

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012728.D
 Acq On : 27 Feb 2023 11:39
 Operator : KP/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Manual Integrations
 APPROVED

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

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62986	46.672	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 93.340%			
35) Dibromofluoromethane	7.716	113	58997	50.042	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.080%			
50) Toluene-d8	10.179	98	223856	50.682	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.360%			
62) 4-Bromofluorobenzene	12.483	95	74211	52.504	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.000%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22304	18.986	ug/l	100
3) Chloromethane	2.113	50	26672	16.572	ug/l	98
4) Vinyl Chloride	2.253	62	24633	18.977	ug/l	100
5) Bromomethane	2.644	94	15181	21.355	ug/l	97
6) Chloroethane	2.790	64	15368	18.598	ug/l	98
7) Trichlorofluoromethane	3.119	101	42199	20.168	ug/l	97
8) Diethyl Ether	3.521	74	15063	20.108	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	25756	20.598	ug/l	99
10) Methyl Iodide	4.088	142	31378	19.165	ug/l	98
11) Tert butyl alcohol	4.954	59	17061	115.569	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	24395	20.209	ug/l	97
13) Acrolein	3.729	56	19460	104.331	ug/l	100
14) Allyl chloride	4.479	41	42314	18.061	ug/l	97
15) Acrylonitrile	5.161	53	40688	102.091	ug/l	100
16) Acetone	3.942	43	45462	103.236	ug/l	100
17) Carbon Disulfide	4.192	76	81036	19.949	ug/l	98
18) Methyl Acetate	4.479	43	26708	18.827	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	64431	19.843	ug/l	98
20) Methylene Chloride	4.710	84	33948	21.254	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	27490	20.936	ug/l	89
22) Diisopropyl ether	6.119	45	84810	19.399	ug/l	96
23) Vinyl Acetate	6.058	43	263694	97.389	ug/l	97
24) 1,1-Dichloroethane	6.021	63	47811	19.723	ug/l	99
25) 2-Butanone	6.984	43	59924	102.527	ug/l	97
26) 2,2-Dichloropropane	6.984	77	42311	20.009	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	29605	20.607	ug/l	96
28) Bromochloromethane	7.332	49	18789	19.356	ug/l	89
29) Tetrahydrofuran	7.344	42	36216	101.494	ug/l	95
30) Chloroform	7.502	83	47466	20.208	ug/l	98
31) Cyclohexane	7.783	56	43668	18.625	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	42299	19.893	ug/l	97
36) 1,1-Dichloropropene	7.917	75	37877	20.269	ug/l	100
37) Ethyl Acetate	7.070	43	24588	19.499	ug/l	98
38) Carbon Tetrachloride	7.905	117	39380	20.380	ug/l	98
39) Methylcyclohexane	9.185	83	44165	20.488	ug/l	95
40) Benzene	8.161	78	109948	21.078	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012728.D
 Acq On : 27 Feb 2023 11:39
 Operator : KP/MD
 Sample : VY0227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Manual Integrations
 APPROVED

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

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	12434m	20.246	ug/l	
42) 1,2-Dichloroethane	8.234	62	31817	19.670	ug/l	98
43) Isopropyl Acetate	8.271	43	41961	19.257	ug/l	95
44) Trichloroethene	8.941	130	28960	21.473	ug/l	95
45) 1,2-Dichloropropane	9.216	63	27130	20.219	ug/l	98
46) Dibromomethane	9.301	93	15889	21.452	ug/l	97
47) Bromodichloromethane	9.496	83	36508	20.474	ug/l	100
48) Methyl methacrylate	9.295	41	20168	19.835	ug/l	99
49) 1,4-Dioxane	9.301	88	4324	409.984	ug/l	88
51) 4-Methyl-2-Pentanone	10.069	43	119528	101.690	ug/l	96
52) Toluene	10.246	92	67770	21.927	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	38042	20.416	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	43966	20.852	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	22236	22.103	ug/l	92
56) Ethyl methacrylate	10.508	69	28962	21.080	ug/l	95
57) 1,3-Dichloropropane	10.788	76	37906	21.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	73253	97.883	ug/l	97
59) 2-Hexanone	10.831	43	86420	103.712	ug/l	94
60) Dibromochloromethane	10.984	129	26779	21.971	ug/l	99
61) 1,2-Dibromoethane	11.087	107	21348	22.149	ug/l	100
64) Tetrachloroethene	10.721	164	24214	21.328	ug/l	97
65) Chlorobenzene	11.514	112	71350	21.314	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26334	21.227	ug/l	98
67) Ethyl Benzene	11.593	91	124800	20.857	ug/l	99
68) m/p-Xylenes	11.703	106	97303	42.628	ug/l	97
69) o-Xylene	12.032	106	45776	21.652	ug/l	97
70) Styrene	12.044	104	76918	21.706	ug/l	98
71) Bromoform	12.209	173	17308	21.864	ug/l #	96
73) Isopropylbenzene	12.331	105	121516	20.311	ug/l	99
74) N-amyl acetate	12.142	43	36809	18.716	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	27763	20.639	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	16168m	16.019	ug/l	
77) Bromobenzene	12.605	156	29166	20.345	ug/l	97
78) n-propylbenzene	12.672	91	150253	20.078	ug/l	100
79) 2-Chlorotoluene	12.758	91	81639	19.637	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	99642	19.938	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9882	20.742	ug/l	92
82) 4-Chlorotoluene	12.855	91	88015	20.412	ug/l	99
83) tert-Butylbenzene	13.075	119	87032	20.394	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	99545	20.376	ug/l	100
85) sec-Butylbenzene	13.251	105	132038	20.336	ug/l	99
86) p-Isopropyltoluene	13.367	119	108598	20.309	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	58359	20.785	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	58023	20.378	ug/l	100
89) n-Butylbenzene	13.696	91	101620	19.843	ug/l	99
90) Hexachloroethane	13.959	117	22015	20.287	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	52178	20.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4468	20.206	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	30590	19.288	ug/l	98
94) Hexachlorobutadiene	15.111	225	18966	19.815	ug/l	98
95) Naphthalene	15.239	128	58879	18.373	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	27050	19.269	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
Data File : VY012728.D
Acq On : 27 Feb 2023 11:39
Operator : KP/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations
APPROVED

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

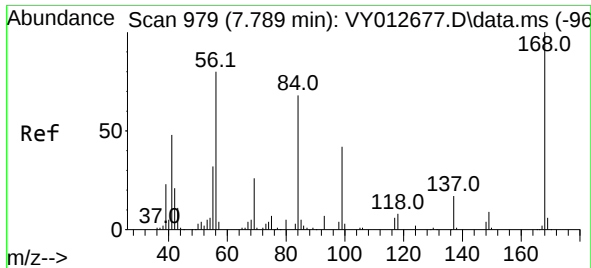
Quant Time: Feb 28 00:21:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 01:21:05 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

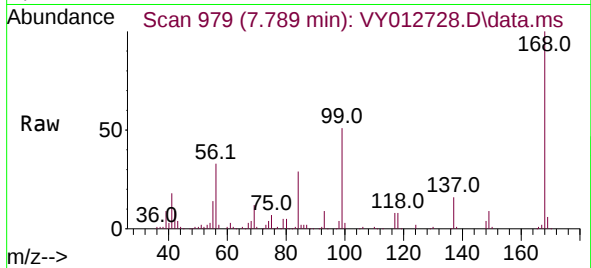
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

Page: 4



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

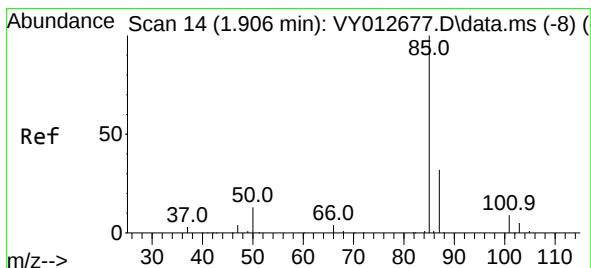
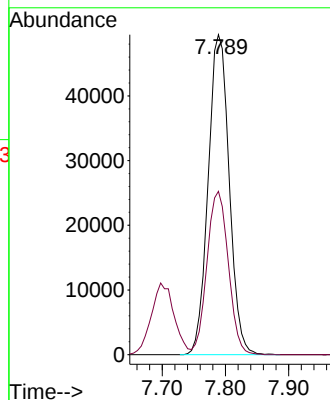
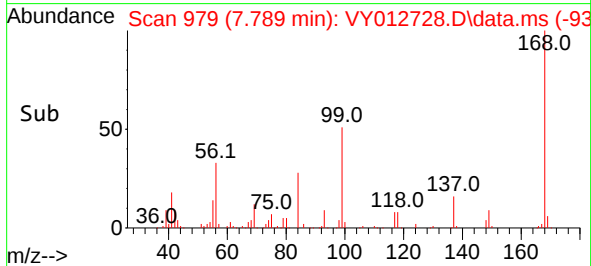
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion:168 Resp: 114268
Ion Ratio Lower Upper
168 100
99 51.0 45.4 68.2

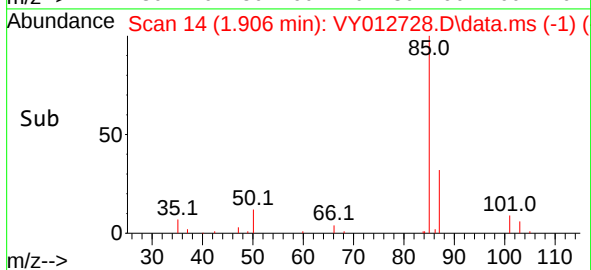
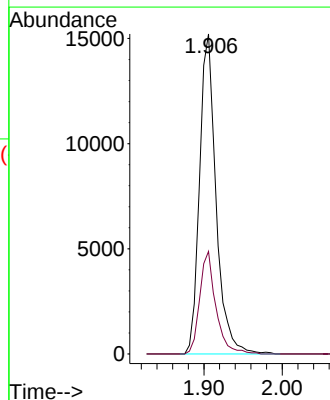
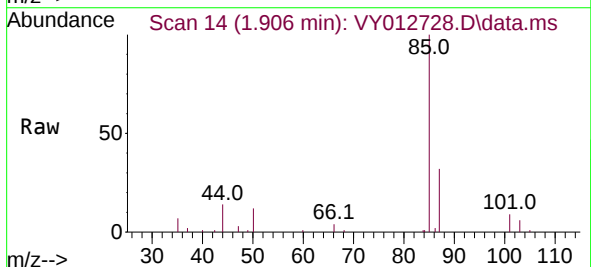
Manual Integrations
APPROVED

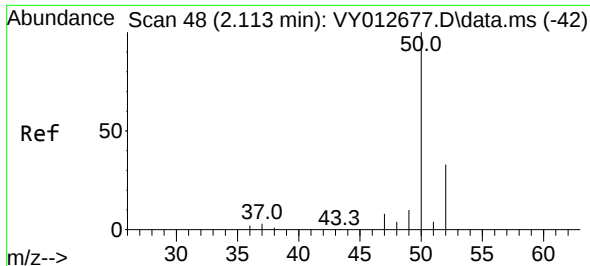
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#2
Dichlorodifluoromethane
Concen: 18.986 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 85 Resp: 22304
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2





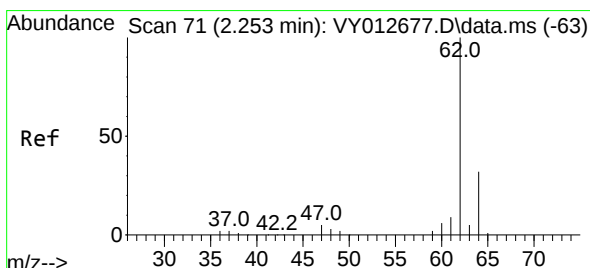
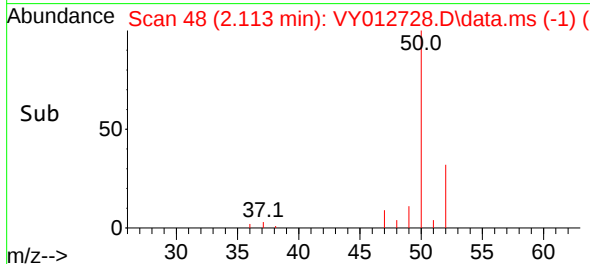
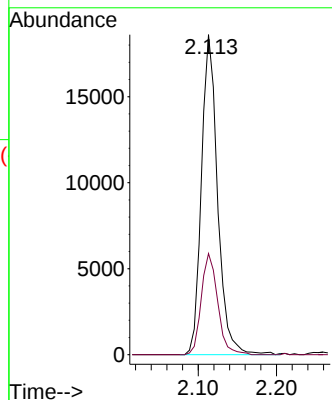
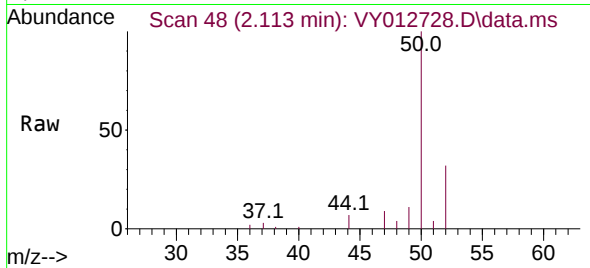
#3
Chloromethane
Concen: 16.572 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 50 Resp: 26672
Ion Ratio Lower Upper
50 100
52 31.6 26.1 39.1

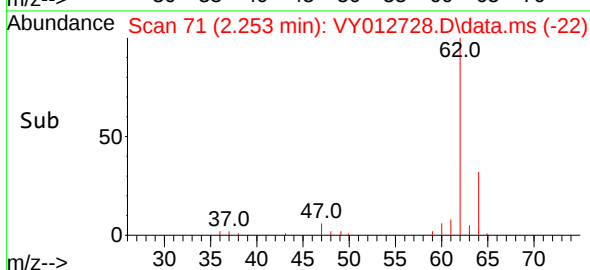
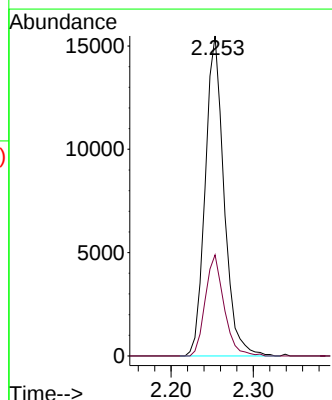
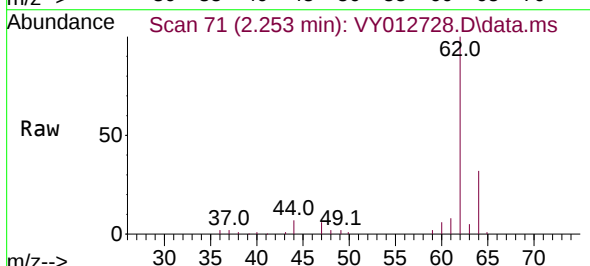
Manual Integrations
APPROVED

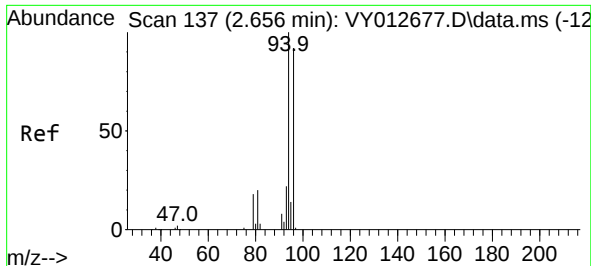
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#4
Vinyl Chloride
Concen: 18.977 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 62 Resp: 24633
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





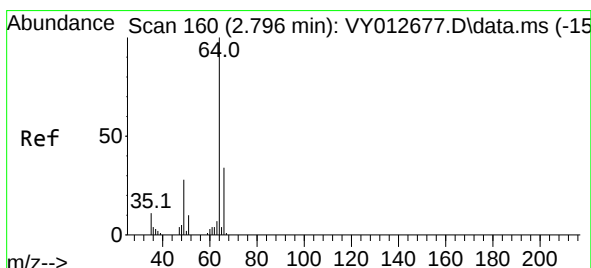
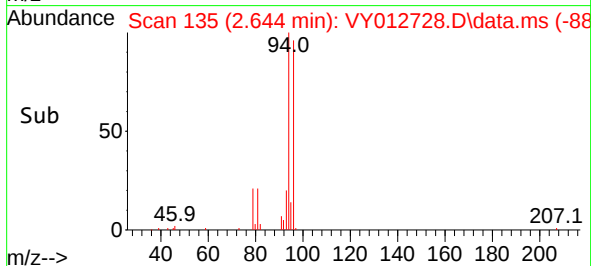
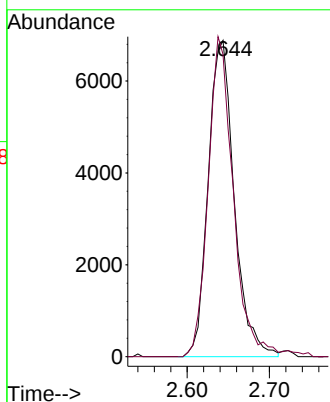
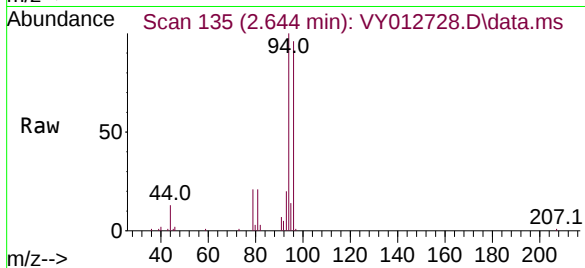
#5
Bromomethane
Concen: 21.355 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 94 Resp: 1518
Ion Ratio Lower Upper
94 100
96 95.7 73.9 110.9

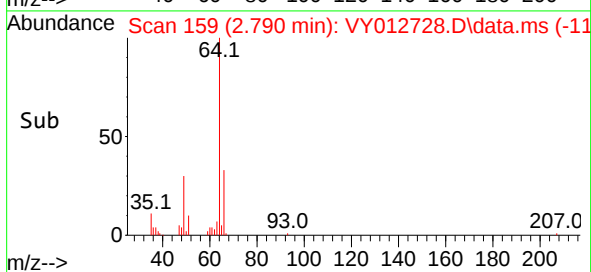
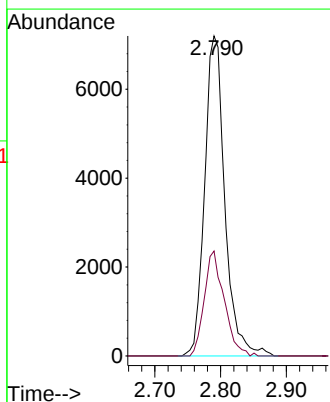
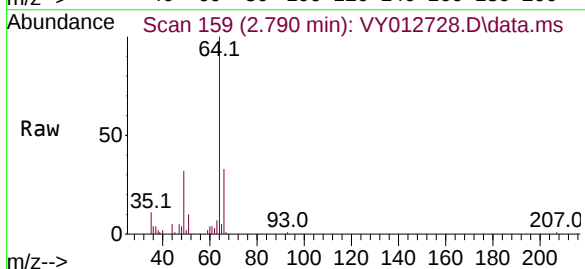
Manual Integrations
APPROVED

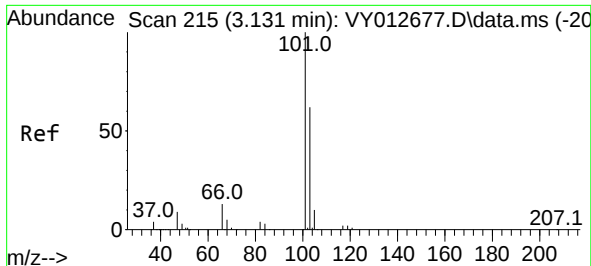
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#6
Chloroethane
Concen: 18.598 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

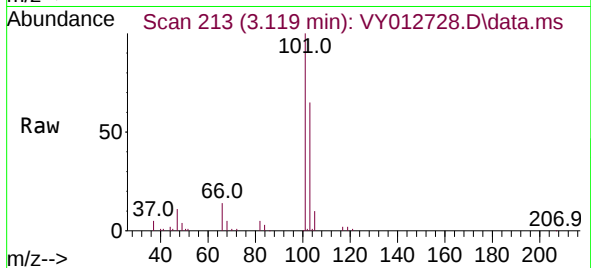
Tgt Ion: 64 Resp: 15368
Ion Ratio Lower Upper
64 100
66 32.8 27.1 40.7





#7
Trichlorofluoromethane
Concen: 20.168 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

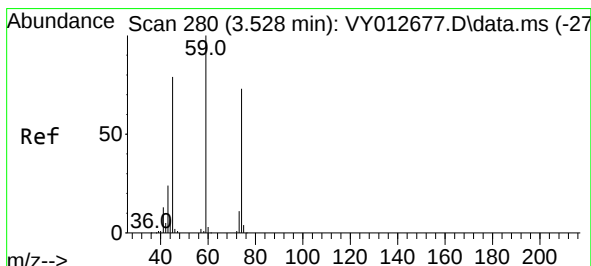
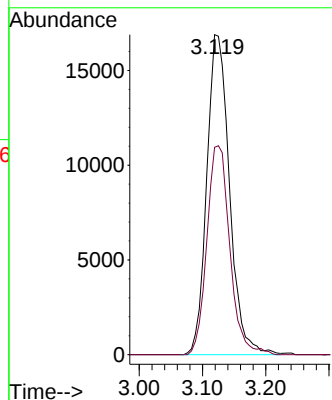
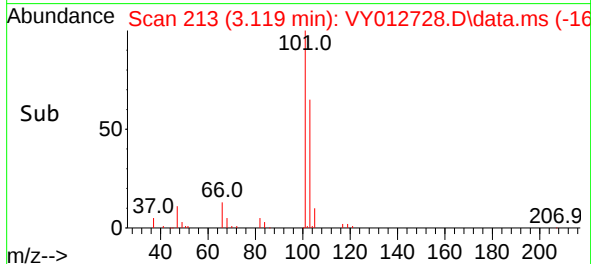
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion:101 Resp: 42199
Ion Ratio Lower Upper
101 100
103 64.8 49.8 74.6

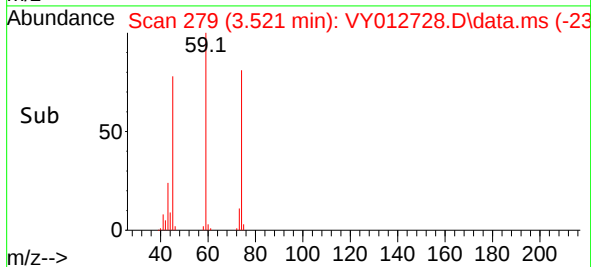
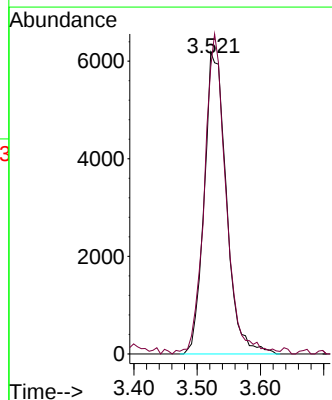
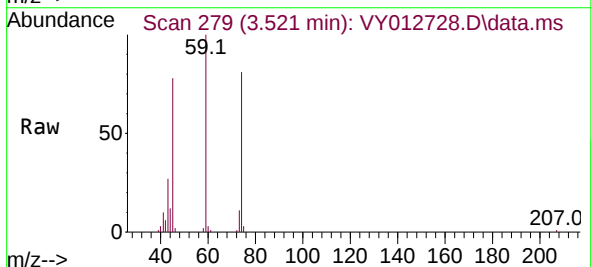
Manual Integrations
APPROVED

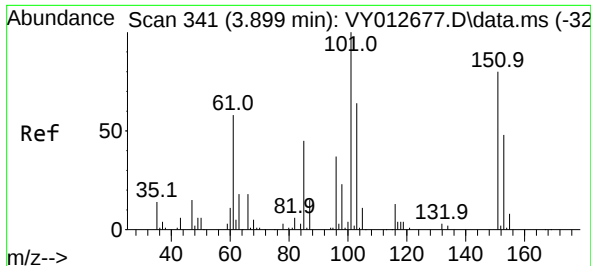
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#8
Diethyl Ether
Concen: 20.108 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 74 Resp: 15063
Ion Ratio Lower Upper
74 100
45 103.3 54.6 163.9





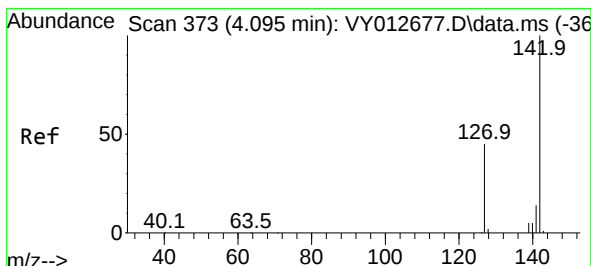
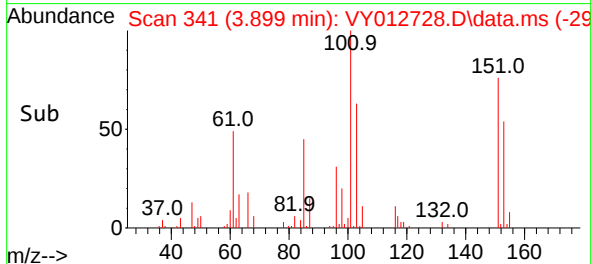
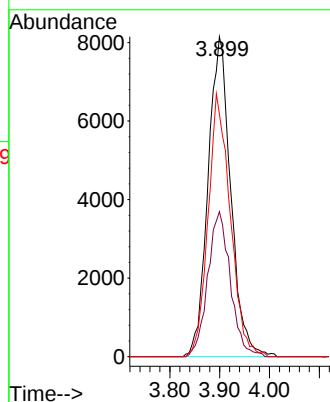
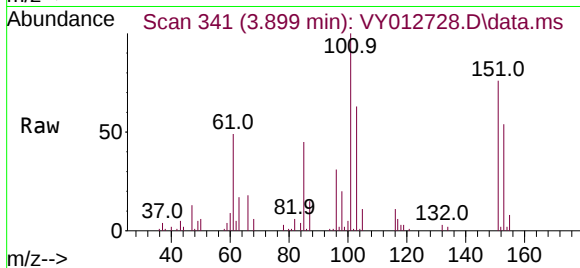
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.598 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion:101 Resp: 25750
Ion Ratio Lower Upper
101 100
85 45.1 36.4 54.6
151 80.3 63.1 94.7

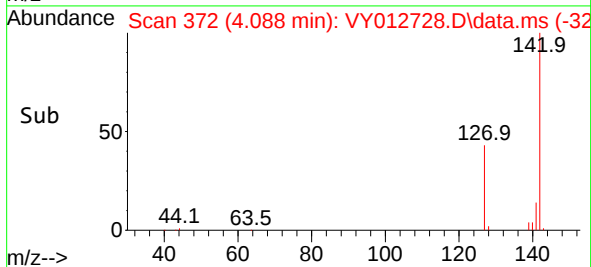
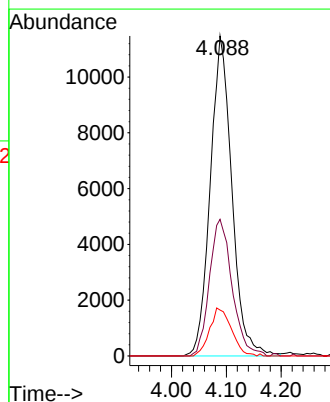
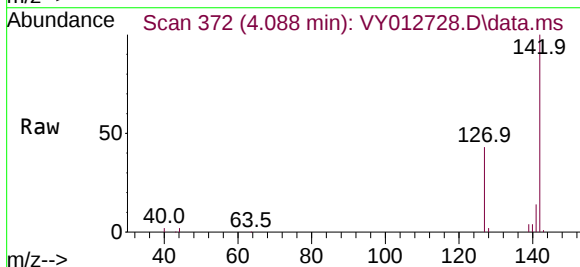
Manual Integrations
APPROVED

