

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013150.D
 Acq On : 30 Mar 2023 14:49
 Operator : KP/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Quant Time: Mar 31 05:44:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	181639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93023	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	71535	50.317	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.716	113	65940	50.313	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.179	98	251425	50.817	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.483	95	84238	52.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	26303	20.282	ug/l	99
3) Chloromethane	2.113	50	25915	19.162	ug/l	97
4) Vinyl Chloride	2.253	62	25518	18.820	ug/l	100
5) Bromomethane	2.644	94	18961	19.815	ug/l	94
6) Chloroethane	2.790	64	16322	19.217	ug/l	99
7) Trichlorofluoromethane	3.125	101	48939	20.280	ug/l	99
8) Diethyl Ether	3.528	74	15279	20.163	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	26036	19.569	ug/l	97
10) Methyl Iodide	4.088	142	32877	18.977	ug/l	99
11) Tert butyl alcohol	4.942	59	14523	113.340	ug/l #	83
12) 1,1-Dichloroethene	3.869	96	25447	19.786	ug/l	98
13) Acrolein	3.729	56	18087	100.585	ug/l	97
14) Allyl chloride	4.479	41	41888	19.115	ug/l	94
15) Acrylonitrile	5.161	53	38984	103.528	ug/l	99
16) Acetone	3.942	43	39280	90.354	ug/l	98
17) Carbon Disulfide	4.192	76	84586	19.749	ug/l	100
18) Methyl Acetate	4.473	43	27732	20.245	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	67715	20.778	ug/l	98
20) Methylene Chloride	4.716	84	36431	21.180	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	29215	20.161	ug/l	93
22) Diisopropyl ether	6.119	45	88797	20.740	ug/l	97
23) Vinyl Acetate	6.058	43	253496	104.119	ug/l	97
24) 1,1-Dichloroethane	6.009	63	50723	20.004	ug/l	98
25) 2-Butanone	6.984	43	53481	98.384	ug/l	99
26) 2,2-Dichloropropane	6.978	77	46672	20.464	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	31998	20.496	ug/l	99
28) Bromochloromethane	7.332	49	21720	19.963	ug/l	92
29) Tetrahydrofuran	7.344	42	34028	105.747	ug/l	99
30) Chloroform	7.502	83	52287	19.913	ug/l	96
31) Cyclohexane	7.789	56	46064	19.847	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	47107	20.291	ug/l	98
36) 1,1-Dichloropropene	7.911	75	39862	20.204	ug/l	99
37) Ethyl Acetate	7.076	43	23565	21.025	ug/l	98
38) Carbon Tetrachloride	7.899	117	43982	20.203	ug/l	98
39) Methylcyclohexane	9.179	83	46814	20.225	ug/l	99
40) Benzene	8.161	78	117082	20.546	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	32152	64.664	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35952	20.592	ug/l	99
43) Isopropyl Acetate	8.271	43	42359	21.114	ug/l	99
44) Trichloroethene	8.941	130	31302	19.954	ug/l	100
45) 1,2-Dichloropropane	9.216	63	29191	20.457	ug/l	95
46) Dibromomethane	9.307	93	17030	20.775	ug/l	97
47) Bromodichloromethane	9.496	83	40301	20.375	ug/l	96
48) Methyl methacrylate	9.289	41	18857	20.182	ug/l	94
49) 1,4-Dioxane	9.289	88	4252	436.013	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	114067	105.352	ug/l	99
52) Toluene	10.240	92	72359	20.470	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	41639	20.596	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	46615	20.189	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	23288	20.552	ug/l	97
56) Ethyl methacrylate	10.508	69	29940	21.015	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39419	20.607	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	73006	109.594	ug/l	99
59) 2-Hexanone	10.831	43	82722	105.640	ug/l	100
60) Dibromochloromethane	10.984	129	29039	20.404	ug/l	99
61) 1,2-Dibromoethane	11.087	107	22411	20.413	ug/l	97
64) Tetrachloroethene	10.715	164	28341	20.296	ug/l	98
65) Chlorobenzene	11.514	112	77492	20.096	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	29381	20.324	ug/l	99
67) Ethyl Benzene	11.593	91	134239	20.156	ug/l	99
68) m/p-Xylenes	11.703	106	106798	41.454	ug/l	100
69) o-Xylene	12.026	106	50463	21.117	ug/l	94
70) Styrene	12.044	104	83735	20.947	ug/l	99
71) Bromoform	12.209	173	18599	20.748	ug/l #	98
73) Isopropylbenzene	12.331	105	129963	20.240	ug/l	99
74) N-amyl acetate	12.142	43	36456	20.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	27304	20.300	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	36108	34.553	ug/l #	100
77) Bromobenzene	12.605	156	32802	20.547	ug/l	94
78) n-propylbenzene	12.672	91	161316	20.432	ug/l	100
79) 2-Chlorotoluene	12.758	91	91845	20.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	110515	20.586	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9780	20.871	ug/l	99
82) 4-Chlorotoluene	12.855	91	95644	20.513	ug/l	99
83) tert-Butylbenzene	13.075	119	95054	20.614	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	109574	20.842	ug/l	99
85) sec-Butylbenzene	13.251	105	143743	20.646	ug/l	100
86) p-Isopropyltoluene	13.367	119	118618	20.695	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64191	20.284	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	63949	20.166	ug/l	98
89) n-Butylbenzene	13.696	91	109360	20.410	ug/l	100
90) Hexachloroethane	13.959	117	23883	20.002	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	57775	20.442	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4571	20.423	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	34237	20.773	ug/l	98
94) Hexachlorobutadiene	15.111	225	21112	20.828	ug/l	99
95) Naphthalene	15.233	128	62453	19.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30066	20.705	ug/l	99

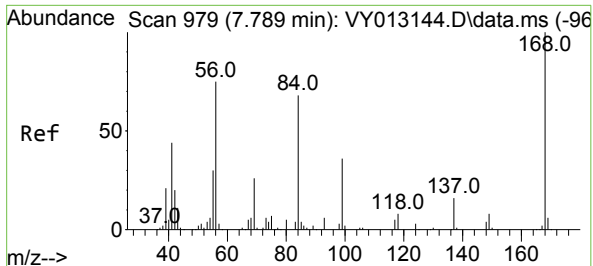
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
Data File : VY013150.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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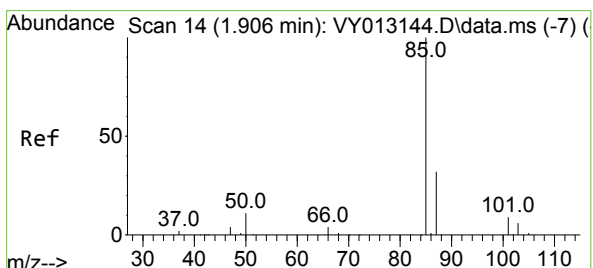
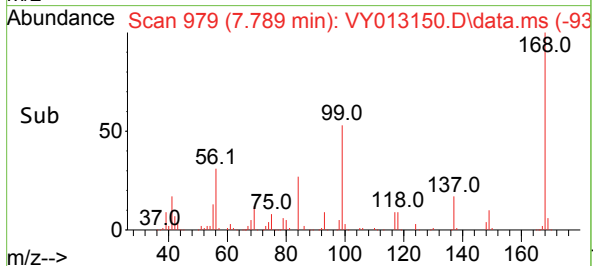
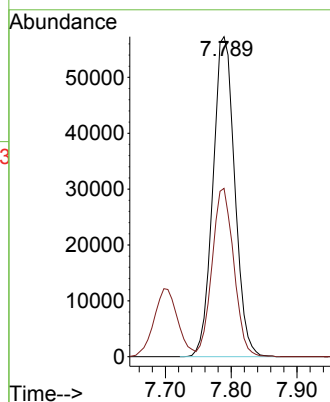
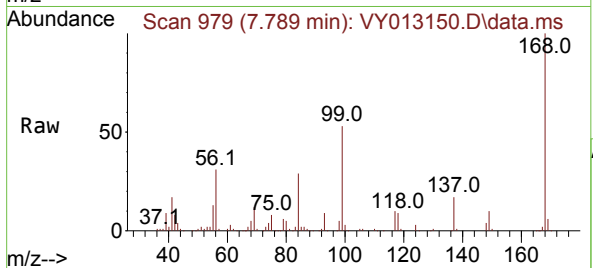
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013150.D
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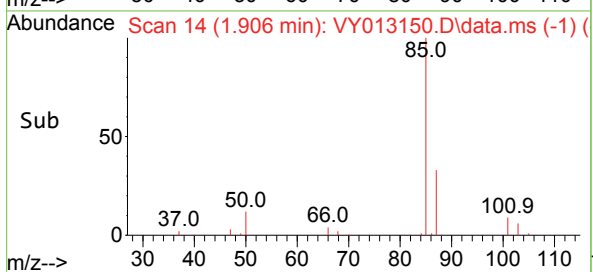
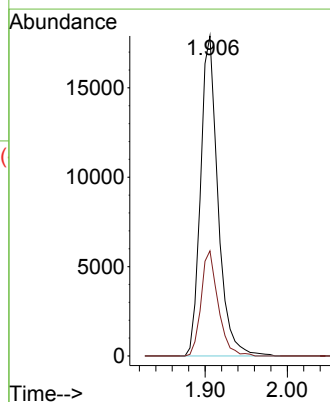
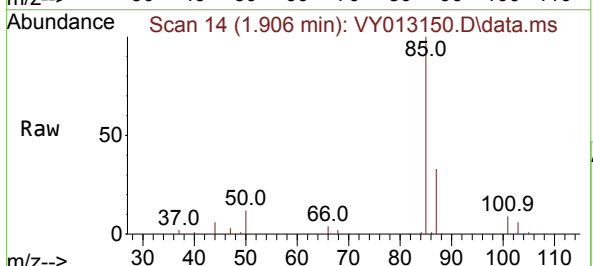
Instrument :
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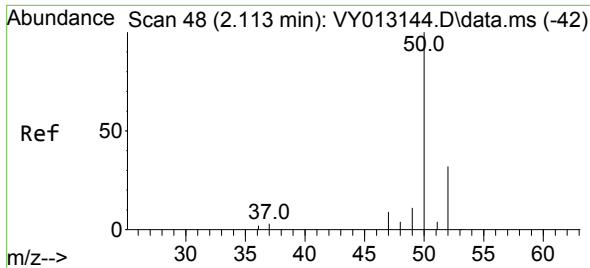
Tgt Ion:168 Resp: 132290
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.282 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 85 Resp: 26303
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.0

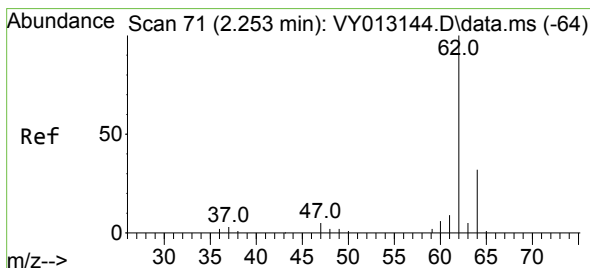
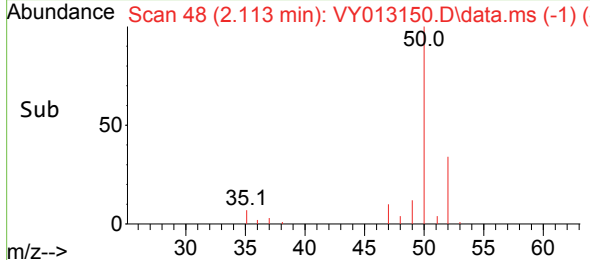
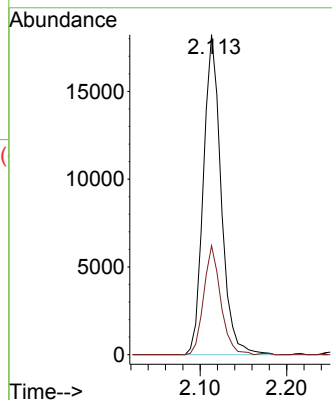
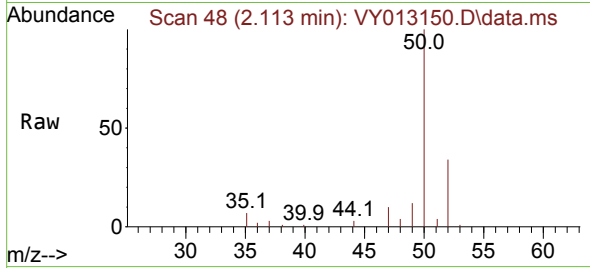




#3
Chloromethane
Concen: 19.162 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

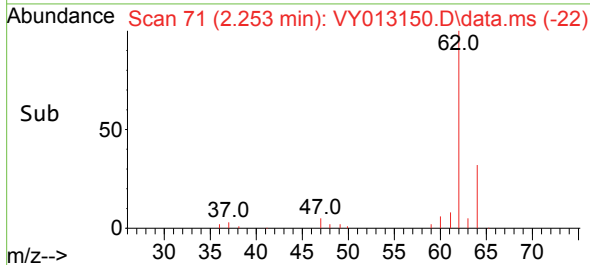
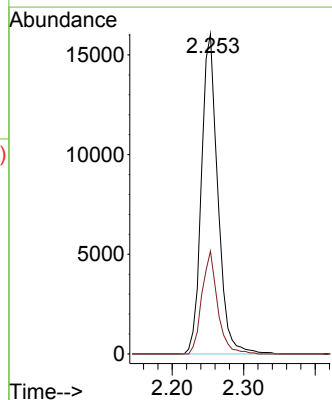
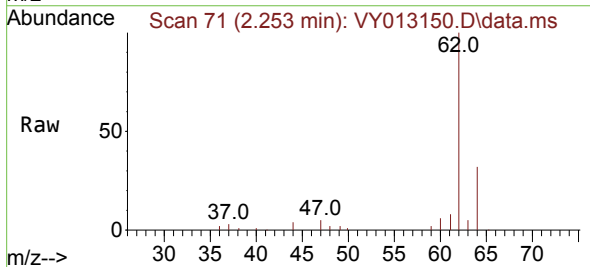
Instrument :
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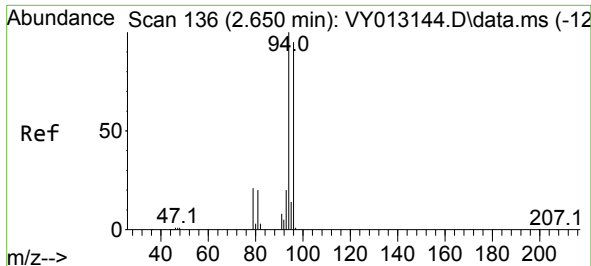
Tgt Ion: 50 Resp: 25915
Ion Ratio Lower Upper
50 100
52 34.1 26.0 39.0



#4
Vinyl Chloride
Concen: 18.820 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 62 Resp: 25518
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4

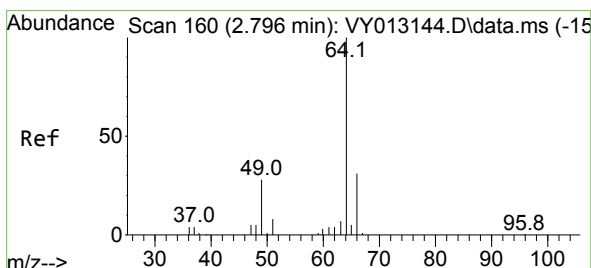
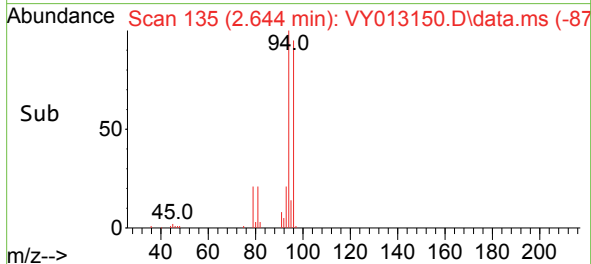
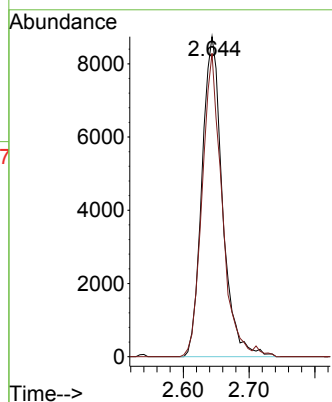
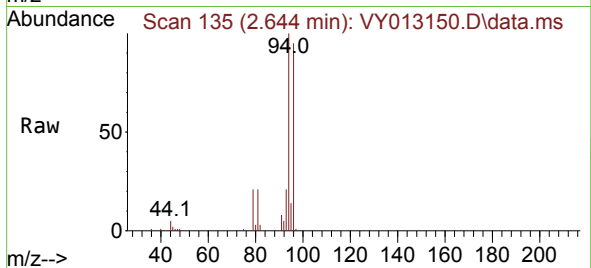




#5
Bromomethane
Concen: 19.815 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

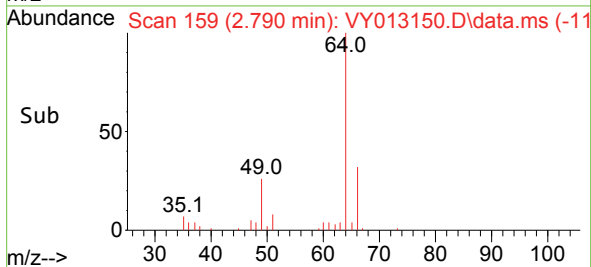
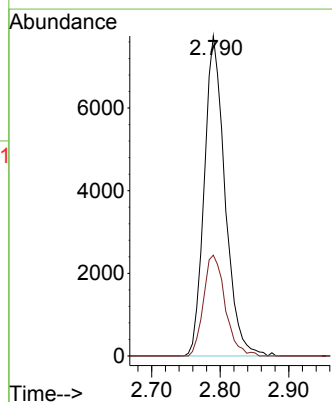
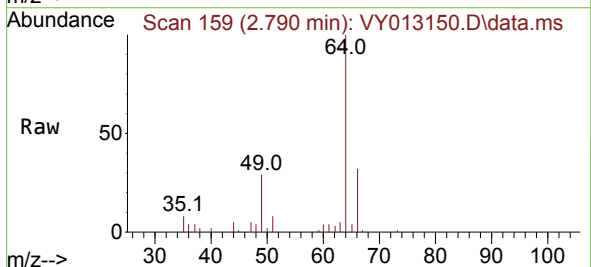
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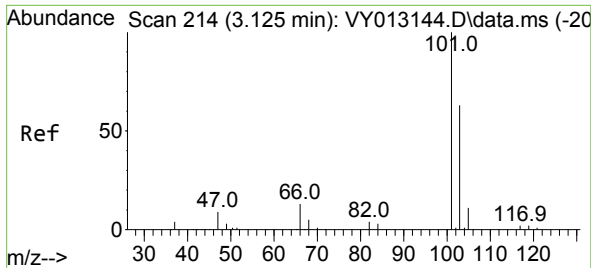
Tgt Ion: 94 Resp: 18961
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 19.217 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 64 Resp: 16322
Ion Ratio Lower Upper
64 100
66 31.5 25.7 38.5

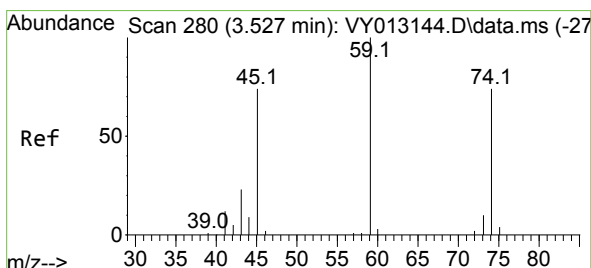
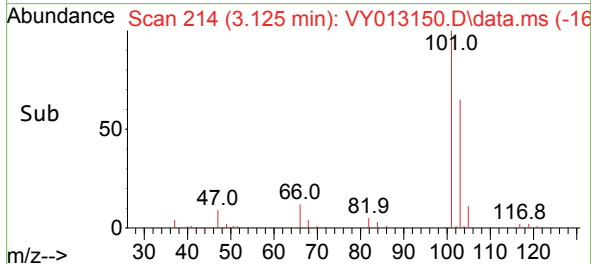
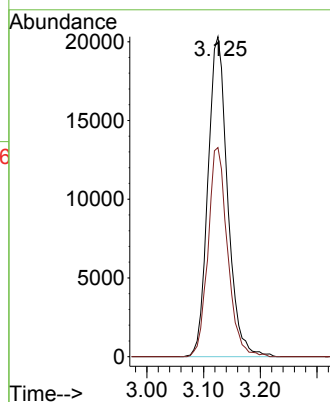
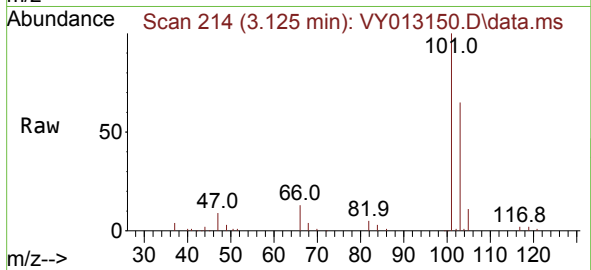




#7
 Trichlorofluoromethane
 Concen: 20.280 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

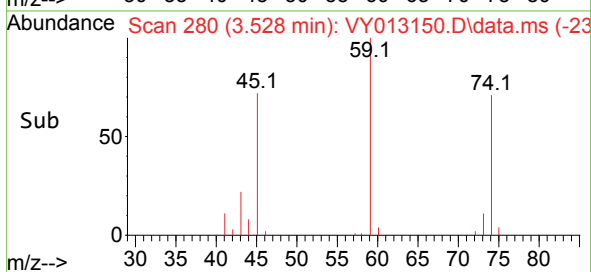
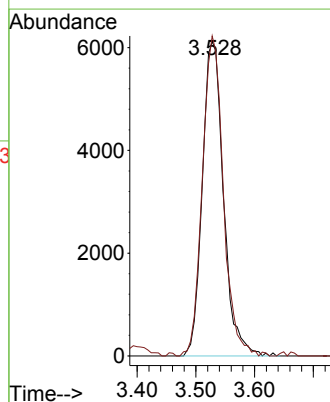
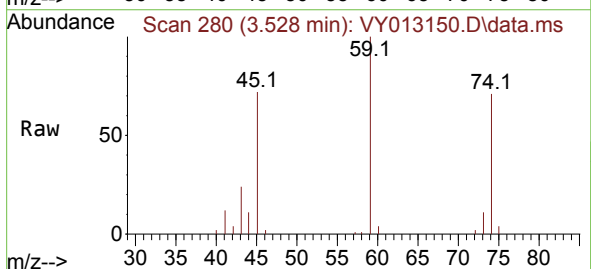
Instrument :
 MSVOA_Y
 ClientSampleId :
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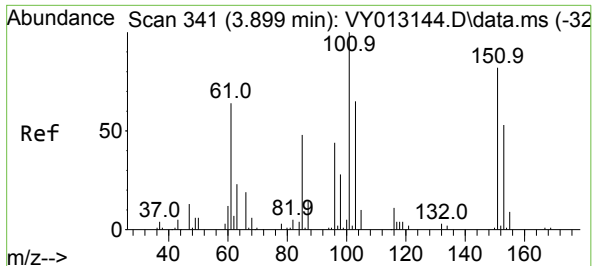
Tgt Ion:101 Resp: 48939
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.163 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

Tgt Ion: 74 Resp: 15279
 Ion Ratio Lower Upper
 74 100
 45 100.8 52.1 156.4

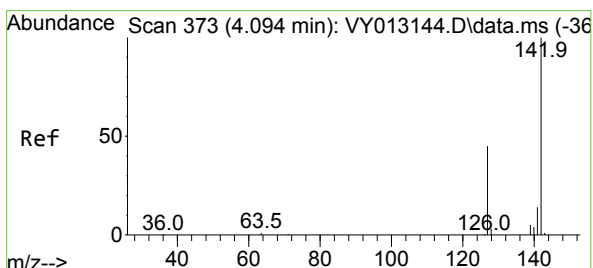
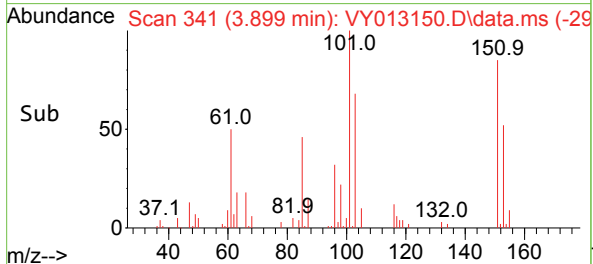
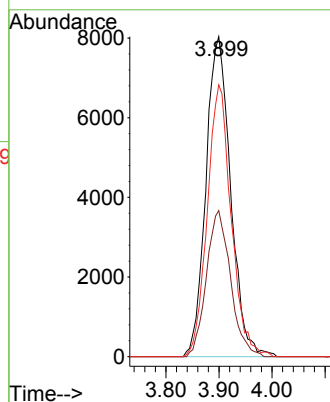
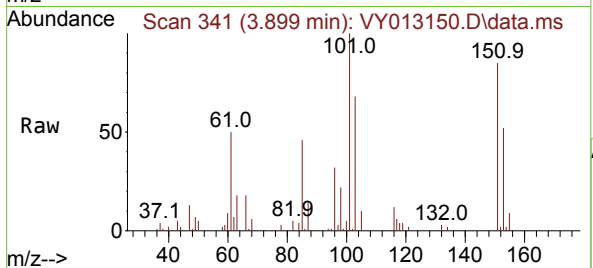




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.569 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013150.D
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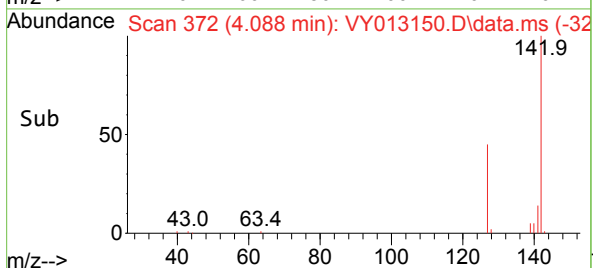
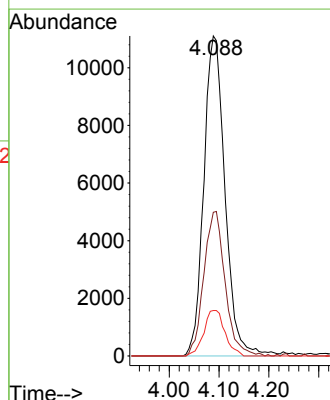
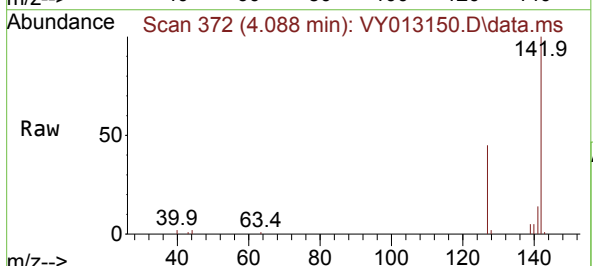
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

