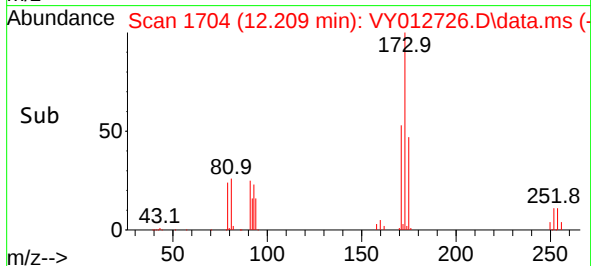
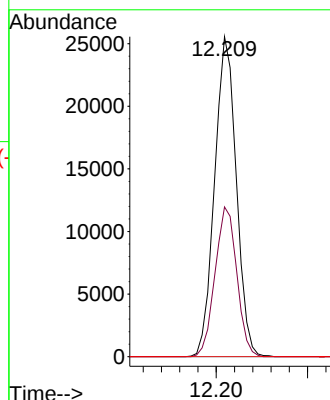
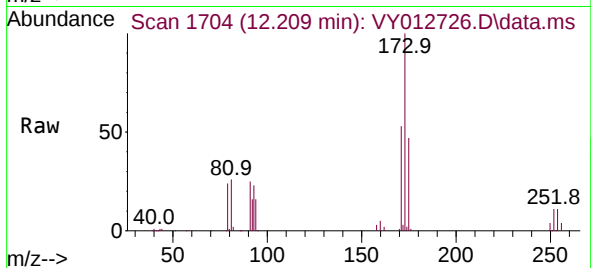
Tgt Ion:173	Resp:	42069
Ion Ratio	Lower	Upper
173	100	
175	47.0	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

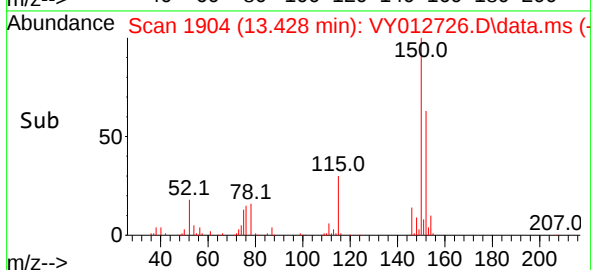
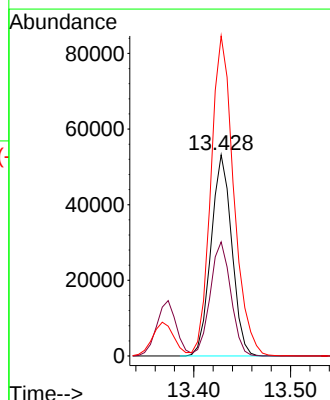
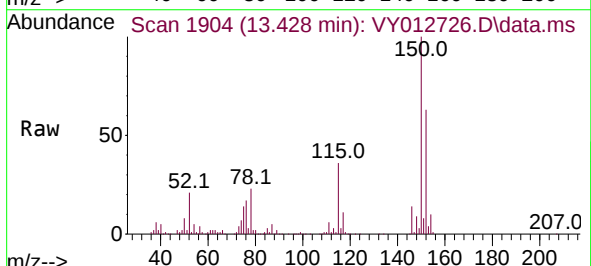
RT: 13.428 min Scan# 1904

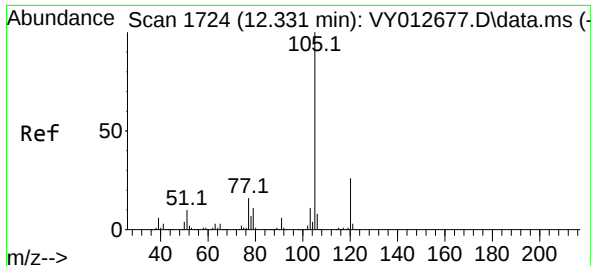
Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

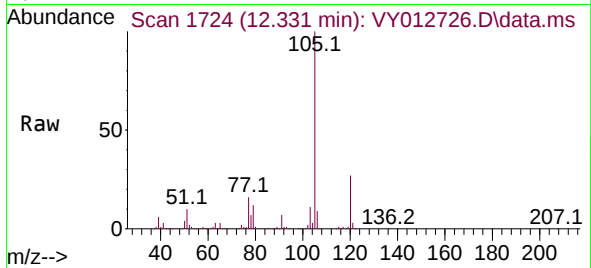
Tgt Ion:152	Resp:	79381
Ion Ratio	Lower	Upper
152	100	
115	56.2	28.7 86.3
150	175.4	0.0 347.6





#73
Isopropylbenzene
Concen: 50.979 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

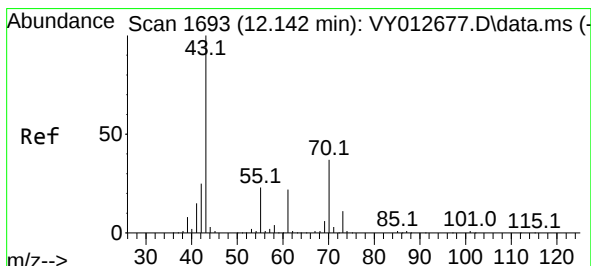
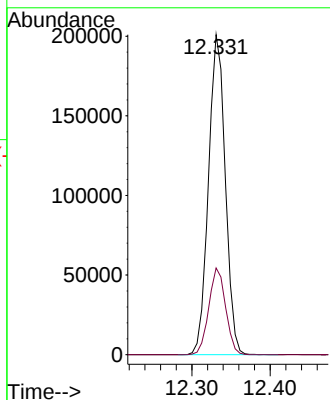
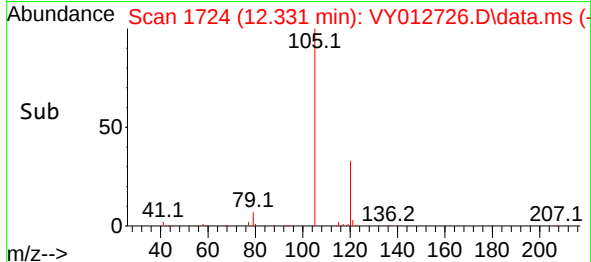
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 29905
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5

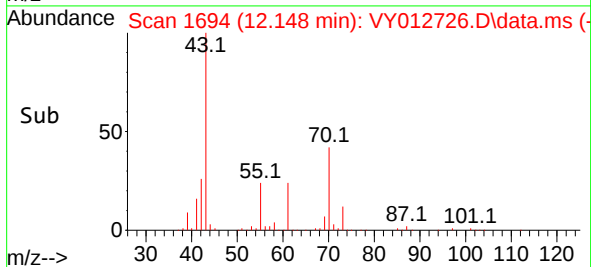
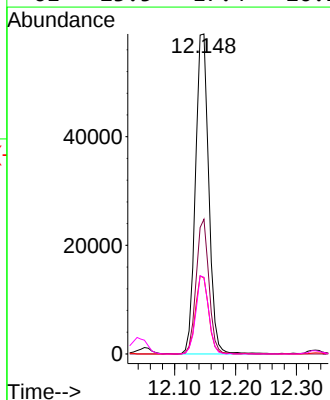
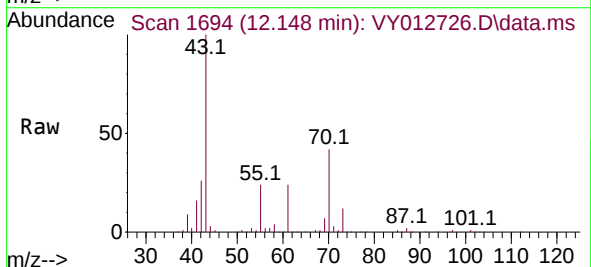
Manual Integrations
APPROVED