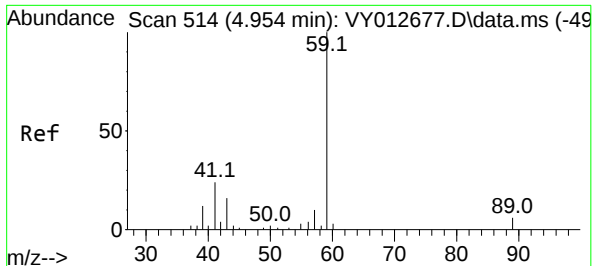
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#10
Methyl Iodide
Concen: 19.165 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:142 Resp: 31378
Ion Ratio Lower Upper
142 100
127 44.8 37.3 55.9
141 15.1 11.6 17.4





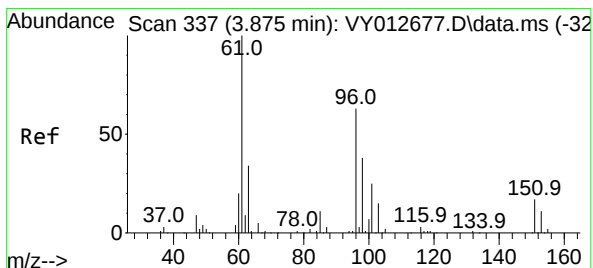
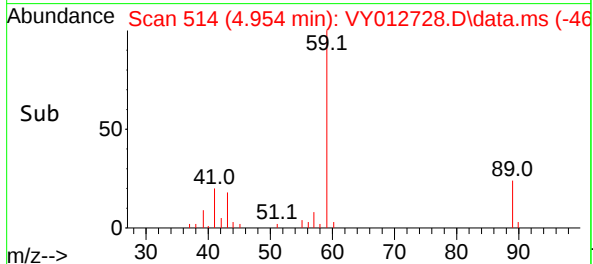
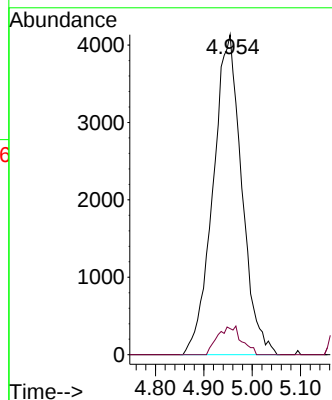
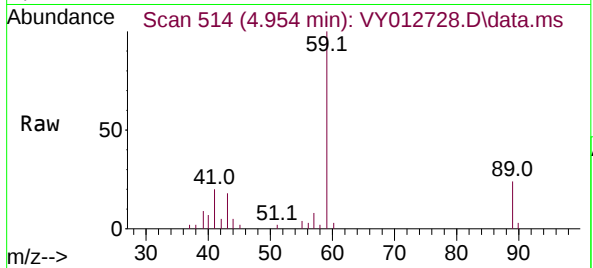
#11
Tert butyl alcohol
Concen: 115.569 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 59 Resp: 1706
Ion Ratio Lower Upper
59 100
57 7.4 7.7 11.5

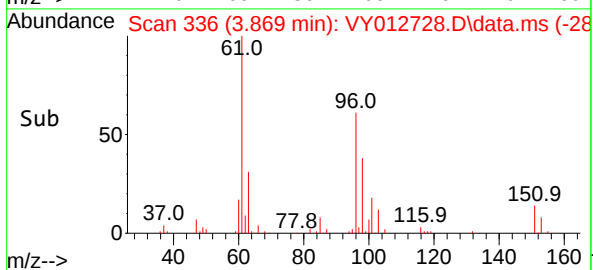
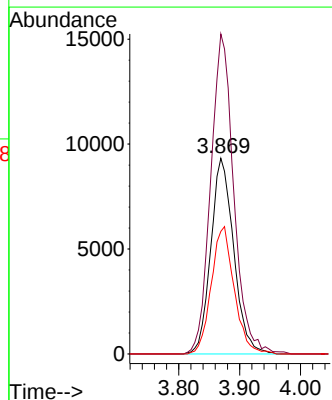
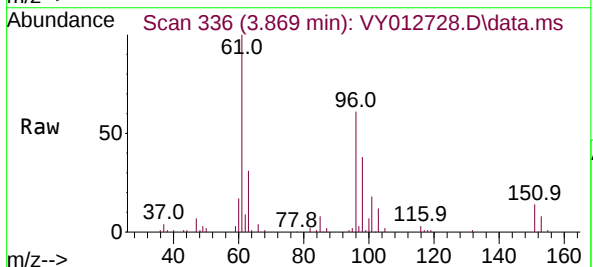
Manual Integrations
APPROVED

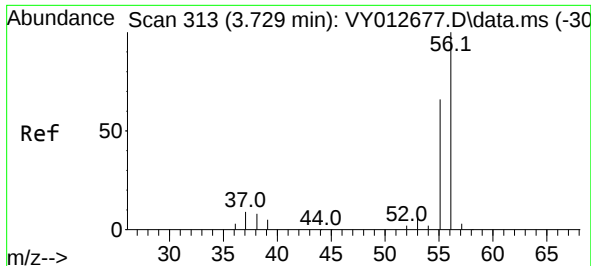
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#12
1,1-Dichloroethene
Concen: 20.209 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

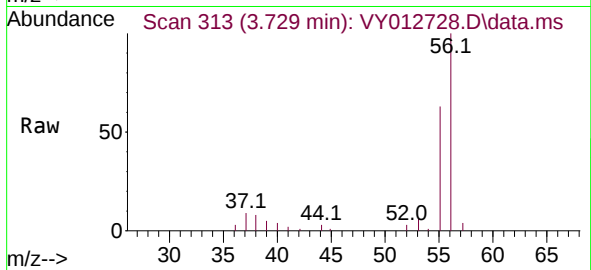
Tgt Ion: 96 Resp: 24395
Ion Ratio Lower Upper
96 100
61 163.6 127.3 190.9
98 62.7 49.0 73.4





#13
Acrolein
Concen: 104.331 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

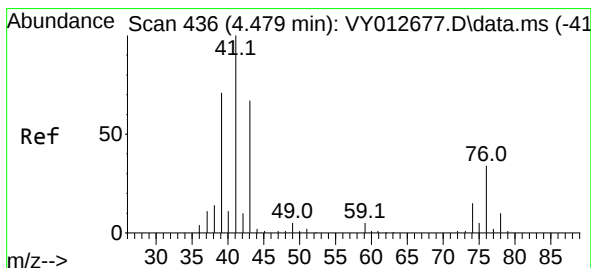
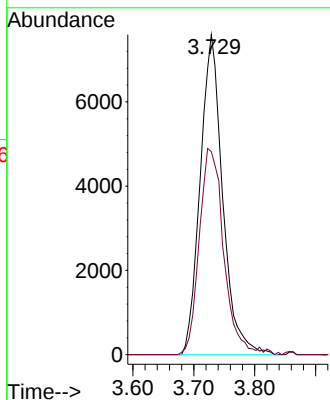
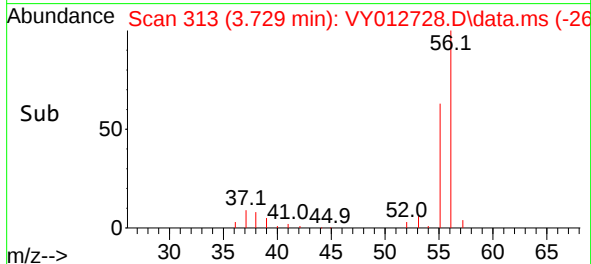
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



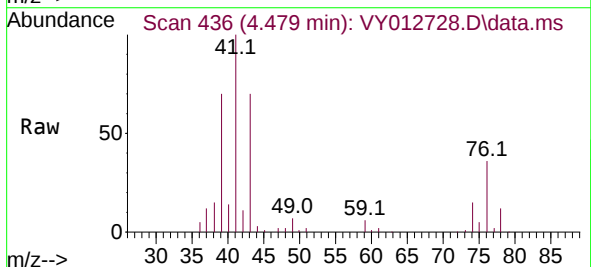
Tgt Ion: 56 Resp: 19460
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5

Manual Integrations
APPROVED

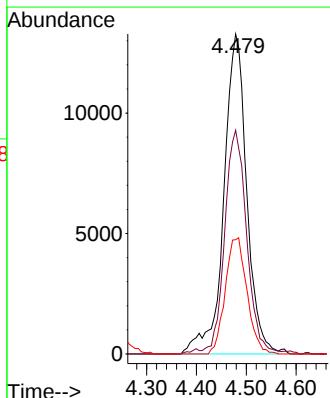
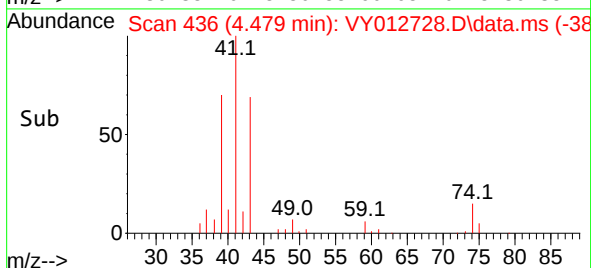
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

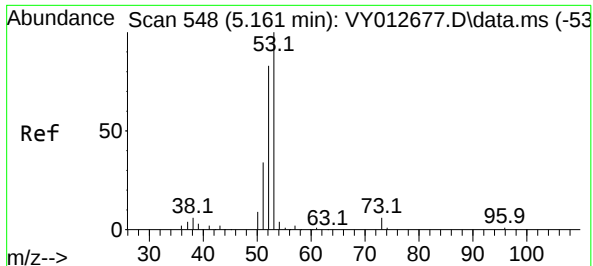


#14
Allyl chloride
Concen: 18.061 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



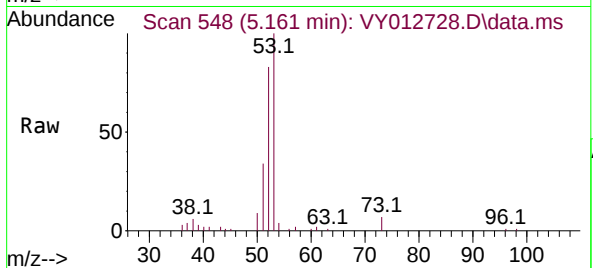
Tgt Ion: 41 Resp: 42314
Ion Ratio Lower Upper
41 100
39 65.8 53.8 80.8
76 34.5 25.8 38.6





#15
Acrylonitrile
Concen: 102.091 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

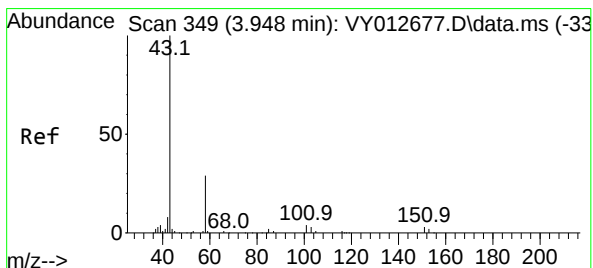
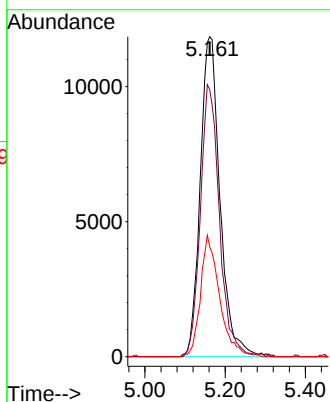
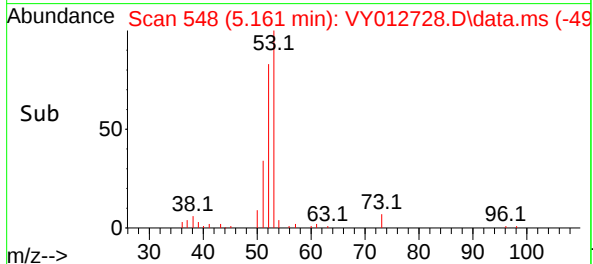
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



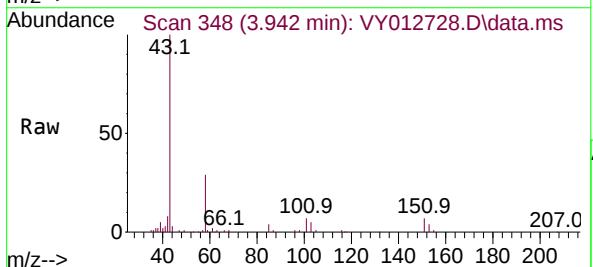
Tgt Ion: 53 Resp: 40688
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 36.5 28.6 43.0

Manual Integrations
APPROVED

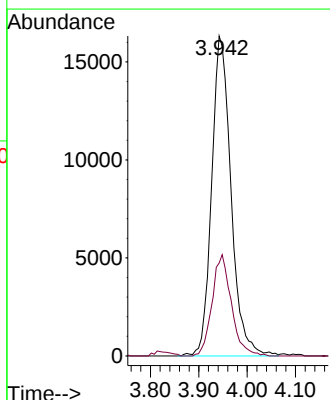
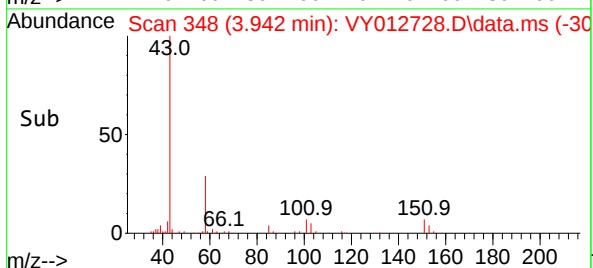
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

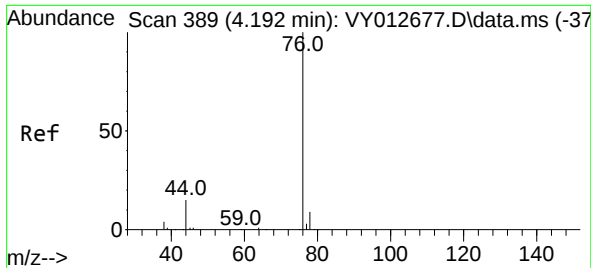


#16
Acetone
Concen: 103.236 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion: 43 Resp: 45462
Ion Ratio Lower Upper
43 100
58 29.1 23.3 34.9





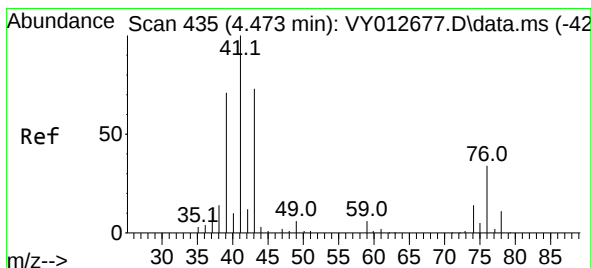
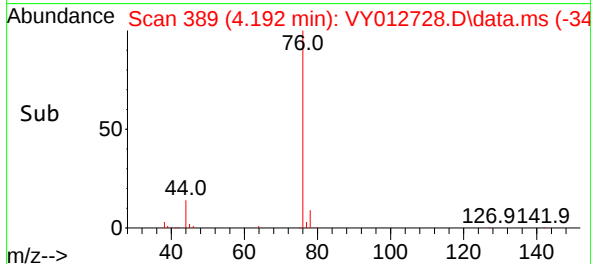
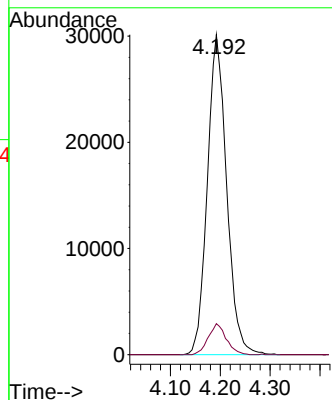
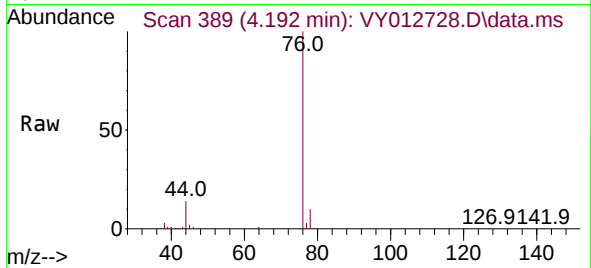
#17
Carbon Disulfide
Concen: 19.949 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 76 Resp: 81036
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

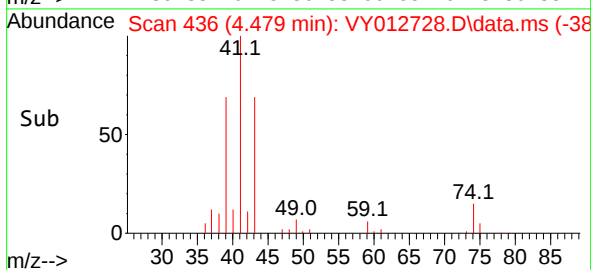
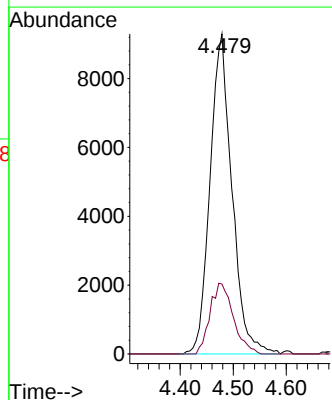
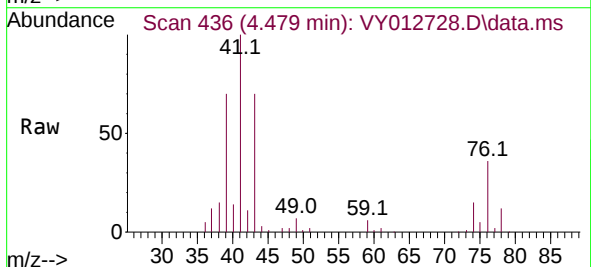
Manual Integrations
APPROVED

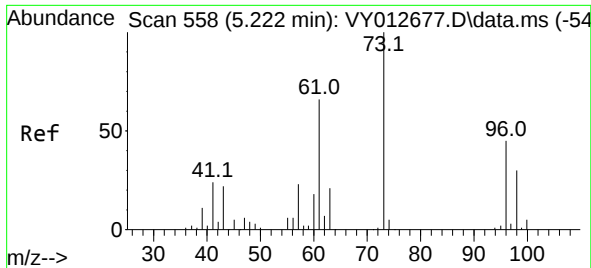
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#18
Methyl Acetate
Concen: 18.827 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 43 Resp: 26708
Ion Ratio Lower Upper
43 100
74 23.5 16.5 24.7





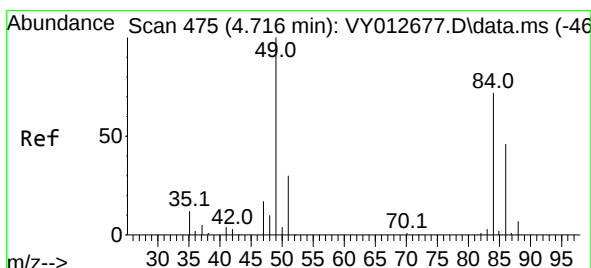
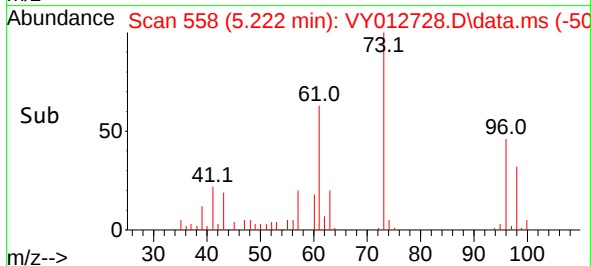
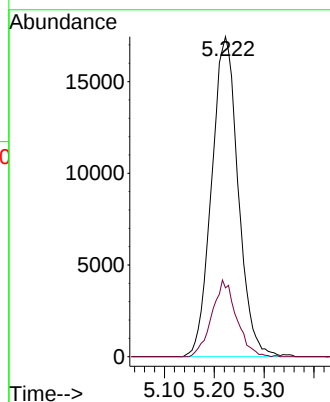
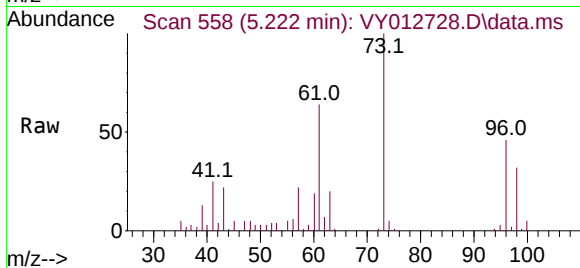
#19
Methyl tert-butyl Ether
Concen: 19.843 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 73 Resp: 6443
Ion Ratio Lower Upper
73 100
57 21.5 18.1 27.1

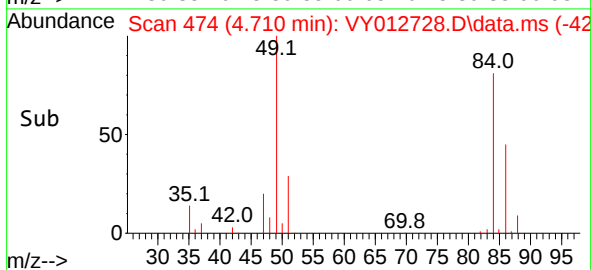
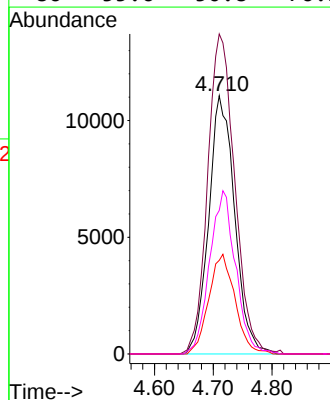
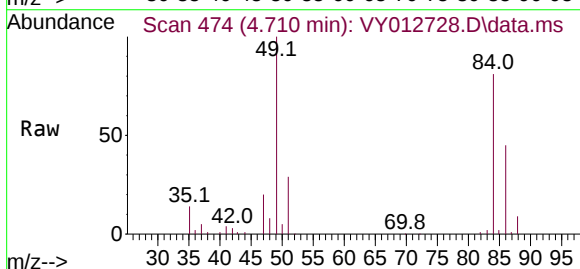
Manual Integrations
APPROVED

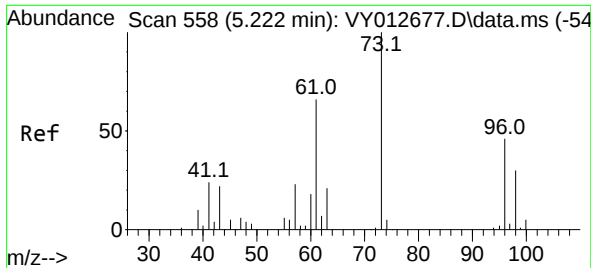
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#20
Methylene Chloride
Concen: 21.254 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 84 Resp: 33948
Ion Ratio Lower Upper
84 100
49 123.9 111.1 166.7
51 36.2 33.5 50.3
86 55.6 50.8 76.2





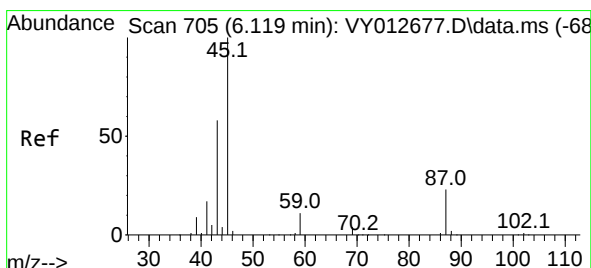
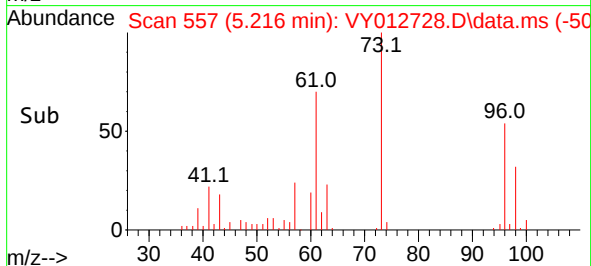
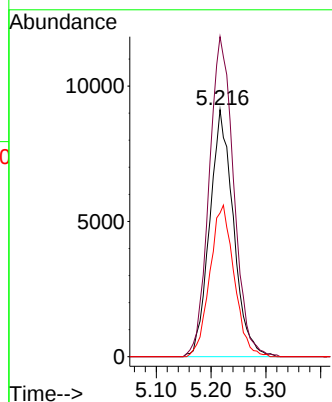
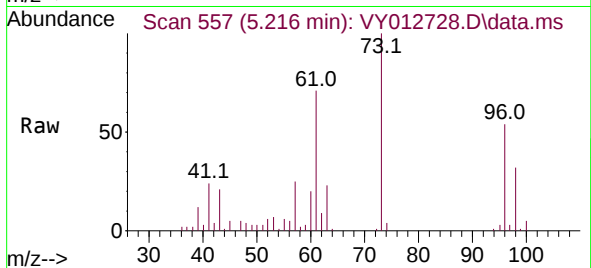
#21
trans-1,2-Dichloroethene
Concen: 20.936 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 96 Resp: 27490
Ion Ratio Lower Upper
96 100
61 129.5 116.1 174.1
98 58.2 52.3 78.5

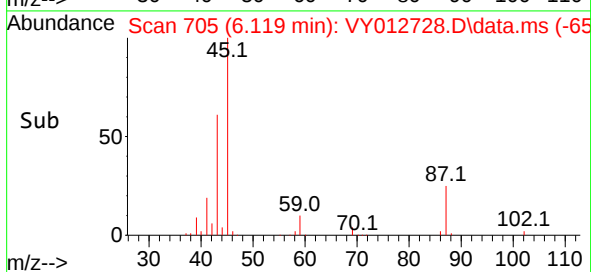
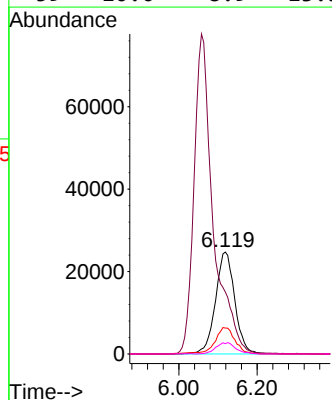
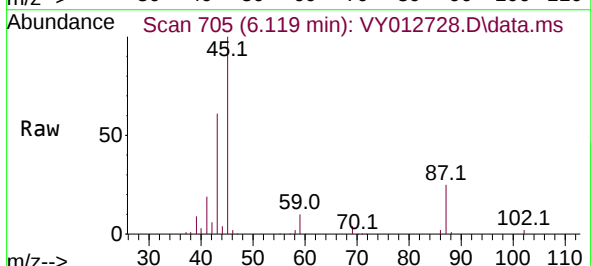
Manual Integrations
APPROVED