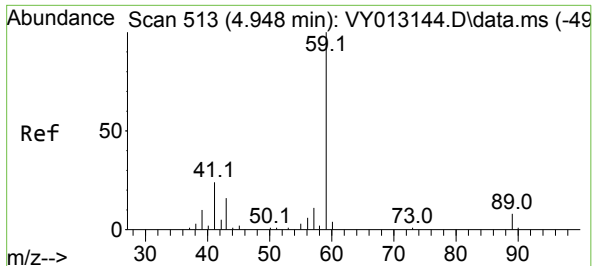
Tgt Ion:101 Resp: 26036
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 82.1 63.1 94.7



#10
Methyl Iodide
Concen: 18.977 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion:142 Resp: 32877
Ion Ratio Lower Upper
142 100
127 45.3 35.4 53.2
141 14.1 11.3 16.9

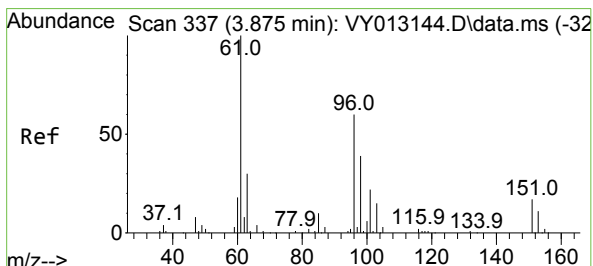
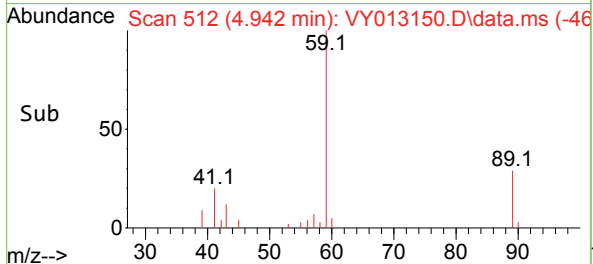
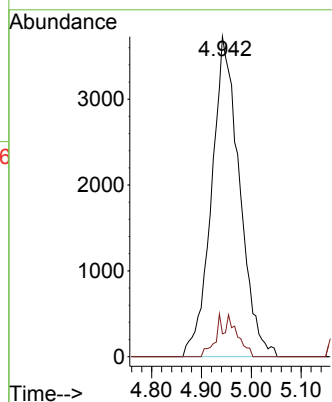
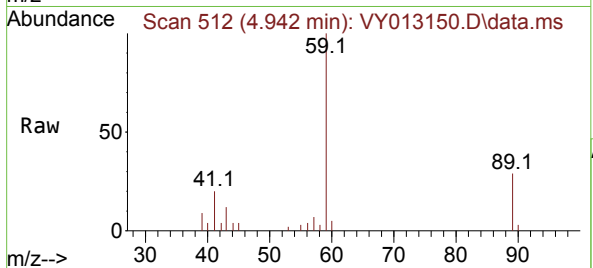




#11
Tert butyl alcohol
Concen: 113.340 ug/l
RT: 4.942 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

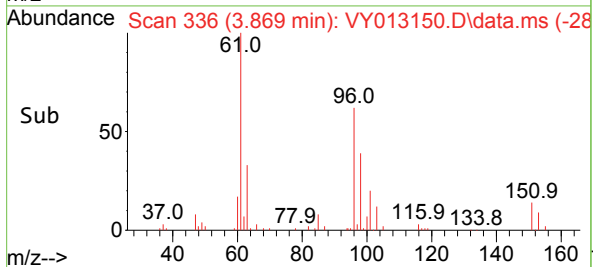
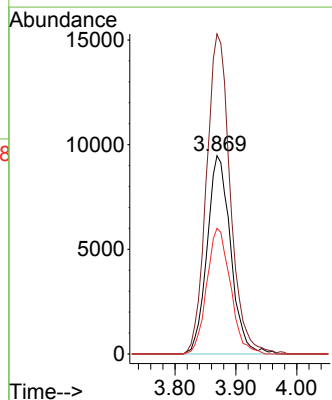
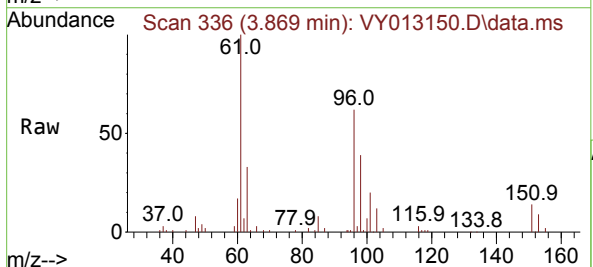
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

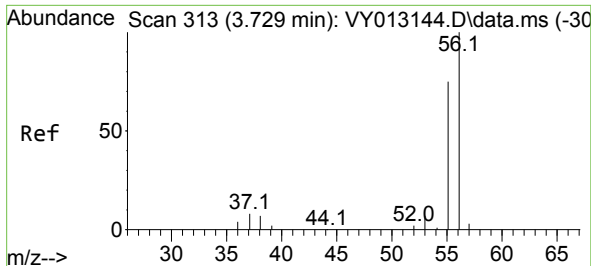
Tgt Ion: 59 Resp: 14523
Ion Ratio Lower Upper
59 100
57 3.5 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 19.786 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

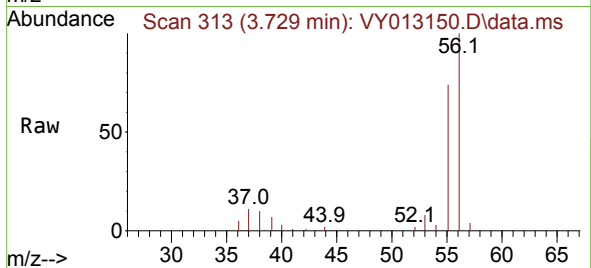
Tgt Ion: 96 Resp: 25447
Ion Ratio Lower Upper
96 100
61 161.4 131.7 197.5
98 63.3 52.0 78.0



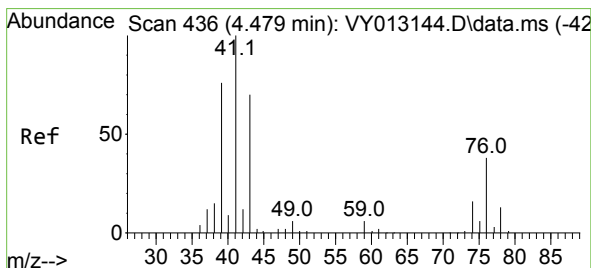
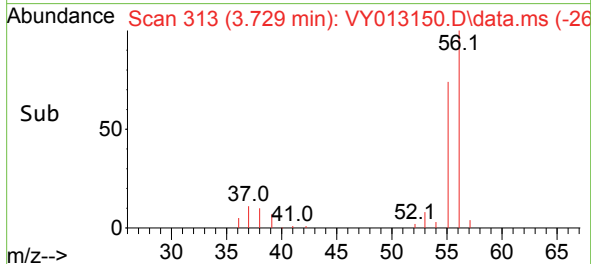
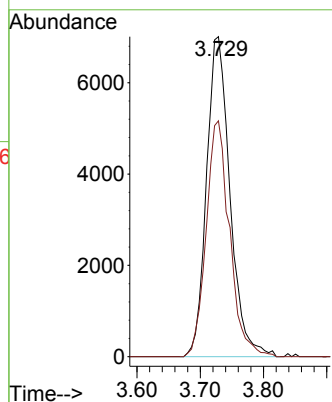


#13
Acrolein
Concen: 100.585 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

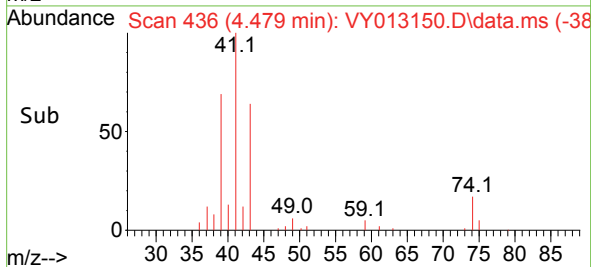
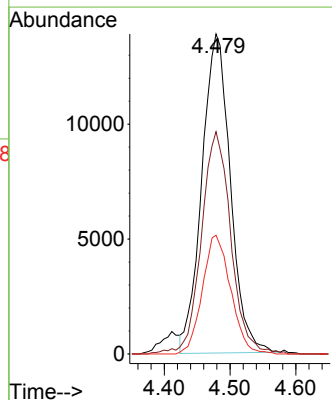
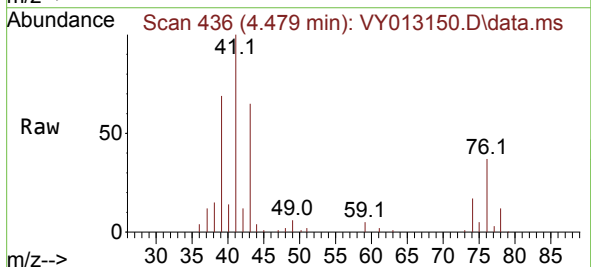


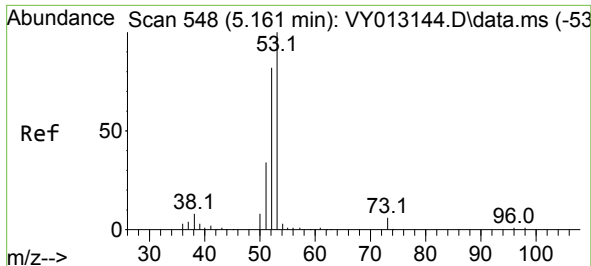
Tgt Ion: 56 Resp: 18087
Ion Ratio Lower Upper
56 100
55 73.6 56.8 85.2



#14
Allyl chloride
Concen: 19.115 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 41 Resp: 41888
Ion Ratio Lower Upper
41 100
39 71.9 53.6 80.4
76 36.9 27.2 40.8

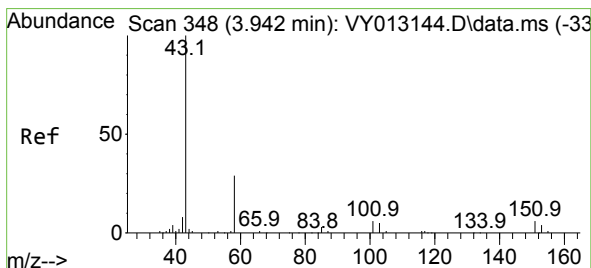
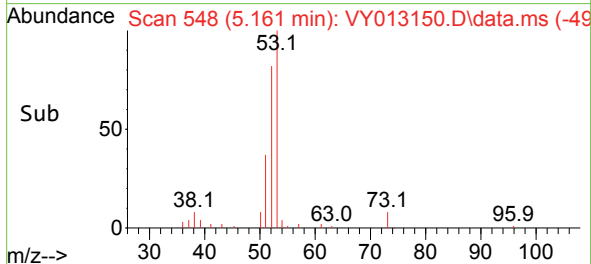
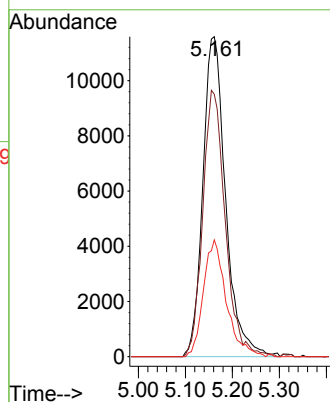
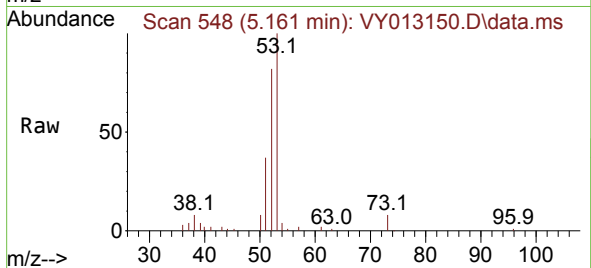




#15
Acrylonitrile
Concen: 103.528 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

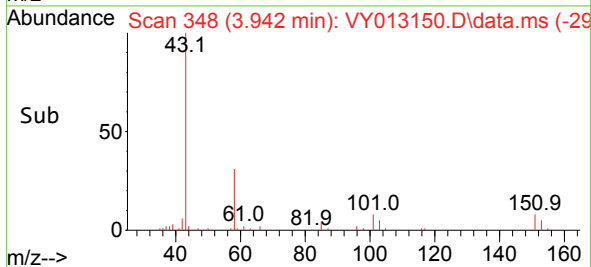
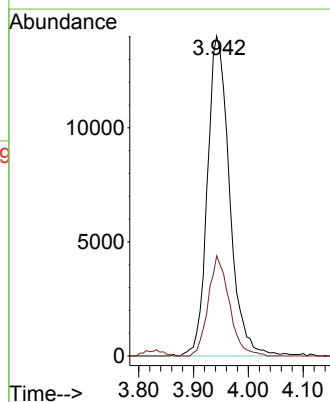
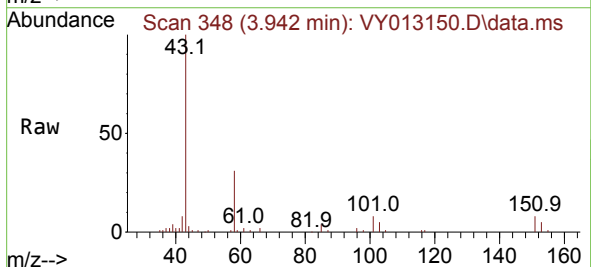
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

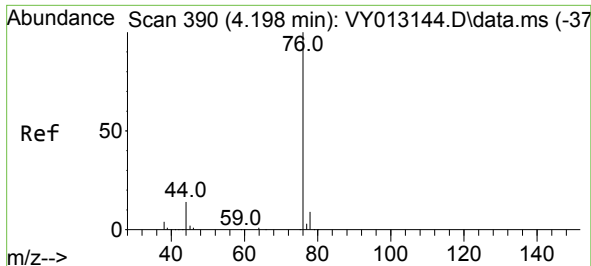
Tgt Ion:	53	Resp:	38984
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.3	99.5
51	36.7	28.8	43.2



#16
Acetone
Concen: 90.354 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion:	43	Resp:	39280
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.2	36.2

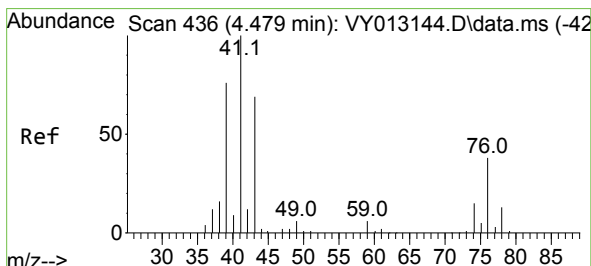
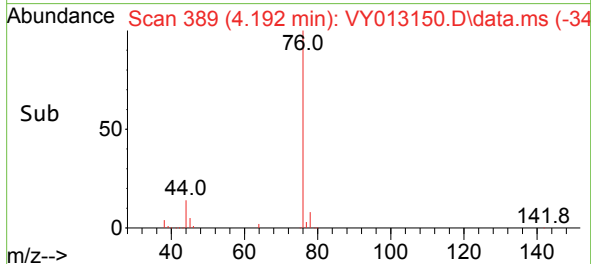
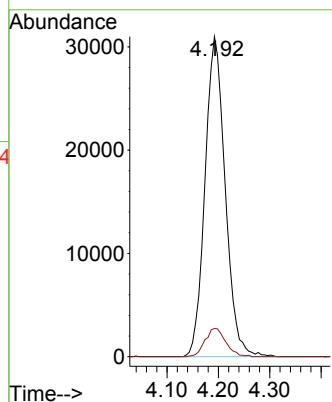
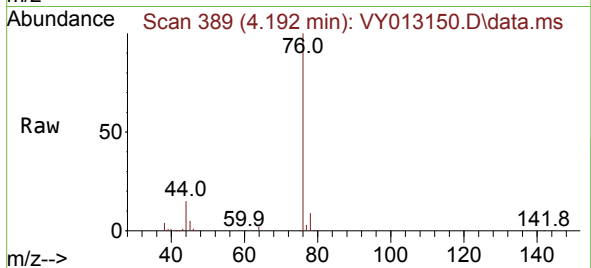




#17
Carbon Disulfide
Concen: 19.749 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

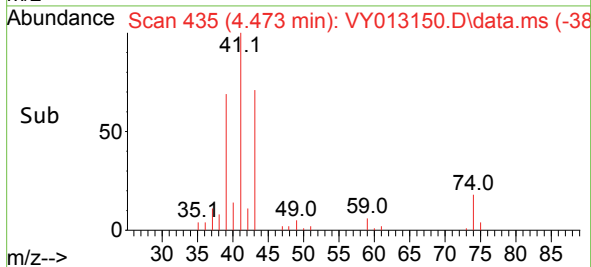
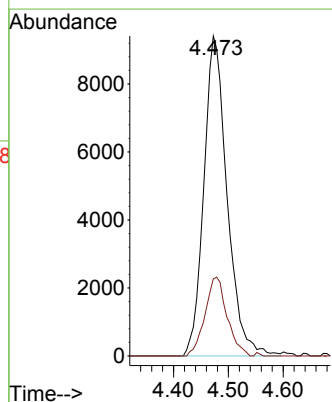
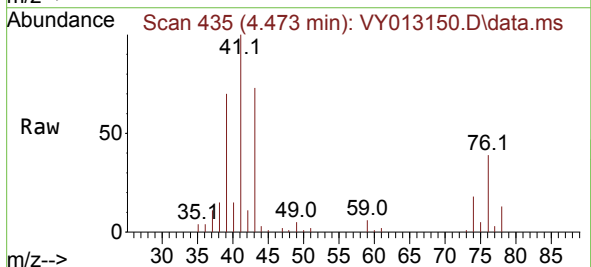
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

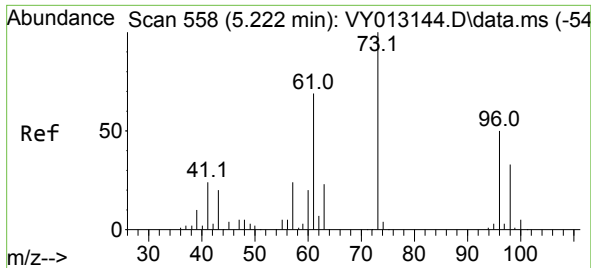
Tgt Ion: 76 Resp: 84586
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 20.245 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 43 Resp: 27732
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0

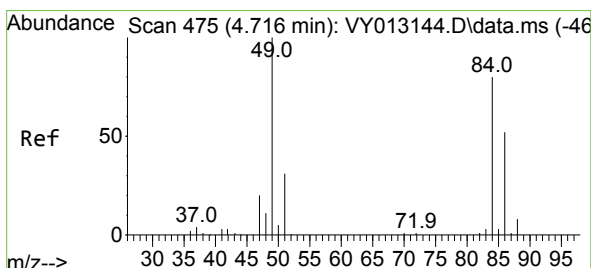
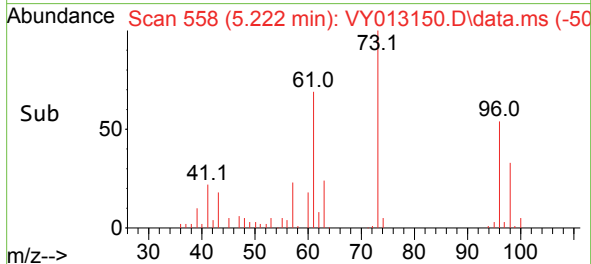
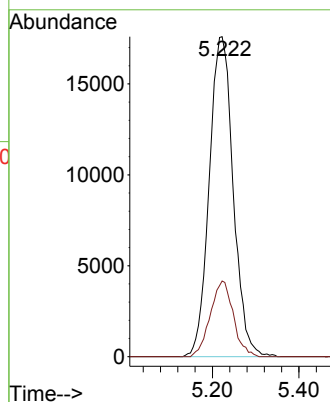
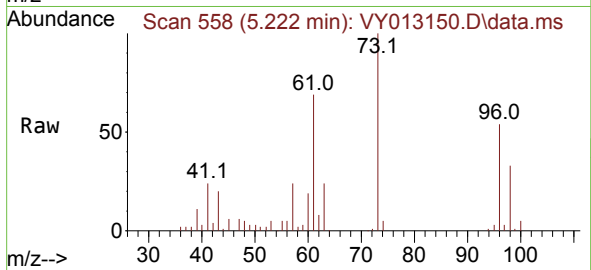




#19
Methyl tert-butyl Ether
Concen: 20.778 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

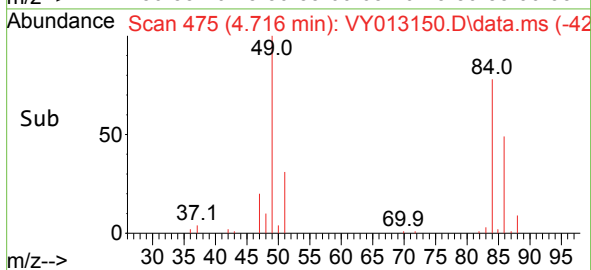
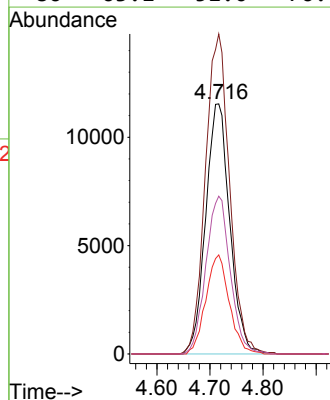
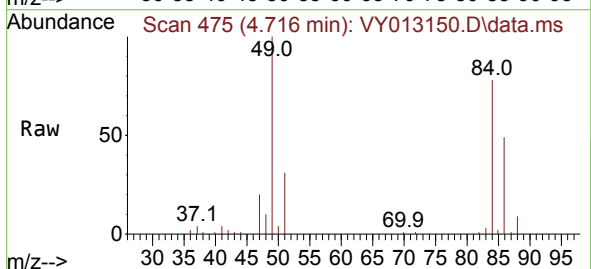
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

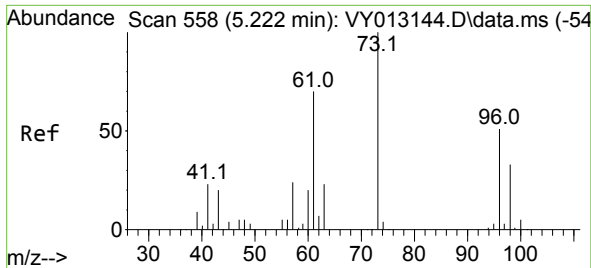
Tgt Ion: 73 Resp: 67715
Ion Ratio Lower Upper
73 100
57 23.7 18.3 27.5



#20
Methylene Chloride
Concen: 21.180 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 84 Resp: 36431
Ion Ratio Lower Upper
84 100
49 127.9 102.6 154.0
51 39.6 31.9 47.9
86 63.1 51.0 76.6

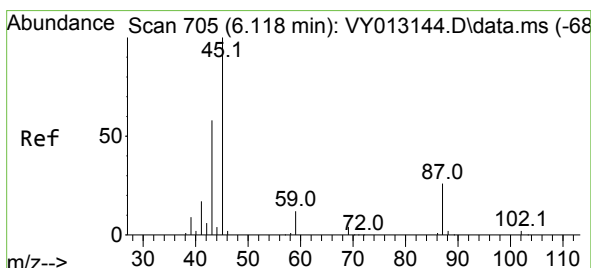
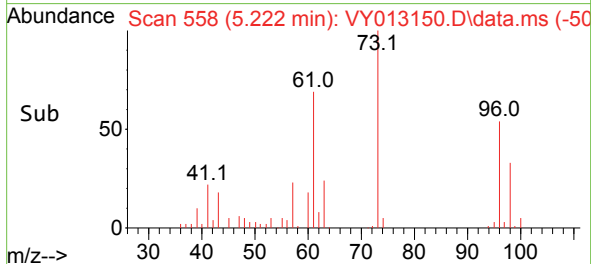
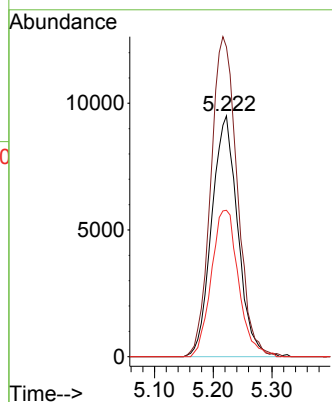
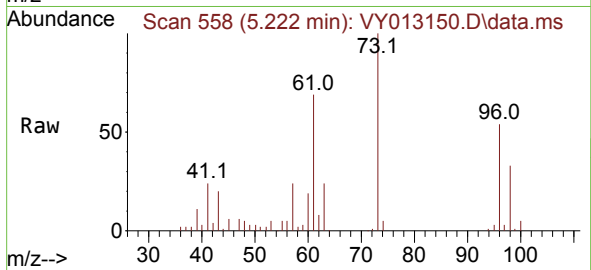




#21
trans-1,2-Dichloroethene
Concen: 20.161 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

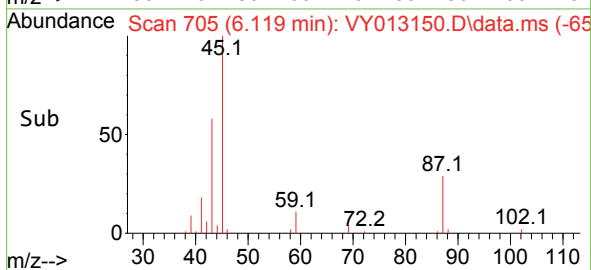
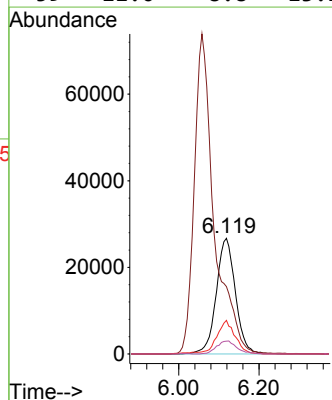
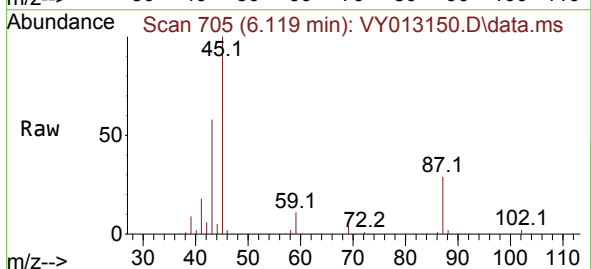
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