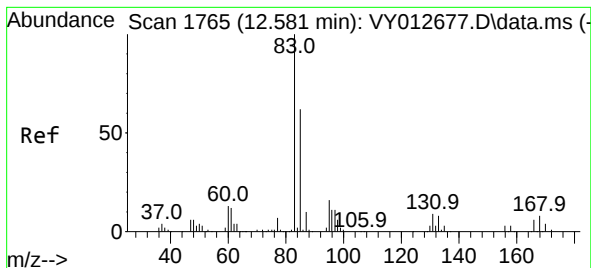
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#74
N-ethyl acetate
Concen: 46.253 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

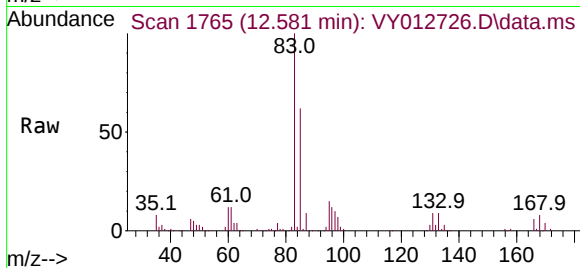
Tgt Ion: 43 Resp: 89194
Ion Ratio Lower Upper
43 100
70 40.5 29.8 44.6
55 24.2 18.2 27.2
61 23.5 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.845 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

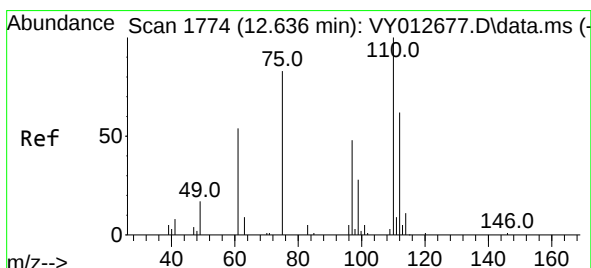
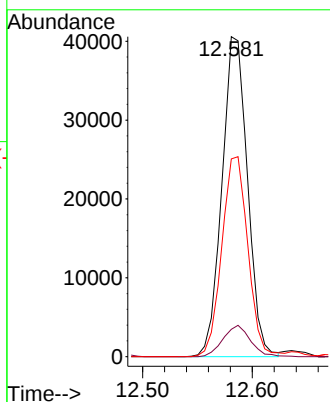
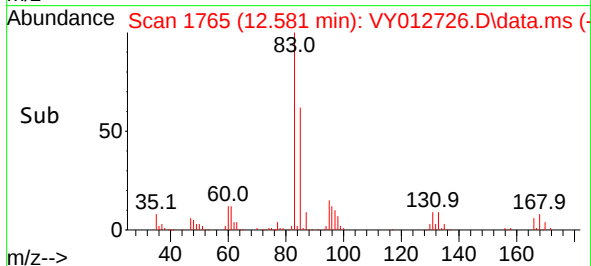
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



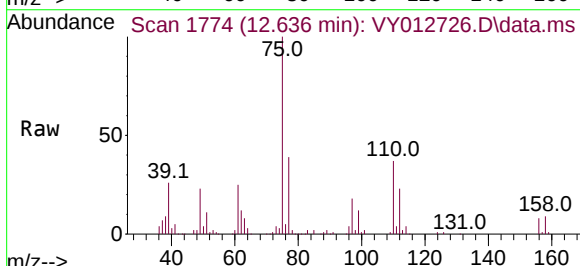
Tgt Ion: 83 Resp: 65744
Ion Ratio Lower Upper
83 100
131 10.5 5.0 15.0
85 63.8 31.6 95.0

Manual Integrations
APPROVED

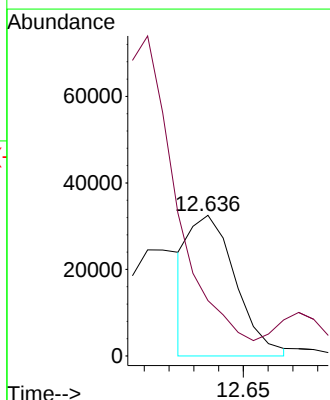
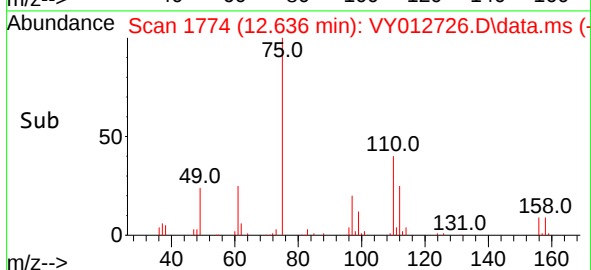
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

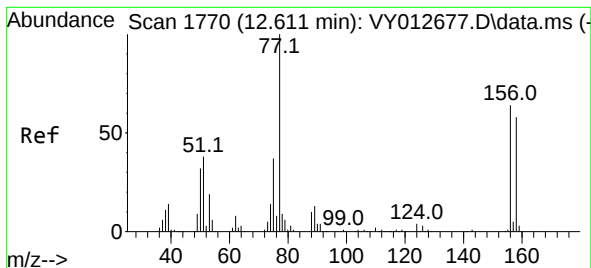


#76
1,2,3-Trichloropropane
Concen: 43.128 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 75 Resp: 42680
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.590 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

