

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016226.D
 Acq On : 06 Nov 2023 09:35
 Operator : SY/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 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

Quant Time: Nov 06 23:53:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166968	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	267015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	80777	51.701	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.400%			
35) Dibromofluoromethane	7.722	113	80334	50.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.940%			
50) Toluene-d8	10.185	98	321621	50.958	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.920%			
62) 4-Bromofluorobenzene	12.489	95	105469	48.870	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51311	48.176	ug/l	100
3) Chloromethane	2.113	50	63879	43.318	ug/l	95
4) Vinyl Chloride	2.253	62	73340	48.187	ug/l	98
5) Bromomethane	2.650	94	48746	47.458	ug/l	98
6) Chloroethane	2.796	64	49768	46.447	ug/l	98
7) Trichlorofluoromethane	3.125	101	117834	51.283	ug/l	98
8) Diethyl Ether	3.528	74	38559	50.633	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	73640	50.873	ug/l	95
10) Methyl Iodide	4.088	142	79200	49.204	ug/l	97
11) Tert butyl alcohol	4.954	59	26872	230.201	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	65398	49.500	ug/l	92
13) Acrolein	3.729	56	31845	298.523	ug/l	97
14) Allyl chloride	4.479	41	101452	53.685	ug/l #	95
15) Acrylonitrile	5.161	53	84998	261.196	ug/l	97
16) Acetone	3.948	43	65877	265.308	ug/l	93
17) Carbon Disulfide	4.198	76	159114	48.239	ug/l	98
18) Methyl Acetate	4.479	43	65908	52.455	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	192092	51.114	ug/l	99
20) Methylene Chloride	4.716	84	76534	48.043	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	75527	49.077	ug/l	95
22) Diisopropyl ether	6.119	45	235345	51.488	ug/l	89
23) Vinyl Acetate	6.058	43	577338	257.257	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	139691	51.064	ug/l	97
25) 2-Butanone	6.984	43	110405	256.134	ug/l	95
26) 2,2-Dichloropropane	6.984	77	129902	50.233	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	91839	50.709	ug/l	91
28) Bromochloromethane	7.332	49	56299	54.997	ug/l	90
29) Tetrahydrofuran	7.350	42	70631	261.400	ug/l	91
30) Chloroform	7.509	83	149660	50.250	ug/l	95
31) Cyclohexane	7.783	56	113679	47.332	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	134554	49.263	ug/l	97
36) 1,1-Dichloropropene	7.917	75	111168	48.363	ug/l	100
37) Ethyl Acetate	7.070	43	50798	49.617	ug/l #	95
38) Carbon Tetrachloride	7.905	117	119171	52.330	ug/l	99
39) Methylcyclohexane	9.185	83	132350	48.236	ug/l	91
40) Benzene	8.161	78	317266	48.077	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	26146	43.997	ug/l	95
42) 1,2-Dichloroethane	8.240	62	88402	48.003	ug/l	94
43) Isopropyl Acetate	8.271	43	100557	49.654	ug/l #	92
44) Trichloroethene	8.941	130	91460	47.360	ug/l	95
45) 1,2-Dichloropropane	9.216	63	80112	50.464	ug/l	99
46) Dibromomethane	9.307	93	44622	49.550	ug/l	98
47) Bromodichloromethane	9.496	83	114684	50.122	ug/l	96
48) Methyl methacrylate	9.295	41	45737	49.666	ug/l	87
49) 1,4-Dioxane	9.295	88	9727	895.831	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	256617	253.955	ug/l	91
52) Toluene	10.246	92	204694	47.868	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	113988	49.904	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	131761	49.160	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	62096	49.020	ug/l	98
56) Ethyl methacrylate	10.514	69	83094	50.509	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	105802	49.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	216027	270.801	ug/l	94
59) 2-Hexanone	10.837	43	190411	274.983	ug/l	90
60) Dibromochloromethane	10.990	129	78250	49.238	ug/l	99
61) 1,2-Dibromoethane	11.093	107	58721	48.735	ug/l	99
64) Tetrachloroethene	10.721	164	89853	43.826	ug/l	98
65) Chlorobenzene	11.520	112	219750	47.987	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	85644	50.493	ug/l	99
67) Ethyl Benzene	11.599	91	396938	48.462	ug/l	98
68) m/p-Xylenes	11.709	106	303828	95.996	ug/l	95
69) o-Xylene	12.032	106	146498	48.479	ug/l	96
70) Styrene	12.050	104	242841	48.339	ug/l	97
71) Bromoform	12.215	173	47809	50.809	ug/l #	100
73) Isopropylbenzene	12.337	105	392524	49.437	ug/l	100
74) N-amyl acetate	12.148	43	87312	50.604	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	65905	52.164	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	49623m	49.784	ug/l	
77) Bromobenzene	12.617	156	88360	49.148	ug/l	96
78) n-propylbenzene	12.678	91	469139	49.978	ug/l	100
79) 2-Chlorotoluene	12.764	91	255853	48.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	315242	49.007	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	23649	51.443	ug/l	92
82) 4-Chlorotoluene	12.861	91	265314	49.350	ug/l	99
83) tert-Butylbenzene	13.081	119	284800	49.482	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	309849	48.680	ug/l	99
85) sec-Butylbenzene	13.258	105	420196	49.741	ug/l	99
86) p-Isopropyltoluene	13.373	119	345168	49.300	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	172348	48.472	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	170938	48.641	ug/l	99
89) n-Butylbenzene	13.703	91	322917	50.196	ug/l	97
90) Hexachloroethane	13.965	117	65229	54.063	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	151394	49.280	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10637	47.043	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	89037	46.957	ug/l	99
94) Hexachlorobutadiene	15.117	225	51591	49.791	ug/l	97
95) Naphthalene	15.245	128	161792	43.922	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	73185	45.183	ug/l	98

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

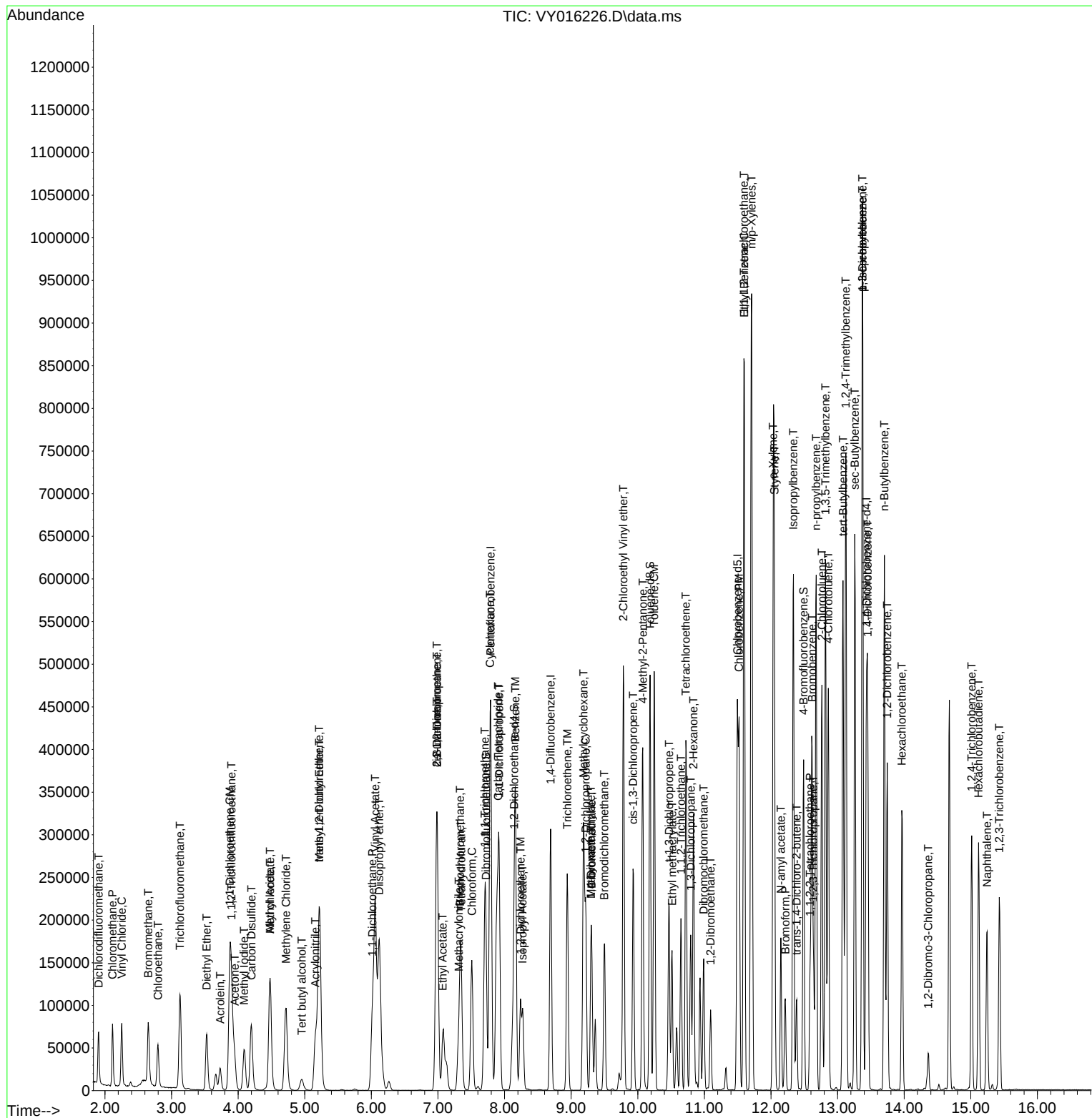
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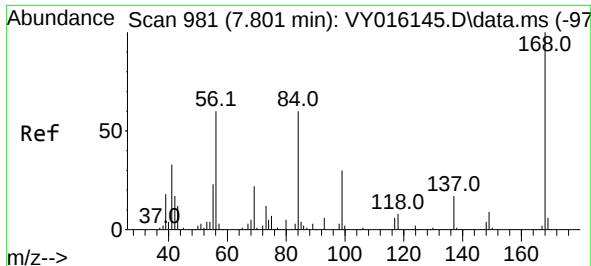
Instrument :
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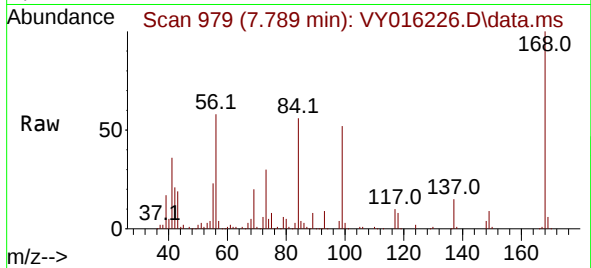
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016226.D
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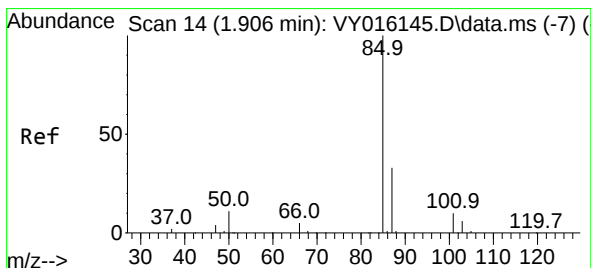
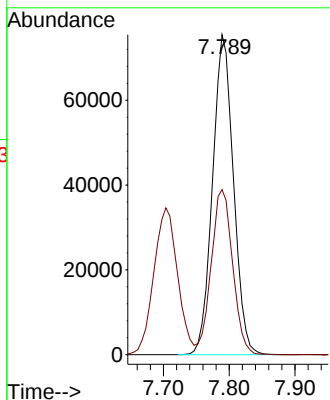
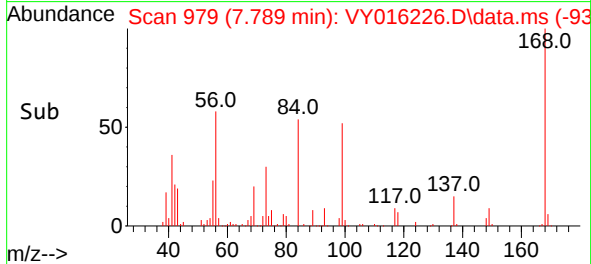
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 166968
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0

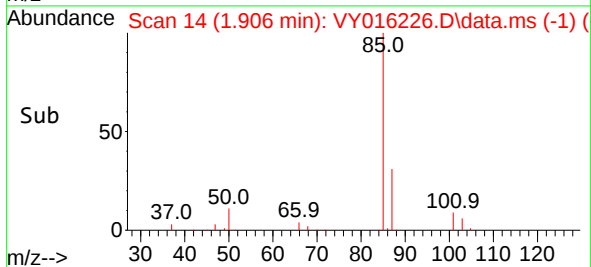
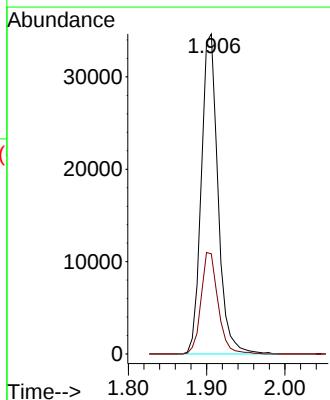
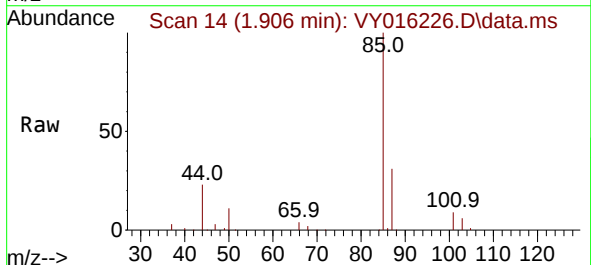
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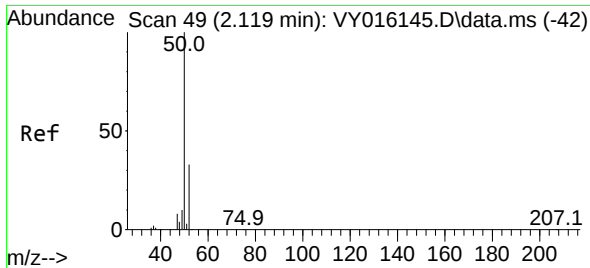
Reviewed By :John Carlone 11/07/2023
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#2
Dichlorodifluoromethane
Concen: 48.176 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

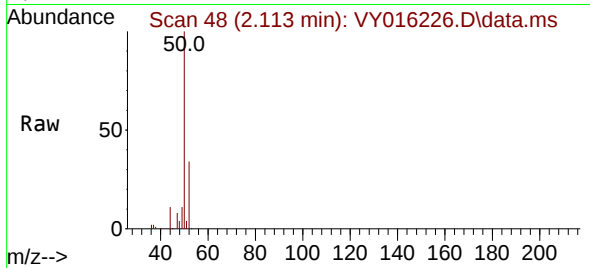
Tgt Ion: 85 Resp: 51311
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8





#3
Chloromethane
Concen: 43.318 ug/l
RT: 2.113 min Scan# 49
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

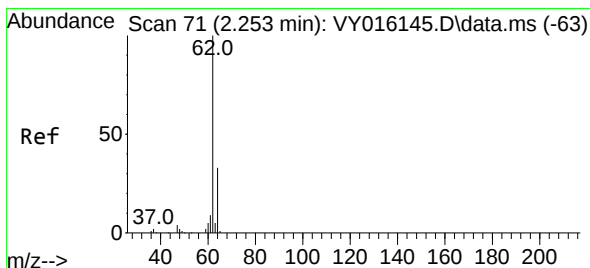
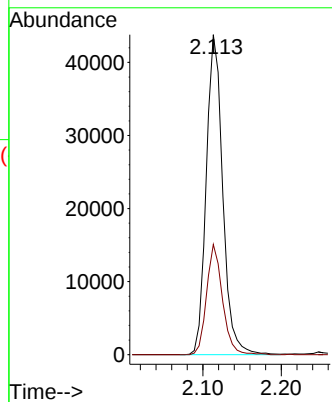
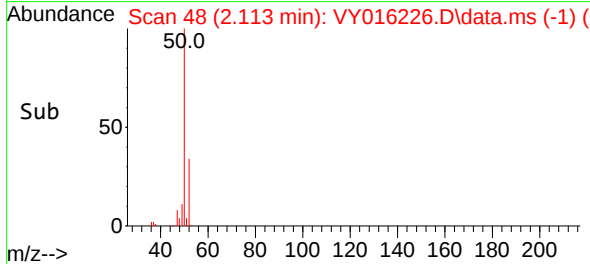
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 63879
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2

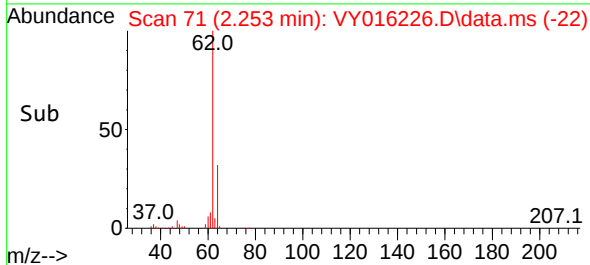
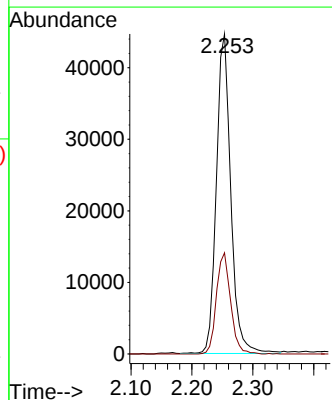
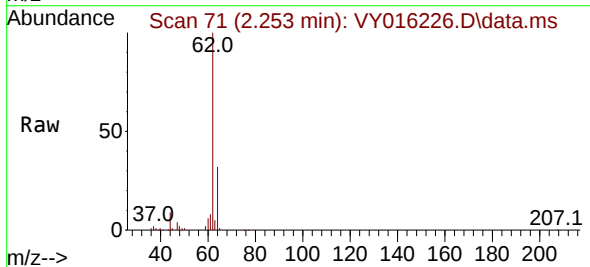
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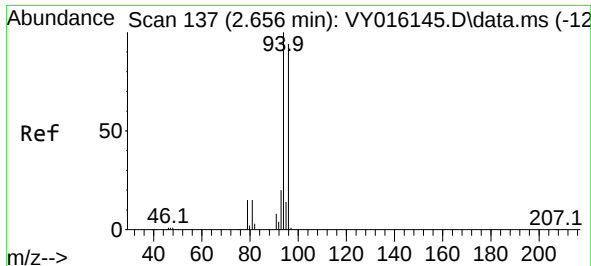
Reviewed By :John Carlone 11/07/2023
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#4
Vinyl Chloride
Concen: 48.187 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

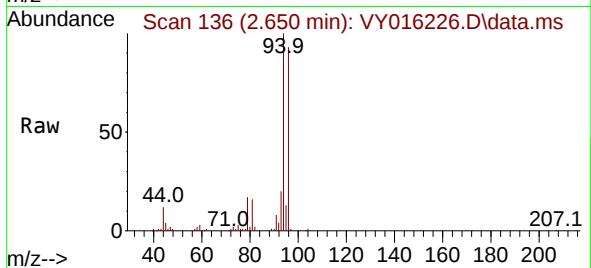
Tgt Ion: 62 Resp: 73340
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5





#5
Bromomethane
Concen: 47.458 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016226.D
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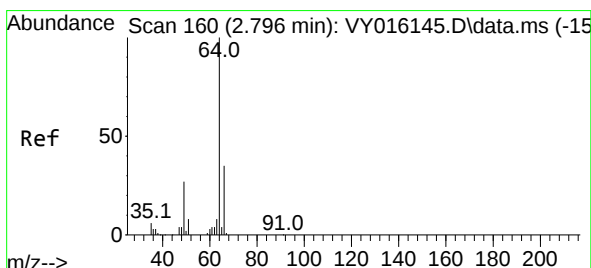
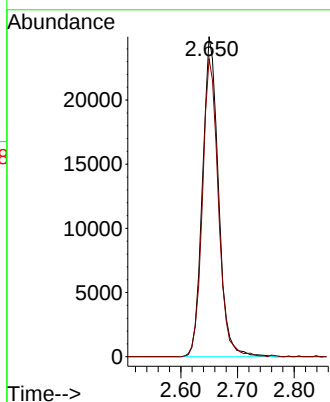
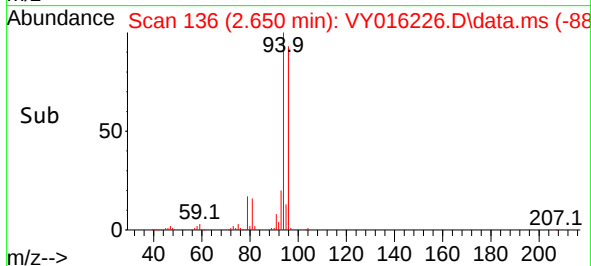
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Tgt Ion: 94 Resp: 48740
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6

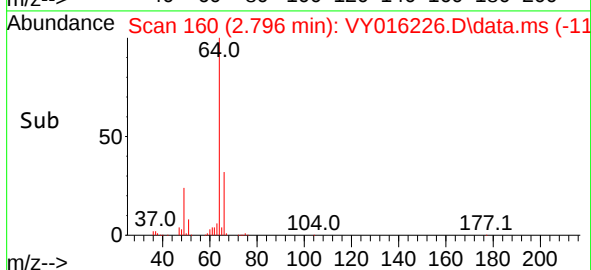
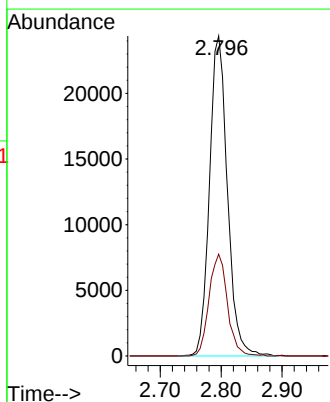
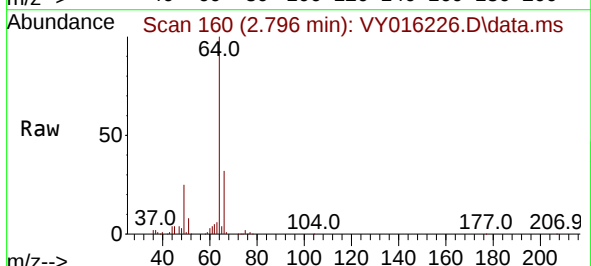
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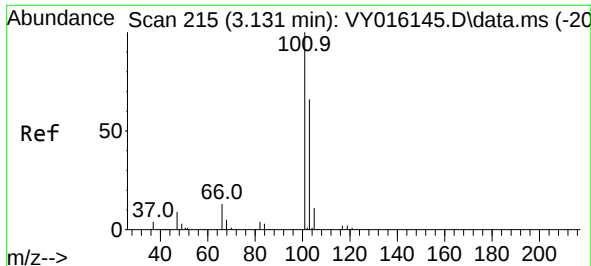
Reviewed By :John Carlone 11/07/2023
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#6
Chloroethane
Concen: 46.447 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

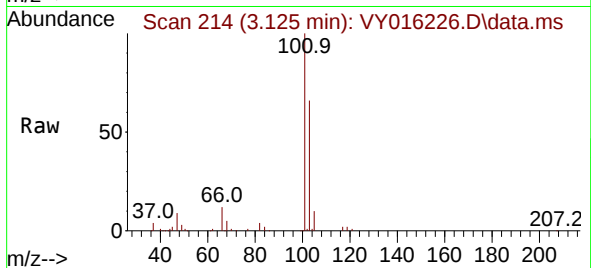
Tgt Ion: 64 Resp: 49768
Ion Ratio Lower Upper
64 100
66 31.8 24.4 36.6





#7
Trichlorofluoromethane
Concen: 51.283 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

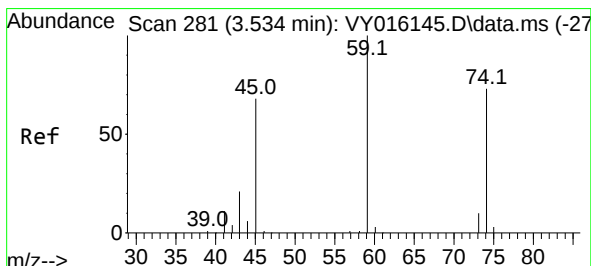
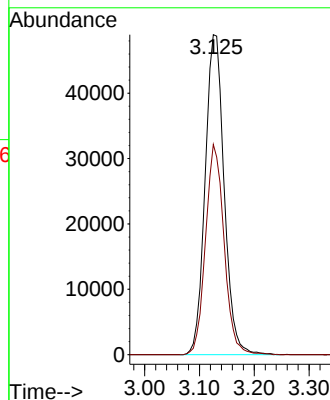
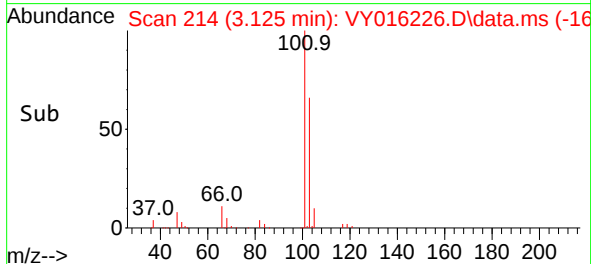
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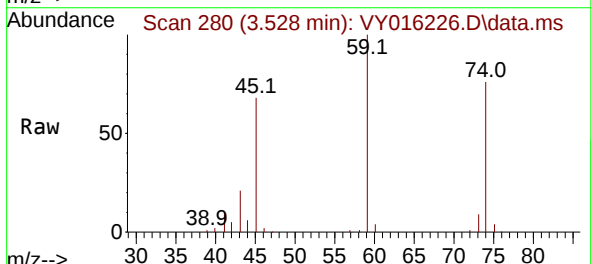
Tgt Ion:101 Resp: 117834
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0

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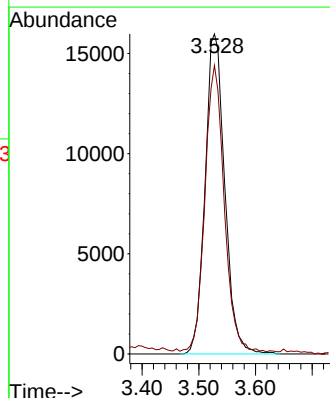
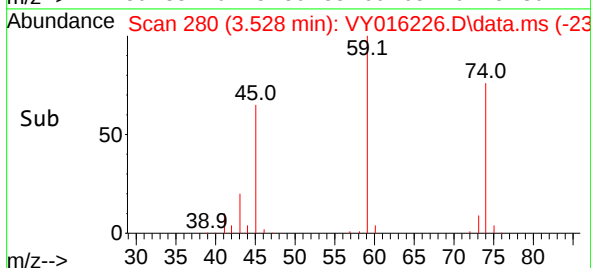
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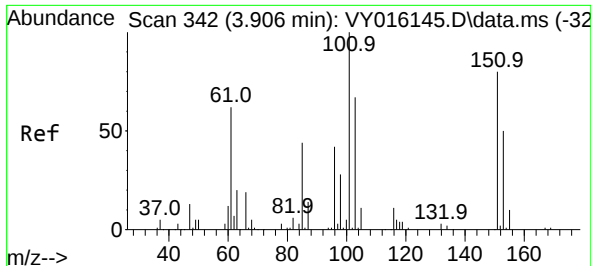


#8
Diethyl Ether
Concen: 50.633 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion: 74 Resp: 38559
Ion Ratio Lower Upper
74 100
45 88.2 51.5 154.5