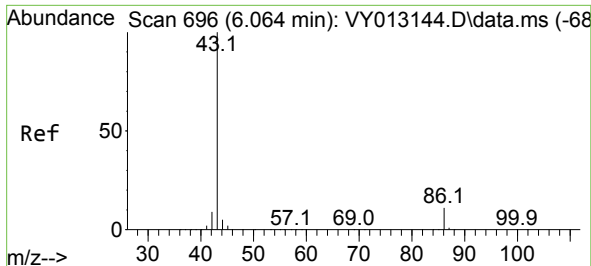
Tgt Ion: 96 Resp: 29215
Ion Ratio Lower Upper
96 100
61 128.6 111.4 167.0
98 60.8 50.8 76.2



#22
Diisopropyl ether
Concen: 20.740 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 45 Resp: 88797
Ion Ratio Lower Upper
45 100
43 57.5 45.0 67.6
87 29.1 20.3 30.5
59 11.0 8.8 13.2

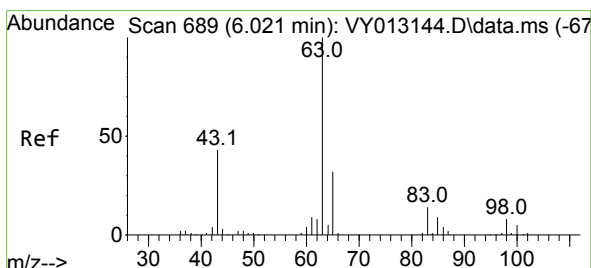
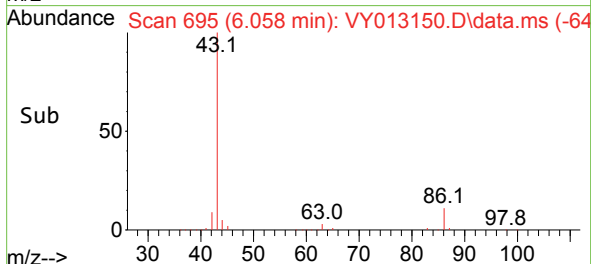
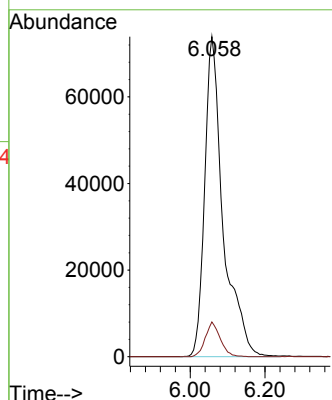
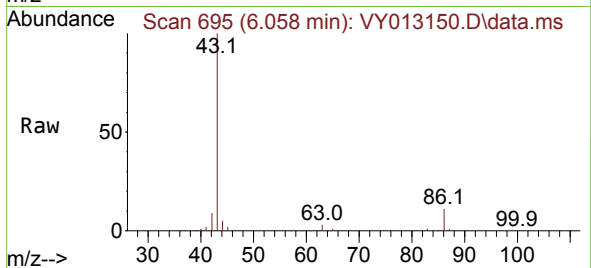




#23
 Vinyl Acetate
 Concen: 104.119 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

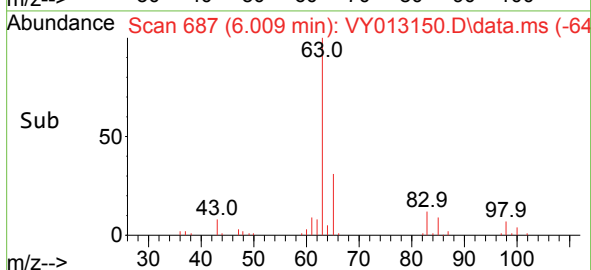
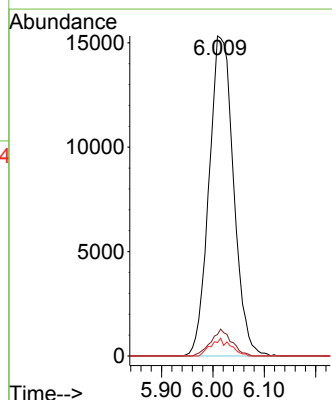
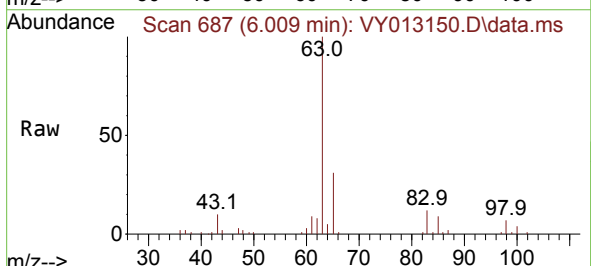
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

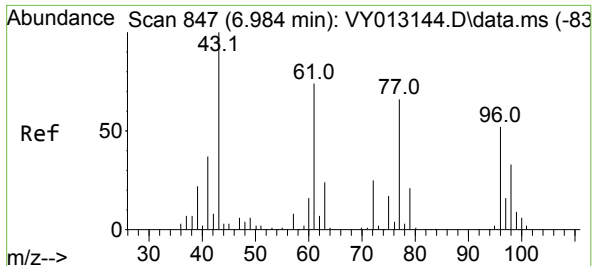
Tgt Ion: 43 Resp: 253496
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.004 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

Tgt Ion: 63 Resp: 50723
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.7 11.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 98.384 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

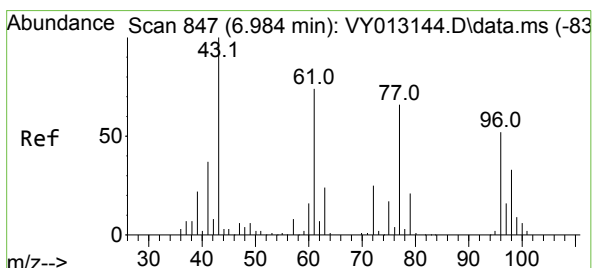
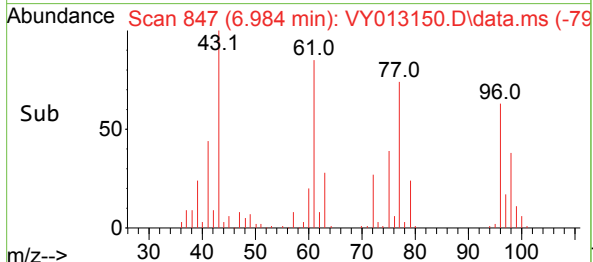
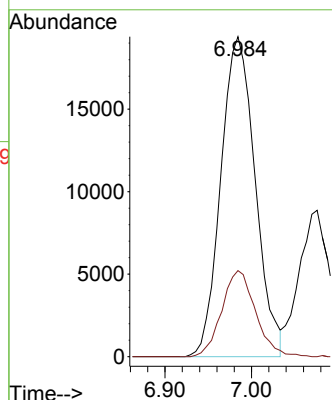
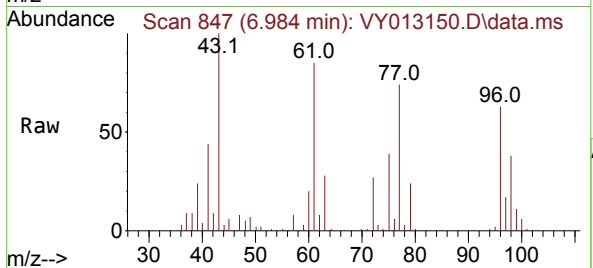
VY0330SBS01

Tgt Ion: 43 Resp: 53481

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 20.464 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013150.D

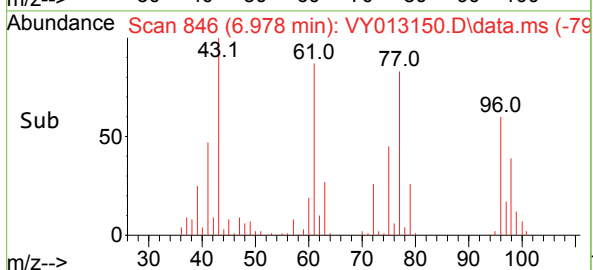
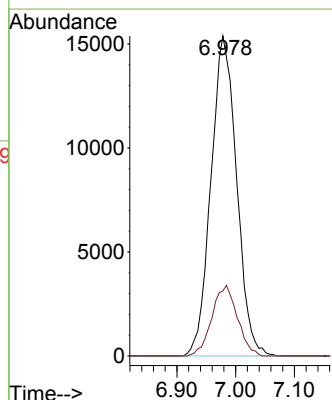
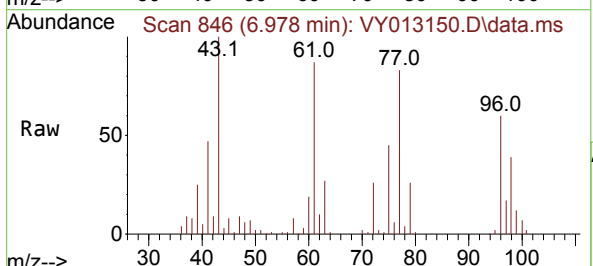
Acq: 30 Mar 2023 14:49

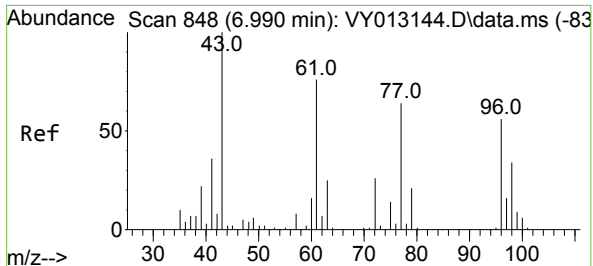
Tgt Ion: 77 Resp: 46672

Ion Ratio Lower Upper

77 100

97 21.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.496 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

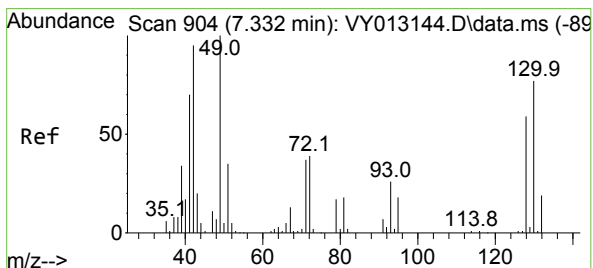
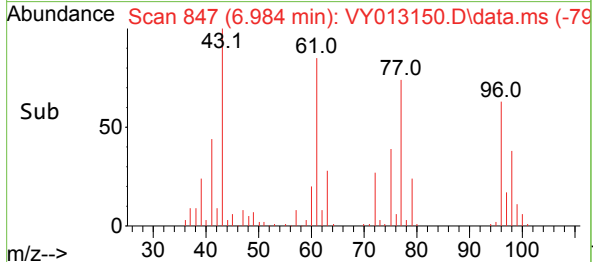
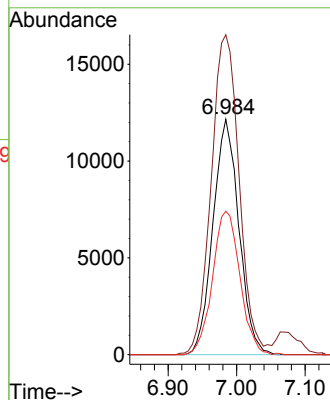
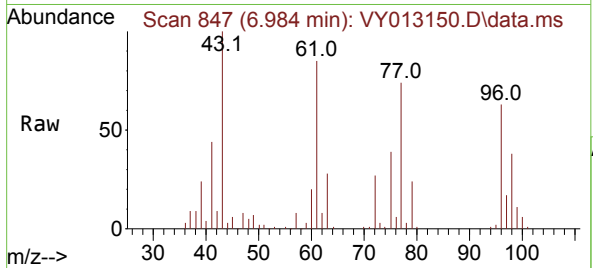
Tgt Ion: 96 Resp: 31998

Ion Ratio Lower Upper

96 100

61 146.9 0.0 295.8

98 64.3 0.0 130.2



#28

Bromochloromethane

Concen: 19.963 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

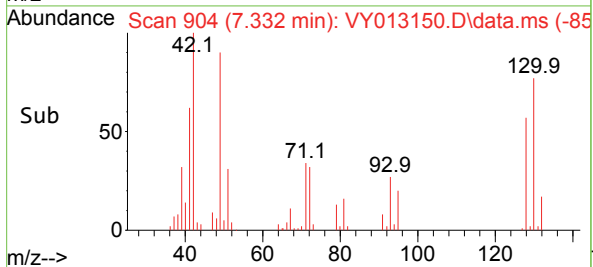
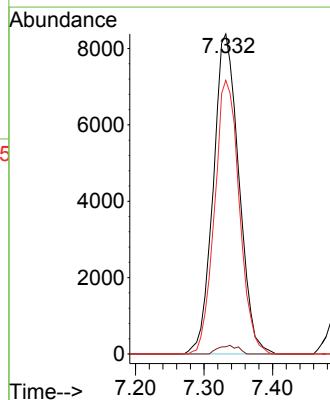
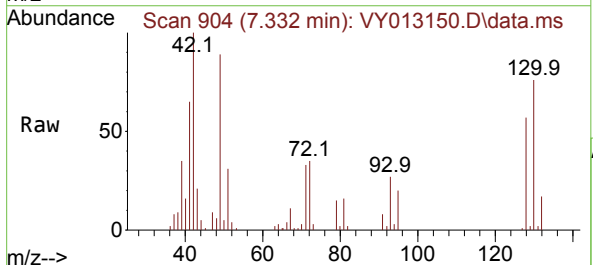
Tgt Ion: 49 Resp: 21720

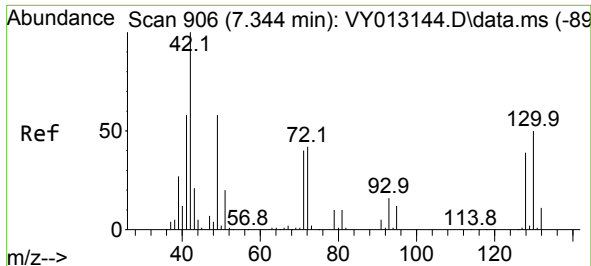
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 82.8 60.5 90.7





#29

Tetrahydrofuran

Concen: 105.747 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

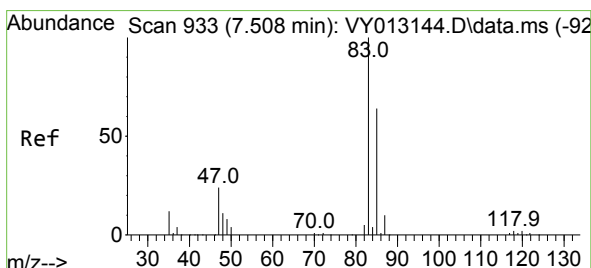
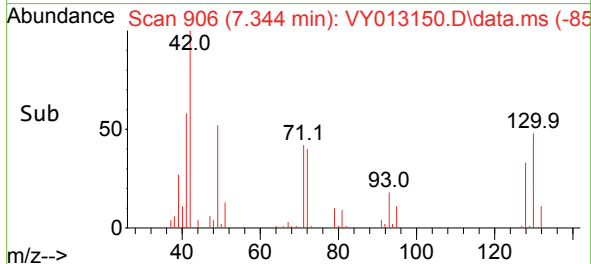
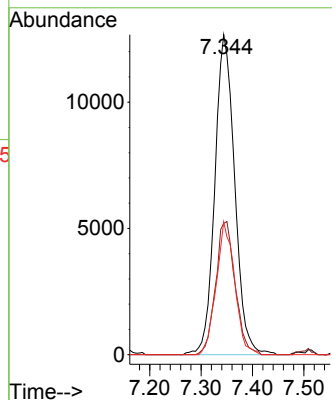
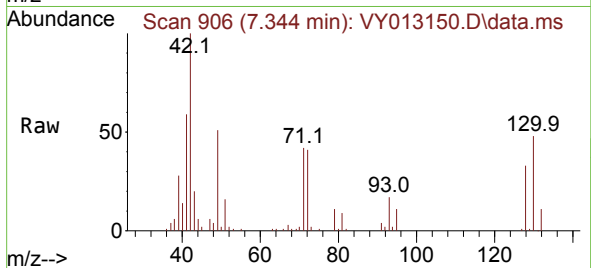
Tgt Ion: 42 Resp: 34028

Ion Ratio Lower Upper

42 100

72 40.9 32.3 48.5

71 38.6 30.3 45.5



#30

Chloroform

Concen: 19.913 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013150.D

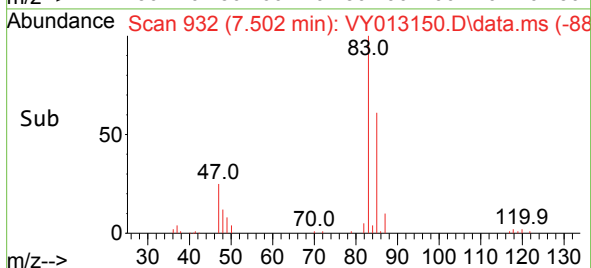
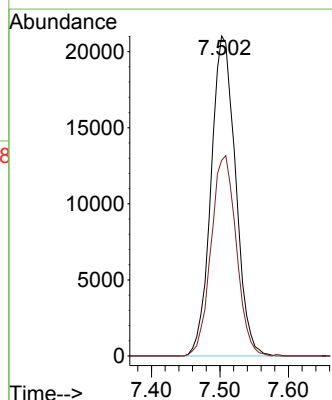
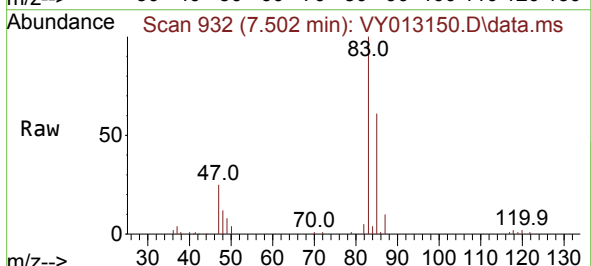
Acq: 30 Mar 2023 14:49

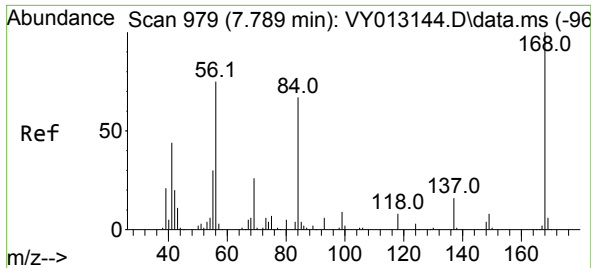
Tgt Ion: 83 Resp: 52287

Ion Ratio Lower Upper

83 100

85 61.2 51.4 77.0

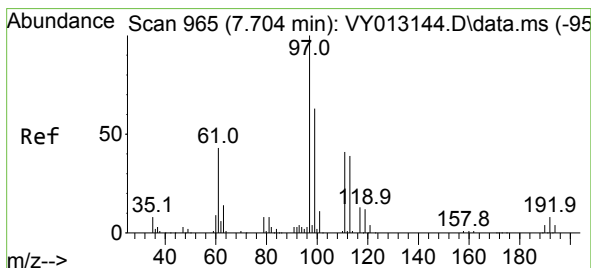
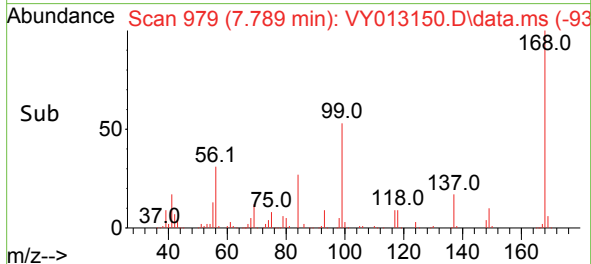
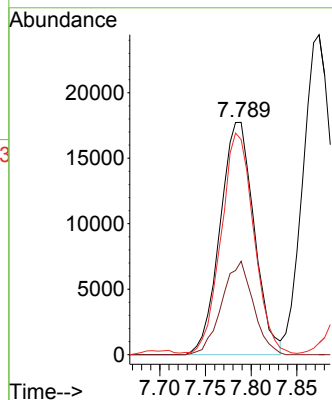
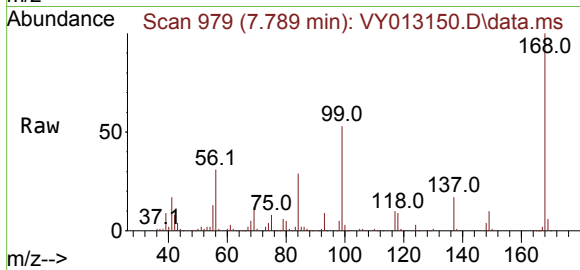




#31
Cyclohexane
Concen: 19.847 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

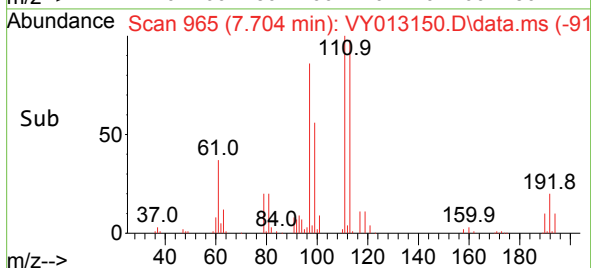
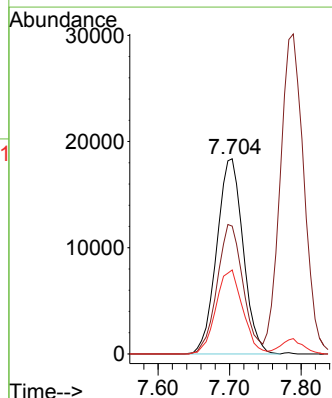
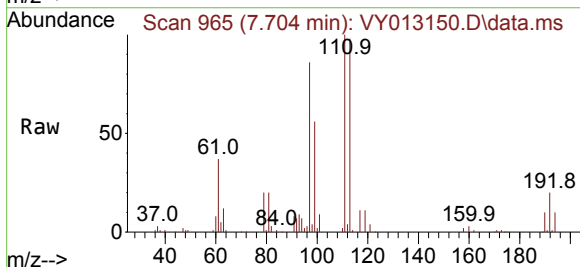
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

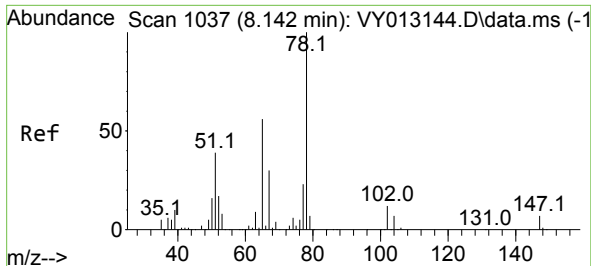
Tgt Ion: 56 Resp: 46064
Ion Ratio Lower Upper
56 100
69 40.2 25.7 38.5#
84 91.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.291 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 97 Resp: 47107
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.6
61 43.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.317 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

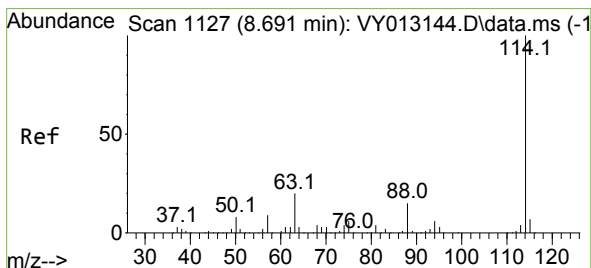
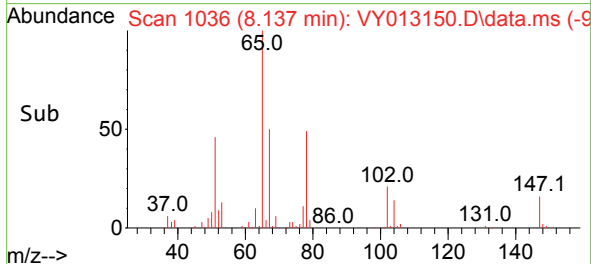
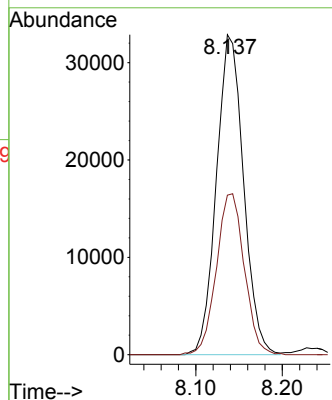
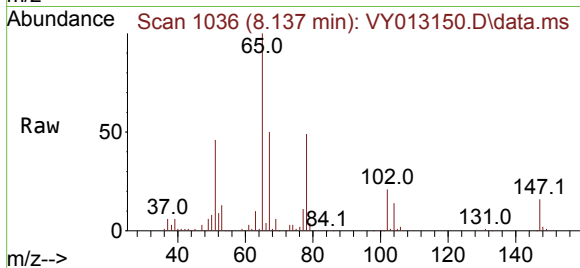
VY0330SBS01

Tgt Ion: 65 Resp: 71535

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

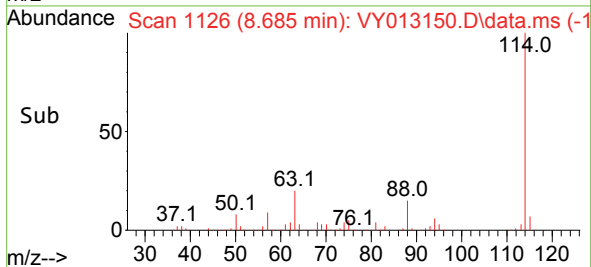
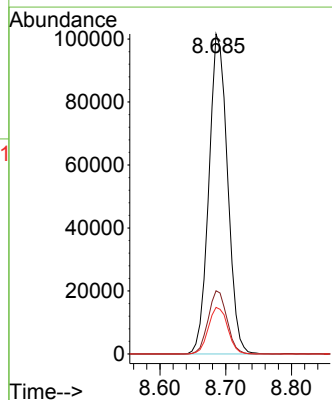
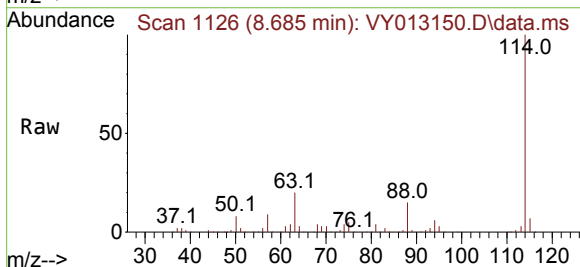
Tgt Ion: 114 Resp: 200621

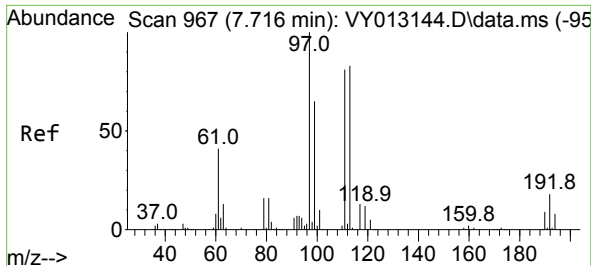
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 28.6

