

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013151.D
 Acq On : 30 Mar 2023 15:11
 Operator : KP/MD
 Sample : VY0330SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

Quant Time: Mar 31 05:45:27 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	127181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	184032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	93676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71083	52.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.020%	
35) Dibromofluoromethane	7.716	113	64873	49.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.620%	
50) Toluene-d8	10.179	98	243483	49.028	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.483	95	81427	50.372	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24592	19.725	ug/l	96
3) Chloromethane	2.113	50	25224	19.401	ug/l	92
4) Vinyl Chloride	2.253	62	24126	18.508	ug/l	98
5) Bromomethane	2.637	94	17893	19.450	ug/l	94
6) Chloroethane	2.790	64	15872	19.438	ug/l	98
7) Trichlorofluoromethane	3.125	101	44709	19.271	ug/l	99
8) Diethyl Ether	3.527	74	15183	20.841	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	24212	18.929	ug/l	97
10) Methyl Iodide	4.088	142	33316	20.003	ug/l	98
11) Tert butyl alcohol	4.948	59	15819	128.414	ug/l	99
12) 1,1-Dichloroethene	3.869	96	24057	19.456	ug/l	98
13) Acrolein	3.723	56	20306	117.461	ug/l	99
14) Allyl chloride	4.479	41	43174	20.493	ug/l	97
15) Acrylonitrile	5.155	53	41190	113.781	ug/l	100
16) Acetone	3.942	43	41978	100.439	ug/l	98
17) Carbon Disulfide	4.192	76	79167	19.226	ug/l	98
18) Methyl Acetate	4.472	43	30318	23.022	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	69748	22.261	ug/l	97
20) Methylene Chloride	4.716	84	37378	23.008	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	28433	20.409	ug/l	95
22) Diisopropyl ether	6.112	45	89355	21.709	ug/l	96
23) Vinyl Acetate	6.058	43	264899	113.173	ug/l	99
24) 1,1-Dichloroethane	6.015	63	50139	20.568	ug/l	99
25) 2-Butanone	6.984	43	58576	112.086	ug/l	97
26) 2,2-Dichloropropane	6.978	77	43548	19.861	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	31321	20.869	ug/l	99
28) Bromochloromethane	7.332	49	21543	20.595	ug/l	94
29) Tetrahydrofuran	7.344	42	37065	119.812	ug/l	99
30) Chloroform	7.502	83	51531	20.413	ug/l	100
31) Cyclohexane	7.783	56	41957	18.803	ug/l #	87
32) 1,1,1-Trichloroethane	7.697	97	44466	19.923	ug/l	99
36) 1,1-Dichloropropene	7.917	75	37658	19.015	ug/l	99
37) Ethyl Acetate	7.070	43	25458	22.629	ug/l	99
38) Carbon Tetrachloride	7.899	117	39804	18.216	ug/l	98
39) Methylcyclohexane	9.179	83	42266	18.192	ug/l	94
40) Benzene	8.161	78	113125	19.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	34451	69.028	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	35922	20.498	ug/l	100
43) Isopropyl Acetate	8.271	43	43497	21.600	ug/l	97
44) Trichloroethene	8.941	130	30711	19.504	ug/l	99
45) 1,2-Dichloropropane	9.215	63	28782	20.095	ug/l	96
46) Dibromomethane	9.301	93	17104	20.787	ug/l	98
47) Bromodichloromethane	9.496	83	40023	20.159	ug/l #	96
48) Methyl methacrylate	9.289	41	19714	21.020	ug/l	92
49) 1,4-Dioxane	9.295	88	4559	465.745	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	122972	113.152	ug/l	99
52) Toluene	10.246	92	70306	19.815	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41313	20.358	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	46813	20.199	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	23016	20.236	ug/l	99
56) Ethyl methacrylate	10.508	69	29563	20.673	ug/l	98
57) 1,3-Dichloropropane	10.788	76	39731	20.692	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76696	114.703	ug/l	98
59) 2-Hexanone	10.831	43	86938	110.609	ug/l	98
60) Dibromochloromethane	10.983	129	29419	20.594	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22895	20.776	ug/l	98
64) Tetrachloroethene	10.721	164	26594	18.797	ug/l	99
65) Chlorobenzene	11.514	112	76485	19.577	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	29249	19.970	ug/l	99
67) Ethyl Benzene	11.593	91	130585	19.353	ug/l	100
68) m/p-Xylenes	11.703	106	103252	39.557	ug/l	99
69) o-Xylene	12.026	106	48566	20.059	ug/l	97
70) Styrene	12.044	104	82237	20.305	ug/l	99
71) Bromoform	12.209	173	19247	21.192	ug/l #	96
73) Isopropylbenzene	12.331	105	124066	19.187	ug/l	98
74) N-amyl acetate	12.142	43	37597	21.176	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	28435	20.994	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	36873	35.039	ug/l #	100
77) Bromobenzene	12.605	156	32424	20.169	ug/l	96
78) n-propylbenzene	12.672	91	152095	19.130	ug/l	99
79) 2-Chlorotoluene	12.758	91	88458	19.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	106413	19.684	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	10067	21.334	ug/l	100
82) 4-Chlorotoluene	12.855	91	92864	19.778	ug/l	98
83) tert-Butylbenzene	13.075	119	89848	19.350	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	106140	20.048	ug/l	99
85) sec-Butylbenzene	13.251	105	134536	19.189	ug/l	100
86) p-Isopropyltoluene	13.367	119	113444	19.655	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	63042	19.782	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	63486	19.880	ug/l	99
89) n-Butylbenzene	13.696	91	102794	19.051	ug/l	99
90) Hexachloroethane	13.959	117	22948	19.085	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	57087	20.058	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4741	21.035	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	33824	20.379	ug/l	97
94) Hexachlorobutadiene	15.111	225	19734	19.333	ug/l	98
95) Naphthalene	15.233	128	66497	20.925	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	30519	20.871	ug/l	99

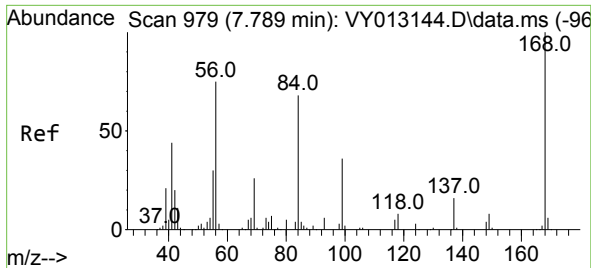
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
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ClientSampleId :
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QLast Update : Fri Mar 31 05:07:15 2023
Response via : Initial Calibration

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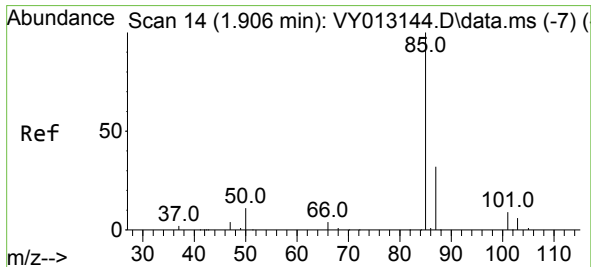
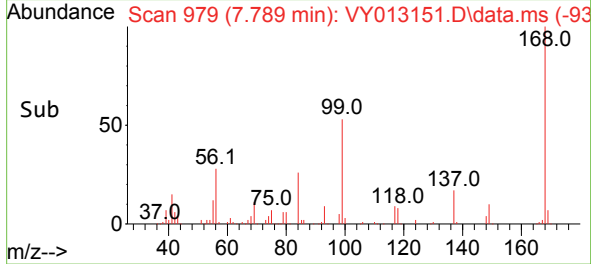
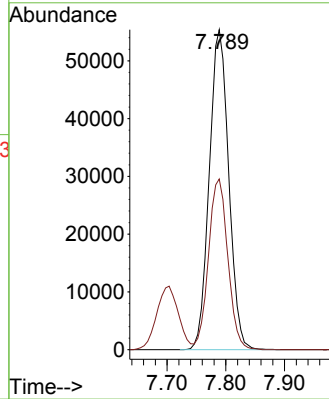
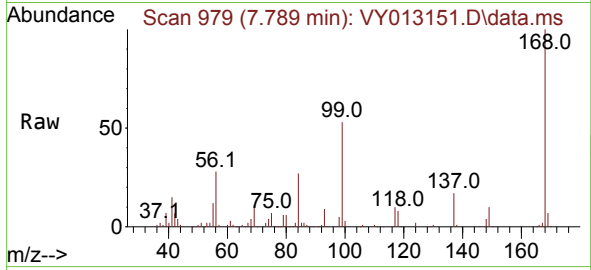
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013151.D
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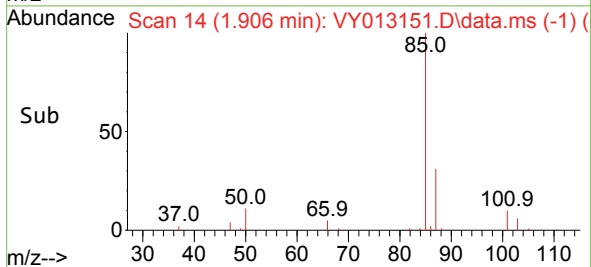
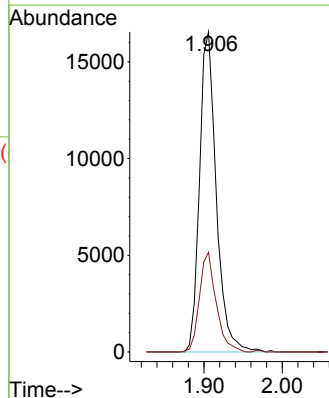
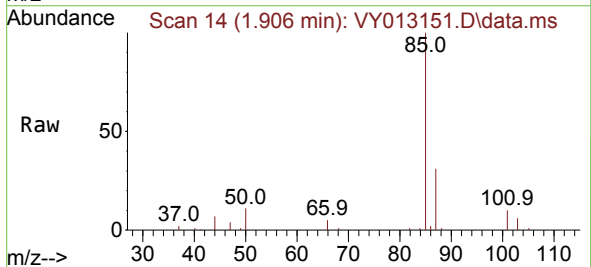
Instrument :
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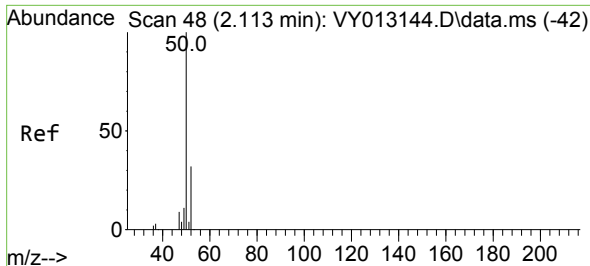
Tgt Ion:168 Resp: 127181
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 85 Resp: 24592
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.0

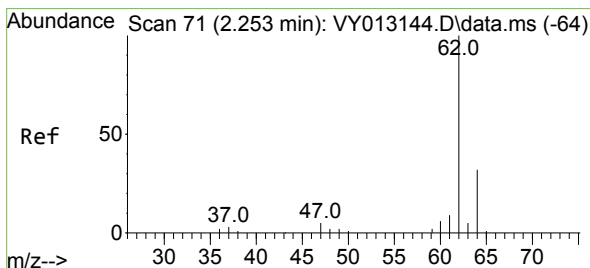
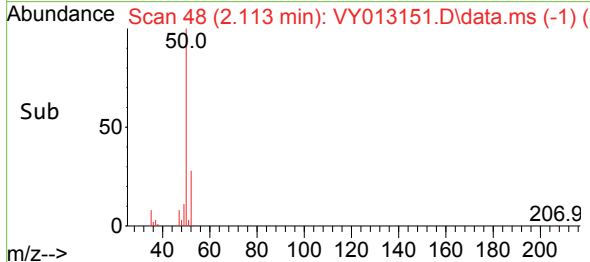
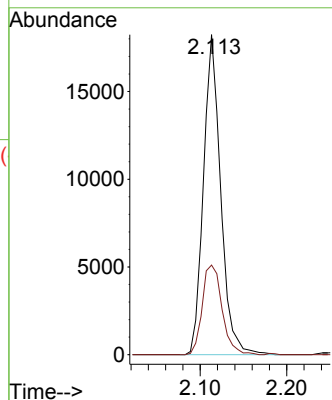
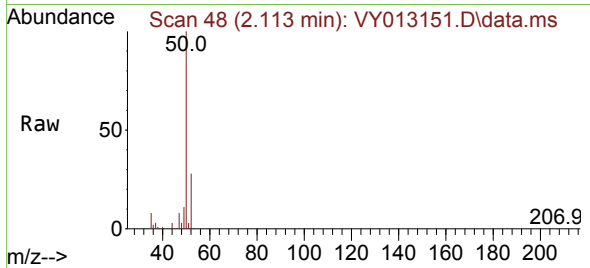




#3
Chloromethane
Concen: 19.401 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

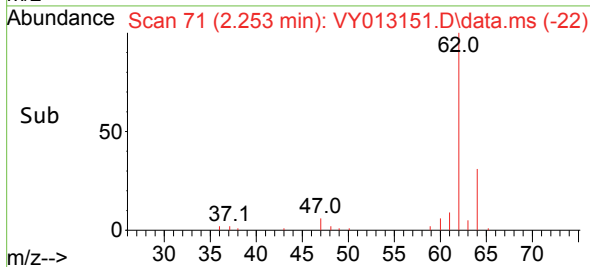
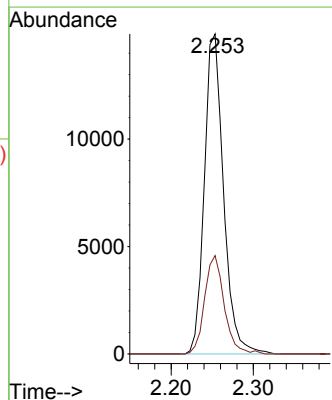
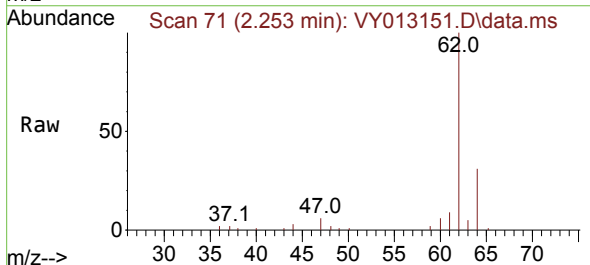
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ClientSampleId :
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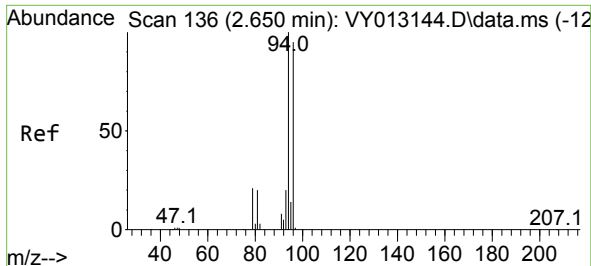
Tgt Ion: 50 Resp: 25224
Ion Ratio Lower Upper
50 100
52 28.0 26.0 39.0



#4
Vinyl Chloride
Concen: 18.508 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 62 Resp: 24126
Ion Ratio Lower Upper
62 100
64 30.8 25.6 38.4

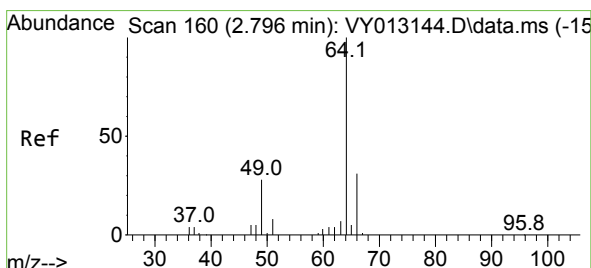
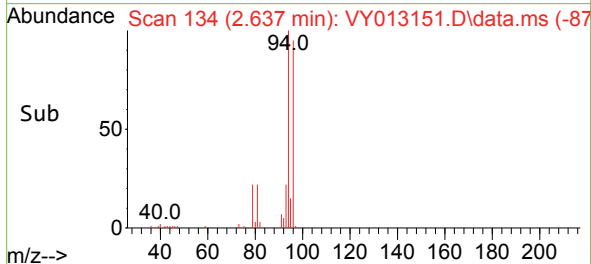
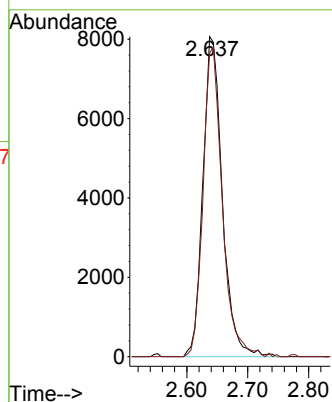
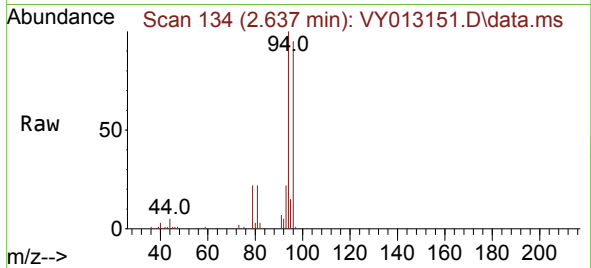




#5
Bromomethane
Concen: 19.450 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

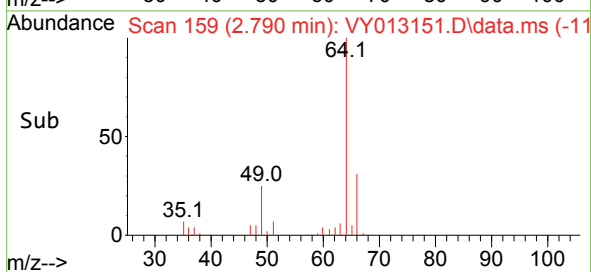
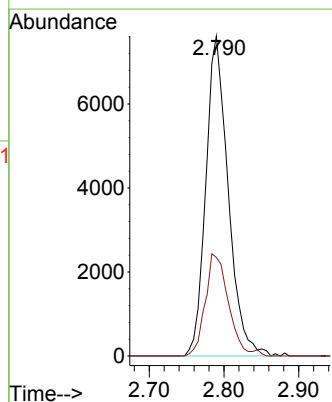
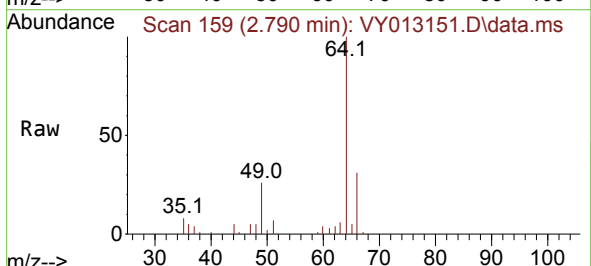
Instrument :
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ClientSampleId :
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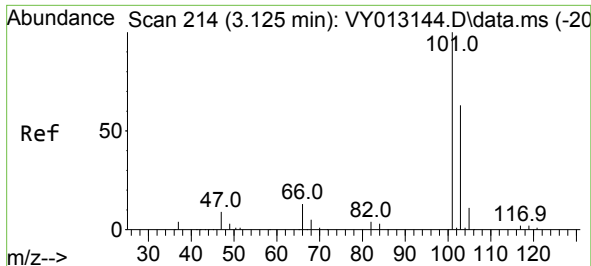
Tgt Ion: 94 Resp: 17893
Ion Ratio Lower Upper
94 100
96 94.8 80.3 120.5



#6
Chloroethane
Concen: 19.438 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 64 Resp: 15872
Ion Ratio Lower Upper
64 100
66 30.8 25.7 38.5

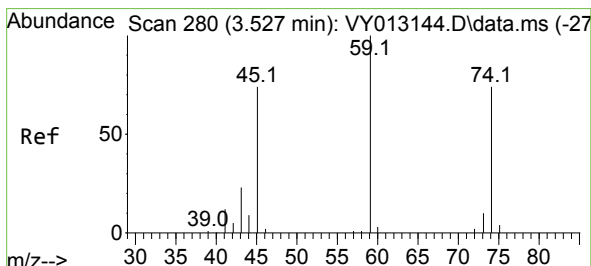
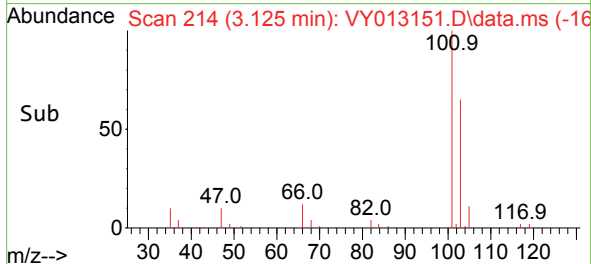
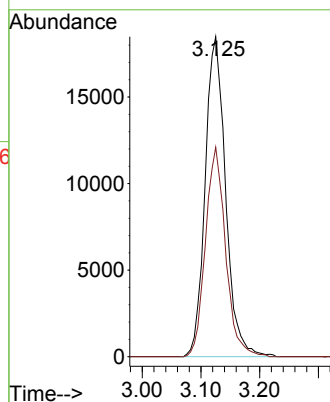
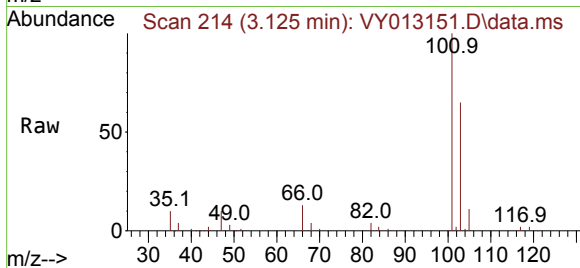




#7
 Trichlorofluoromethane
 Concen: 19.271 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

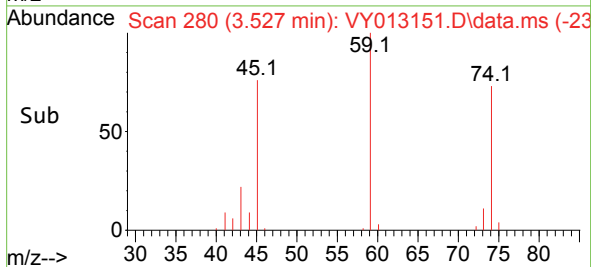
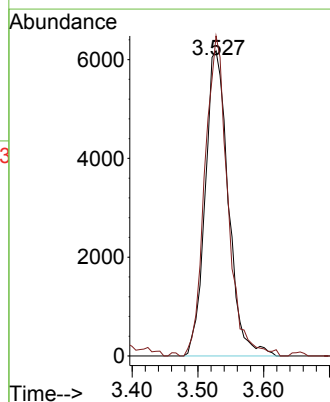
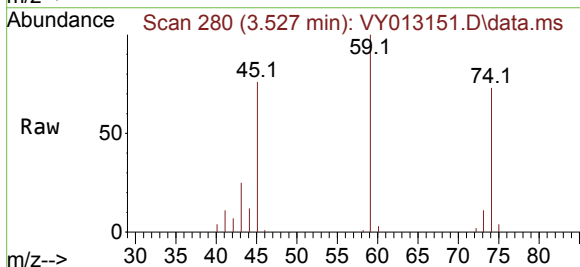
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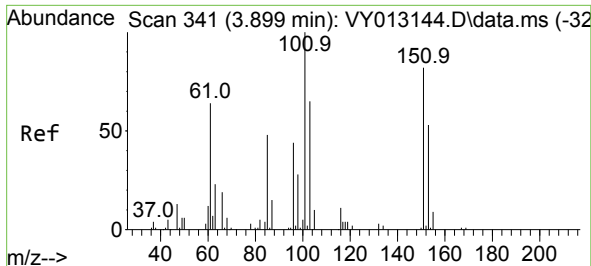
Tgt Ion:101 Resp: 44709
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.841 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion: 74 Resp: 15183
 Ion Ratio Lower Upper
 74 100
 45 103.4 52.1 156.4