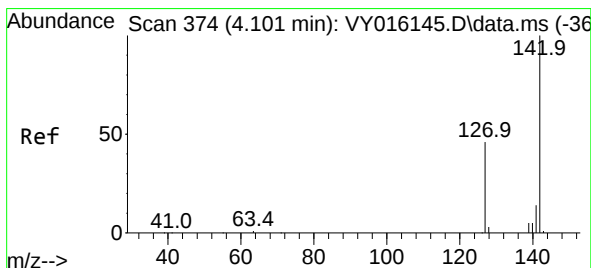
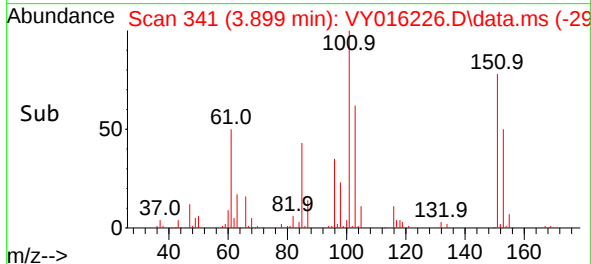
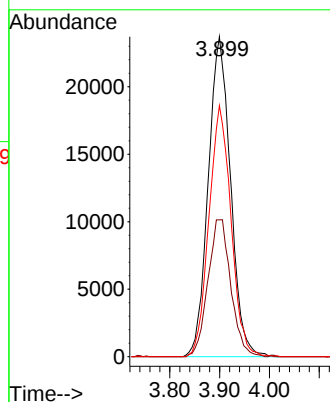
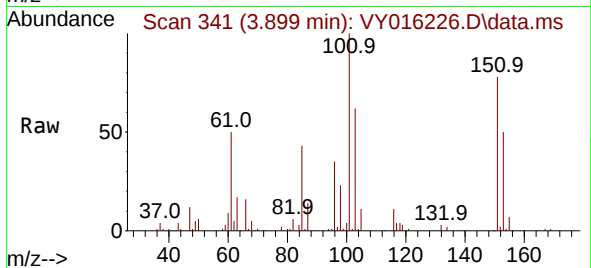
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.873 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 73640
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.8 67.0 100.6

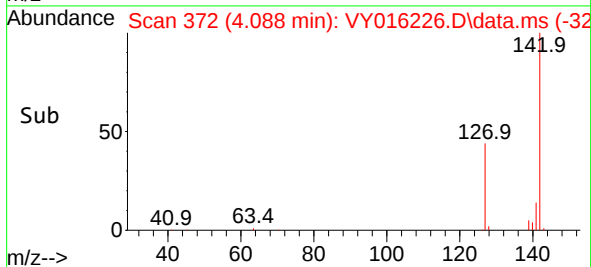
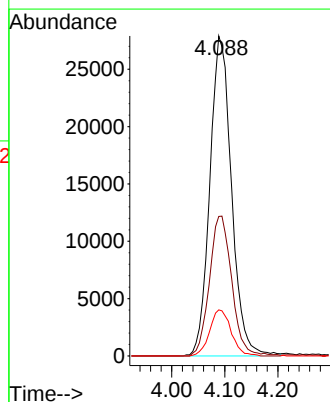
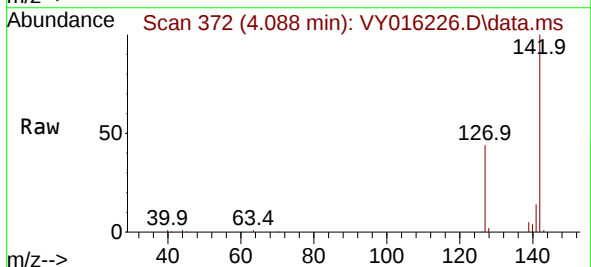
Manual Integrations
APPROVED

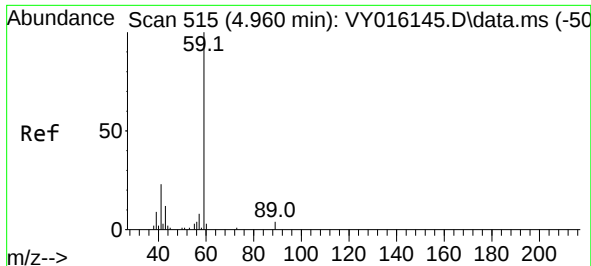
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#10
Methyl Iodide
Concen: 49.204 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:142 Resp: 79200
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 230.201 ug/l

RT: 4.954 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 26872

Ion Ratio Lower Upper

59 100

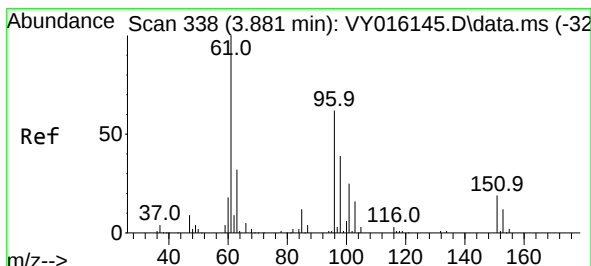
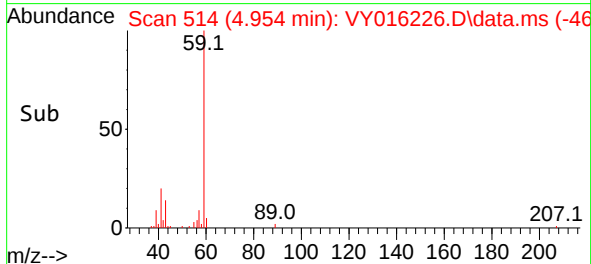
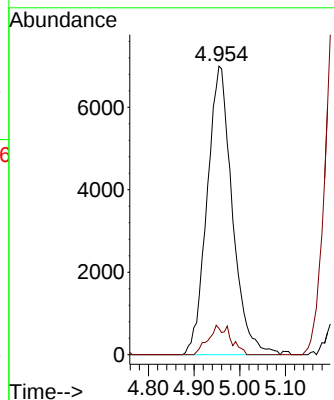
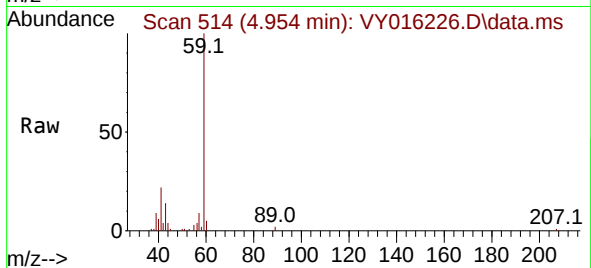
57 9.0 3.0 4.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#12

1,1-Dichloroethene

Concen: 49.500 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

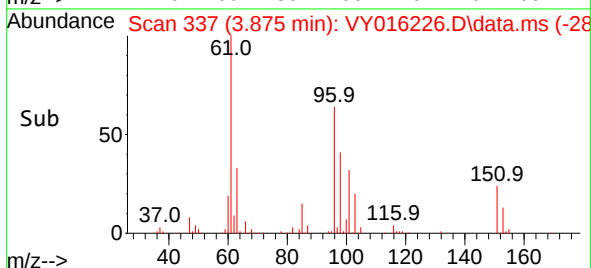
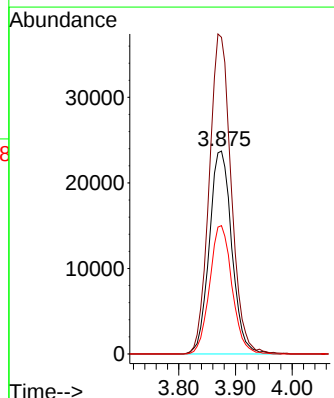
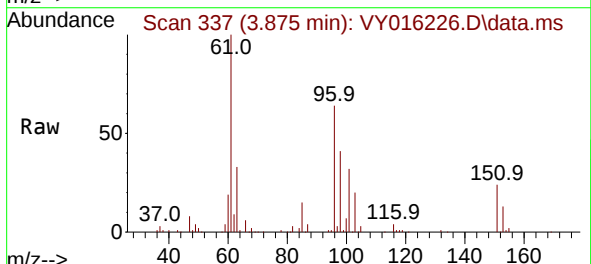
Tgt Ion: 96 Resp: 65398

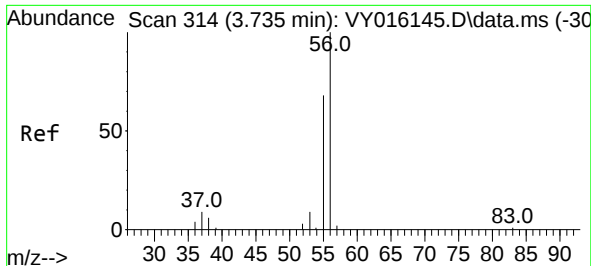
Ion Ratio Lower Upper

96 100

61 156.1 136.4 204.6

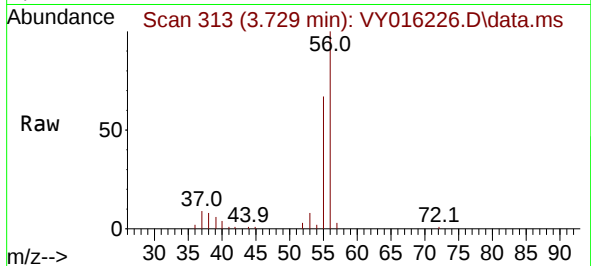
98 63.2 49.4 74.2





#13
Acrolein
Concen: 298.523 ug/l
RT: 3.729 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

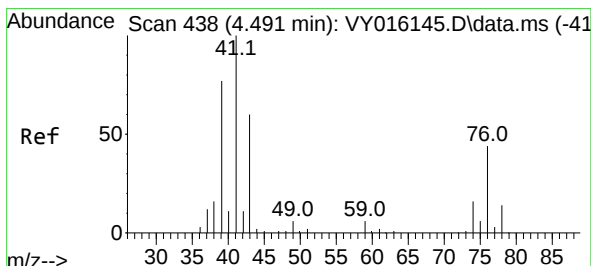
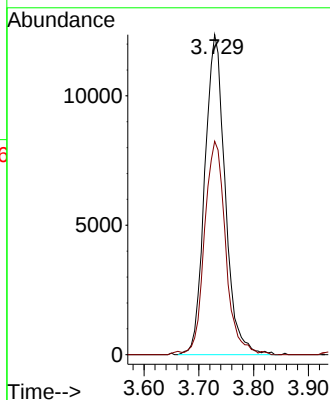
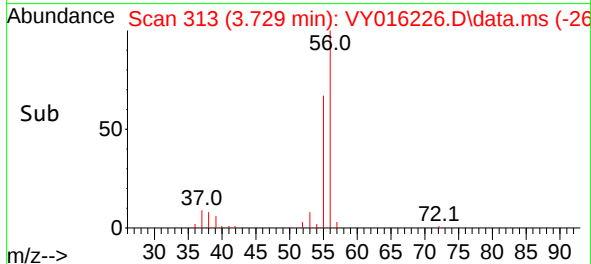
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 3184
Ion Ratio Lower Upper
56 100
55 69.0 57.0 85.4

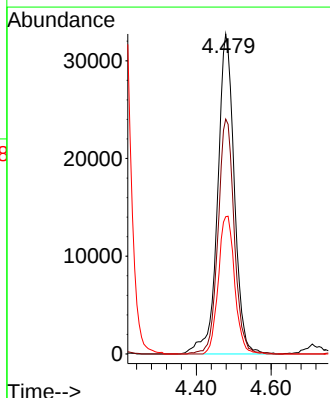
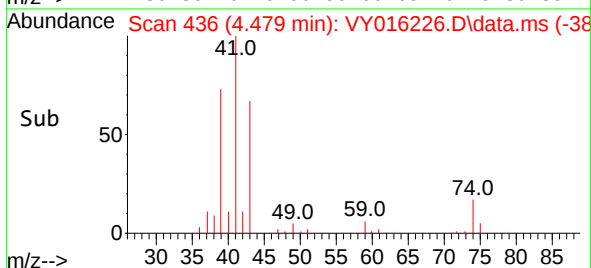
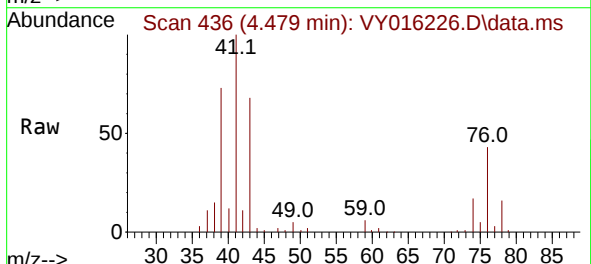
Manual Integrations
APPROVED

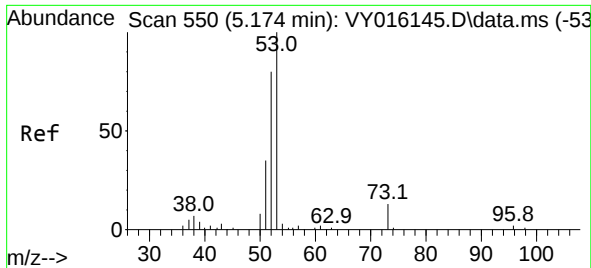
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#14
Allyl chloride
Concen: 53.685 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

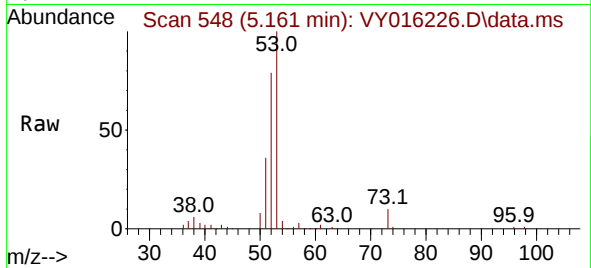
Tgt Ion: 41 Resp: 101452
Ion Ratio Lower Upper
41 100
39 71.2 58.0 87.0
76 42.1 27.4 41.2#





#15
Acrylonitrile
Concen: 261.196 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

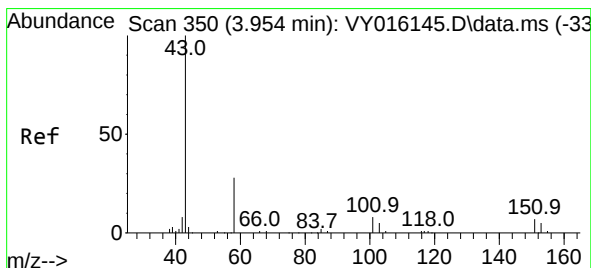
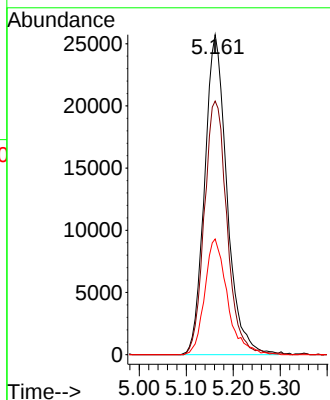
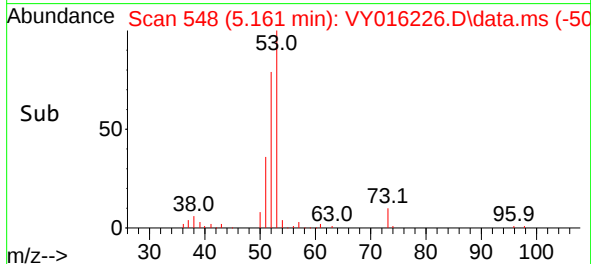
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



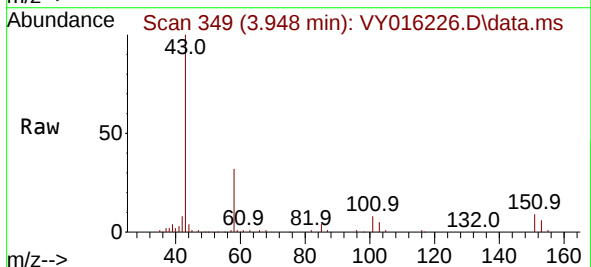
Tgt Ion: 53 Resp: 84998
Ion Ratio Lower Upper
53 100
52 80.5 66.9 100.3
51 36.8 29.8 44.6

Manual Integrations
APPROVED

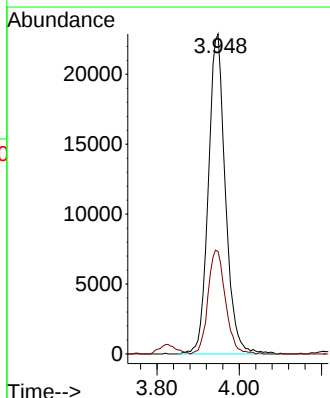
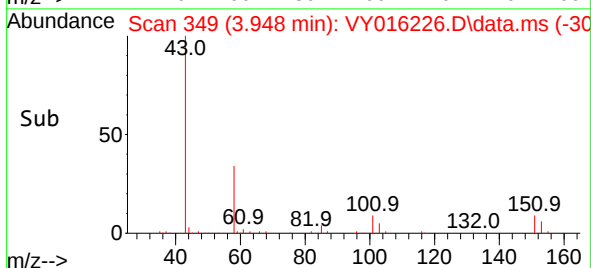
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

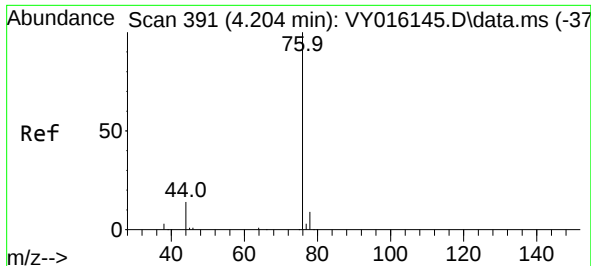


#16
Acetone
Concen: 265.308 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion: 43 Resp: 65877
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1





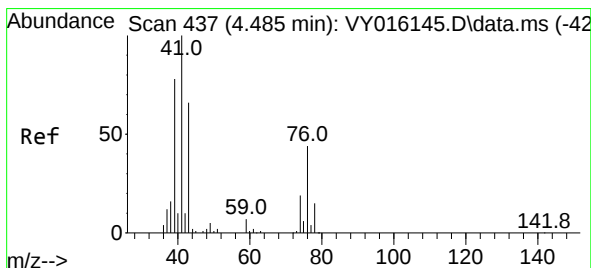
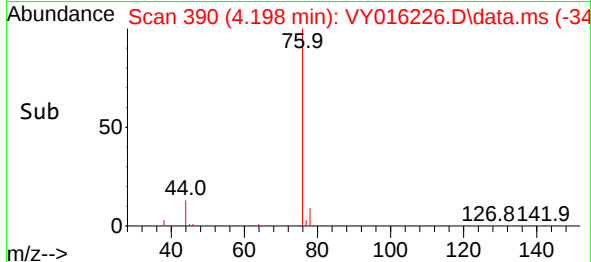
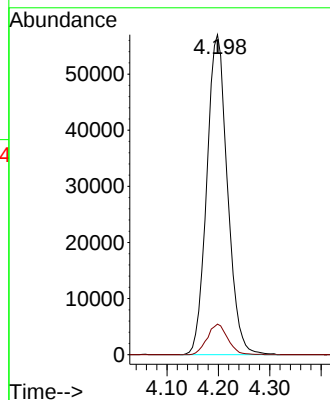
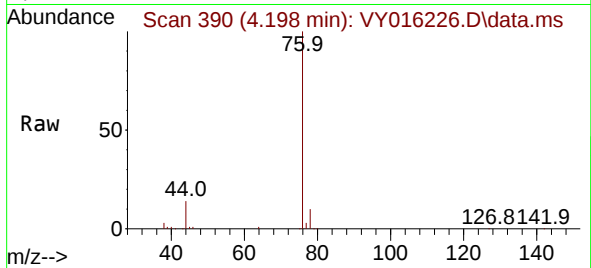
#17
Carbon Disulfide
Concen: 48.239 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 159114
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

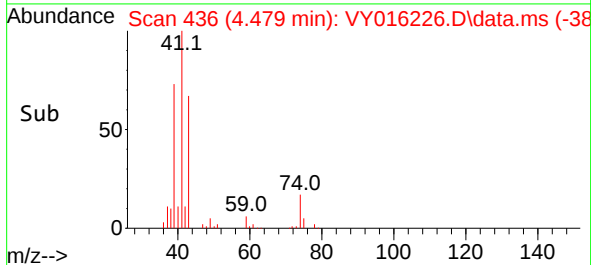
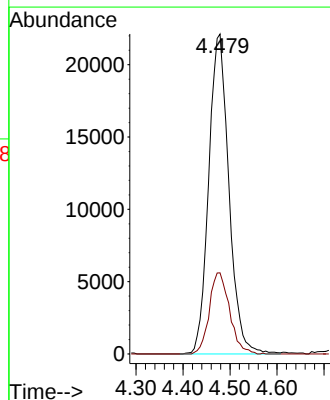
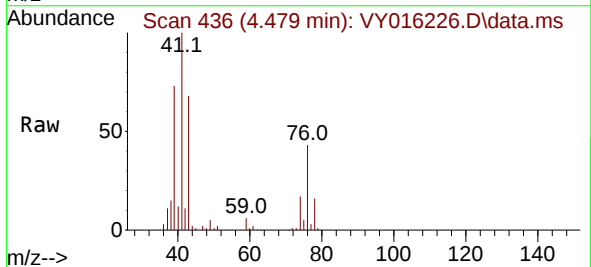
Manual Integrations
APPROVED

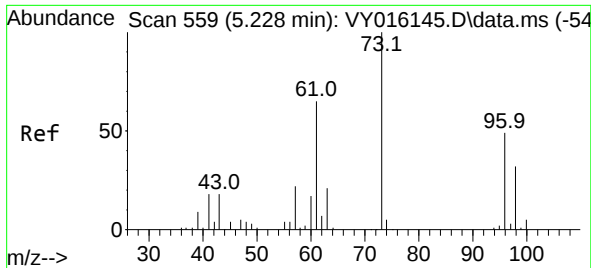
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#18
Methyl Acetate
Concen: 52.455 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 43 Resp: 65908
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





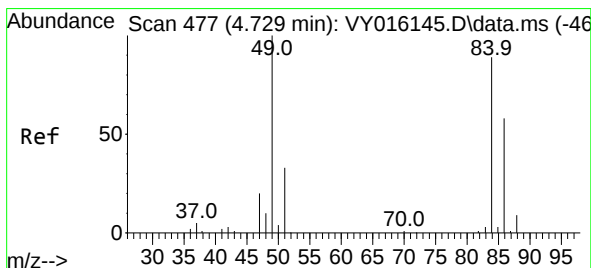
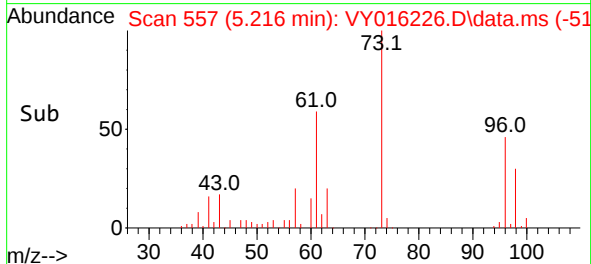
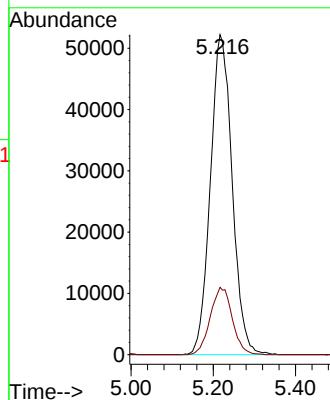
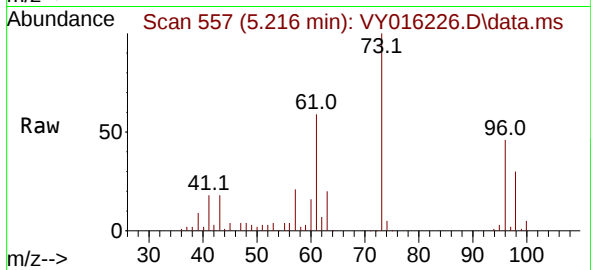
#19
Methyl tert-butyl Ether
Concen: 51.114 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 192092
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

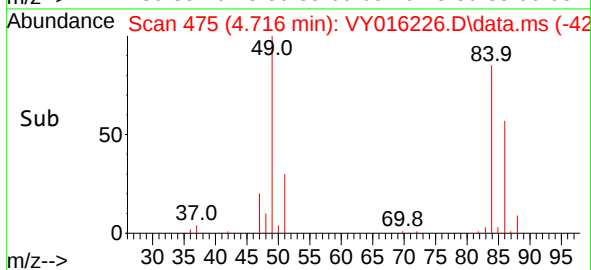
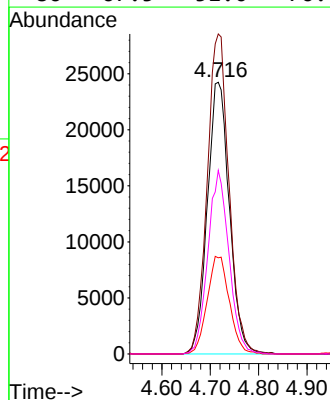
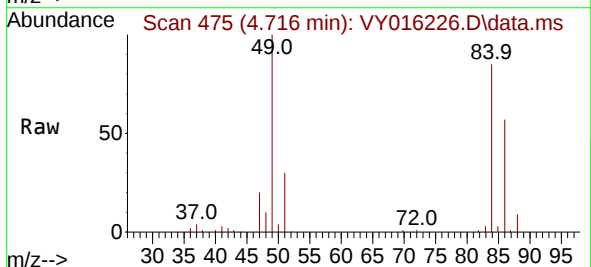
Manual Integrations
APPROVED

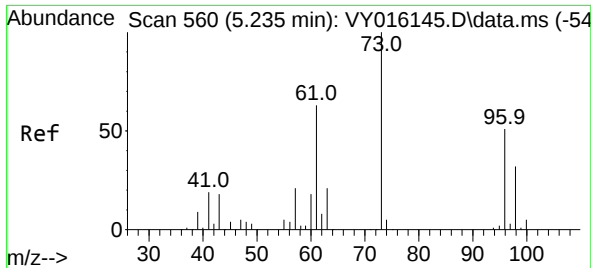
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#20
Methylene Chloride
Concen: 48.043 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 84 Resp: 76534
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 35.4 33.2 49.8
86 67.5 51.0 76.6





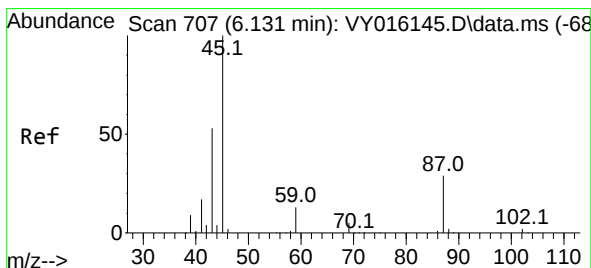
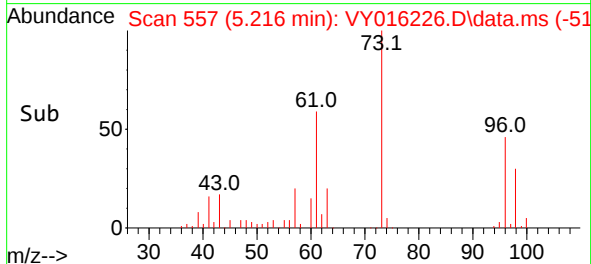
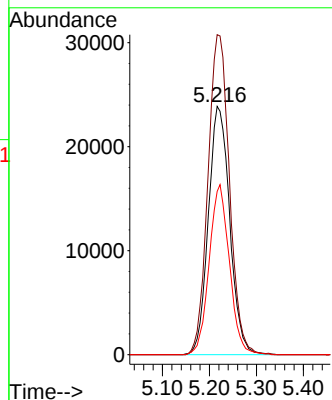
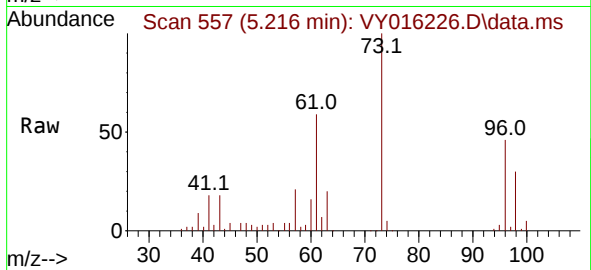
#21
trans-1,2-Dichloroethene
Concen: 49.077 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7552
Ion Ratio Lower Upper
96 100
61 128.9 110.2 165.4
98 65.7 51.8 77.6