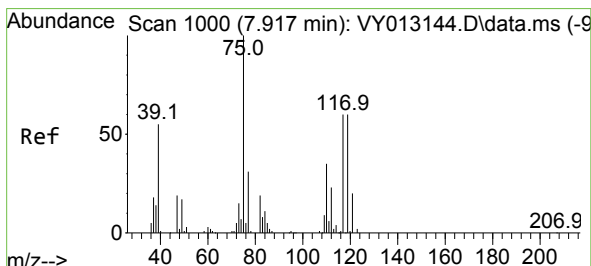
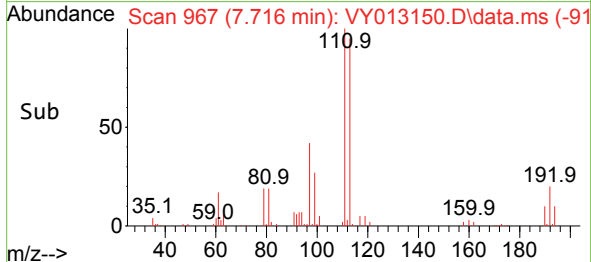
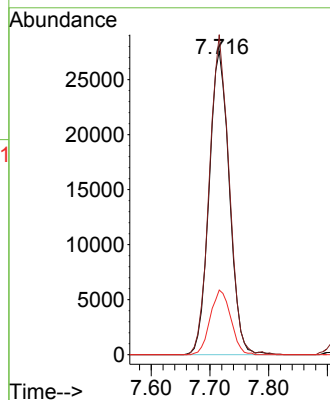
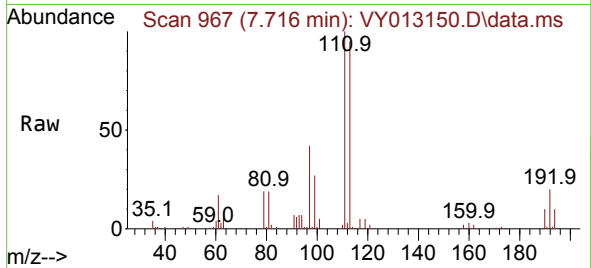




#35
Dibromofluoromethane
Concen: 50.313 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

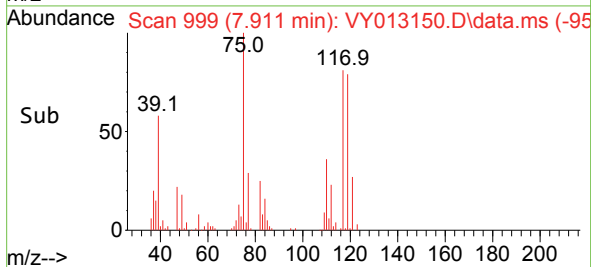
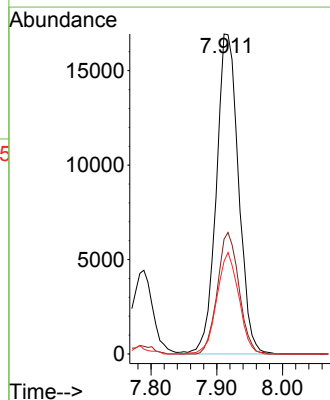
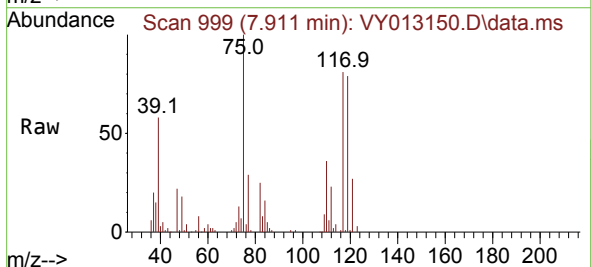
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

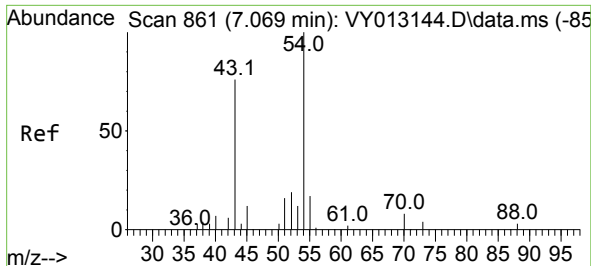
Tgt Ion:113 Resp: 65940
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.204 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 75 Resp: 39862
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.3
77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 21.025 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

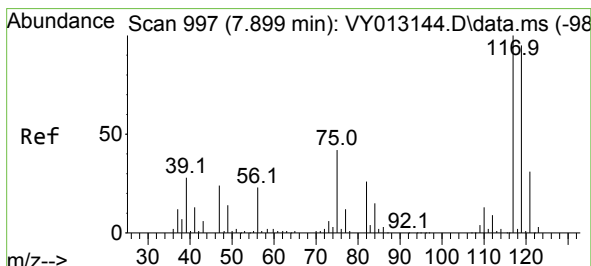
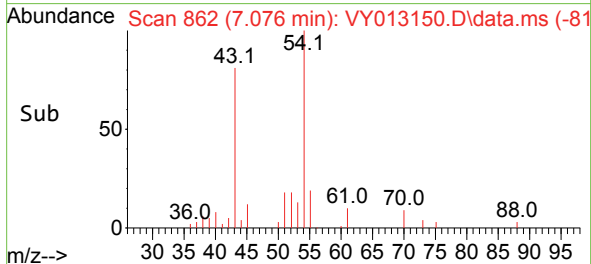
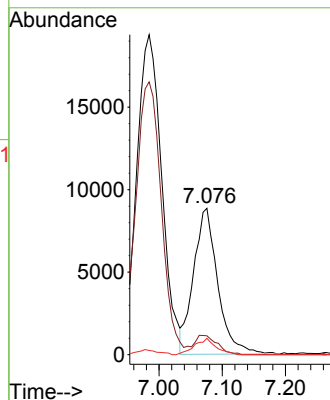
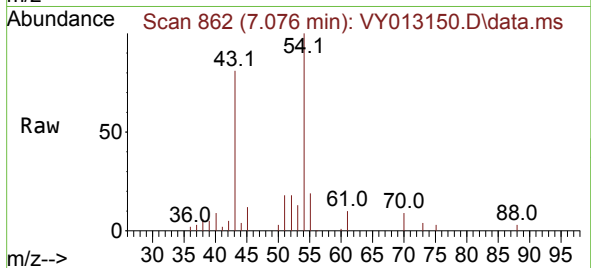
Tgt Ion: 43 Resp: 23565

Ion Ratio Lower Upper

43 100

61 11.7 10.7 16.1

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.203 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

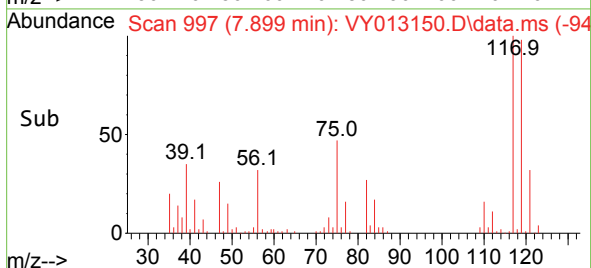
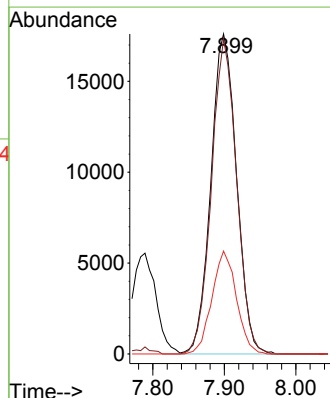
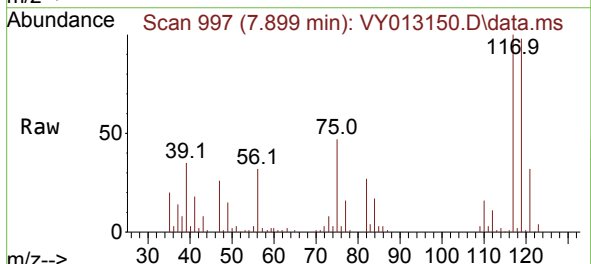
Tgt Ion: 117 Resp: 43982

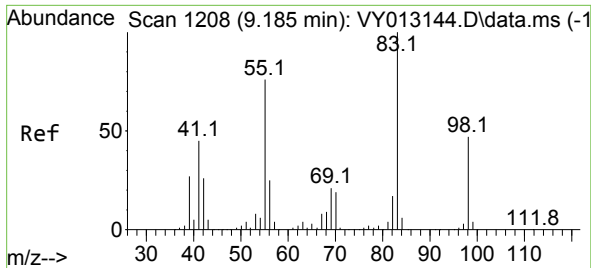
Ion Ratio Lower Upper

117 100

119 98.5 77.2 115.8

121 32.2 24.7 37.1

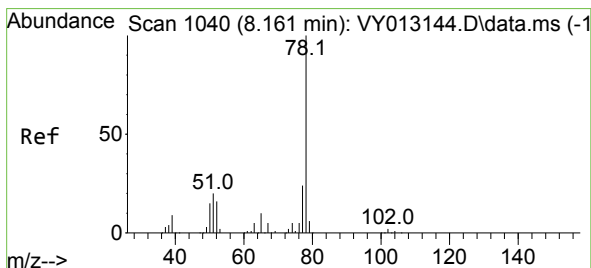
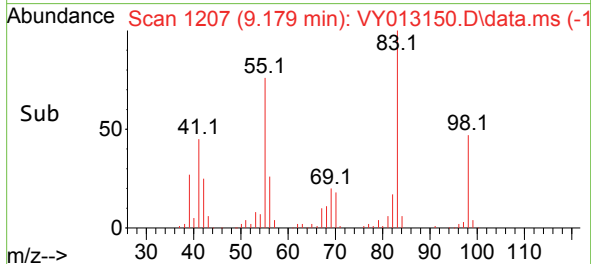
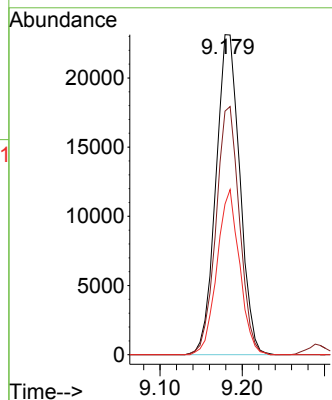
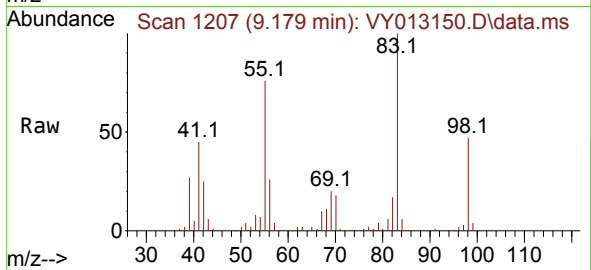




#39
Methylcyclohexane
Concen: 20.225 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

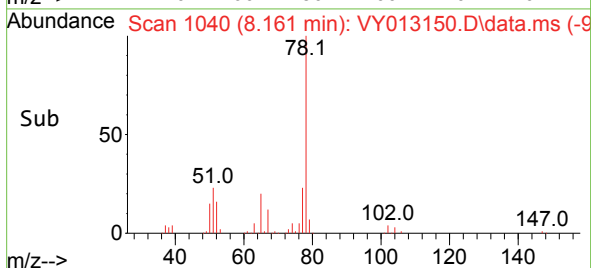
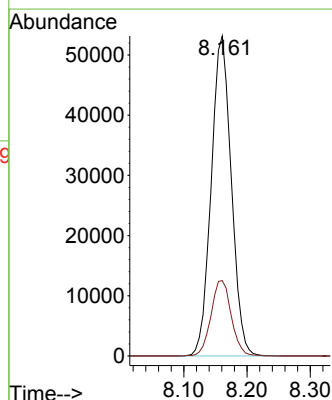
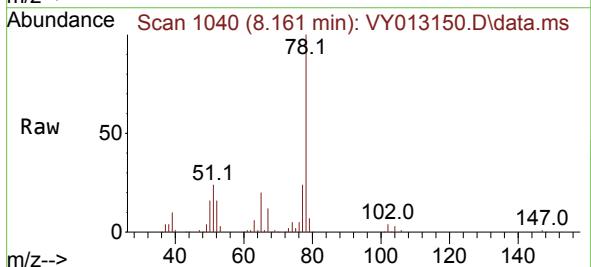
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

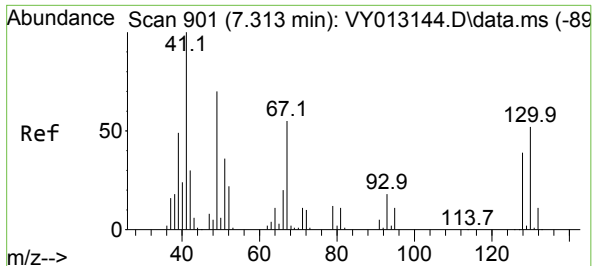
Tgt Ion: 83 Resp: 46814
Ion Ratio Lower Upper
83 100
55 76.1 60.0 90.0
98 47.0 38.3 57.5



#40
Benzene
Concen: 20.546 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 78 Resp: 117082
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

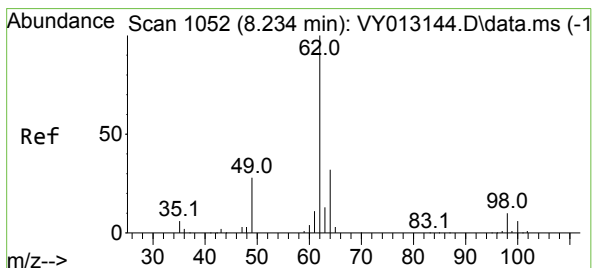
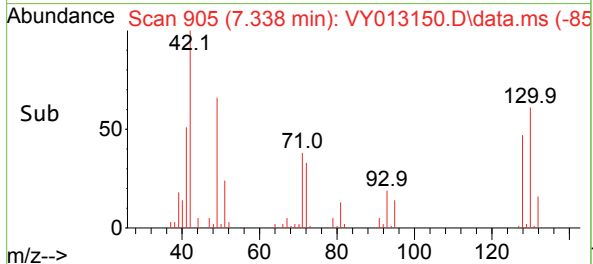
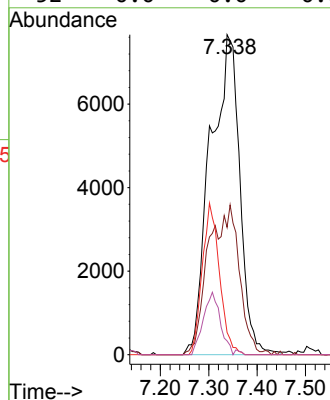
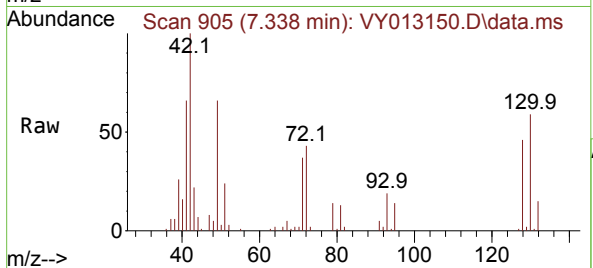




#41
Methacrylonitrile
Concen: 64.664 ug/l
RT: 7.338 min Scan# 901
Delta R.T. 0.024 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

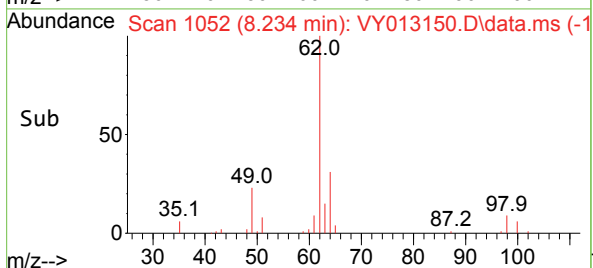
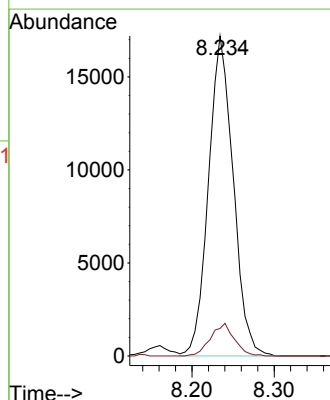
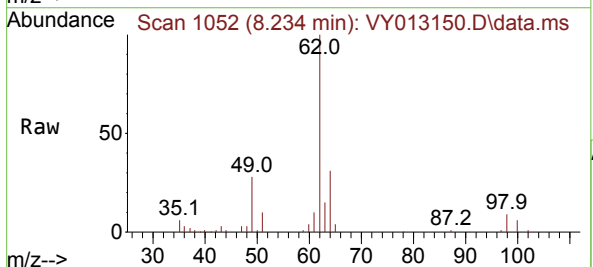
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

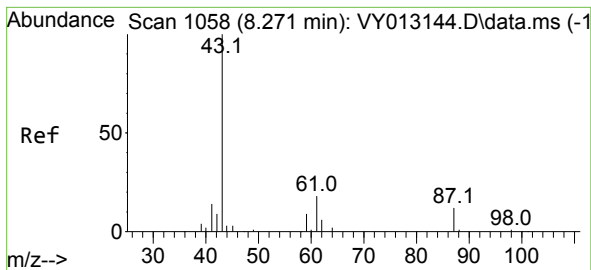
Tgt Ion: 41	Resp: 32152
Ion Ratio	Lower Upper
41 100	
39 0.0	0.0 0.0
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.592 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 62	Resp: 35952
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 18.8





#43

Isopropyl Acetate

Concen: 21.114 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

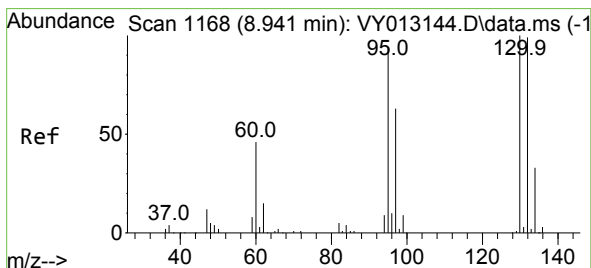
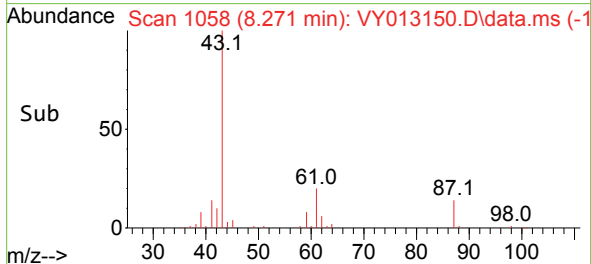
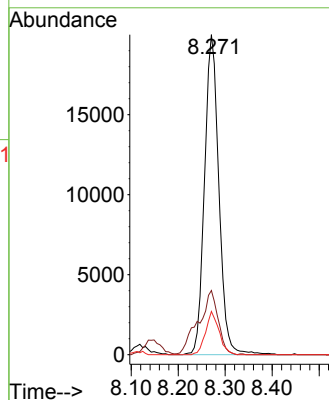
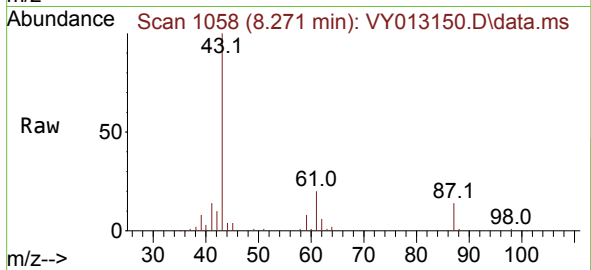
Tgt Ion: 43 Resp: 42359

Ion Ratio Lower Upper

43 100

61 27.5 21.6 32.4

87 12.7 9.9 14.9



#44

Trichloroethene

Concen: 19.954 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY013150.D

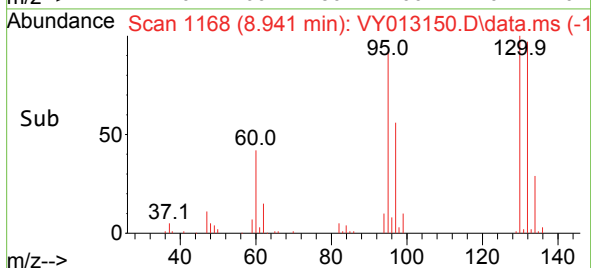
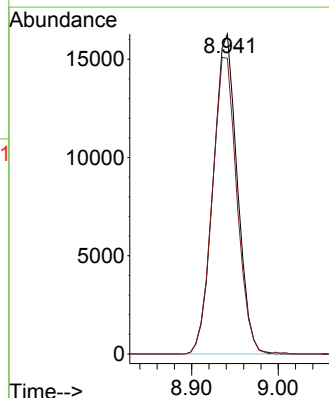
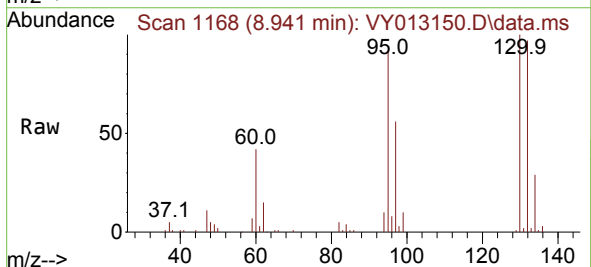
Acq: 30 Mar 2023 14:49

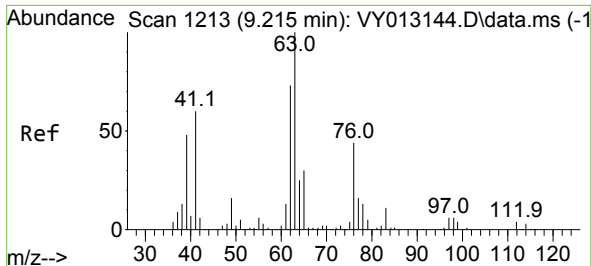
Tgt Ion: 130 Resp: 31302

Ion Ratio Lower Upper

130 100

95 92.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.457 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

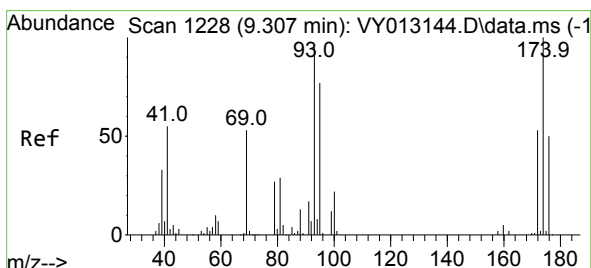
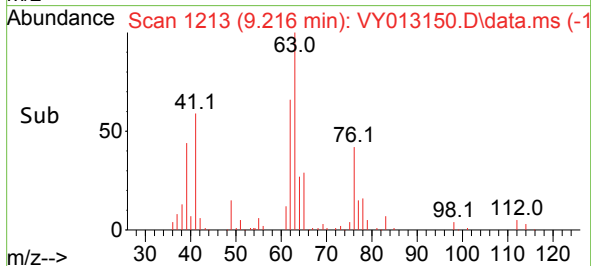
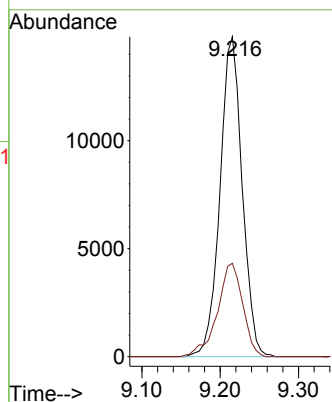
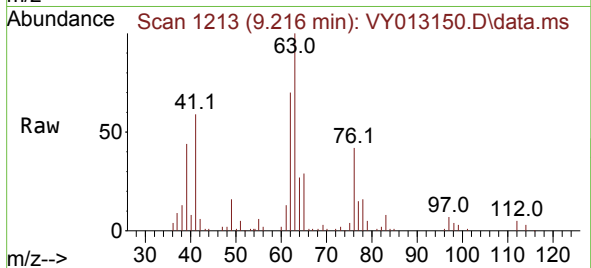
VY0330SBS01

Tgt Ion: 63 Resp: 29191

Ion Ratio Lower Upper

63 100

65 29.2 25.7 38.5



#46

Dibromomethane

Concen: 20.775 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

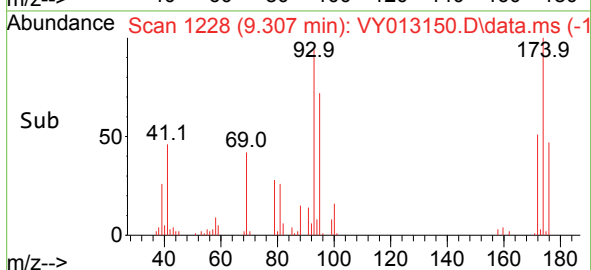
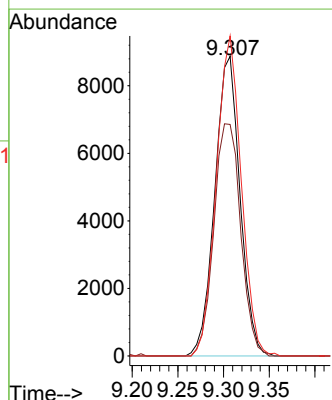
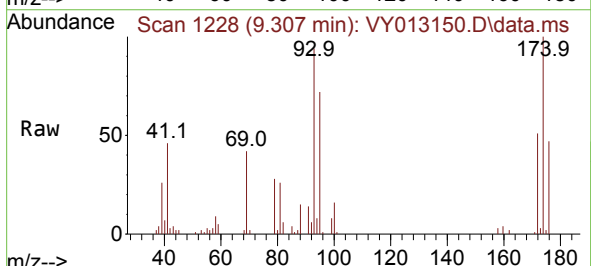
Tgt Ion: 93 Resp: 17030

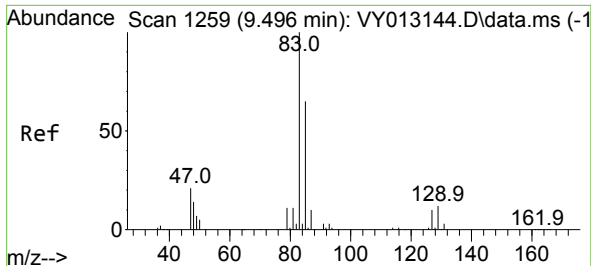
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 105.9 81.3 121.9