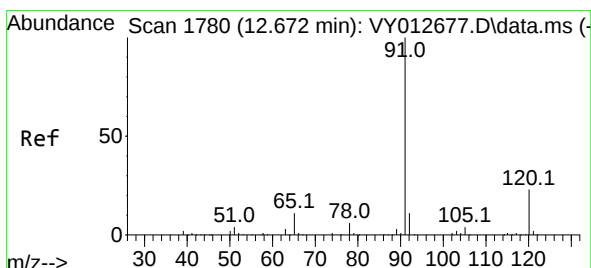
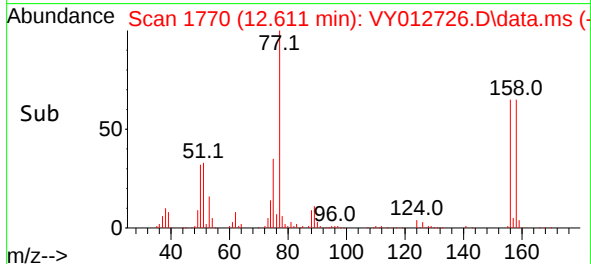
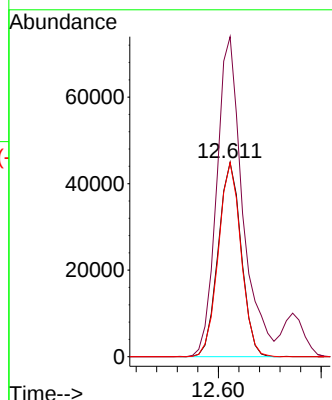
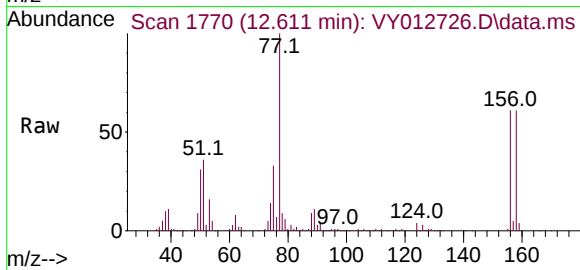
Tgt Ion:	156	Resp:	6970
Ion Ratio	Lower	Upper	
156	100		
77	185.5	96.3	288.8
158	98.5	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#78

n-propylbenzene

Concen: 50.582 ug/l

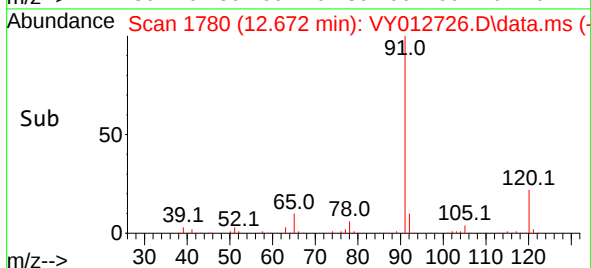
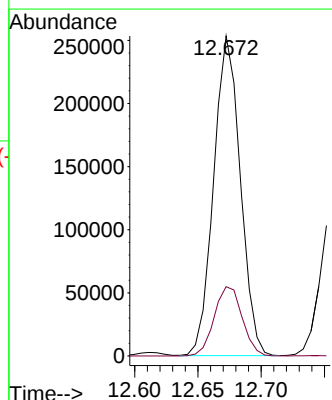
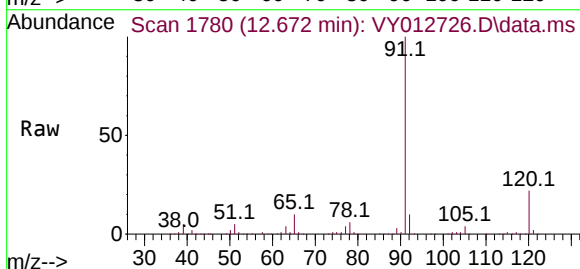
RT: 12.672 min Scan# 1780

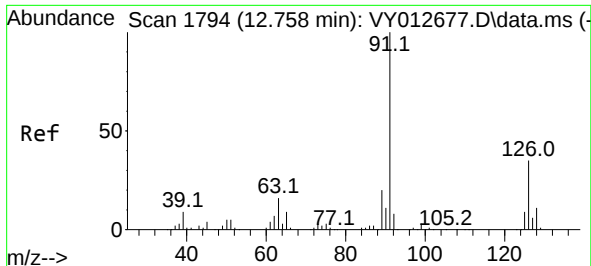
Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Tgt Ion:	91	Resp:	371150
Ion Ratio	Lower	Upper	
91	100		
120	22.7	11.3	33.8





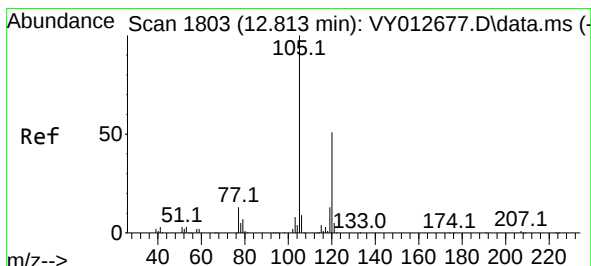
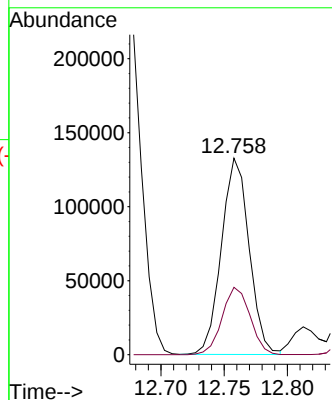
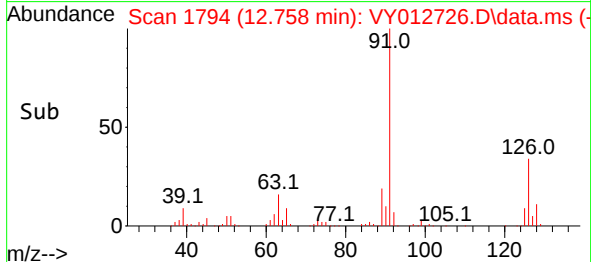
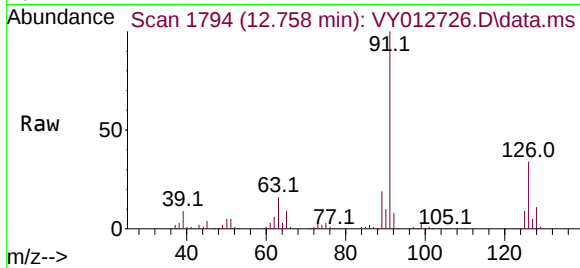
#79
2-Chlorotoluene
Concen: 49.692 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 20256
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

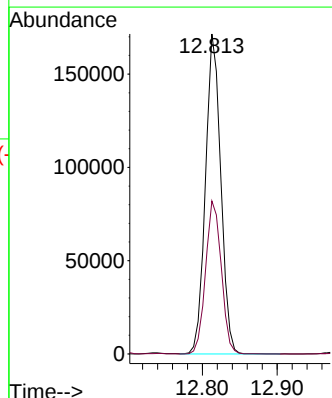
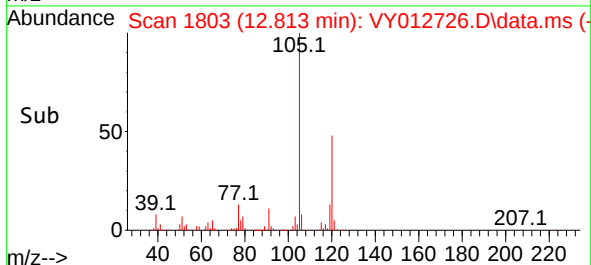
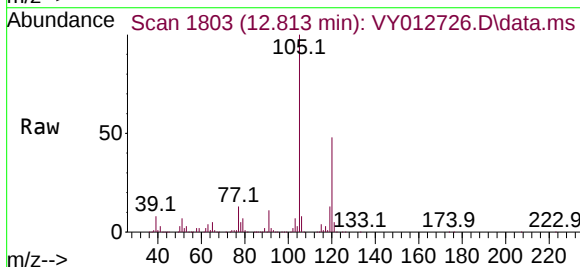
Manual Integrations
APPROVED