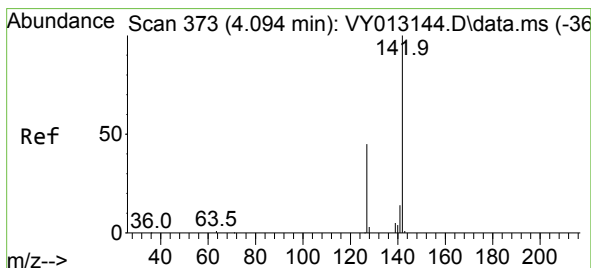
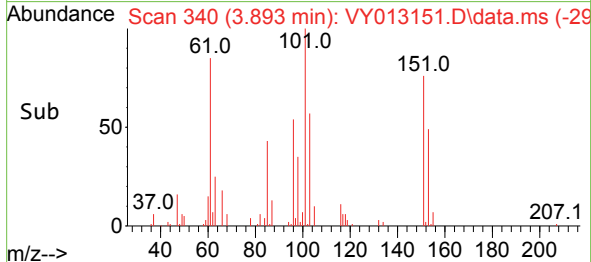
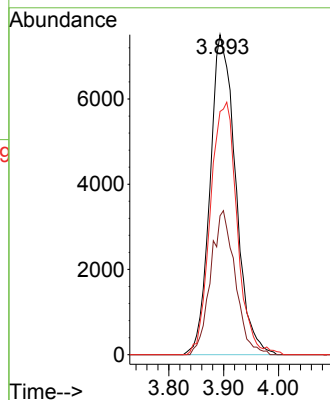
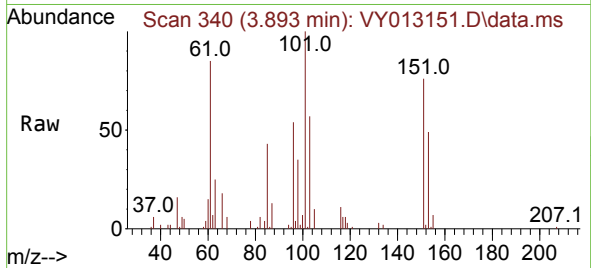




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.929 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013151.D
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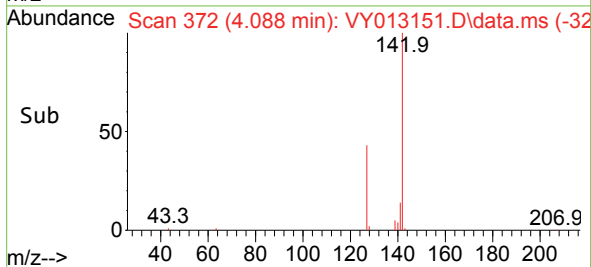
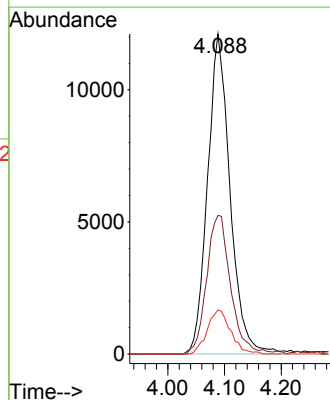
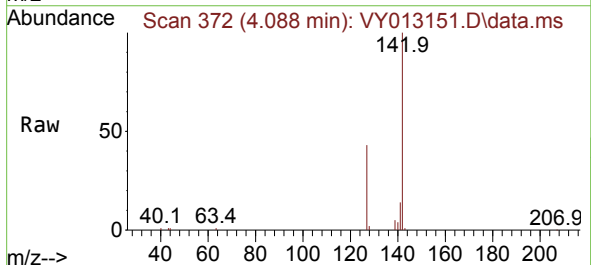
Instrument :
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ClientSampleId :
VY0330SBS01

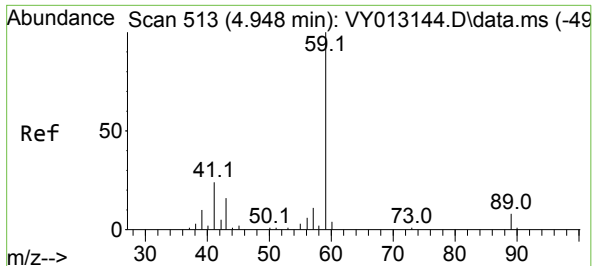
Tgt Ion:101 Resp: 24212
Ion Ratio Lower Upper
101 100
85 43.5 35.3 52.9
151 82.8 63.1 94.7



#10
Methyl Iodide
Concen: 20.003 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion:142 Resp: 33316
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.2
141 14.3 11.3 16.9

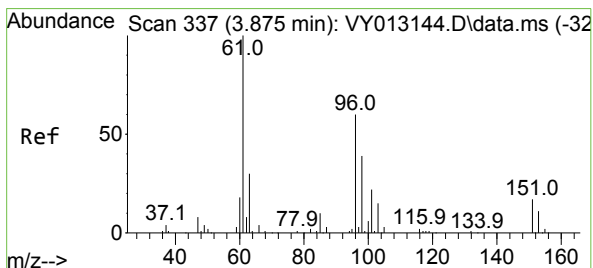
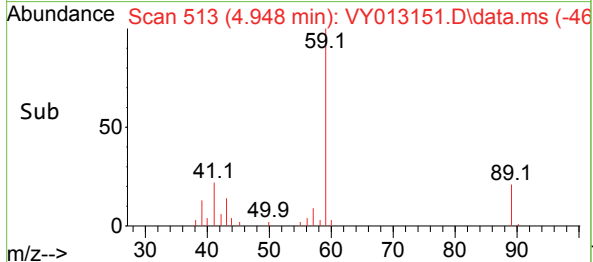
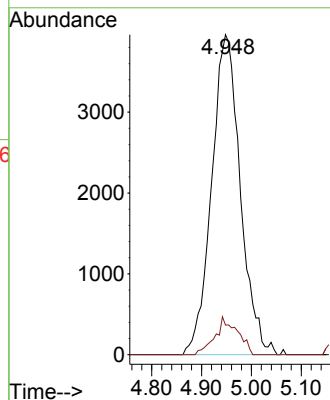
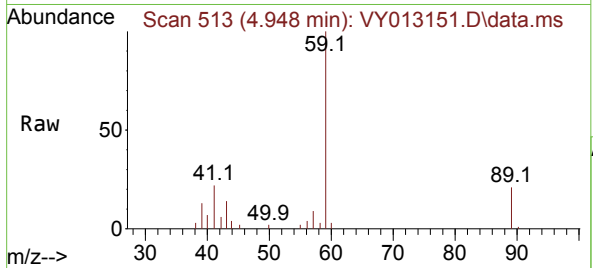




#11
Tert butyl alcohol
Concen: 128.414 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

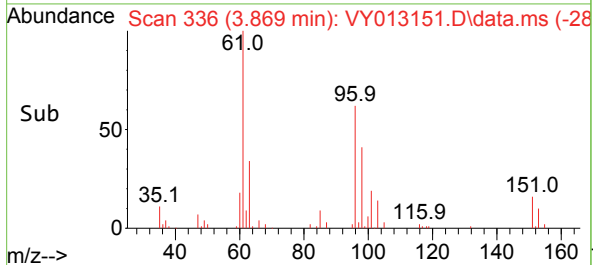
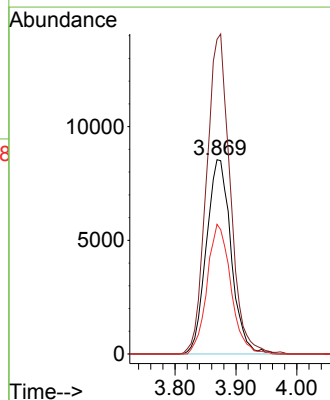
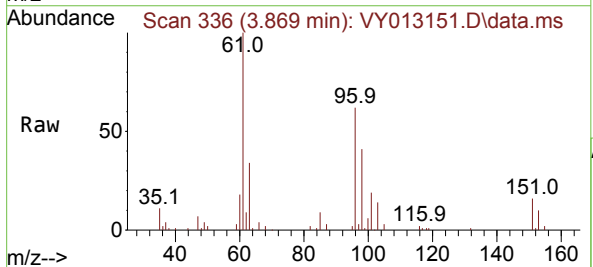
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

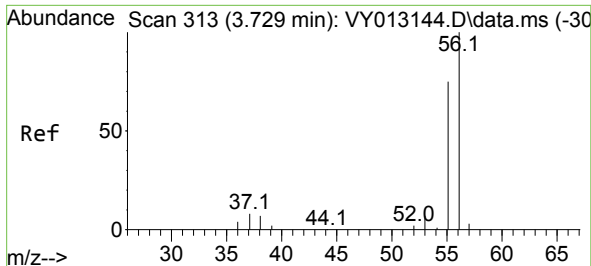
Tgt Ion: 59 Resp: 15819
Ion Ratio Lower Upper
59 100
57 9.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.456 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 96 Resp: 24057
Ion Ratio Lower Upper
96 100
61 162.0 131.7 197.5
98 66.7 52.0 78.0





#13

Acrolein

Concen: 117.461 ug/l

RT: 3.723 min Scan# 313

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

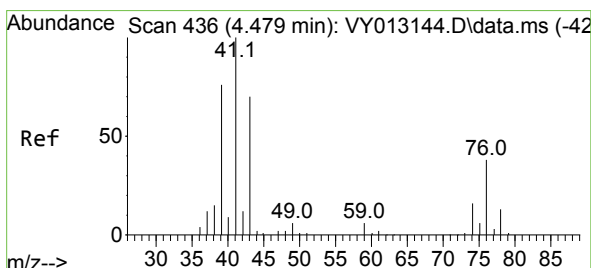
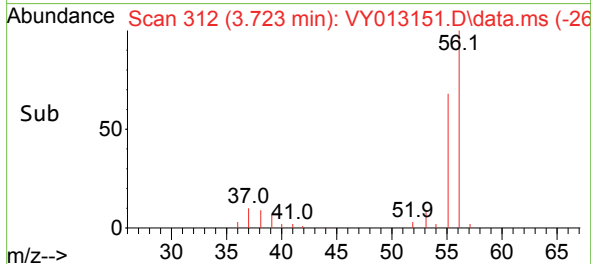
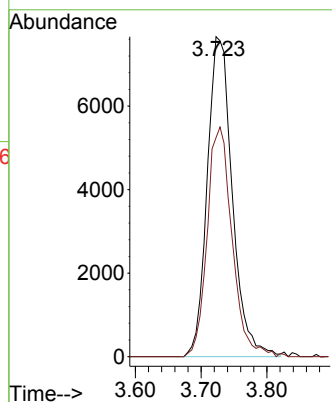
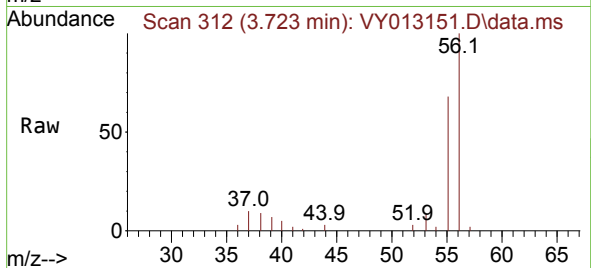
VY0330SBS01

Tgt Ion: 56 Resp: 20306

Ion Ratio Lower Upper

56 100

55 71.5 56.8 85.2



#14

Allyl chloride

Concen: 20.493 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

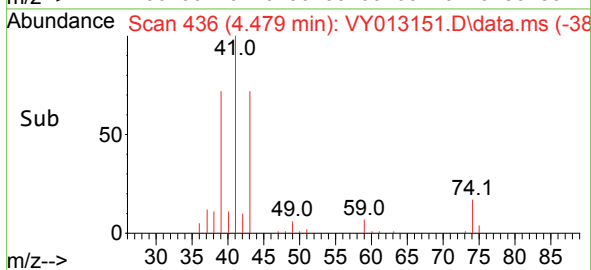
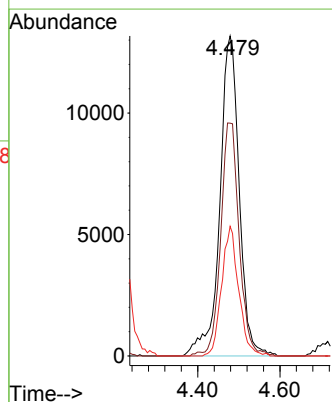
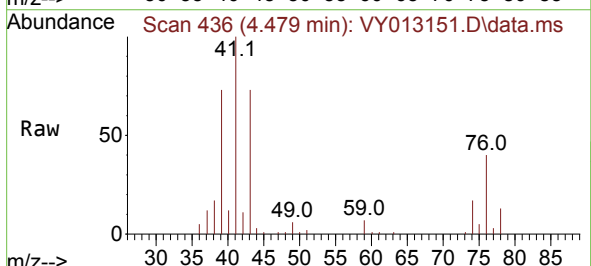
Tgt Ion: 41 Resp: 43174

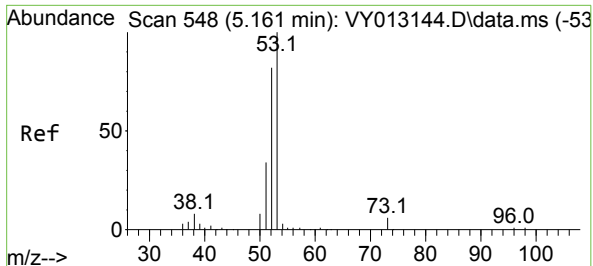
Ion Ratio Lower Upper

41 100

39 69.2 53.6 80.4

76 35.6 27.2 40.8

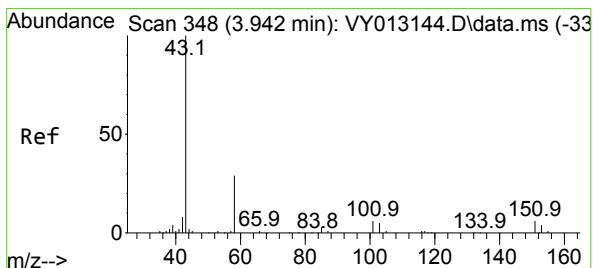
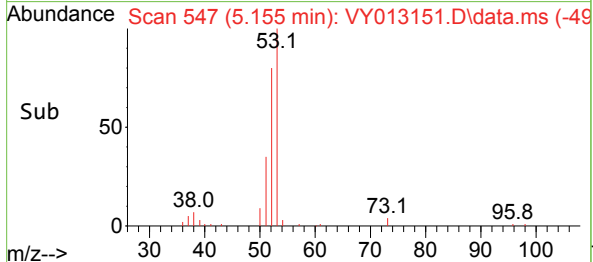
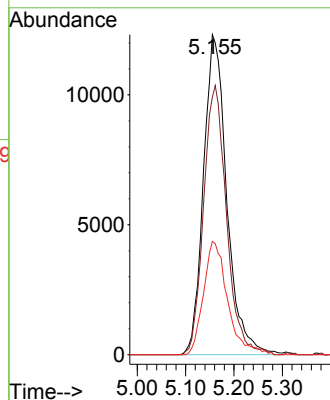
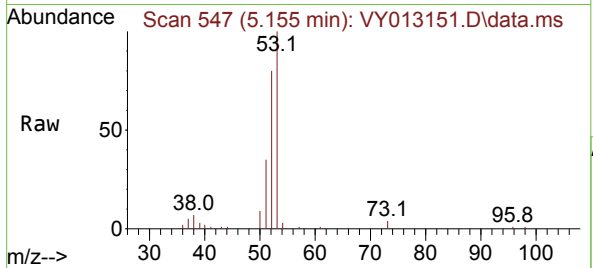




#15
Acrylonitrile
Concen: 113.781 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

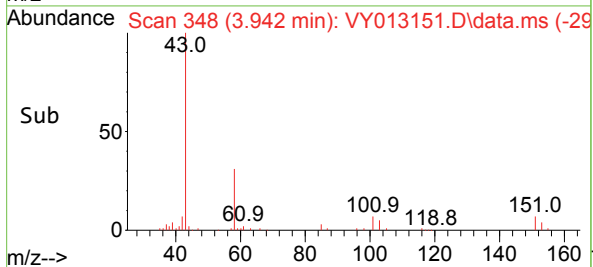
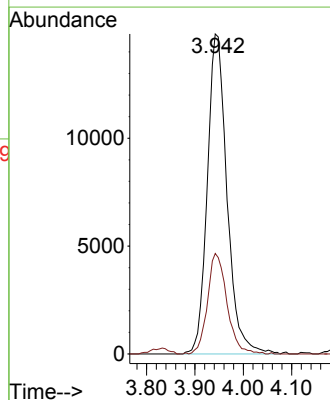
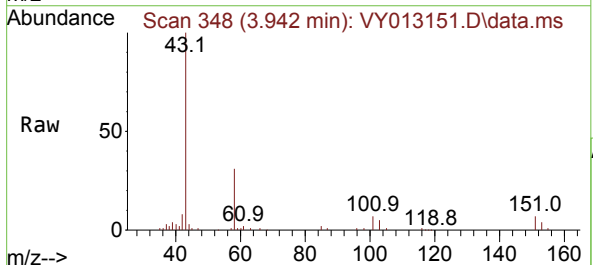
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

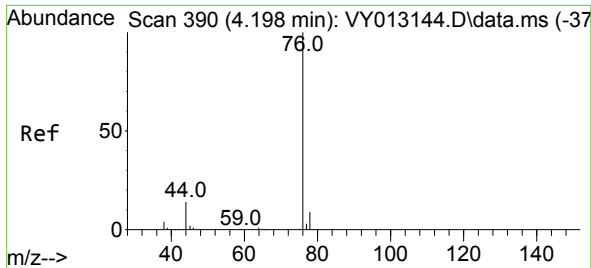
Tgt Ion: 53 Resp: 41190
Ion Ratio Lower Upper
53 100
52 82.9 66.3 99.5
51 36.6 28.8 43.2



#16
Acetone
Concen: 100.439 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 43 Resp: 41978
Ion Ratio Lower Upper
43 100
58 31.4 24.2 36.2

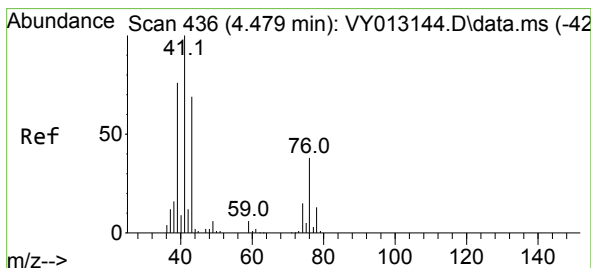
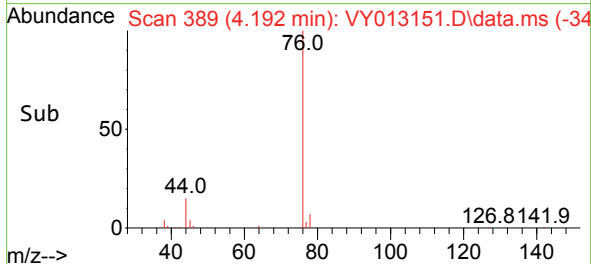
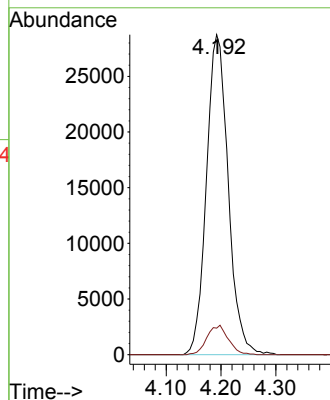
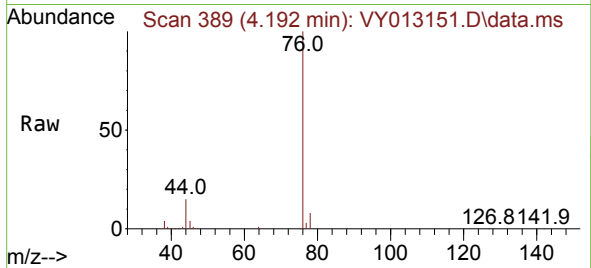




#17
Carbon Disulfide
Concen: 19.226 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

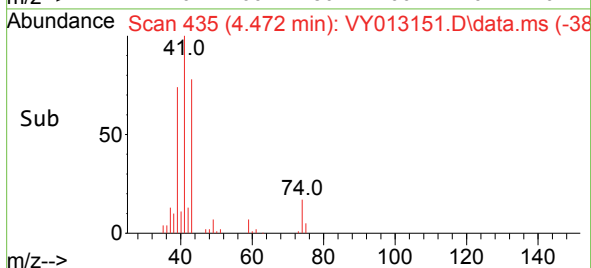
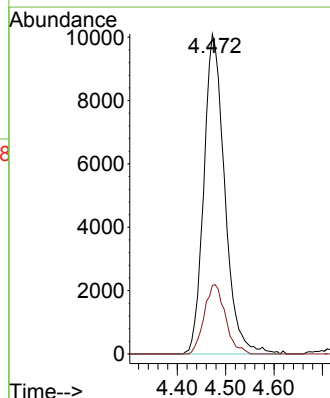
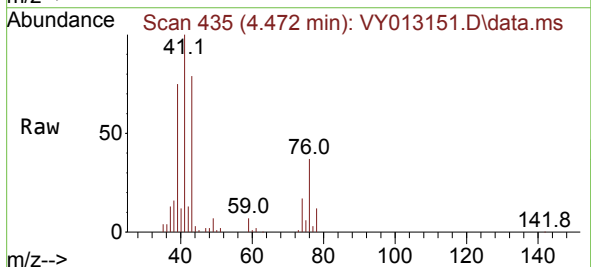
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

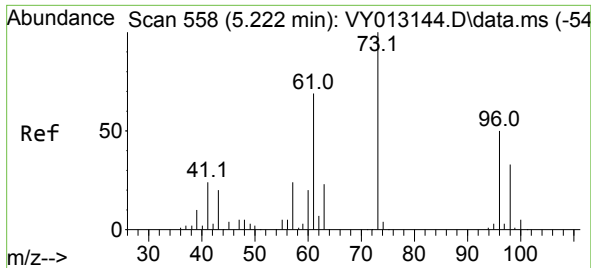
Tgt Ion: 76 Resp: 79167
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#18
Methyl Acetate
Concen: 23.022 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 43 Resp: 30318
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

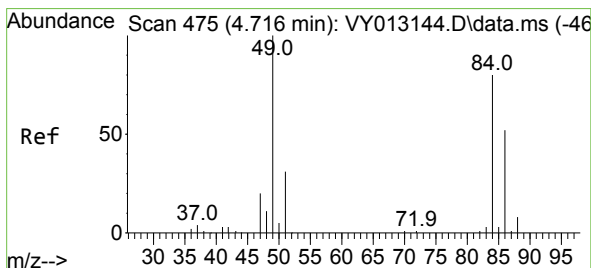
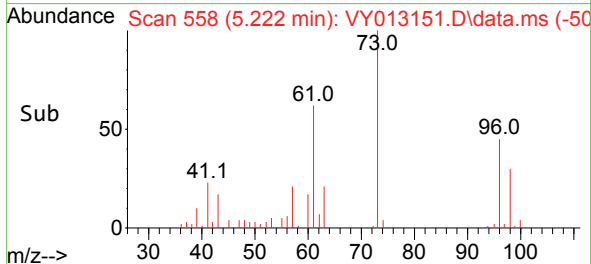
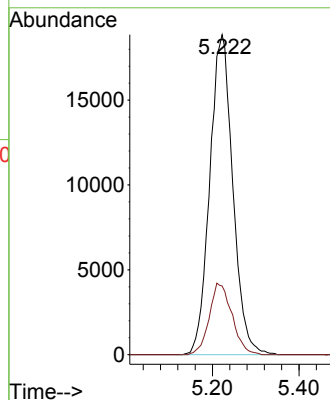
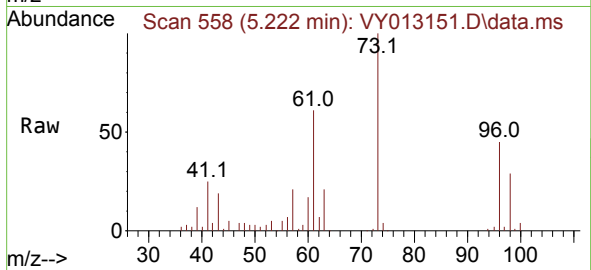




#19
Methyl tert-butyl Ether
Concen: 22.261 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