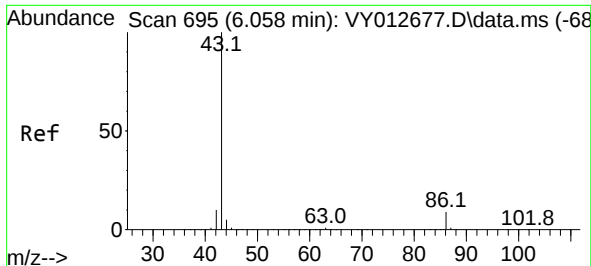
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#22
Diisopropyl ether
Concen: 19.399 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 45 Resp: 84810
Ion Ratio Lower Upper
45 100
43 60.4 46.2 69.2
87 25.4 18.6 28.0
59 10.0 8.9 13.3





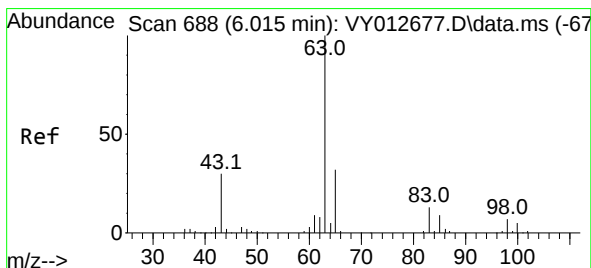
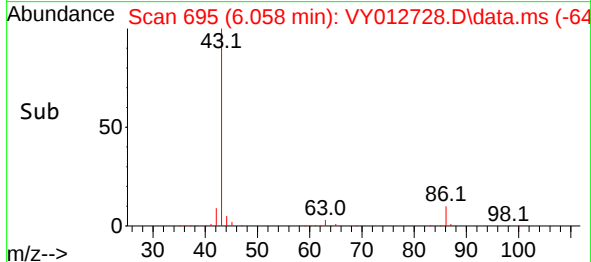
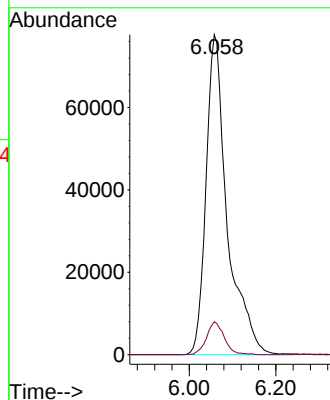
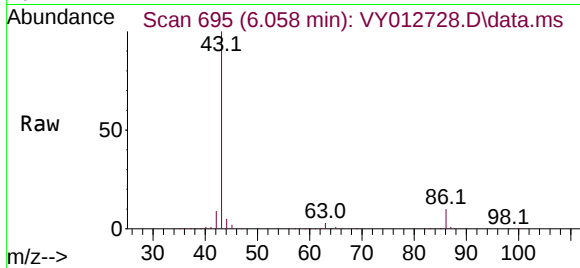
#23
 Vinyl Acetate
 Concen: 97.389 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Tgt Ion: 43 Resp: 263694
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.4 11.0

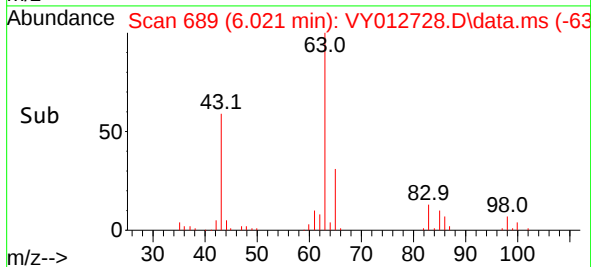
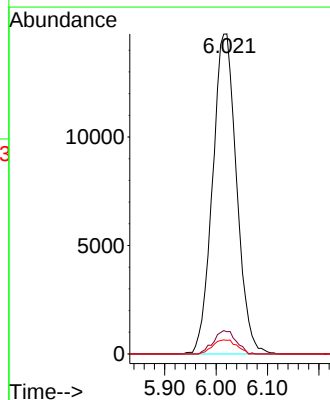
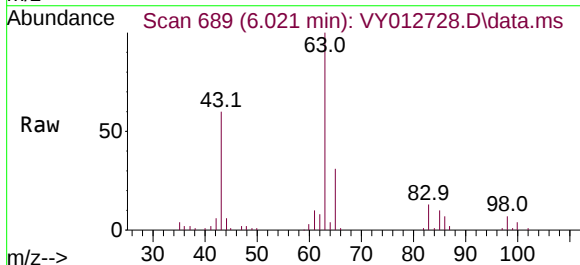
Manual Integrations
 APPROVED

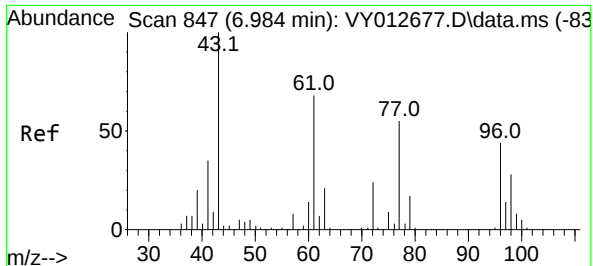
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#24
 1,1-Dichloroethane
 Concen: 19.723 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39

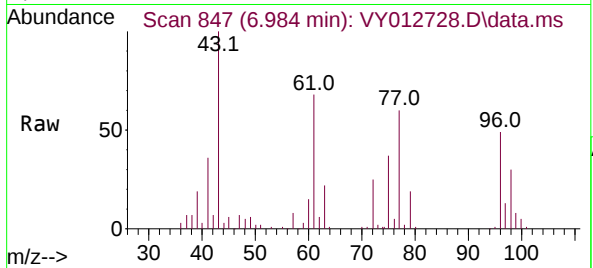
Tgt Ion: 63 Resp: 47811
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.1
 100 4.3 2.3 6.9





#25
2-Butanone
Concen: 102.527 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

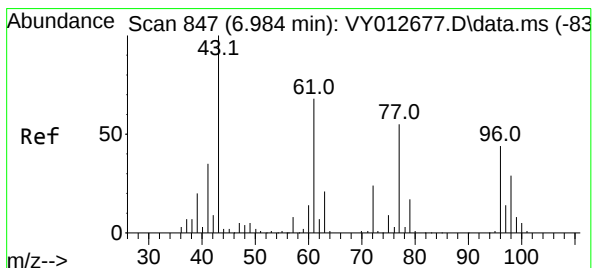
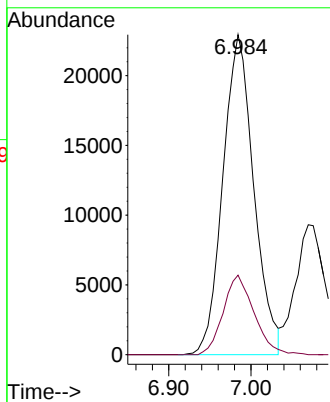
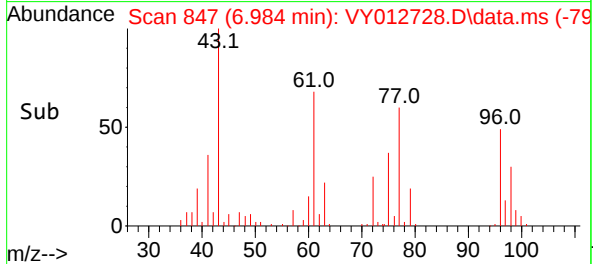
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 43 Resp: 59924
Ion Ratio Lower Upper
43 100
72 24.9 18.8 28.2

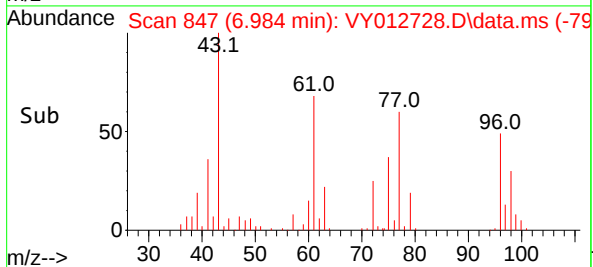
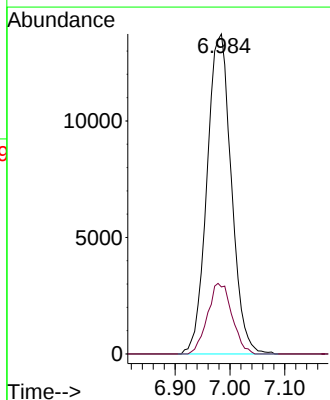
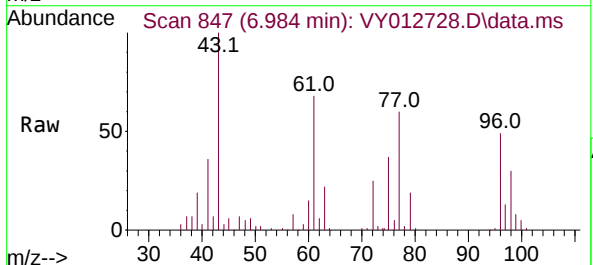
Manual Integrations
APPROVED

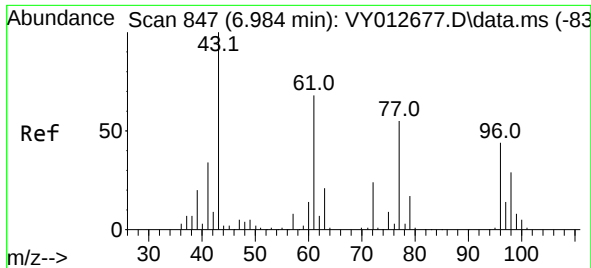
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#26
2,2-Dichloropropane
Concen: 20.009 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

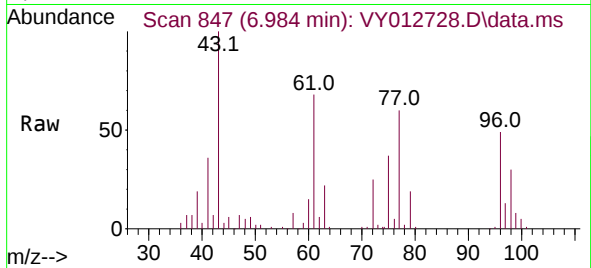
Tgt Ion: 77 Resp: 42311
Ion Ratio Lower Upper
77 100
97 22.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 20.607 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

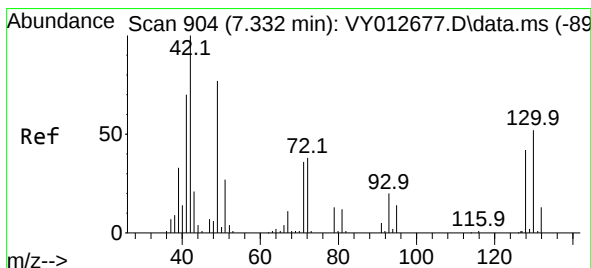
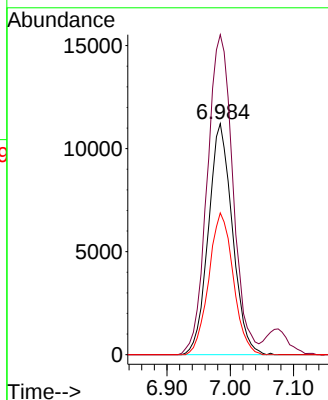
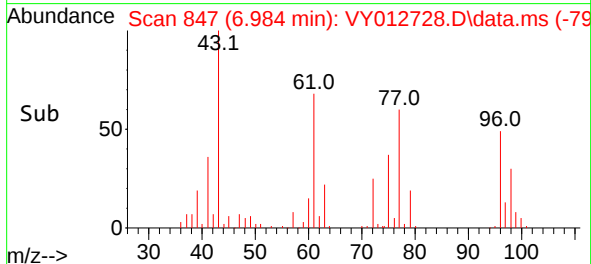
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



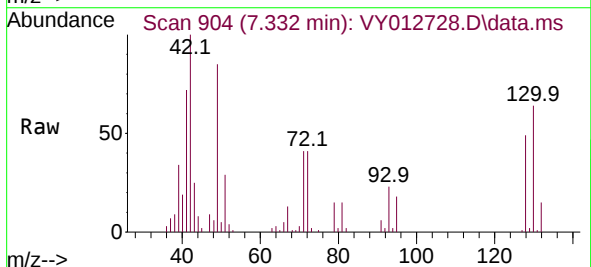
Tgt Ion: 96 Resp: 2960
Ion Ratio Lower Upper
96 100
61 147.9 0.0 308.8
98 62.4 0.0 129.0

Manual Integrations
APPROVED

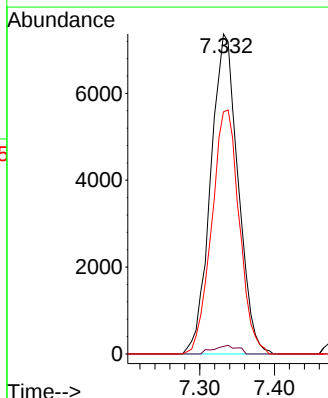
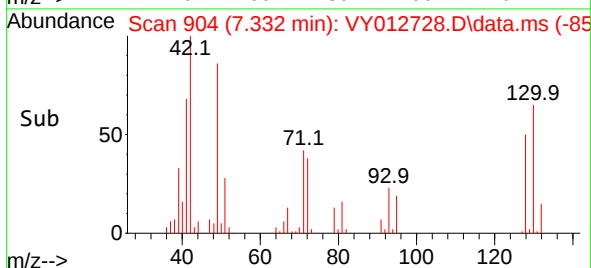
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

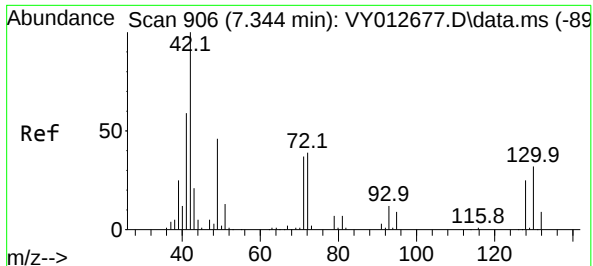


#28
Bromochloromethane
Concen: 19.356 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion: 49 Resp: 18789
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 76.6 54.3 81.5





#29

Tetrahydrofuran

Concen: 101.494 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

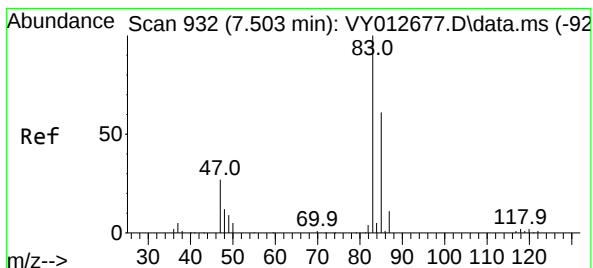
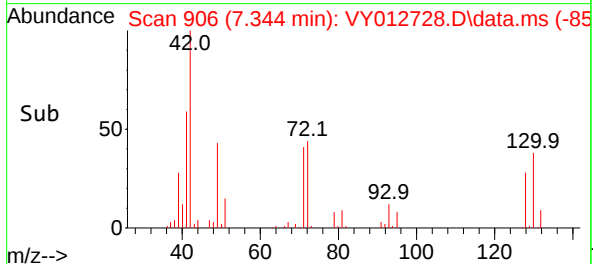
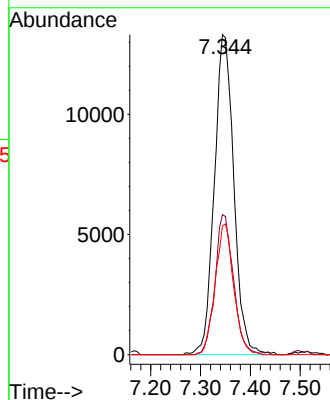
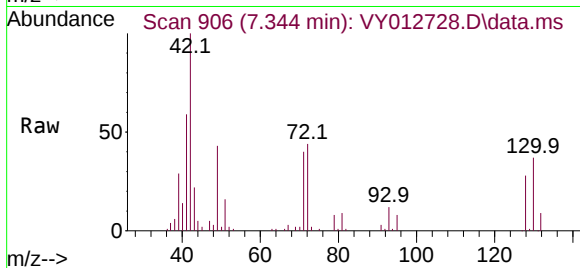
Tgt Ion:	42	Resp:	36210
Ion Ratio	Lower	Upper	
42	100		
72	41.3	30.6	45.8
71	38.8	28.6	42.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#30

Chloroform

Concen: 20.208 ug/l

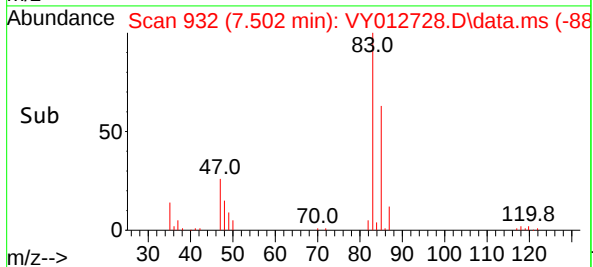
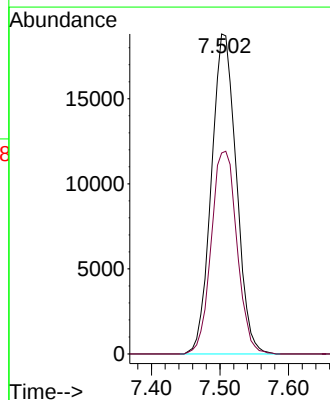
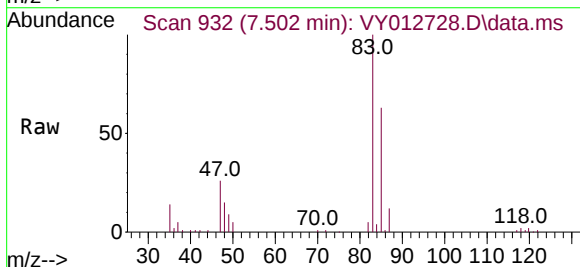
RT: 7.502 min Scan# 932

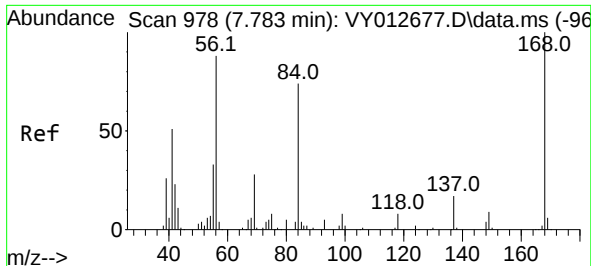
Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

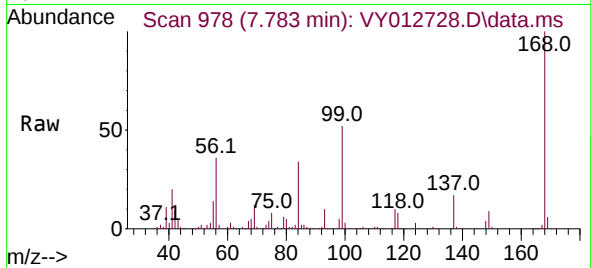
Tgt Ion:	83	Resp:	47466
Ion Ratio	Lower	Upper	
83	100		
85	62.8	48.9	73.3





#31
Cyclohexane
Concen: 18.625 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

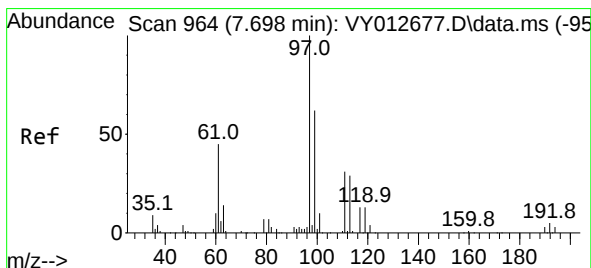
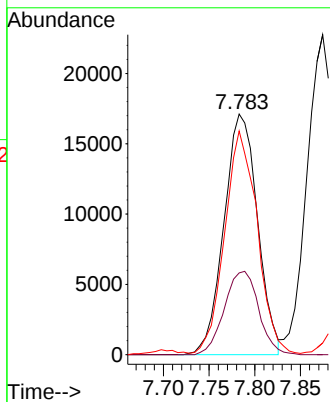
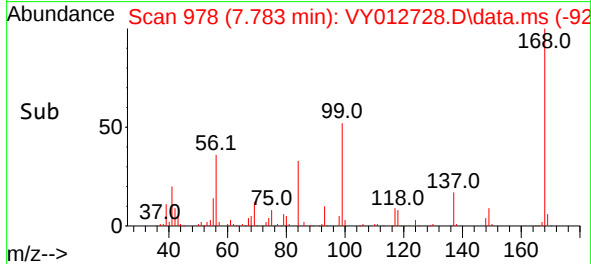
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



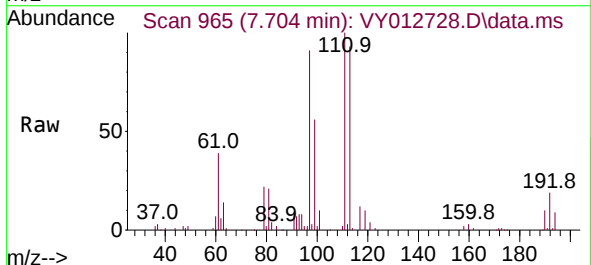
Tgt Ion: 56 Resp: 4366
Ion Ratio Lower Upper
56 100
69 34.0 25.4 38.2
84 92.2 67.3 100.9

Manual Integrations
APPROVED

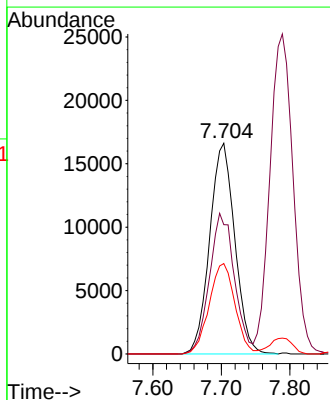
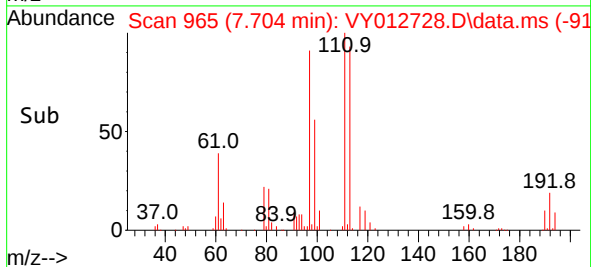
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

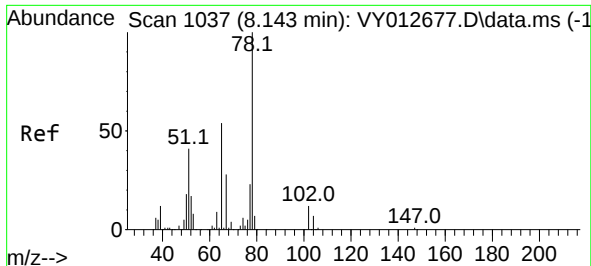


#32
1,1,1-Trichloroethane
Concen: 19.893 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



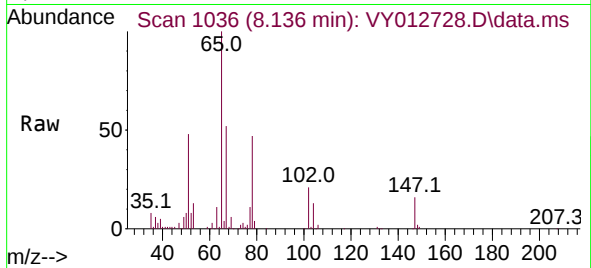
Tgt Ion: 97 Resp: 42299
Ion Ratio Lower Upper
97 100
99 66.5 50.6 75.8
61 44.1 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 46.672 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

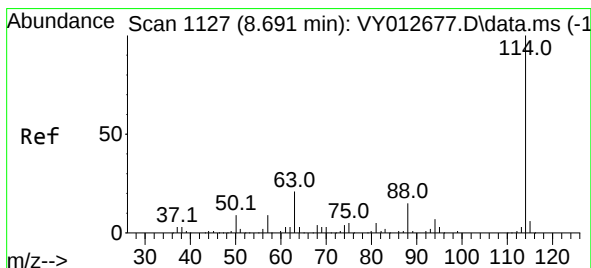
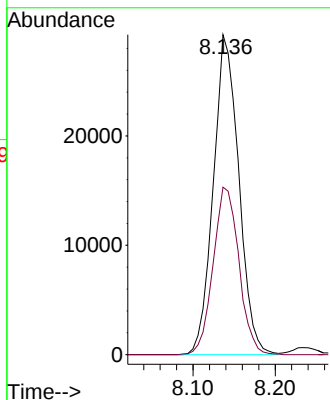
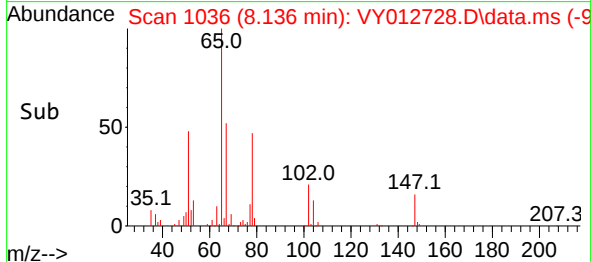
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 65 Resp: 62980
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6

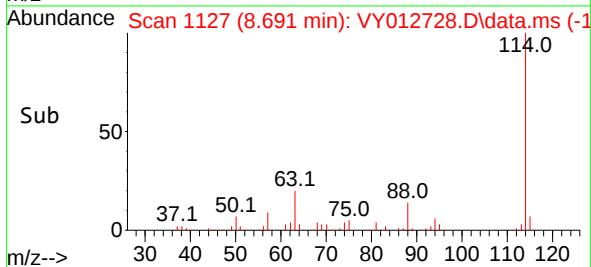
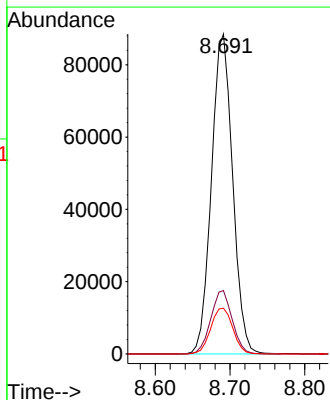
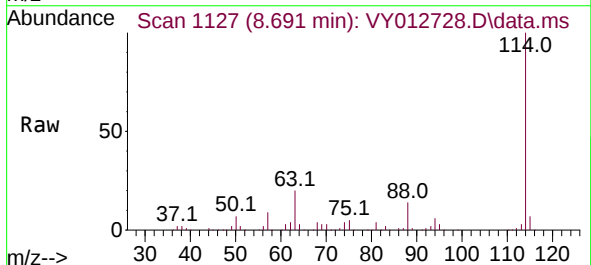
Manual Integrations
APPROVED

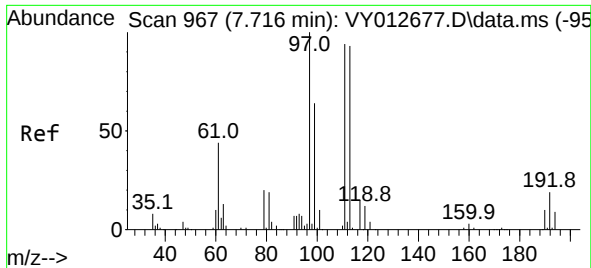
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