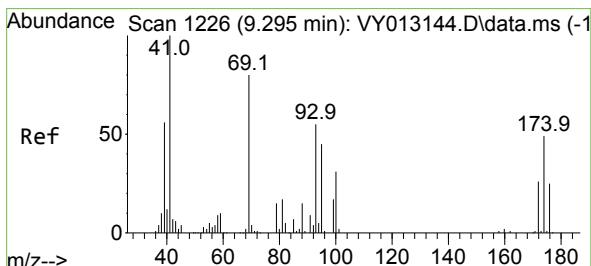
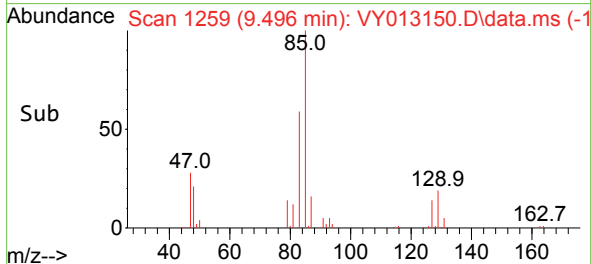
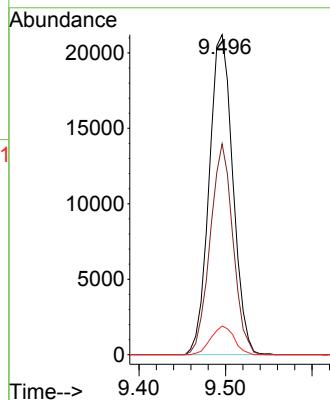
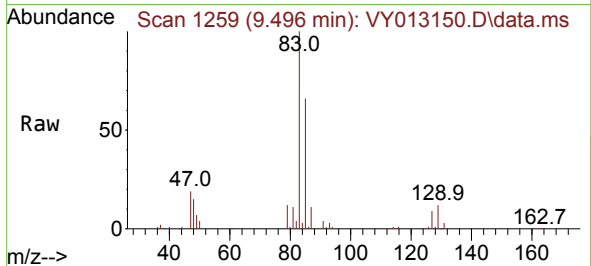




#47
Bromodichloromethane
Concen: 20.375 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

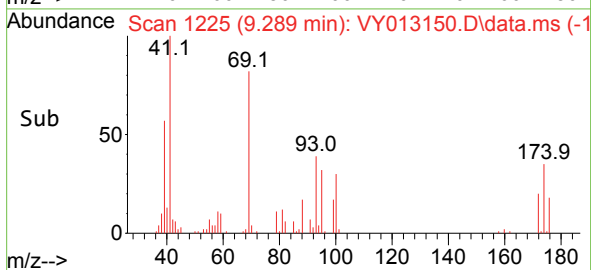
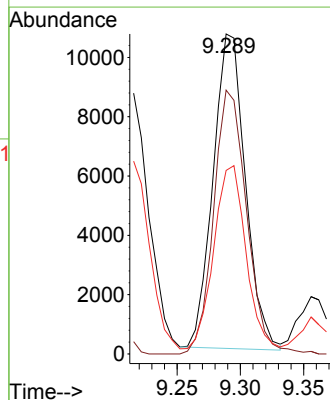
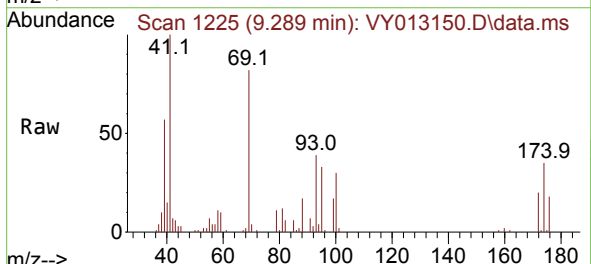
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

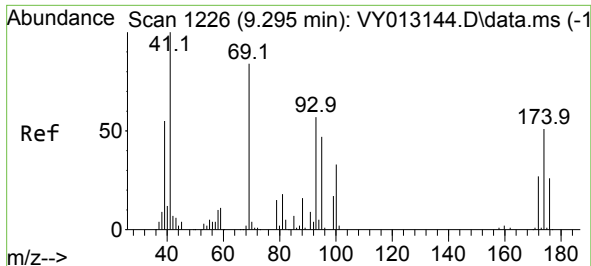
Tgt Ion: 83 Resp: 40301
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 20.182 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 41 Resp: 18857
Ion Ratio Lower Upper
41 100
69 85.7 64.1 96.1
39 58.4 44.0 66.0





#49

1,4-Dioxane

Concen: 436.013 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

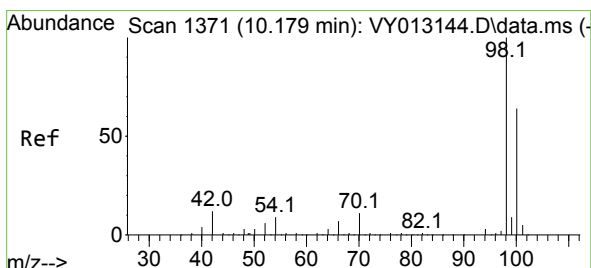
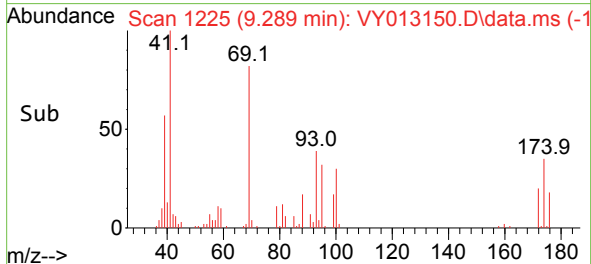
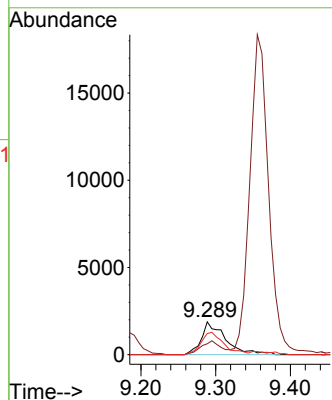
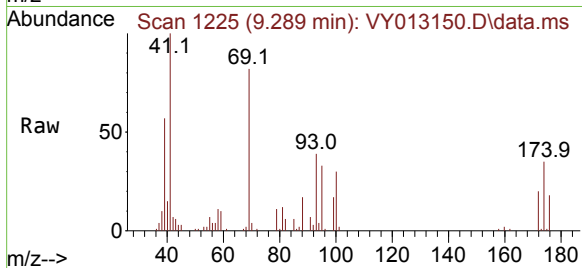
Tgt Ion: 88 Resp: 4252

Ion Ratio Lower Upper

88 100

43 35.4 28.6 42.8

58 64.0 55.2 82.8



#50

Toluene-d8

Concen: 50.817 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013150.D

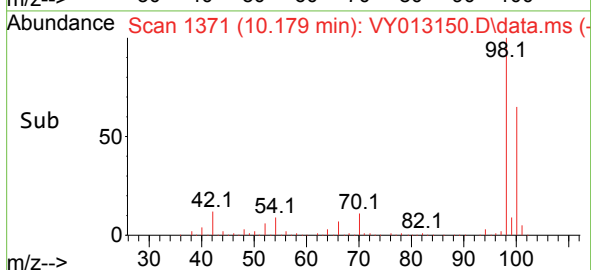
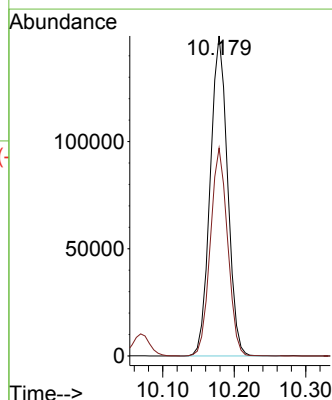
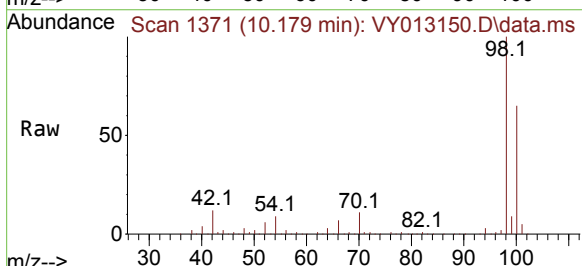
Acq: 30 Mar 2023 14:49

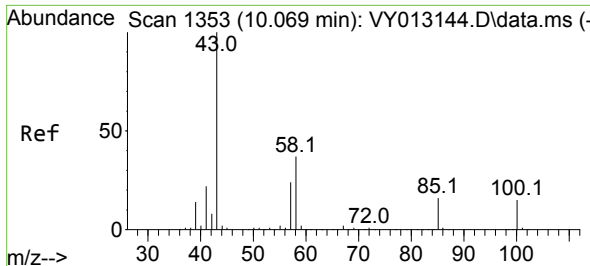
Tgt Ion: 98 Resp: 251425

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3

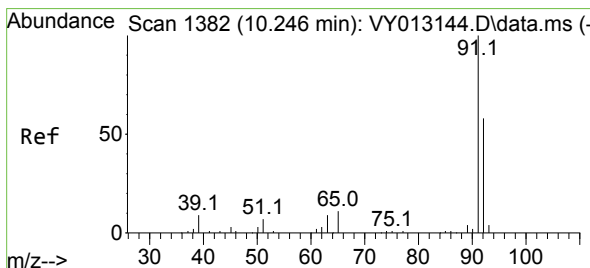
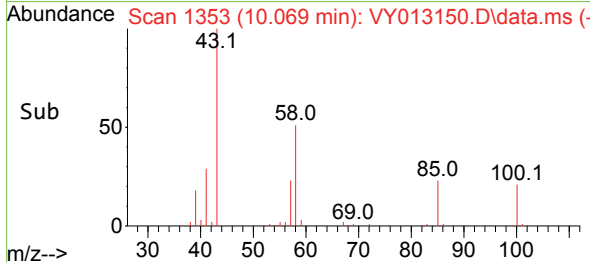
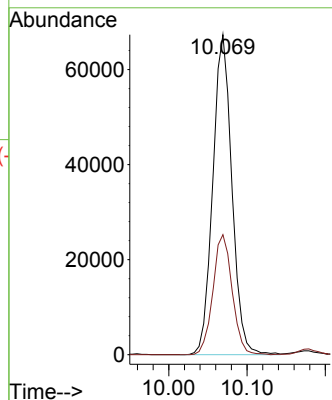
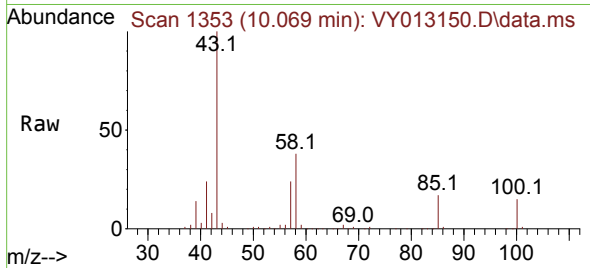




#51
4-Methyl-2-Pentanone
Concen: 105.352 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

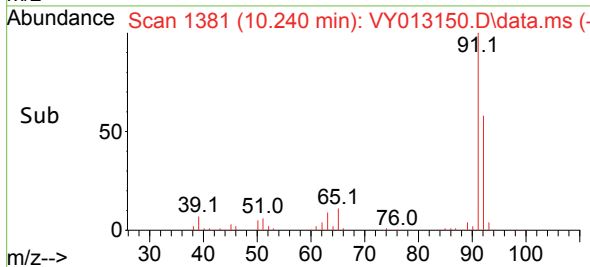
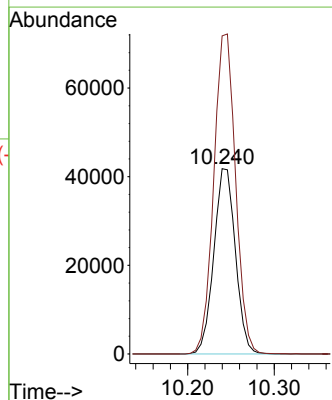
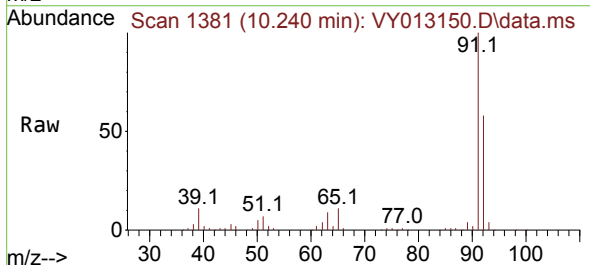
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

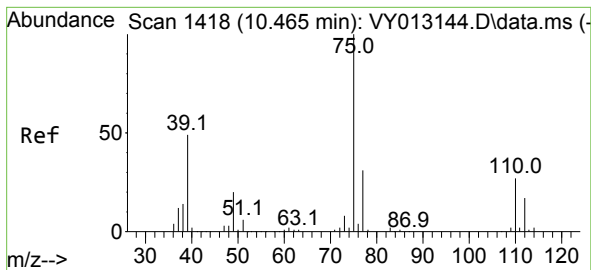
Tgt Ion: 43 Resp: 114067
Ion Ratio Lower Upper
43 100
58 37.7 29.8 44.6



#52
Toluene
Concen: 20.470 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 92 Resp: 72359
Ion Ratio Lower Upper
92 100
91 174.7 141.3 211.9

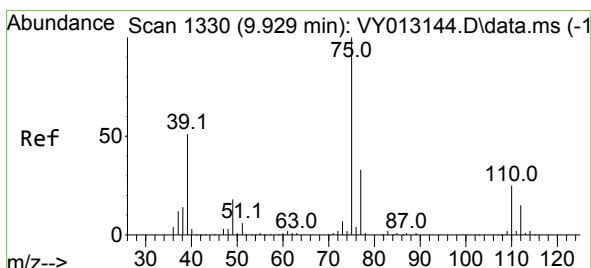
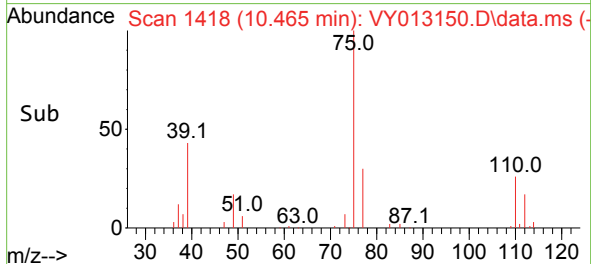
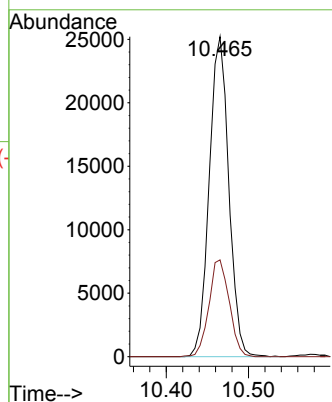
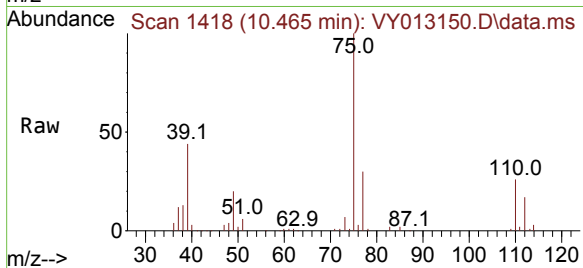




#53
t-1,3-Dichloropropene
Concen: 20.596 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

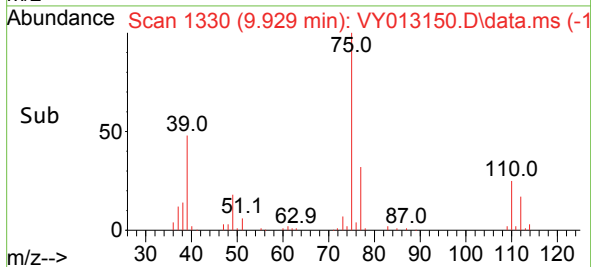
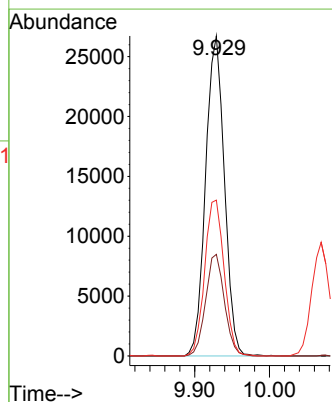
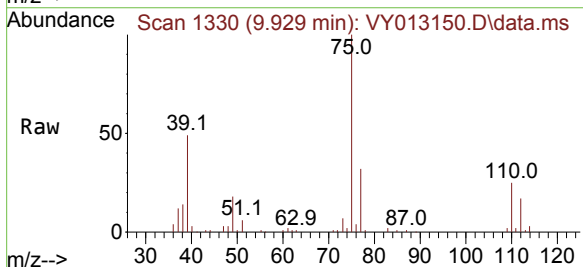
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

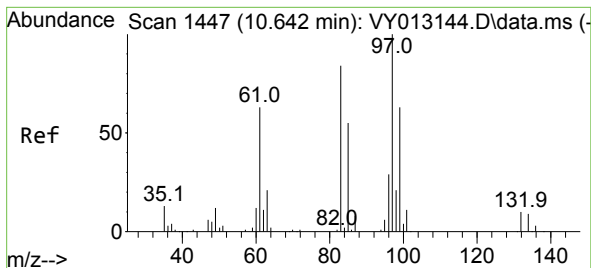
Tgt Ion: 75 Resp: 41639
Ion Ratio Lower Upper
75 100
77 30.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.189 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 75 Resp: 46615
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 48.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.552 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

Tgt Ion: 97 Resp: 23288

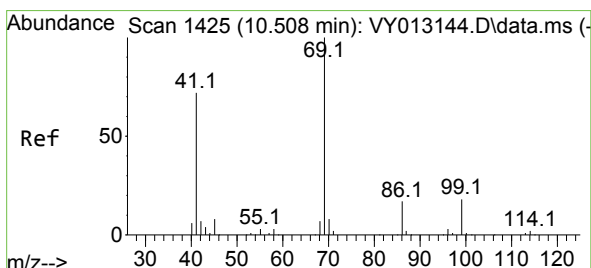
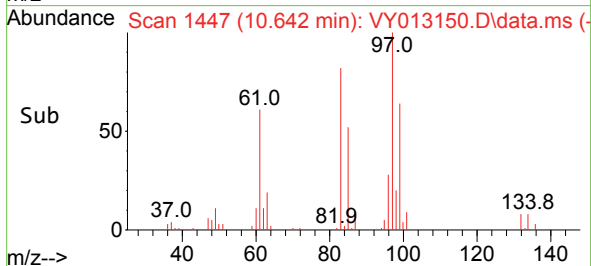
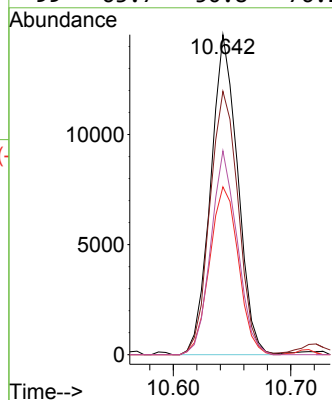
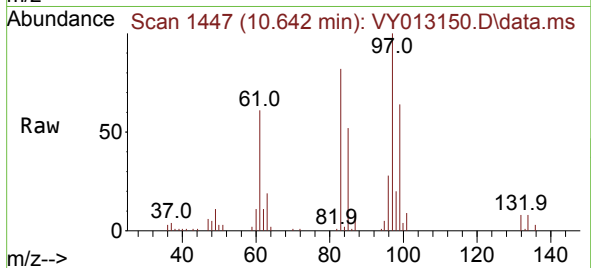
Ion Ratio Lower Upper

97 100

83 82.3 69.0 103.6

85 52.5 44.9 67.3

99 63.7 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.015 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

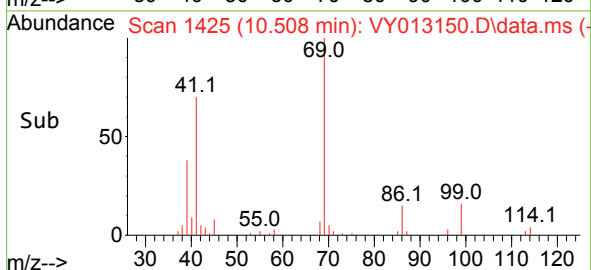
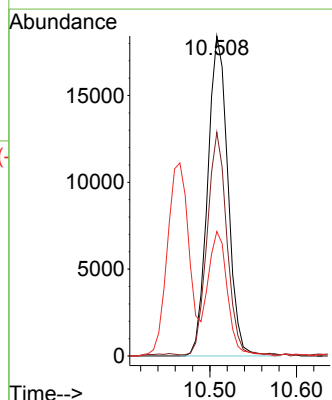
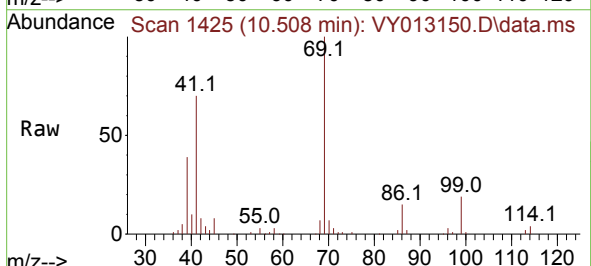
Tgt Ion: 69 Resp: 29940

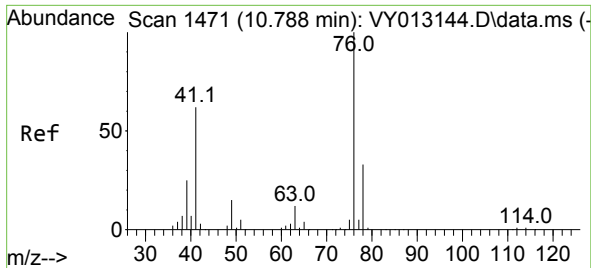
Ion Ratio Lower Upper

69 100

41 68.9 56.4 84.6

39 36.6 30.8 46.2

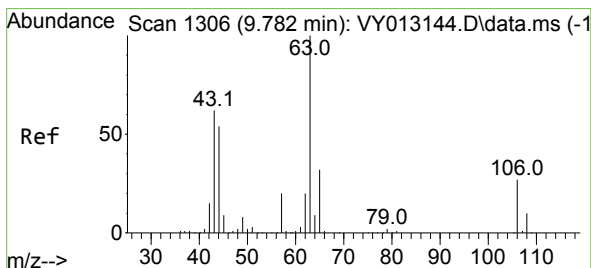
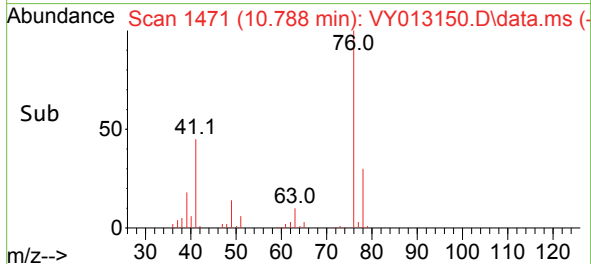
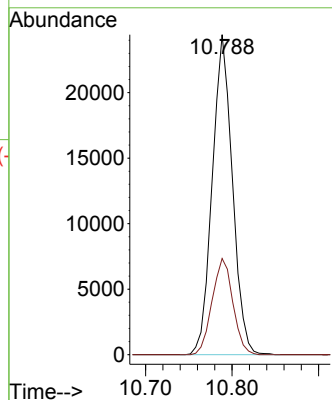
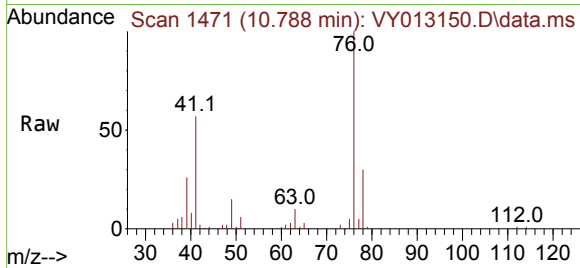




#57
1,3-Dichloropropane
Concen: 20.607 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

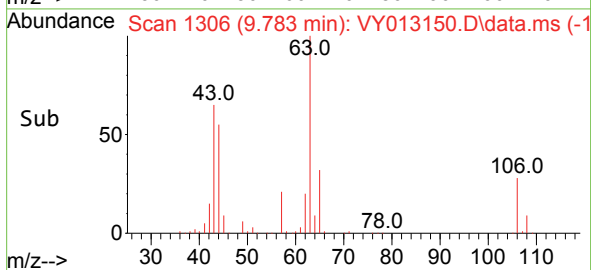
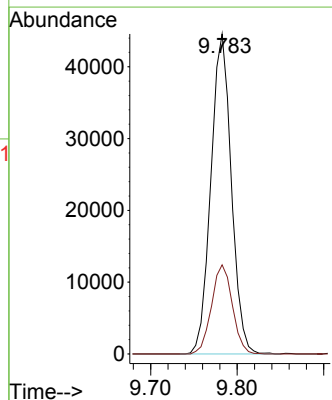
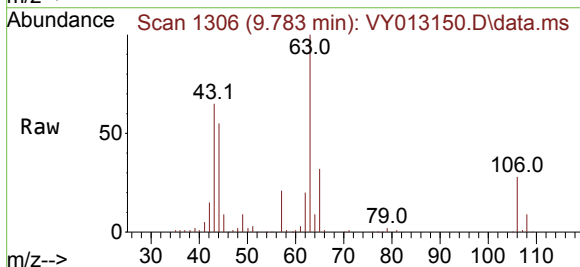
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

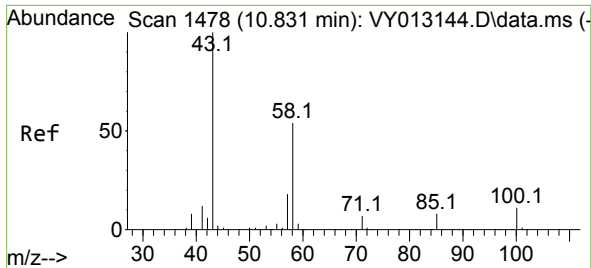
Tgt Ion: 76 Resp: 39419
Ion Ratio Lower Upper
76 100
78 30.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 109.594 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 63 Resp: 73006
Ion Ratio Lower Upper
63 100
106 28.4 22.1 33.1