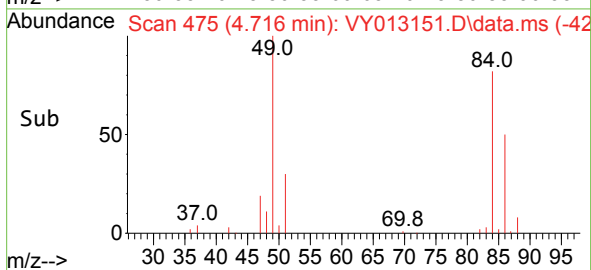
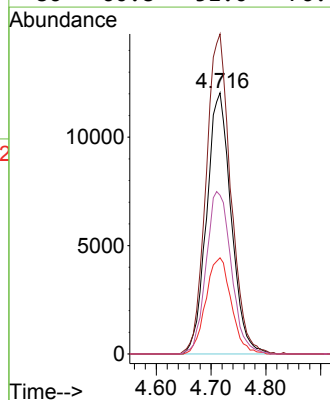
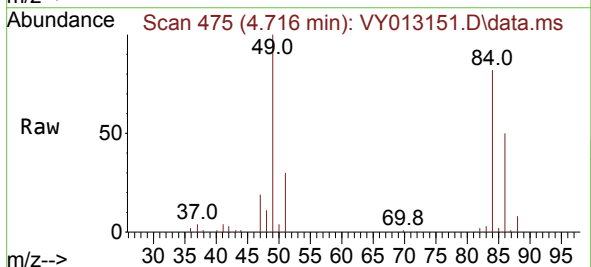
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

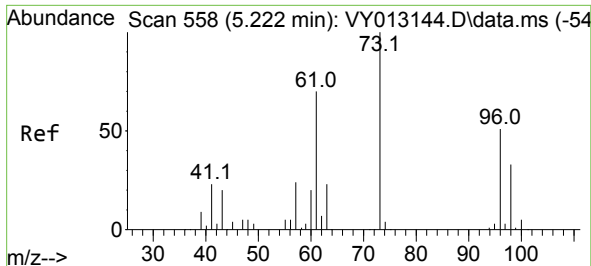
Tgt Ion: 73 Resp: 69748
Ion Ratio Lower Upper
73 100
57 21.5 18.3 27.5



#20
Methylene Chloride
Concen: 23.008 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 84 Resp: 37378
Ion Ratio Lower Upper
84 100
49 122.5 102.6 154.0
51 36.8 31.9 47.9
86 60.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.409 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

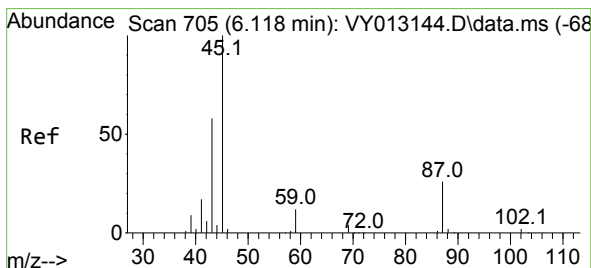
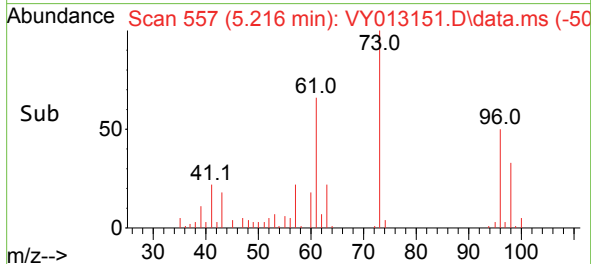
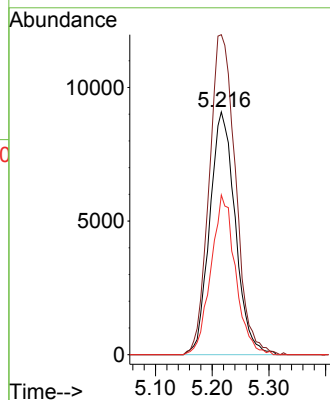
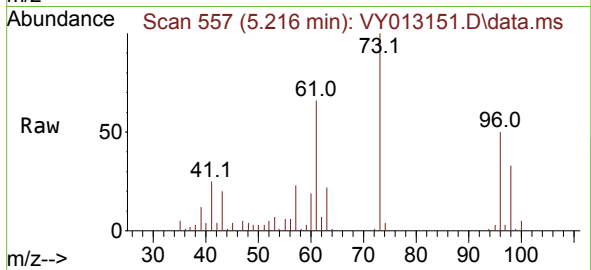
Tgt Ion: 96 Resp: 28433

Ion Ratio Lower Upper

96 100

61 131.9 111.4 167.0

98 65.8 50.8 76.2



#22

Diisopropyl ether

Concen: 21.709 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Tgt Ion: 45 Resp: 89355

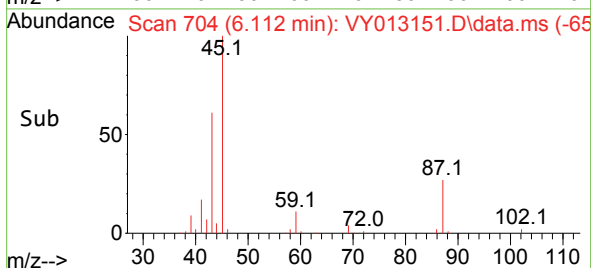
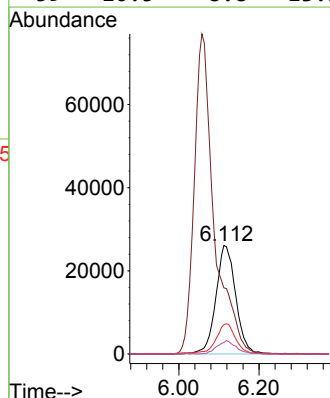
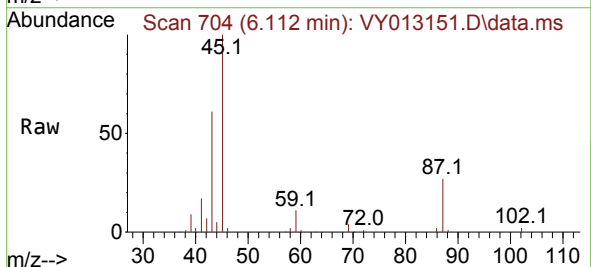
Ion Ratio Lower Upper

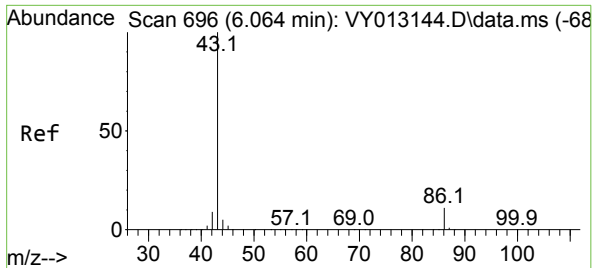
45 100

43 60.4 45.0 67.6

87 27.0 20.3 30.5

59 10.5 8.8 13.2

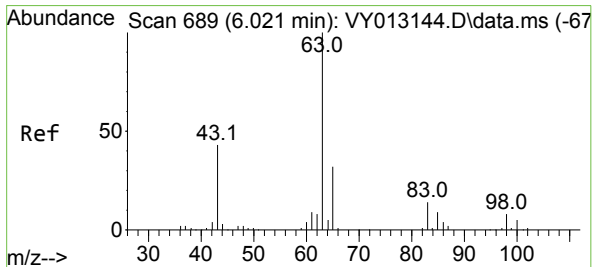
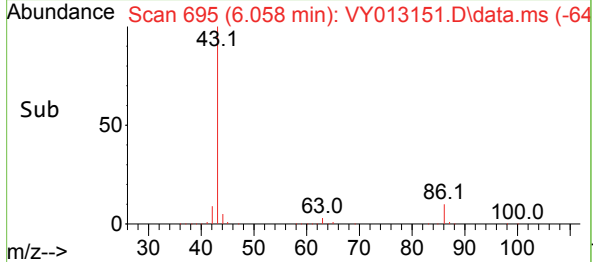
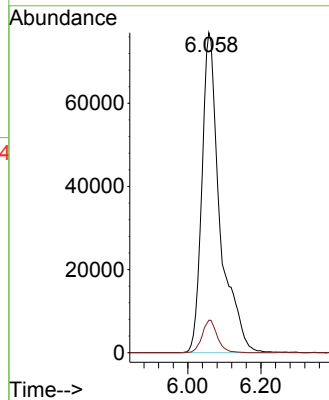
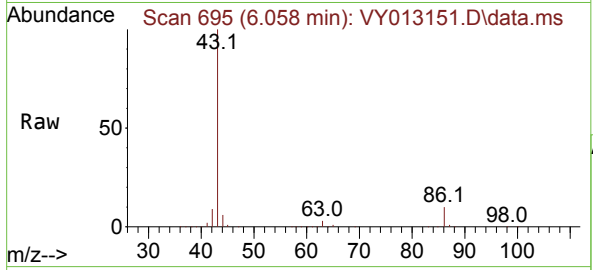




#23
 Vinyl Acetate
 Concen: 113.173 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

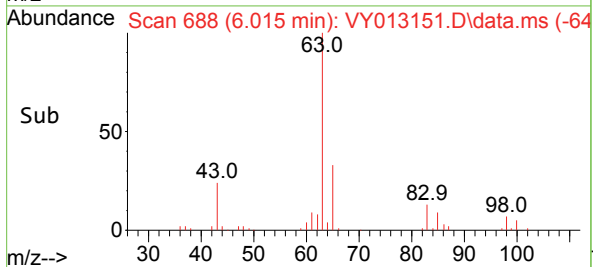
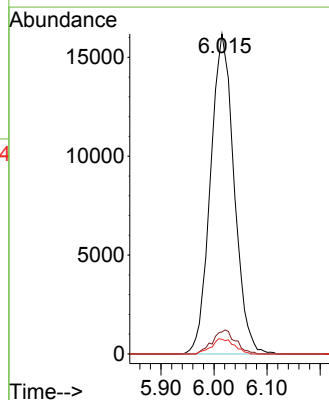
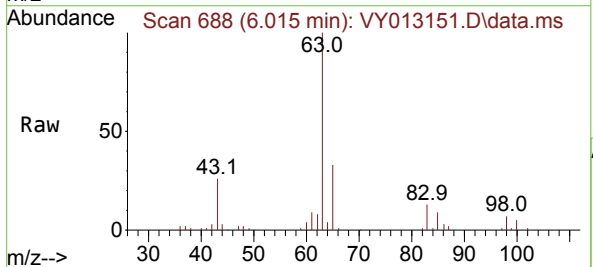
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

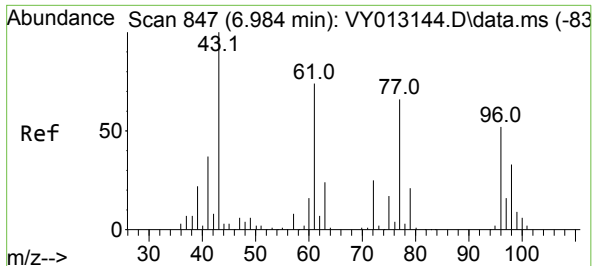
Tgt Ion: 43 Resp: 264899
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.568 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion: 63 Resp: 50139
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 112.086 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

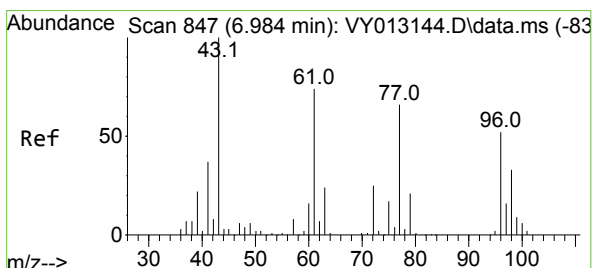
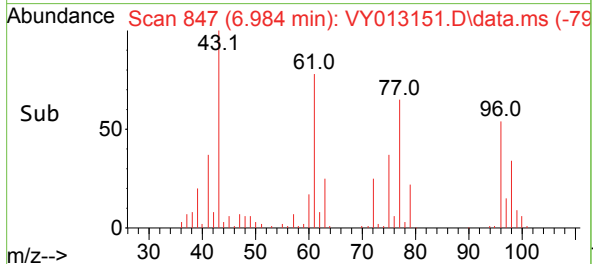
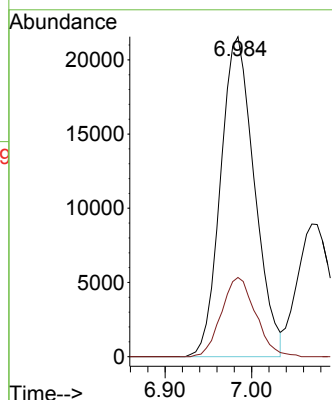
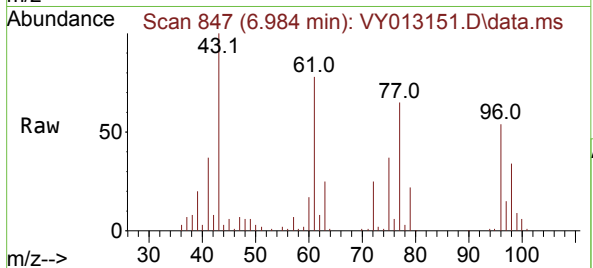
VY0330SBS01

Tgt Ion: 43 Resp: 58576

Ion Ratio Lower Upper

43 100

72 24.8 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.861 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013151.D

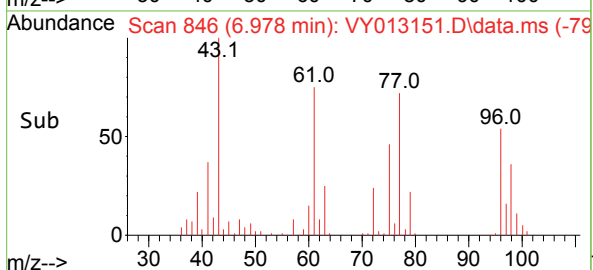
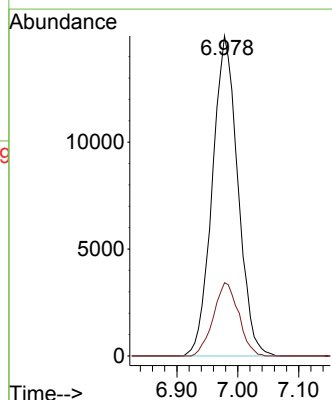
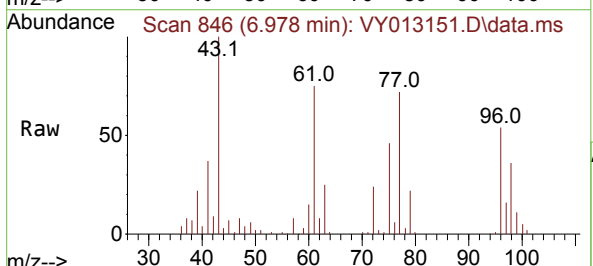
Acq: 30 Mar 2023 15:11

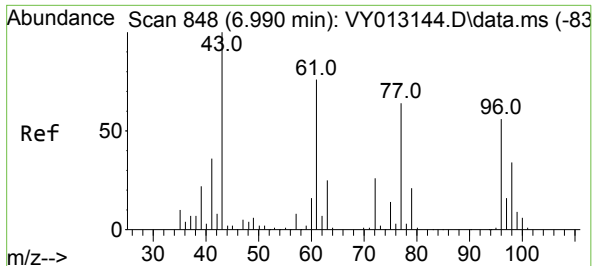
Tgt Ion: 77 Resp: 43548

Ion Ratio Lower Upper

77 100

97 22.6 11.7 35.0

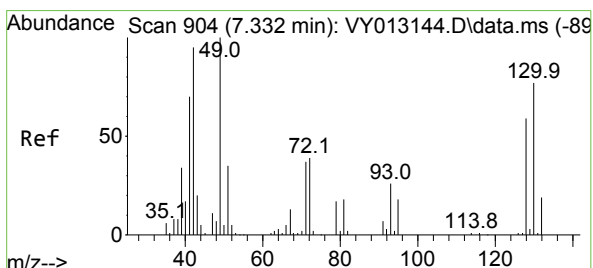
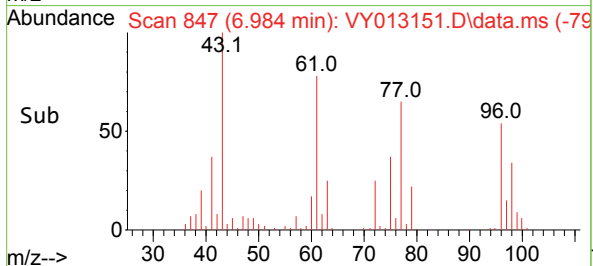
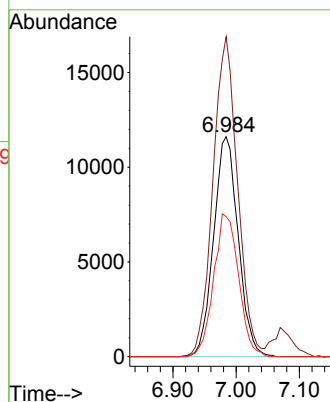
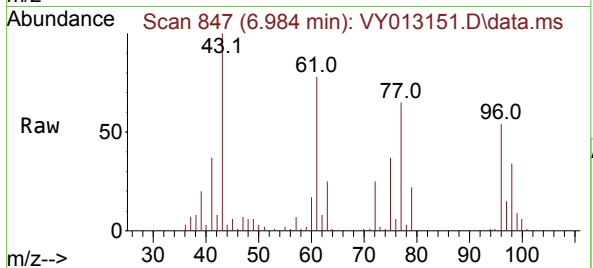




#27
cis-1,2-Dichloroethene
Concen: 20.869 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

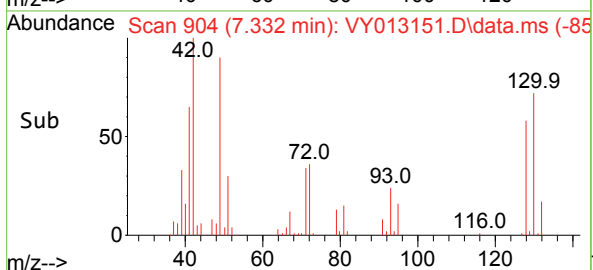
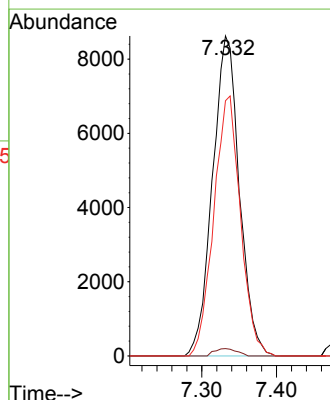
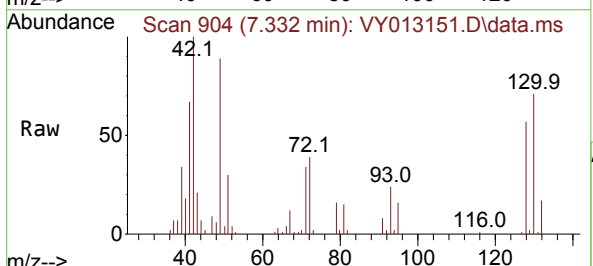
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

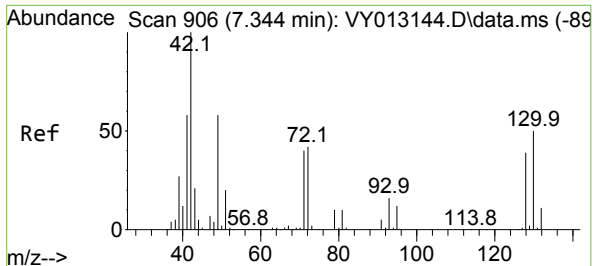
Tgt Ion: 96 Resp: 31321
Ion Ratio Lower Upper
96 100
61 145.8 0.0 295.8
98 65.8 0.0 130.2



#28
Bromochloromethane
Concen: 20.595 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 49 Resp: 21543
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.2
130 80.7 60.5 90.7





#29

Tetrahydrofuran

Concen: 119.812 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

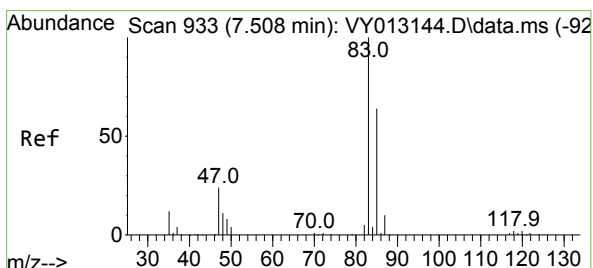
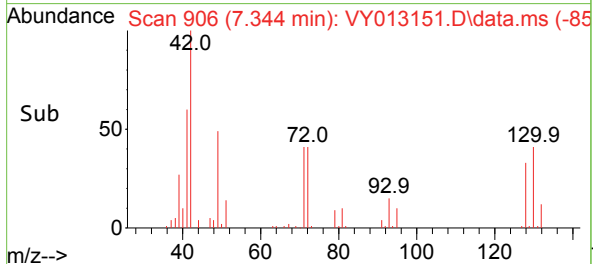
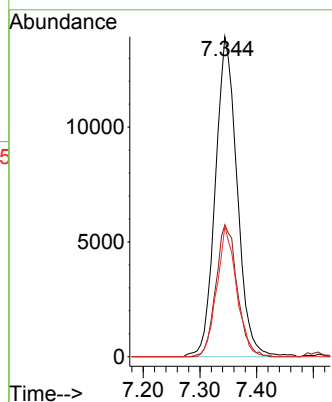
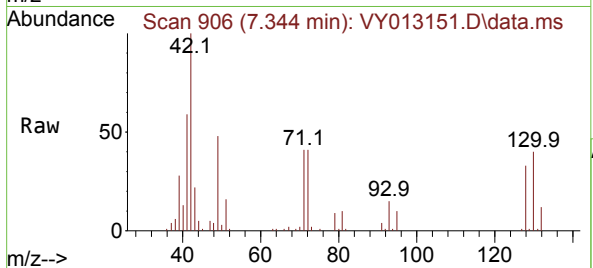
Tgt Ion: 42 Resp: 37065

Ion Ratio Lower Upper

42 100

72 40.5 32.3 48.5

71 37.2 30.3 45.5



#30

Chloroform

Concen: 20.413 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013151.D

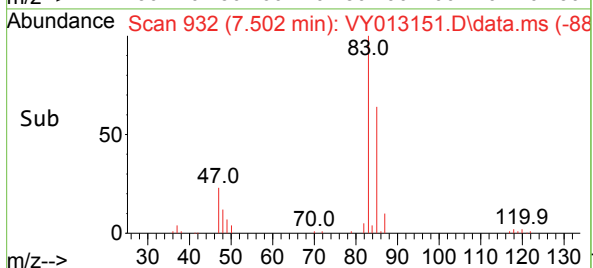
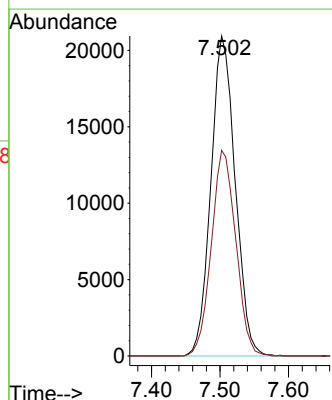
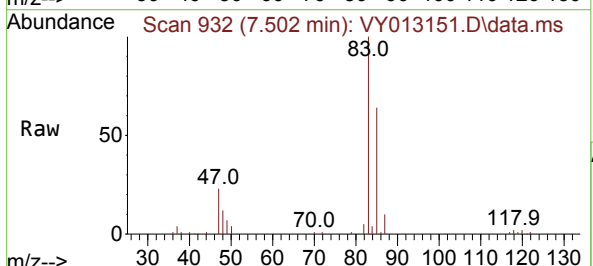
Acq: 30 Mar 2023 15:11