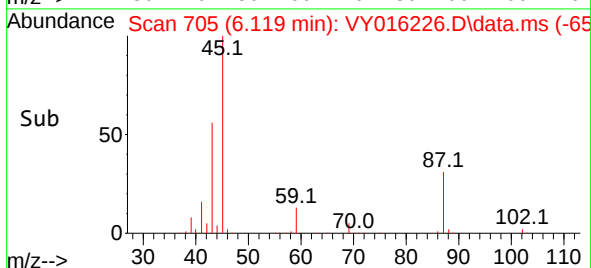
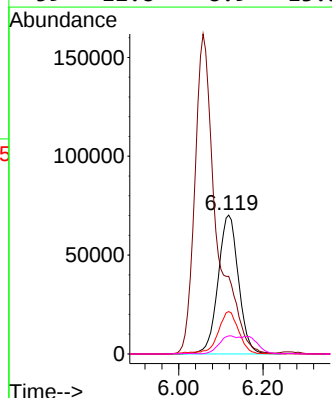
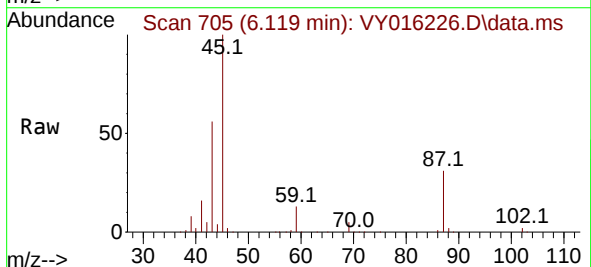
Manual Integrations
APPROVED

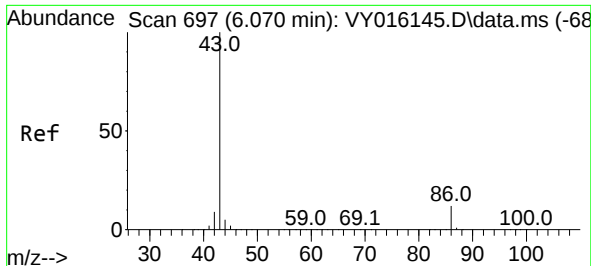
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#22
Diisopropyl ether
Concen: 51.488 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 45 Resp: 235345
Ion Ratio Lower Upper
45 100
43 55.0 52.2 78.4
87 30.5 21.0 31.6
59 12.8 8.9 13.3





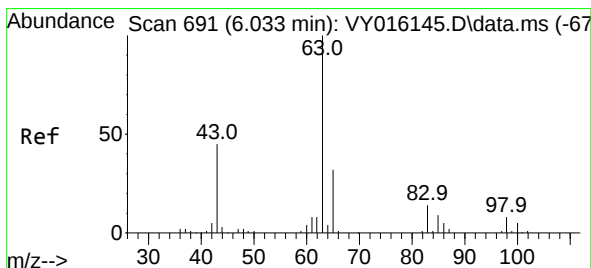
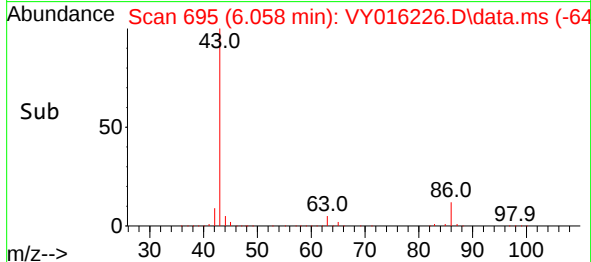
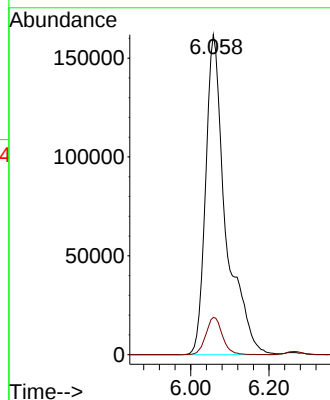
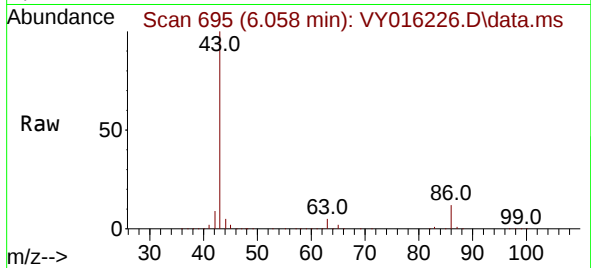
#23
 Vinyl Acetate
 Concen: 257.257 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 577338
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3

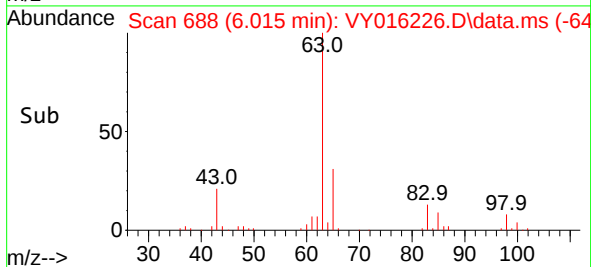
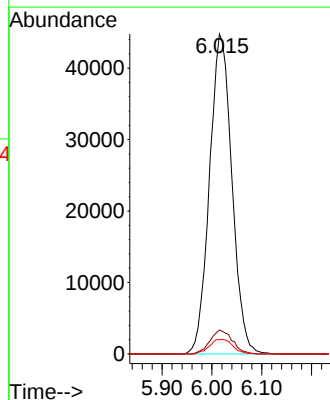
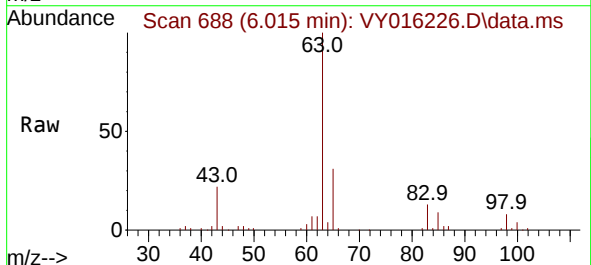
Manual Integrations
 APPROVED

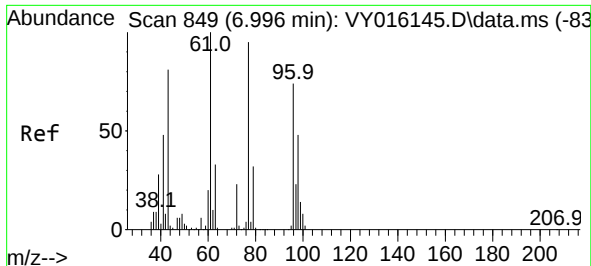
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#24
 1,1-Dichloroethane
 Concen: 51.064 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.018 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

Tgt Ion: 63 Resp: 139691
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 256.134 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11040

Ion Ratio Lower Upper

43 100

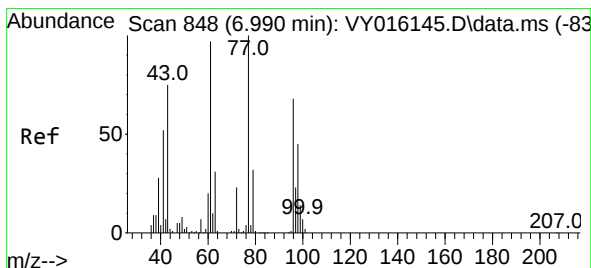
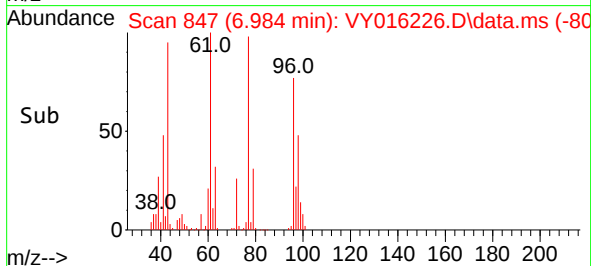
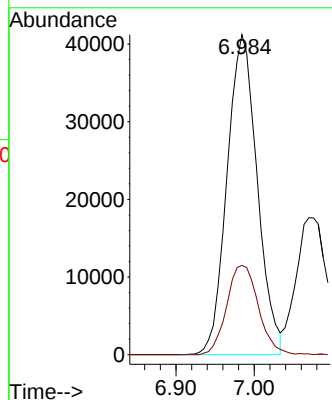
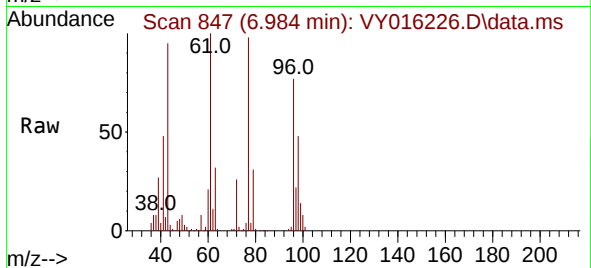
72 27.9 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#26

2,2-Dichloropropane

Concen: 50.233 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016226.D

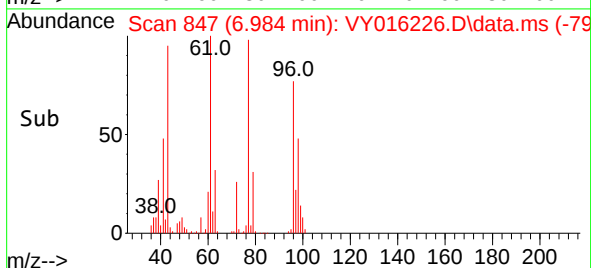
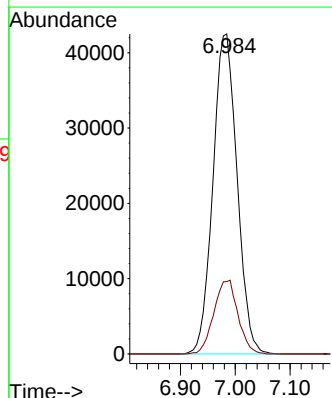
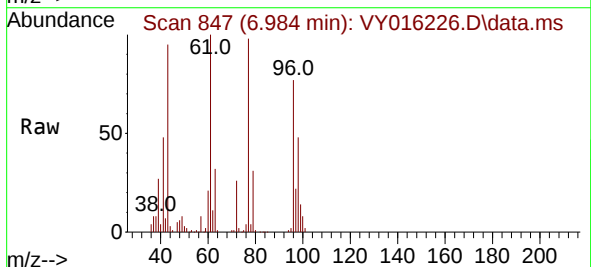
Acq: 06 Nov 2023 09:35

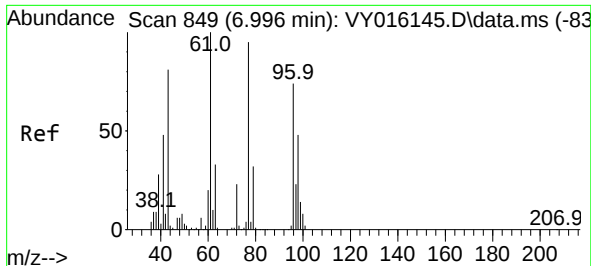
Tgt Ion: 77 Resp: 129902

Ion Ratio Lower Upper

77 100

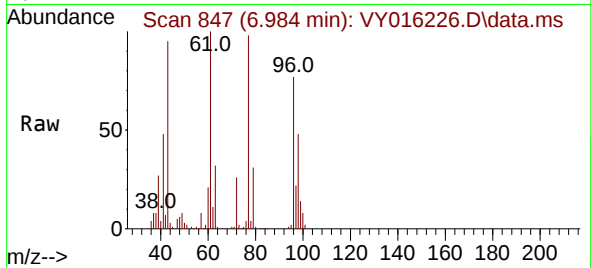
97 23.0 10.9 32.9





#27
 cis-1,2-Dichloroethene
 Concen: 50.709 ug/l
 RT: 6.984 min Scan# 849
 Delta R.T. -0.012 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

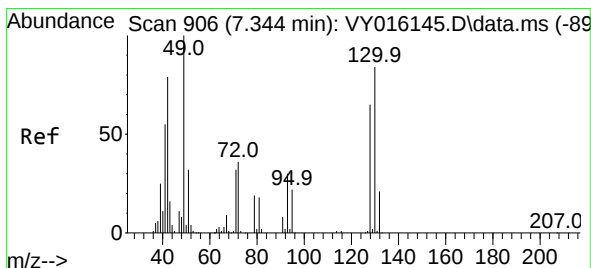
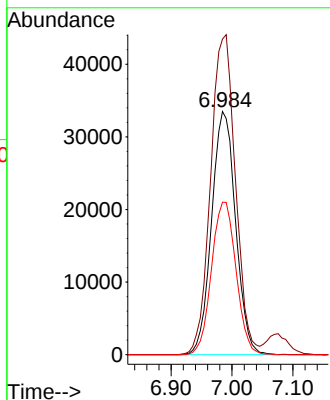
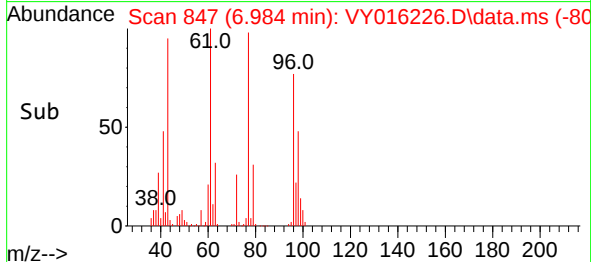
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 91839
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 301.4
 98 64.0 0.0 130.4

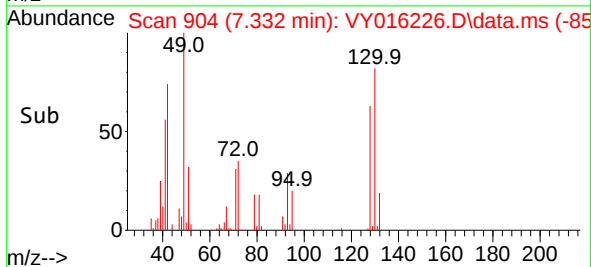
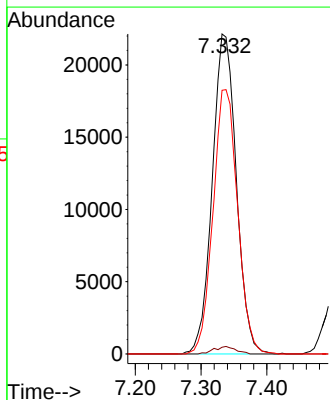
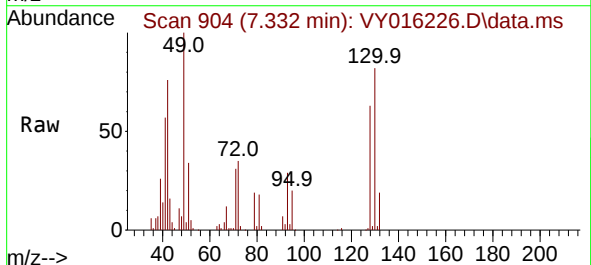
Manual Integrations
 APPROVED

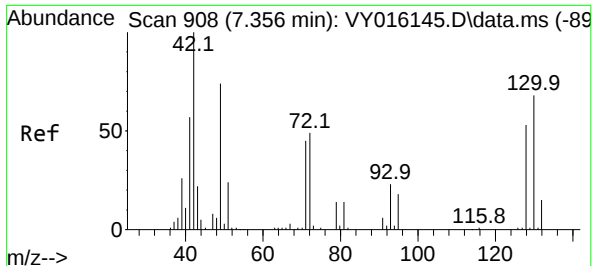
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#28
 Bromochloromethane
 Concen: 54.997 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

Tgt Ion: 49 Resp: 56299
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 261.400 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 7063

Ion Ratio Lower Upper

42 100

72 46.6 32.8 49.2

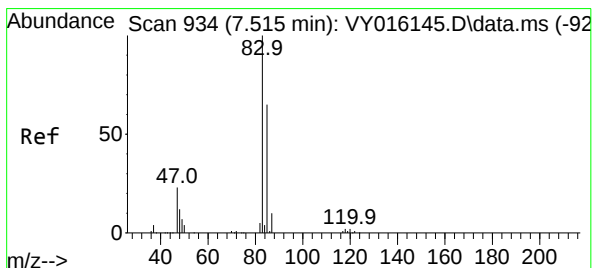
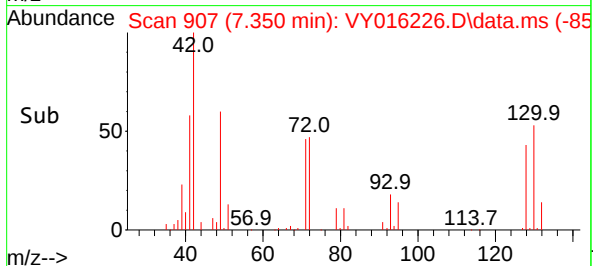
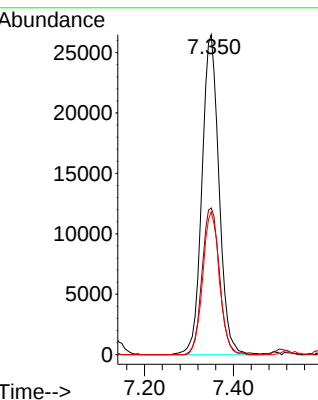
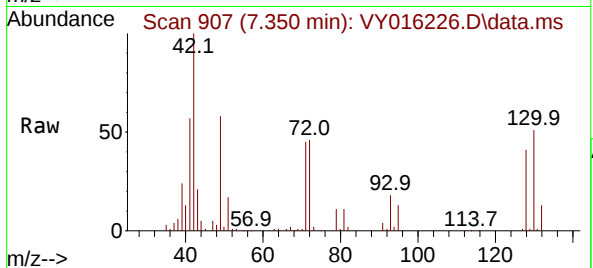
71 43.7 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#30

Chloroform

Concen: 50.250 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016226.D

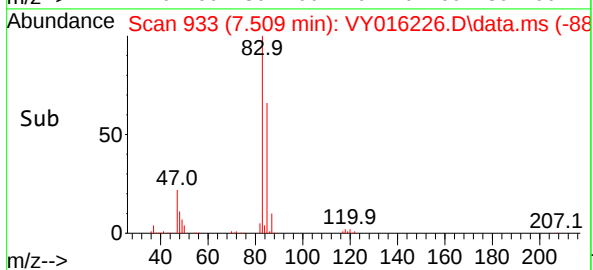
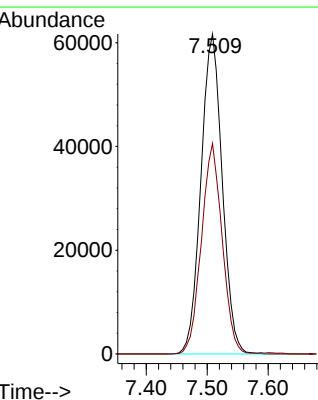
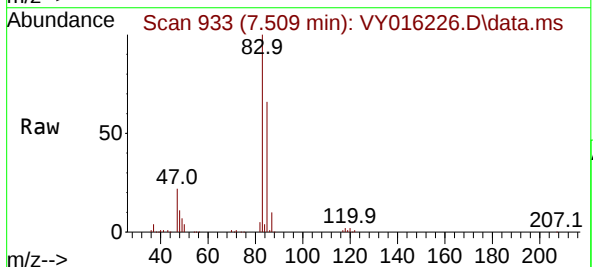
Acq: 06 Nov 2023 09:35

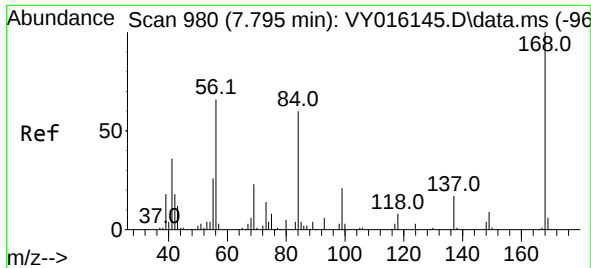
Tgt Ion: 83 Resp: 149660

Ion Ratio Lower Upper

83 100

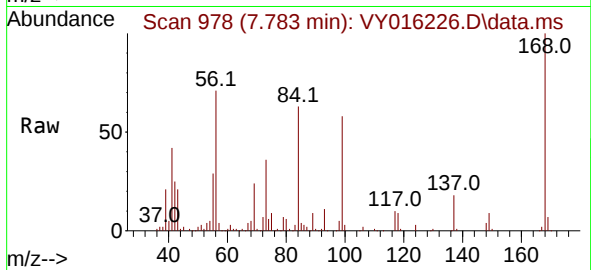
85 65.8 49.7 74.5





#31
Cyclohexane
Concen: 47.332 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

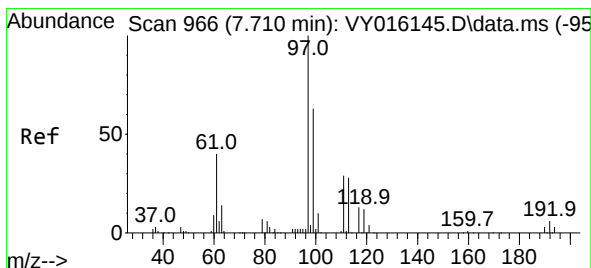
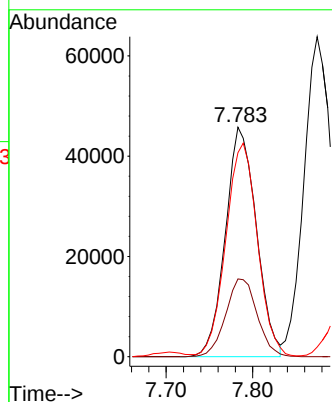
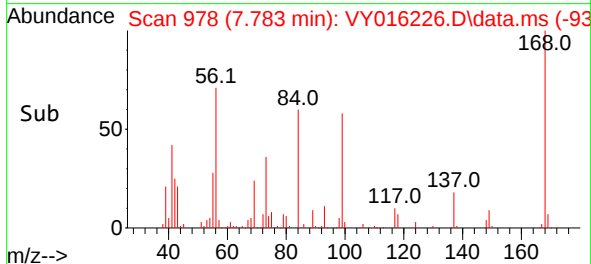
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



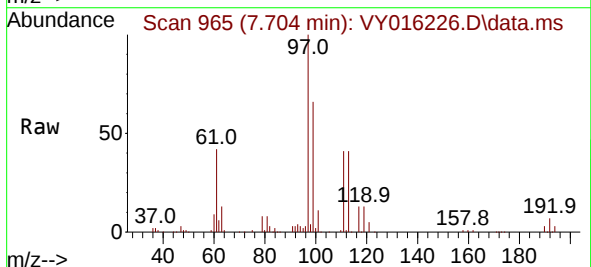
Tgt Ion: 56 Resp: 113679
Ion Ratio Lower Upper
56 100
69 33.9 27.8 41.6
84 87.4 66.4 99.6

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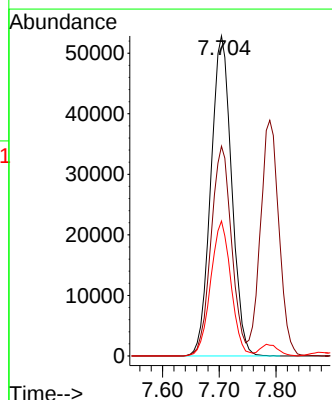
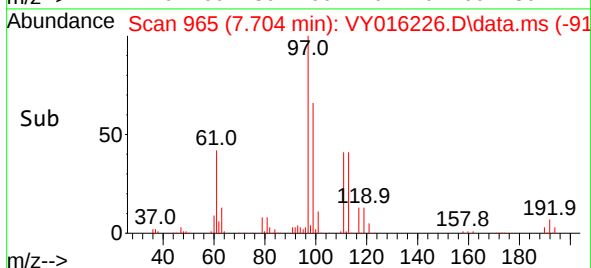
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

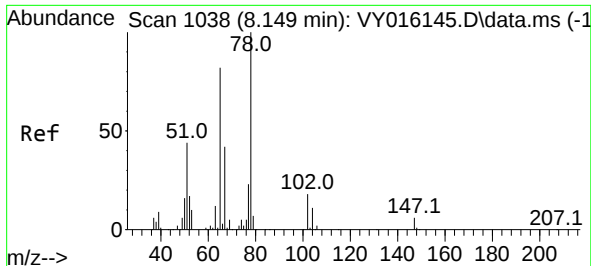


#32
1,1,1-Trichloroethane
Concen: 49.263 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion: 97 Resp: 134554
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.701 ug/l

RT: 8.143 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8077

Ion Ratio Lower Upper

65 100

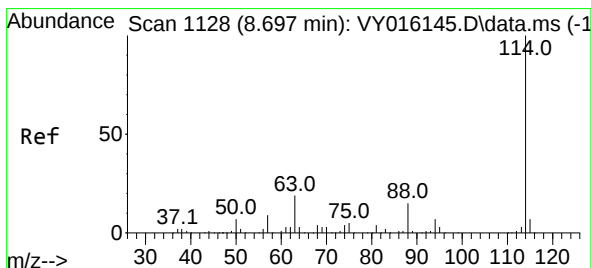
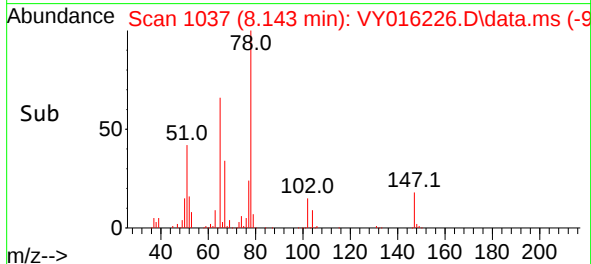
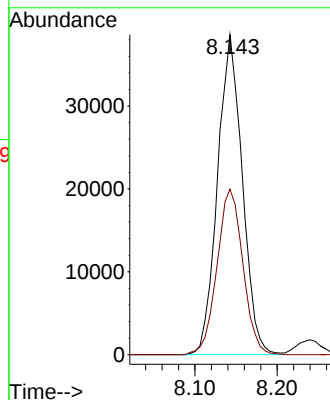
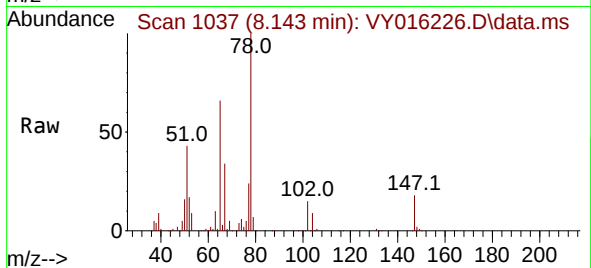
67 54.0 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