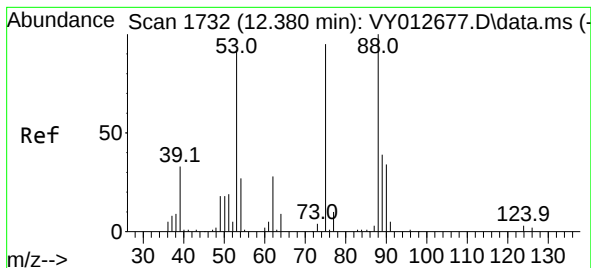
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.838 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:105 Resp: 244215
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





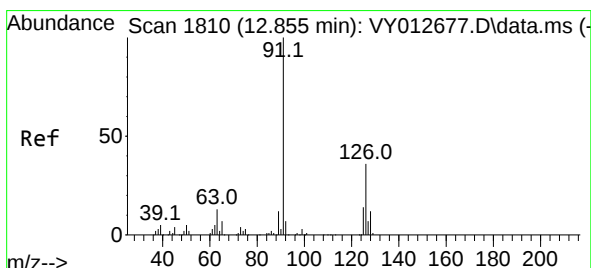
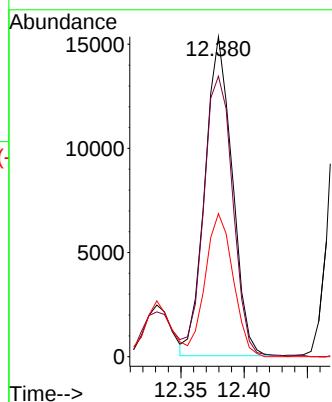
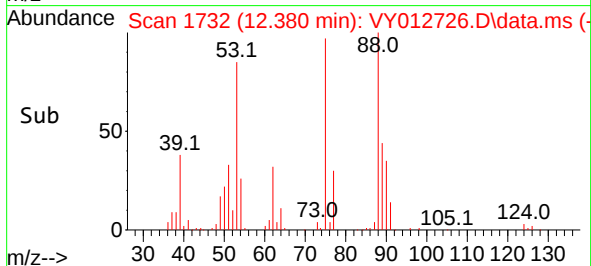
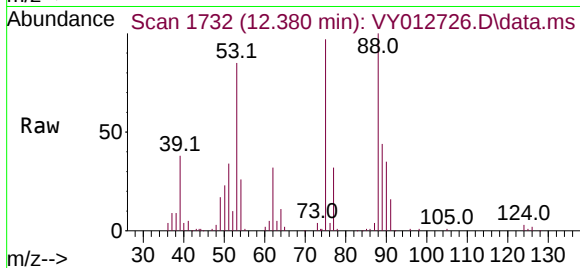
#81
trans-1,4-Dichloro-2-butene
Concen: 49.185 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 22970
Ion Ratio Lower Upper
75 100
53 94.0 80.4 120.6
89 45.6 36.5 54.7

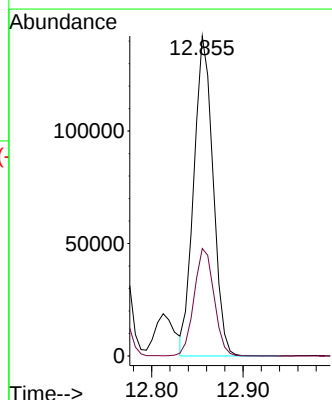
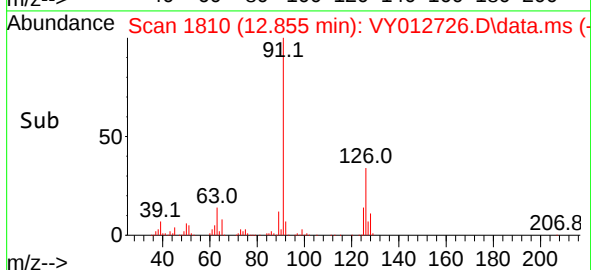
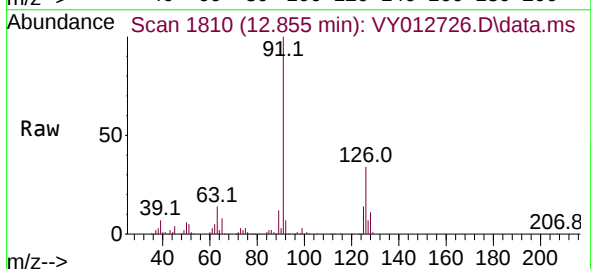
Manual Integrations
APPROVED

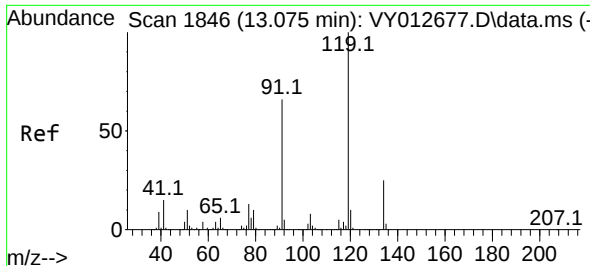
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
4-Chlorotoluene
Concen: 49.264 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion: 91 Resp: 208281
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.5





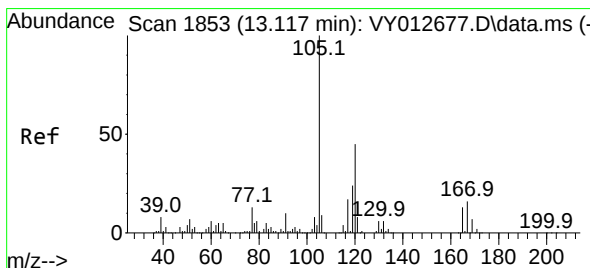
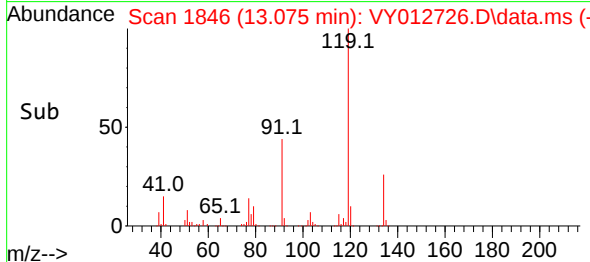
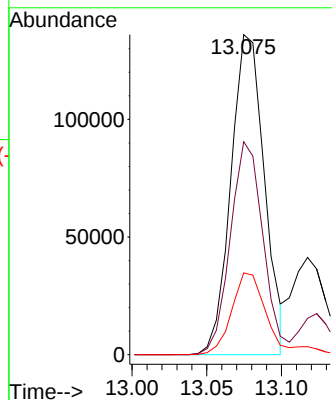
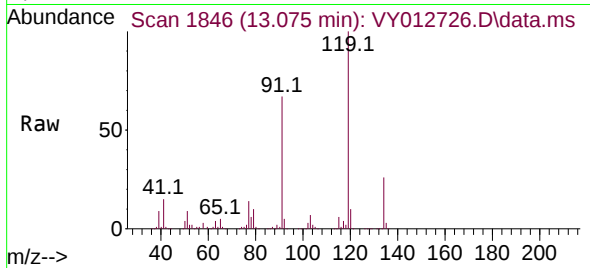
#83
tert-Butylbenzene
Concen: 50.738 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 212302
Ion Ratio Lower Upper
119 100
91 65.1 32.4 97.2
134 27.3 13.6 40.8