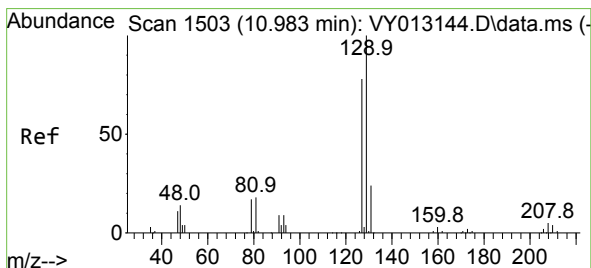
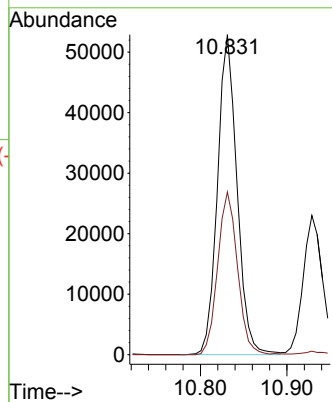
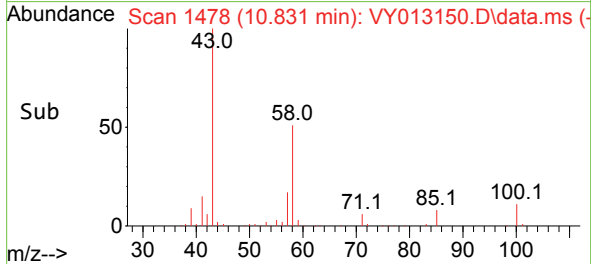
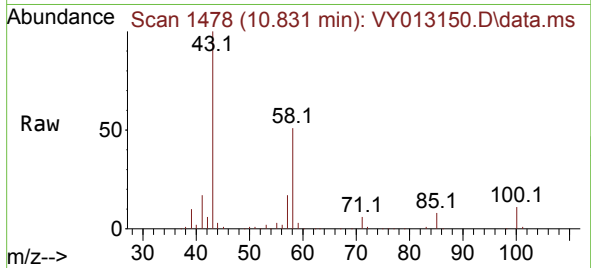




#59
2-Hexanone
Concen: 105.640 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

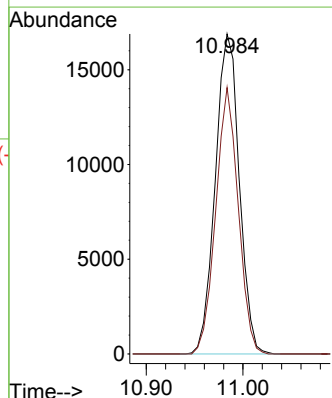
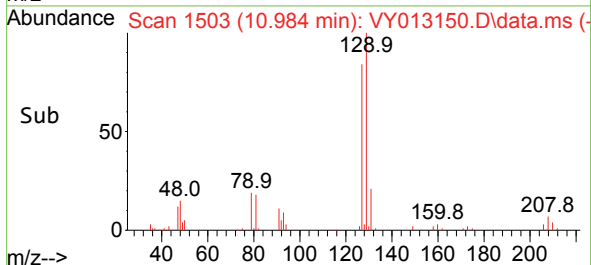
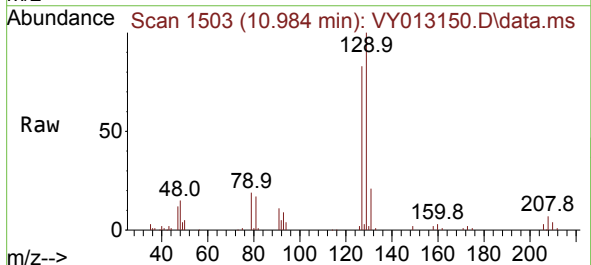
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

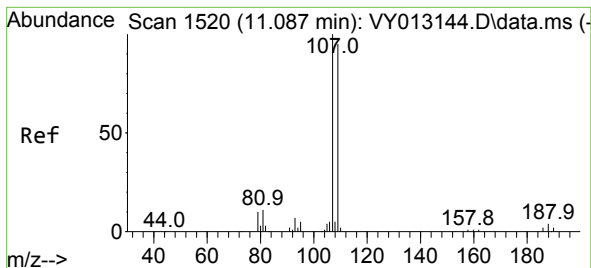
Tgt Ion: 43 Resp: 82722
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.8



#60
Dibromochloromethane
Concen: 20.404 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion:129 Resp: 29039
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1

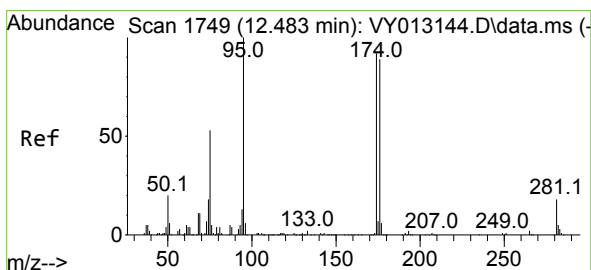
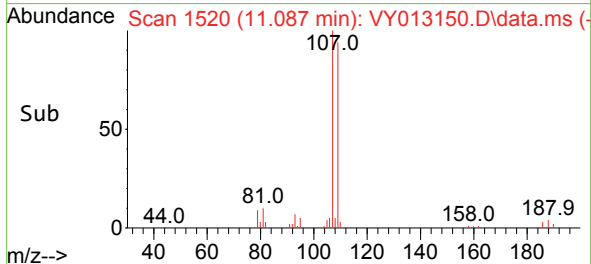
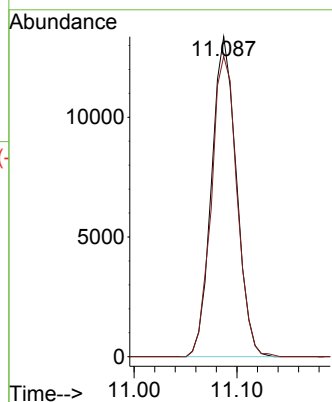
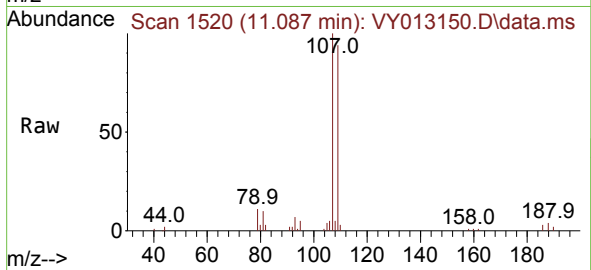




#61
1,2-Dibromoethane
Concen: 20.413 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

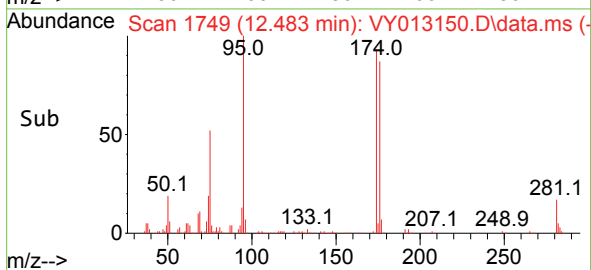
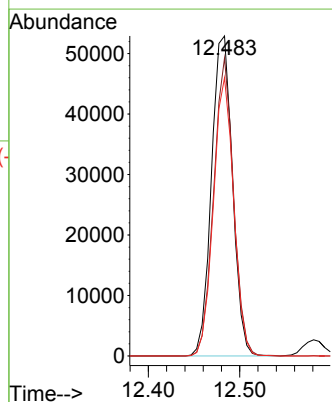
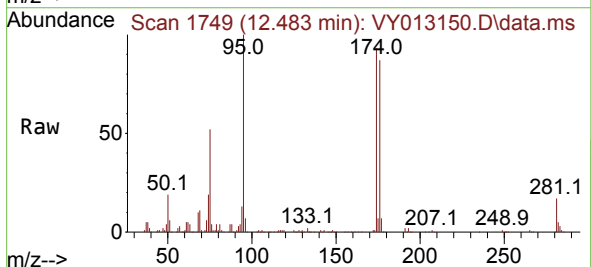
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

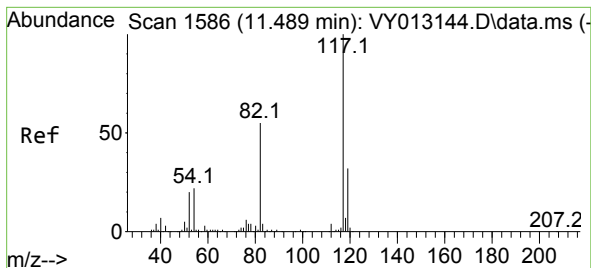
Tgt Ion:107 Resp: 22411
Ion Ratio Lower Upper
107 100
109 96.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 95 Resp: 84238
Ion Ratio Lower Upper
95 100
174 88.5 0.0 176.6
176 84.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

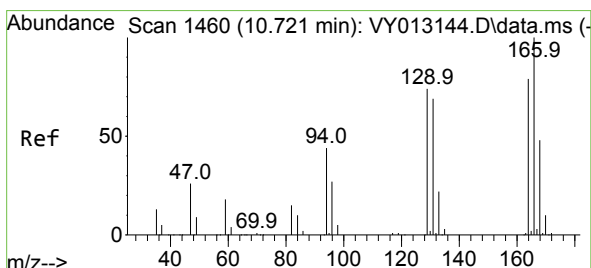
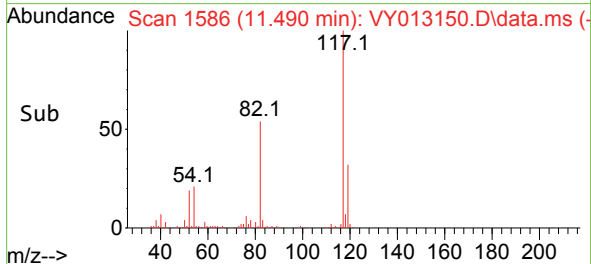
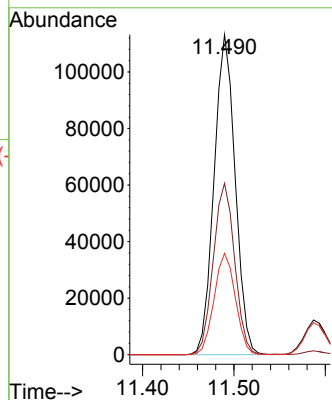
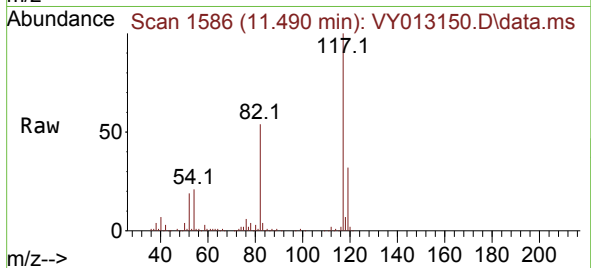
Tgt Ion:117 Resp: 181639

Ion Ratio Lower Upper

117 100

82 53.6 45.4 68.0

119 31.7 25.6 38.4



#64

Tetrachloroethene

Concen: 20.296 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Tgt Ion:164 Resp: 28341

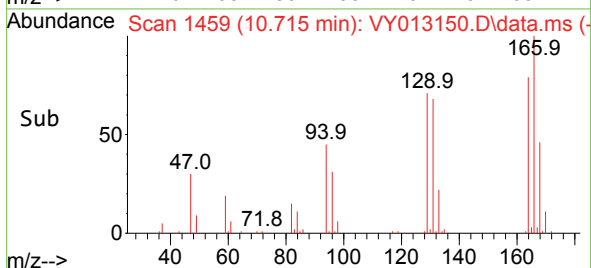
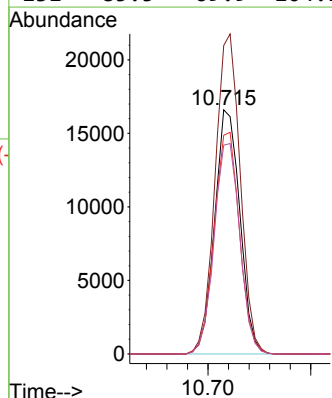
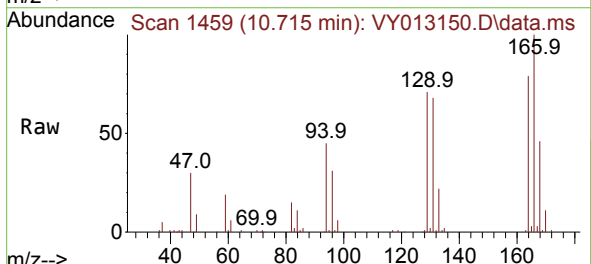
Ion Ratio Lower Upper

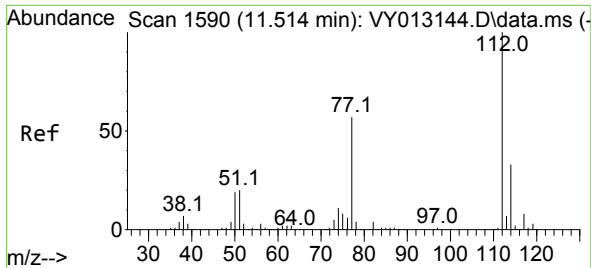
164 100

166 126.3 103.4 155.2

129 89.5 71.4 107.2

131 85.5 69.9 104.9

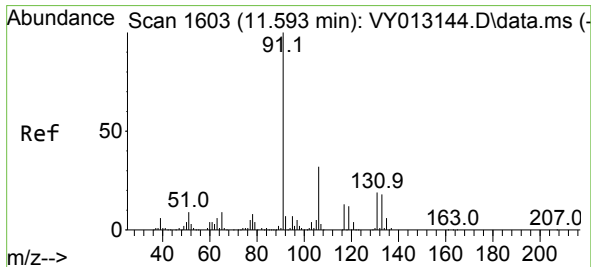
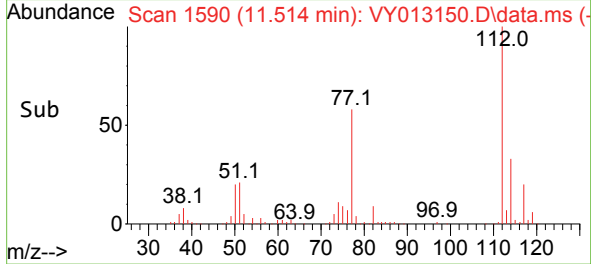
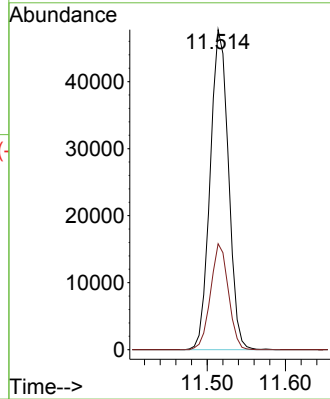
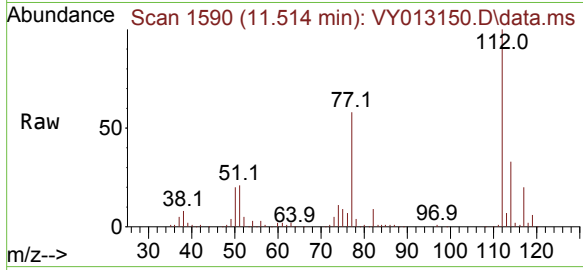




#65
Chlorobenzene
Concen: 20.096 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

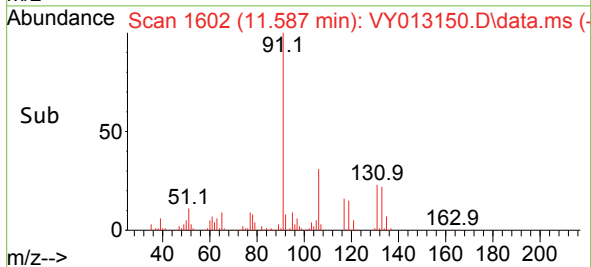
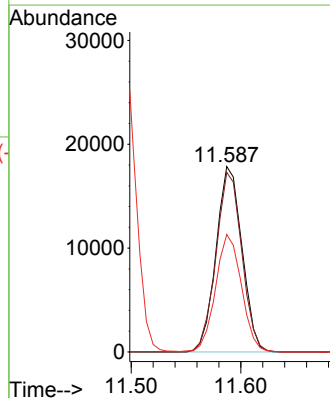
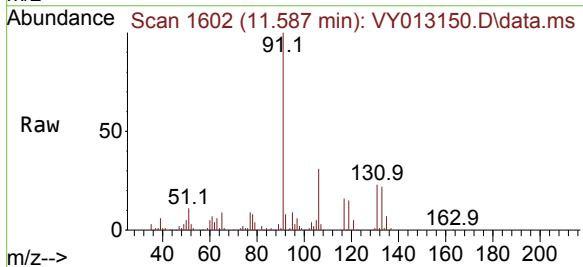
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

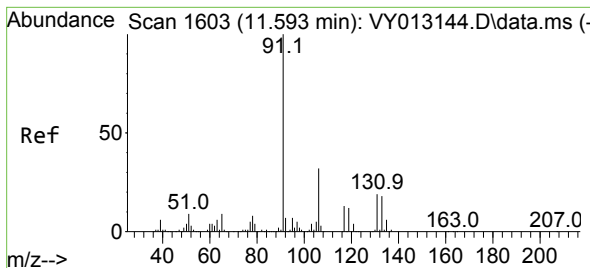
Tgt Ion:112 Resp: 77492
Ion Ratio Lower Upper
112 100
114 33.1 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.324 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion:131 Resp: 29381
Ion Ratio Lower Upper
131 100
133 96.5 48.0 144.0
119 63.4 32.6 98.0





#67

Ethyl Benzene

Concen: 20.156 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

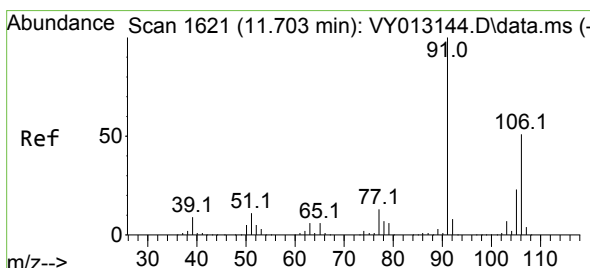
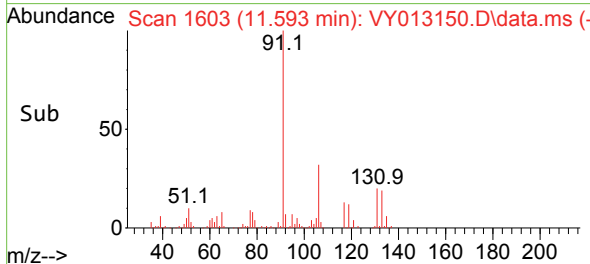
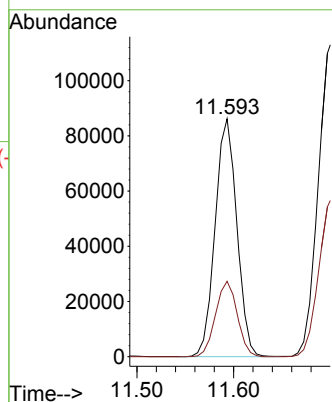
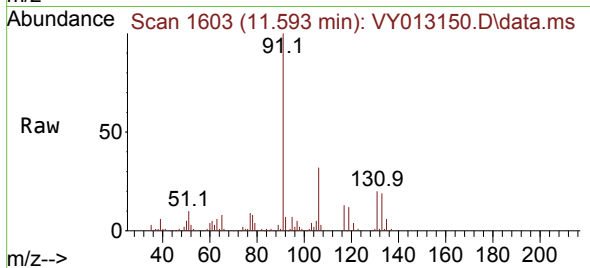
VY0330SBS01

Tgt Ion: 91 Resp: 134239

Ion Ratio Lower Upper

91 100

106 31.7 25.1 37.7



#68

m/p-Xylenes

Concen: 41.454 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY013150.D

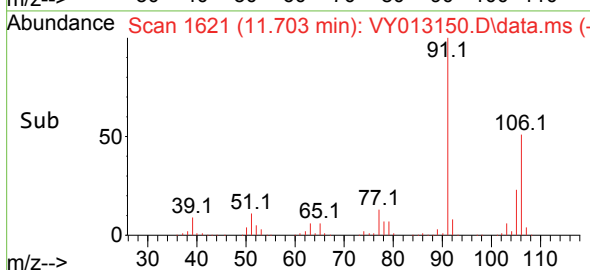
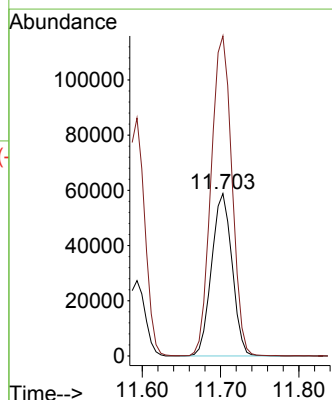
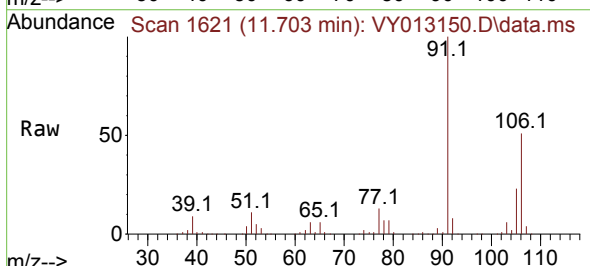
Acq: 30 Mar 2023 14:49

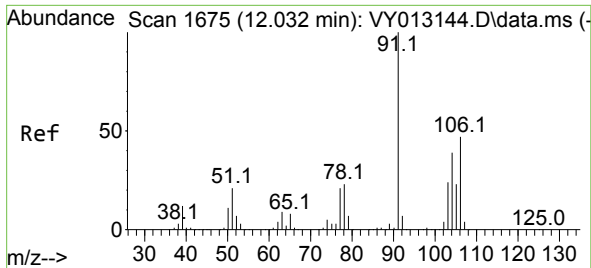
Tgt Ion:106 Resp: 106798

Ion Ratio Lower Upper

106 100

91 200.4 159.8 239.8

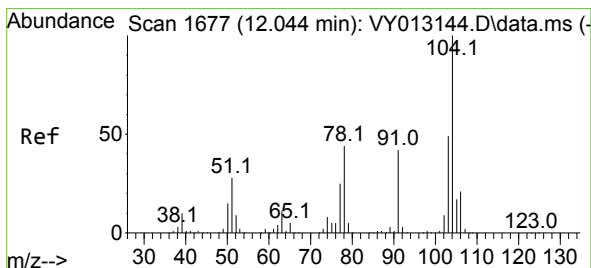
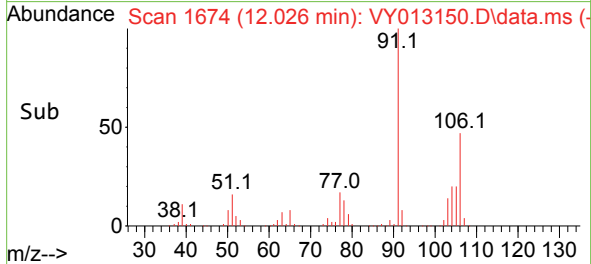
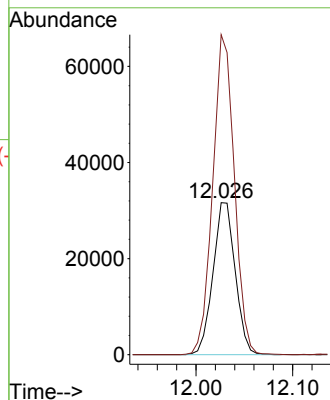
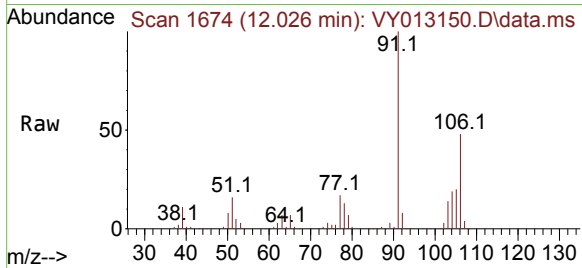




#69
o-Xylene
Concen: 21.117 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

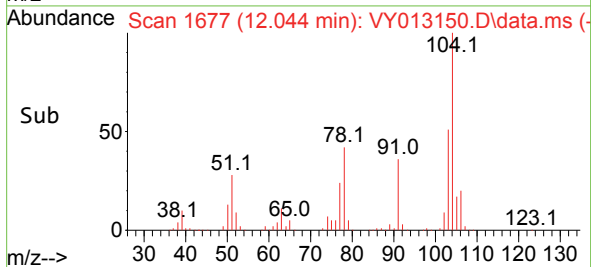
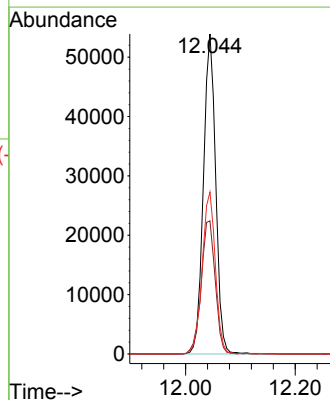
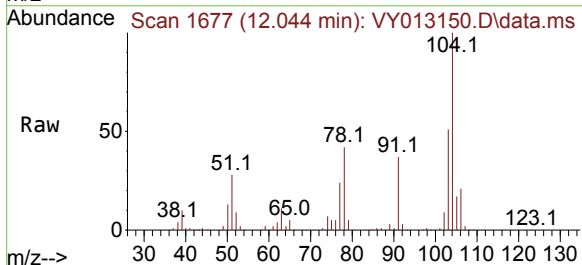
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

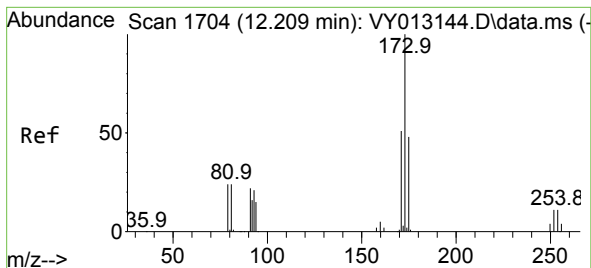
Tgt Ion:106 Resp: 50463
Ion Ratio Lower Upper
106 100
91 204.8 107.2 321.6



#70
Styrene
Concen: 20.947 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion:104 Resp: 83735
Ion Ratio Lower Upper
104 100
78 47.4 39.2 58.8
103 54.4 43.7 65.5