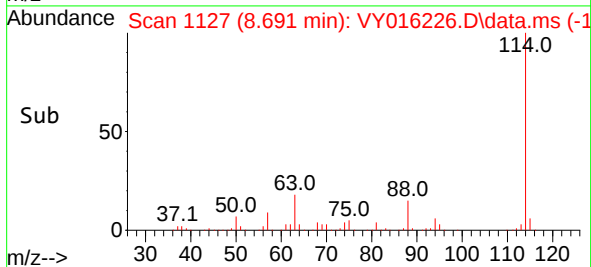
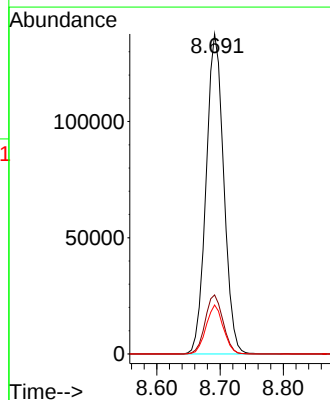
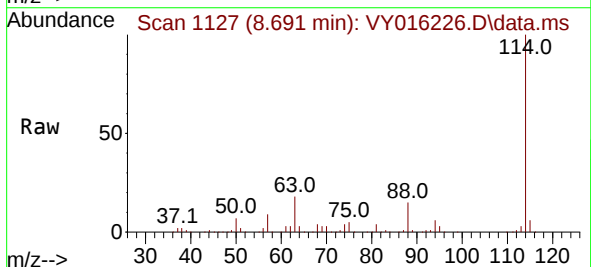
Tgt Ion:114 Resp: 267015

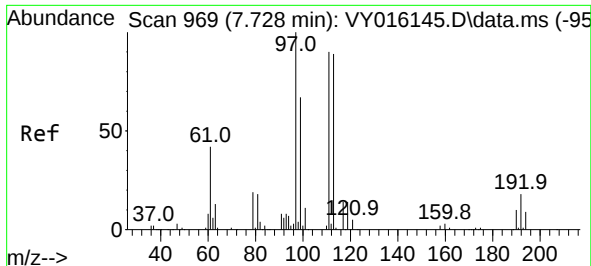
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

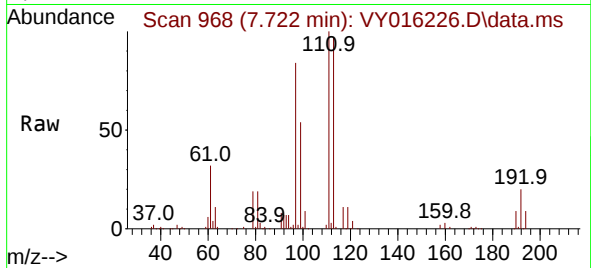
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.465 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

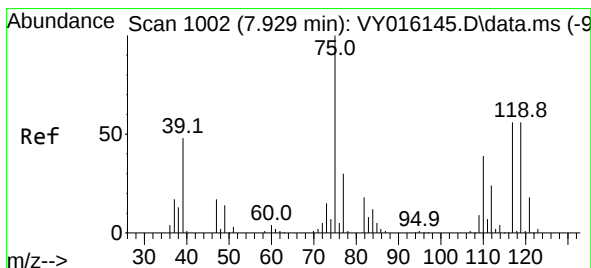
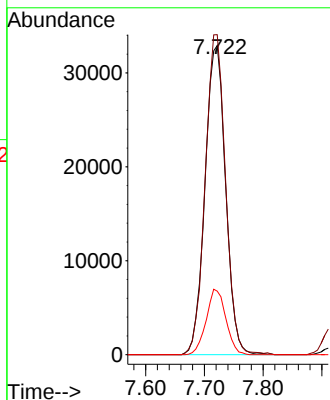
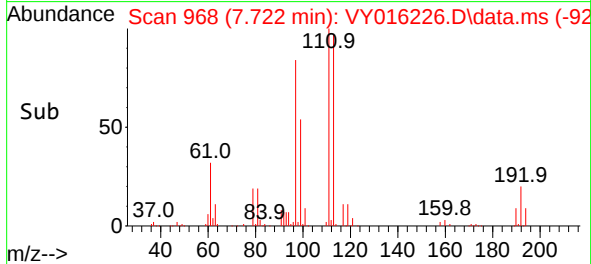
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 80334
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 20.2 16.9 25.3

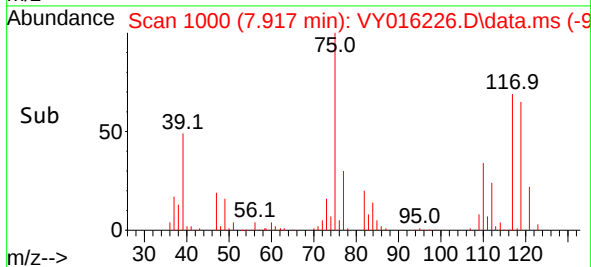
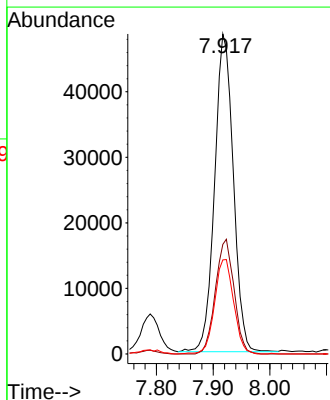
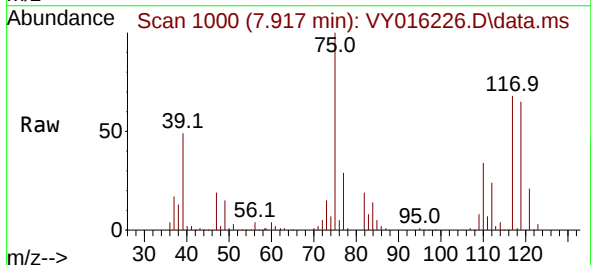
Manual Integrations
APPROVED

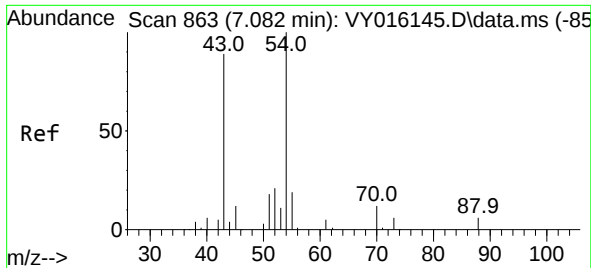
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#36
1,1-Dichloropropene
Concen: 48.363 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 75 Resp: 111168
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.3 24.4 36.6





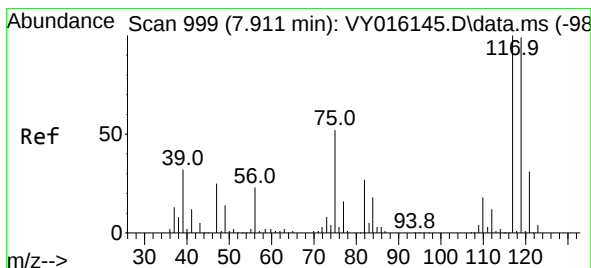
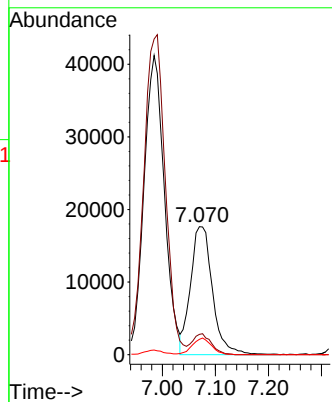
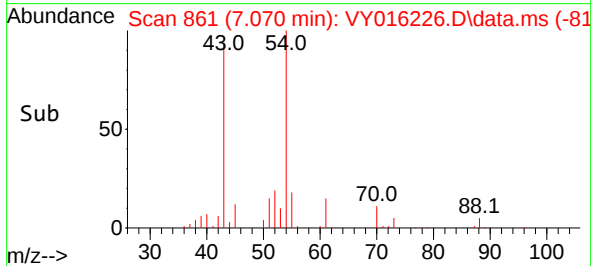
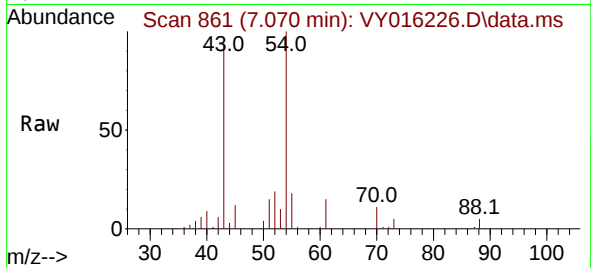
#37
Ethyl Acetate
Concen: 49.617 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 50798
Ion Ratio Lower Upper
43 100
61 14.1 10.1 15.1
70 11.4 7.1 10.7

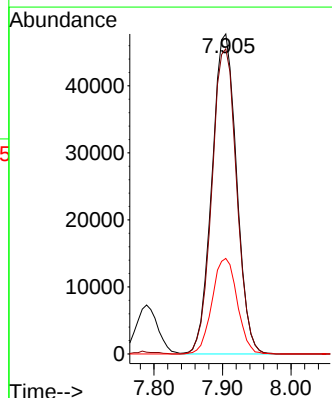
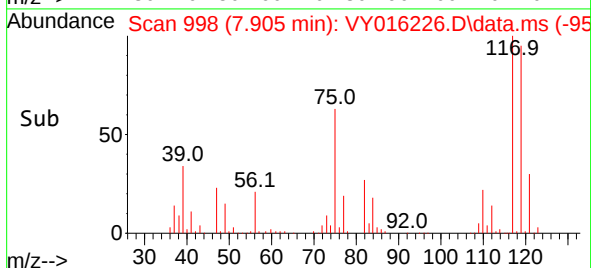
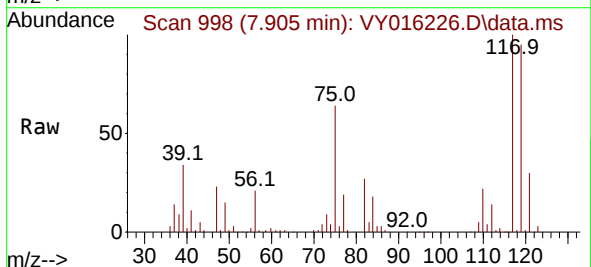
Manual Integrations
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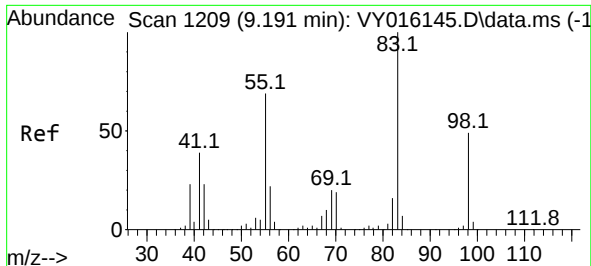
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#38
Carbon Tetrachloride
Concen: 52.330 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:117 Resp: 119171
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 29.9 25.8 38.6





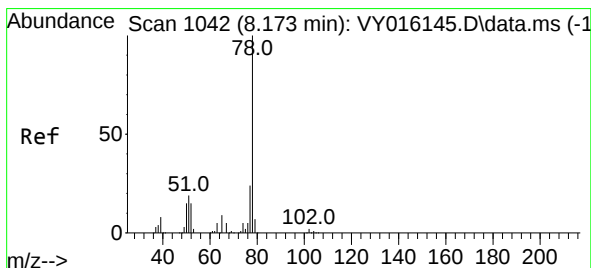
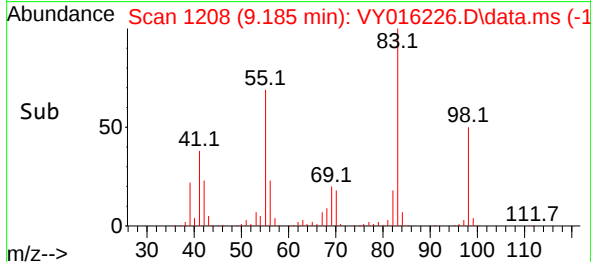
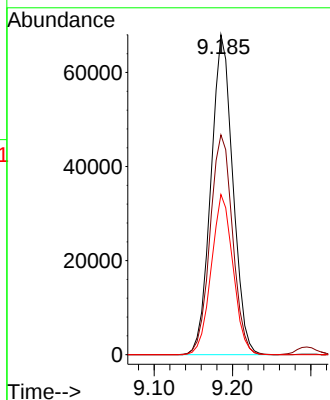
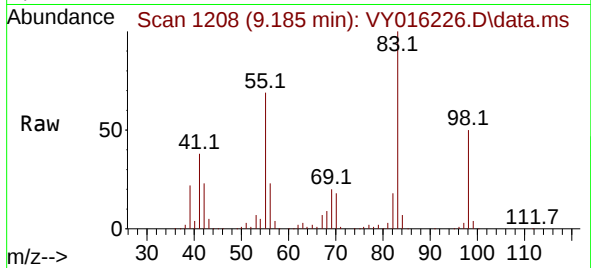
#39
Methylcyclohexane
Concen: 48.236 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 132350
Ion Ratio Lower Upper
83 100
55 68.7 63.0 94.4
98 50.0 37.4 56.2

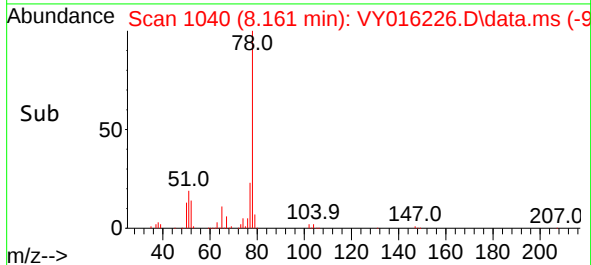
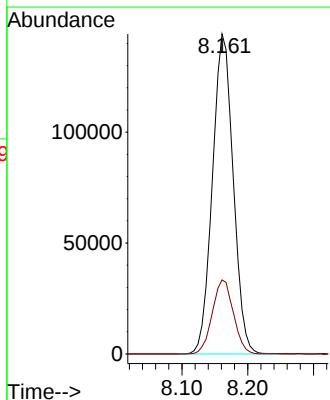
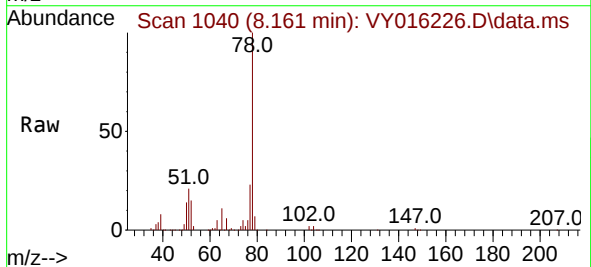
Manual Integrations
APPROVED

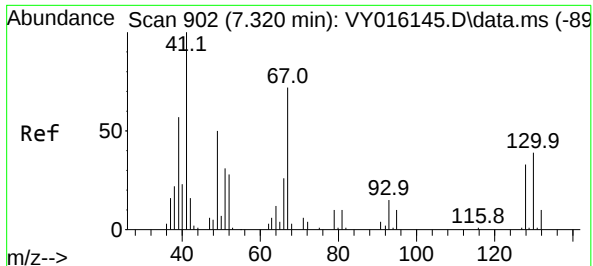
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#40
Benzene
Concen: 48.077 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

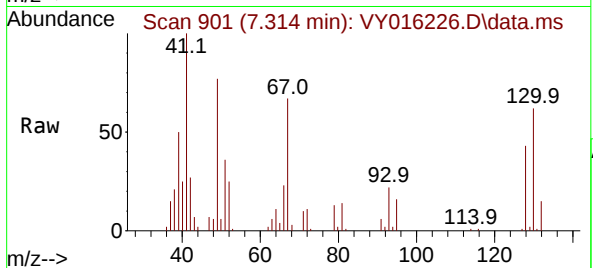
Tgt Ion: 78 Resp: 317266
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#41
Methacrylonitrile
Concen: 43.997 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

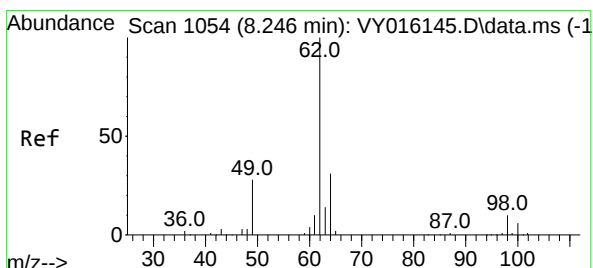
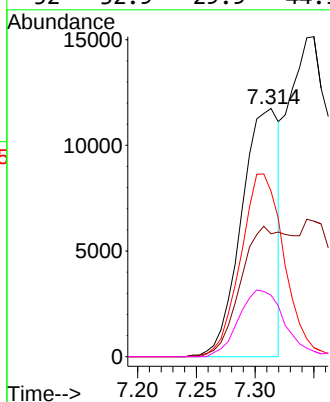
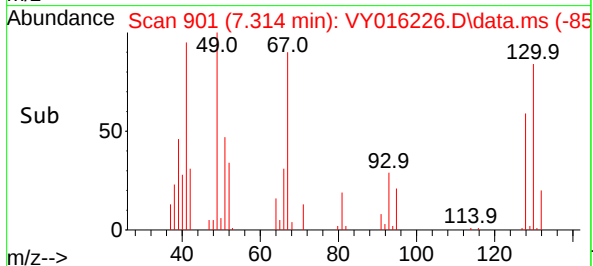
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 26140
Ion Ratio Lower Upper
41 100
39 69.2 52.1 78.1
67 85.3 66.2 99.2
52 32.9 29.9 44.9

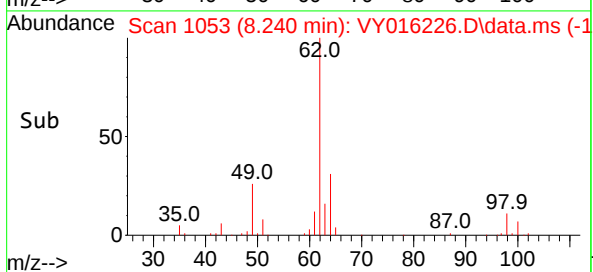
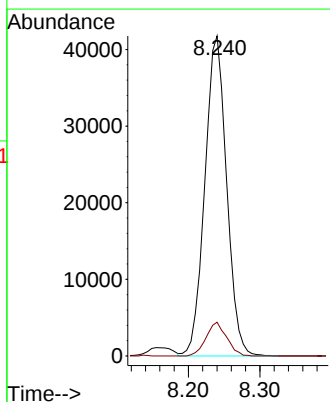
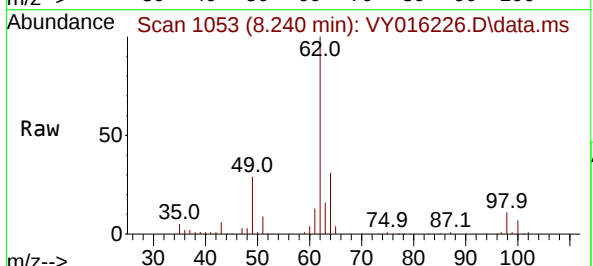
Manual Integrations
APPROVED

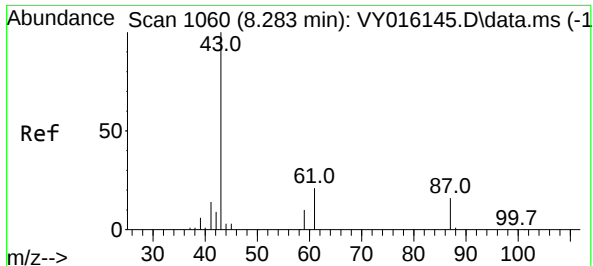
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#42
1,2-Dichloroethane
Concen: 48.003 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 62 Resp: 88402
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8





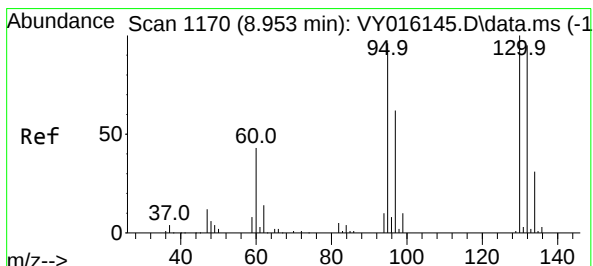
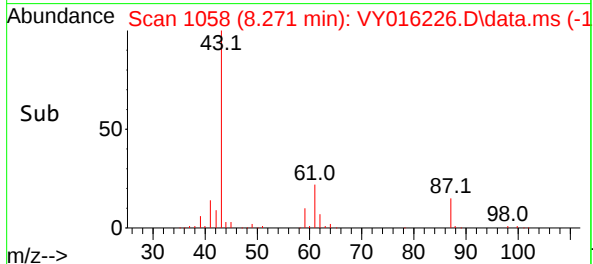
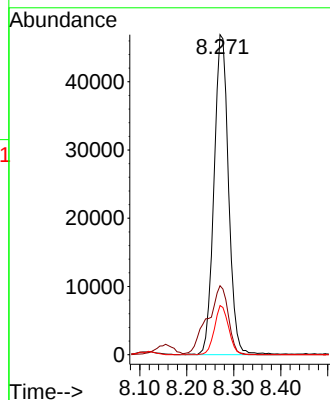
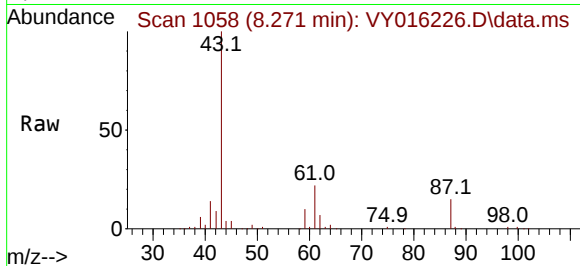
#43
Isopropyl Acetate
Concen: 49.654 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 10055
Ion Ratio Lower Upper
43 100
61 30.7 21.1 31.7
87 15.0 9.8 14.8

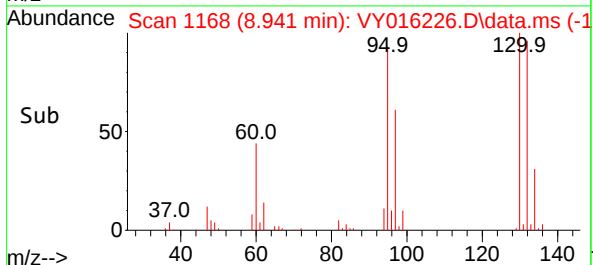
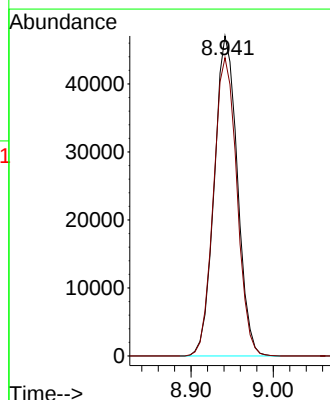
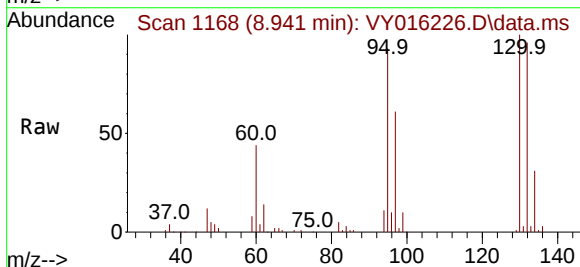
Manual Integrations
APPROVED

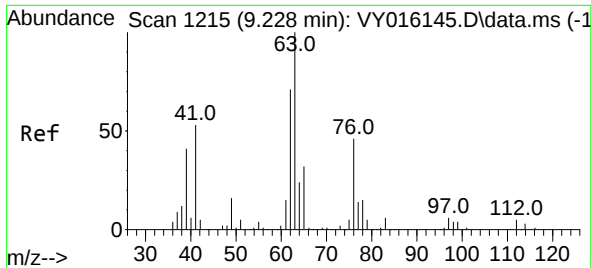
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#44
Trichloroethene
Concen: 47.360 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:130 Resp: 91460
Ion Ratio Lower Upper
130 100
95 93.2 0.0 196.0





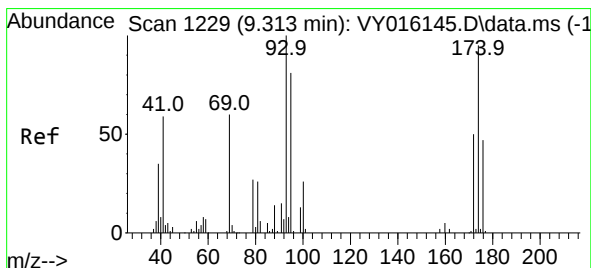
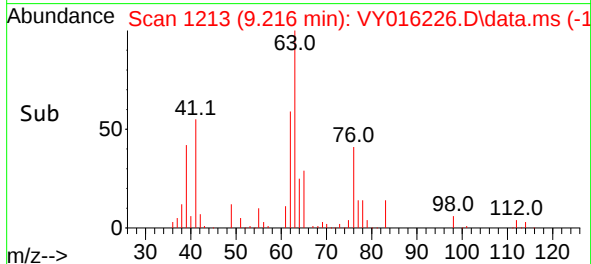
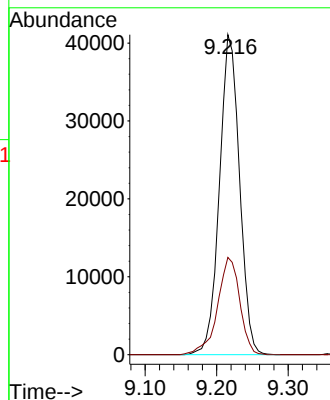
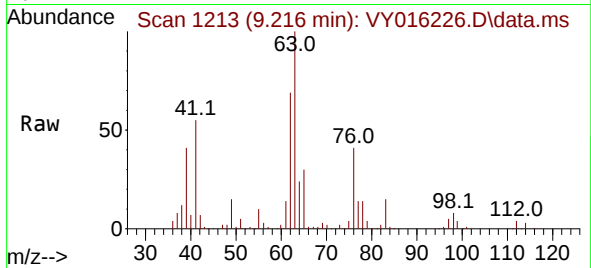
#45
1,2-Dichloropropane
Concen: 50.464 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 8011
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6

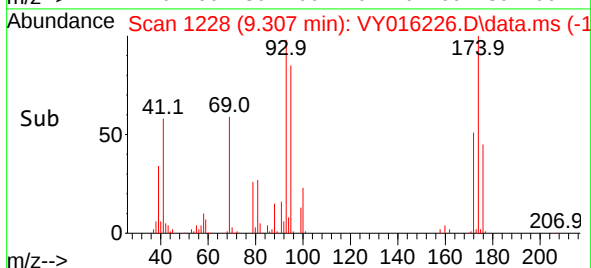
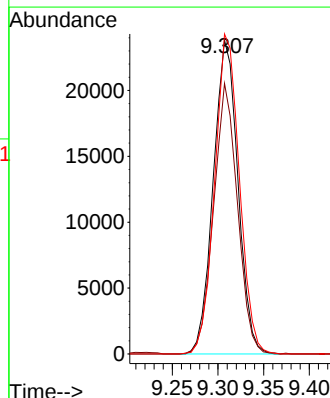
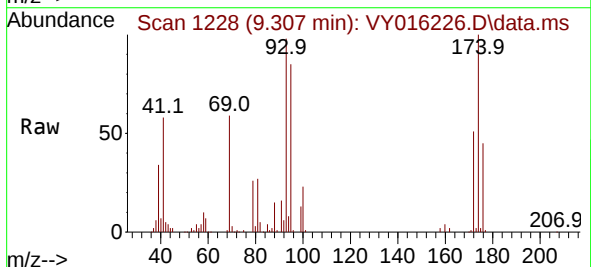
Manual Integrations
APPROVED