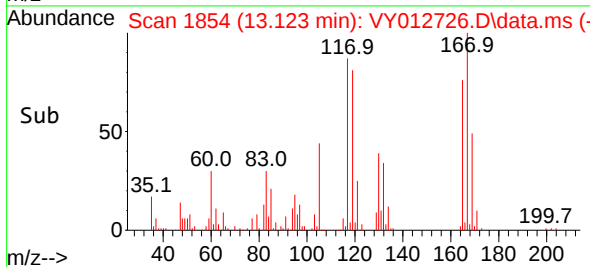
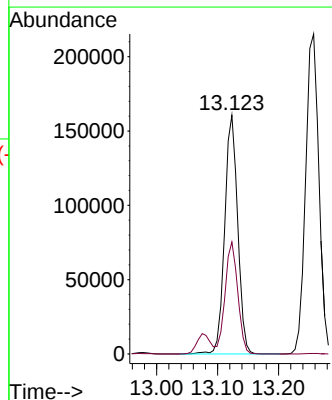
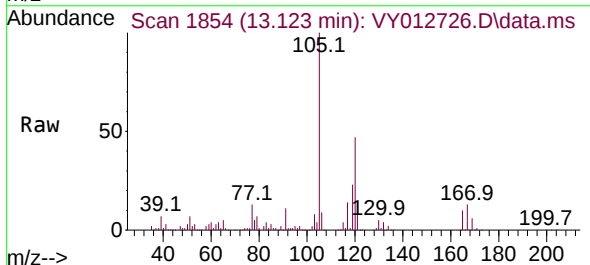
Manual Integrations
APPROVED

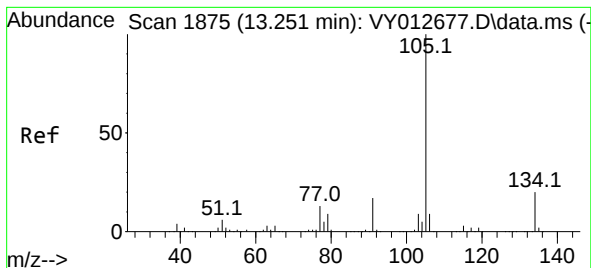
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.745 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

Tgt Ion:105 Resp: 238289
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.0





#85

sec-Butylbenzene

Concen: 51.103 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.007 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 32534

Ion Ratio Lower Upper

105 100

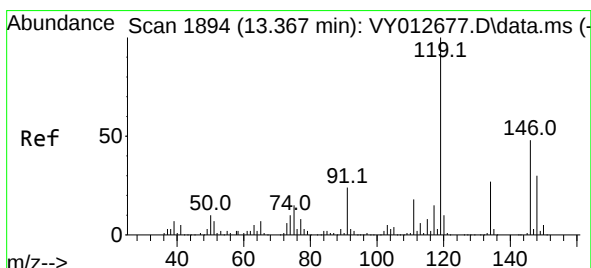
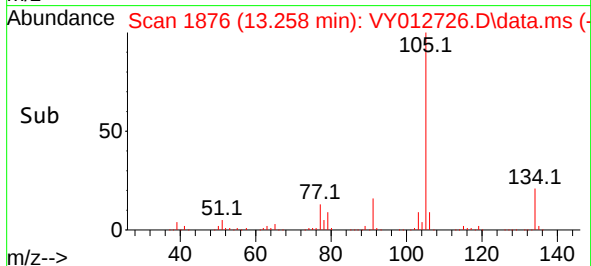
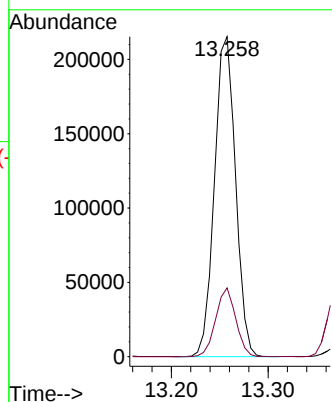
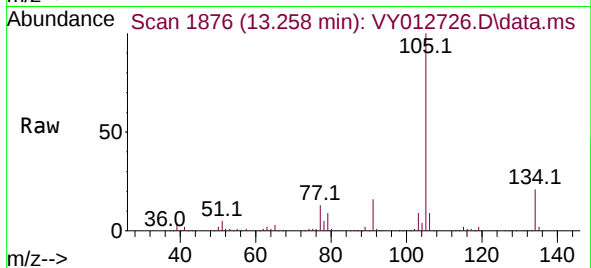
134 20.4 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#86

p-Isopropyltoluene

Concen: 50.313 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

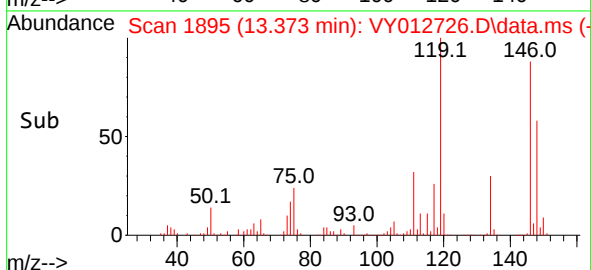
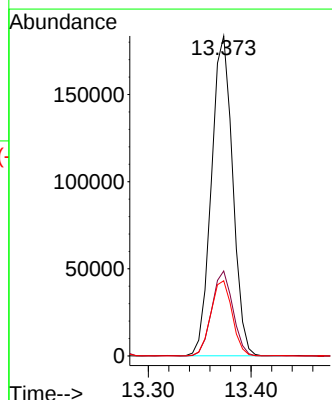
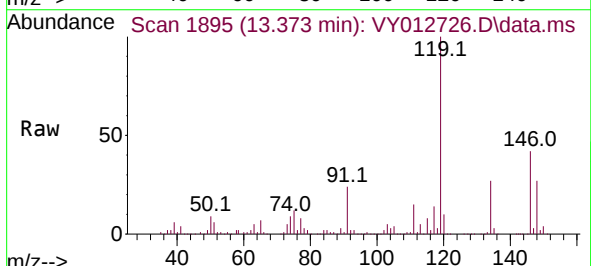
Tgt Ion:119 Resp: 263795

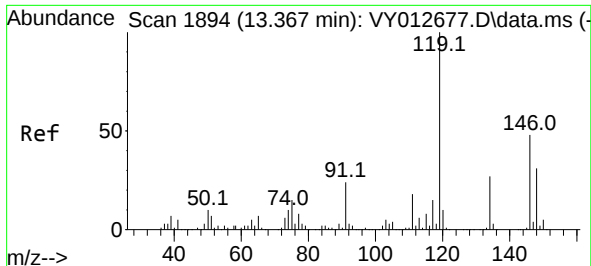
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 23.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 49.244 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 13557