#71

Bromoform

Concen: 20.748 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

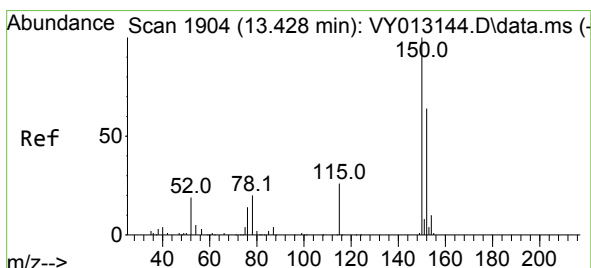
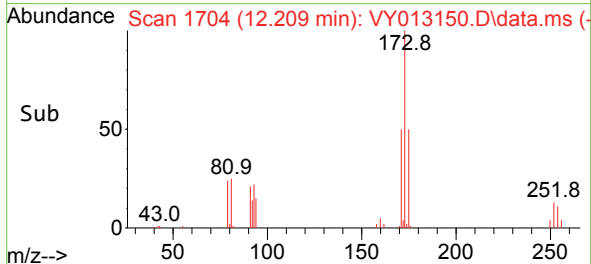
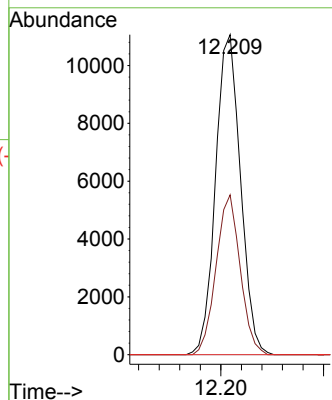
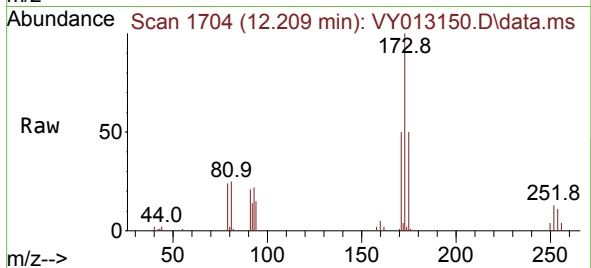
Tgt Ion:173 Resp: 18599

Ion Ratio Lower Upper

173 100

175 48.4 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

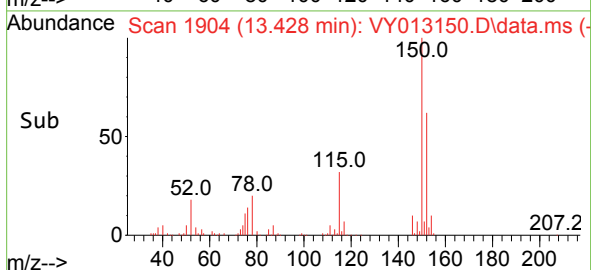
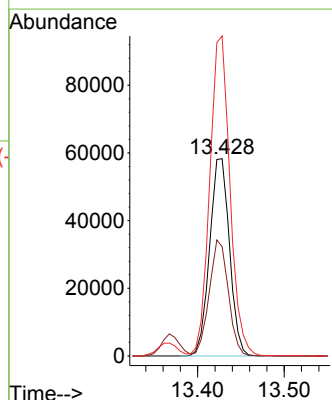
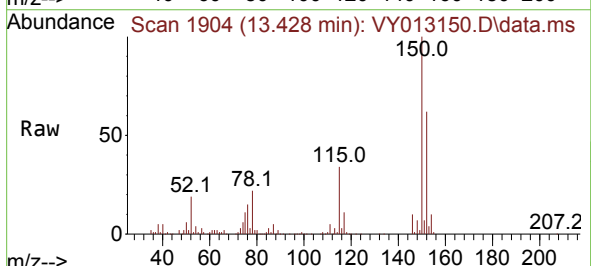
Tgt Ion:152 Resp: 93023

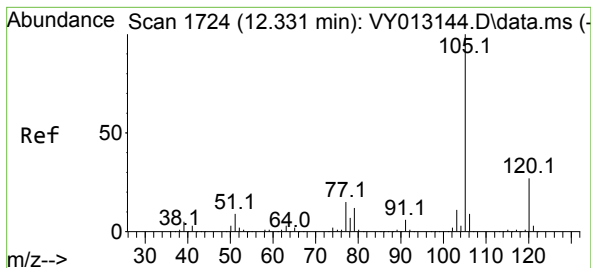
Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.3

150 164.6 0.0 347.8





#73

Isopropylbenzene

Concen: 20.240 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

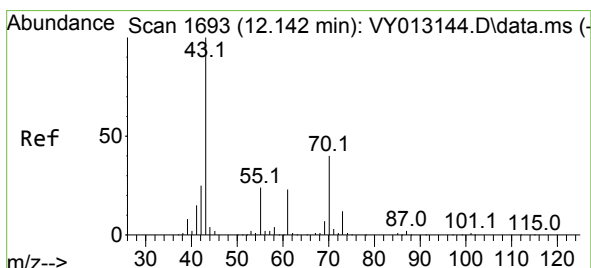
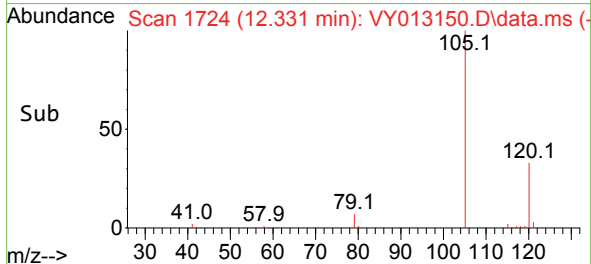
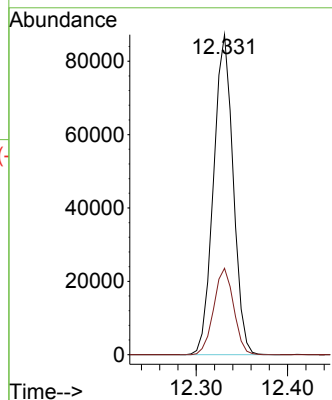
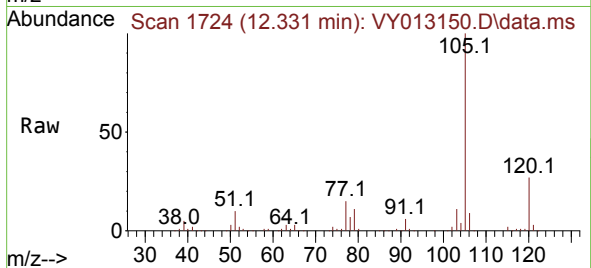
VY0330SBS01

Tgt Ion:105 Resp: 129963

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 20.678 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Tgt Ion: 43 Resp: 36456

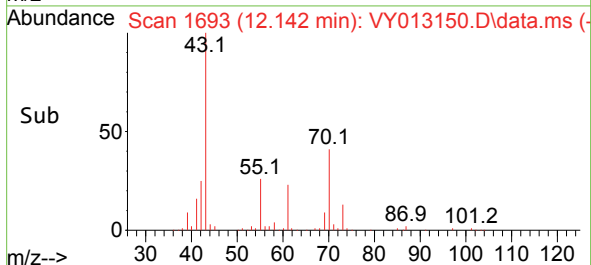
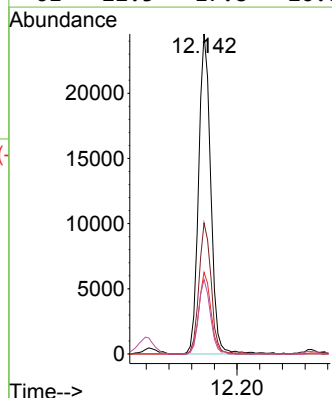
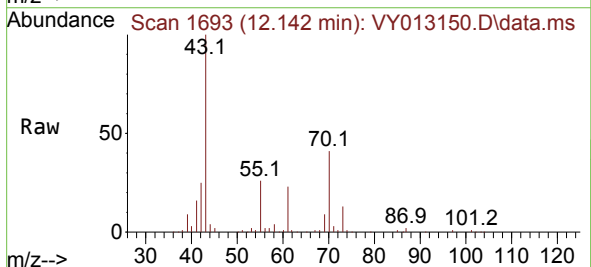
Ion Ratio Lower Upper

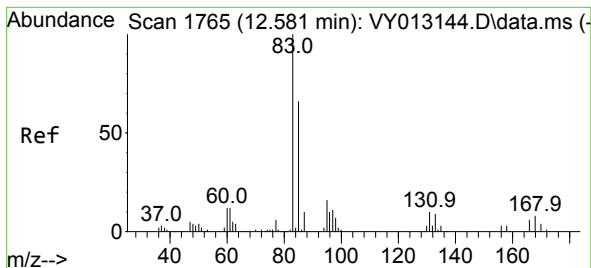
43 100

70 40.6 31.6 47.4

55 25.3 18.8 28.2

61 22.5 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.300 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

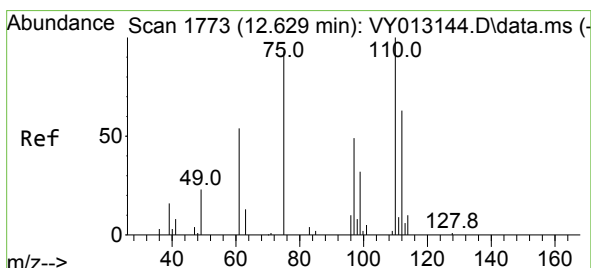
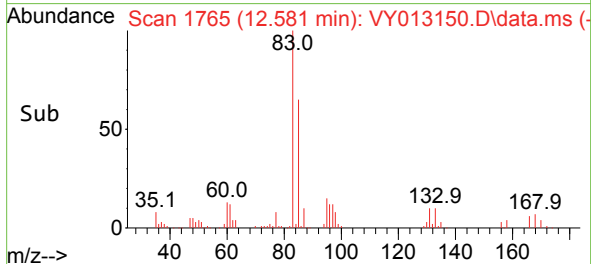
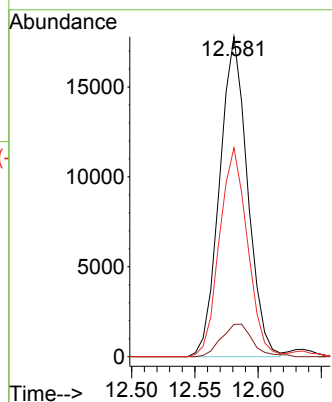
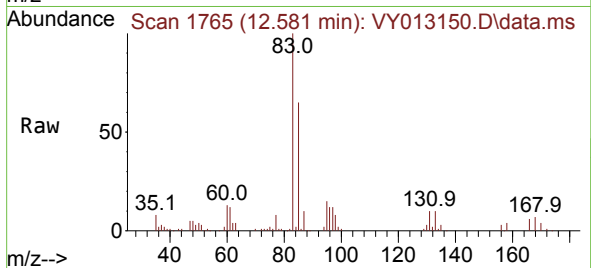
Tgt Ion: 83 Resp: 27304

Ion Ratio Lower Upper

83 100

131 11.4 5.1 15.2

85 65.3 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 34.553 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013150.D

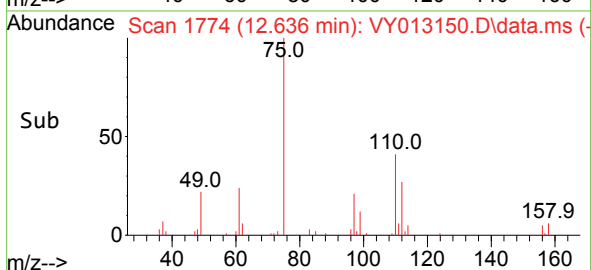
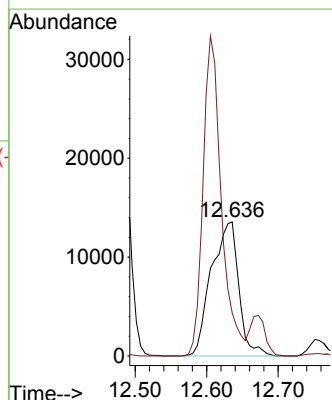
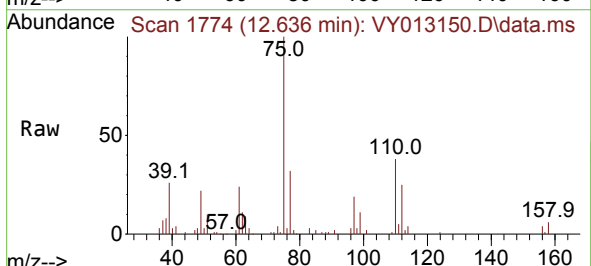
Acq: 30 Mar 2023 14:49

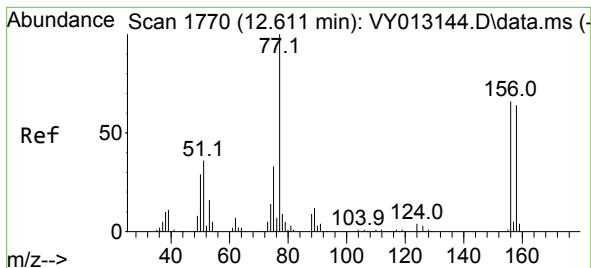
Tgt Ion: 75 Resp: 36108

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.547 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

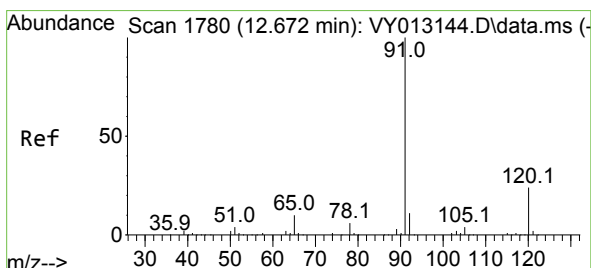
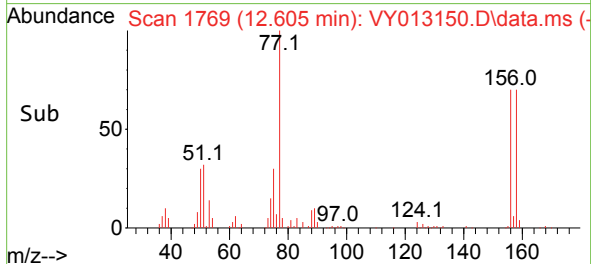
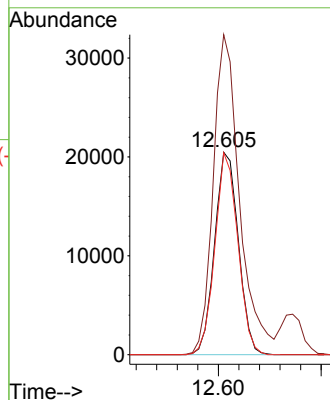
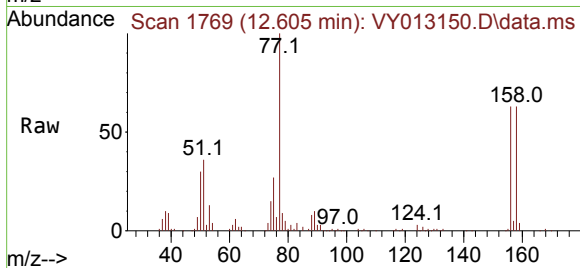
Tgt Ion:156 Resp: 32802

Ion Ratio Lower Upper

156 100

77 175.8 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 20.432 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013150.D

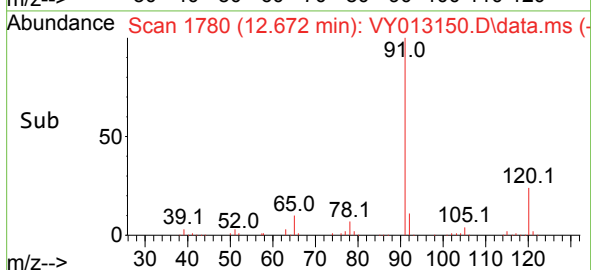
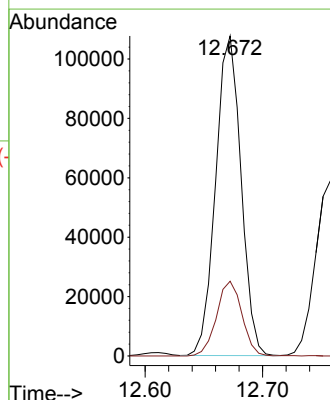
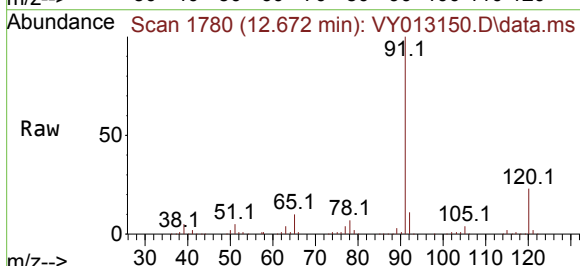
Acq: 30 Mar 2023 14:49

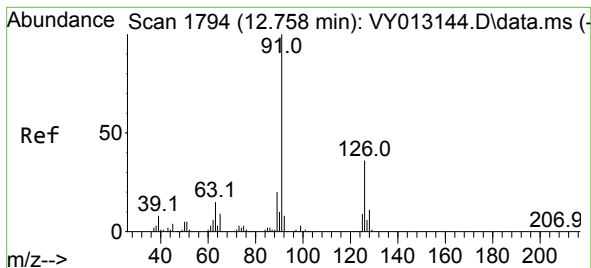
Tgt Ion: 91 Resp: 161316

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.501 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

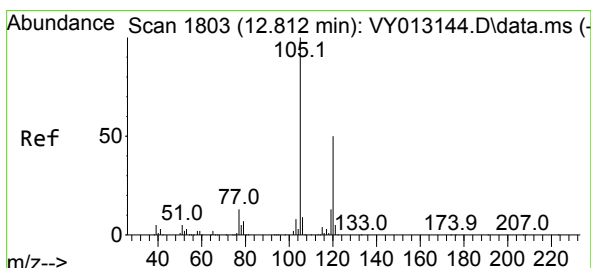
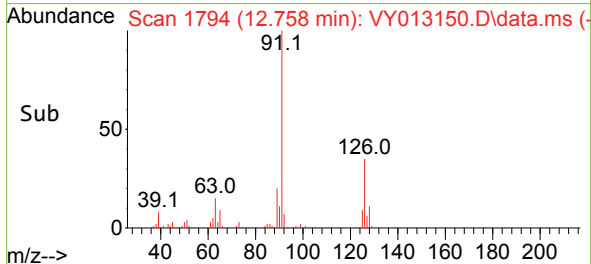
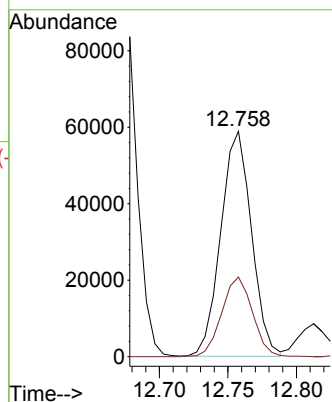
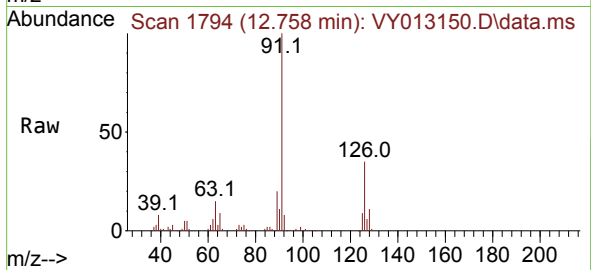
VY0330SBS01

Tgt Ion: 91 Resp: 91845

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.586 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013150.D

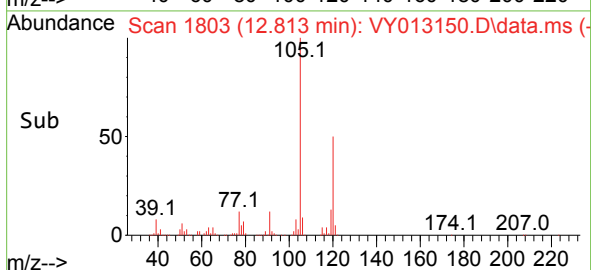
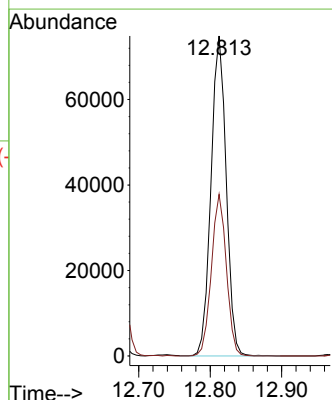
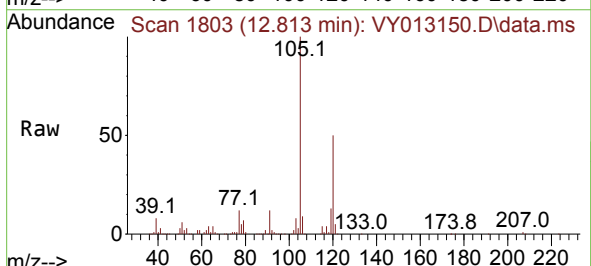
Acq: 30 Mar 2023 14:49

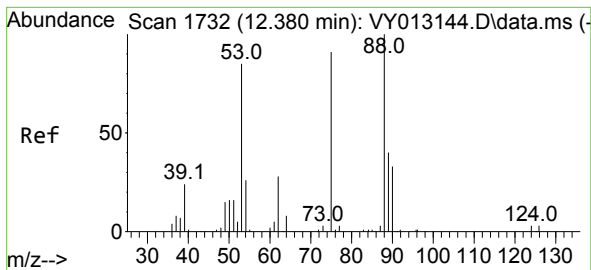
Tgt Ion: 105 Resp: 110515

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4

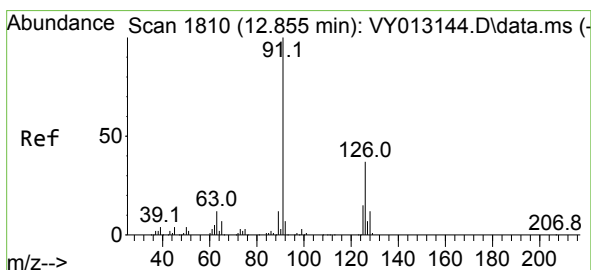
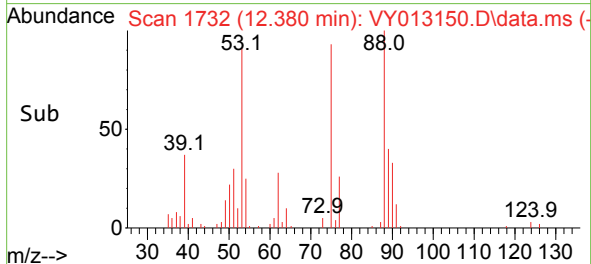
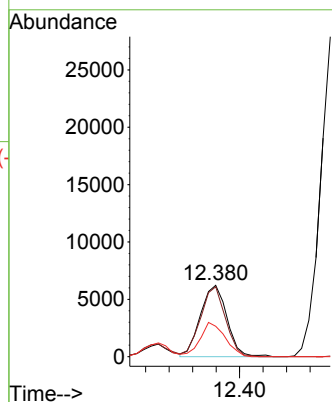
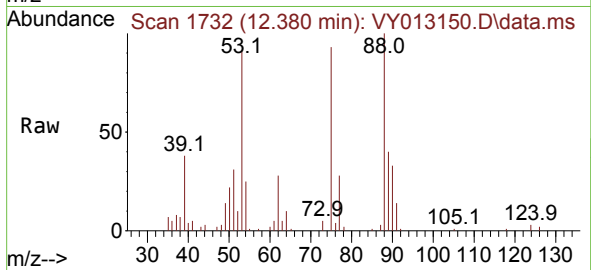




#81
trans-1,4-Dichloro-2-butene
Concen: 20.871 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

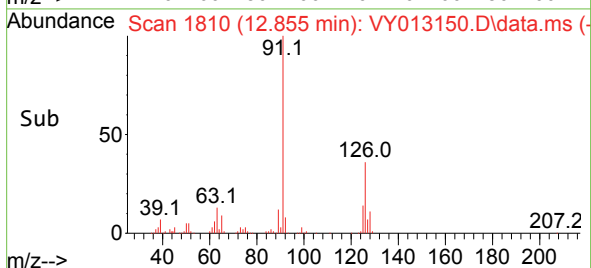
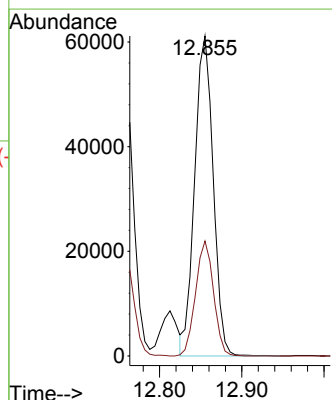
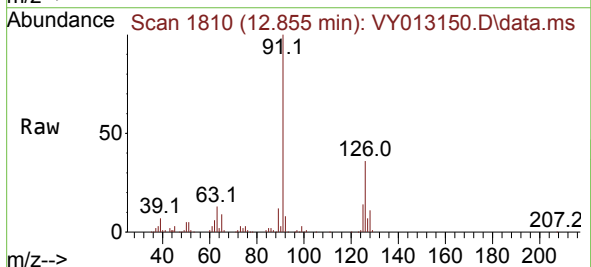
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

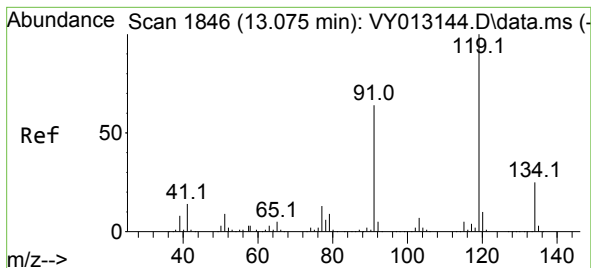
Tgt Ion: 75 Resp: 9780
Ion Ratio Lower Upper
75 100
53 92.0 73.4 110.0
89 44.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.513 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013150.D
Acq: 30 Mar 2023 14:49

Tgt Ion: 91 Resp: 95644
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.614 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

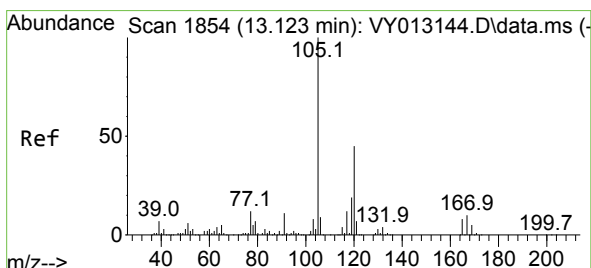
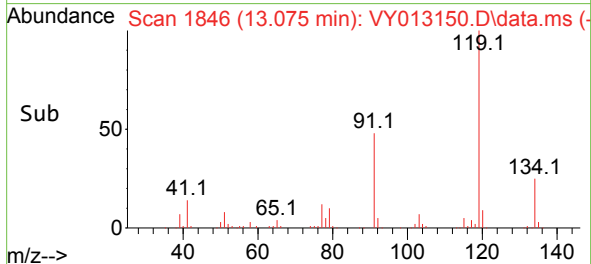
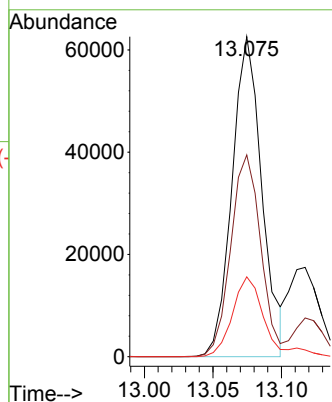
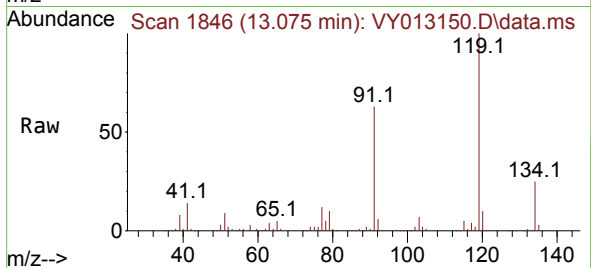
Tgt Ion:119 Resp: 95054