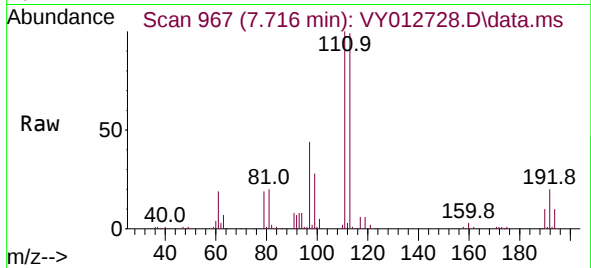
Tgt Ion:114 Resp: 174548
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.8
88 14.3 0.0 29.6





#35
Dibromofluoromethane
Concen: 50.042 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

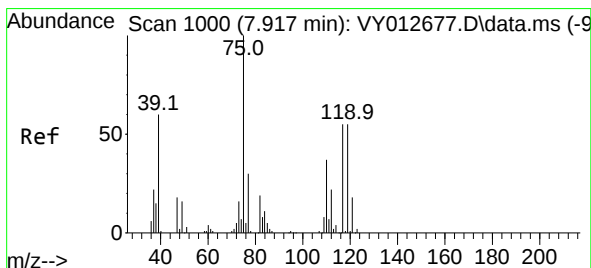
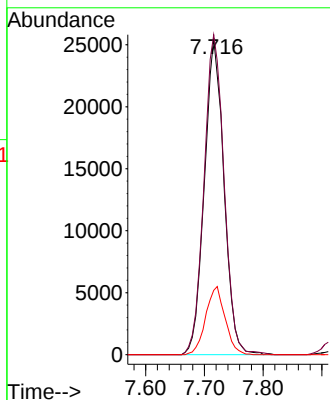
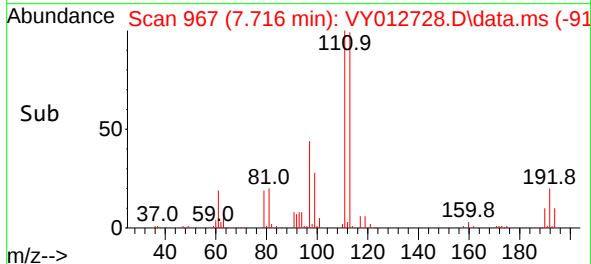
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



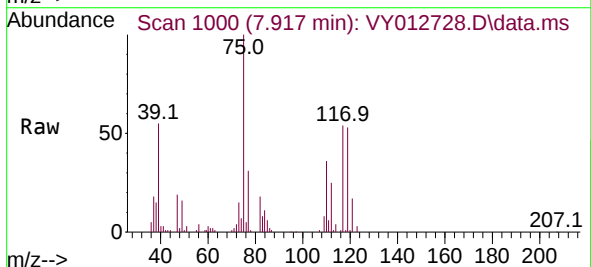
Tgt Ion: 113 Resp: 5899
Ion Ratio Lower Upper
113 100
111 104.1 82.0 123.0
192 21.4 16.2 24.2

Manual Integrations
APPROVED

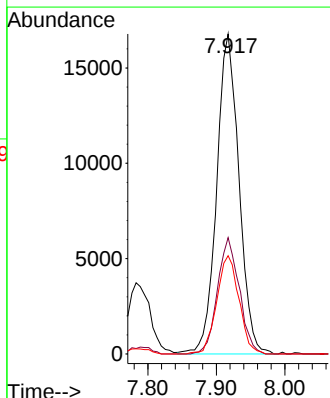
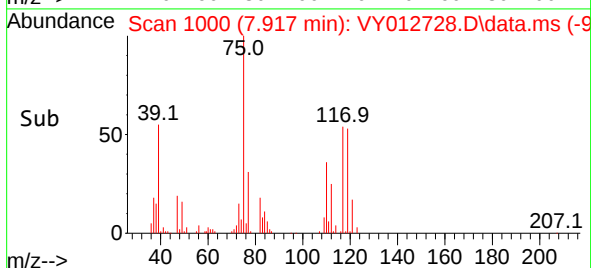
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

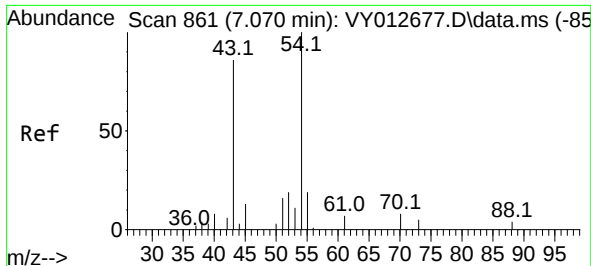


#36
1,1-Dichloropropene
Concen: 20.269 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion: 75 Resp: 37877
Ion Ratio Lower Upper
75 100
110 35.4 17.6 52.8
77 30.6 24.6 37.0





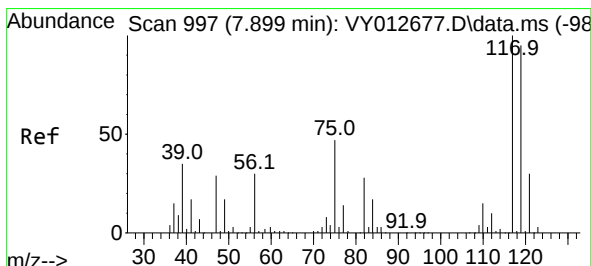
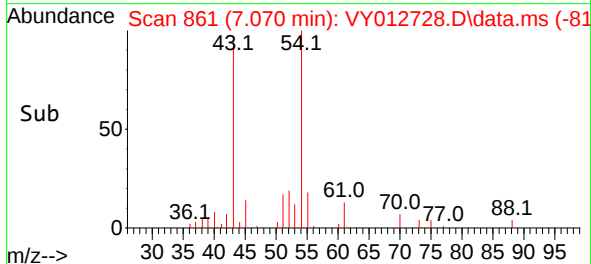
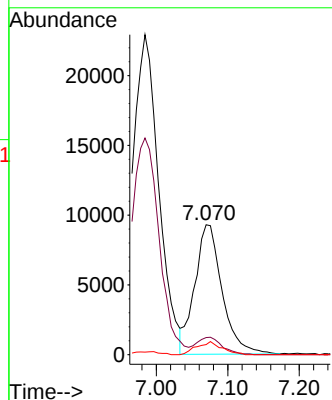
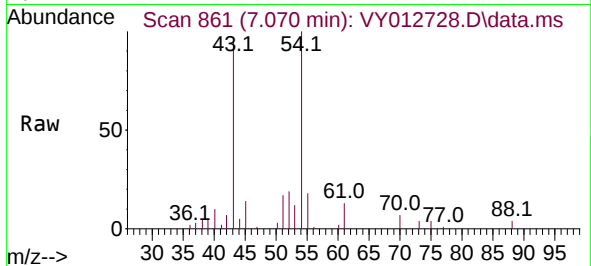
#37
Ethyl Acetate
Concen: 19.499 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 43 Resp: 24588
Ion Ratio Lower Upper
43 100
61 12.7 9.9 14.9
70 9.3 6.4 9.6

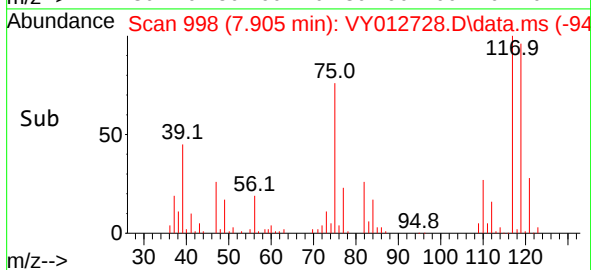
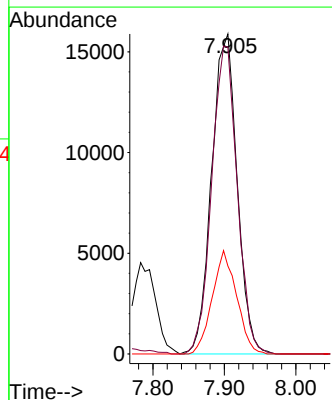
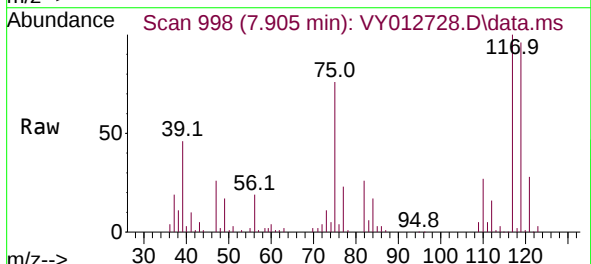
Manual Integrations
APPROVED

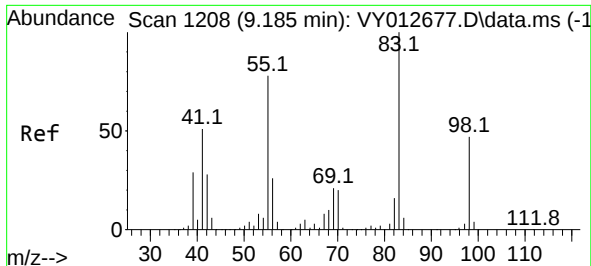
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#38
Carbon Tetrachloride
Concen: 20.380 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:117 Resp: 39380
Ion Ratio Lower Upper
117 100
119 95.8 75.5 113.3
121 27.5 23.8 35.8





#39

Methylcyclohexane

Concen: 20.488 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

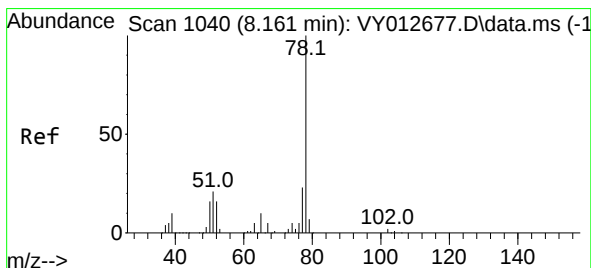
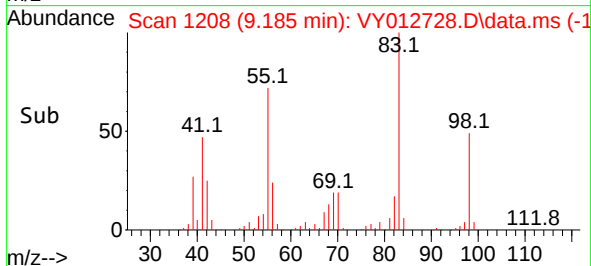
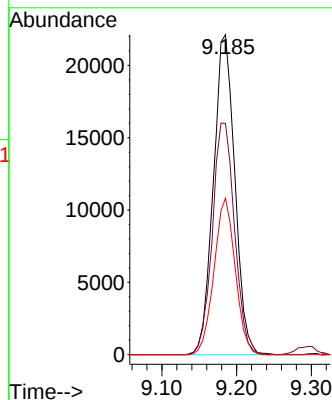
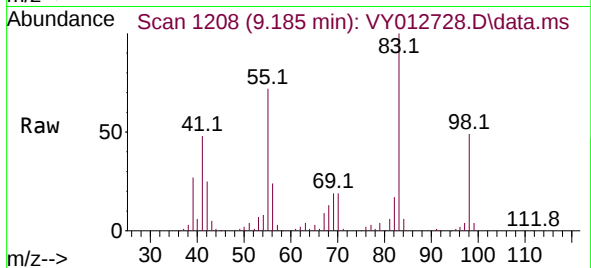
Tgt Ion: 83	Resp: 4416
Ion Ratio	Lower Upper
83 100	
55 72.3	62.5 93.7
98 48.9	37.8 56.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#40

Benzene

Concen: 21.078 ug/l

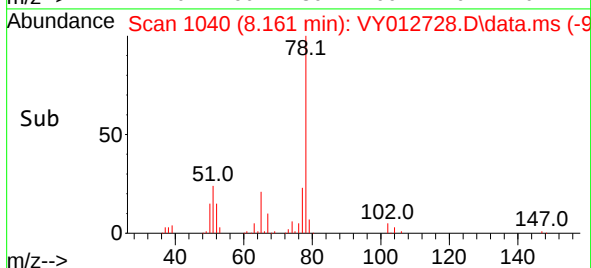
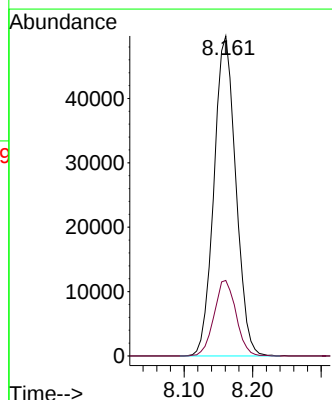
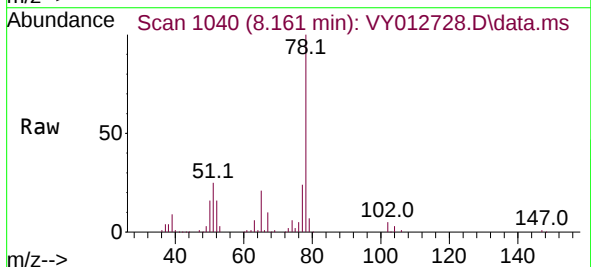
RT: 8.161 min Scan# 1040

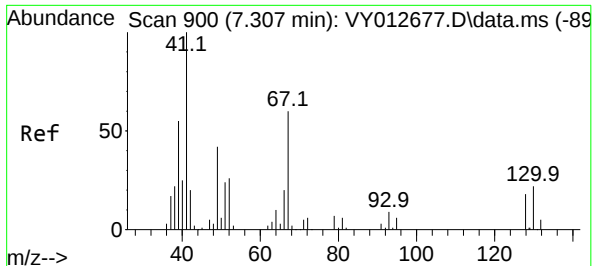
Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

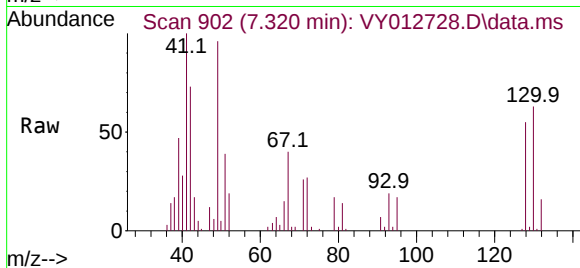
Tgt Ion: 78	Resp: 109948
Ion Ratio	Lower Upper
78 100	
77 23.6	18.5 27.7





#41
Methacrylonitrile
Concen: 20.246 ug/l m
RT: 7.320 min Scan# 900
Delta R.T. 0.013 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

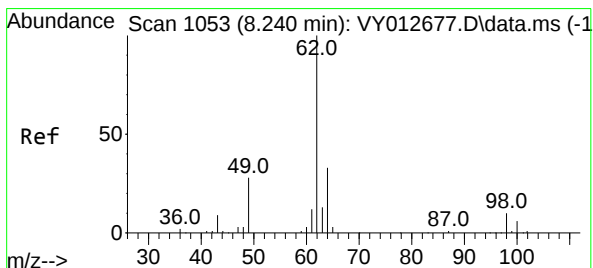
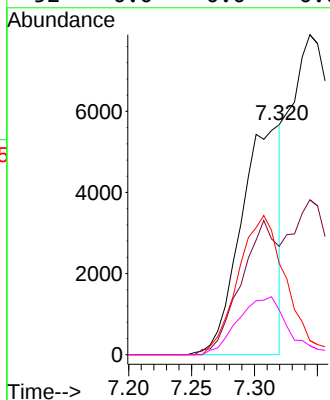
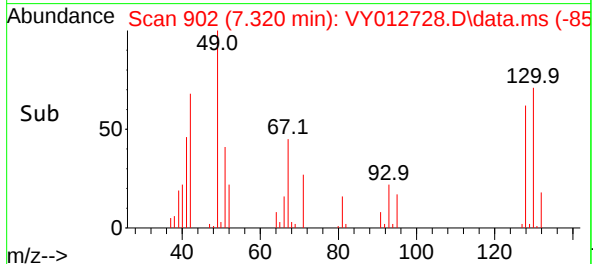
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 41 Resp: 12434
Ion Ratio Lower Upper
41 100
39 69.6 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

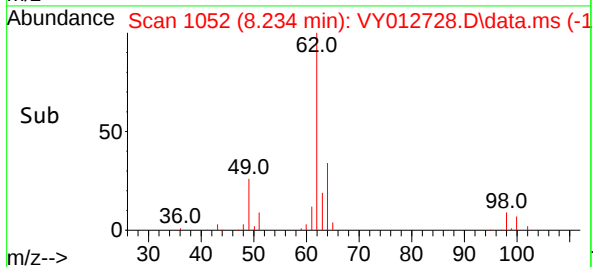
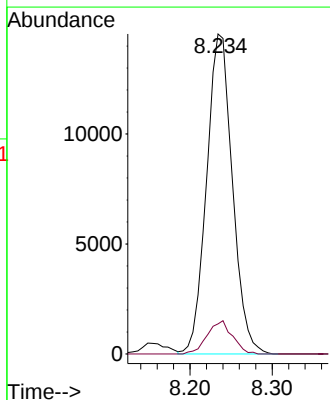
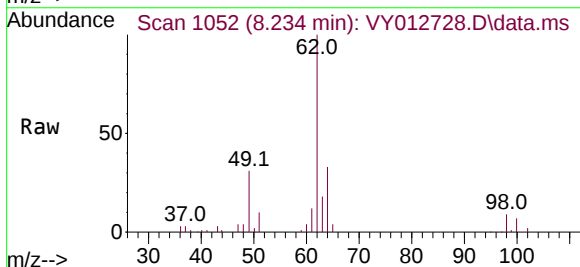
Manual Integrations
APPROVED

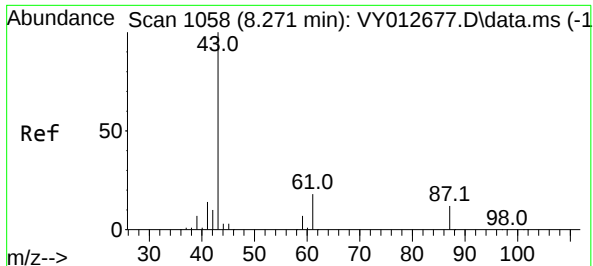
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#42
1,2-Dichloroethane
Concen: 19.670 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 62 Resp: 31817
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.8





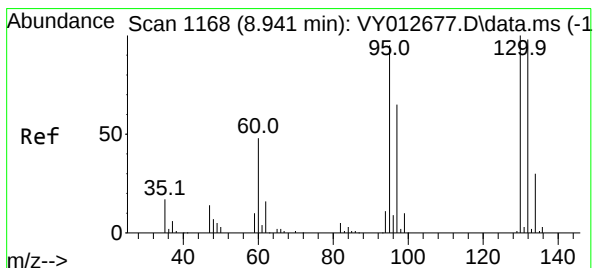
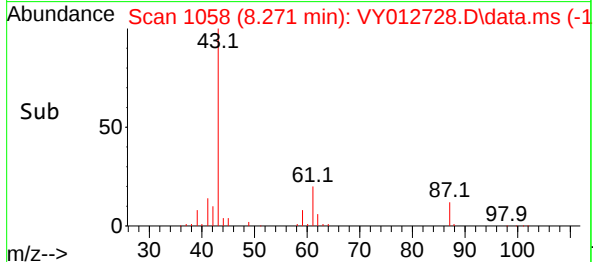
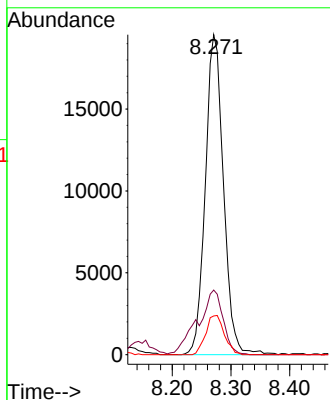
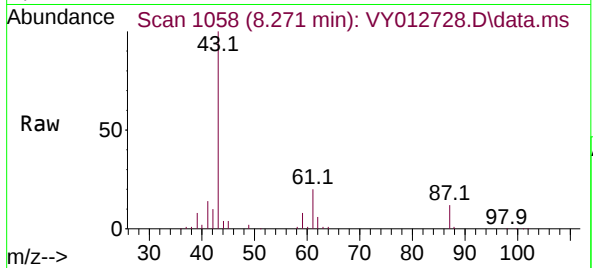
#43
Isopropyl Acetate
Concen: 19.257 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 43 Resp: 4196
Ion Ratio Lower Upper
43 100
61 28.3 20.5 30.7
87 12.5 9.2 13.8

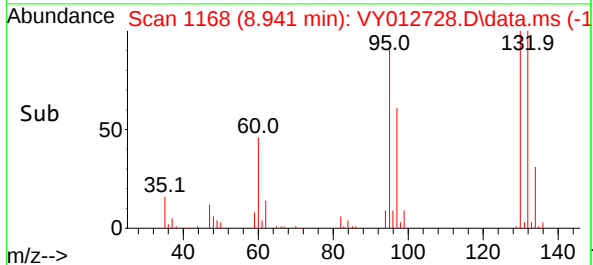
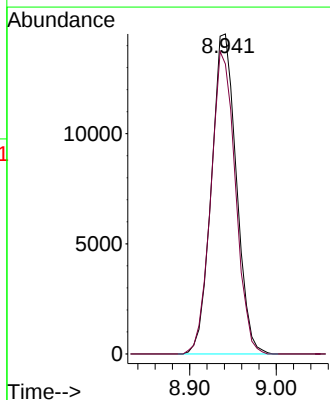
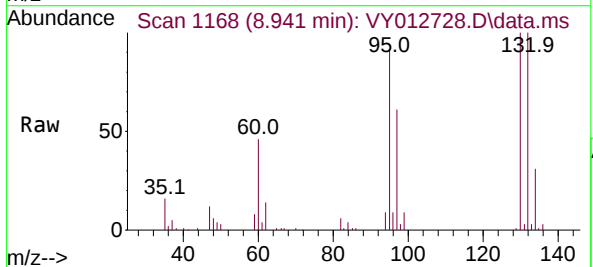
Manual Integrations
APPROVED

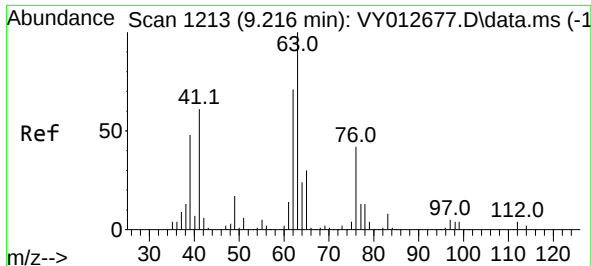
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#44
Trichloroethene
Concen: 21.473 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:130 Resp: 28960
Ion Ratio Lower Upper
130 100
95 90.6 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.219 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion: 63 Resp: 27130

Ion Ratio Lower Upper

63 100

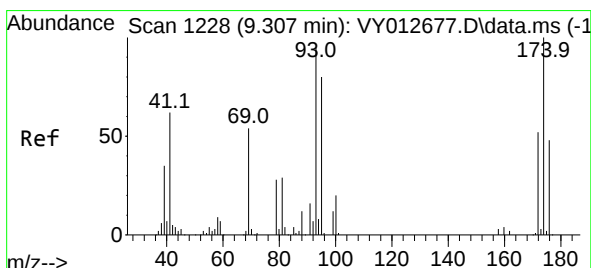
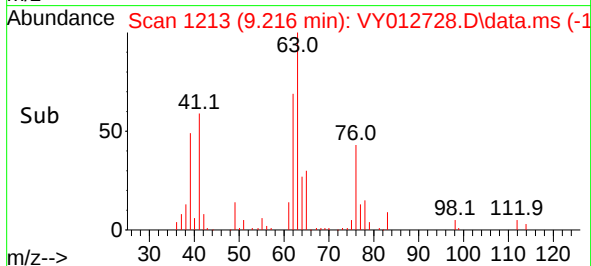
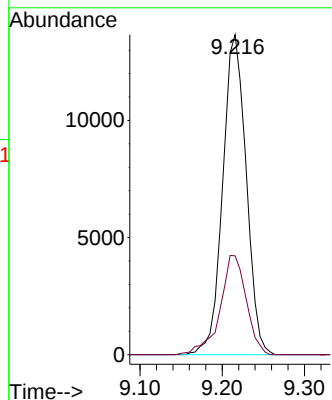
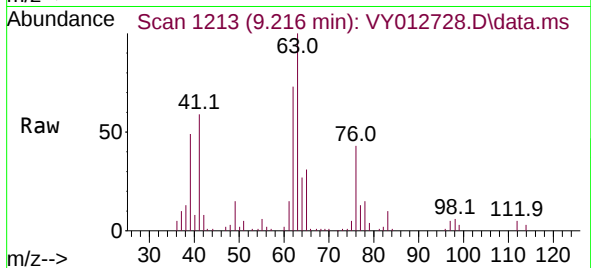
65 30.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#46

Dibromomethane

Concen: 21.452 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

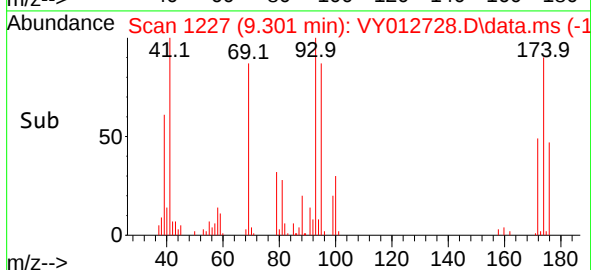
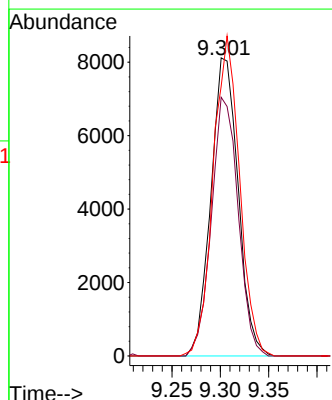
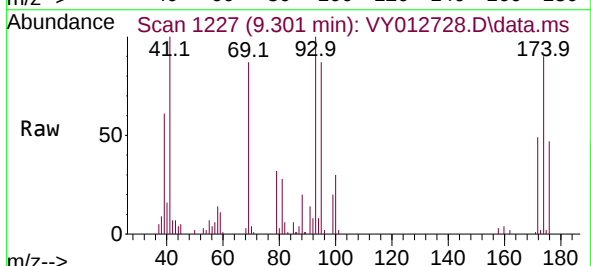
Tgt Ion: 93 Resp: 15889