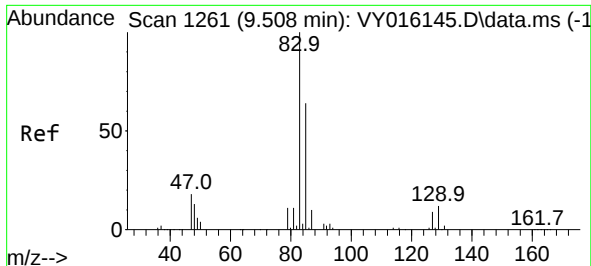
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#46
Dibromomethane
Concen: 49.550 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 93 Resp: 44622
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 102.3 84.8 127.2





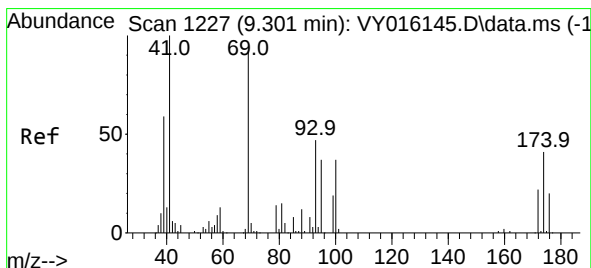
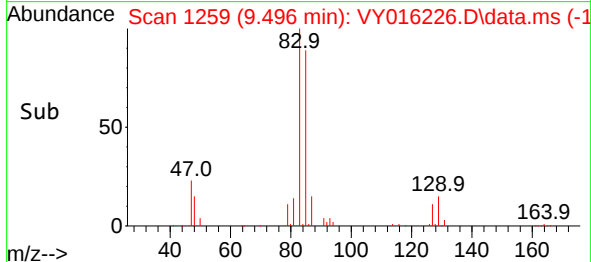
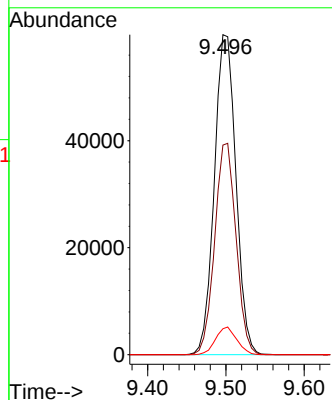
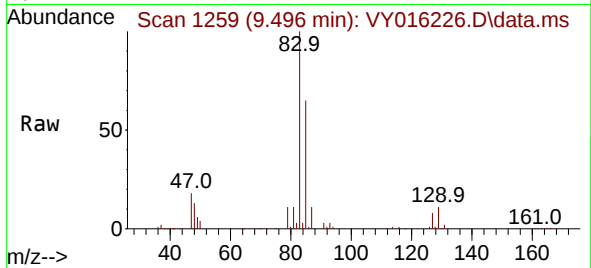
#47
Bromodichloromethane
Concen: 50.122 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 114684
Ion Ratio Lower Upper
83 100
85 65.5 50.1 75.1
127 8.1 7.1 10.7

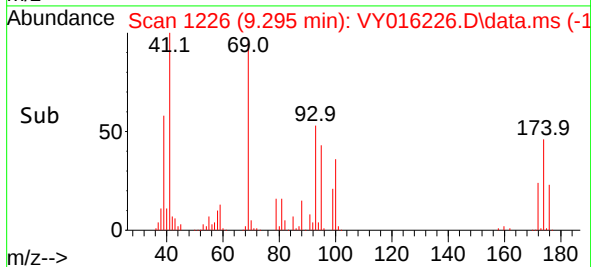
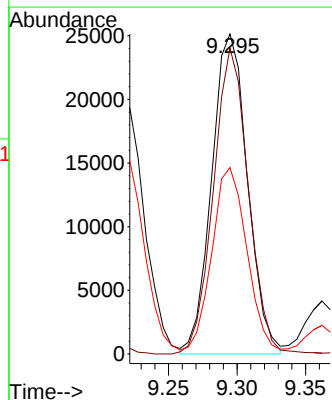
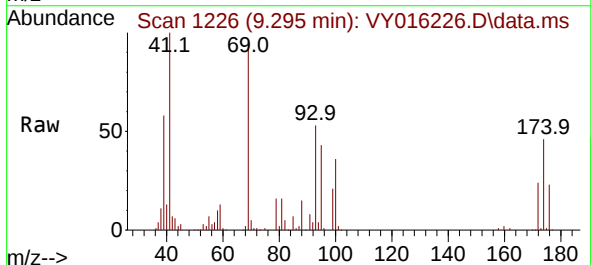
Manual Integrations
APPROVED

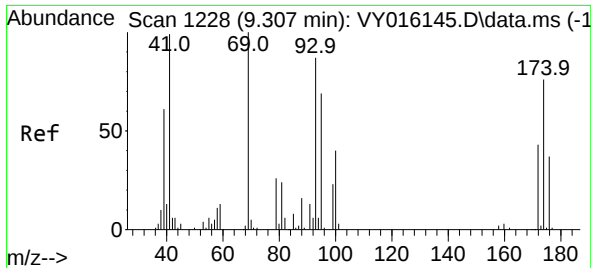
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#48
Methyl methacrylate
Concen: 49.666 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 41 Resp: 45737
Ion Ratio Lower Upper
41 100
69 93.1 64.5 96.7
39 55.1 50.8 76.2





#49

1,4-Dioxane

Concen: 895.831 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.012 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

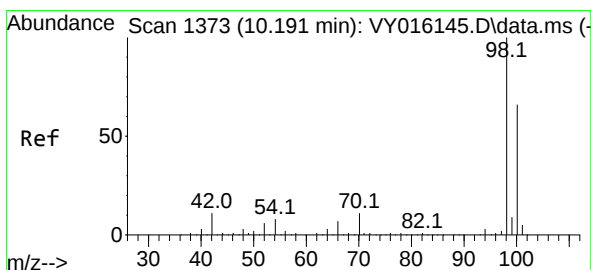
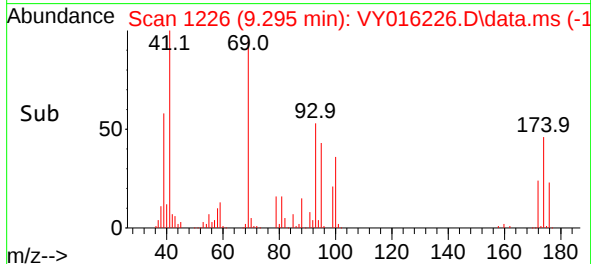
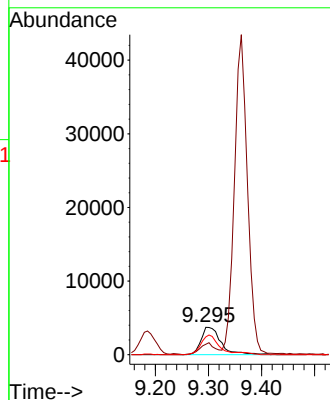
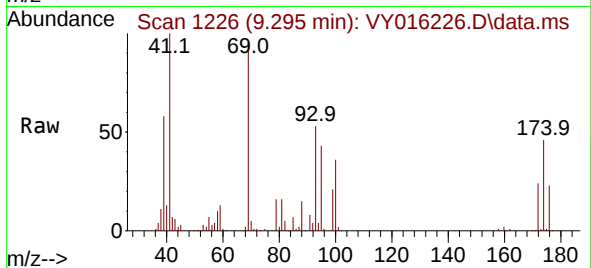
Tgt Ion: 88 Resp: 972
 Ion Ratio Lower Upper
 88 100
 43 33.5 0.0 0.0
 58 63.0 30.9 46.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#50

Toluene-d8

Concen: 50.958 ug/l

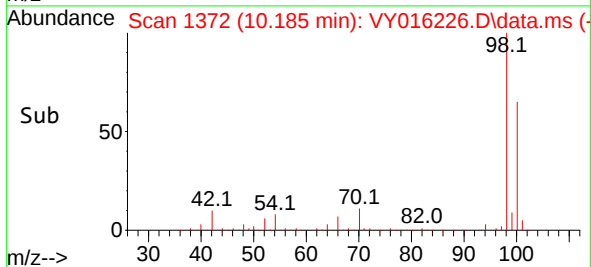
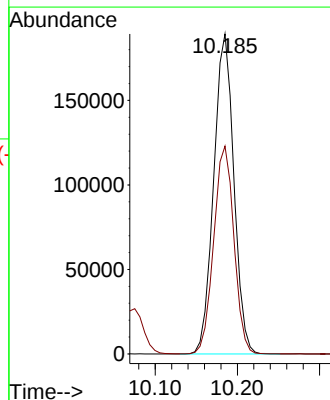
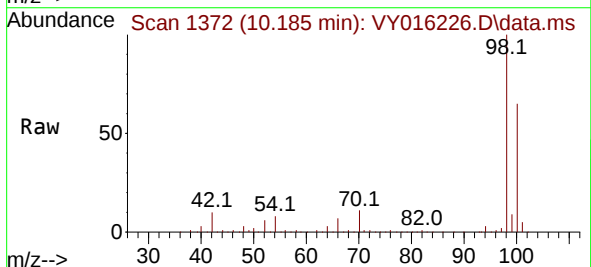
RT: 10.185 min Scan# 1372

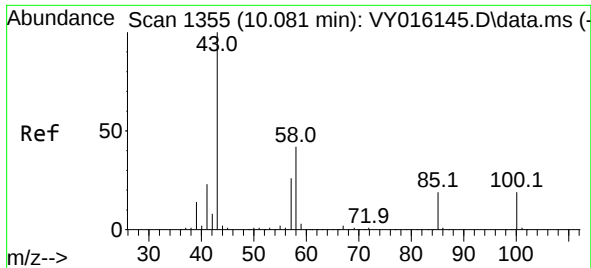
Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Tgt Ion: 98 Resp: 321621
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1





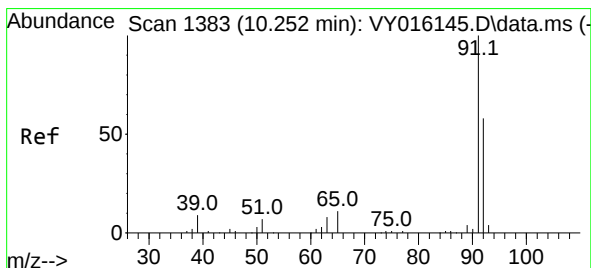
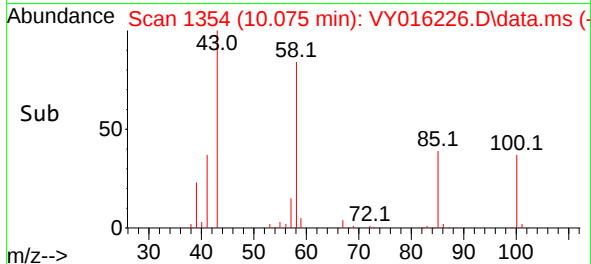
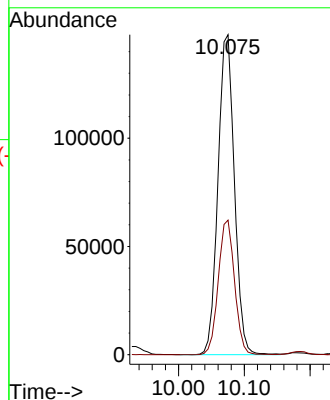
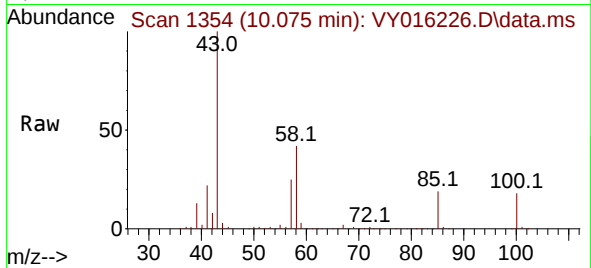
#51
4-Methyl-2-Pentanone
Concen: 253.955 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25661
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6

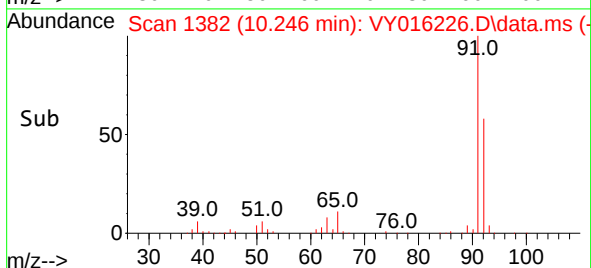
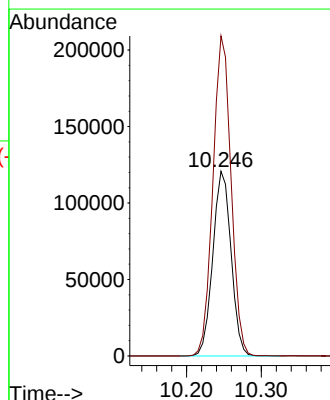
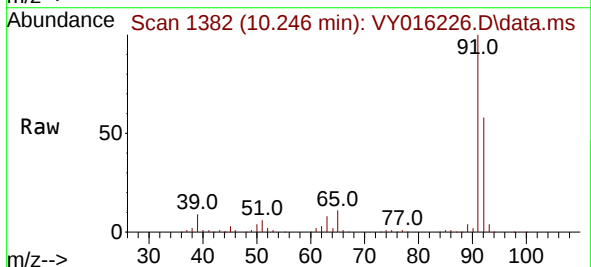
Manual Integrations
APPROVED

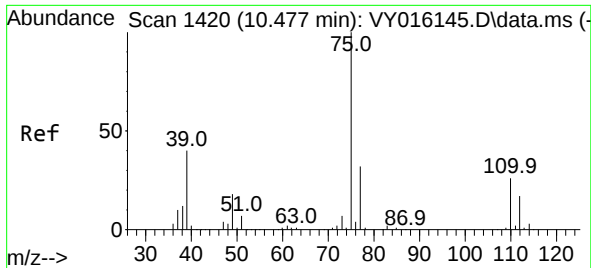
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#52
Toluene
Concen: 47.868 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 92 Resp: 204694
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6





#53
 t-1,3-Dichloropropene
 Concen: 49.904 ug/l
 RT: 10.471 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

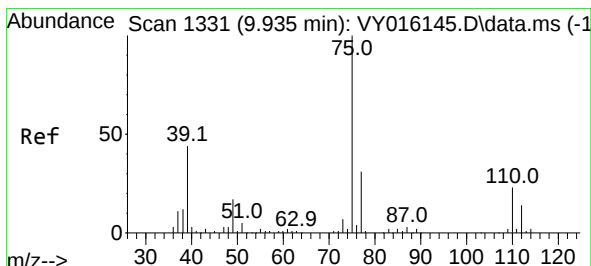
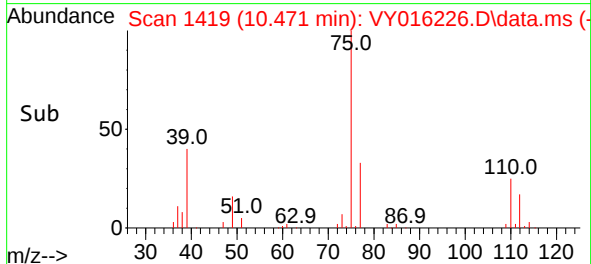
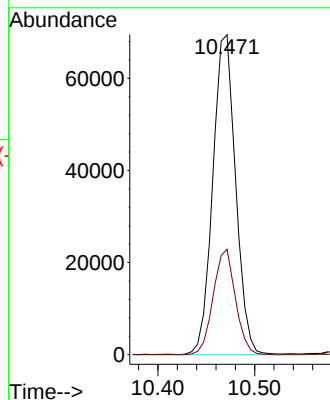
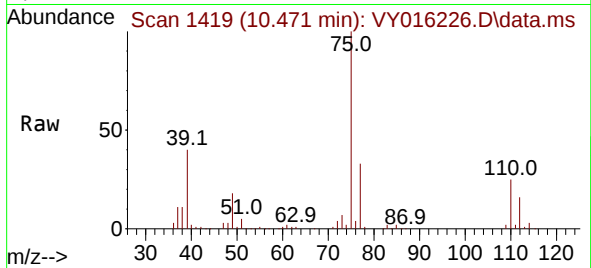
VSTDCCC050

Tgt Ion: 75 Resp: 113988
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.4

Manual Integrations

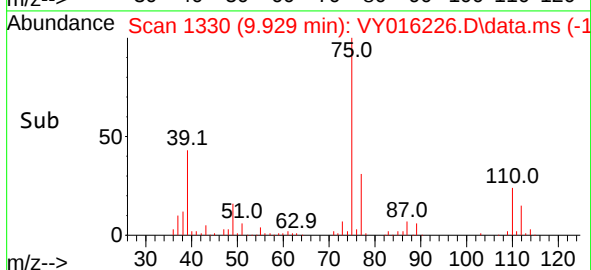
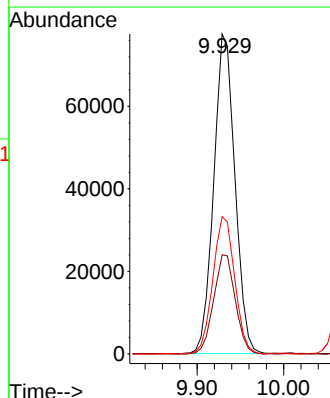
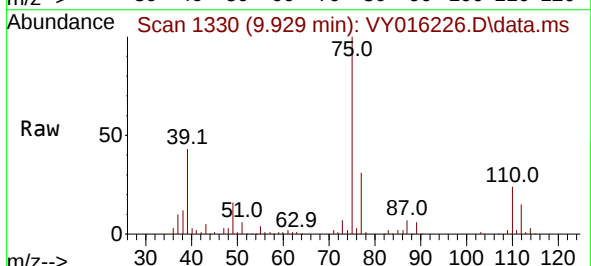
APPROVED

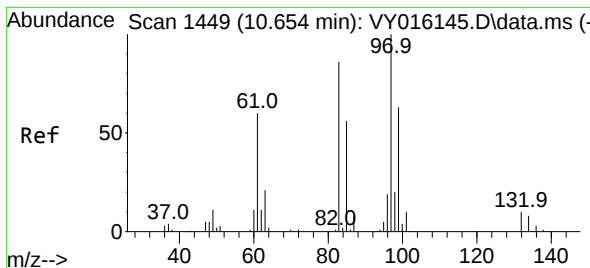
Reviewed By :John Carlone 11/07/2023
 Supervised By :Mahesh Dadoda 11/07/2023



#54
 cis-1,3-Dichloropropene
 Concen: 49.160 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY016226.D
 Acq: 06 Nov 2023 09:35

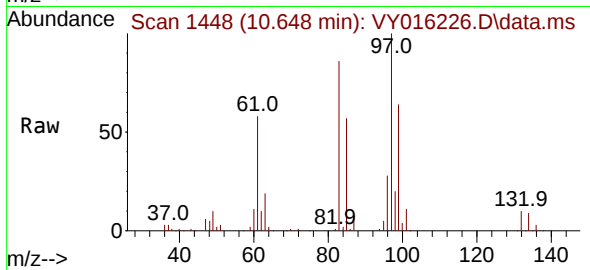
Tgt Ion: 75 Resp: 131761
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.2 36.4
 39 42.9 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 49.020 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

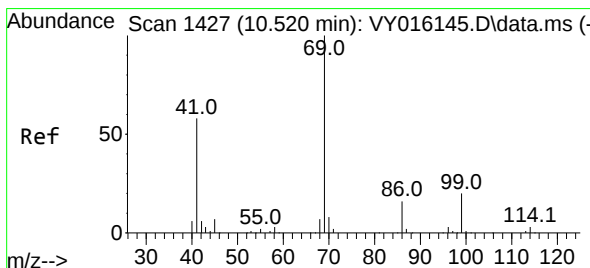
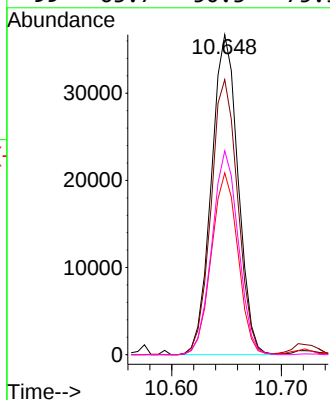
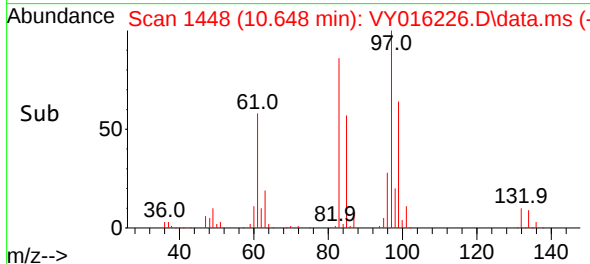
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



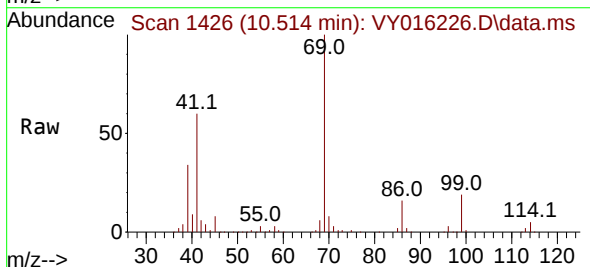
Tgt Ion: 97 Resp: 62090
Ion Ratio Lower Upper
97 100
83 86.0 72.0 108.0
85 56.8 45.4 68.0
99 63.7 50.3 75.5

Manual Integrations
APPROVED

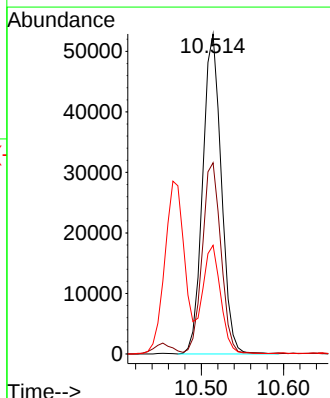
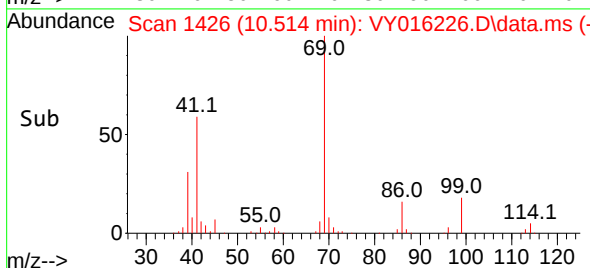
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

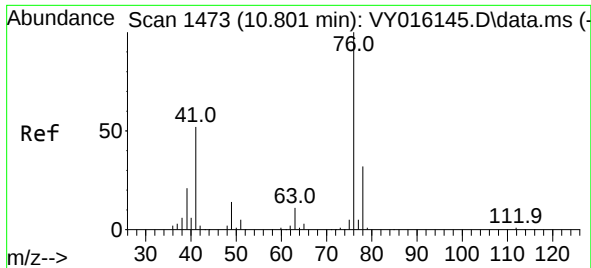


#56
Ethyl methacrylate
Concen: 50.509 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



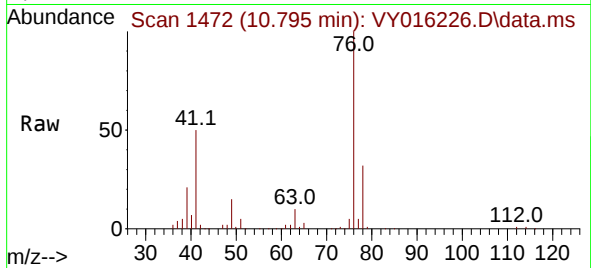
Tgt Ion: 69 Resp: 83094
Ion Ratio Lower Upper
69 100
41 59.7 57.6 86.4
39 33.1 34.1 51.1#





#57
1,3-Dichloropropane
Concen: 49.062 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

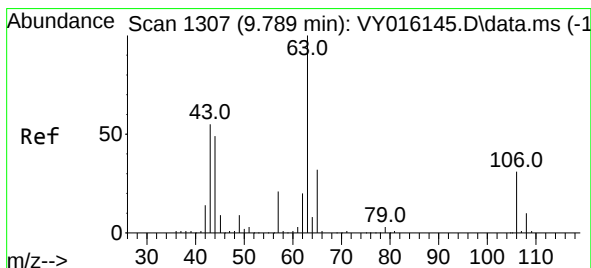
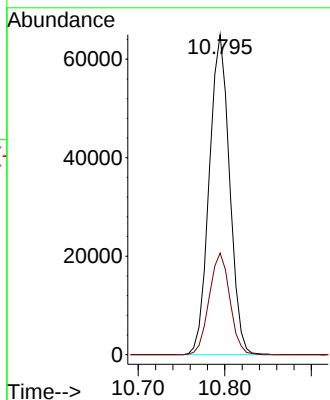
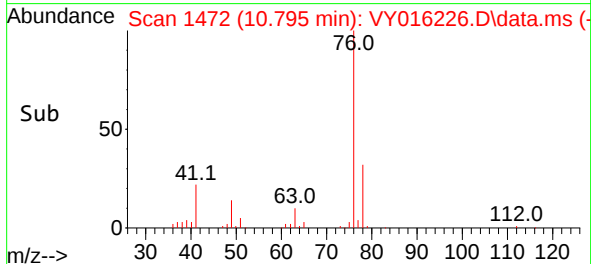
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



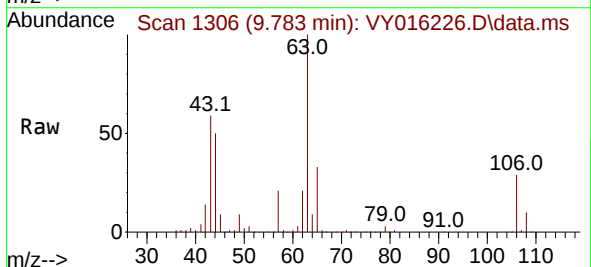
Tgt Ion: 76 Resp: 105802
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9

Manual Integrations
APPROVED

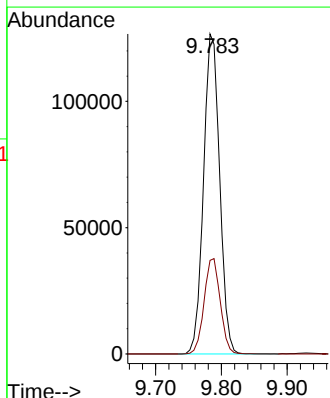
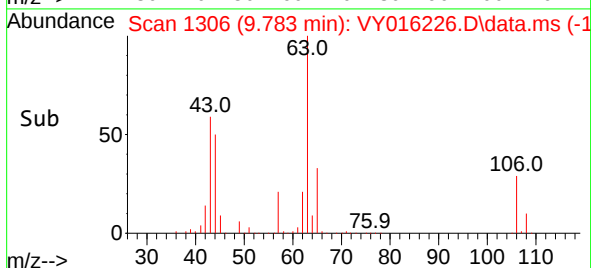
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