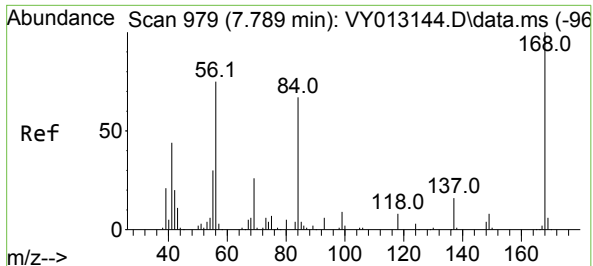
Tgt Ion: 83 Resp: 51531

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

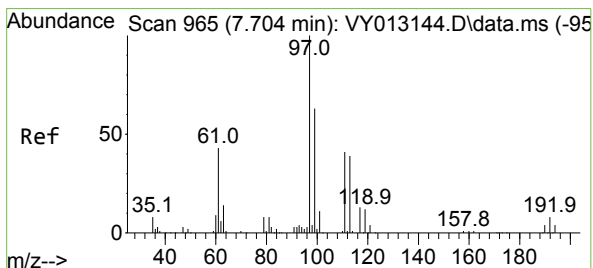
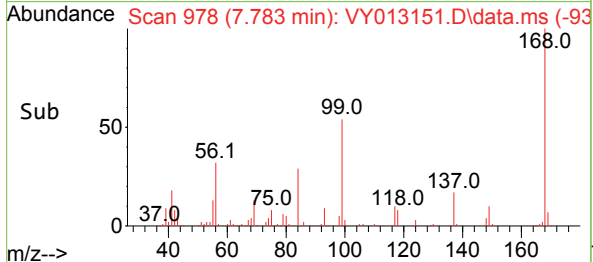
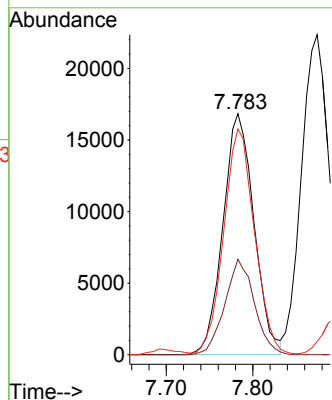
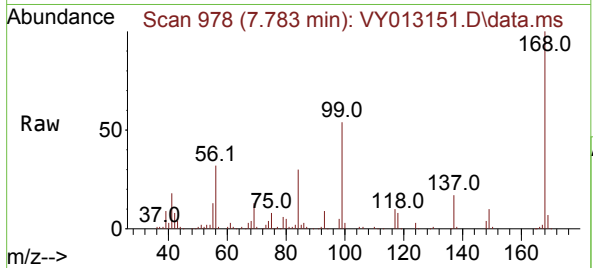




#31
Cyclohexane
Concen: 18.803 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

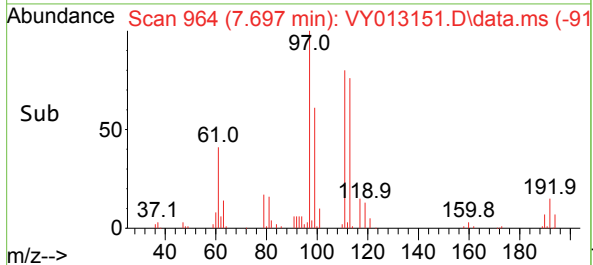
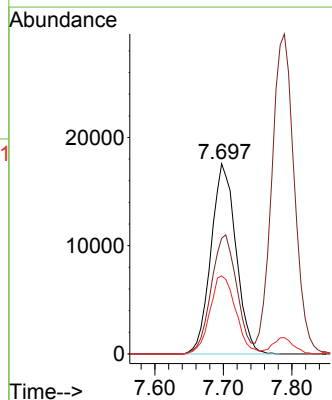
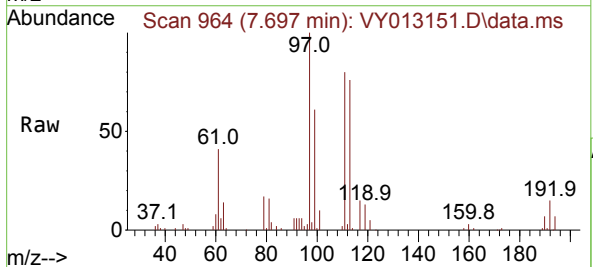
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

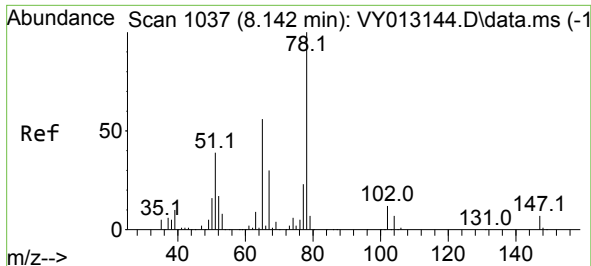
Tgt Ion: 56 Resp: 41957
Ion Ratio Lower Upper
56 100
69 39.5 25.7 38.5#
84 92.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 97 Resp: 44466
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 42.5 34.5 51.7

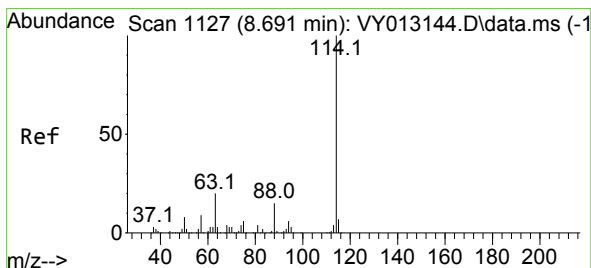
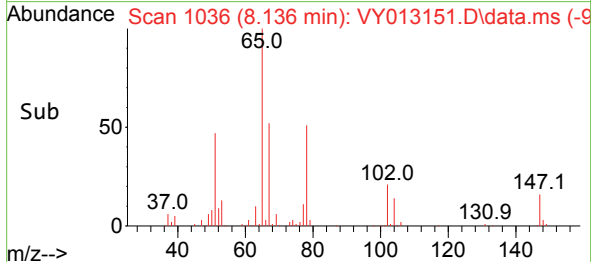
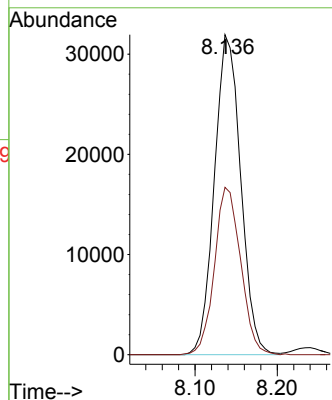
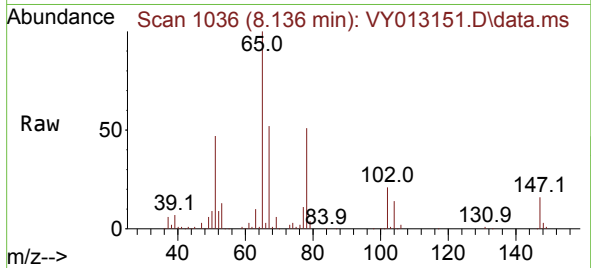




#33
 1,2-Dichloroethane-d4
 Concen: 52.007 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

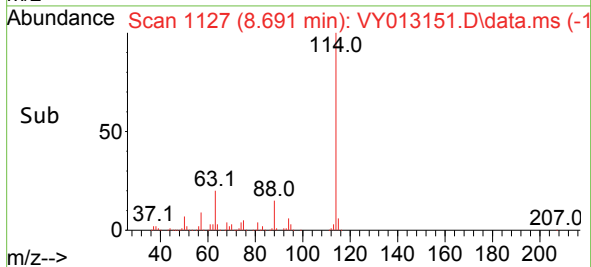
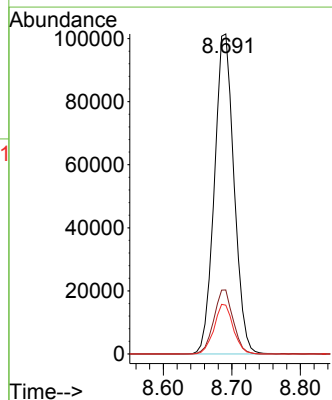
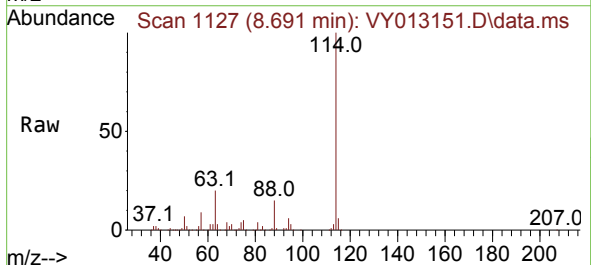
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

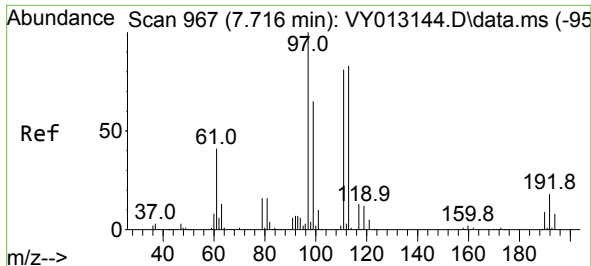
Tgt Ion: 65 Resp: 71083
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion: 114 Resp: 201374
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 15.2 0.0 28.6

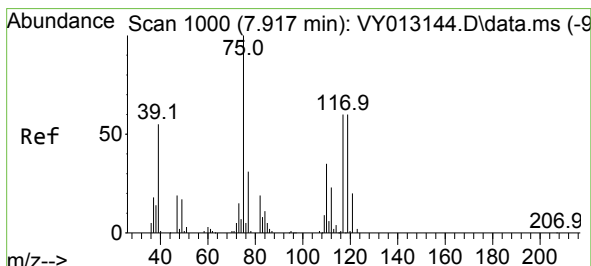
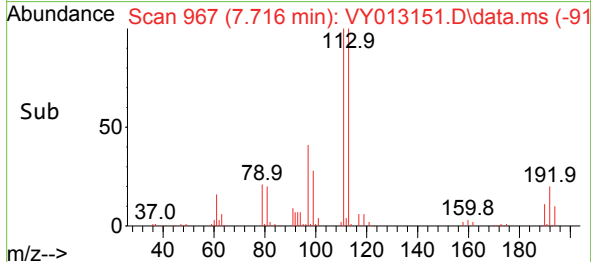
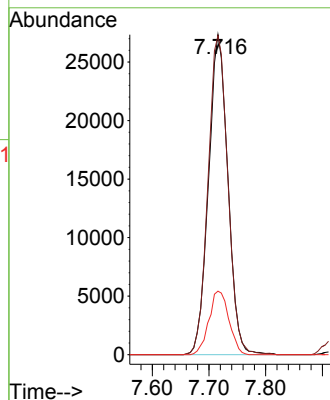
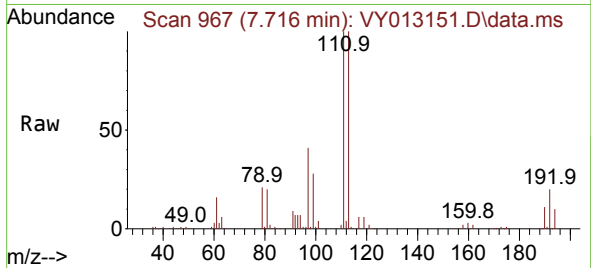




#35
Dibromofluoromethane
Concen: 49.314 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

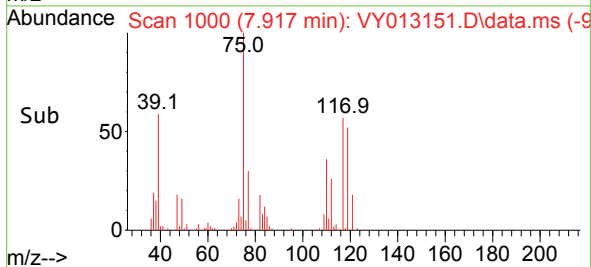
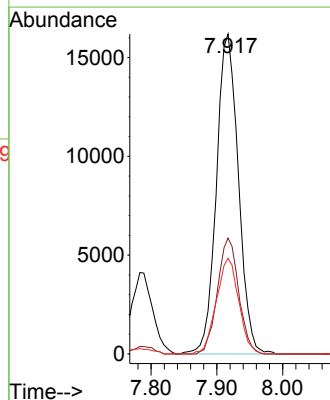
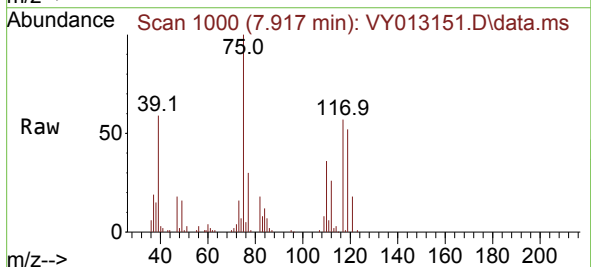
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

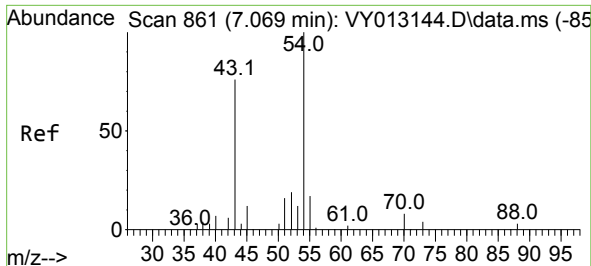
Tgt Ion:113 Resp: 64873
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.015 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 75 Resp: 37658
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 22.629 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

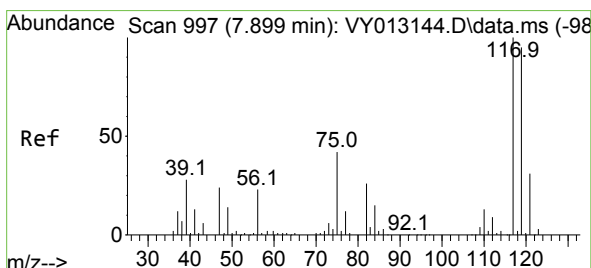
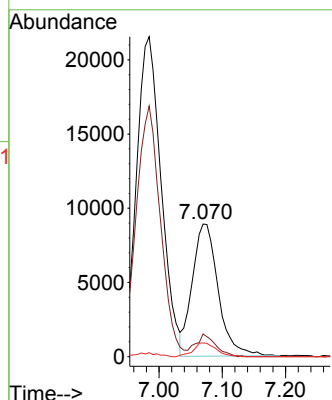
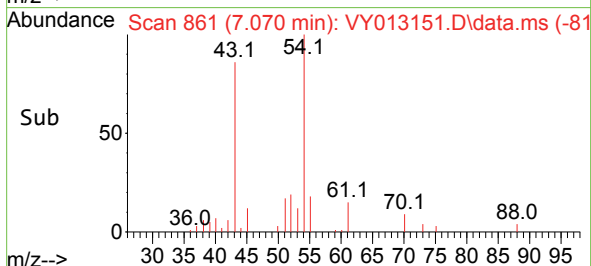
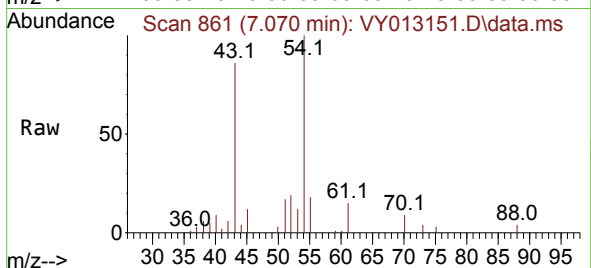
Tgt Ion: 43 Resp: 25458

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.216 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

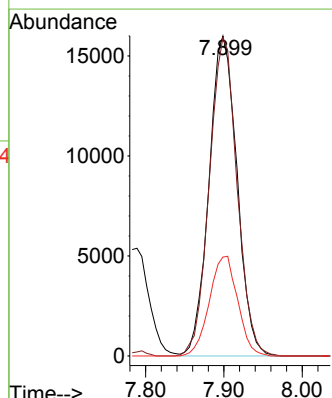
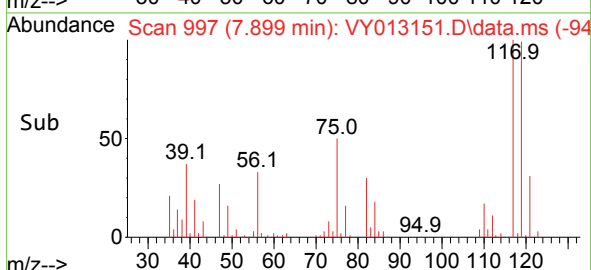
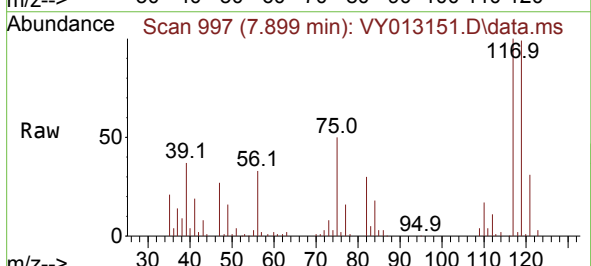
Tgt Ion: 117 Resp: 39804

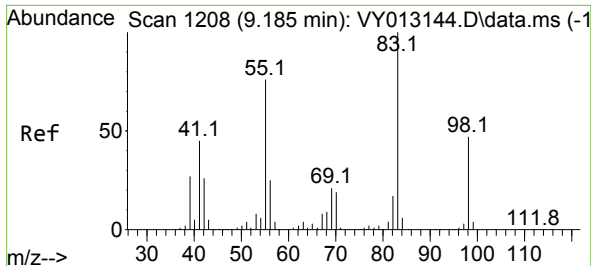
Ion Ratio Lower Upper

117 100

119 99.5 77.2 115.8

121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 18.192 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

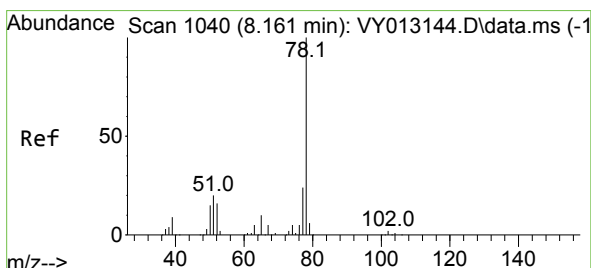
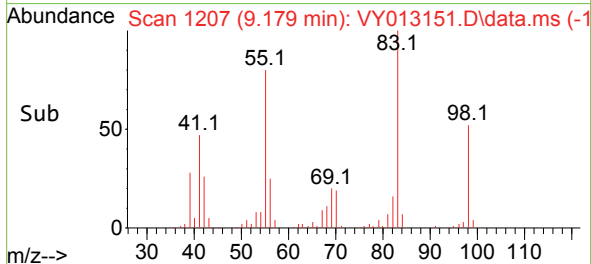
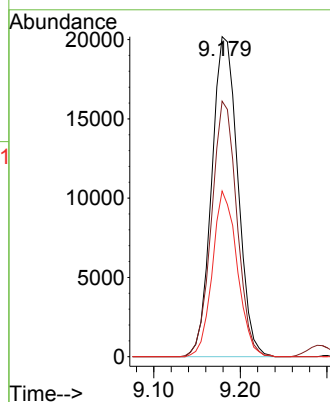
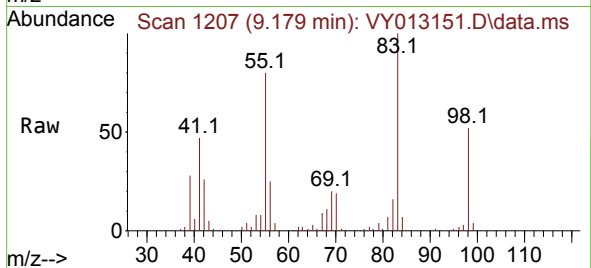
Tgt Ion: 83 Resp: 42266

Ion Ratio Lower Upper

83 100

55 79.8 60.0 90.0

98 51.7 38.3 57.5



#40

Benzene

Concen: 19.777 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013151.D

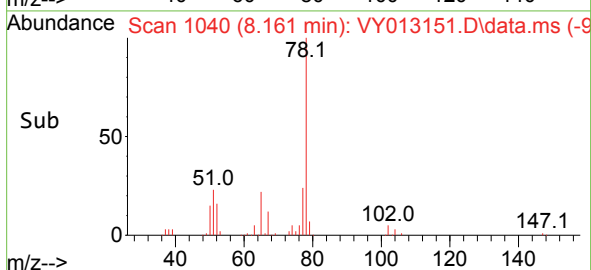
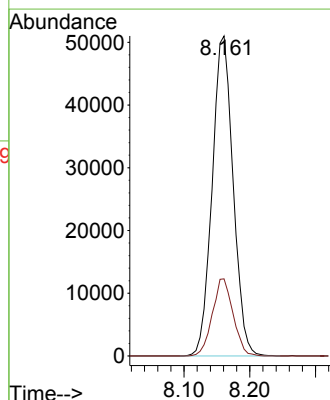
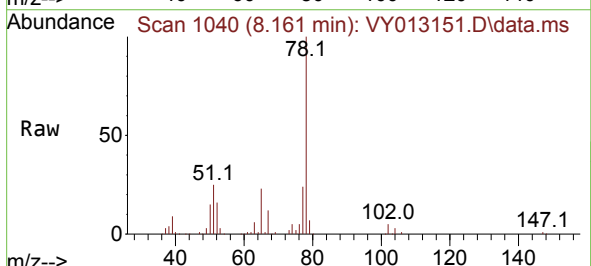
Acq: 30 Mar 2023 15:11

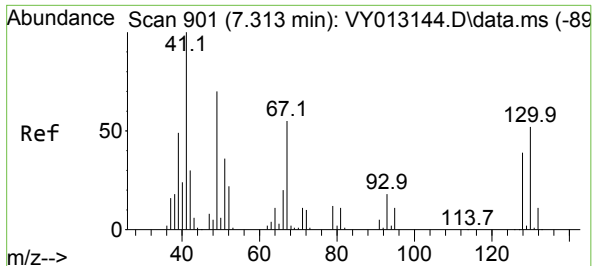
Tgt Ion: 78 Resp: 113125

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

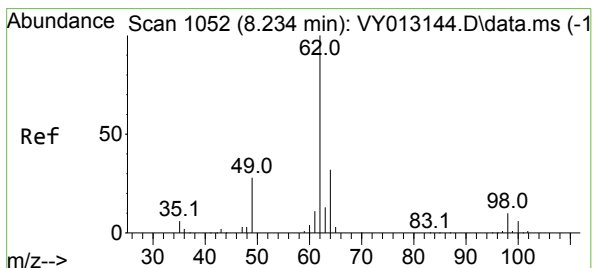
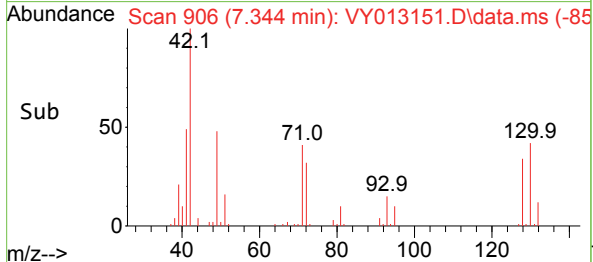
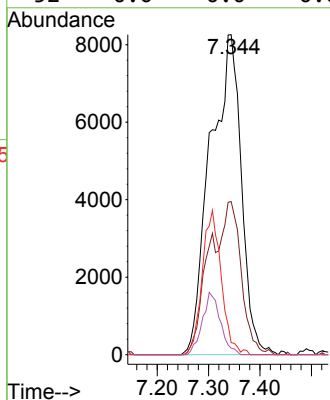
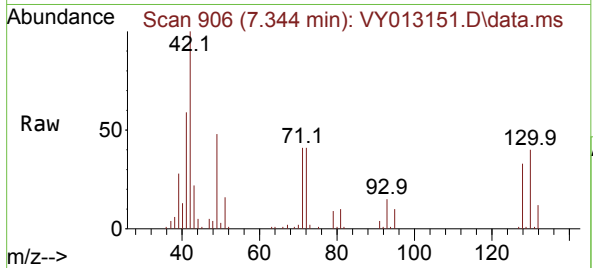




#41
Methacrylonitrile
Concen: 69.028 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

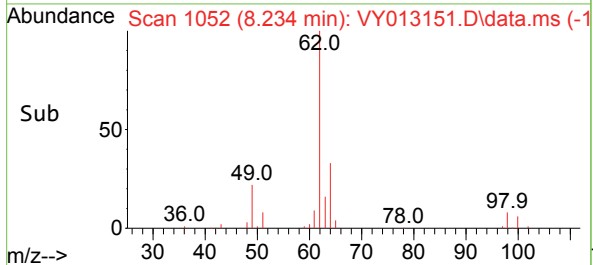
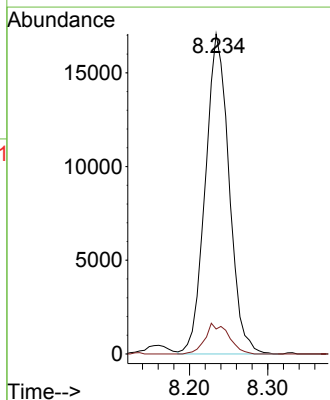
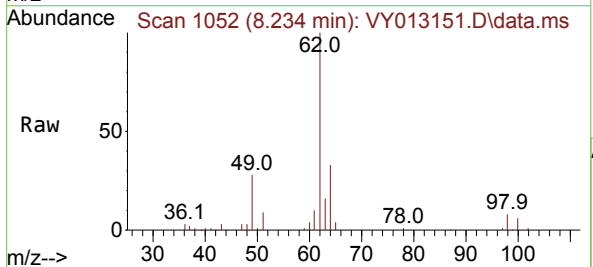
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