Ion Ratio Lower Upper

146 100

111 38.2 19.6 58.7

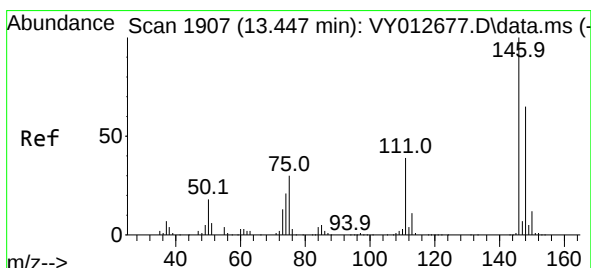
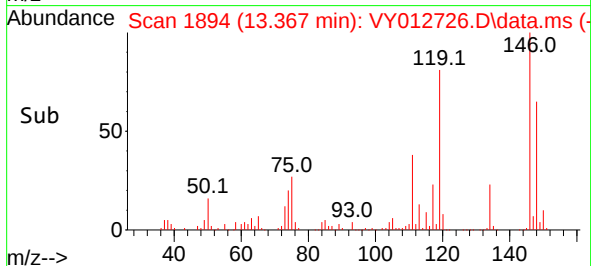
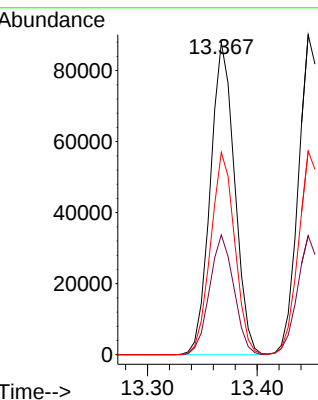
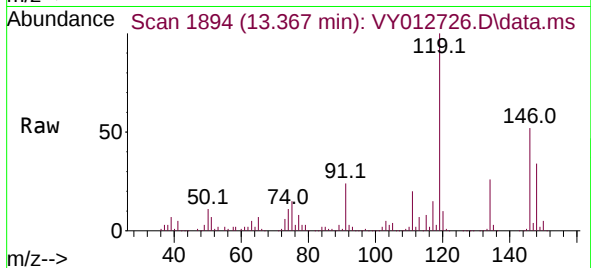
148 64.3 31.3 93.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#88

1,4-Dichlorobenzene

Concen: 48.406 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

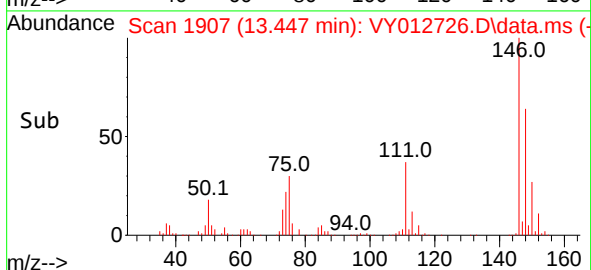
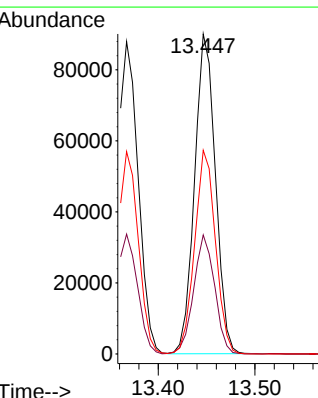
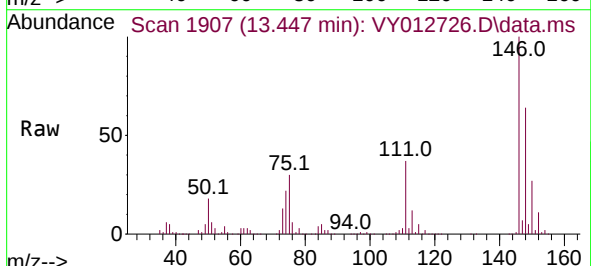
Tgt Ion:146 Resp: 135141

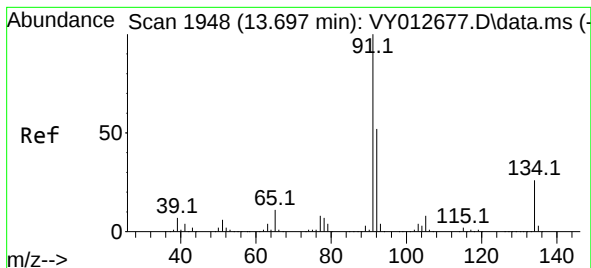
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

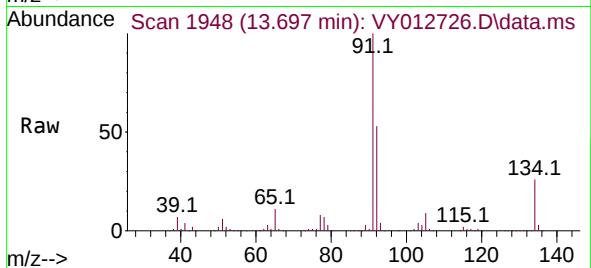
148 63.8 32.0 96.0





#89
n-Butylbenzene
Concen: 49.864 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

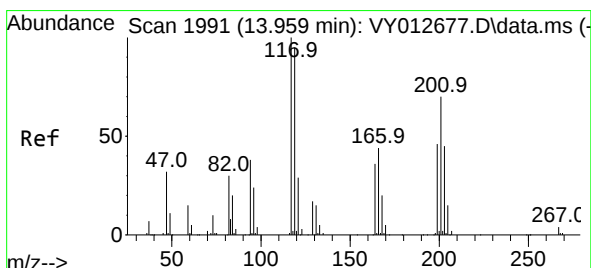
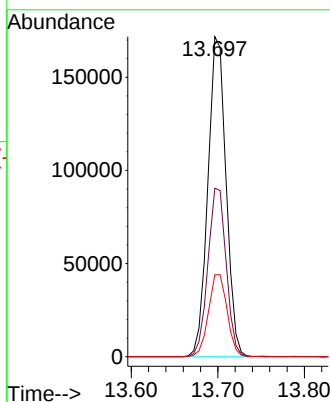
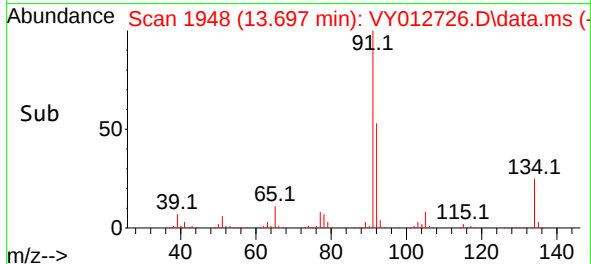
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 250382
Ion Ratio Lower Upper
91 100
92 53.1 26.3 78.8
134 26.3 13.0 38.9