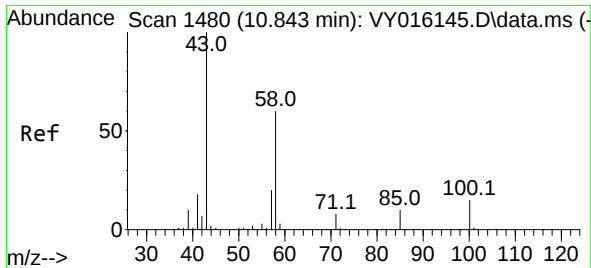


#58
2-Chloroethyl Vinyl ether
Concen: 270.801 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion: 63 Resp: 216027
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8





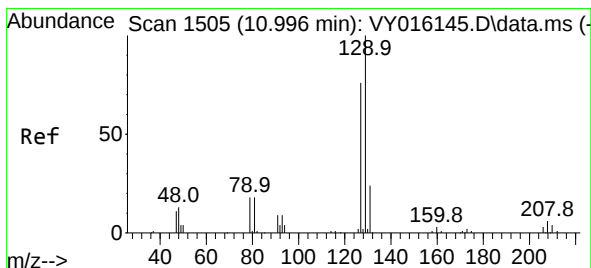
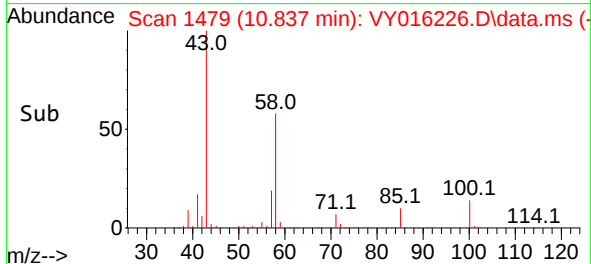
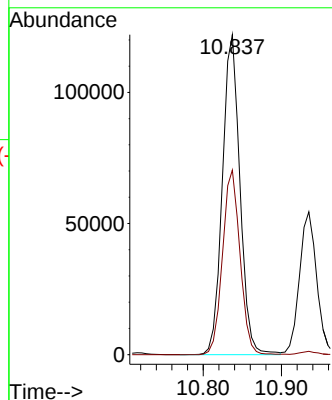
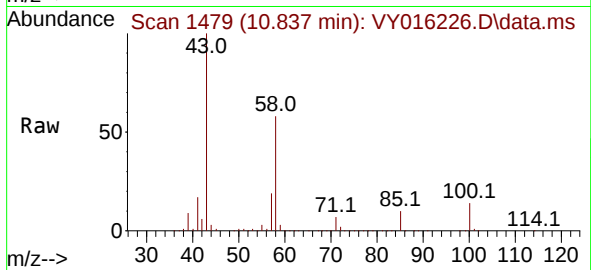
#59
2-Hexanone
Concen: 274.983 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19041
Ion Ratio Lower Upper
43 100
58 57.4 25.1 75.3

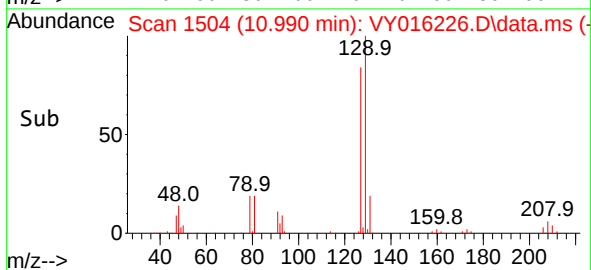
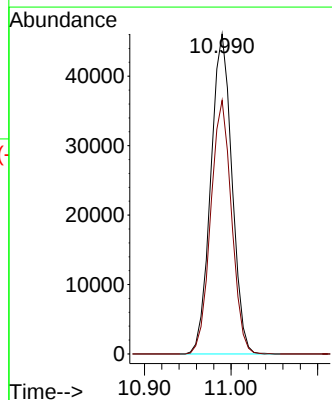
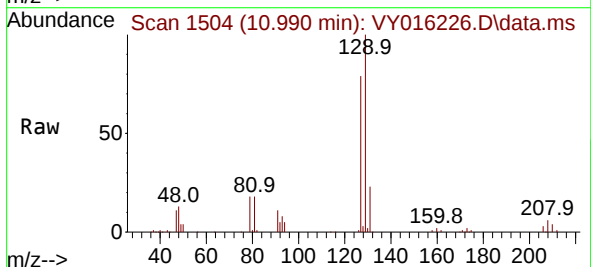
Manual Integrations
APPROVED

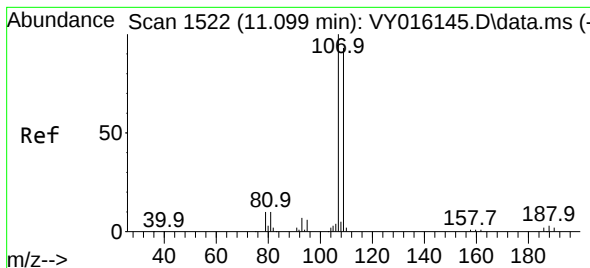
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#60
Dibromochloromethane
Concen: 49.238 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:129 Resp: 78250
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5





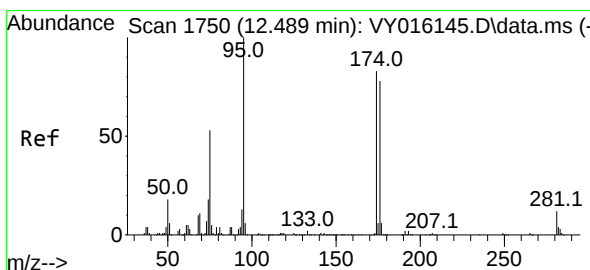
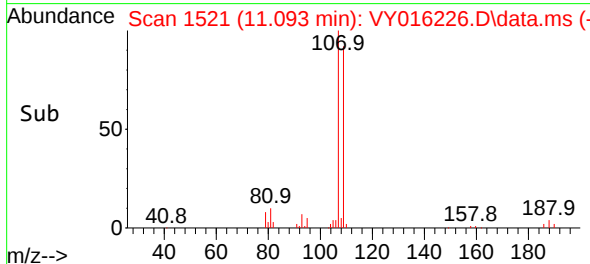
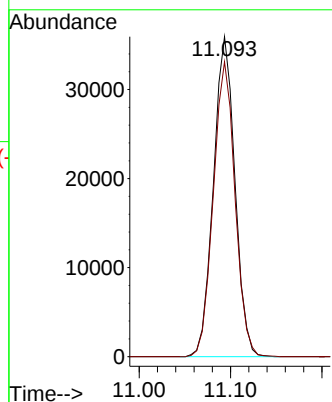
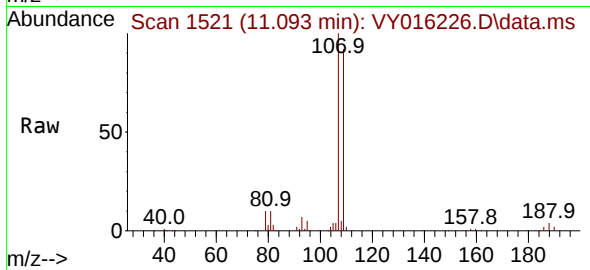
#61
1,2-Dibromoethane
Concen: 48.735 ug/l
RT: 11.093 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5872
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

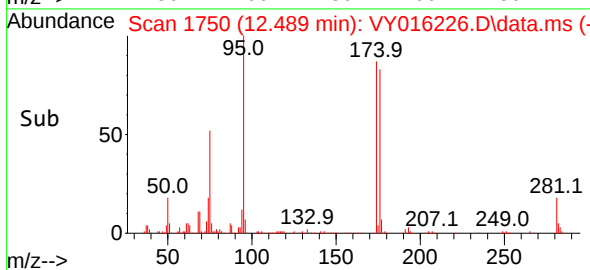
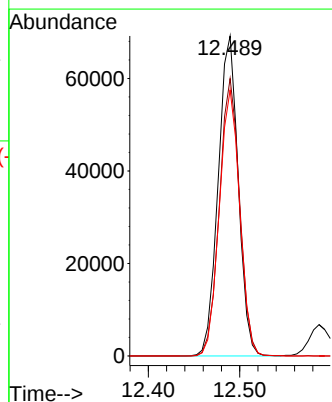
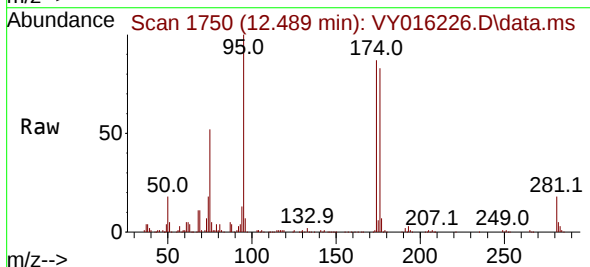
Manual Integrations
APPROVED

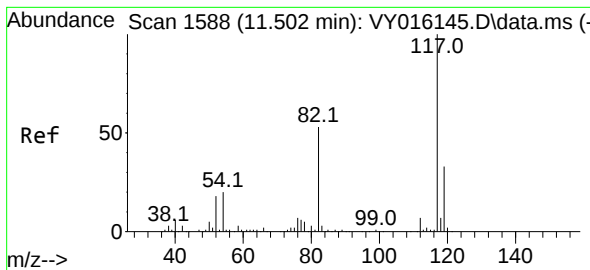
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#62
4-Bromofluorobenzene
Concen: 48.870 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 95 Resp: 105469
Ion Ratio Lower Upper
95 100
174 87.6 0.0 178.2
176 84.7 0.0 173.8





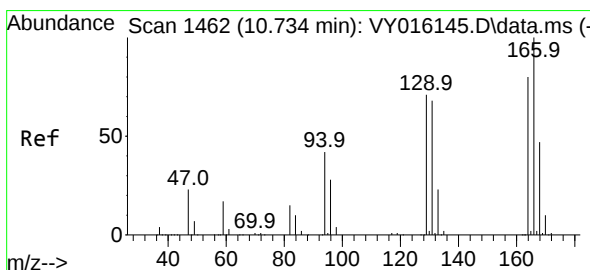
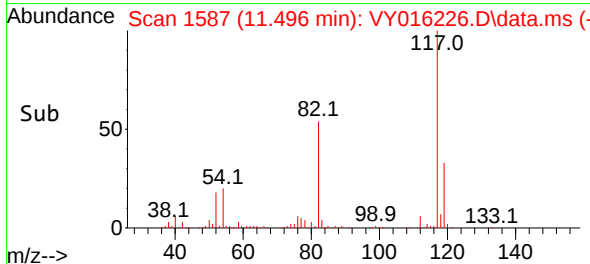
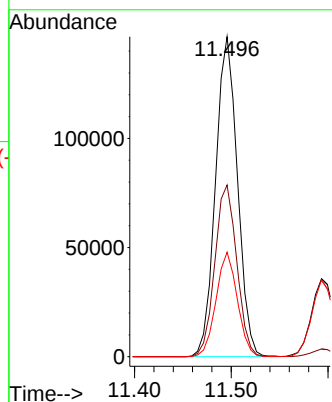
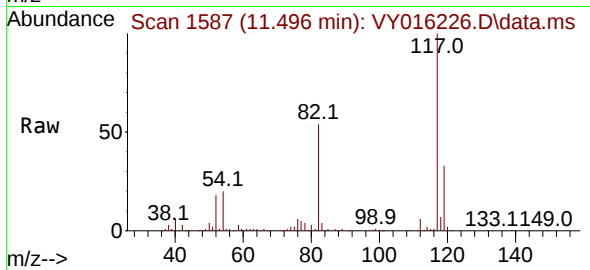
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 23049
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.7 26.3 39.5

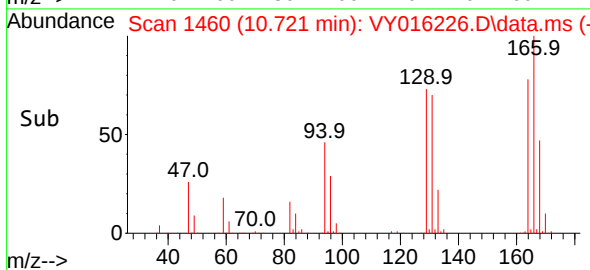
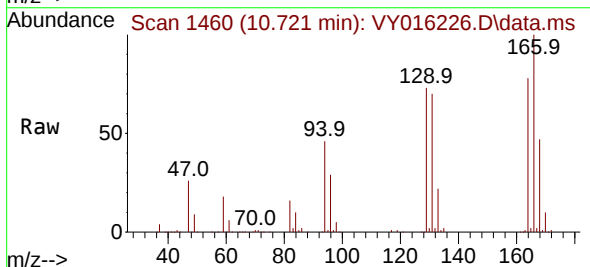
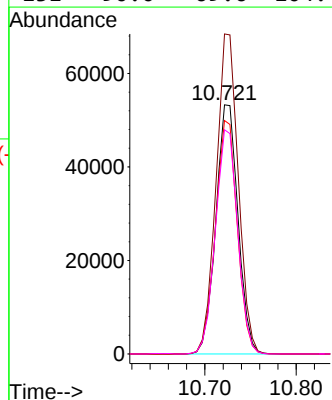
Manual Integrations
APPROVED

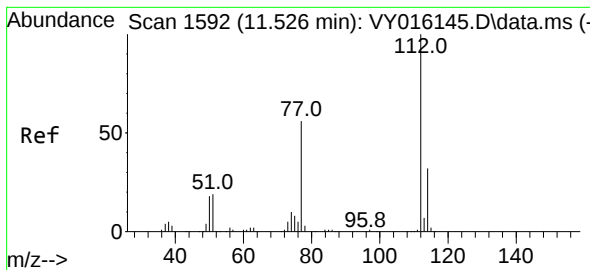
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#64
Tetrachloroethene
Concen: 43.826 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.012 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:164 Resp: 89853
Ion Ratio Lower Upper
164 100
166 128.4 103.0 154.6
129 93.7 77.2 115.8
131 90.0 69.6 104.4





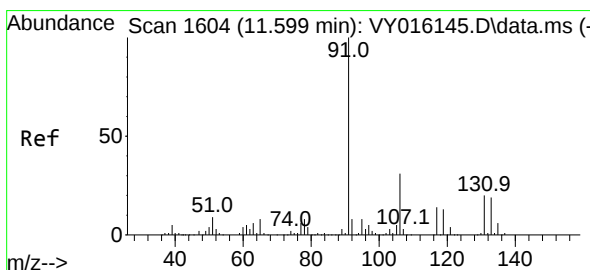
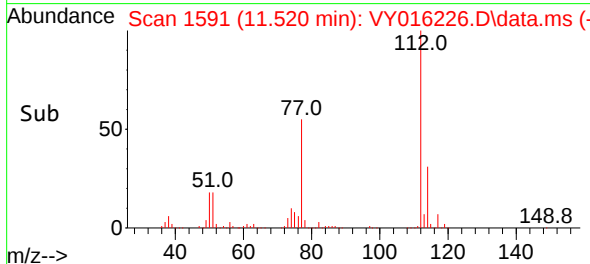
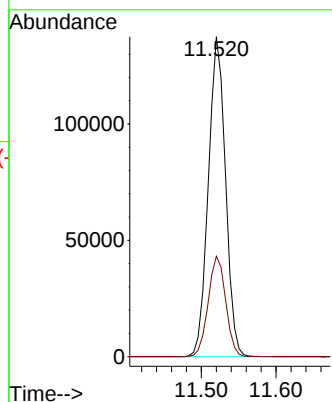
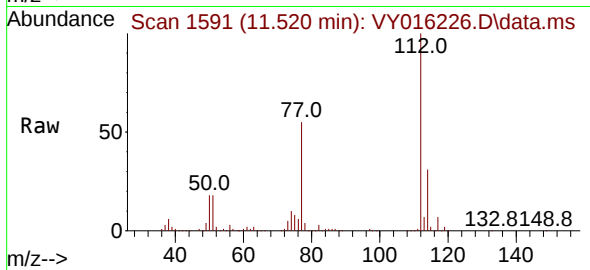
#65
Chlorobenzene
Concen: 47.987 ug/l
RT: 11.520 min Scan# 1592
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 219750
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3

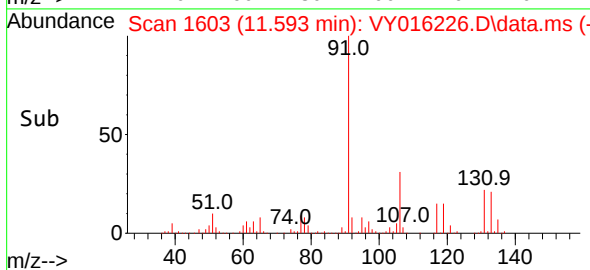
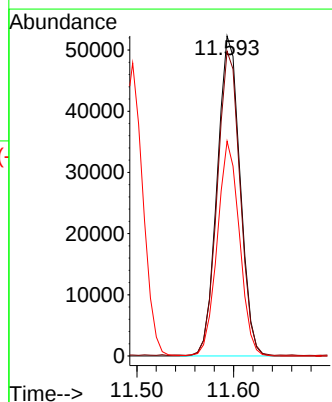
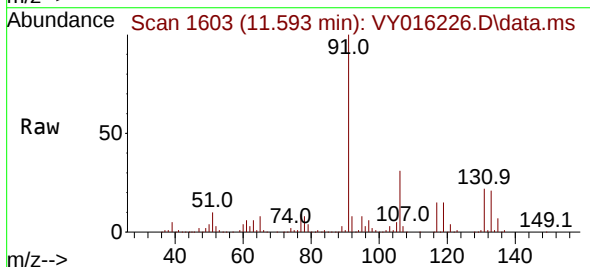
Manual Integrations
APPROVED

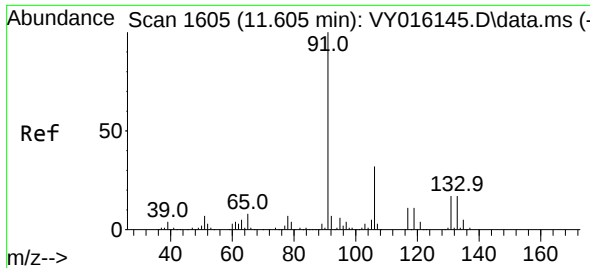
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.493 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:131 Resp: 85644
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.6
119 65.2 31.6 94.7





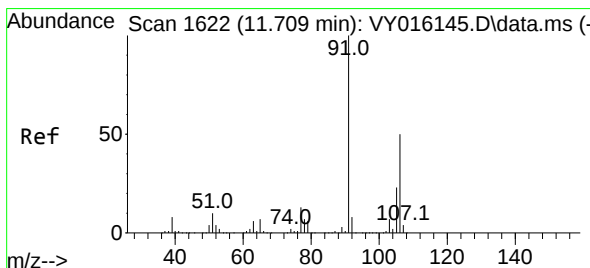
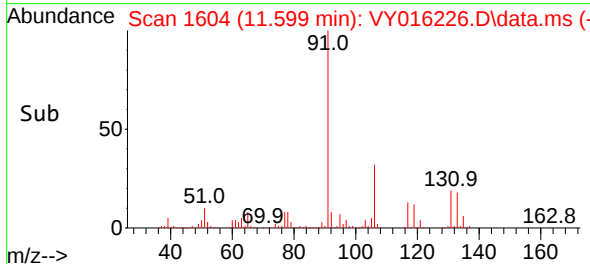
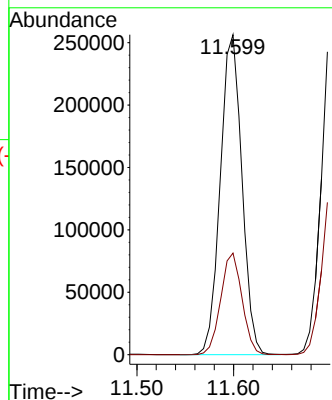
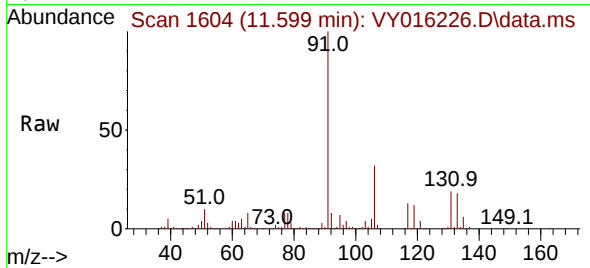
#67
Ethyl Benzene
Concen: 48.462 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 396938
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8

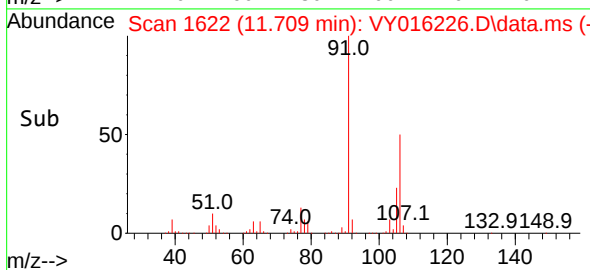
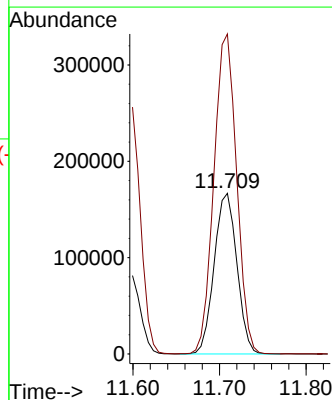
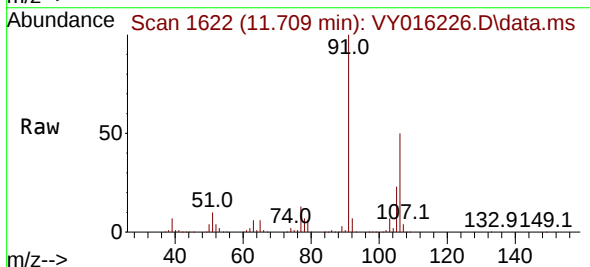
Manual Integrations
APPROVED

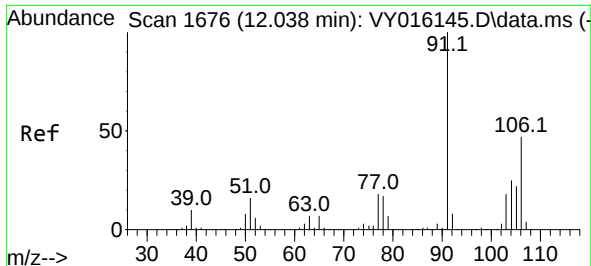
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#68
m/p-Xylenes
Concen: 95.996 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:106 Resp: 303828
Ion Ratio Lower Upper
106 100
91 199.4 166.1 249.1





#69

o-Xylene

Concen: 48.479 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 146498

Ion Ratio Lower Upper

106 100

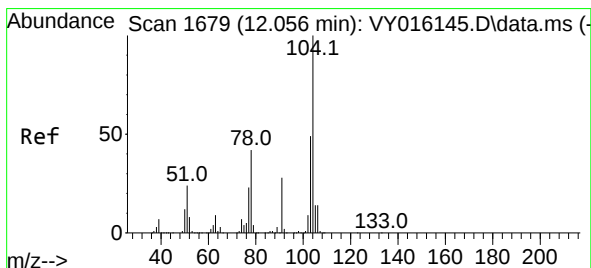
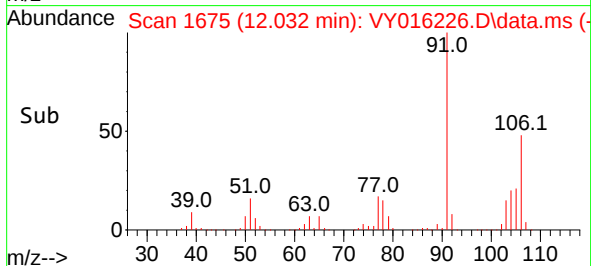
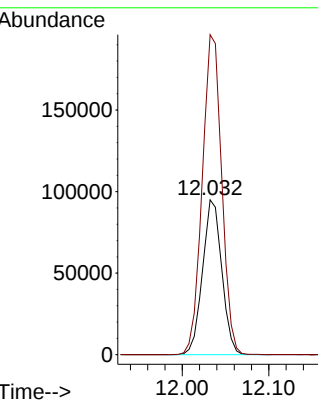
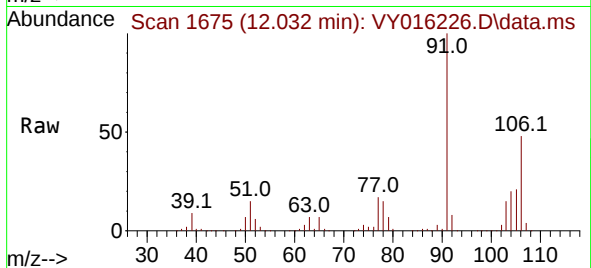
91 209.1 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#70

Styrene

Concen: 48.339 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

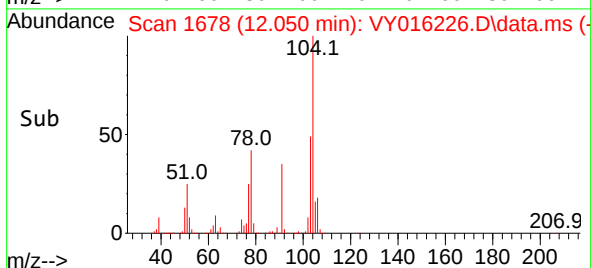
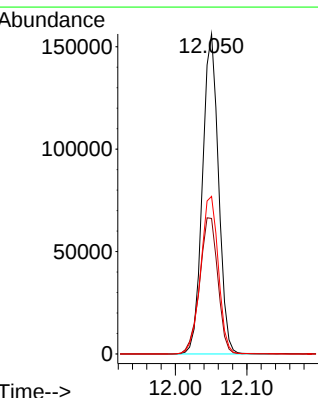
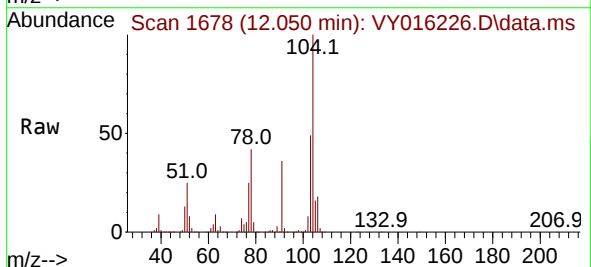
Tgt Ion:104 Resp: 242841

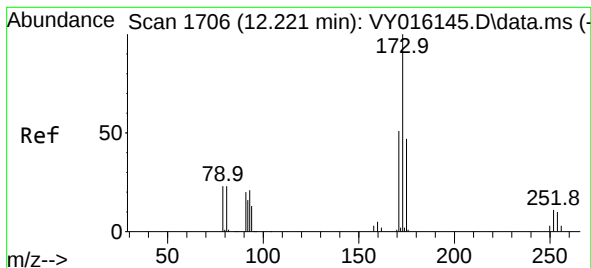
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 54.4 44.6 67.0