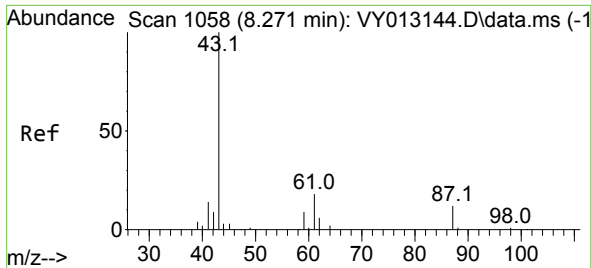
Tgt Ion: 41 Resp: 34451
Ion Ratio Lower Upper
41 100
39 29.4 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.498 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 62 Resp: 35922
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.8

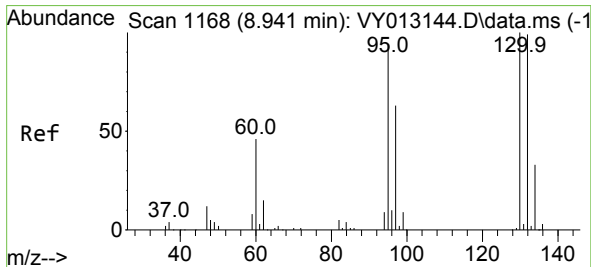
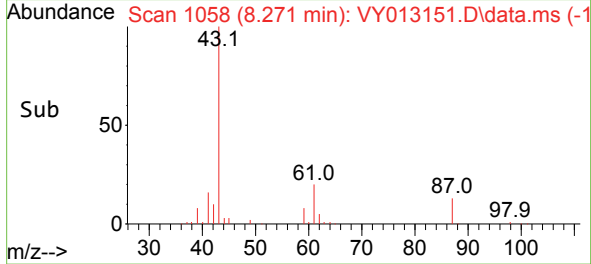
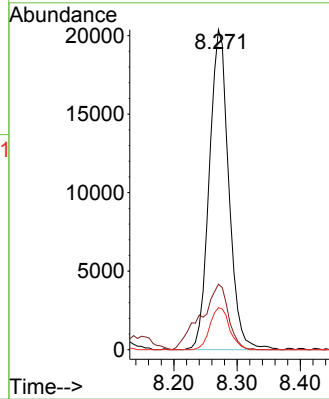
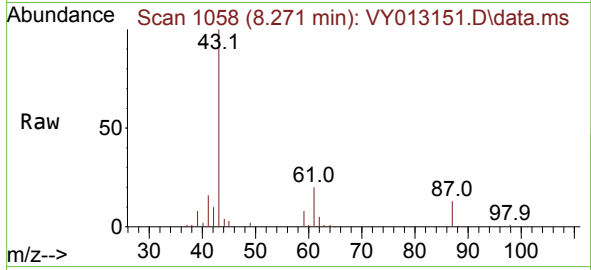




#43
Isopropyl Acetate
Concen: 21.600 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

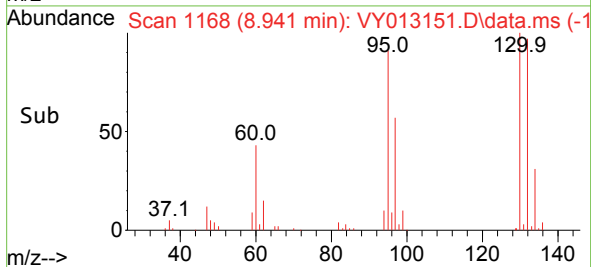
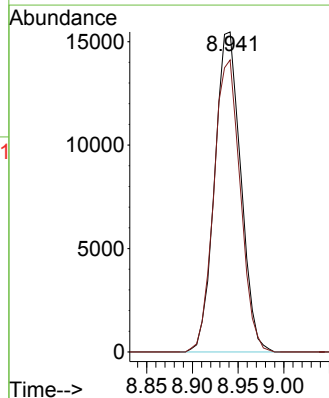
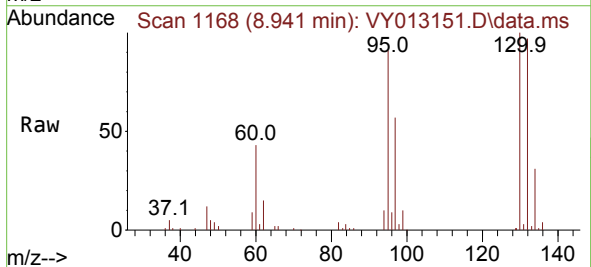
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

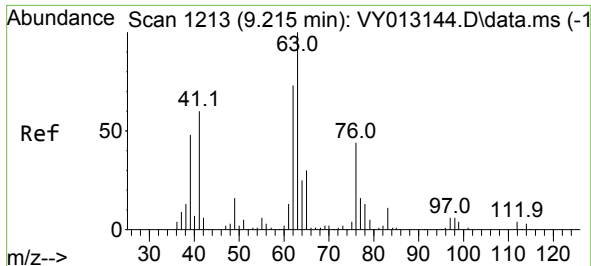
Tgt Ion: 43 Resp: 43497
Ion Ratio Lower Upper
43 100
61 28.8 21.6 32.4
87 13.2 9.9 14.9



#44
Trichloroethene
Concen: 19.504 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 130 Resp: 30711
Ion Ratio Lower Upper
130 100
95 91.3 0.0 185.0

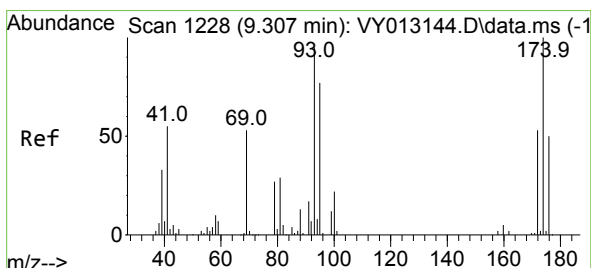
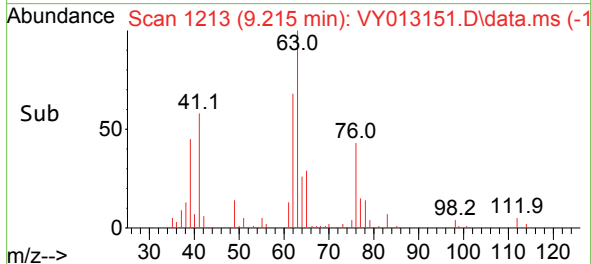
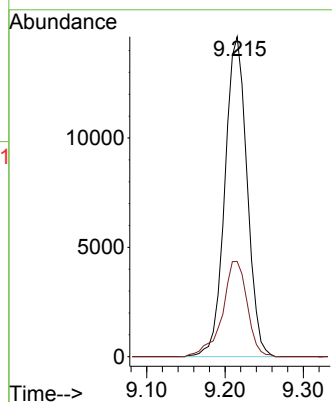
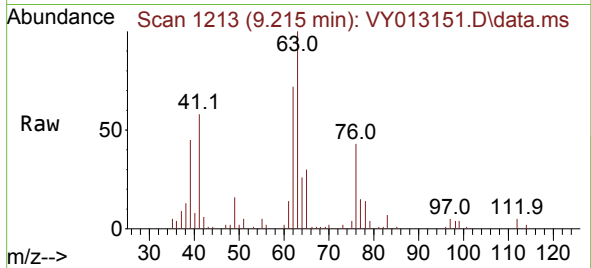




#45
1,2-Dichloropropane
Concen: 20.095 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

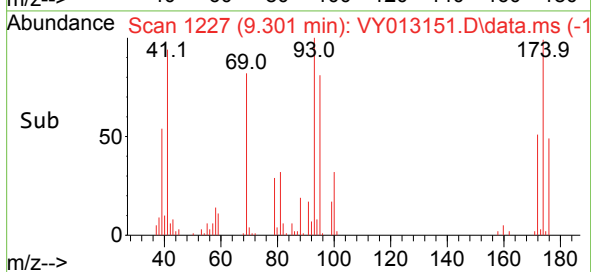
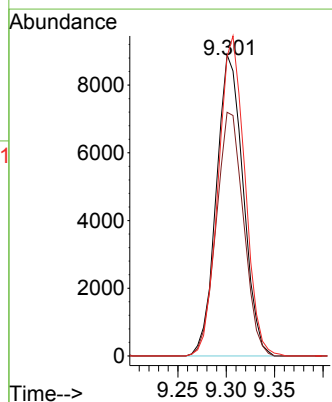
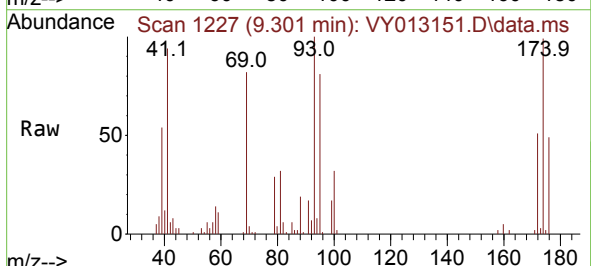
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

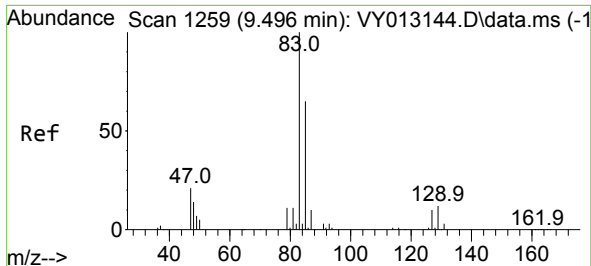
Tgt Ion: 63 Resp: 28782
Ion Ratio Lower Upper
63 100
65 29.7 25.7 38.5



#46
Dibromomethane
Concen: 20.787 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 93 Resp: 17104
Ion Ratio Lower Upper
93 100
95 82.4 65.6 98.4
174 105.5 81.3 121.9

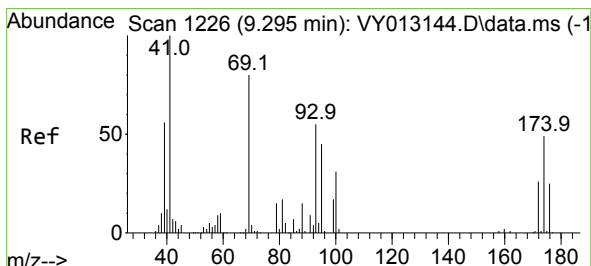
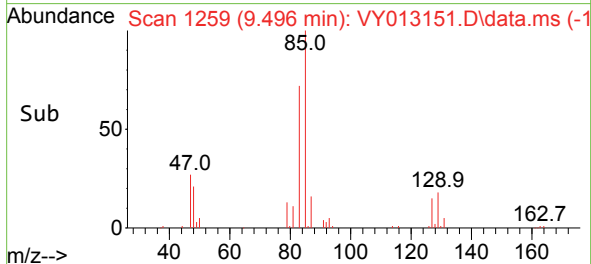
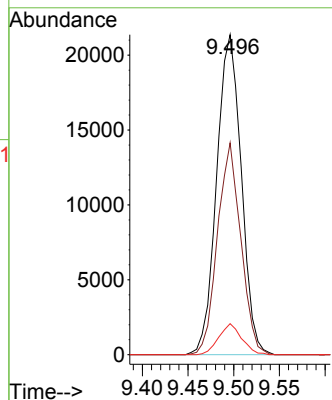
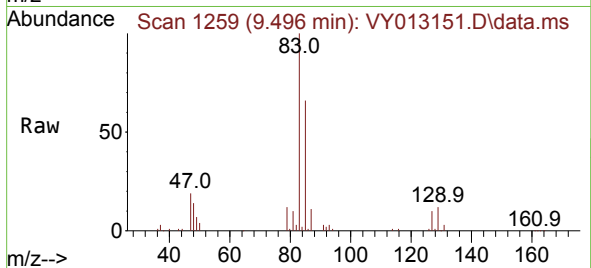




#47
Bromodichloromethane
Concen: 20.159 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

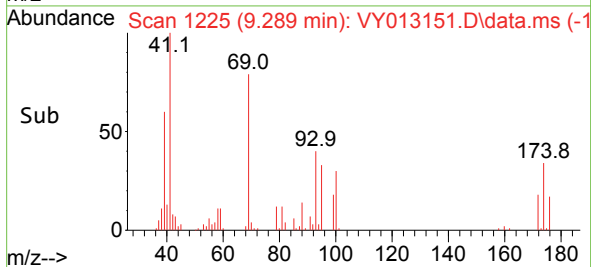
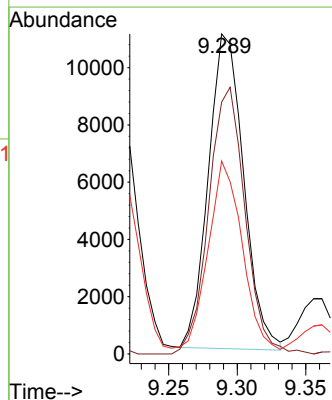
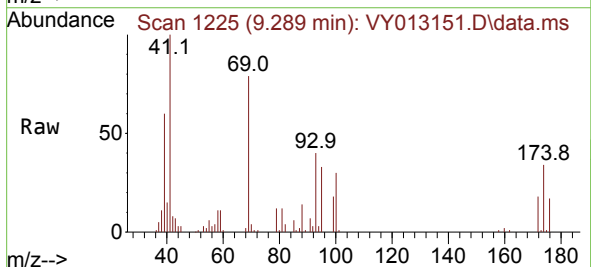
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

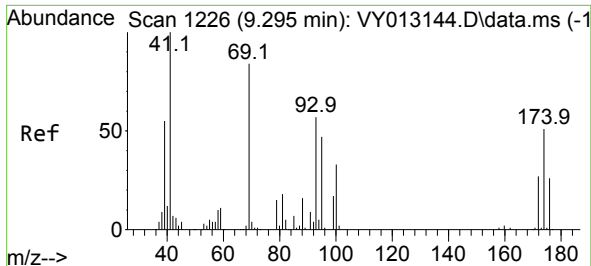
Tgt Ion: 83 Resp: 40023
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 21.020 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 41 Resp: 19714
Ion Ratio Lower Upper
41 100
69 87.1 64.1 96.1
39 60.6 44.0 66.0





#49

1,4-Dioxane

Concen: 465.745 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

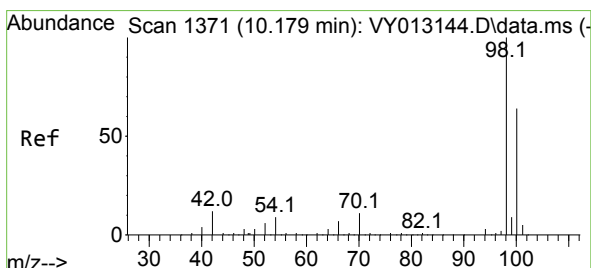
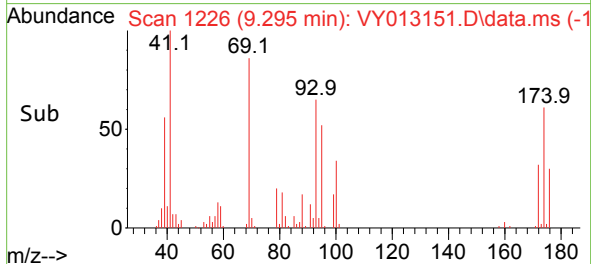
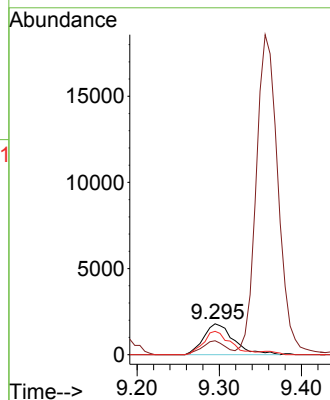
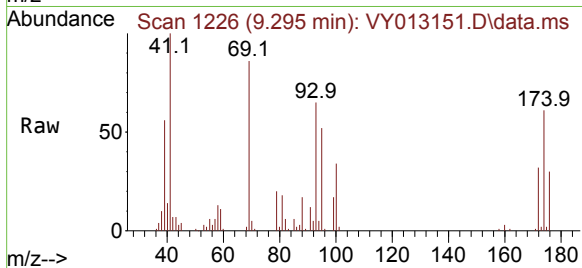
Tgt Ion: 88 Resp: 4559

Ion Ratio Lower Upper

88 100

43 35.6 28.6 42.8

58 68.3 55.2 82.8



#50

Toluene-d8

Concen: 49.028 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013151.D

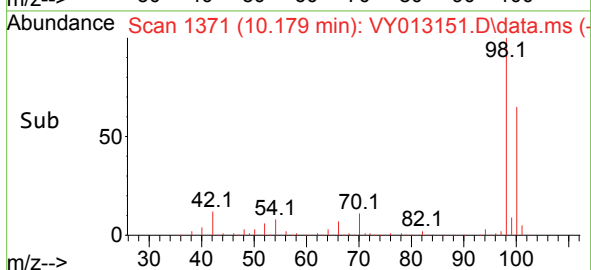
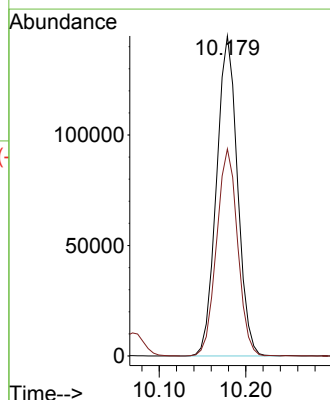
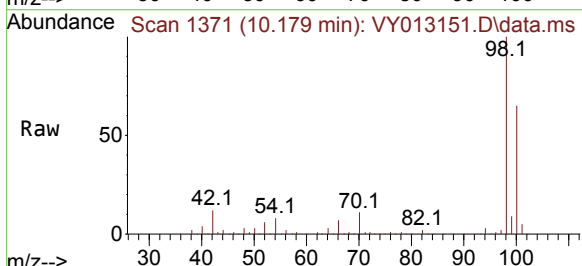
Acq: 30 Mar 2023 15:11

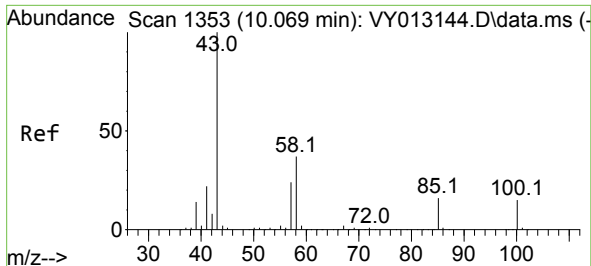
Tgt Ion: 98 Resp: 243483

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 113.152 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

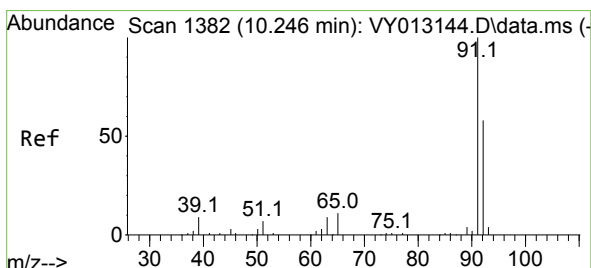
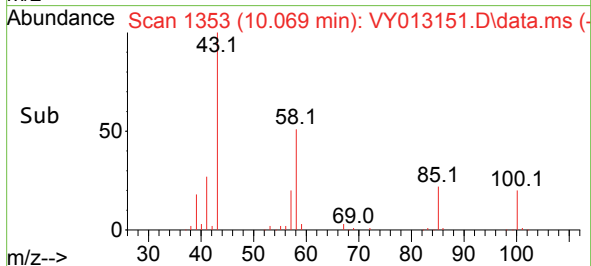
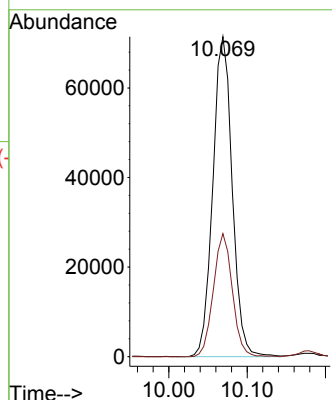
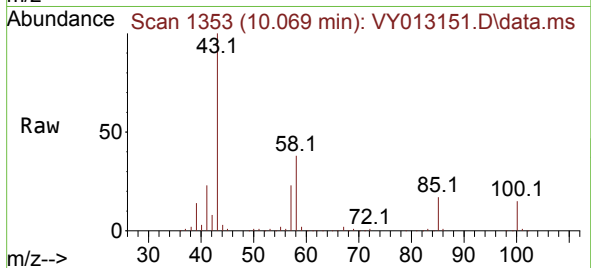
VY0330SBS01

Tgt Ion: 43 Resp: 122972

Ion Ratio Lower Upper

43 100

58 37.6 29.8 44.6



#52

Toluene

Concen: 19.815 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013151.D

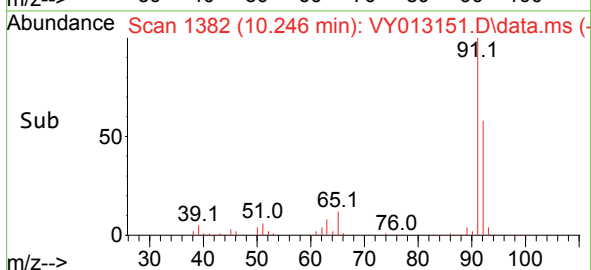
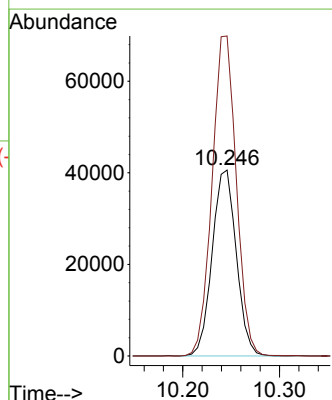
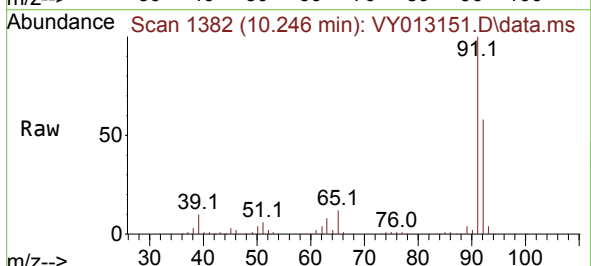
Acq: 30 Mar 2023 15:11

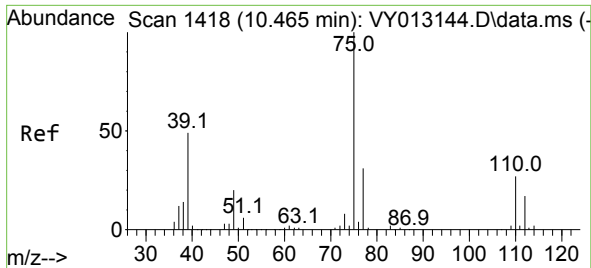
Tgt Ion: 92 Resp: 70306

Ion Ratio Lower Upper

92 100

91 173.0 141.3 211.9

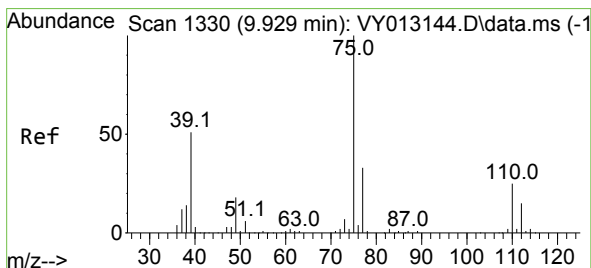
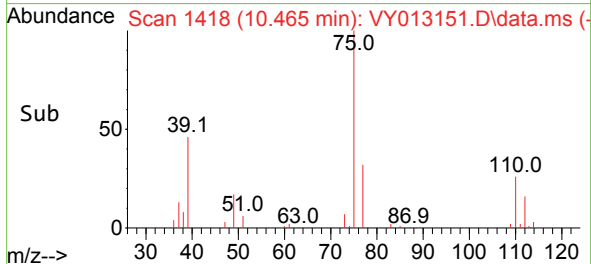
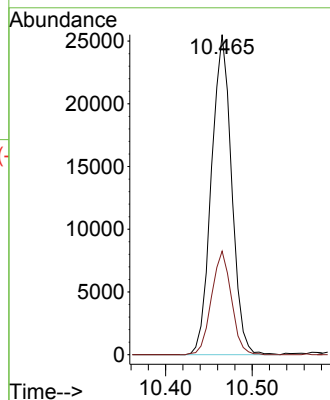
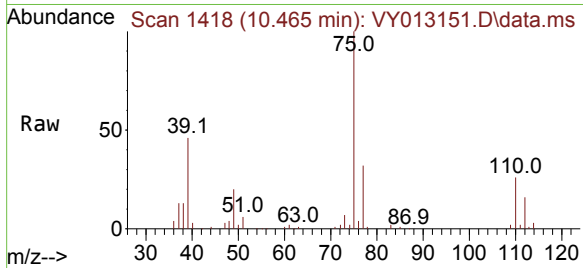