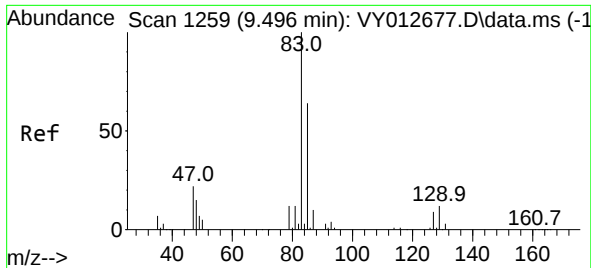
Ion Ratio Lower Upper

93 100

95 85.0 66.6 99.8

174 104.3 79.8 119.6





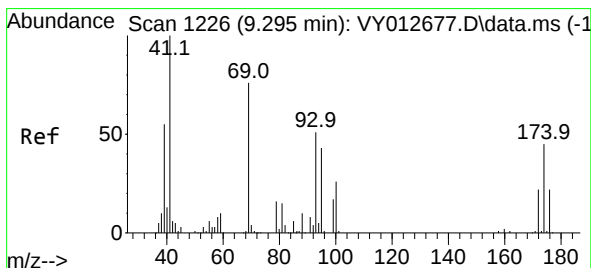
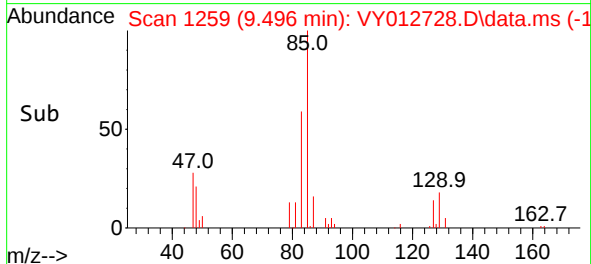
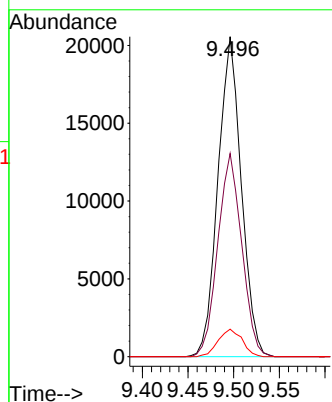
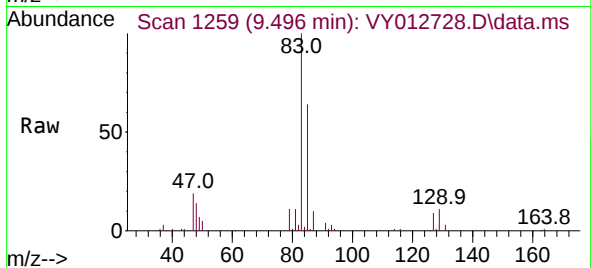
#47
Bromodichloromethane
Concen: 20.474 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 83 Resp: 36508
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.6 7.1 10.7

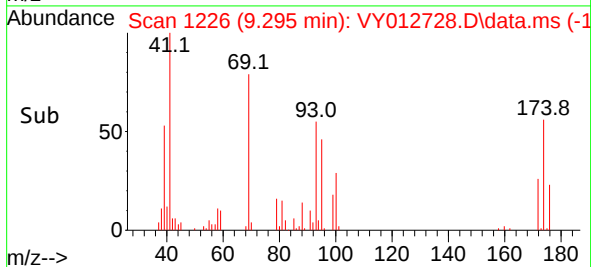
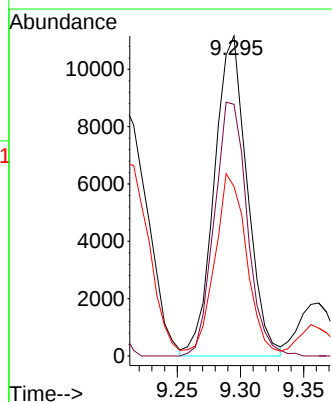
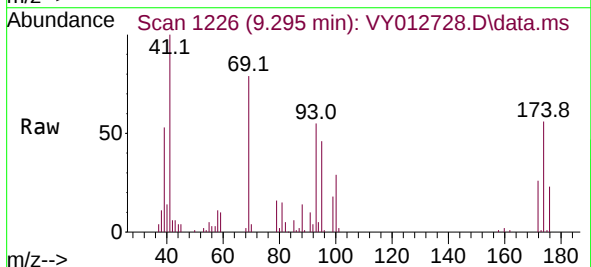
Manual Integrations
APPROVED

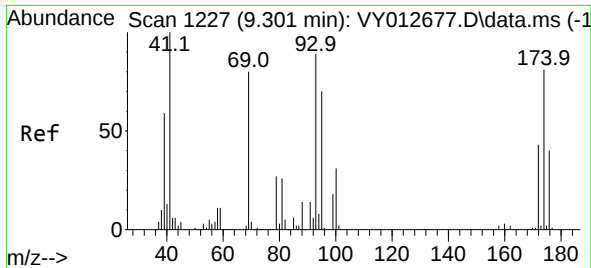
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#48
Methyl methacrylate
Concen: 19.835 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

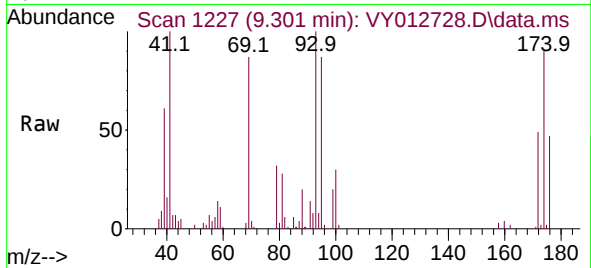
Tgt Ion: 41 Resp: 20168
Ion Ratio Lower Upper
41 100
69 79.3 62.6 93.8
39 55.6 45.1 67.7





#49
1,4-Dioxane
Concen: 409.984 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

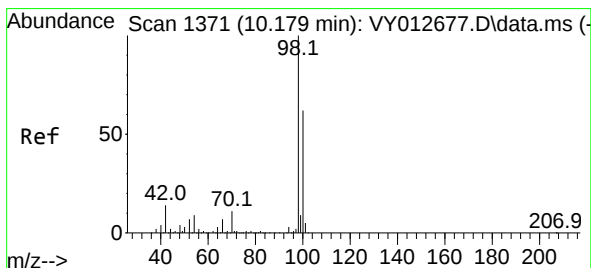
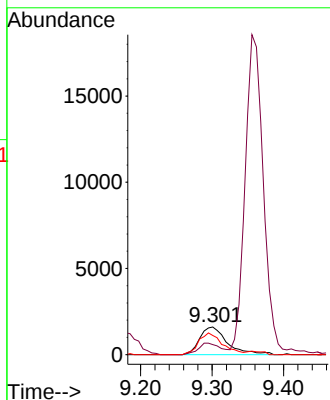
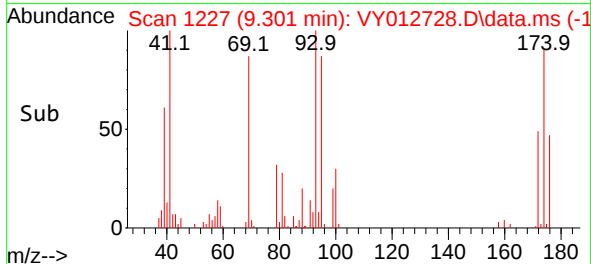
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 88 Resp: 4324
Ion Ratio Lower Upper
88 100
43 32.7 23.1 34.7
58 68.1 45.8 68.8

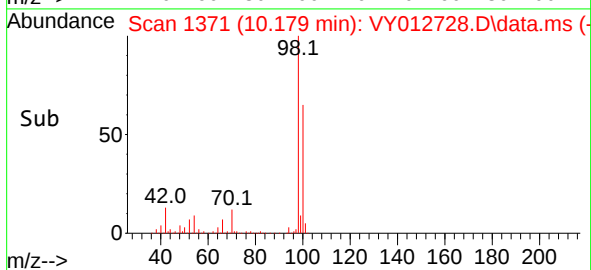
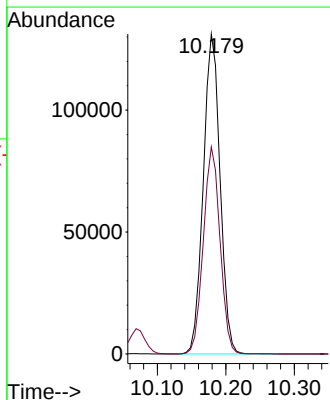
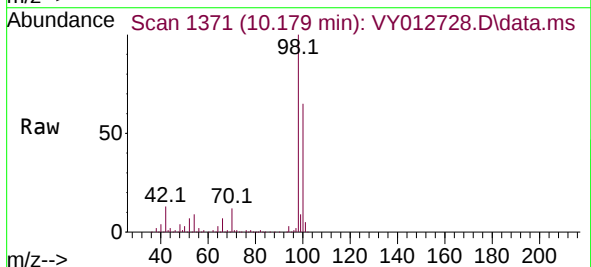
Manual Integrations
APPROVED

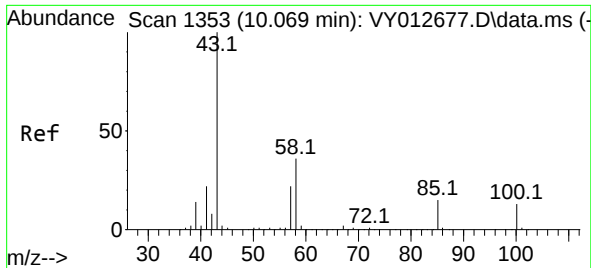
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#50
Toluene-d8
Concen: 50.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 98 Resp: 223856
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





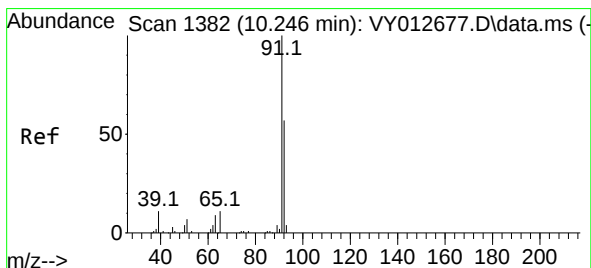
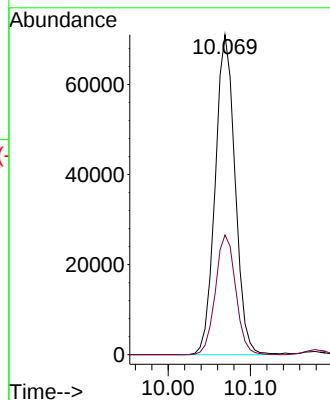
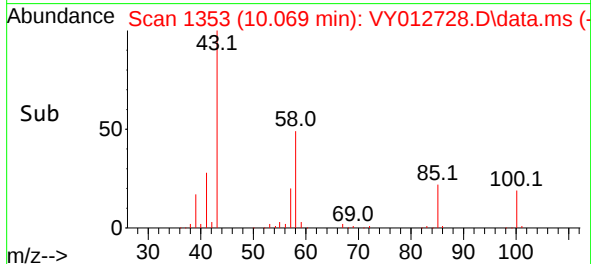
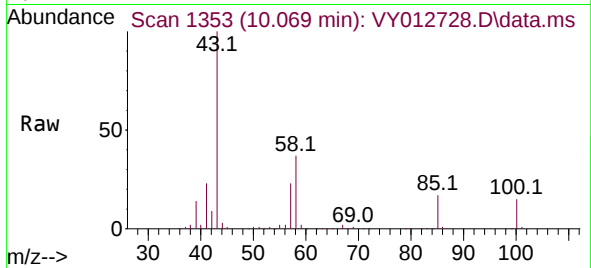
#51
4-Methyl-2-Pentanone
Concen: 101.690 ug/l
RT: 10.069 min Scan# 119528
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 43 Resp: 119528
Ion Ratio Lower Upper
43 100
58 38.2 28.8 43.2

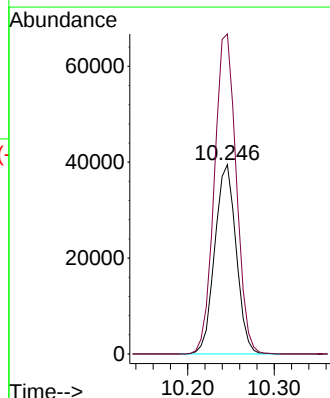
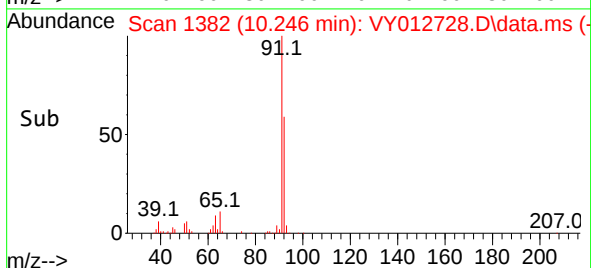
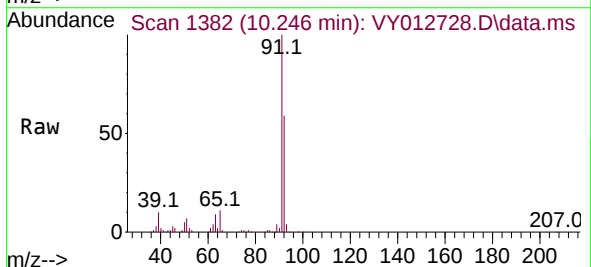
Manual Integrations
APPROVED

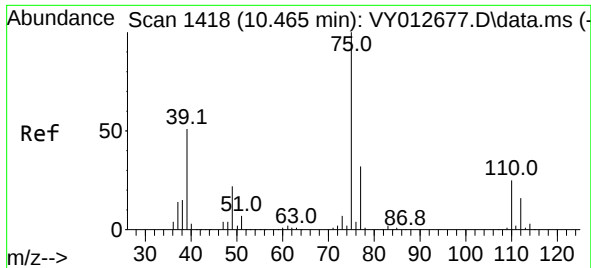
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#52
Toluene
Concen: 21.927 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion: 92 Resp: 67770
Ion Ratio Lower Upper
92 100
91 173.0 139.5 209.3





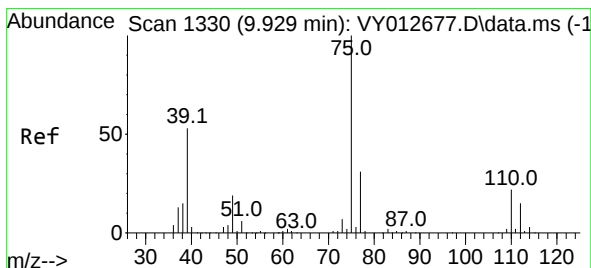
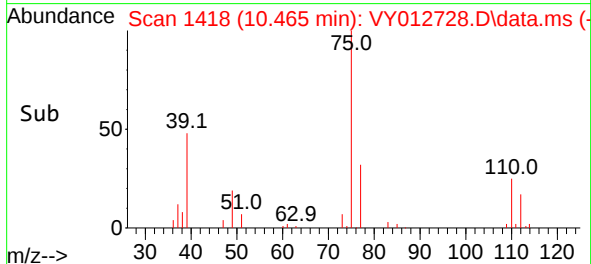
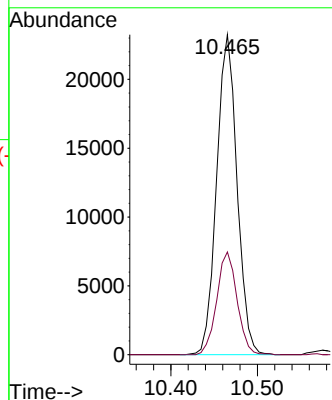
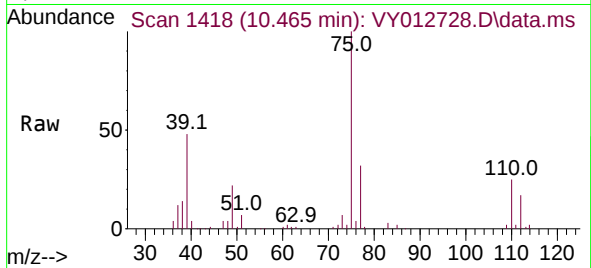
#53
 t-1,3-Dichloropropene
 Concen: 20.416 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01

Tgt Ion: 75 Resp: 3804
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9

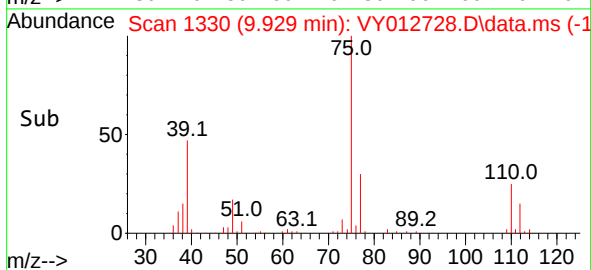
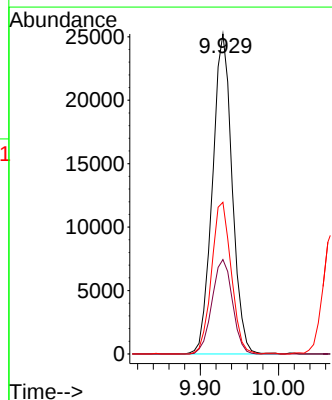
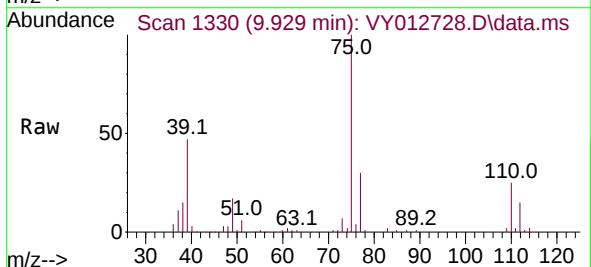
Manual Integrations
 APPROVED

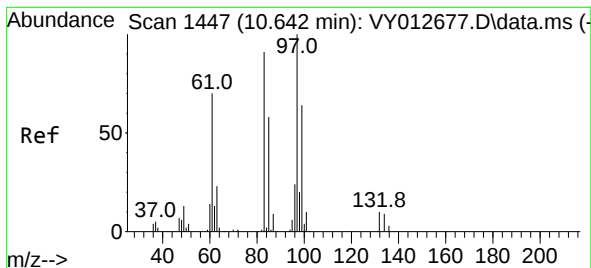
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.852 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39

Tgt Ion: 75 Resp: 43966
 Ion Ratio Lower Upper
 75 100
 77 29.5 24.9 37.3
 39 47.4 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 22.103 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion: 97 Resp: 22230

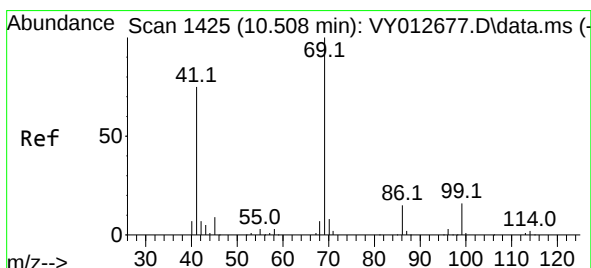
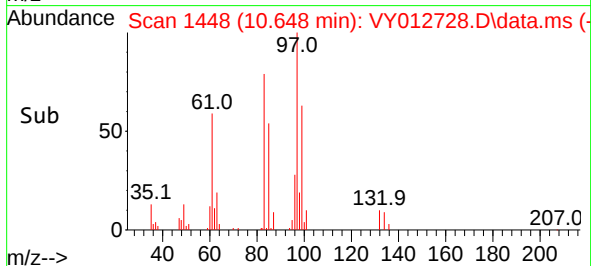
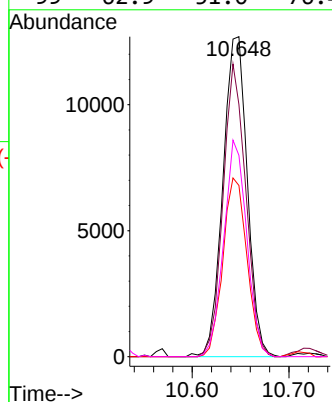
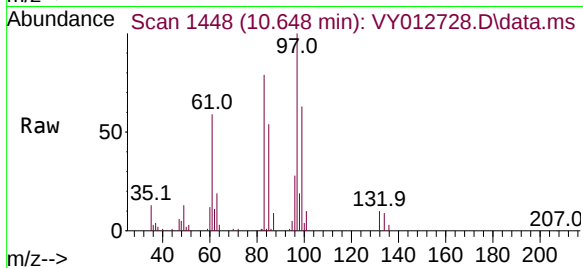
Ion	Ratio	Lower	Upper
97	100		
83	78.8	73.1	109.7
85	53.5	46.1	69.1
99	62.9	51.0	76.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#56

Ethyl methacrylate

Concen: 21.080 ug/l

RT: 10.508 min Scan# 1425

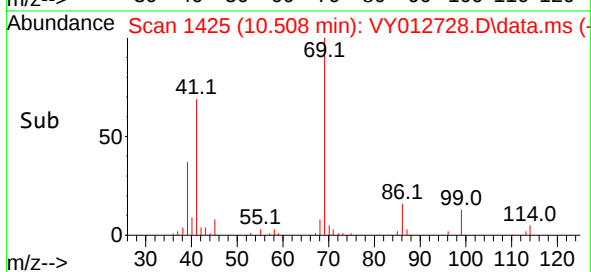
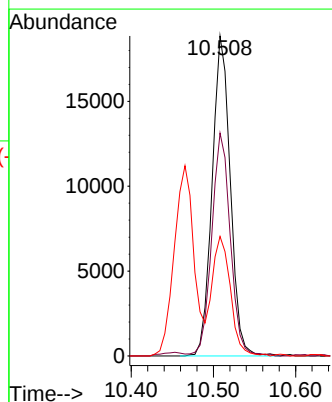
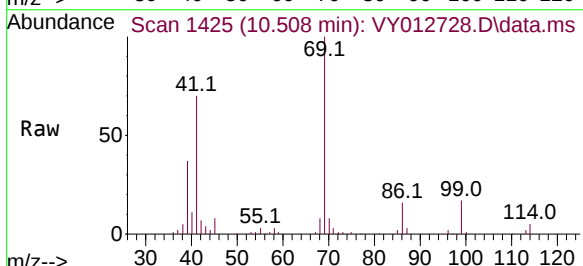
Delta R.T. 0.000 min

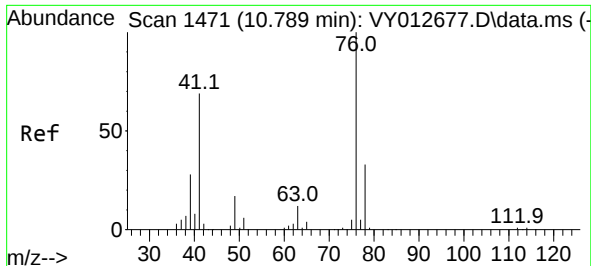
Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Tgt Ion: 69 Resp: 28962

Ion	Ratio	Lower	Upper
69	100		
41	71.4	60.2	90.4
39	37.5	32.4	48.6





#57

1,3-Dichloropropane

Concen: 21.437 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion: 76 Resp: 37900

Ion Ratio Lower Upper

76 100

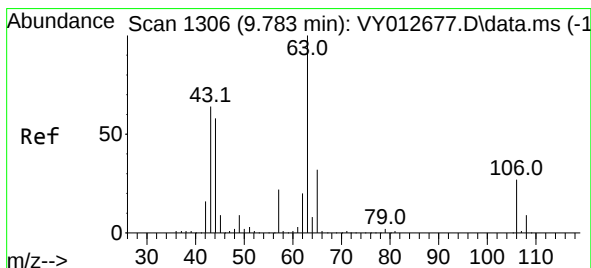
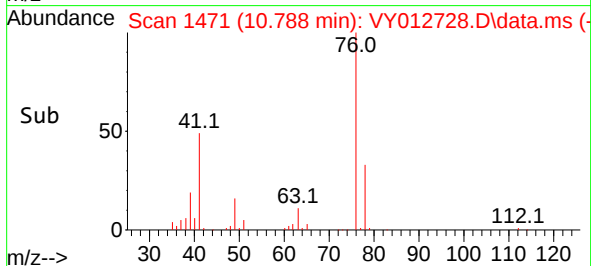
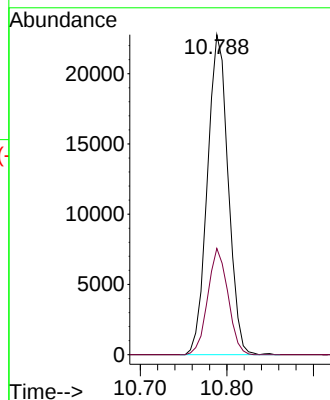
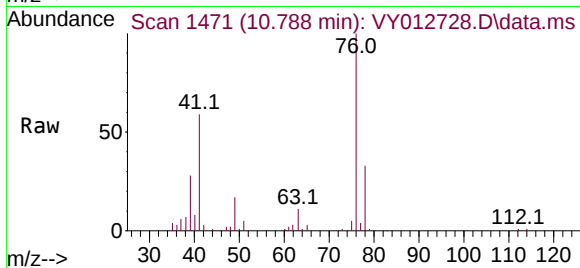
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 97.883 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012728.D

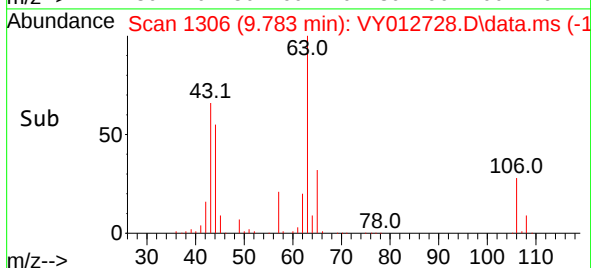
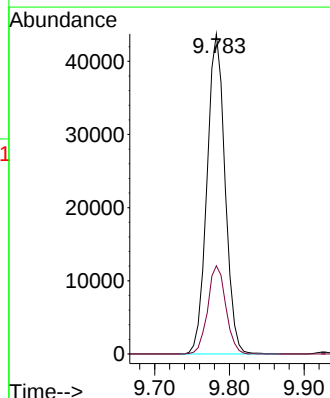
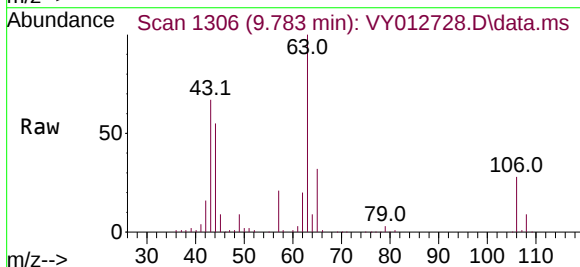
Acq: 27 Feb 2023 11:39

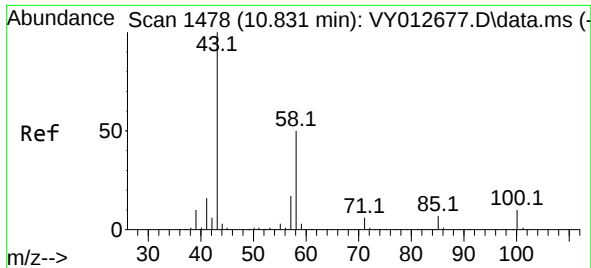
Tgt Ion: 63 Resp: 73253

Ion Ratio Lower Upper

63 100

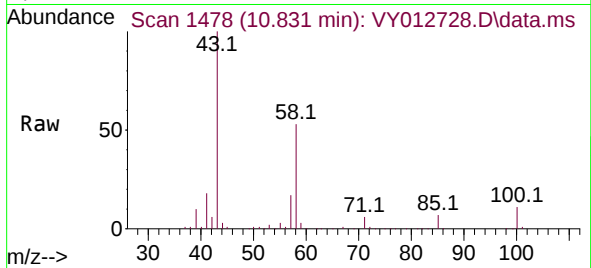
106 27.6 21.0 31.6





#59
2-Hexanone
Concen: 103.712 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