#71

Bromoform

Concen: 50.809 ug/l

RT: 12.215 min Scan# 1706

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

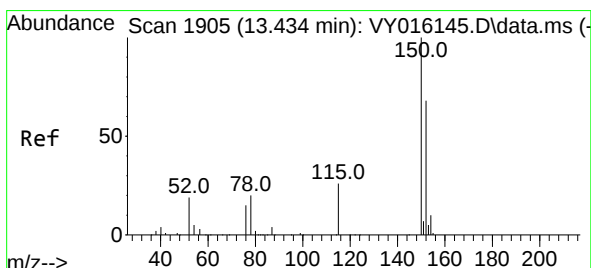
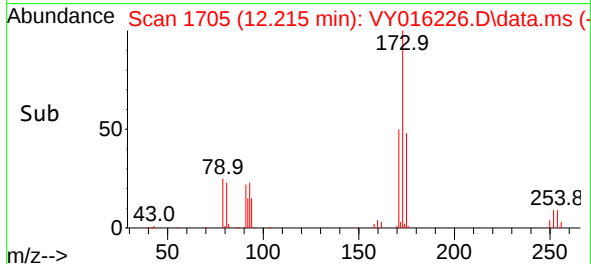
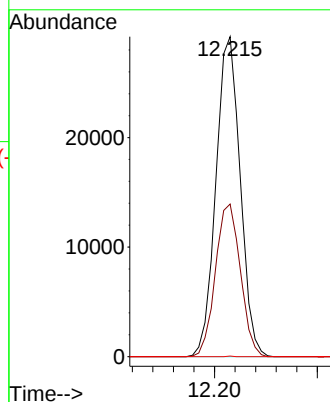
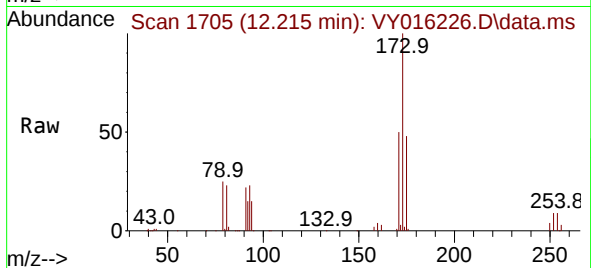
Tgt Ion:	173	Resp:	47809
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

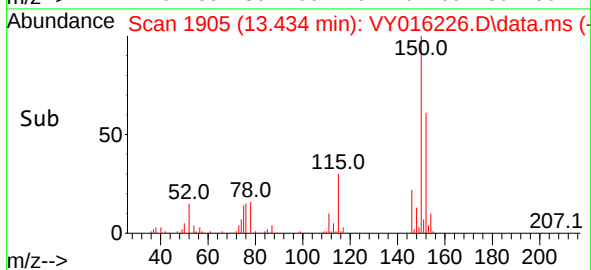
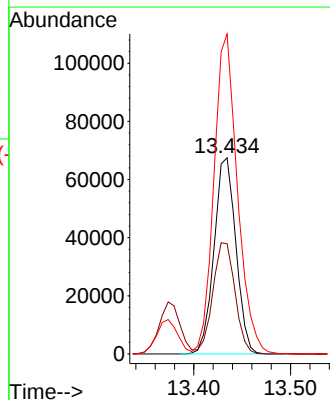
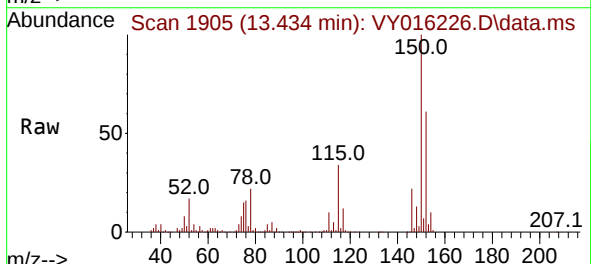
RT: 13.434 min Scan# 1905

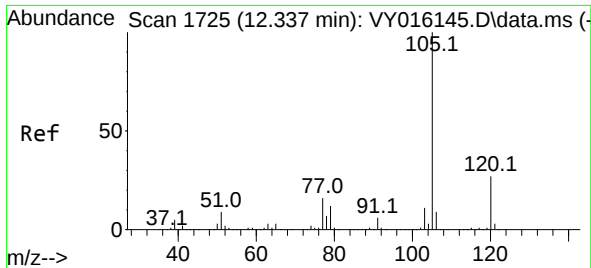
Delta R.T. 0.000 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Tgt Ion:	152	Resp:	105847
Ion Ratio	Lower	Upper	
152	100		
115	57.8	28.8	86.5
150	175.2	0.0	348.8





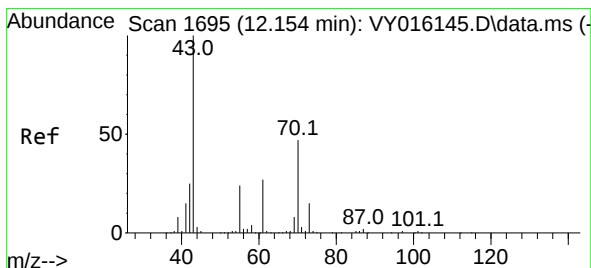
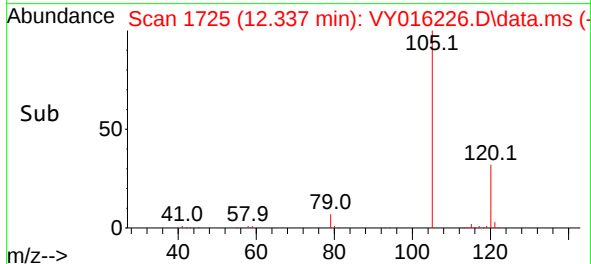
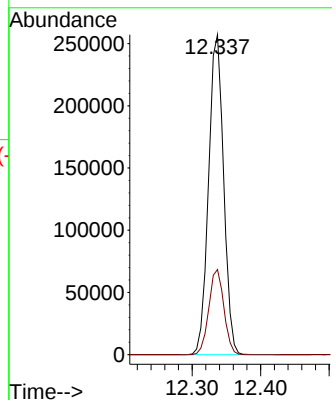
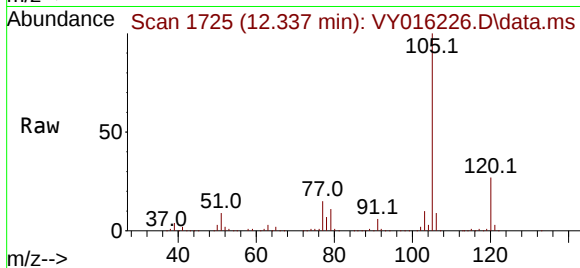
#73
Isopropylbenzene
Concen: 49.437 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 392524
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

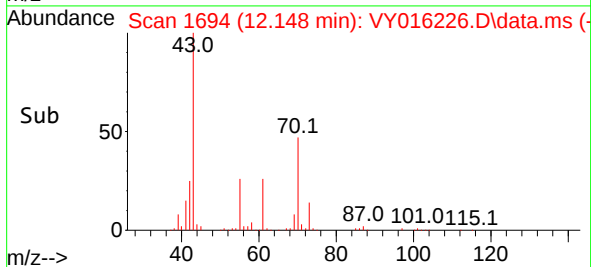
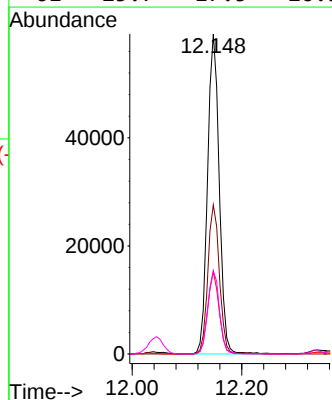
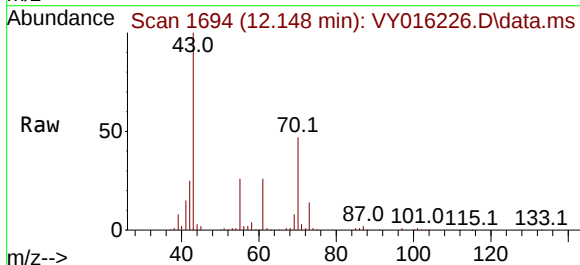
Manual Integrations
APPROVED

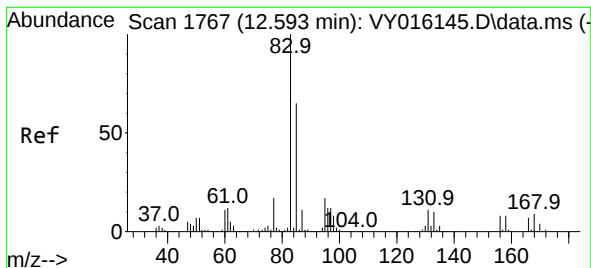
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#74
N-ethyl acetate
Concen: 50.604 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 43 Resp: 87312
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 25.0 18.3 27.5
61 25.7 17.5 26.3





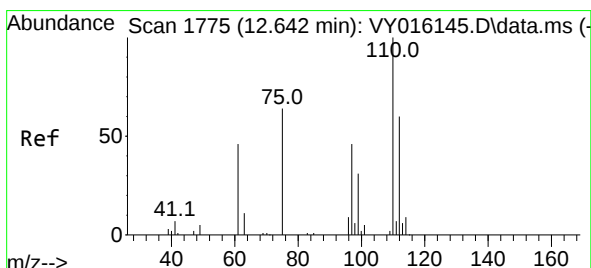
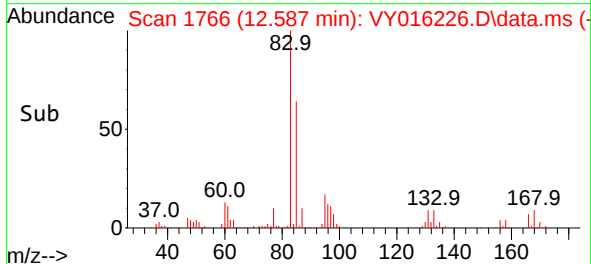
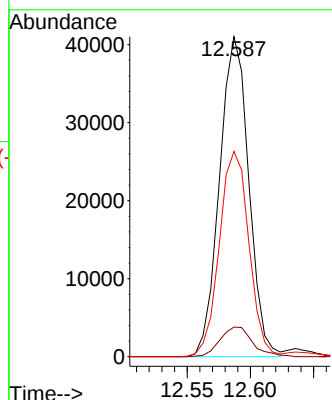
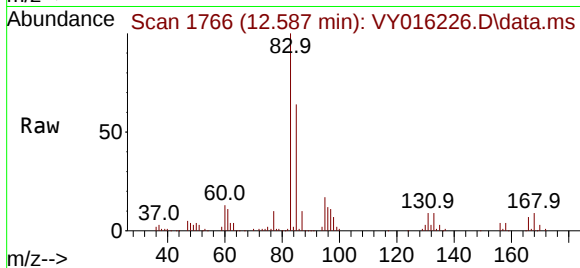
#75
1,1,2,2-Tetrachloroethane
Concen: 52.164 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 6590
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.9 31.8 95.4

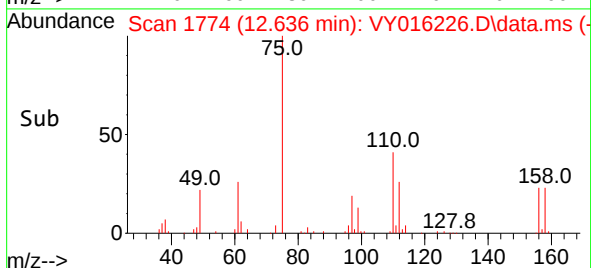
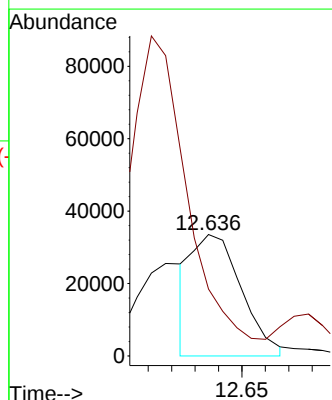
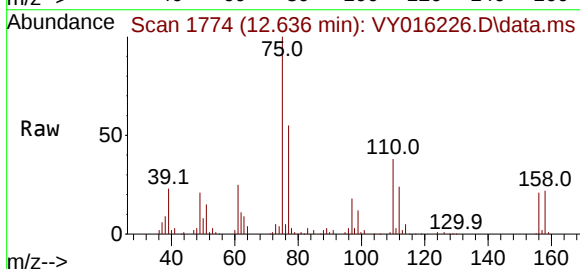
Manual Integrations
APPROVED

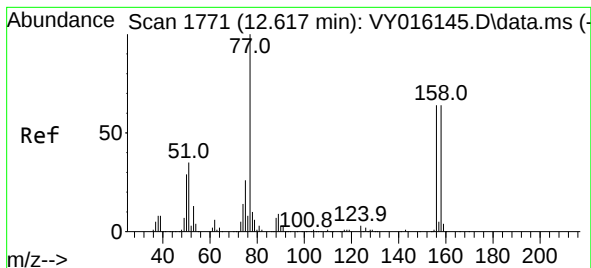
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#76
1,2,3-Trichloropropane
Concen: 49.784 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 75 Resp: 49623
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.148 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 88360

Ion Ratio Lower Upper

156 100

77 178.2 92.8 278.6

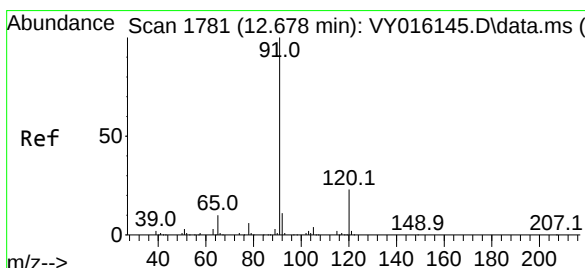
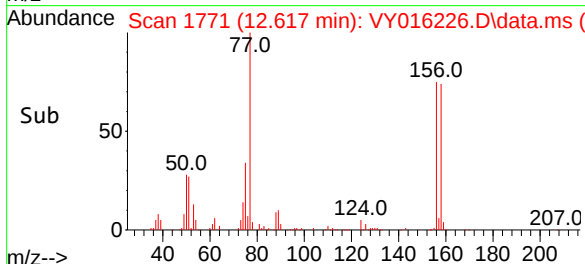
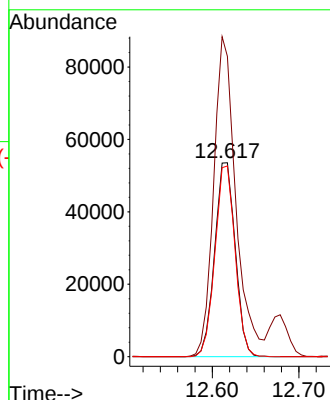
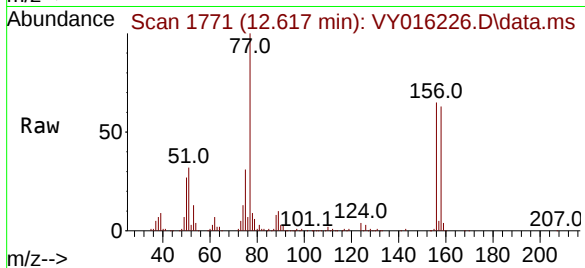
158 96.6 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#78

n-propylbenzene

Concen: 49.978 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016226.D

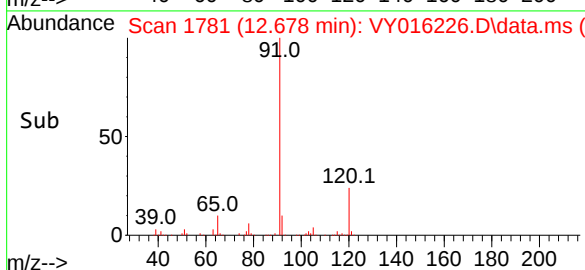
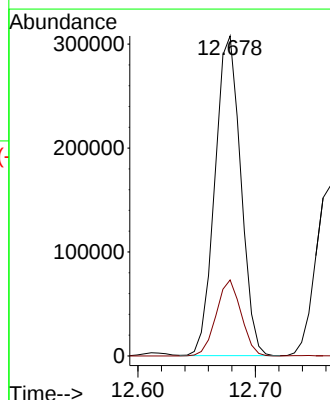
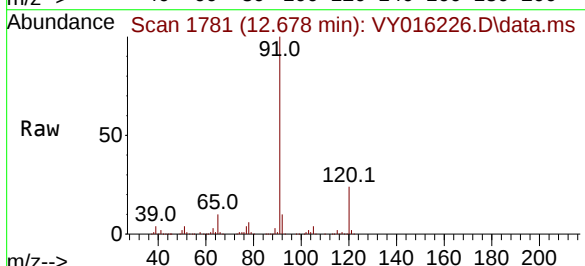
Acq: 06 Nov 2023 09:35

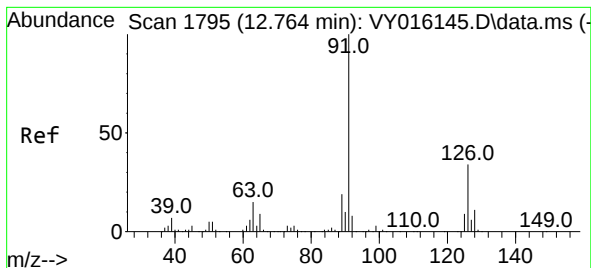
Tgt Ion: 91 Resp: 469139

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





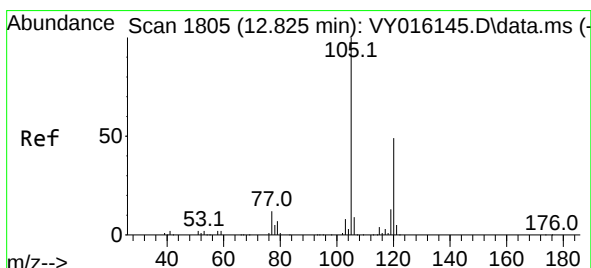
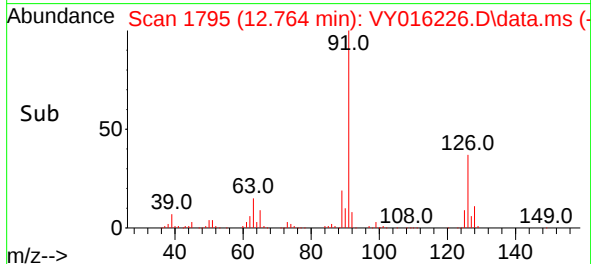
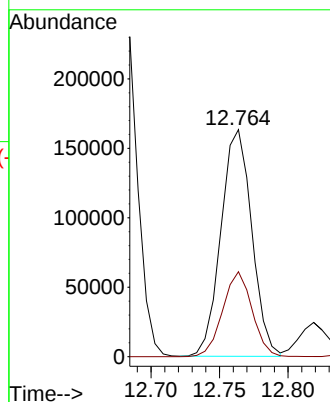
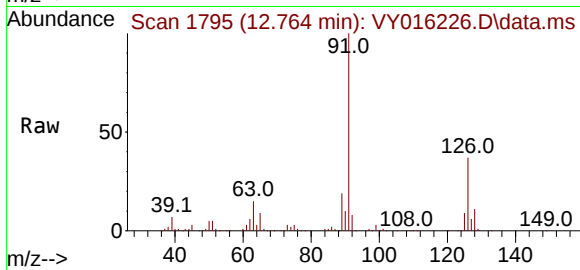
#79
2-Chlorotoluene
Concen: 48.868 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 25585
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7

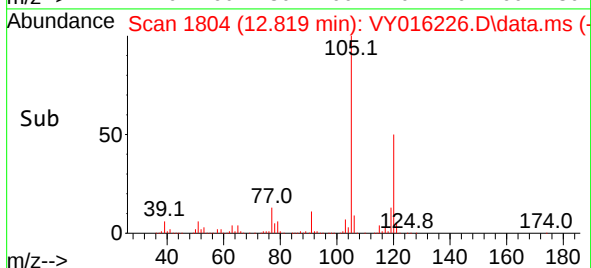
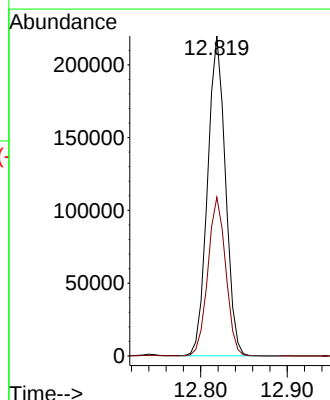
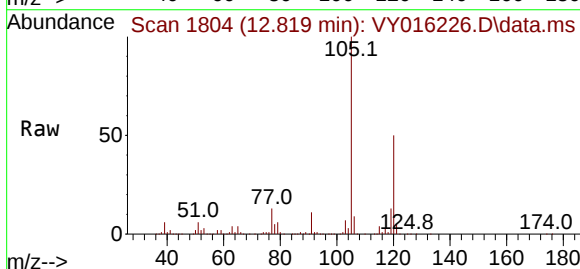
Manual Integrations
APPROVED

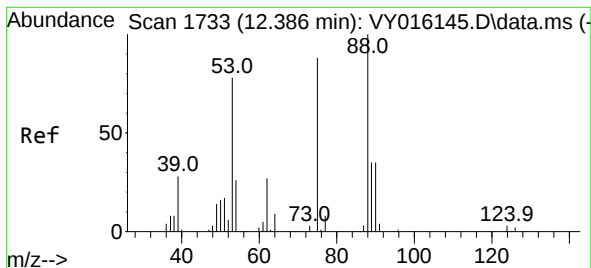
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.007 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:105 Resp: 315242
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7





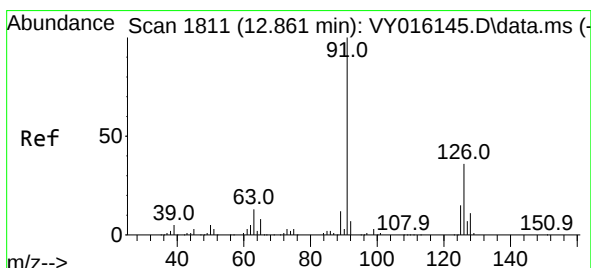
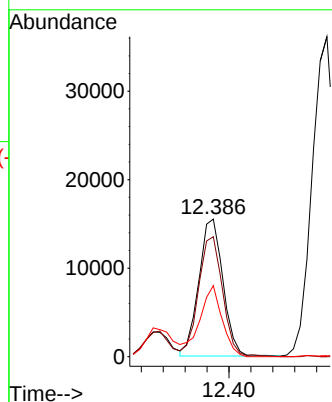
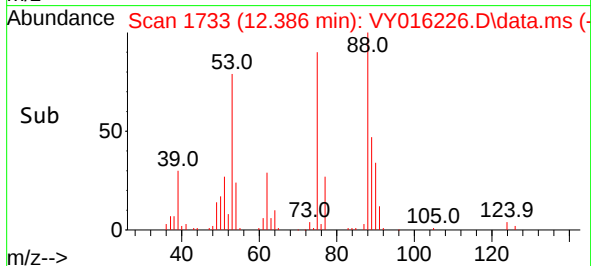
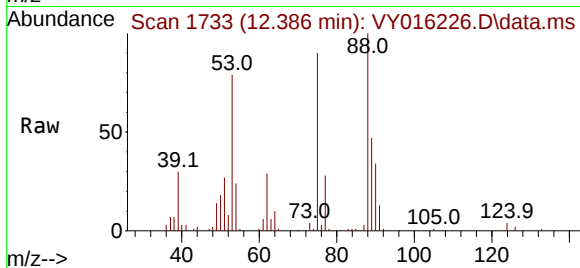
#81
trans-1,4-Dichloro-2-butene
Concen: 51.443 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 23649
Ion Ratio Lower Upper
75 100
53 87.7 77.8 116.8
89 48.7 37.4 56.0

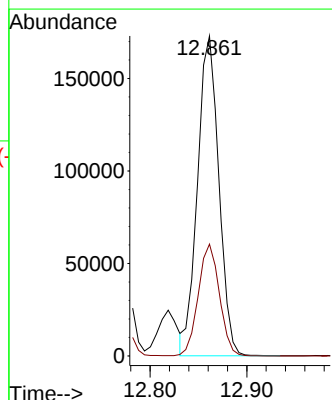
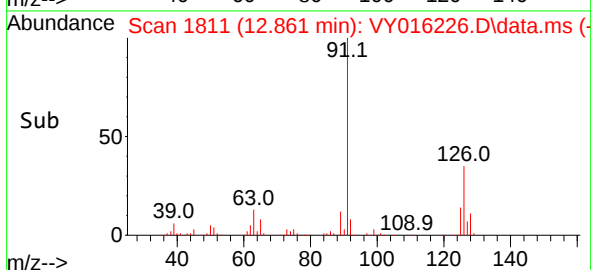
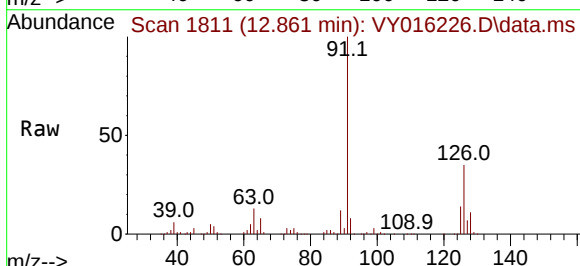
Manual Integrations
APPROVED

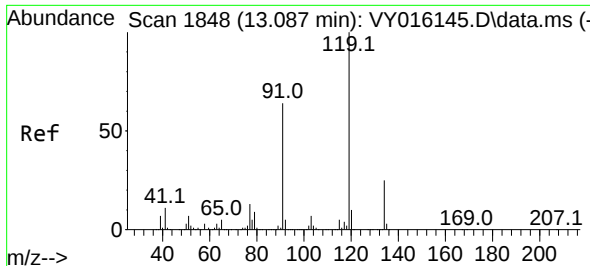
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#82
4-Chlorotoluene
Concen: 49.350 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 91 Resp: 265314
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





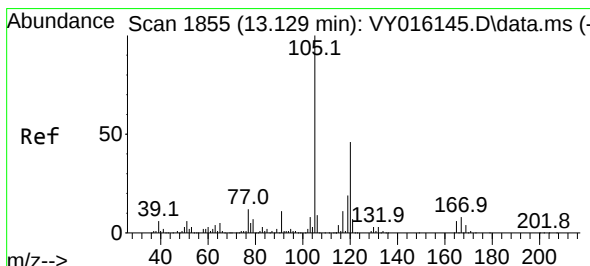
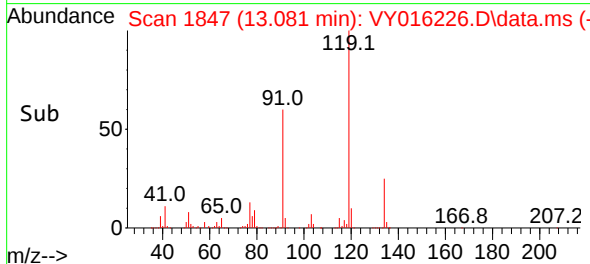
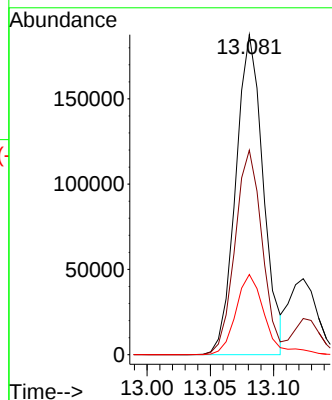
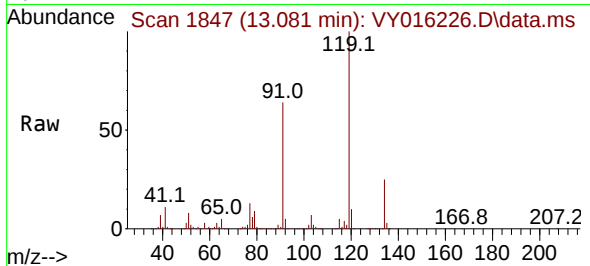
#83
tert-Butylbenzene
Concen: 49.482 ug/l
RT: 13.081 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 284800
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.3 13.0 38.9