#53
 t-1,3-Dichloropropene
 Concen: 20.358 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

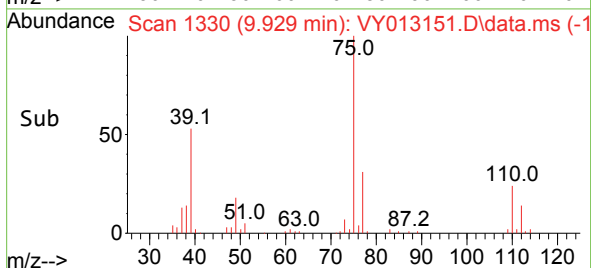
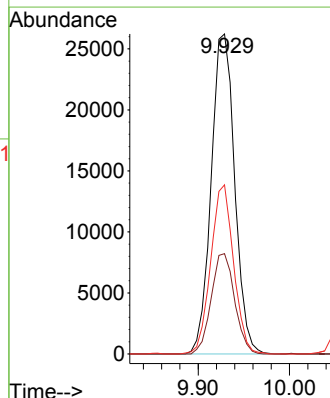
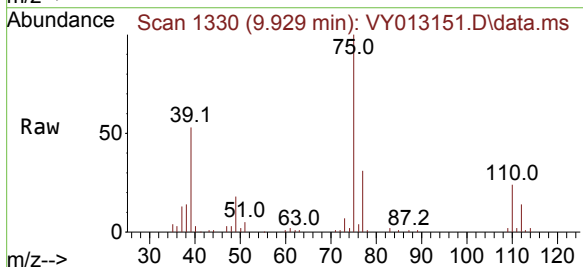
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

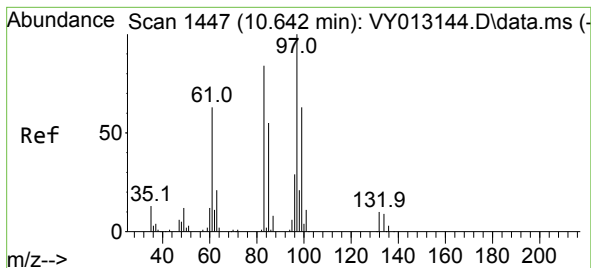
Tgt Ion: 75 Resp: 41313
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.199 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion: 75 Resp: 46813
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 52.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 20.236 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

Tgt Ion: 97 Resp: 23016

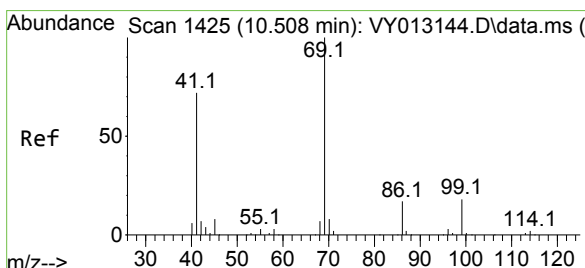
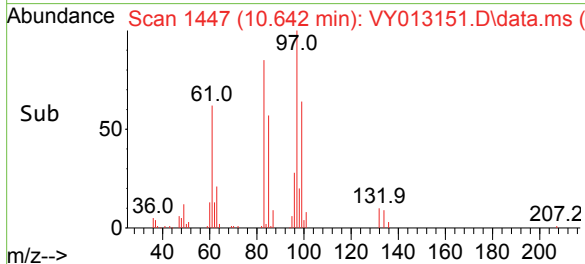
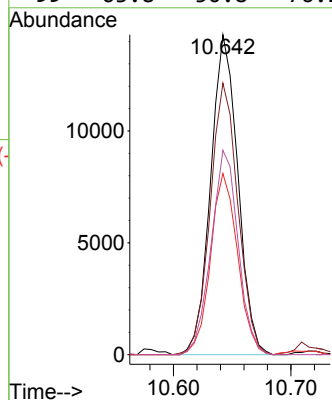
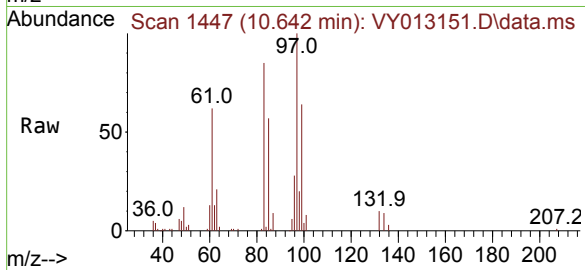
Ion Ratio Lower Upper

97 100

83 84.5 69.0 103.6

85 56.6 44.9 67.3

99 63.8 50.8 76.2



#56

Ethyl methacrylate

Concen: 20.673 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

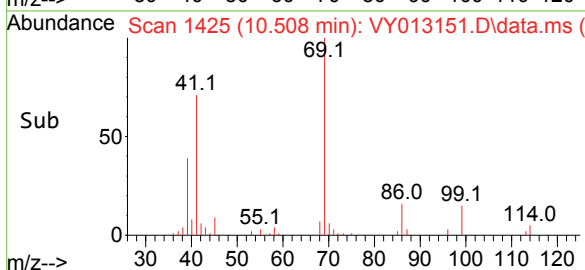
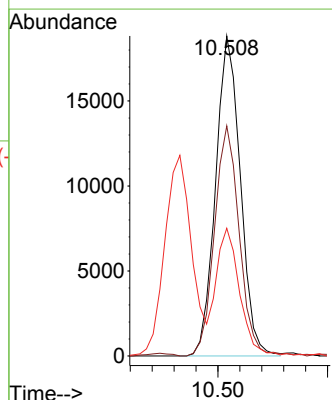
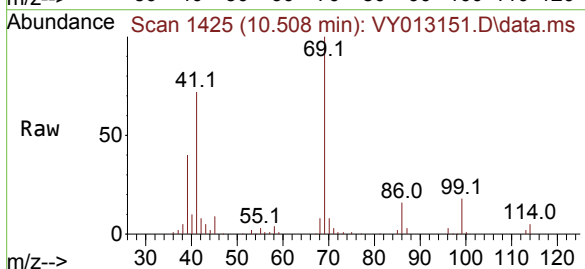
Tgt Ion: 69 Resp: 29563

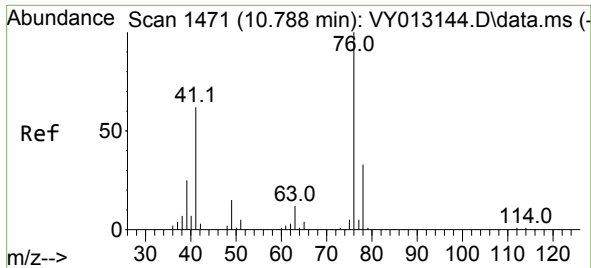
Ion Ratio Lower Upper

69 100

41 72.1 56.4 84.6

39 37.0 30.8 46.2

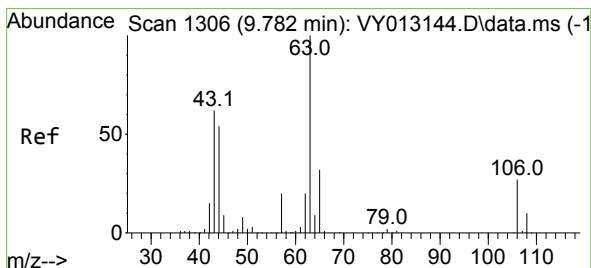
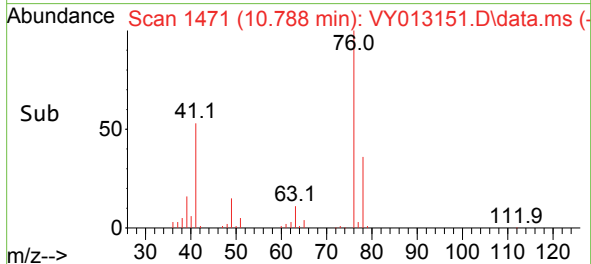
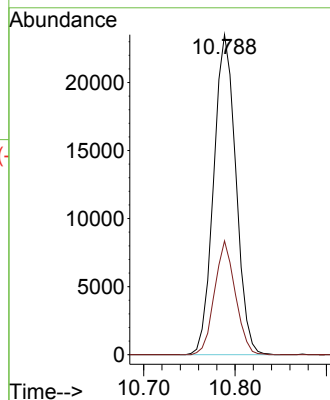
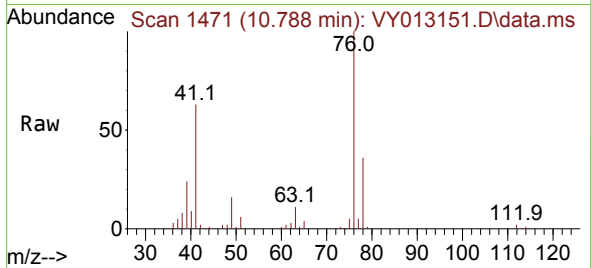




#57
1,3-Dichloropropane
Concen: 20.692 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

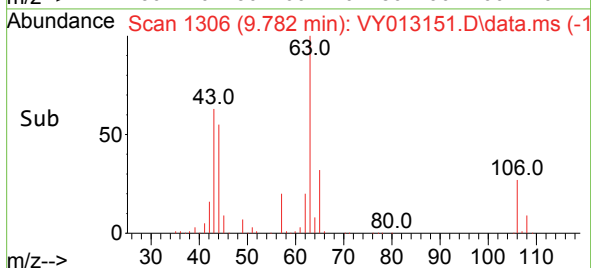
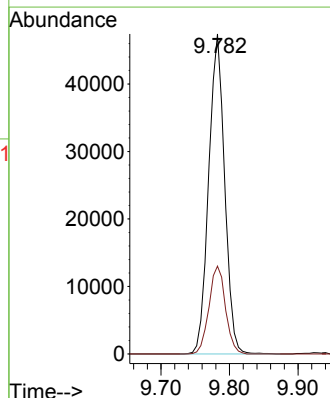
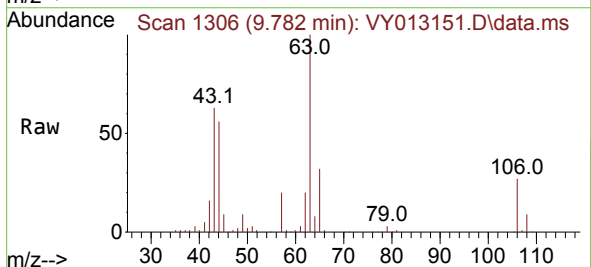
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

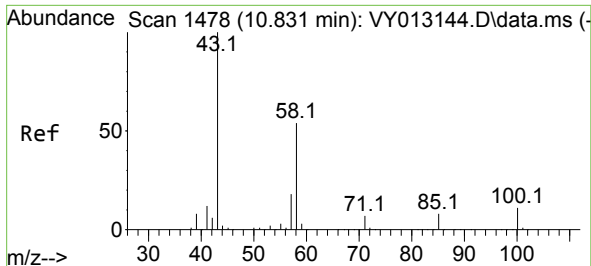
Tgt Ion: 76 Resp: 39731
Ion Ratio Lower Upper
76 100
78 33.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 114.703 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 63 Resp: 76696
Ion Ratio Lower Upper
63 100
106 28.4 22.1 33.1

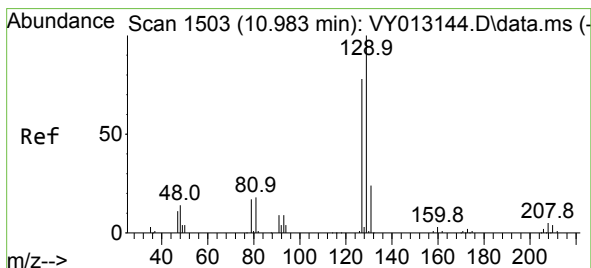
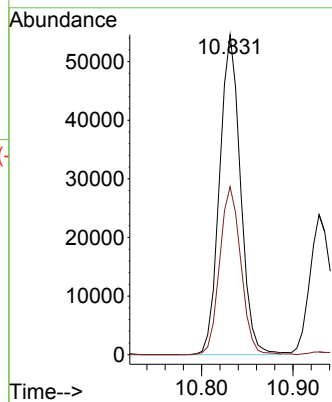
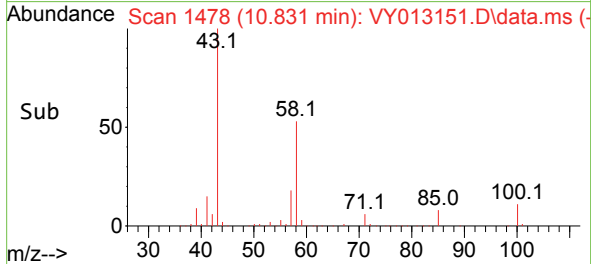
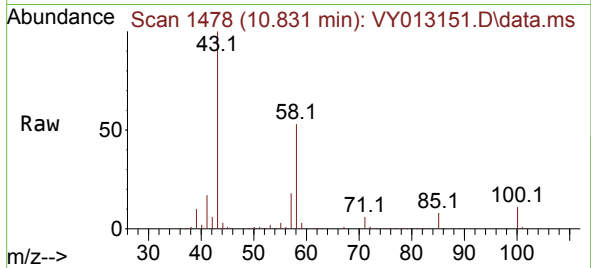




#59
2-Hexanone
Concen: 110.609 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

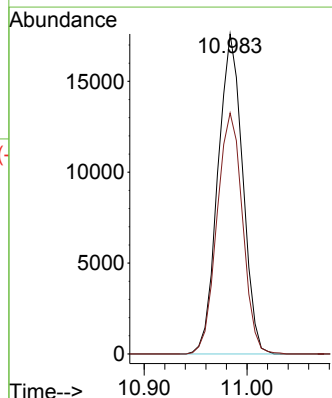
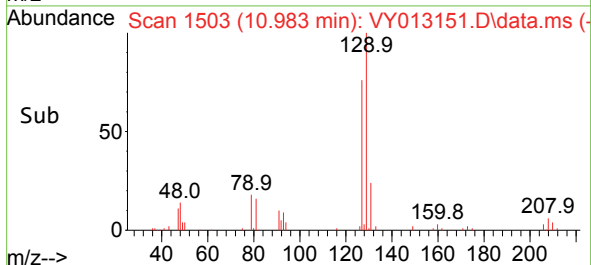
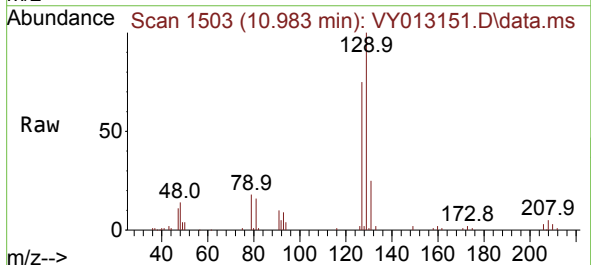
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

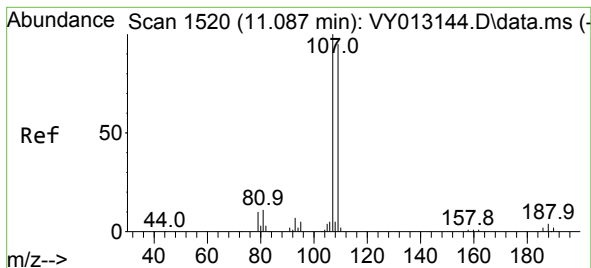
Tgt Ion: 43 Resp: 86938
Ion Ratio Lower Upper
43 100
58 53.1 25.9 77.8



#60
Dibromochloromethane
Concen: 20.594 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 129 Resp: 29419
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

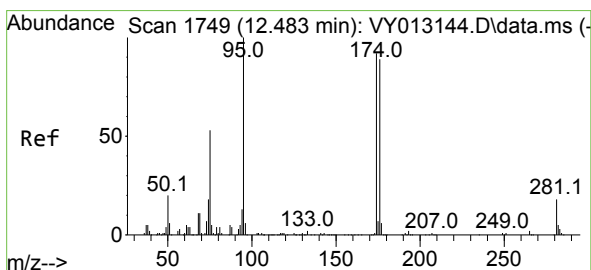
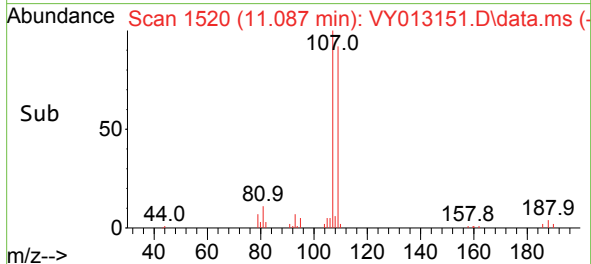
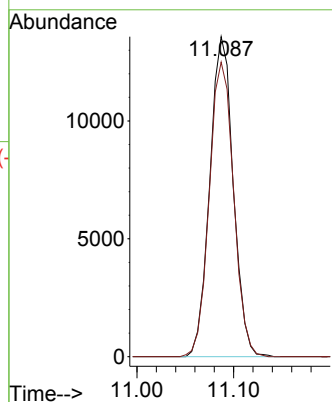
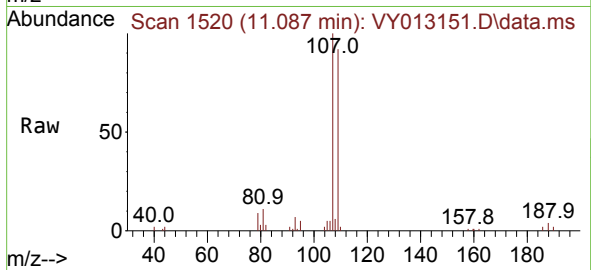




#61
1,2-Dibromoethane
Concen: 20.776 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

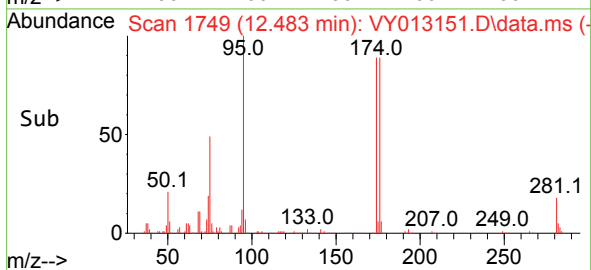
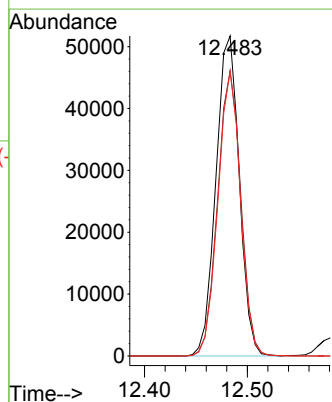
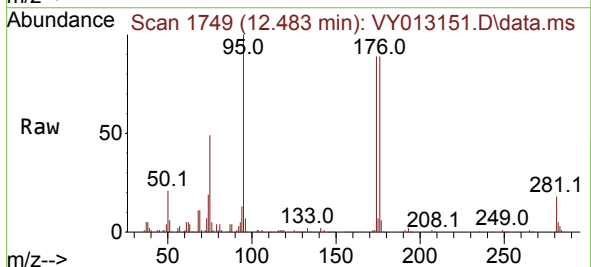
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

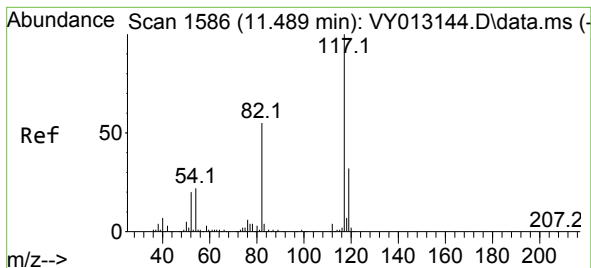
Tgt Ion:107 Resp: 22895
Ion Ratio Lower Upper
107 100
109 95.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.372 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 95 Resp: 81427
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 85.8 0.0 170.2

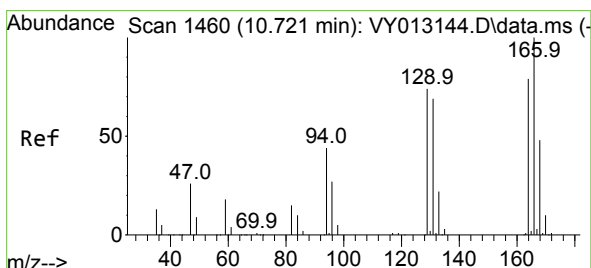
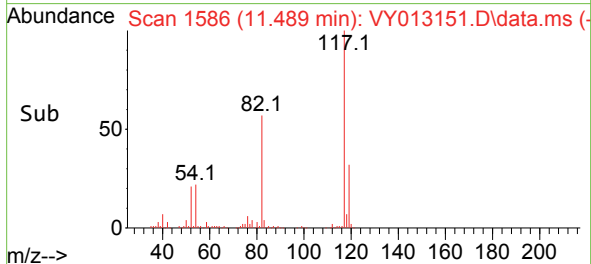
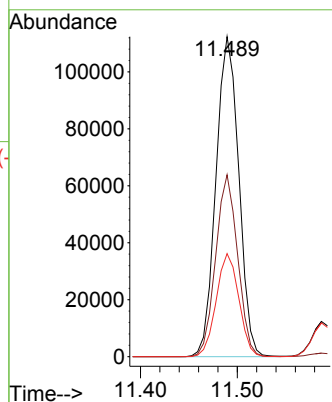
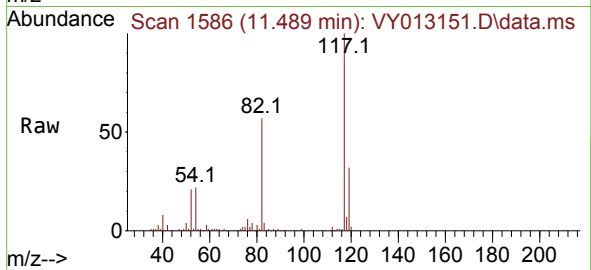




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

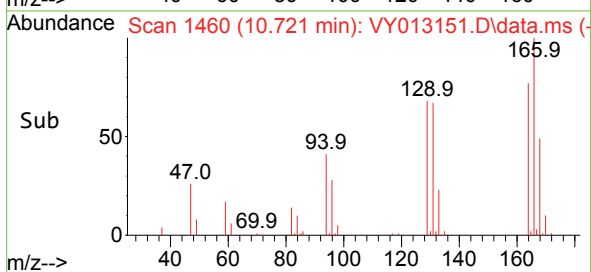
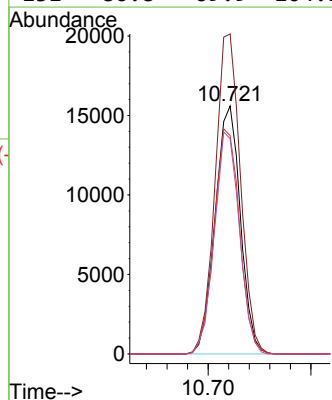
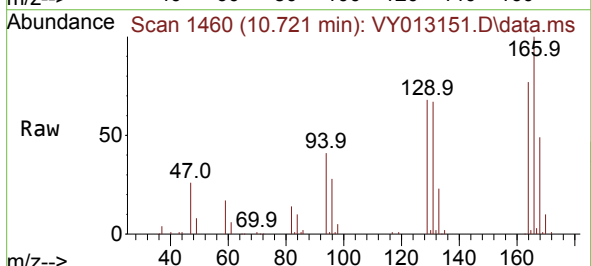
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

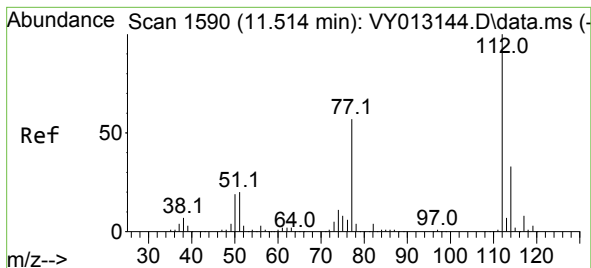
Tgt Ion:117 Resp: 184032
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 32.2 25.6 38.4