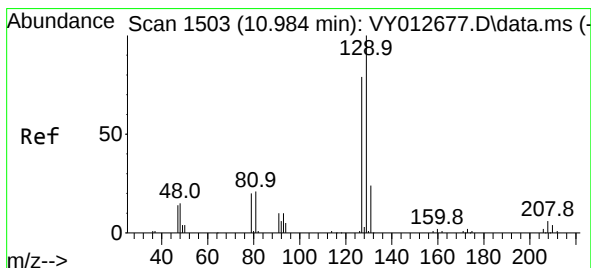
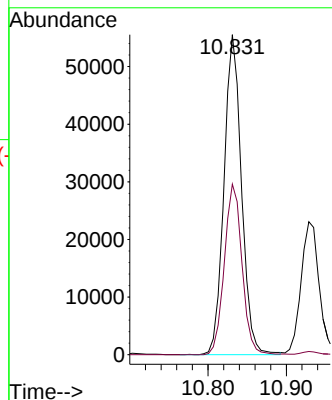
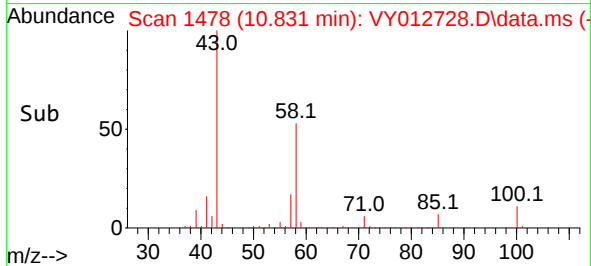
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 43 Resp: 86420
Ion Ratio Lower Upper
43 100
58 53.7 24.9 74.6

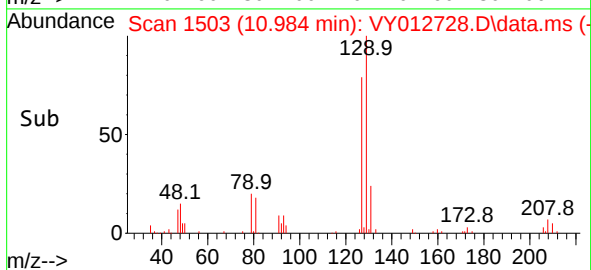
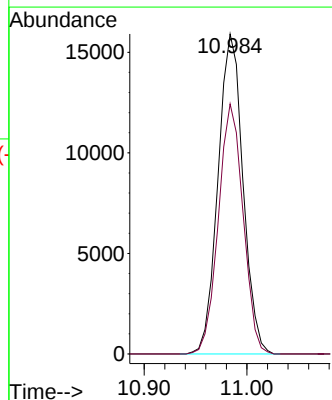
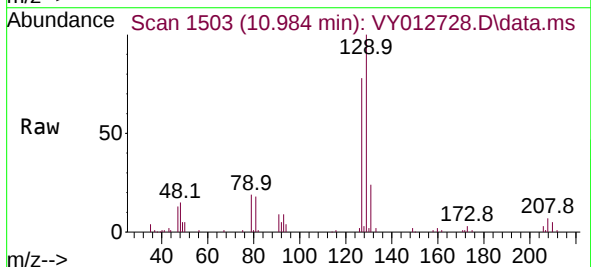
Manual Integrations
APPROVED

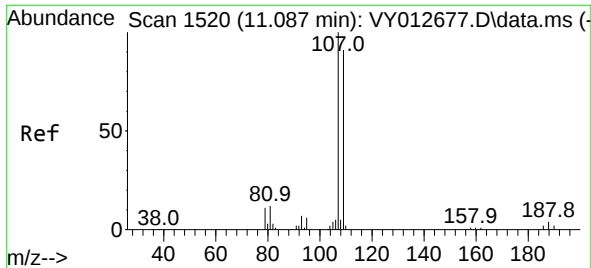
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#60
Dibromochloromethane
Concen: 21.971 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:129 Resp: 26779
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.3





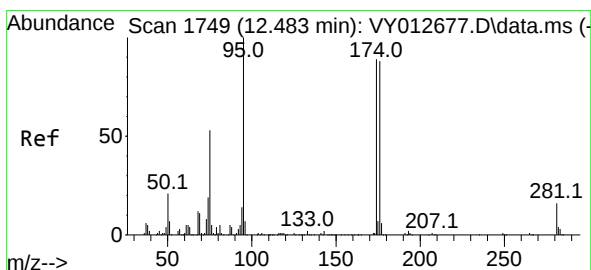
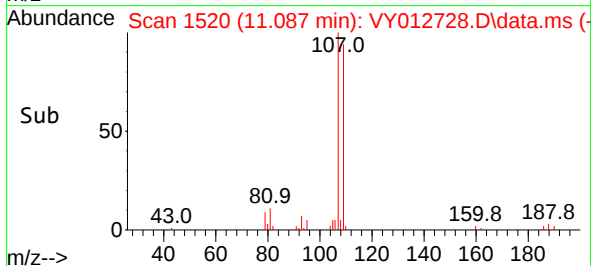
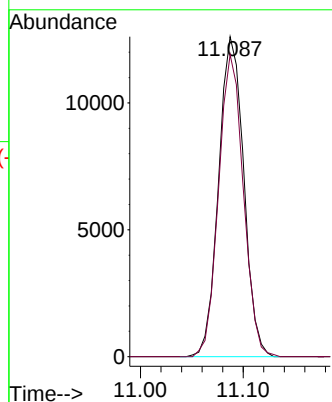
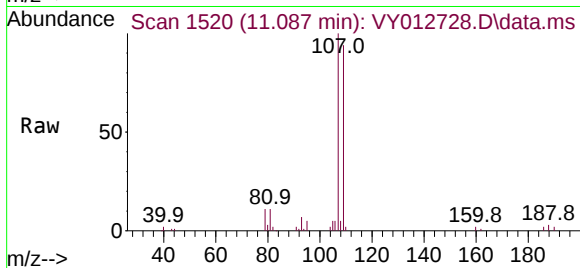
#61
1,2-Dibromoethane
Concen: 22.149 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion:107 Resp: 21348
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2

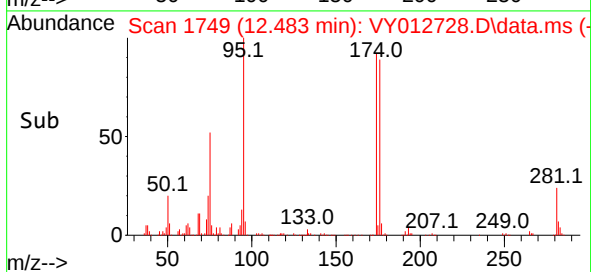
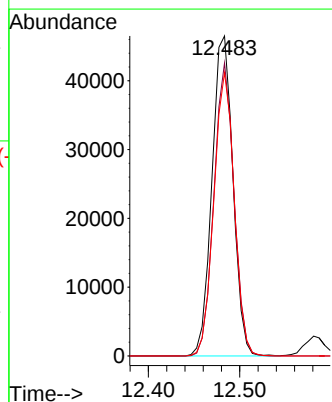
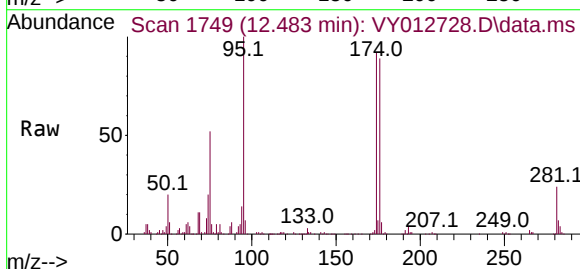
Manual Integrations
APPROVED

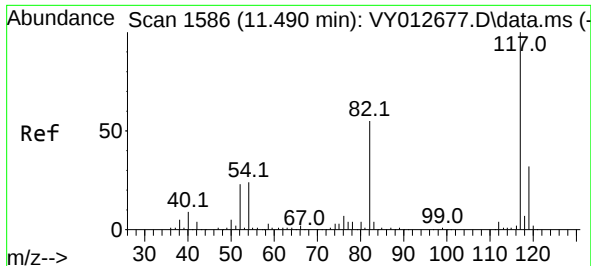
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#62
4-Bromofluorobenzene
Concen: 52.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

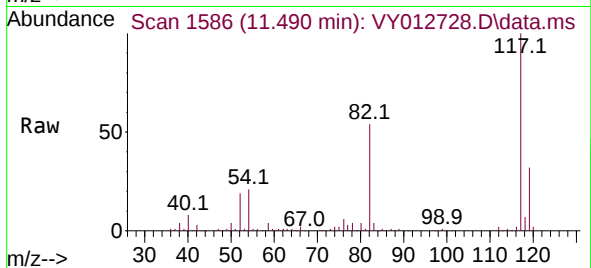
Tgt Ion: 95 Resp: 74211
Ion Ratio Lower Upper
95 100
174 87.2 0.0 172.8
176 85.9 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

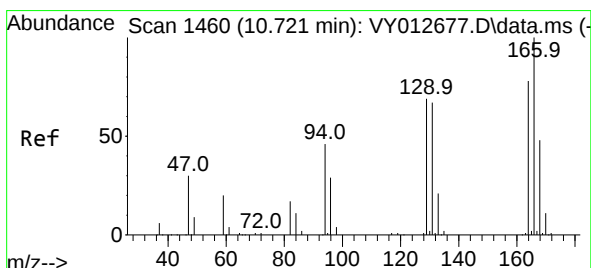
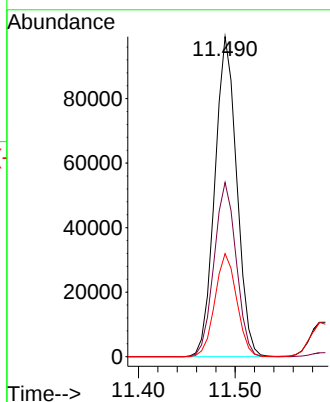
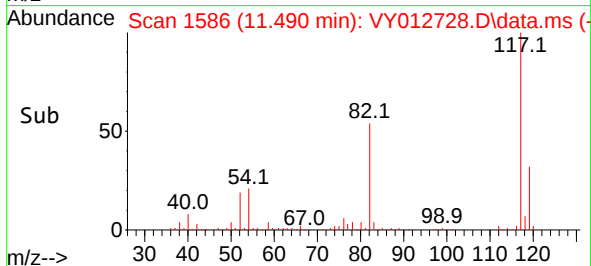
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



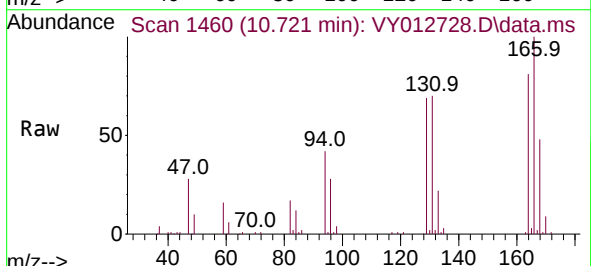
Tgt Ion:117 Resp: 156100
Ion Ratio Lower Upper
117 100
82 54.5 44.1 66.1
119 32.2 25.5 38.3

Manual Integrations
APPROVED

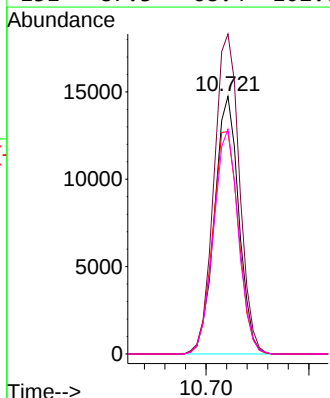
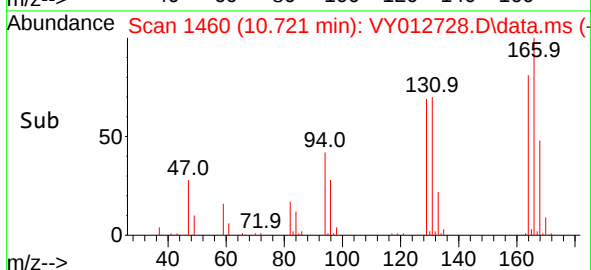
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

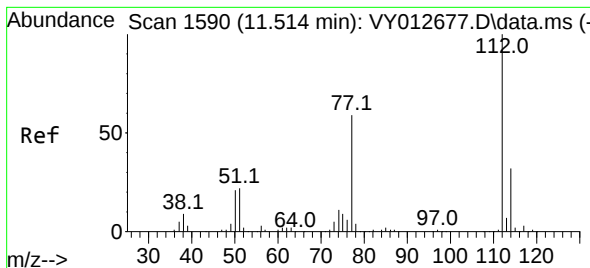


#64
Tetrachloroethene
Concen: 21.328 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion:164 Resp: 24214
Ion Ratio Lower Upper
164 100
166 124.2 102.2 153.4
129 86.3 71.0 106.6
131 87.3 68.4 102.6





#65

Chlorobenzene

Concen: 21.314 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion:112 Resp: 71350

Ion Ratio Lower Upper

112 100

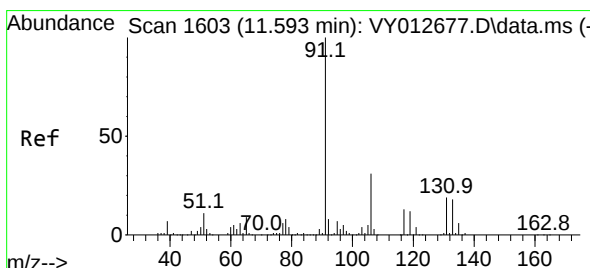
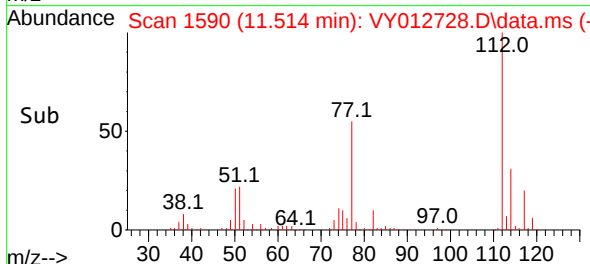
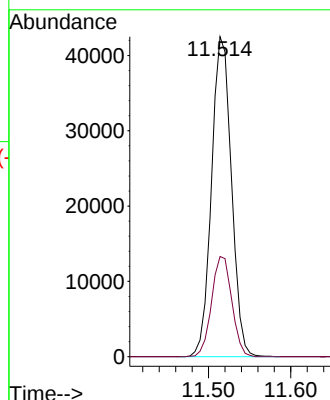
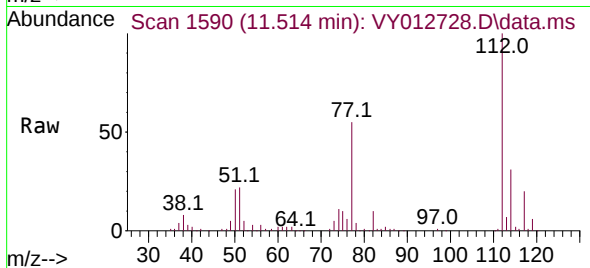
114 31.3 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 21.227 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

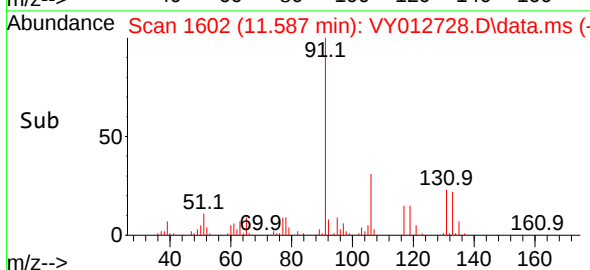
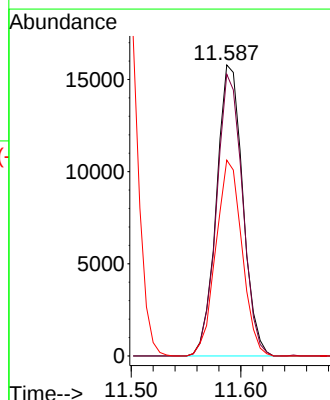
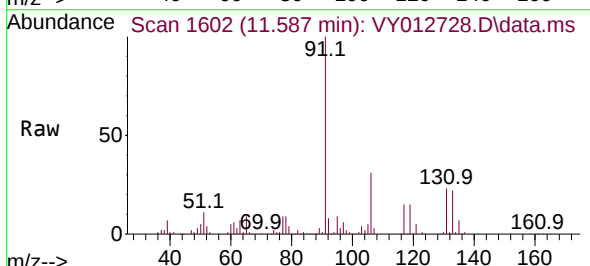
Tgt Ion:131 Resp: 26334

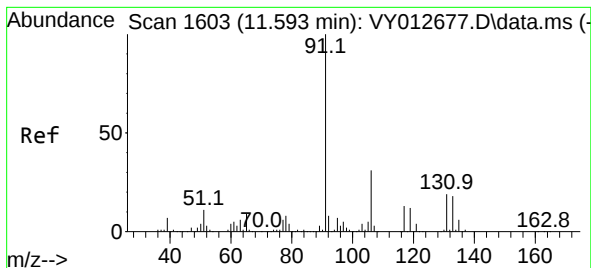
Ion Ratio Lower Upper

131 100

133 95.4 47.1 141.3

119 67.0 32.4 97.2





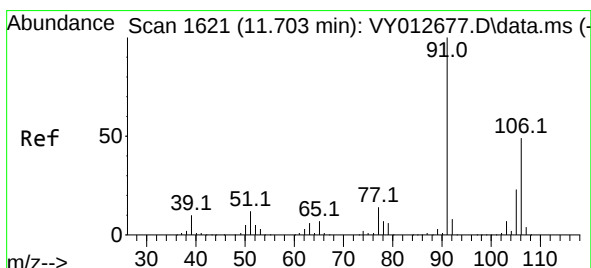
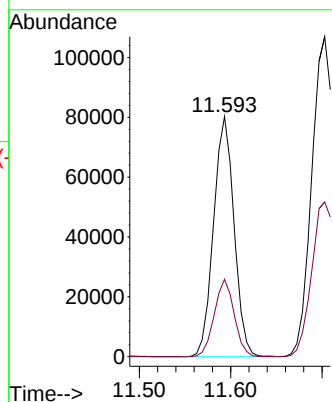
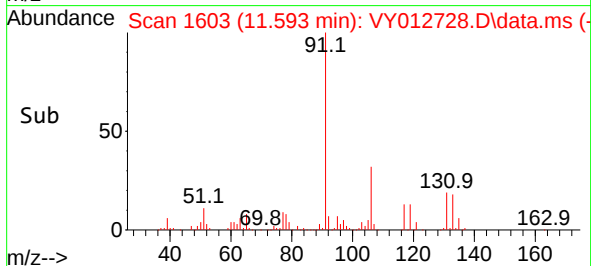
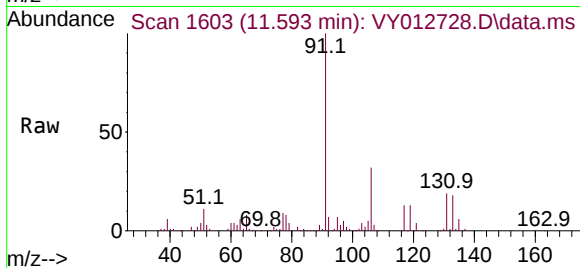
#67
Ethyl Benzene
Concen: 20.857 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 91 Resp: 124800
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8

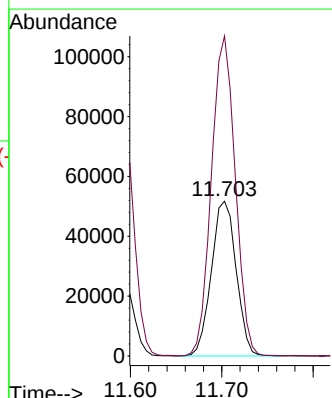
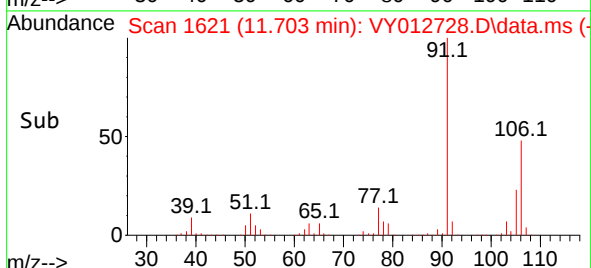
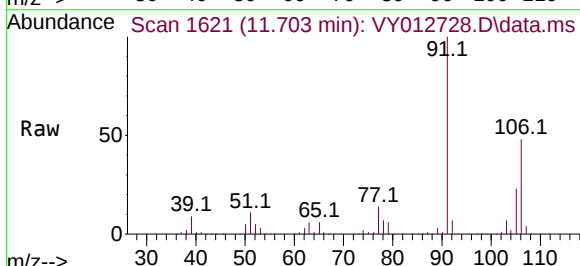
Manual Integrations
APPROVED

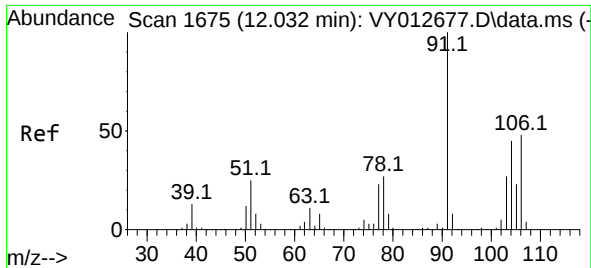
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#68
m/p-Xylenes
Concen: 42.628 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:106 Resp: 97303
Ion Ratio Lower Upper
106 100
91 198.9 163.2 244.8





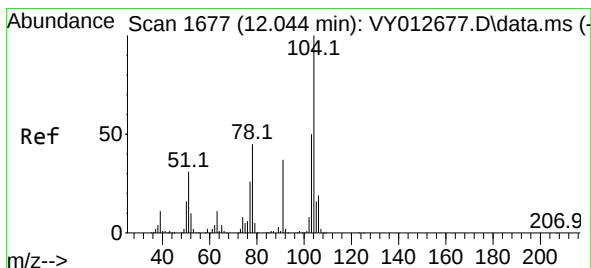
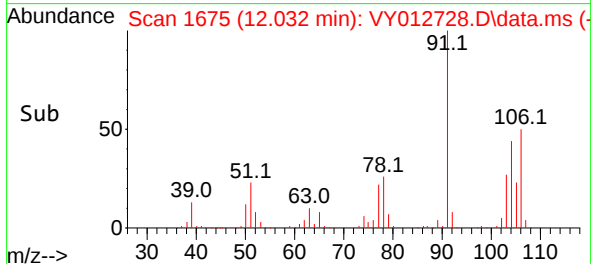
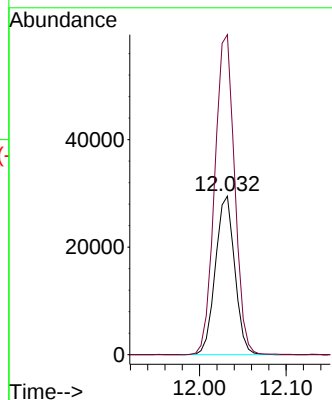
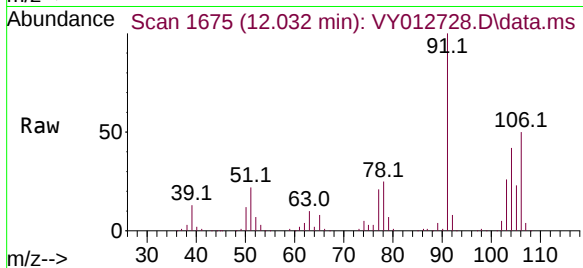
#69
o-Xylene
Concen: 21.652 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion:106 Resp: 45770
Ion Ratio Lower Upper
106 100
91 207.6 106.3 319.0

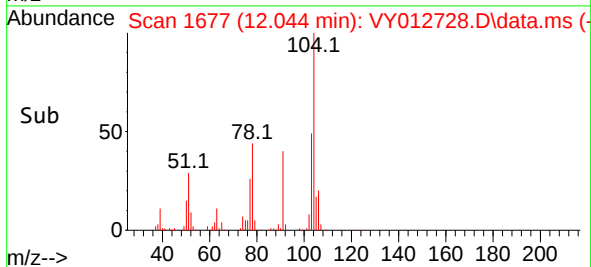
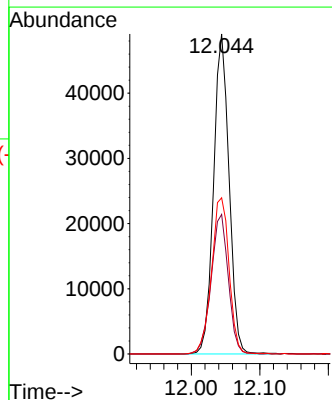
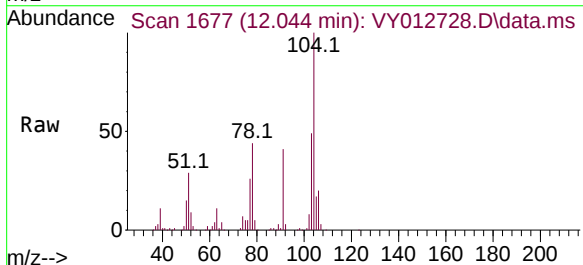
Manual Integrations
APPROVED

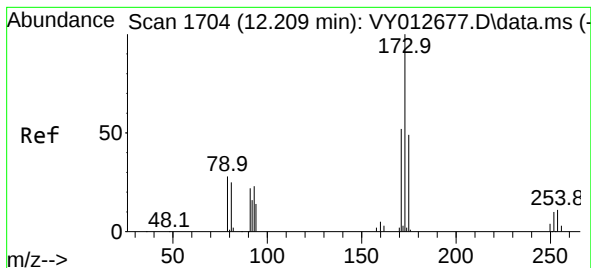
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#70
Styrene
Concen: 21.706 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:104 Resp: 76918
Ion Ratio Lower Upper
104 100
78 48.3 40.6 61.0
103 55.3 44.1 66.1





#71

Bromoform

Concen: 21.864 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

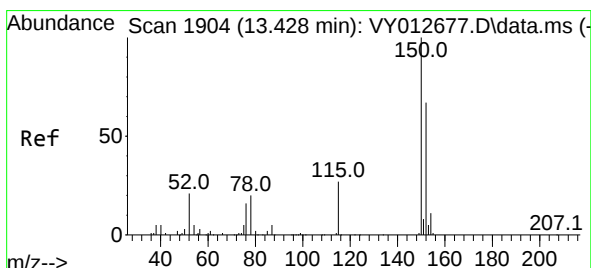
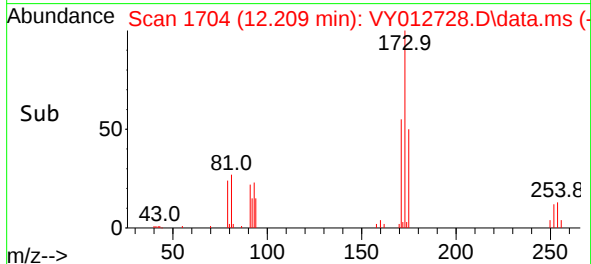
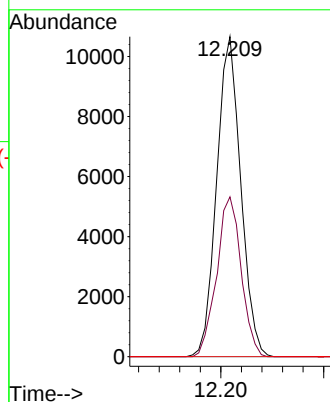
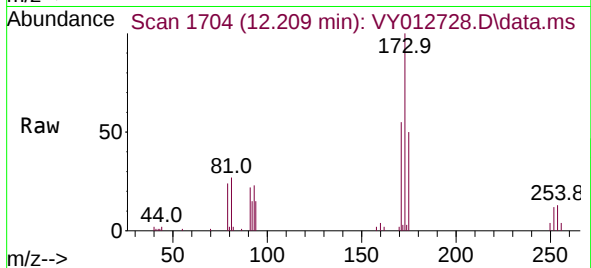
Tgt Ion:173	Resp:	17308
Ion Ratio	Lower	Upper
173	100	
175	50.8	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