Ion Ratio Lower Upper

119 100

91 63.2 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.842 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013150.D

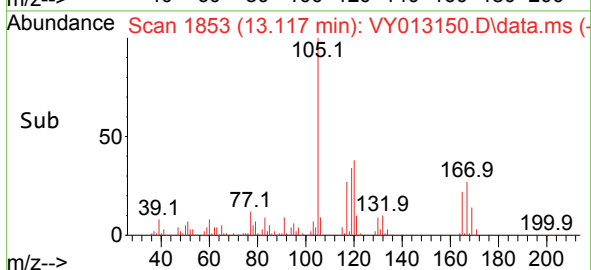
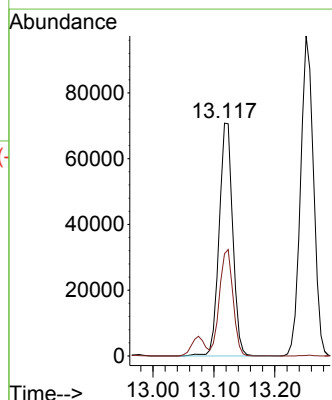
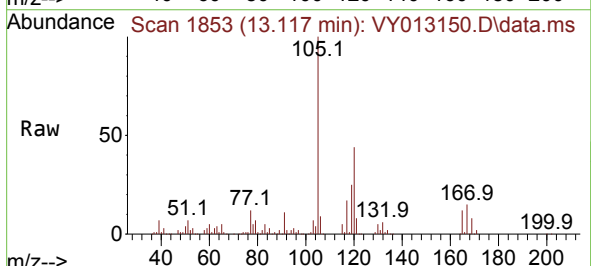
Acq: 30 Mar 2023 14:49

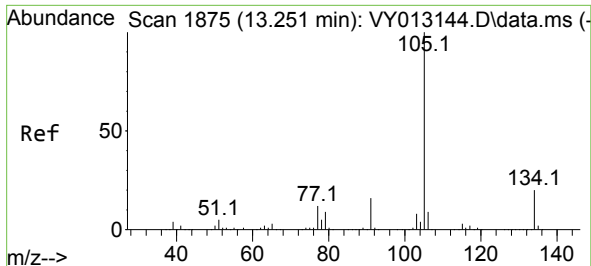
Tgt Ion:105 Resp: 109574

Ion Ratio Lower Upper

105 100

120 45.3 23.0 69.0

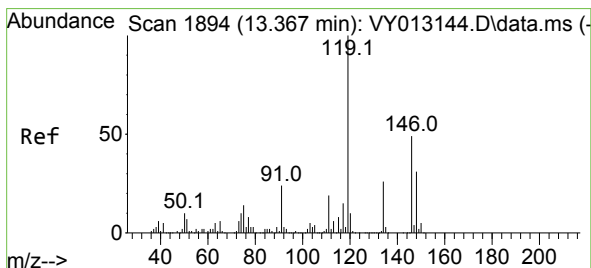
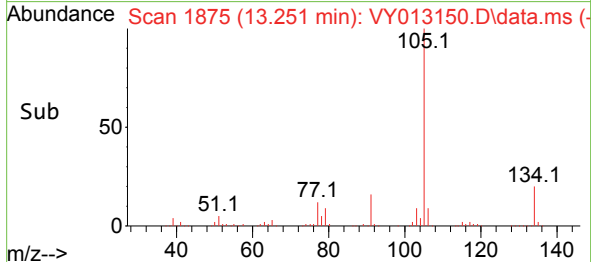
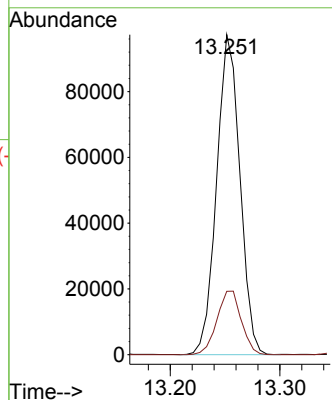
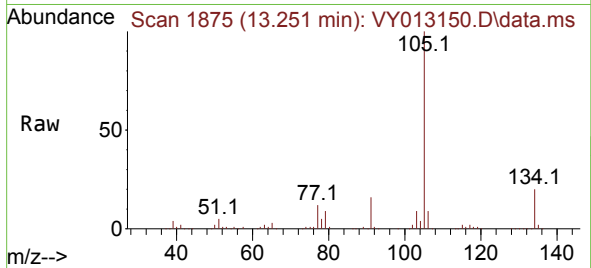




#85
 sec-Butylbenzene
 Concen: 20.646 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

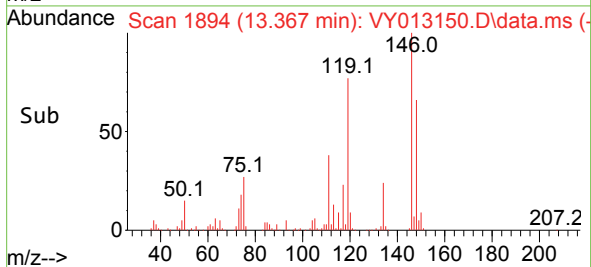
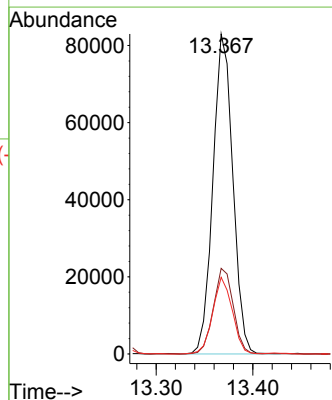
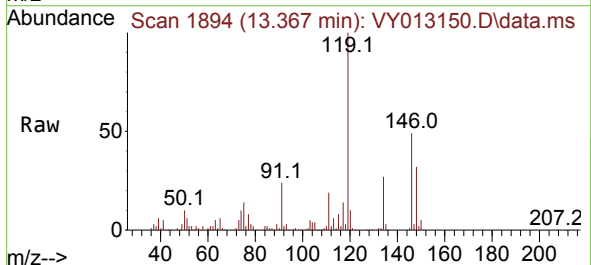
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

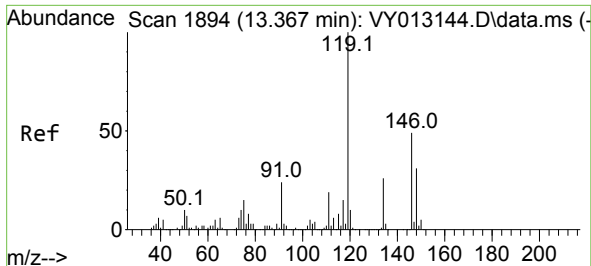
Tgt Ion:105 Resp: 143743
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.695 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

Tgt Ion:119 Resp: 118618
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.2 39.6
 91 23.5 11.8 35.3

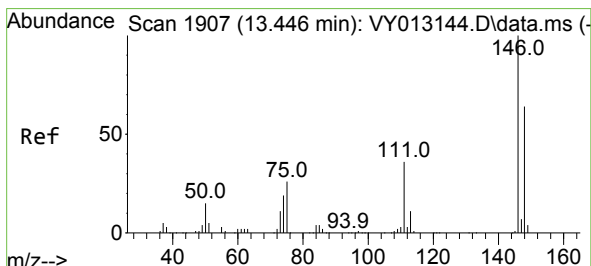
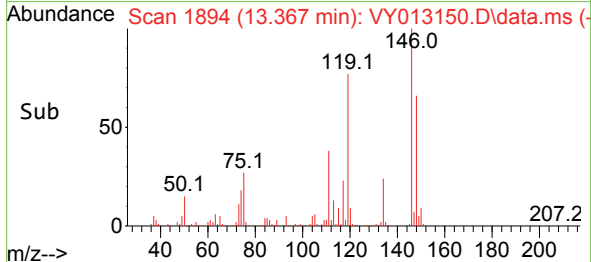
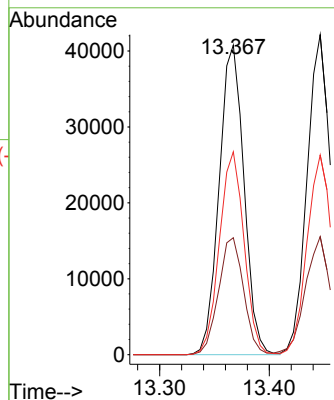
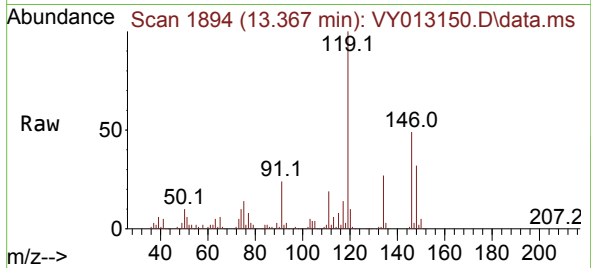




#87
 1,3-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

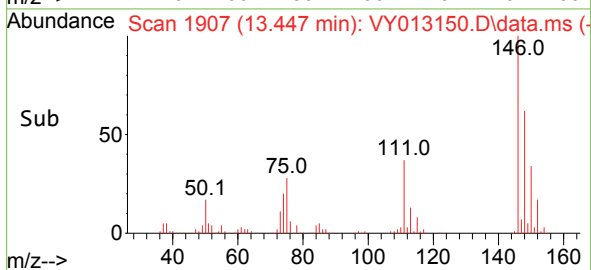
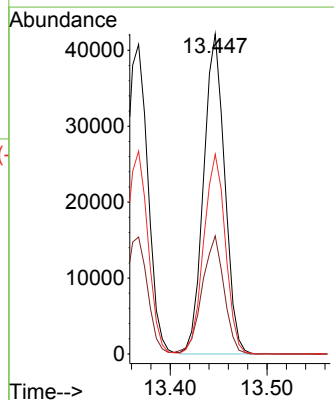
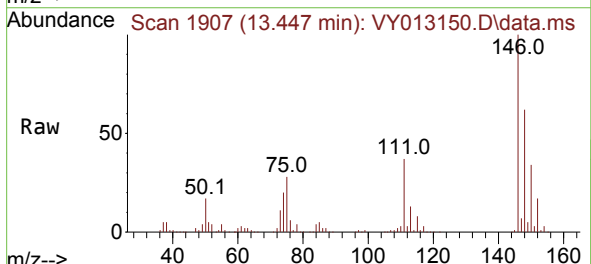
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

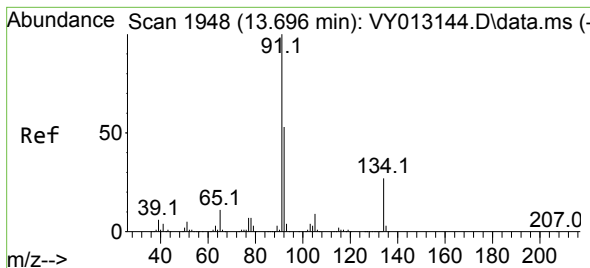
Tgt Ion:146 Resp: 64191
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.5
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.166 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

Tgt Ion:146 Resp: 63949
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 64.3 31.5 94.5





#89

n-Butylbenzene

Concen: 20.410 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

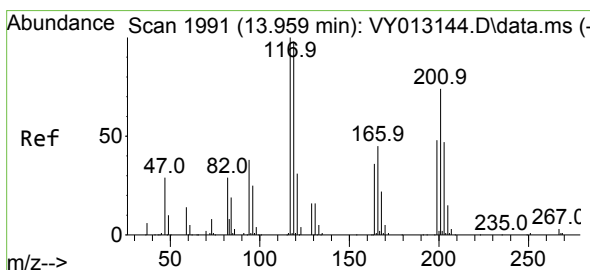
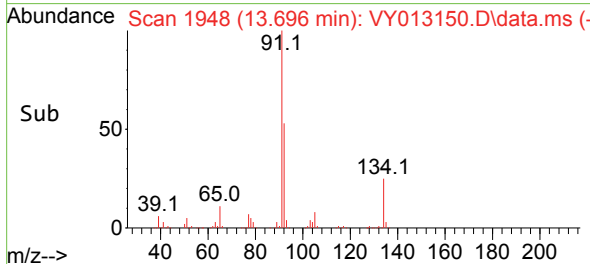
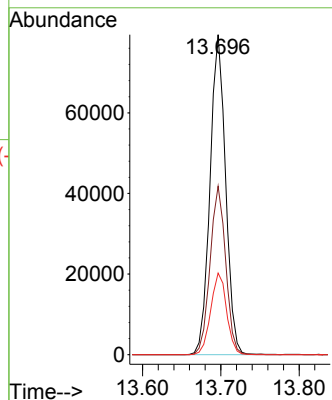
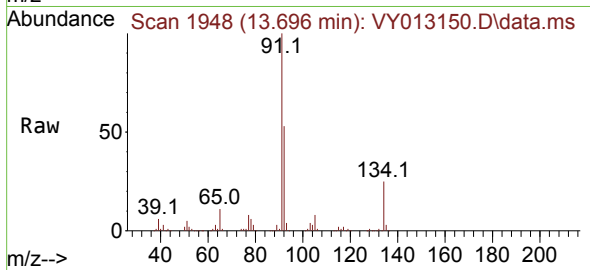
Tgt Ion: 91 Resp: 109360

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 20.002 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013150.D

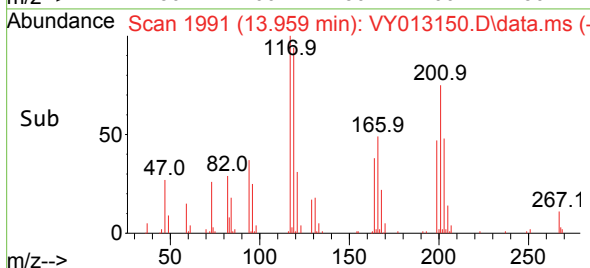
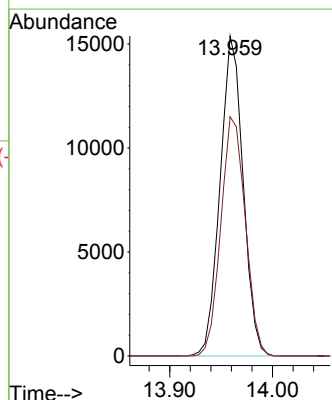
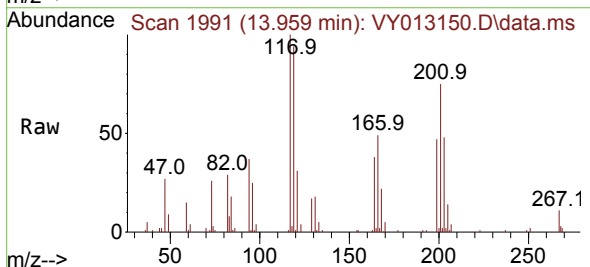
Acq: 30 Mar 2023 14:49

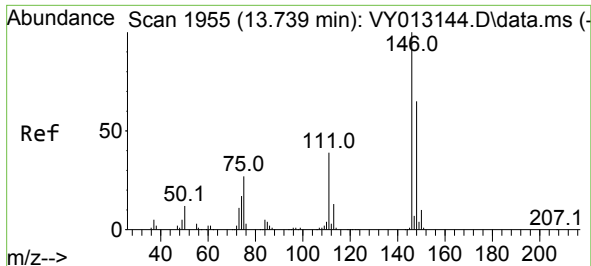
Tgt Ion: 117 Resp: 23883

Ion Ratio Lower Upper

117 100

201 79.6 39.4 118.1

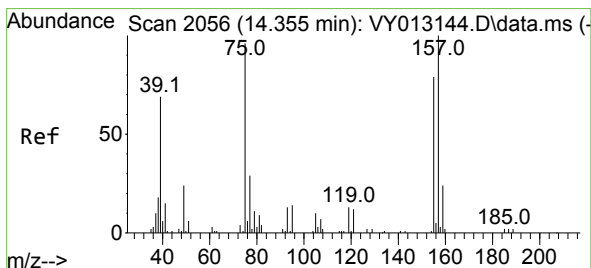
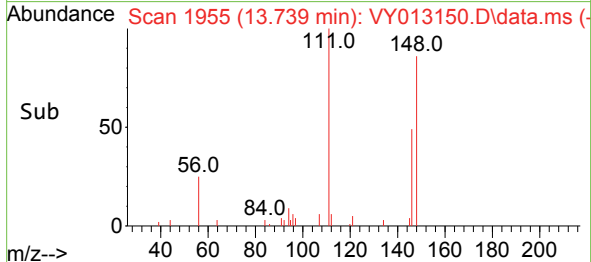
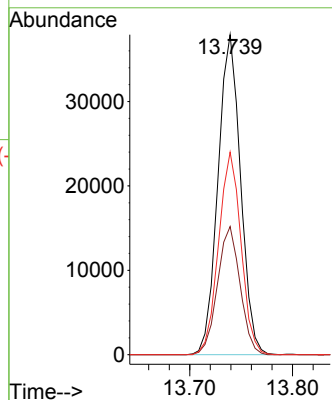
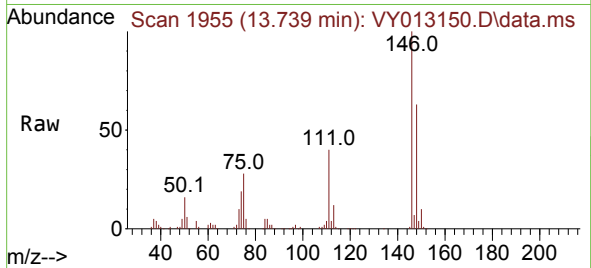




#91
 1,2-Dichlorobenzene
 Concen: 20.442 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

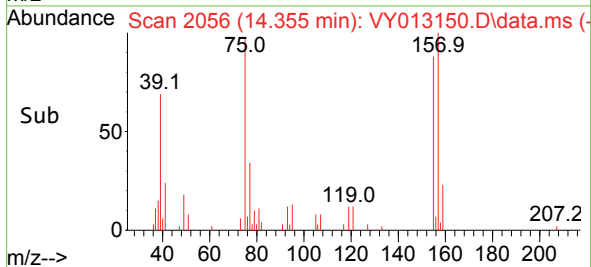
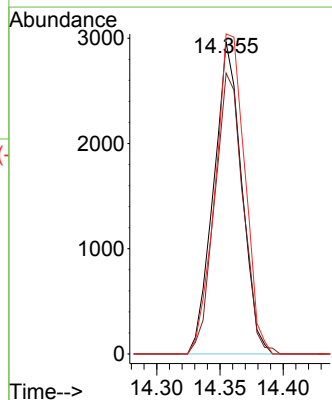
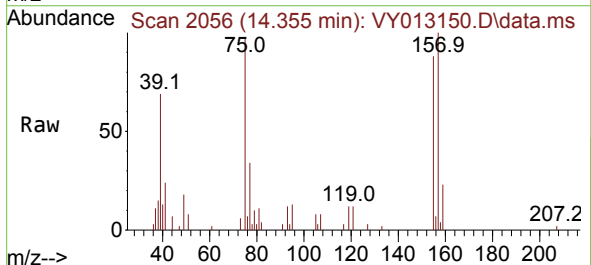
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

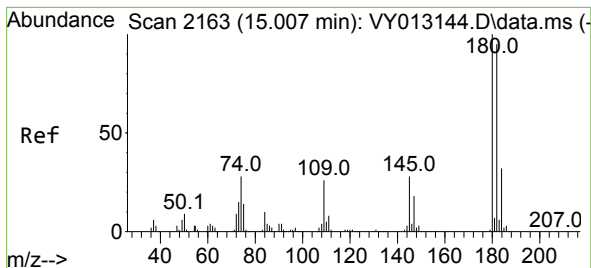
Tgt Ion:146 Resp: 57775
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.7 59.1
 148 62.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.423 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013150.D
 Acq: 30 Mar 2023 14:49

Tgt Ion: 75 Resp: 4571
 Ion Ratio Lower Upper
 75 100
 155 90.9 43.8 131.4
 157 108.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.773 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

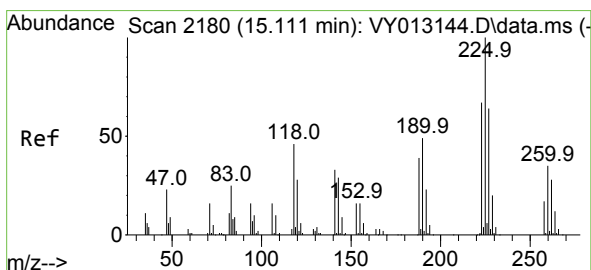
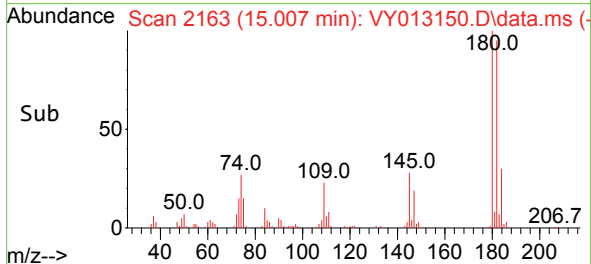
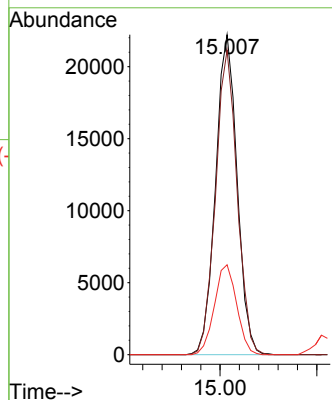
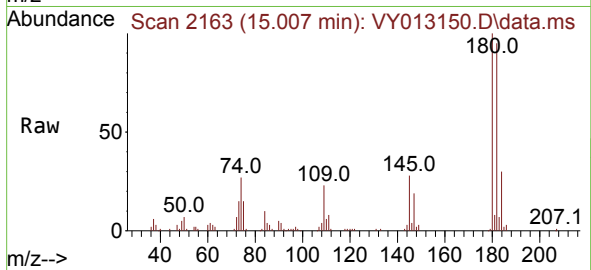
Tgt Ion:180 Resp: 34237

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.1

145 29.1 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.828 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

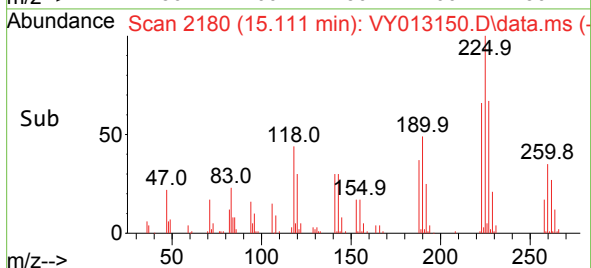
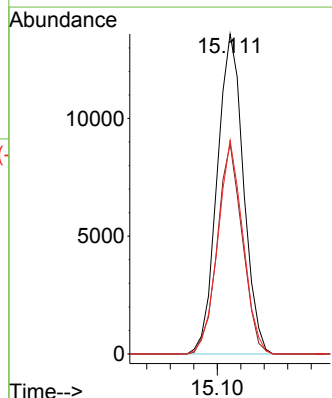
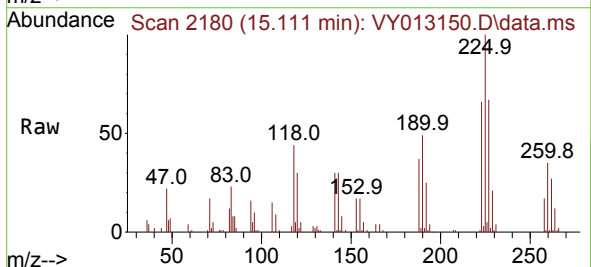
Tgt Ion:225 Resp: 21112

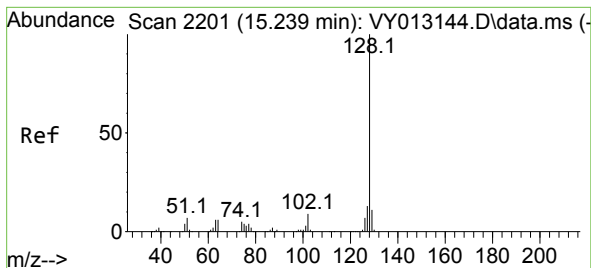
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.3

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 19.966 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

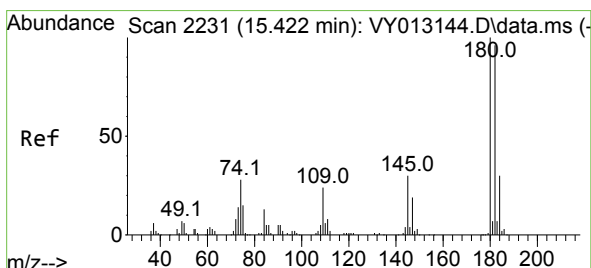
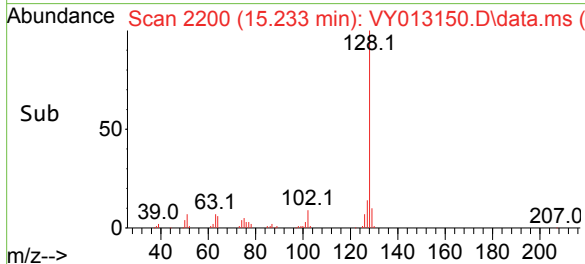
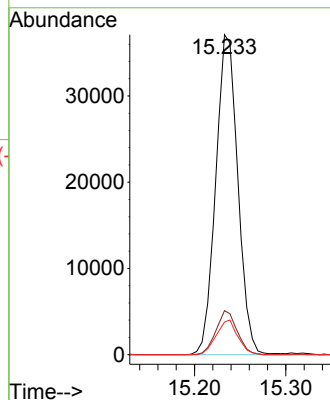
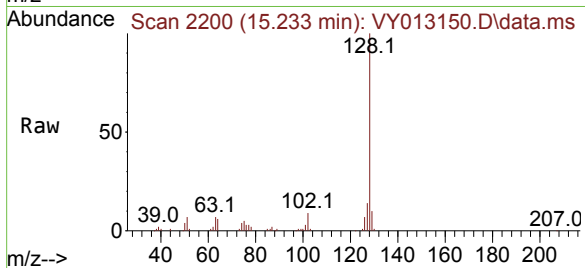
Tgt Ion:128 Resp: 62453

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.705 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013150.D

Acq: 30 Mar 2023 14:49

Tgt Ion:180 Resp: 30066

Ion Ratio Lower Upper

180 100

182 94.4 47.4 142.3

145 31.0 15.3 45.8