#64
Tetrachloroethene
Concen: 18.797 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion:164 Resp: 26594
Ion Ratio Lower Upper
164 100
166 129.0 103.4 155.2
129 88.0 71.4 107.2
131 86.8 69.9 104.9

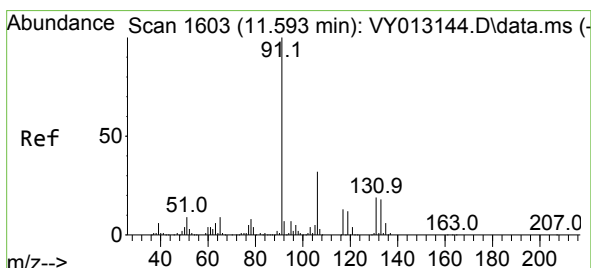
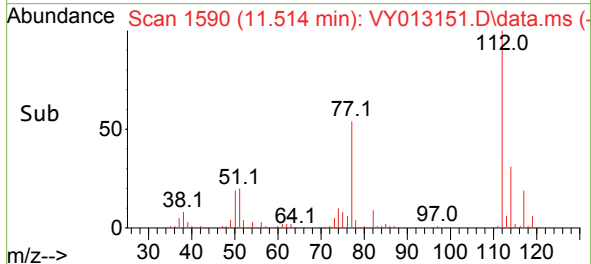
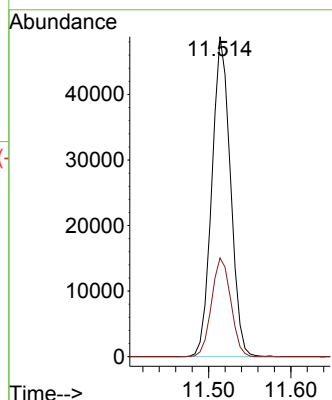
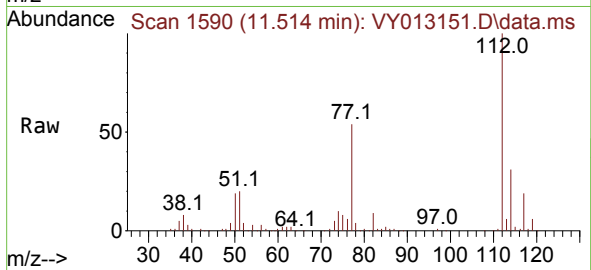




#65
Chlorobenzene
Concen: 19.577 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

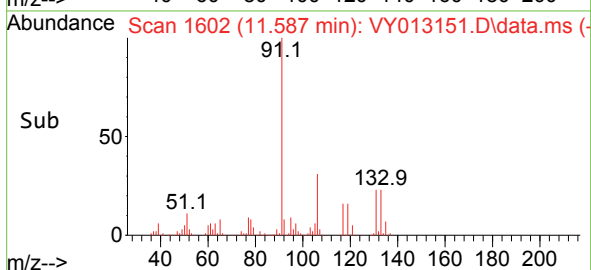
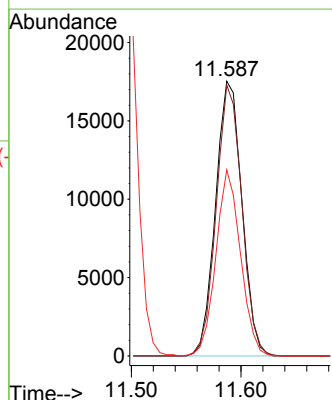
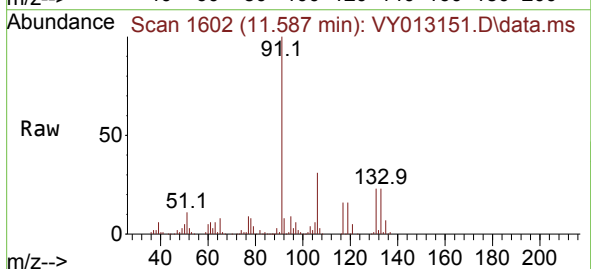
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

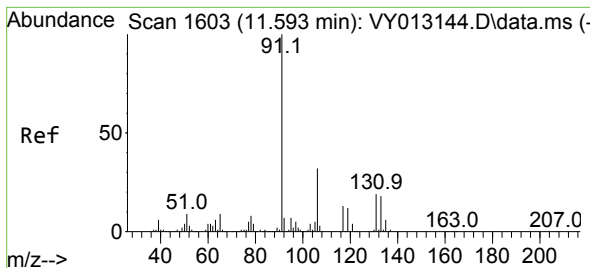
Tgt Ion:112 Resp: 76485
Ion Ratio Lower Upper
112 100
114 30.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.970 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion:131 Resp: 29249
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 63.5 32.6 98.0

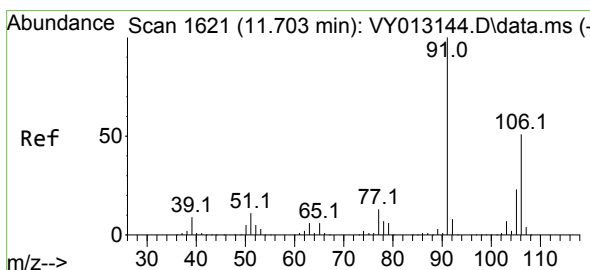
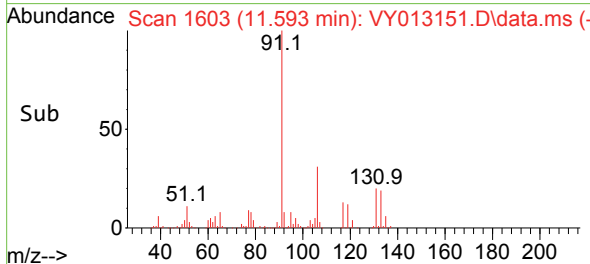
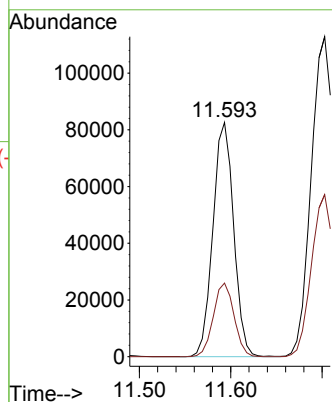
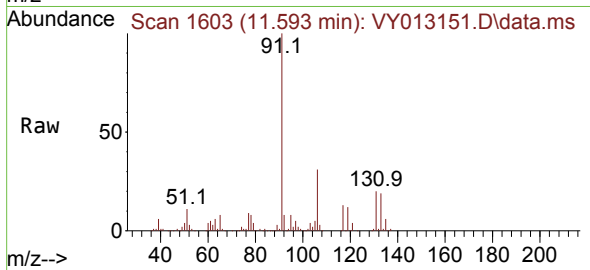




#67
Ethyl Benzene
Concen: 19.353 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

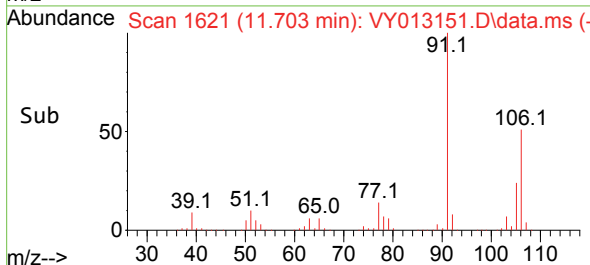
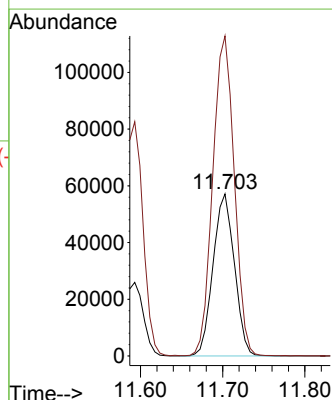
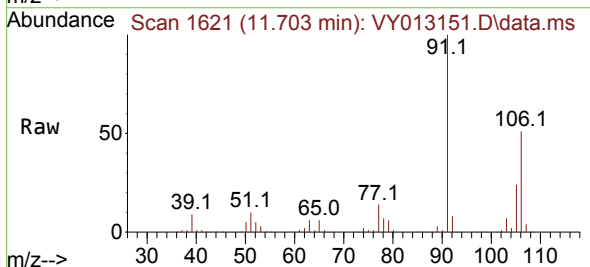
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBSD01

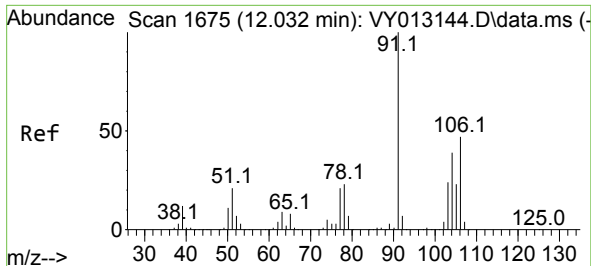
Tgt Ion: 91 Resp: 130585
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 39.557 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion:106 Resp: 103252
Ion Ratio Lower Upper
106 100
91 198.5 159.8 239.8

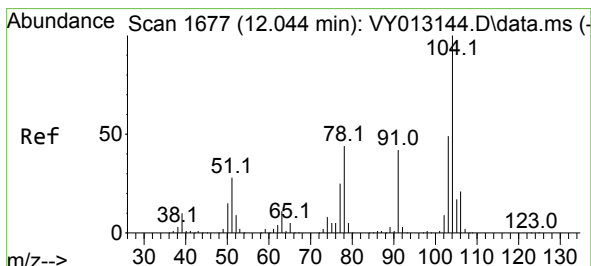
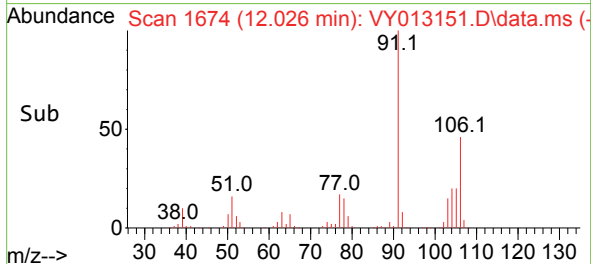
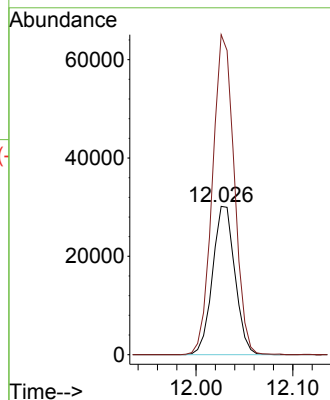
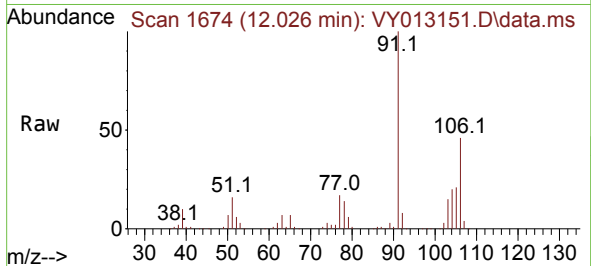




#69
o-Xylene
Concen: 20.059 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

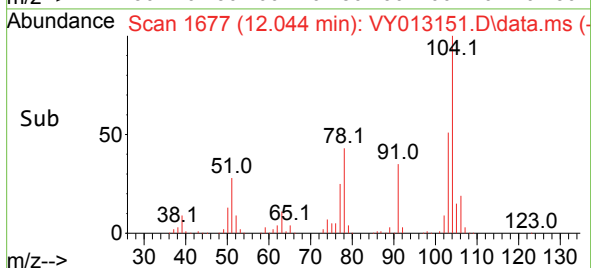
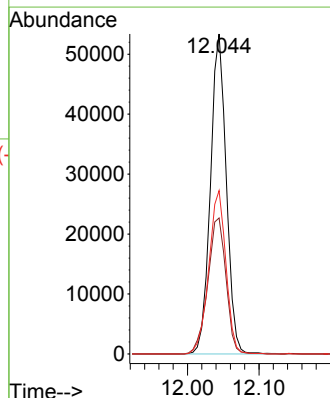
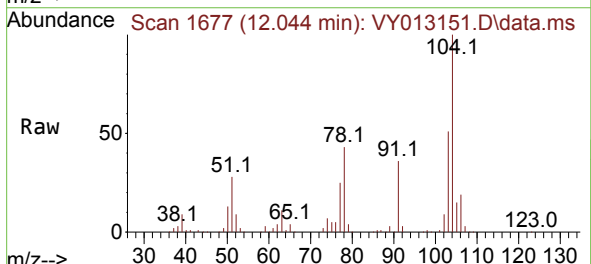
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

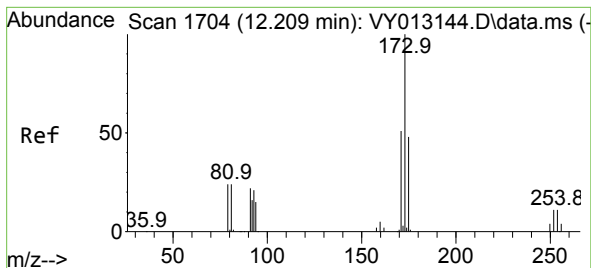
Tgt Ion:106 Resp: 48566
Ion Ratio Lower Upper
106 100
91 210.2 107.2 321.6



#70
Styrene
Concen: 20.305 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion:104 Resp: 82237
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 55.1 43.7 65.5





#71

Bromoform

Concen: 21.192 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

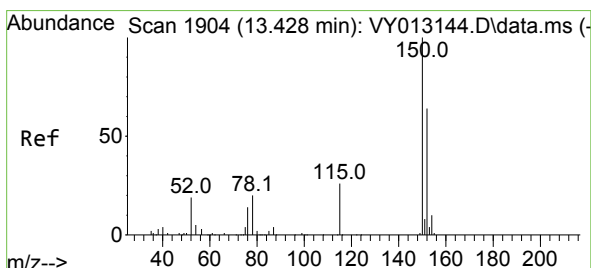
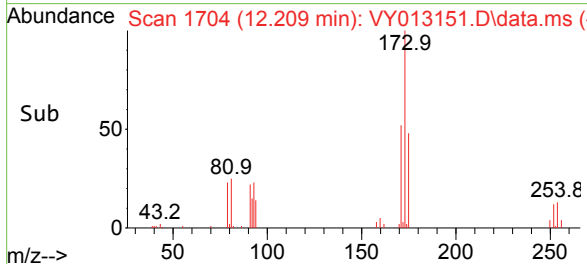
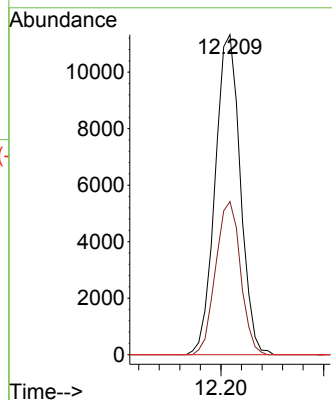
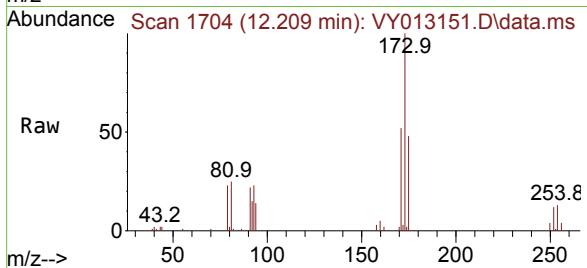
Tgt Ion:173 Resp: 19247

Ion Ratio Lower Upper

173 100

175 47.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

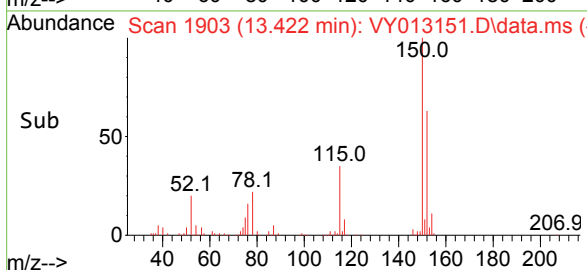
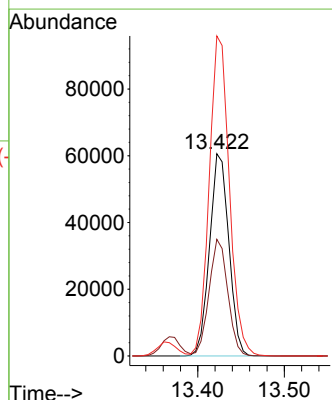
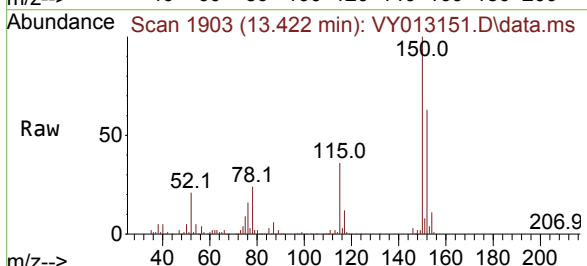
Tgt Ion:152 Resp: 93676

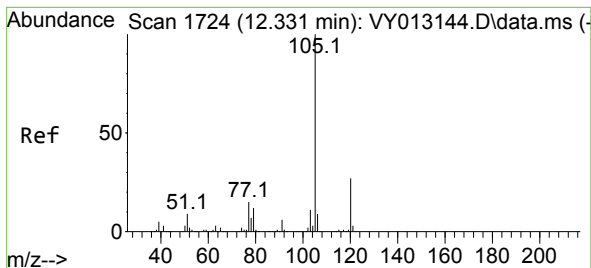
Ion Ratio Lower Upper

152 100

115 56.2 27.1 81.3

150 165.0 0.0 347.8





#73

Isopropylbenzene

Concen: 19.187 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

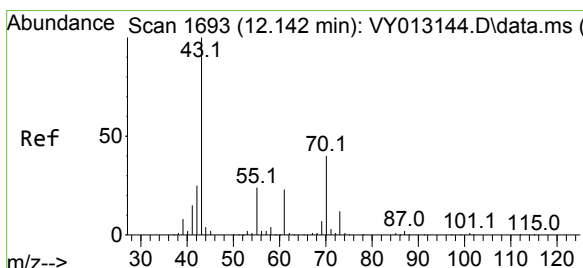
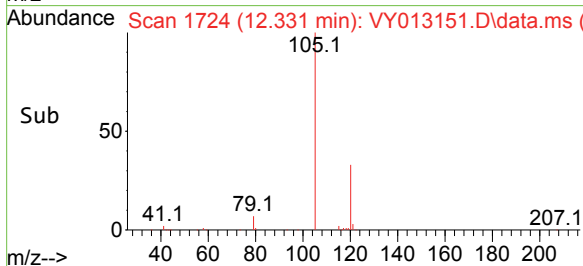
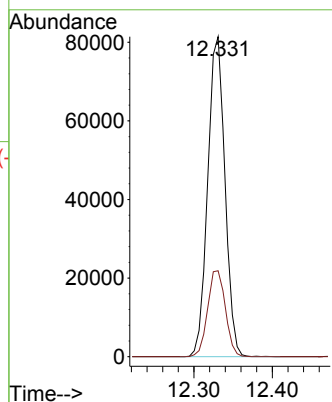
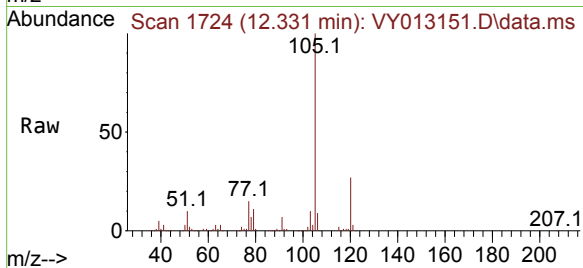
VY0330SBS01

Tgt Ion:105 Resp: 124066

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.2



#74

N-ethyl acetate

Concen: 21.176 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Tgt Ion: 43 Resp: 37597

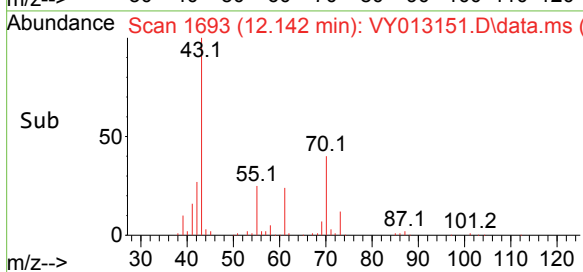
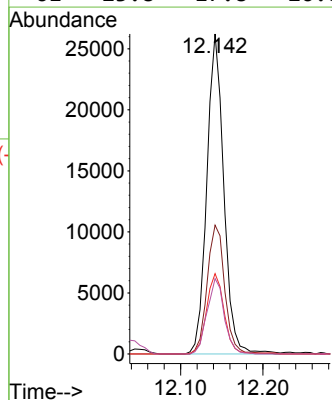
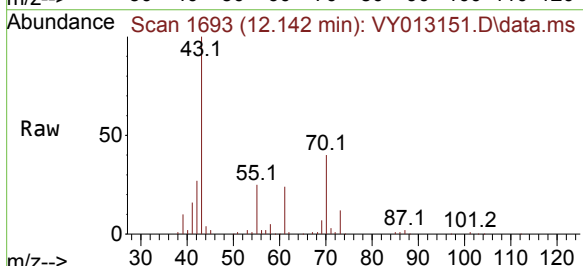
Ion Ratio Lower Upper

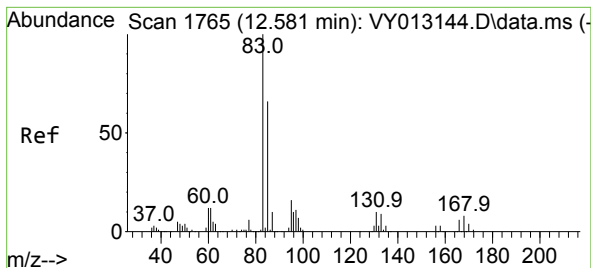
43 100

70 41.7 31.6 47.4

55 26.0 18.8 28.2

61 23.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.994 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

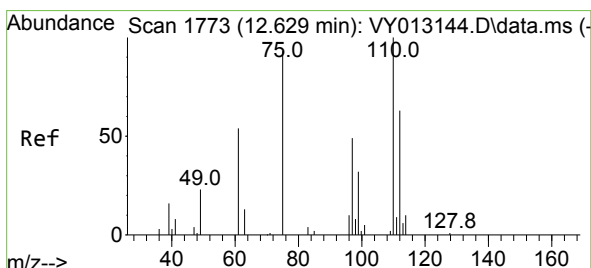
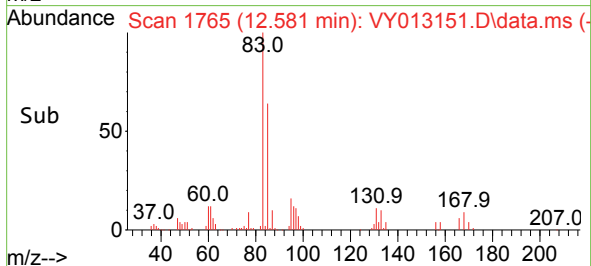
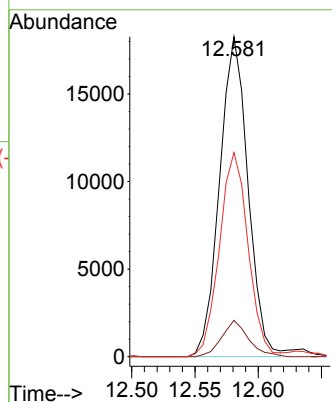
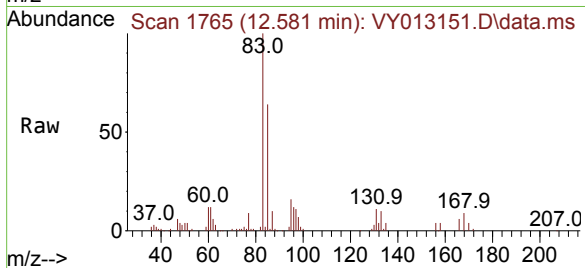
Tgt Ion: 83 Resp: 28435

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 35.039 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013151.D