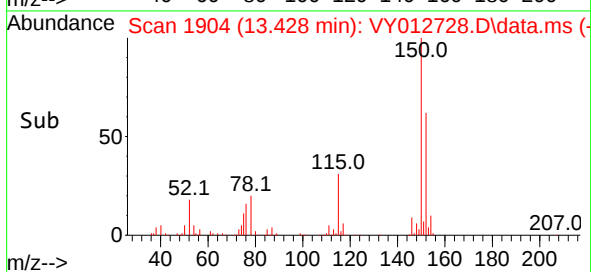
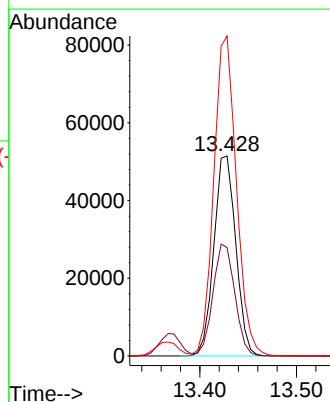
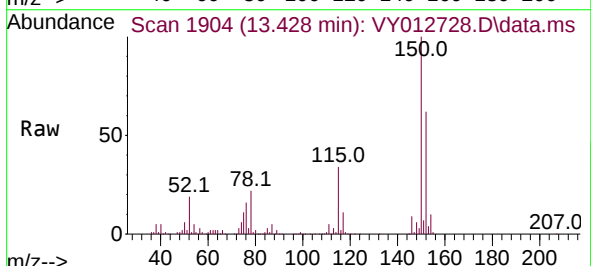
RT: 13.428 min Scan# 1904

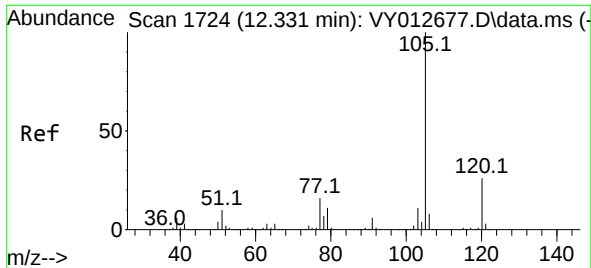
Delta R.T. 0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

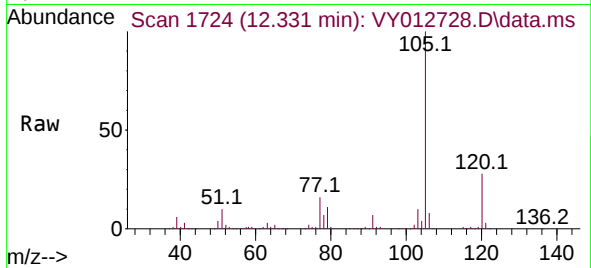
Tgt Ion:152	Resp:	80959
Ion Ratio	Lower	Upper
152	100	
115	55.9	28.7 86.3
150	165.1	0.0 347.6





#73
Isopropylbenzene
Concen: 20.311 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

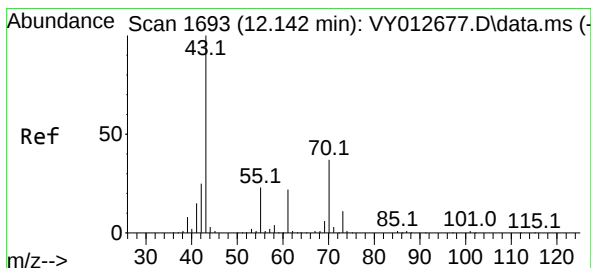
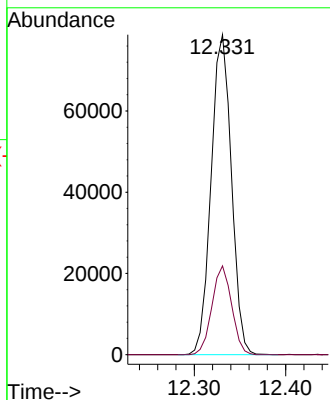
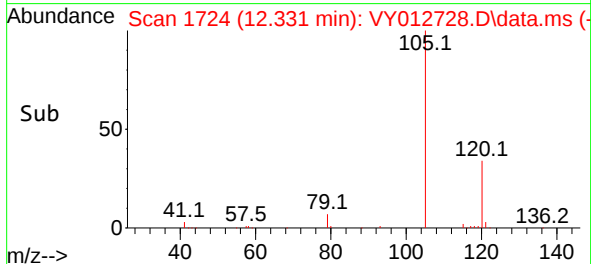
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



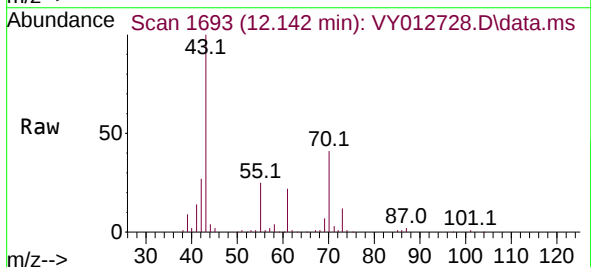
Tgt Ion:105 Resp: 121510
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5

Manual Integrations
APPROVED

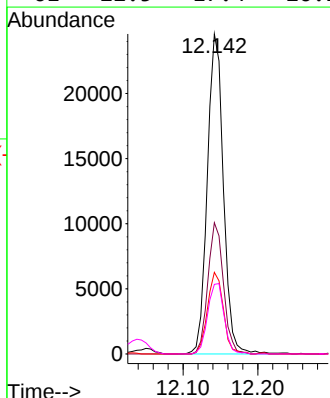
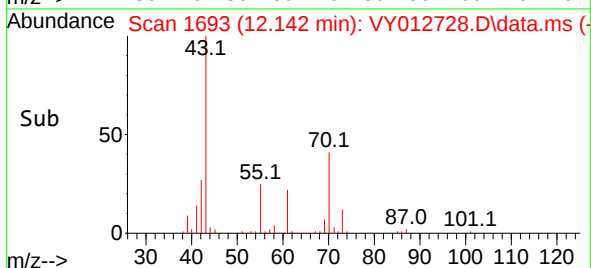
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

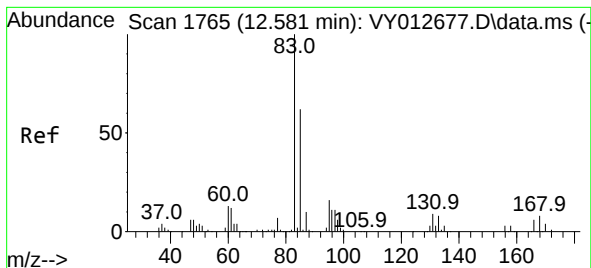


#74
N-ethyl acetate
Concen: 18.716 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



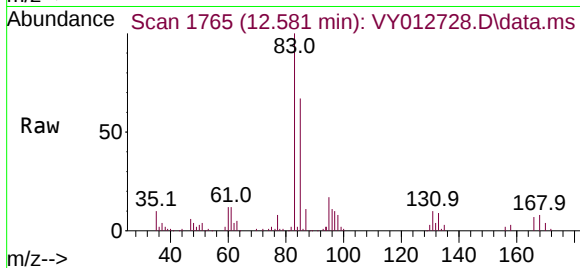
Tgt Ion: 43 Resp: 36809
Ion Ratio Lower Upper
43 100
70 39.7 29.8 44.6
55 25.1 18.2 27.2
61 22.5 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 20.639 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

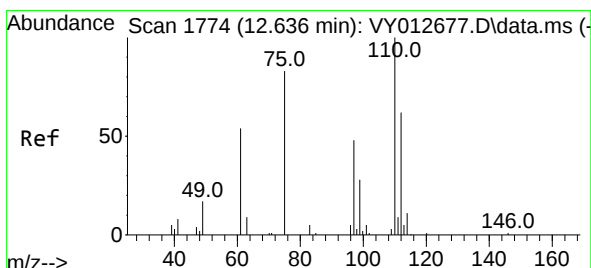
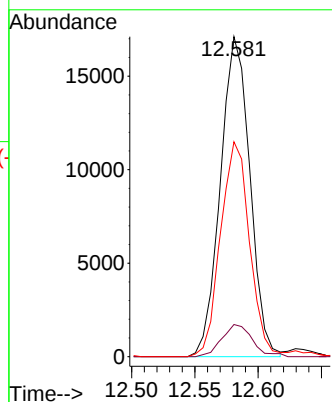
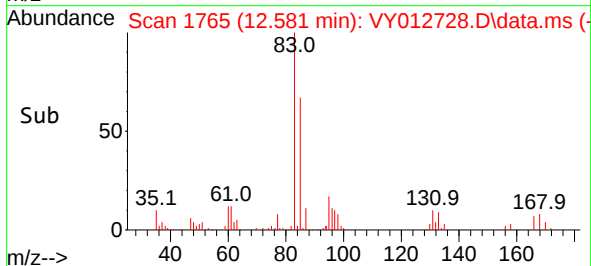
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



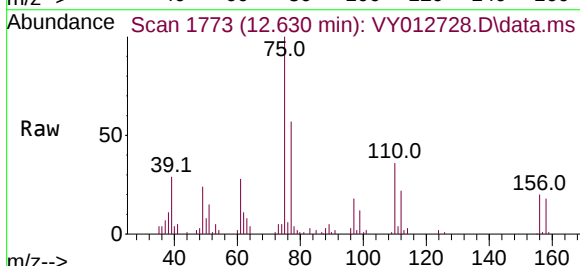
Tgt Ion: 83 Resp: 2776
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 66.2 31.6 95.0

Manual Integrations
APPROVED

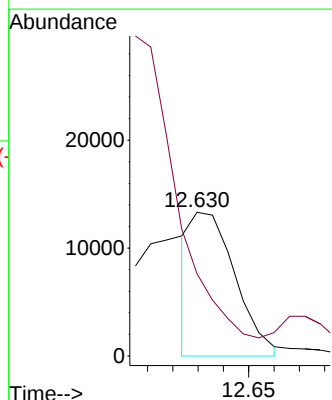
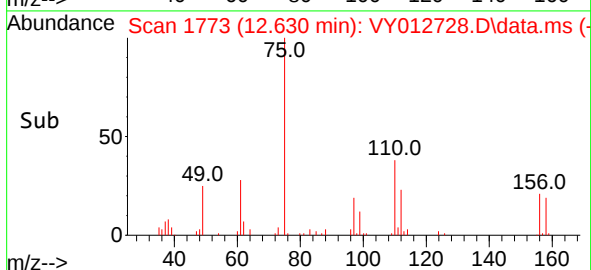
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

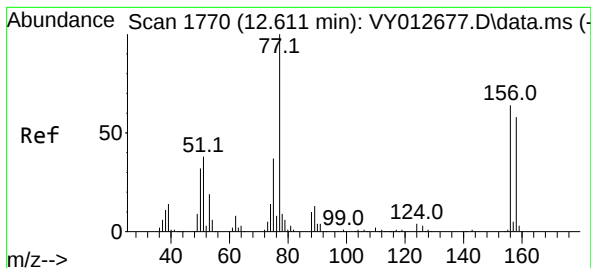


#76
1,2,3-Trichloropropane
Concen: 16.019 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion: 75 Resp: 16168
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

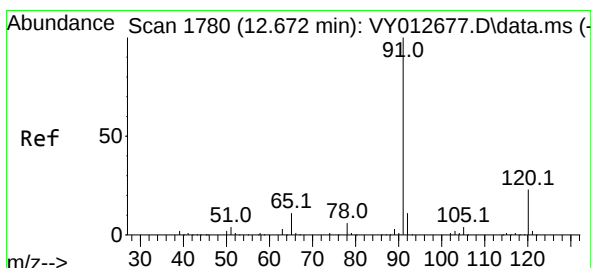
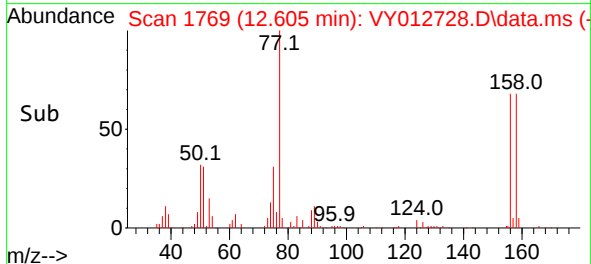
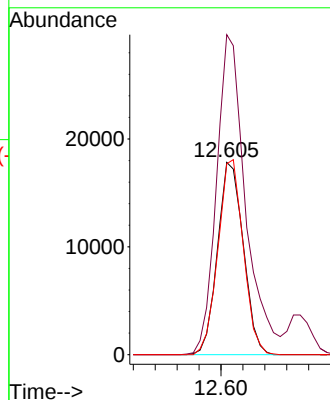
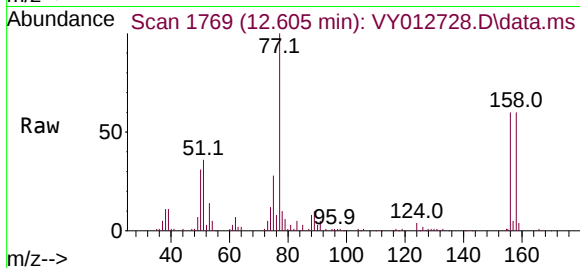
Tgt Ion:	156	Resp:	2916
Ion Ratio	Lower	Upper	
156	100		
77	187.3	96.3	288.8
158	99.4	48.5	145.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#78

n-propylbenzene

Concen: 20.078 ug/l

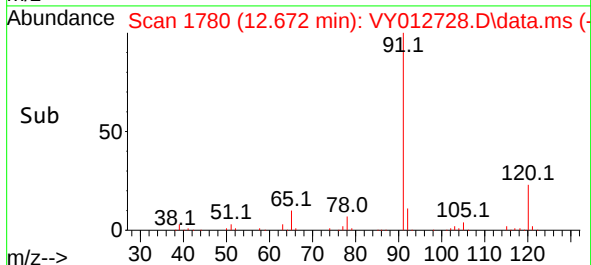
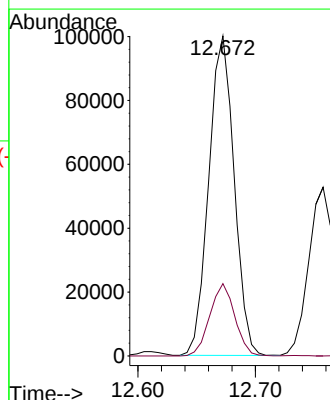
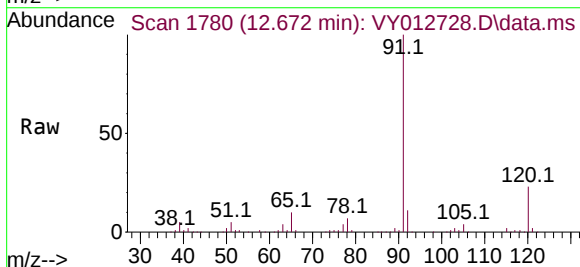
RT: 12.672 min Scan# 1780

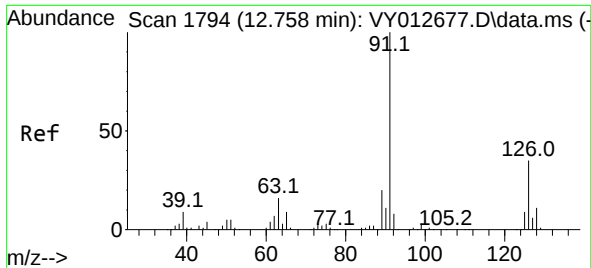
Delta R.T. 0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Tgt Ion:	91	Resp:	150253
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.3	33.8





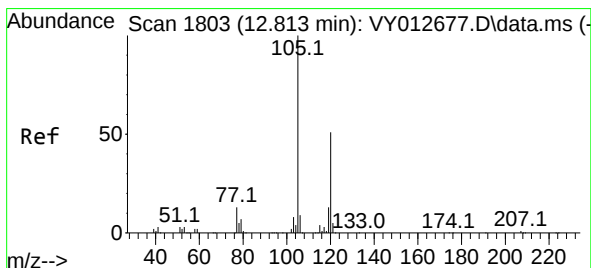
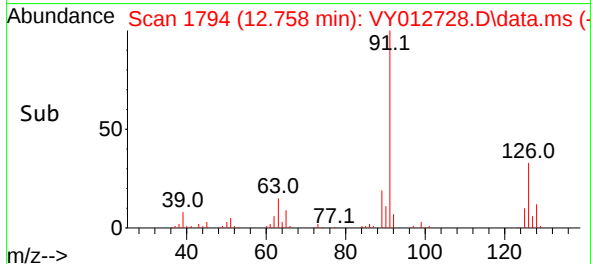
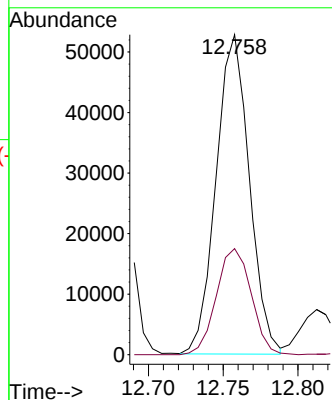
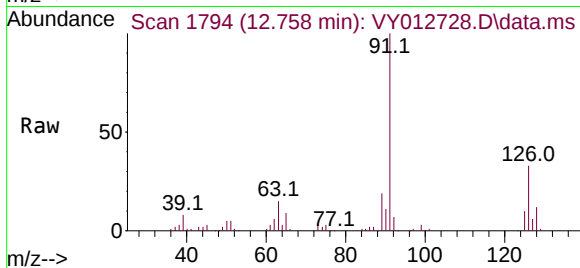
#79
2-Chlorotoluene
Concen: 19.637 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 91 Resp: 81639
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7

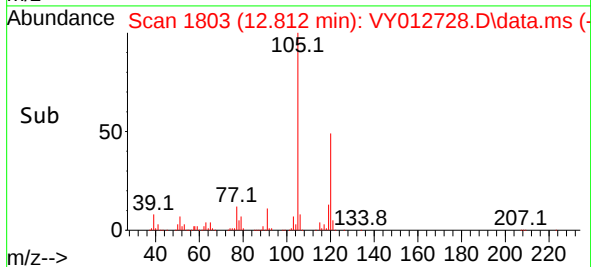
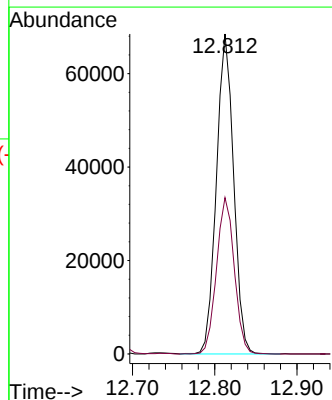
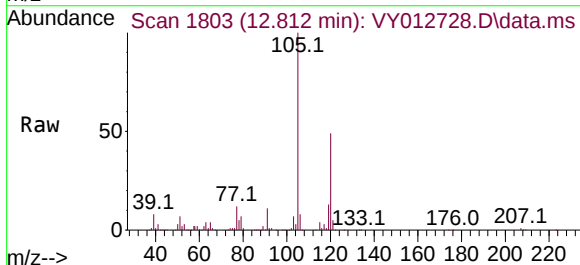
Manual Integrations
APPROVED

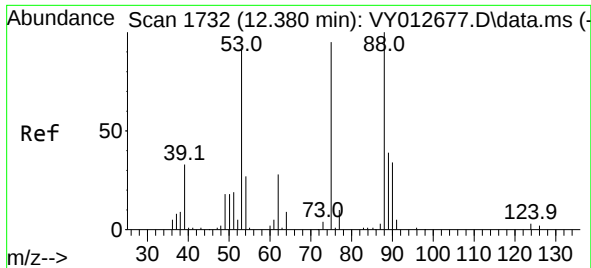
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.938 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Tgt Ion:105 Resp: 99642
Ion Ratio Lower Upper
105 100
120 50.4 24.7 74.1





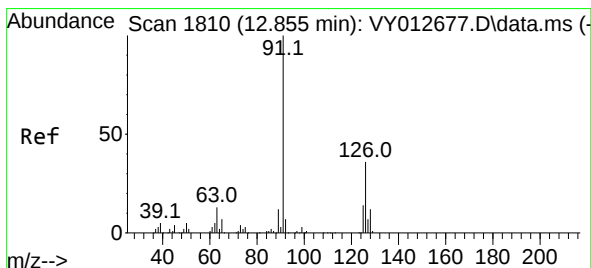
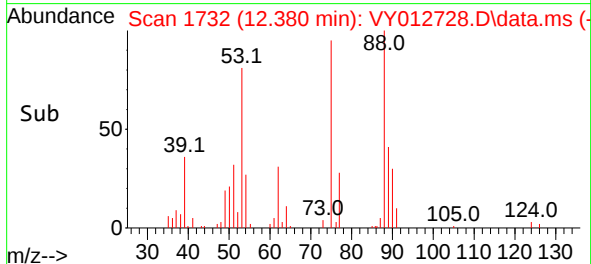
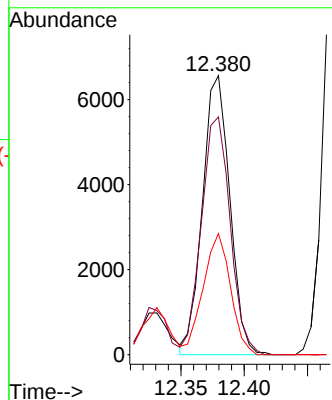
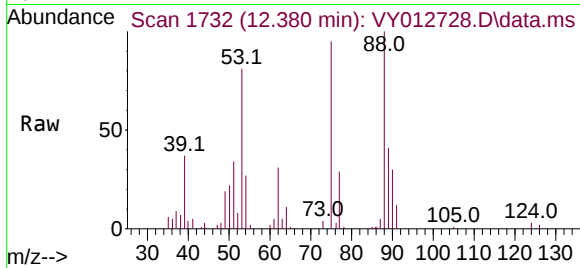
#81
trans-1,4-Dichloro-2-butene
Concen: 20.742 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Tgt Ion: 75 Resp: 988
Ion Ratio Lower Upper
75 100
53 89.6 80.4 120.6
89 43.6 36.5 54.7

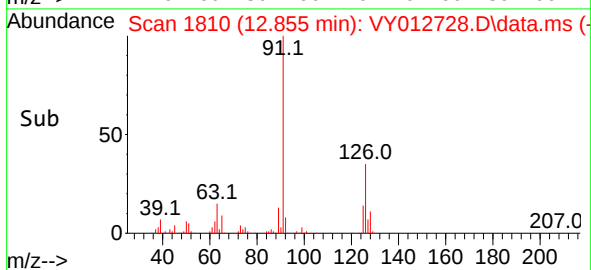
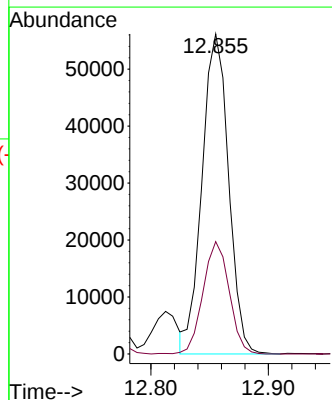
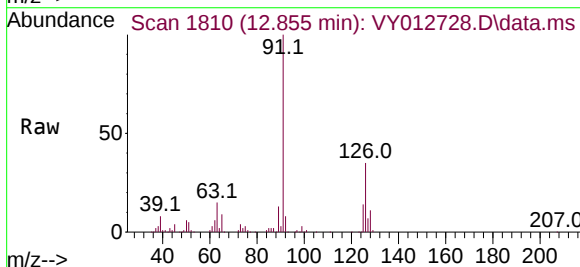
Manual Integrations
APPROVED

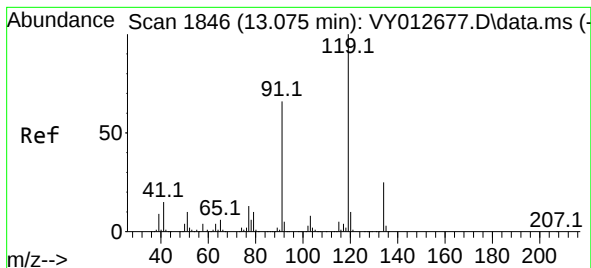
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#82
4-Chlorotoluene
Concen: 20.412 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

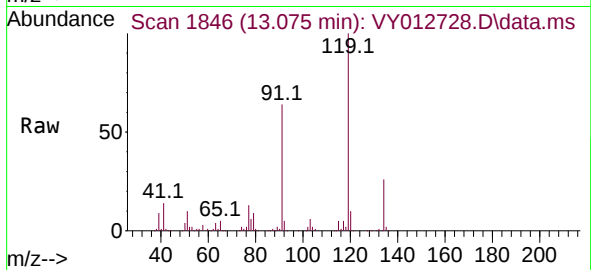
Tgt Ion: 91 Resp: 88015
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5





#83
tert-Butylbenzene
Concen: 20.394 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

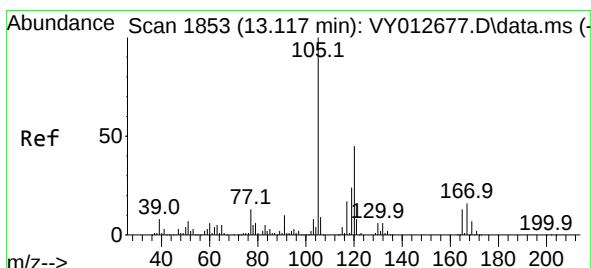
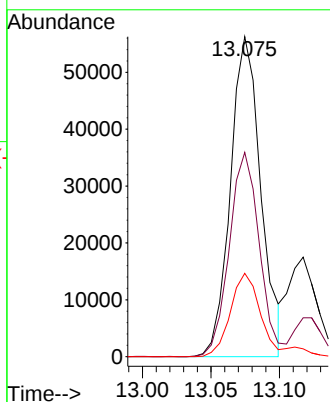
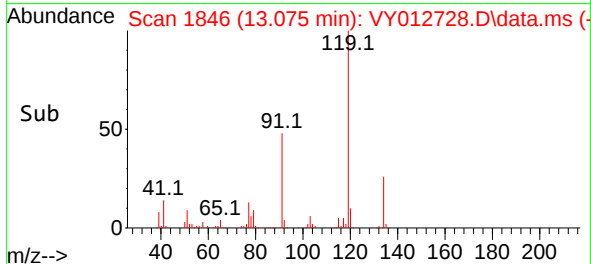
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion:119 Resp: 87032
Ion Ratio Lower Upper
119 100
91 63.4 32.4 97.2
134 27.5 13.6 40.8