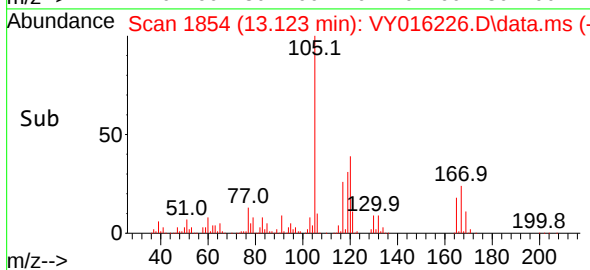
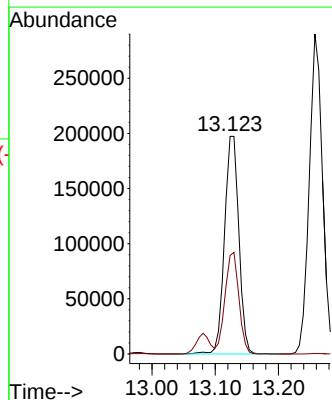
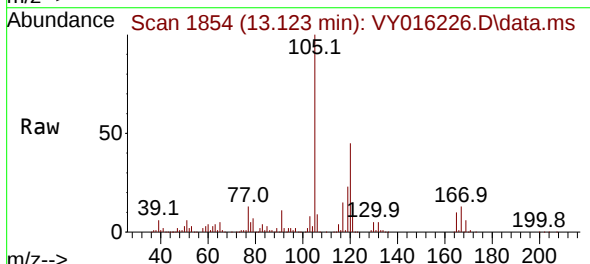
Manual Integrations
APPROVED

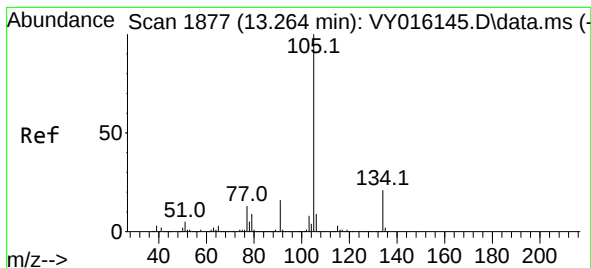
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.680 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:105 Resp: 309849
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.741 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 420190

Ion Ratio Lower Upper

105 100

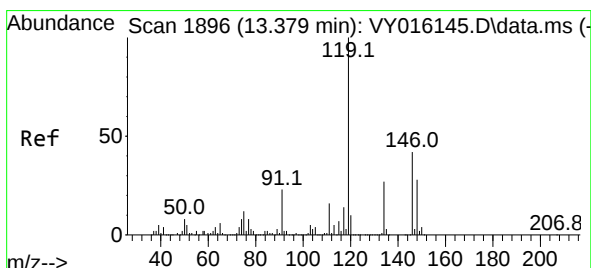
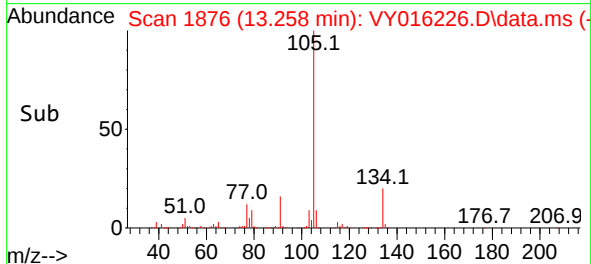
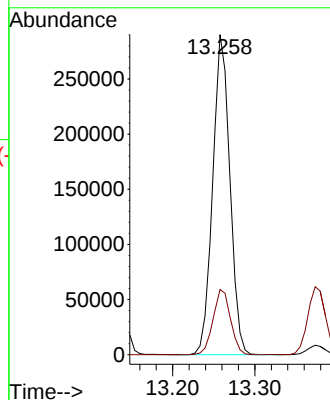
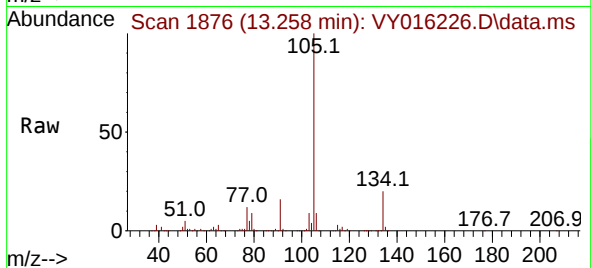
134 20.7 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#86

p-Isopropyltoluene

Concen: 49.300 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

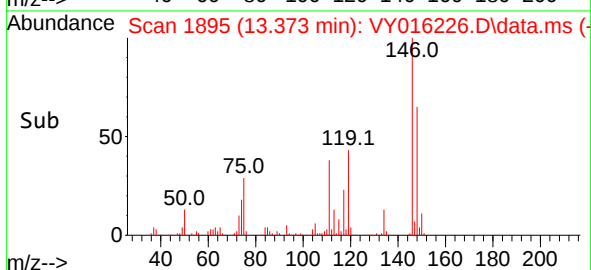
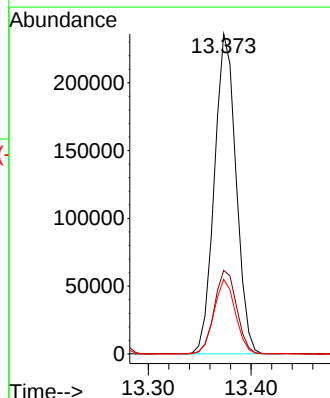
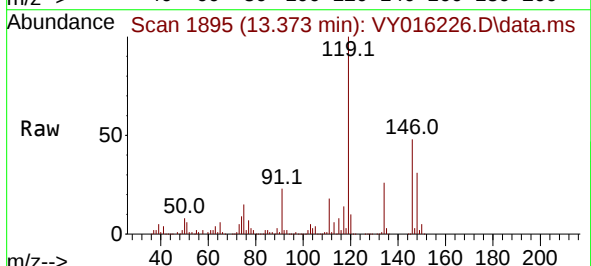
Tgt Ion:119 Resp: 345168

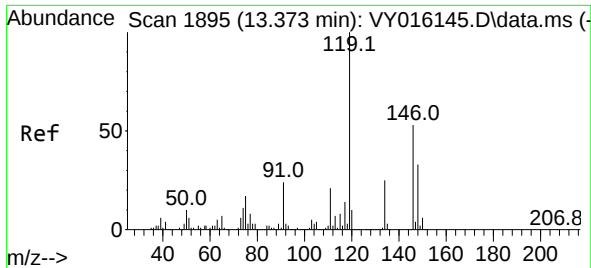
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

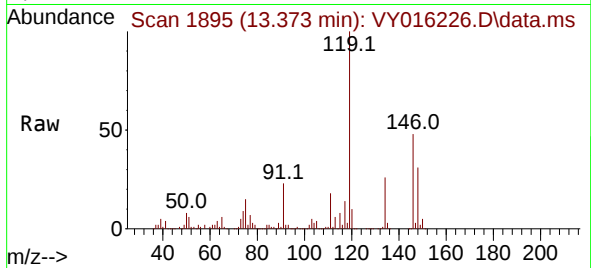
91 23.1 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 48.472 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

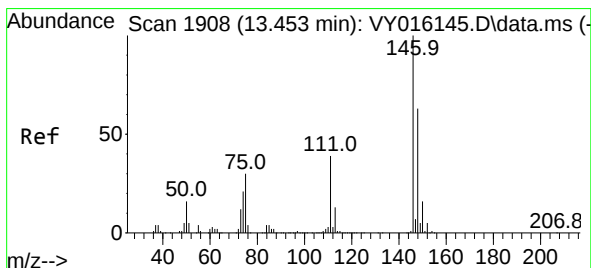
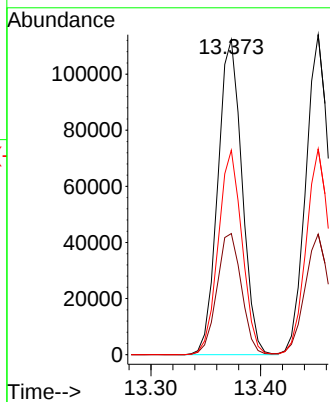
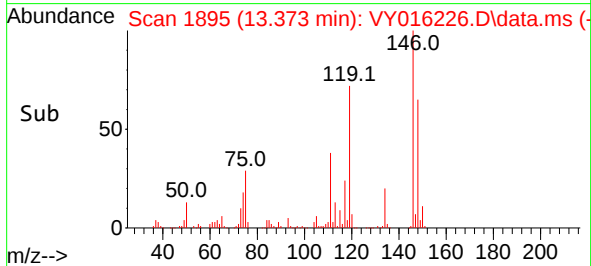
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



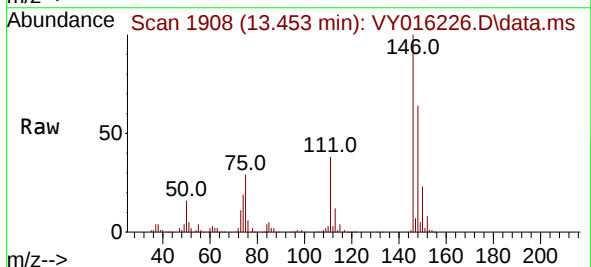
Tgt Ion:146 Resp: 172348
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 63.9 31.9 95.5

Manual Integrations
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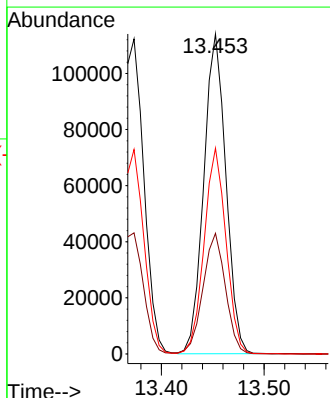
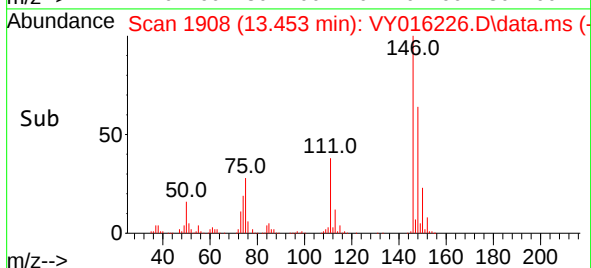
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023

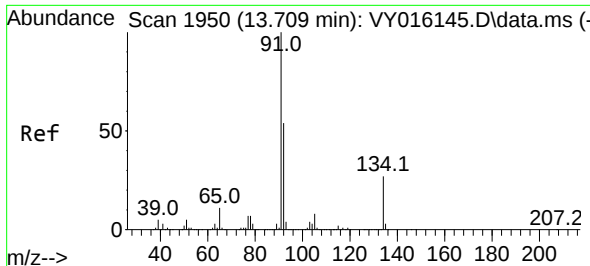


#88
1,4-Dichlorobenzene
Concen: 48.641 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion:146 Resp: 170938
Ion Ratio Lower Upper
146 100
111 38.6 18.9 56.7
148 63.7 32.1 96.5





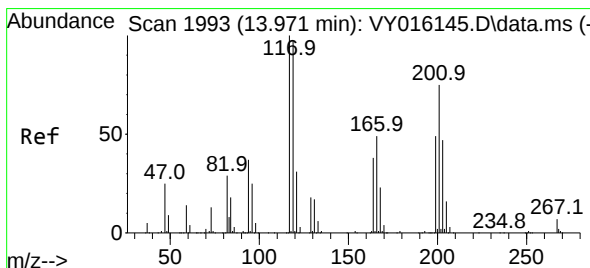
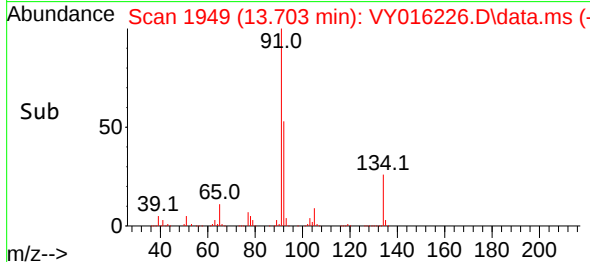
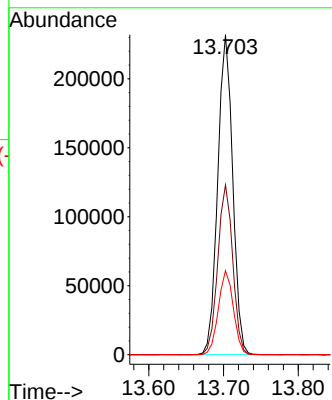
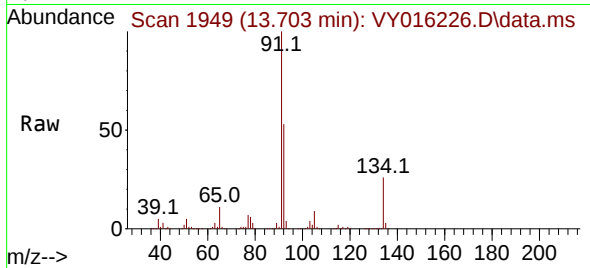
#89
n-Butylbenzene
Concen: 50.196 ug/l
RT: 13.703 min Scan# 1950
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 32291
Ion Ratio Lower Upper
91 100
92 53.2 25.4 76.0
134 26.3 12.6 37.6

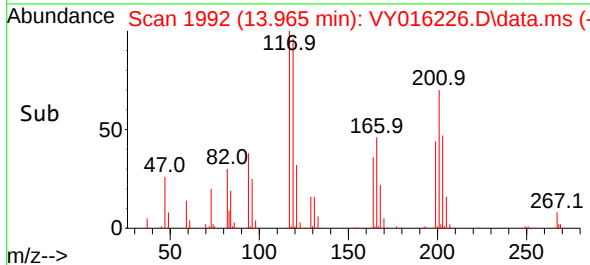
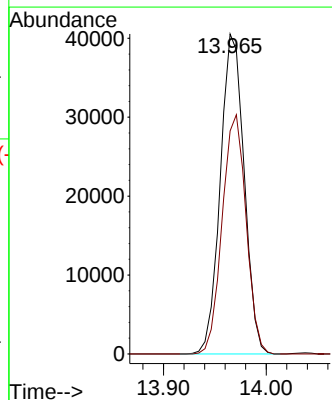
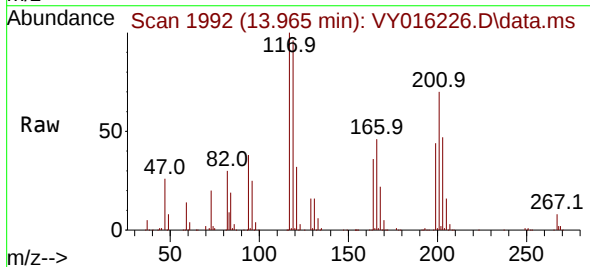
Manual Integrations
APPROVED

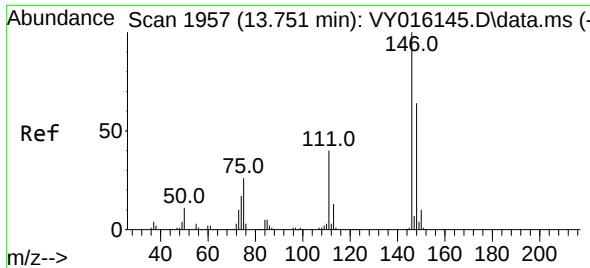
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#90
Hexachloroethane
Concen: 54.063 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion:117 Resp: 65229
Ion Ratio Lower Upper
117 100
201 74.9 41.6 124.8





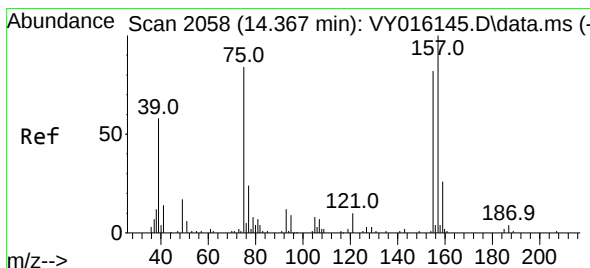
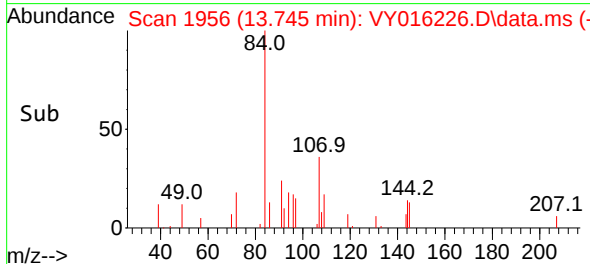
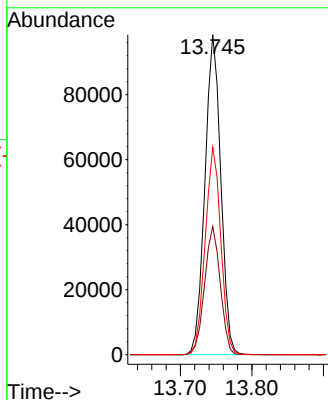
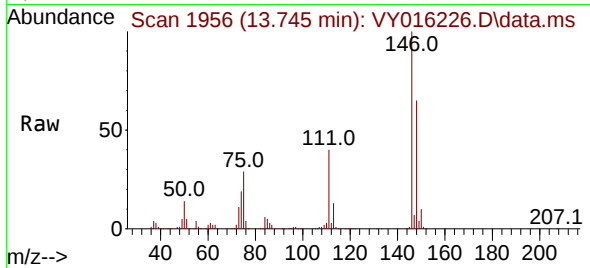
#91
1,2-Dichlorobenzene
Concen: 49.280 ug/l
RT: 13.745 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 151394
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 63.9 32.0 96.2

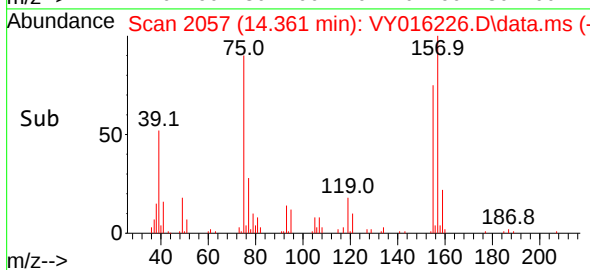
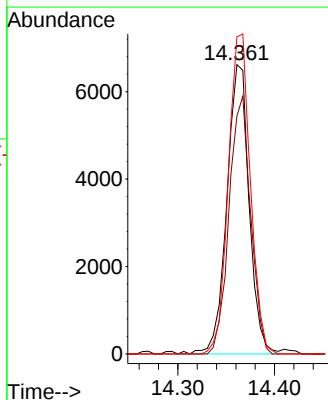
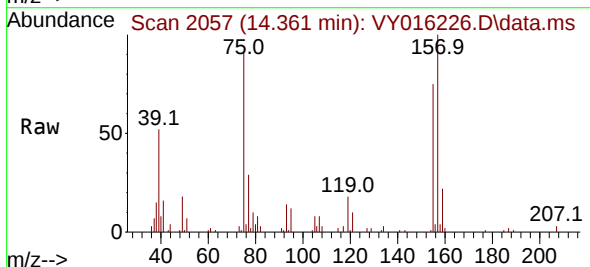
Manual Integrations
APPROVED

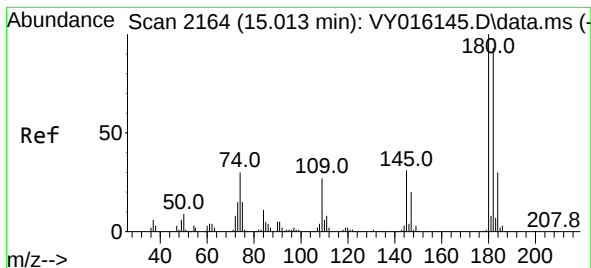
Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.043 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

Tgt Ion: 75 Resp: 10637
Ion Ratio Lower Upper
75 100
155 85.8 41.5 124.6
157 109.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.957 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

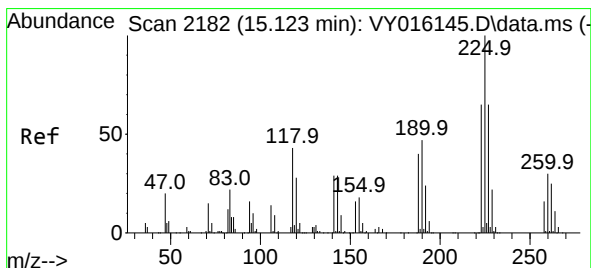
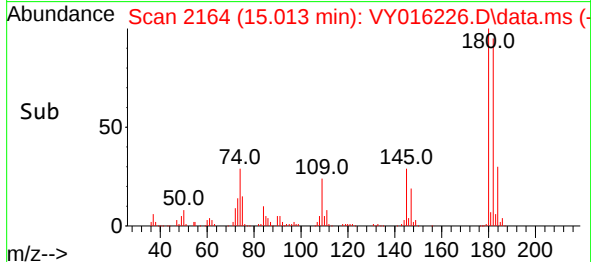
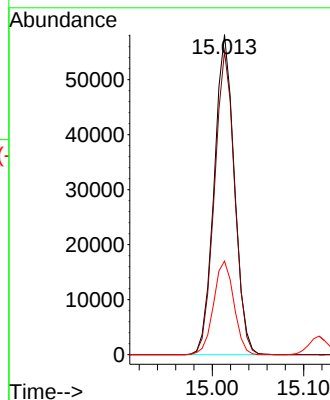
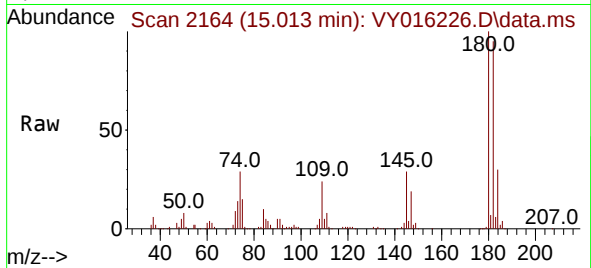
Tgt Ion:180	Resp:	8903
Ion Ratio	Lower	Upper
180	100	
182	94.8	47.0 141.2
145	29.4	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/07/2023

Supervised By :Mahesh Dadoda 11/07/2023



#94

Hexachlorobutadiene

Concen: 49.791 ug/l

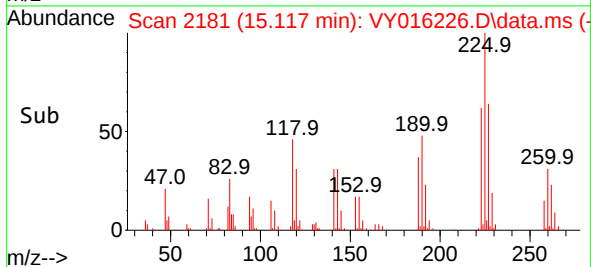
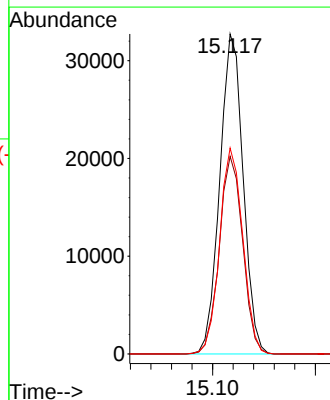
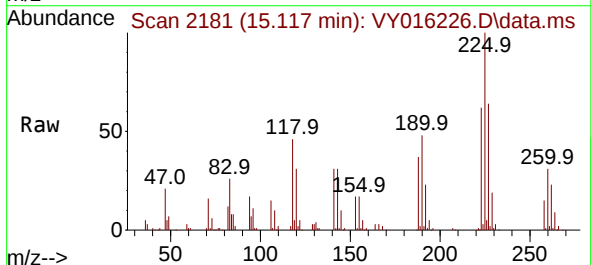
RT: 15.117 min Scan# 2181

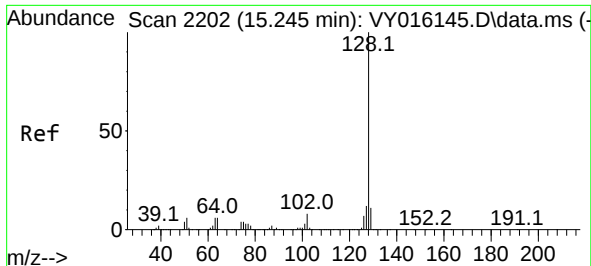
Delta R.T. -0.006 min

Lab File: VY016226.D

Acq: 06 Nov 2023 09:35

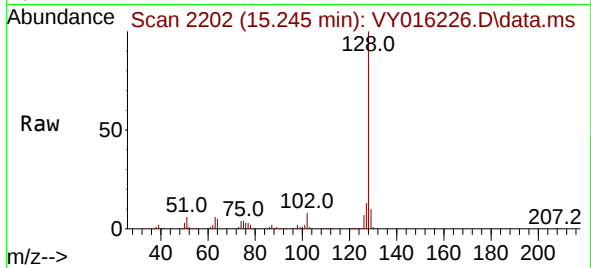
Tgt Ion:225	Resp:	51591
Ion Ratio	Lower	Upper
225	100	
223	61.7	31.9 95.9
227	63.8	33.0 98.9





#95
Naphthalene
Concen: 43.922 ug/l
RT: 15.245 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35

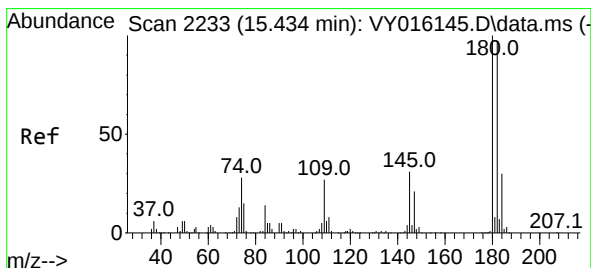
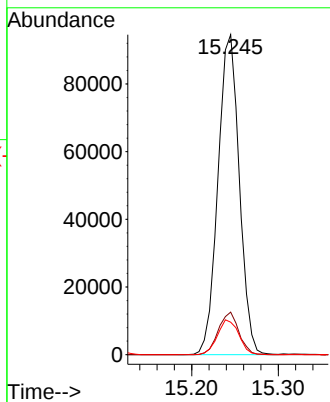
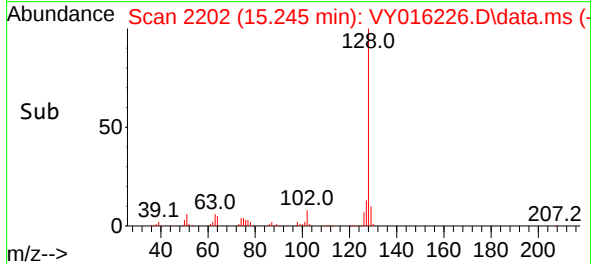
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



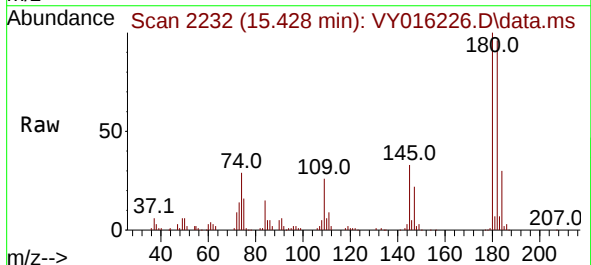
Tgt Ion:128 Resp: 161792
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/07/2023
Supervised By :Mahesh Dadoda 11/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 45.183 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016226.D
Acq: 06 Nov 2023 09:35



Tgt Ion:180 Resp: 73185
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.8
145 32.1 15.4 46.2