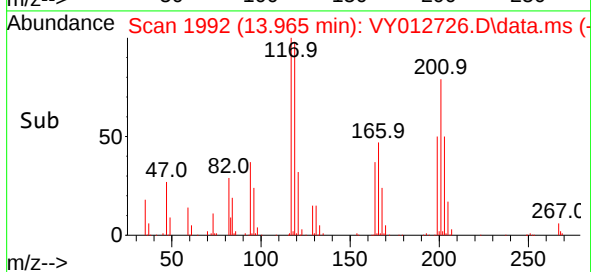
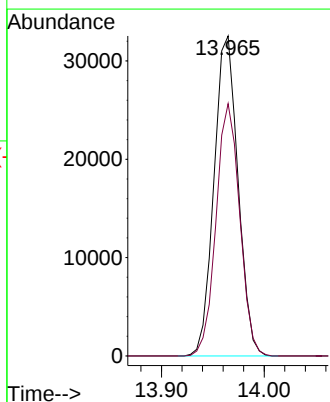
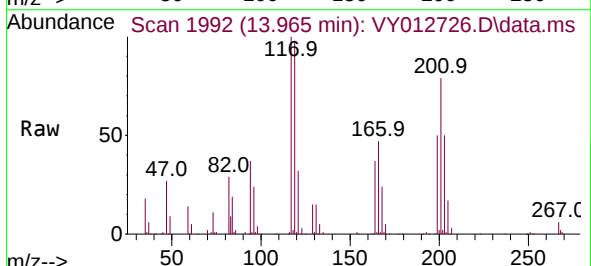
Manual Integrations
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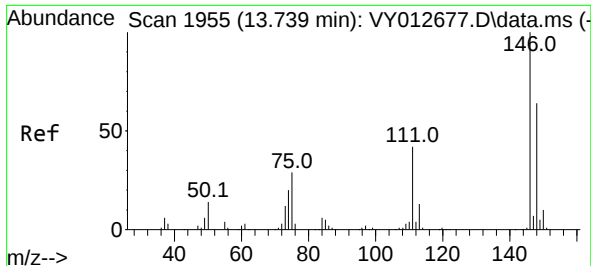
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 49.579 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

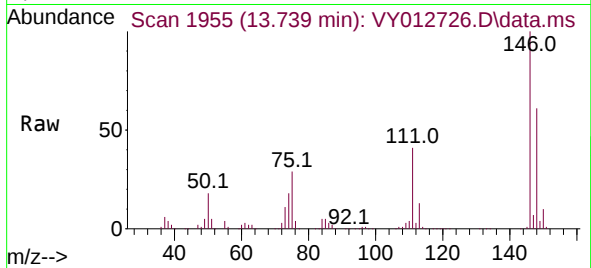
Tgt Ion:117 Resp: 52754
Ion Ratio Lower Upper
117 100
201 77.6 38.3 114.8





#91
1,2-Dichlorobenzene
Concen: 49.634 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

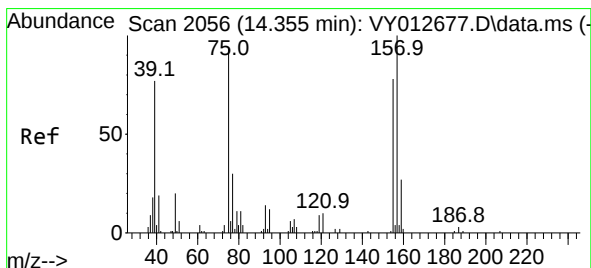
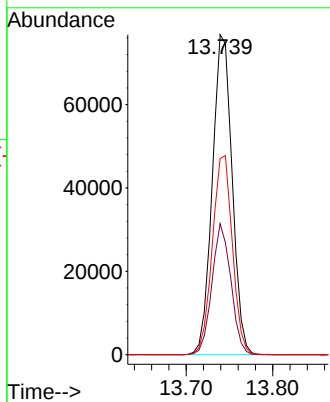
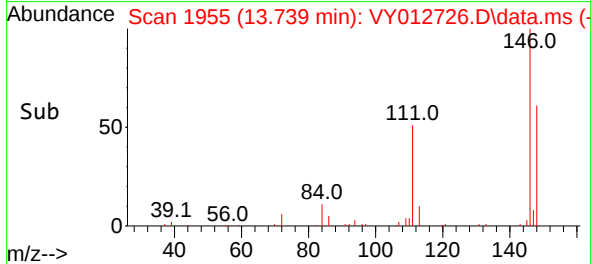
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



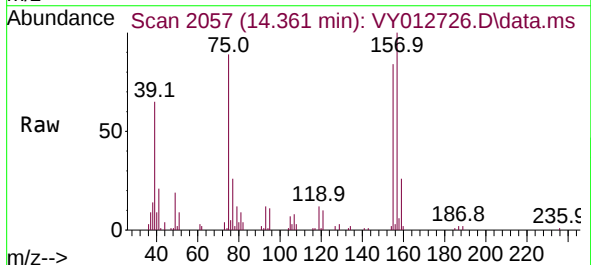
Tgt Ion:146 Resp: 122038
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.8
148 63.0 31.9 95.7

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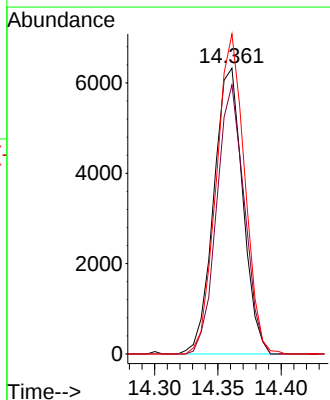
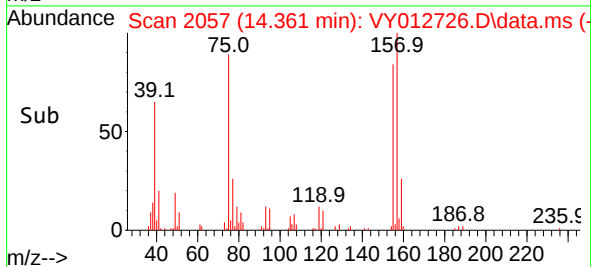
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

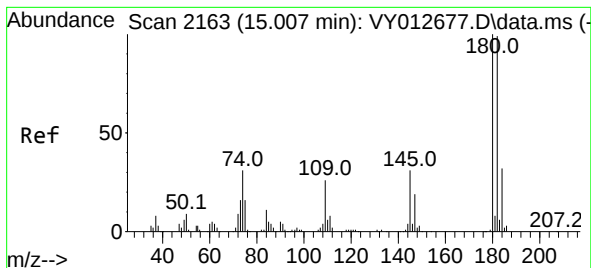


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.515 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion: 75 Resp: 10085
Ion Ratio Lower Upper
75 100
155 89.5 43.6 130.8
157 108.9 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 46.411 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