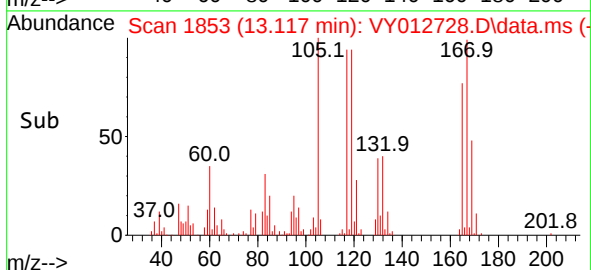
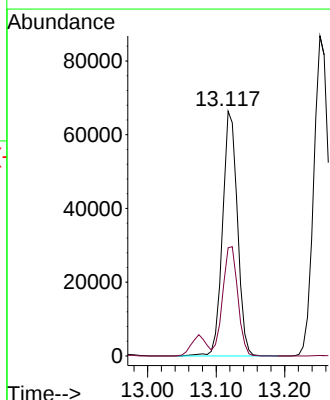
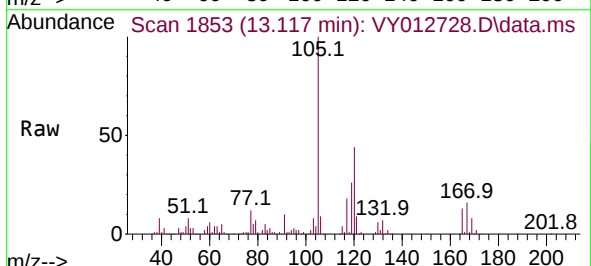
Manual Integrations
APPROVED

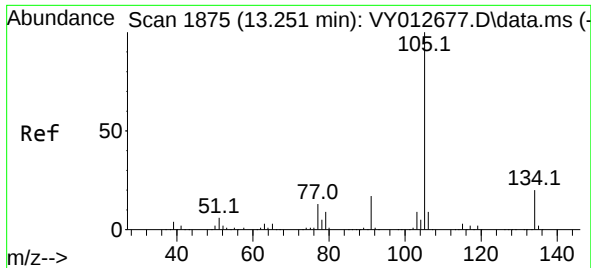
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.376 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

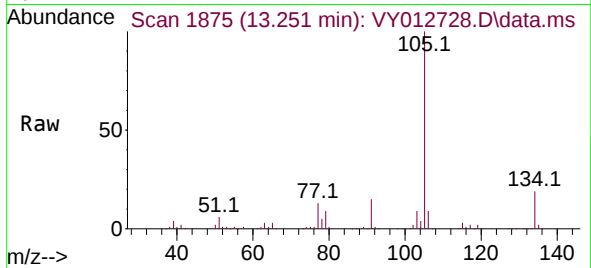
Tgt Ion:105 Resp: 99545
Ion Ratio Lower Upper
105 100
120 45.4 22.7 68.0





#85
 sec-Butylbenzene
 Concen: 20.336 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39

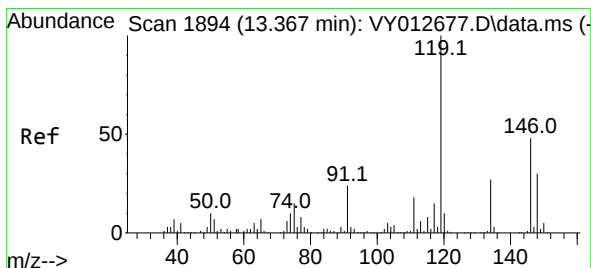
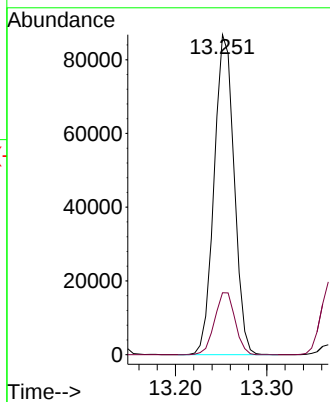
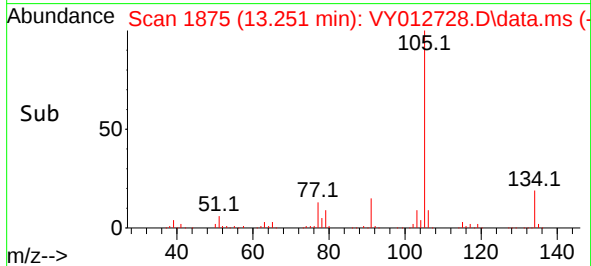
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0227SBS01



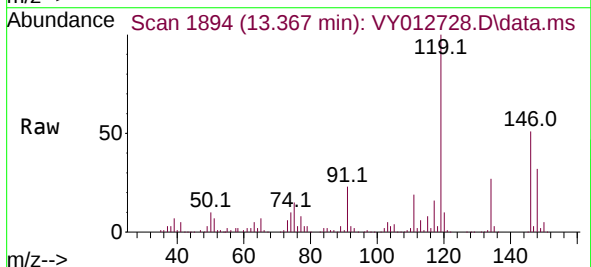
Tgt Ion:105 Resp: 132038
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.2 30.6

Manual Integrations
 APPROVED

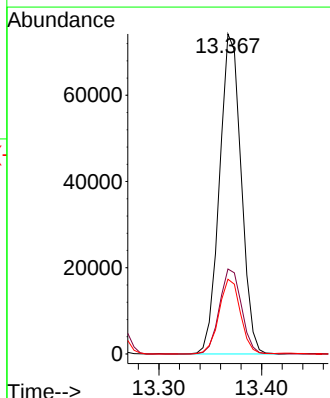
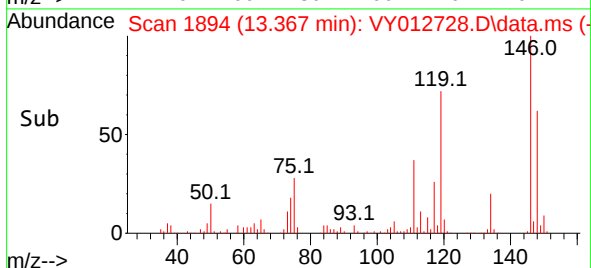
Reviewed By :John Carlone 02/28/2023
 Supervised By :Mahesh Dadoda 02/28/2023

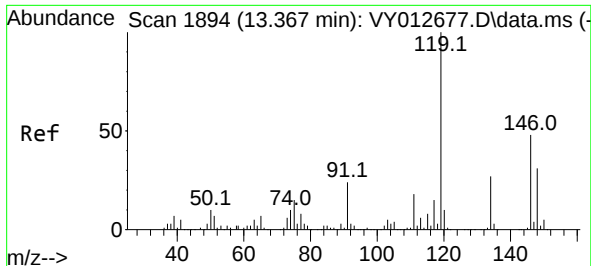


#86
 p-Isopropyltoluene
 Concen: 20.309 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012728.D
 Acq: 27 Feb 2023 11:39



Tgt Ion:119 Resp: 108598
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 23.2 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 20.785 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

Tgt Ion:146 Resp: 5835

Ion Ratio Lower Upper

146 100

111 37.7 19.6 58.7

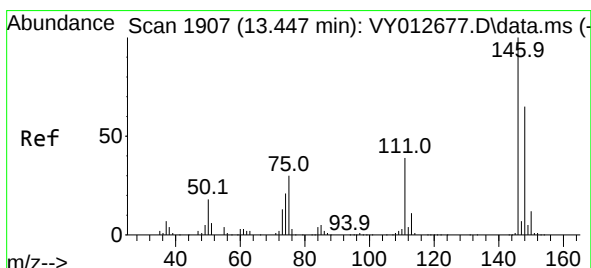
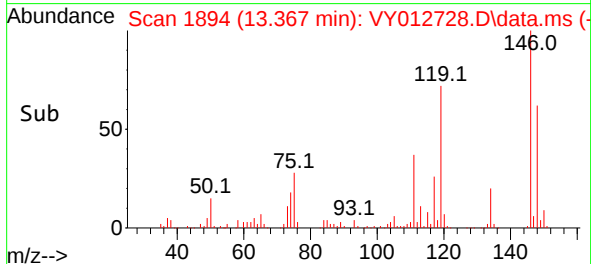
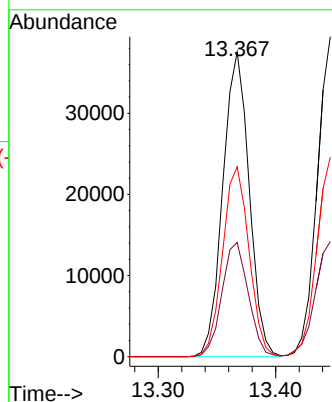
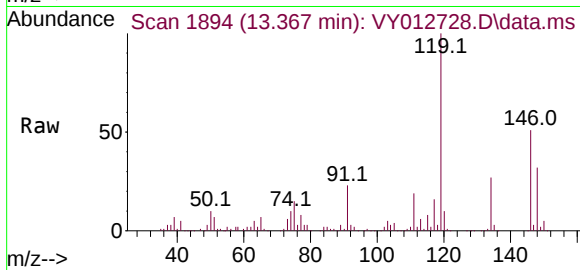
148 62.6 31.3 93.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#88

1,4-Dichlorobenzene

Concen: 20.378 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

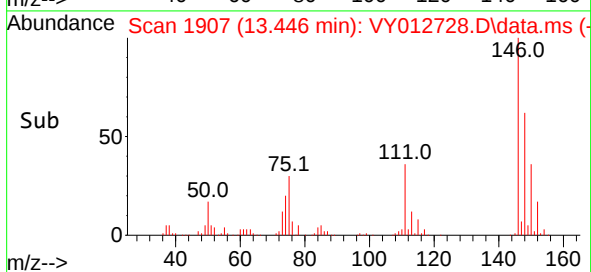
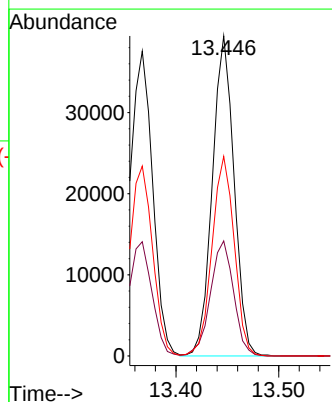
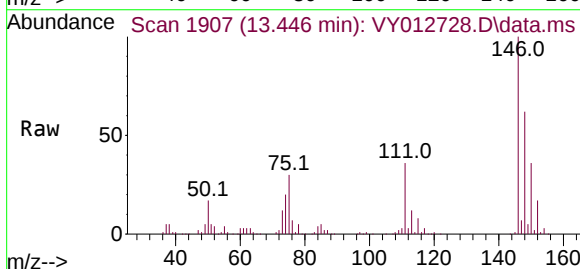
Tgt Ion:146 Resp: 58023

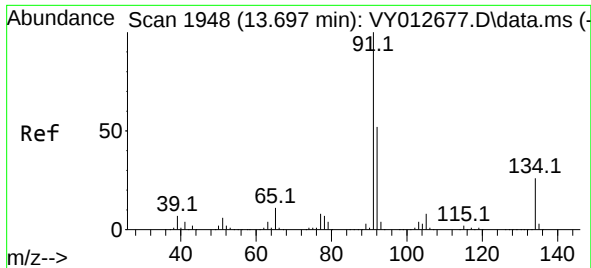
Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.3

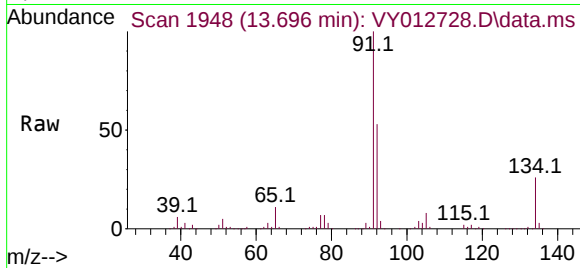
148 63.9 32.0 96.0





#89
n-Butylbenzene
Concen: 19.843 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

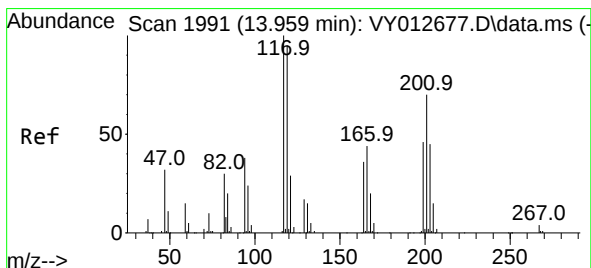
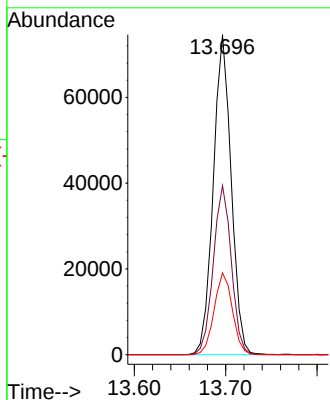
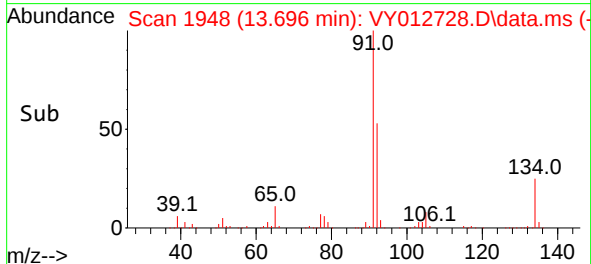
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



Tgt Ion: 91 Resp: 101620
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.8
134 26.1 13.0 38.9

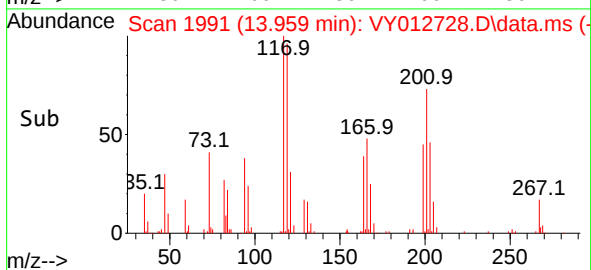
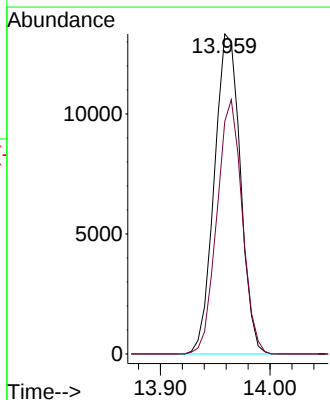
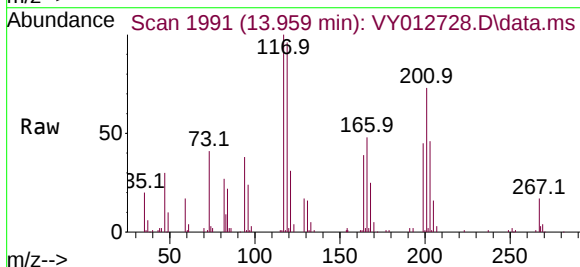
Manual Integrations
APPROVED

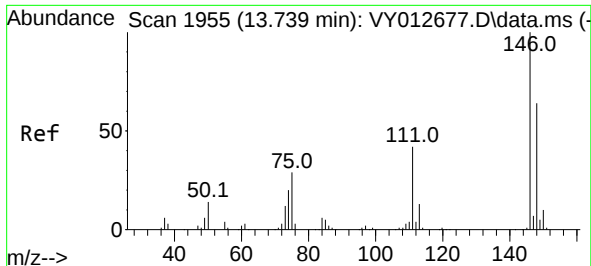
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023



#90
Hexachloroethane
Concen: 20.287 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

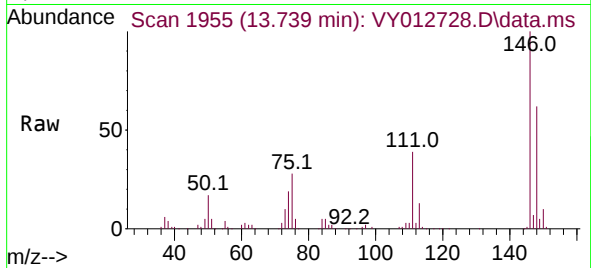
Tgt Ion:117 Resp: 22015
Ion Ratio Lower Upper
117 100
201 76.8 38.3 114.8





#91
1,2-Dichlorobenzene
Concen: 20.808 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

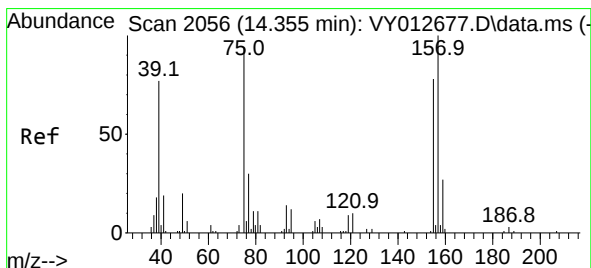
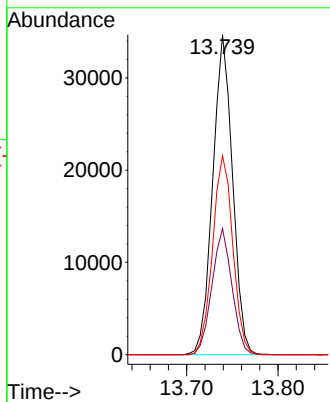
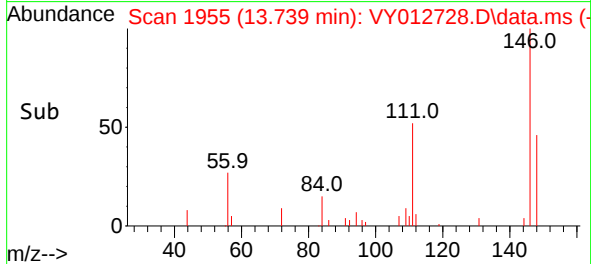
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



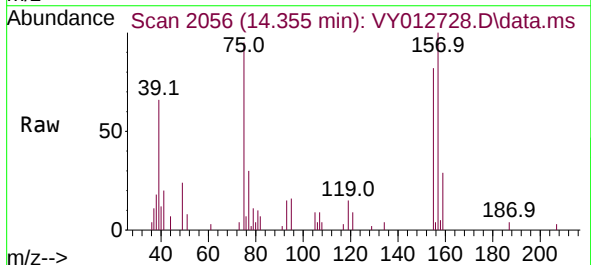
Tgt Ion:146 Resp: 52178
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 63.6 31.9 95.7

Manual Integrations
APPROVED

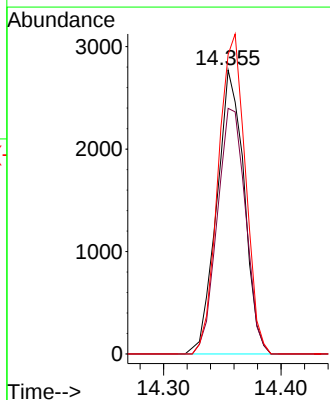
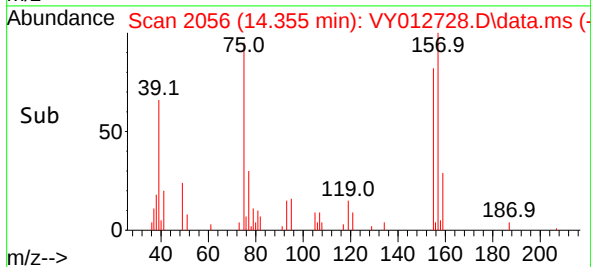
Reviewed By :John Carlone 02/28/2023
Supervised By :Mahesh Dadoda 02/28/2023

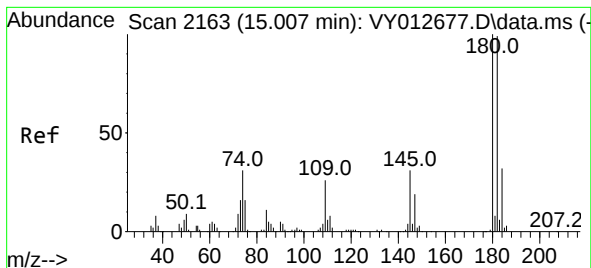


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.206 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion: 75 Resp: 4468
Ion Ratio Lower Upper
75 100
155 89.5 43.6 130.8
157 112.1 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 19.288 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0227SBS01

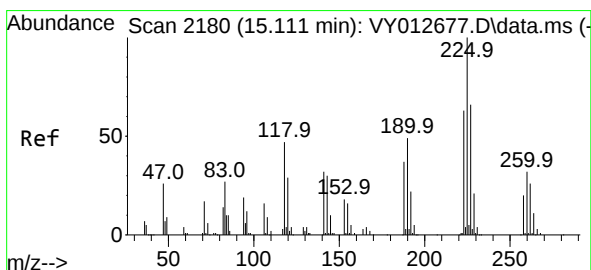
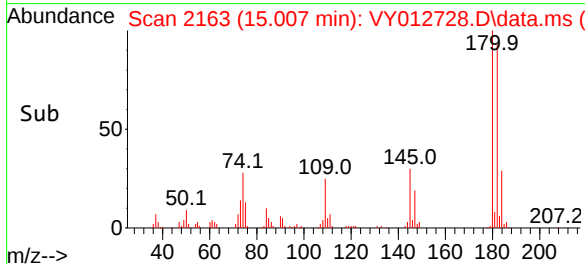
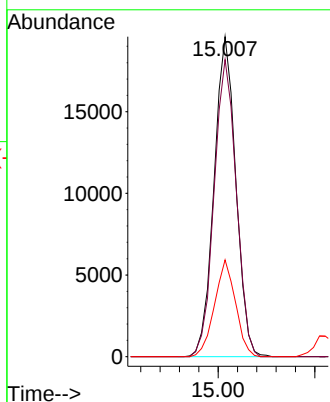
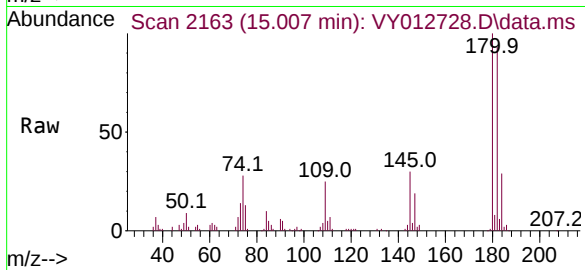
Tgt Ion:180	Resp:	30590
Ion Ratio	Lower	Upper
180	100	
182	94.5	48.0 144.2
145	29.2	15.0 45.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/28/2023

Supervised By :Mahesh Dadoda 02/28/2023



#94

Hexachlorobutadiene

Concen: 19.815 ug/l

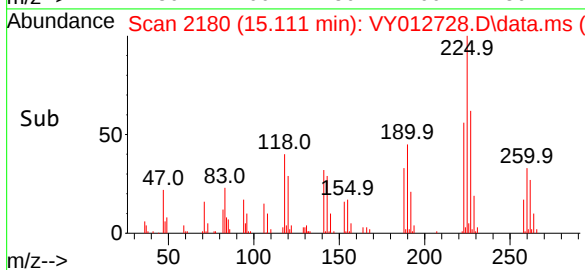
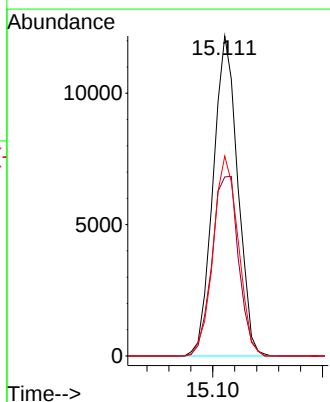
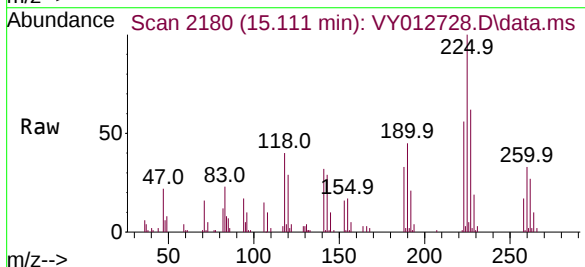
RT: 15.111 min Scan# 2180

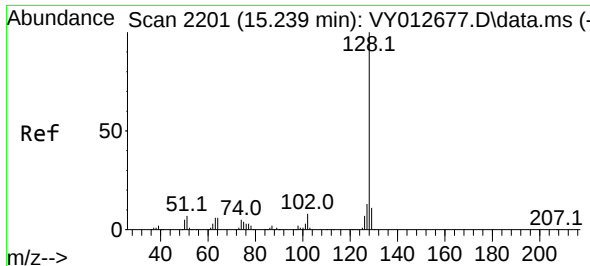
Delta R.T. -0.000 min

Lab File: VY012728.D

Acq: 27 Feb 2023 11:39

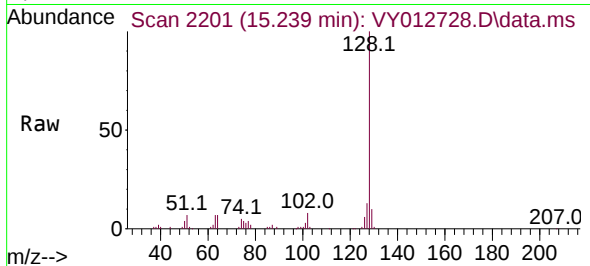
Tgt Ion:225	Resp:	18966
Ion Ratio	Lower	Upper
225	100	
223	60.8	31.7 95.1
227	63.5	32.3 96.8





#95
Naphthalene
Concen: 18.373 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39

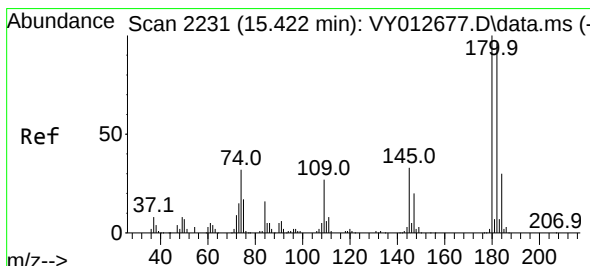
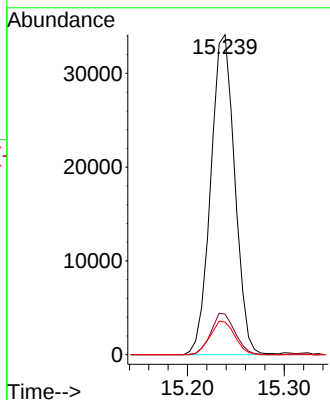
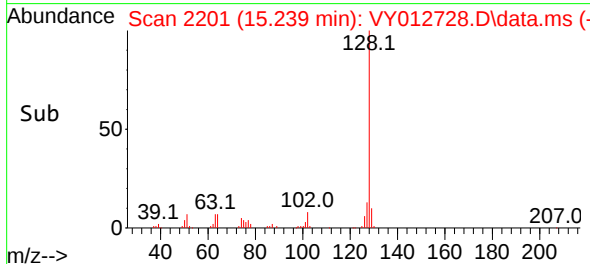
Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01



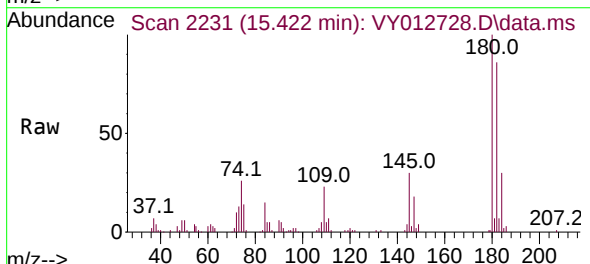
Tgt Ion:128 Resp: 58879
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 9.0 13.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.269 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY012728.D
Acq: 27 Feb 2023 11:39



Tgt Ion:180 Resp: 27050
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.6
145 31.4 16.1 48.2