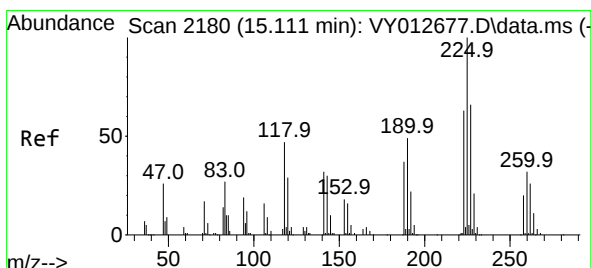
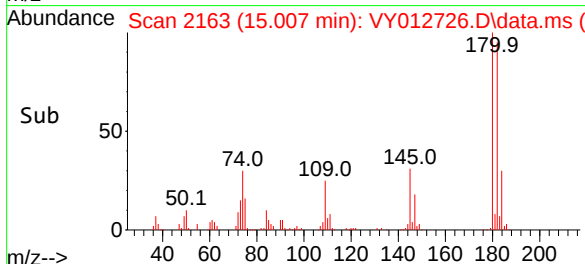
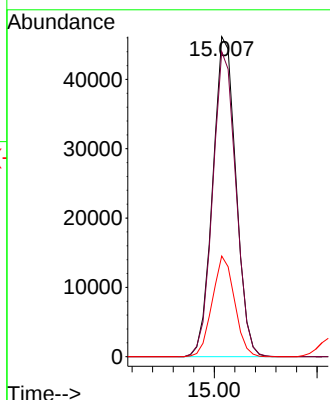
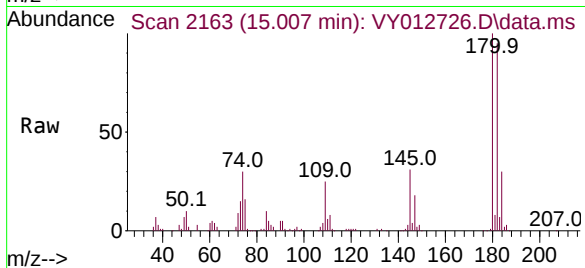
Tgt Ion:180	Resp:	7217
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.0 144.2
145	30.3	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#94

Hexachlorobutadiene

Concen: 46.013 ug/l

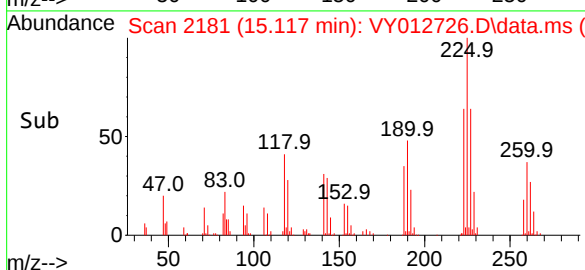
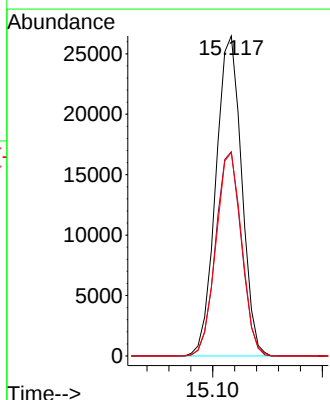
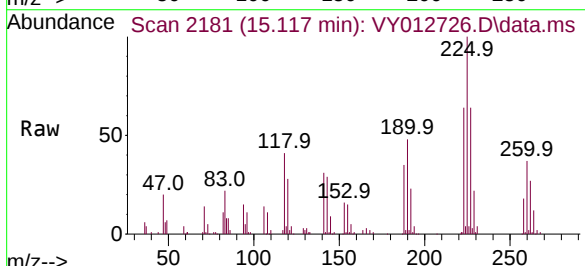
RT: 15.117 min Scan# 2181

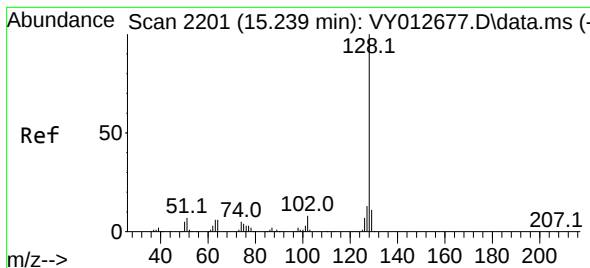
Delta R.T. 0.006 min

Lab File: VY012726.D

Acq: 27 Feb 2023 10:13

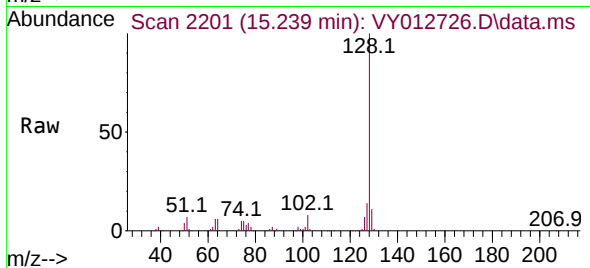
Tgt Ion:225	Resp:	43183
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.7 95.1
227	63.7	32.3 96.8





#95
Naphthalene
Concen: 47.335 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13

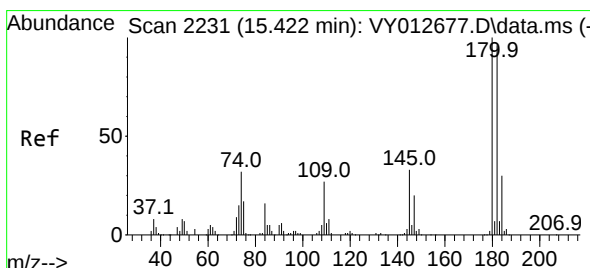
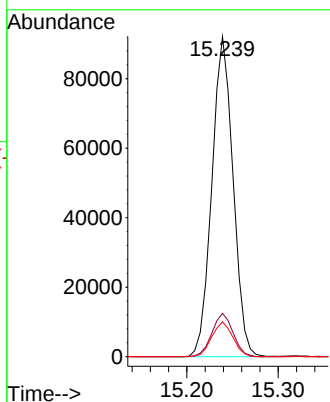
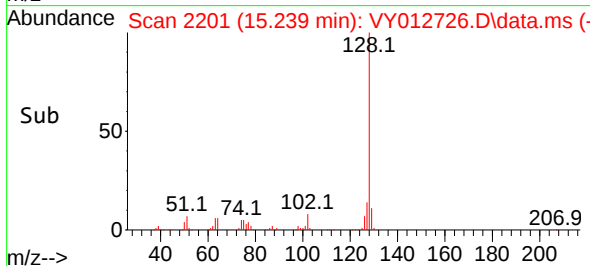
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



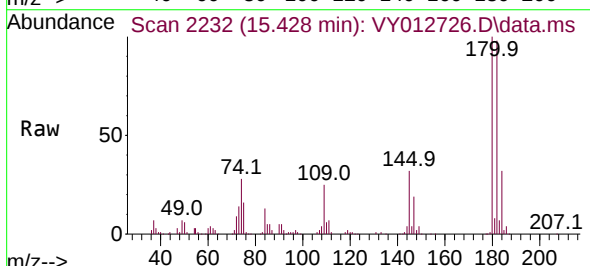
Tgt Ion:128 Resp: 148732
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.677 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY012726.D
Acq: 27 Feb 2023 10:13



Tgt Ion:180 Resp: 62871
Ion Ratio Lower Upper
180 100
182 97.4 48.5 145.6
145 31.1 16.1 48.2