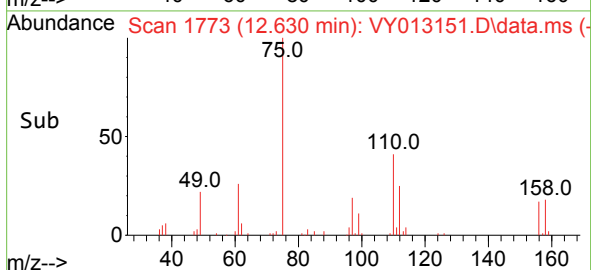
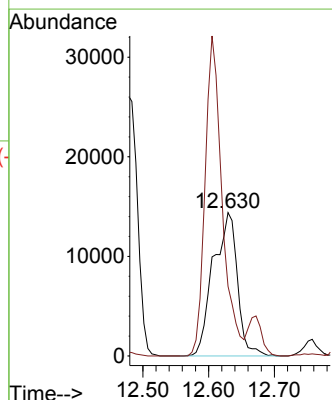
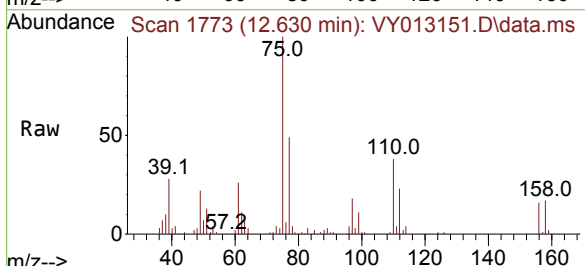
Acq: 30 Mar 2023 15:11

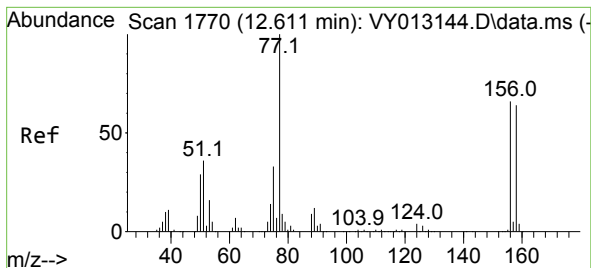
Tgt Ion: 75 Resp: 36873

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.169 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

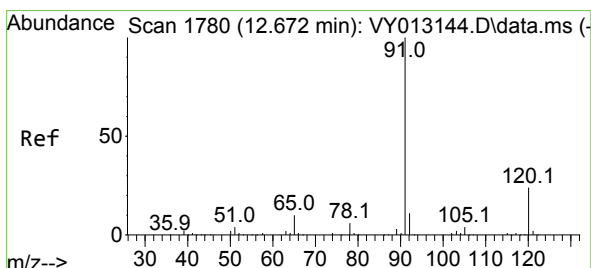
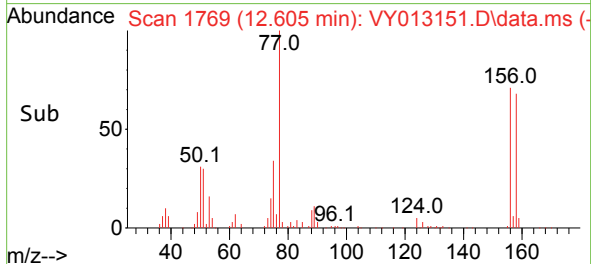
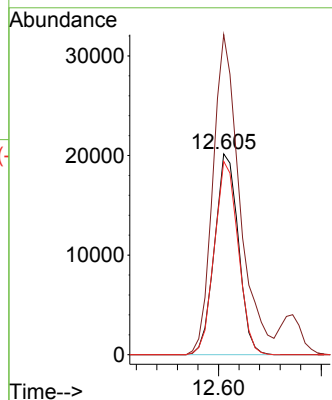
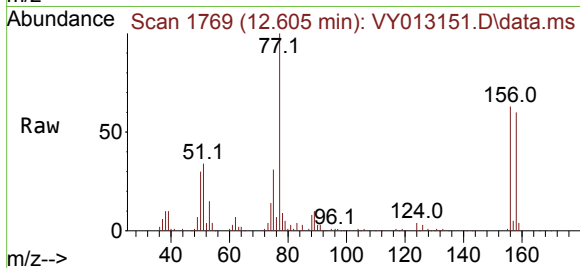
Tgt Ion:156 Resp: 32424

Ion Ratio Lower Upper

156 100

77 179.8 94.0 282.1

158 96.5 48.1 144.4



#78

n-propylbenzene

Concen: 19.130 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013151.D

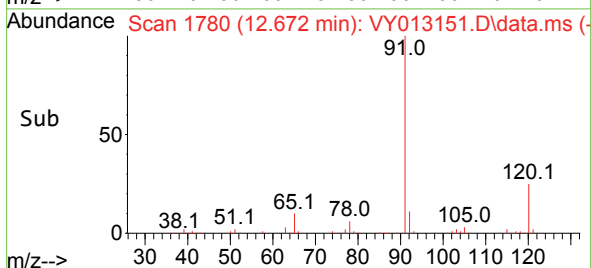
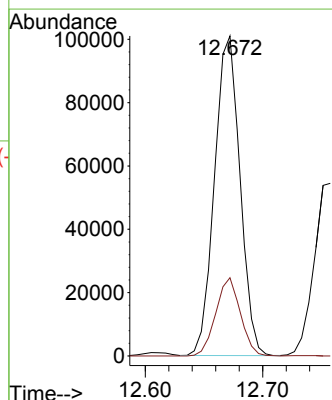
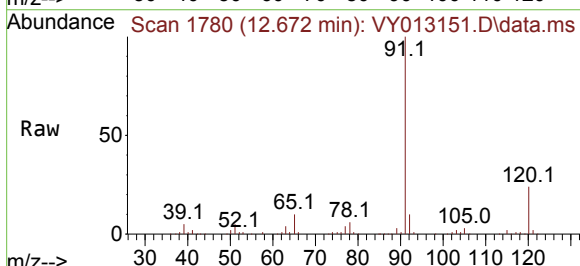
Acq: 30 Mar 2023 15:11

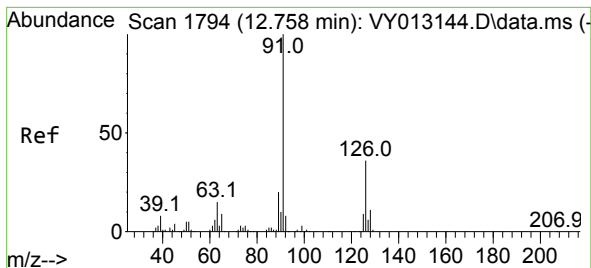
Tgt Ion: 91 Resp: 152095

Ion Ratio Lower Upper

91 100

120 23.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.607 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

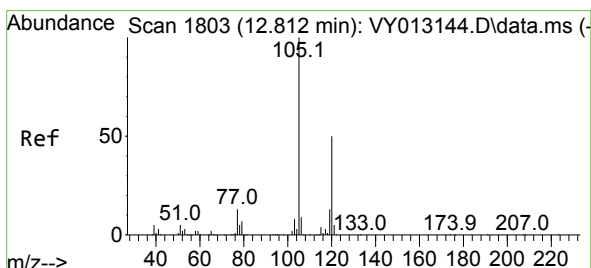
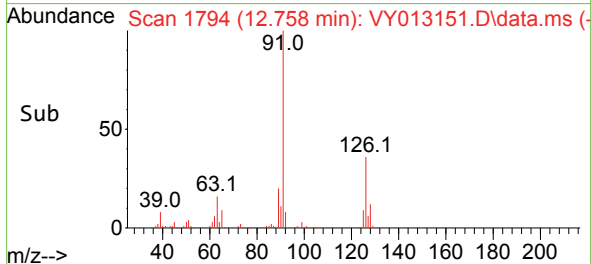
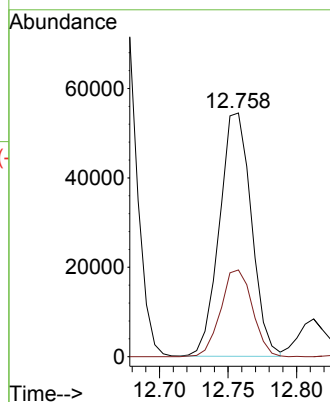
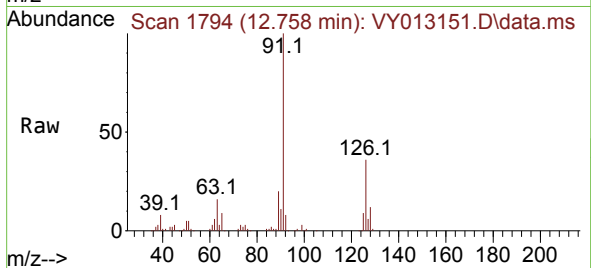
VY0330SBS01

Tgt Ion: 91 Resp: 88458

Ion Ratio Lower Upper

91 100

126 35.4 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.684 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013151.D

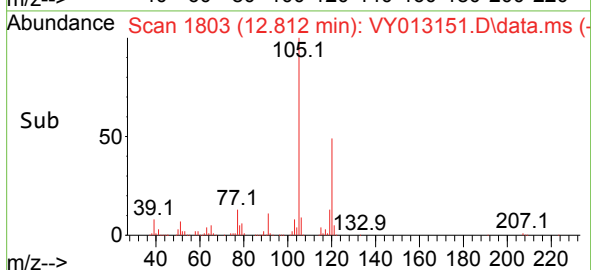
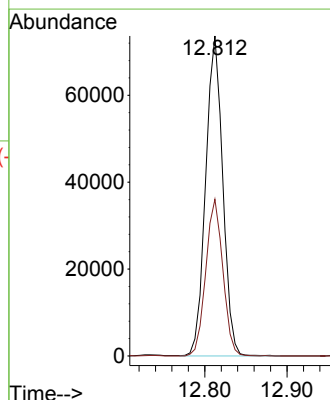
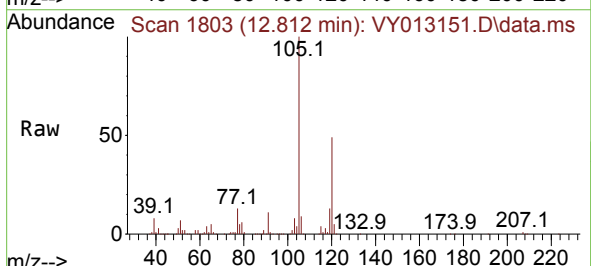
Acq: 30 Mar 2023 15:11

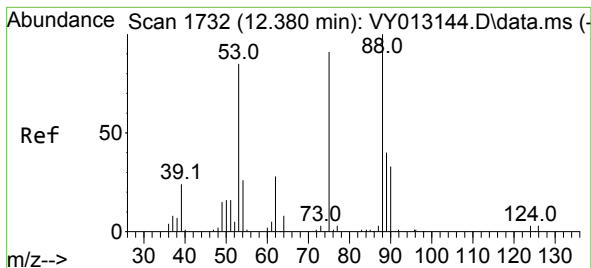
Tgt Ion:105 Resp: 106413

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4

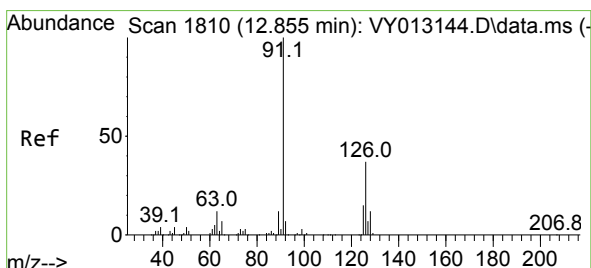
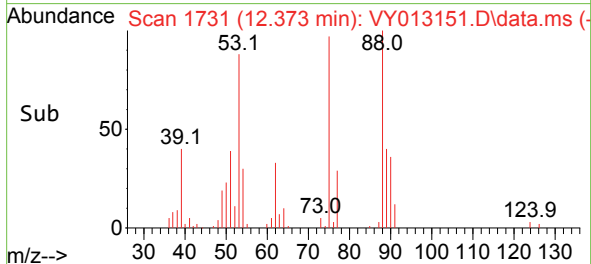
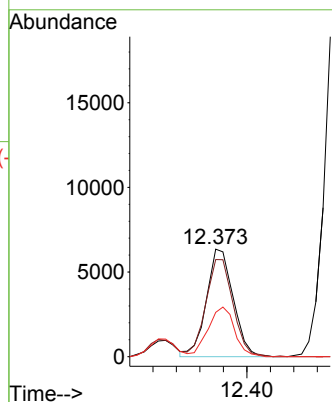
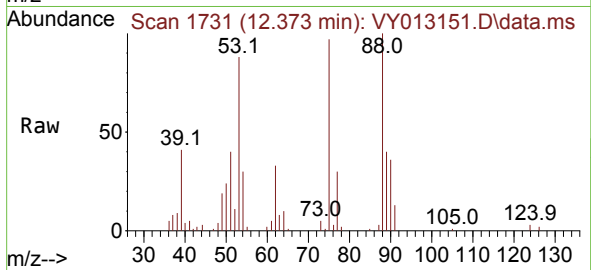




#81
trans-1,4-Dichloro-2-butene
Concen: 21.334 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

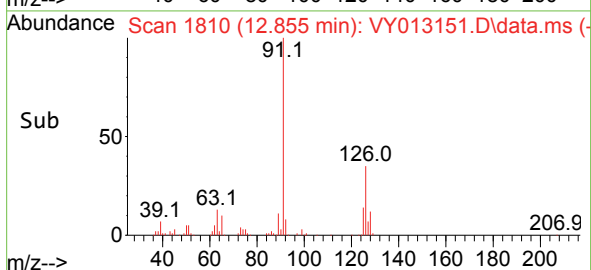
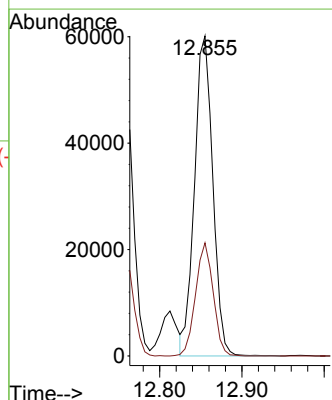
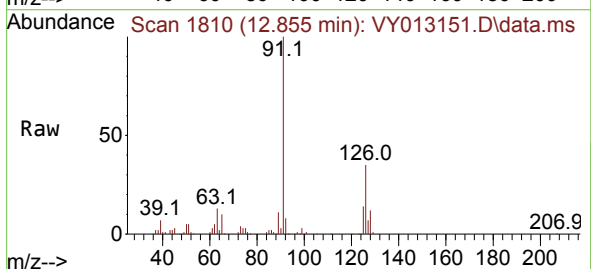
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBS01

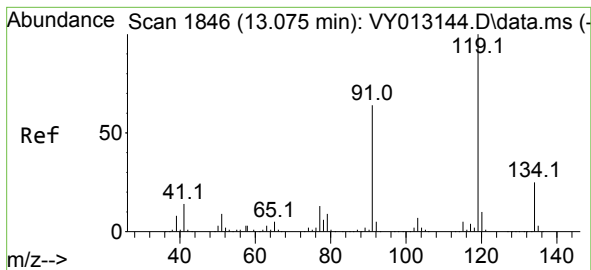
Tgt Ion: 75 Resp: 10067
Ion Ratio Lower Upper
75 100
53 91.4 73.4 110.0
89 45.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.778 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013151.D
Acq: 30 Mar 2023 15:11

Tgt Ion: 91 Resp: 92864
Ion Ratio Lower Upper
91 100
126 34.1 17.7 53.1

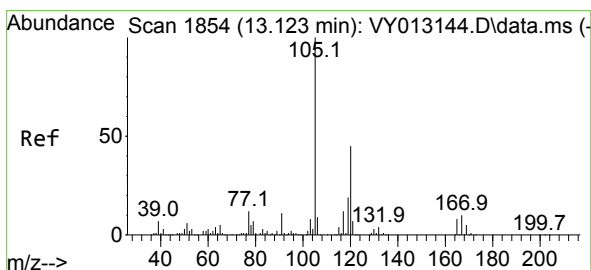
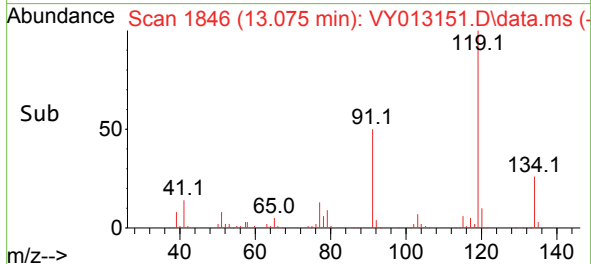
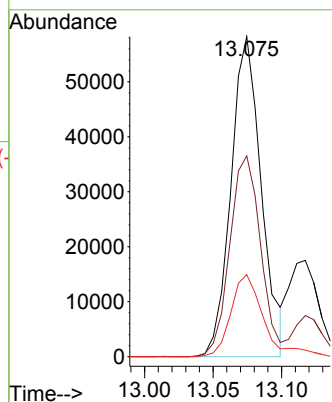
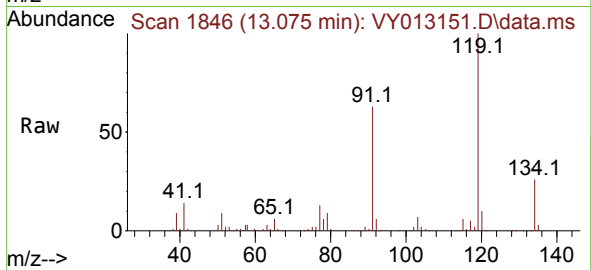




#83
 tert-Butylbenzene
 Concen: 19.350 ug/l
 RT: 13.075 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

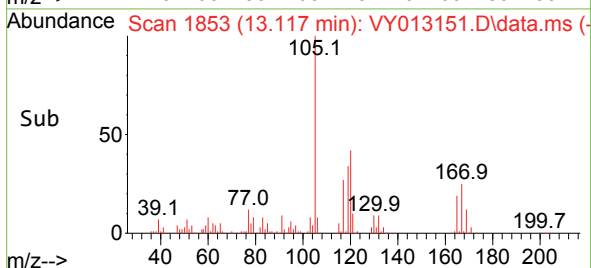
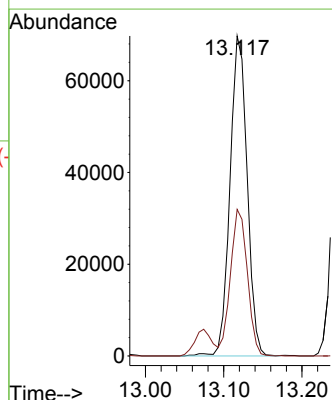
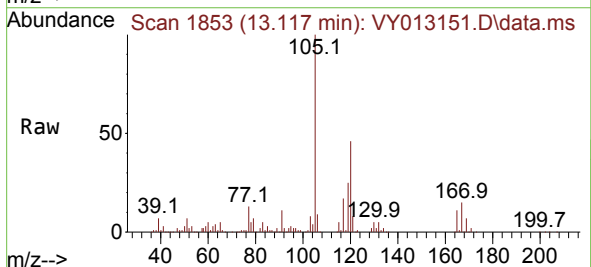
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBS01

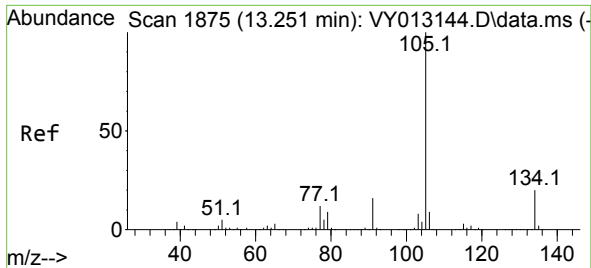
Tgt Ion:119 Resp: 89848
 Ion Ratio Lower Upper
 119 100
 91 63.5 32.8 98.3
 134 27.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.048 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion:105 Resp: 106140
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.0 69.0

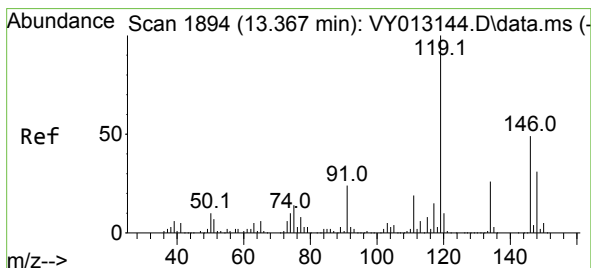
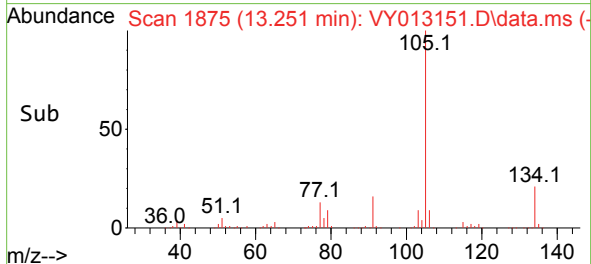
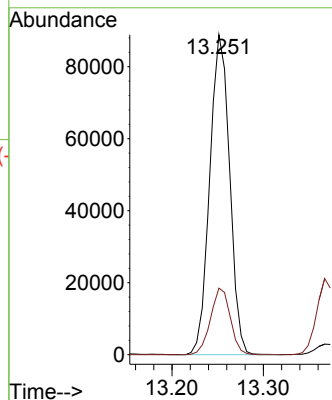
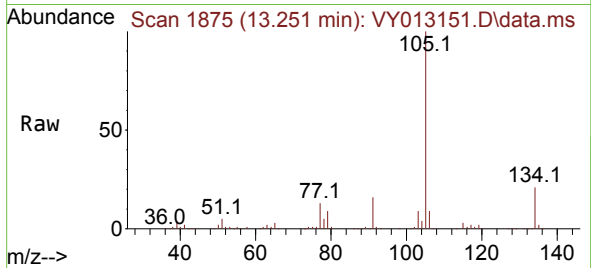




#85
 sec-Butylbenzene
 Concen: 19.189 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

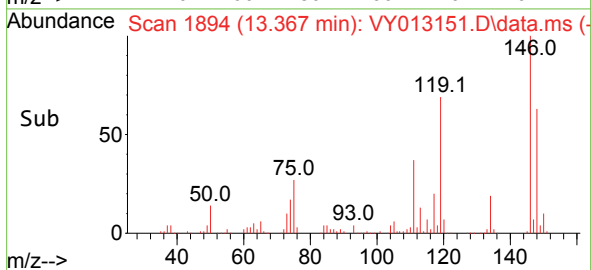
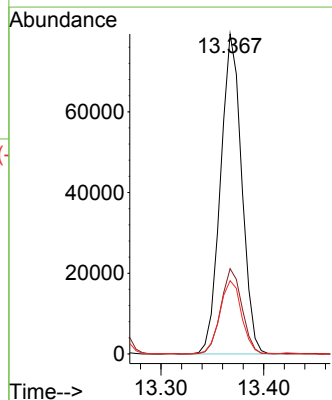
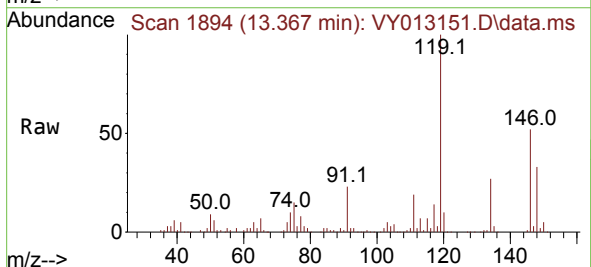
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBSD01

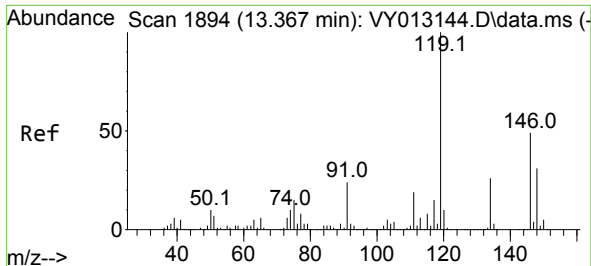
Tgt Ion:105 Resp: 134536
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 19.655 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013151.D
 Acq: 30 Mar 2023 15:11

Tgt Ion:119 Resp: 113444
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 23.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 19.782 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

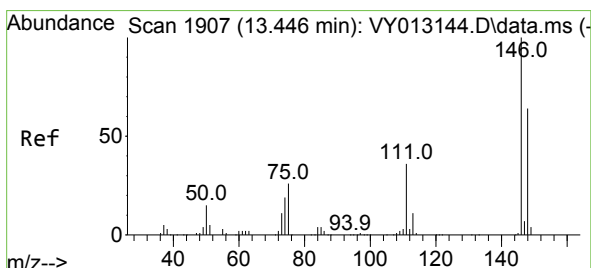
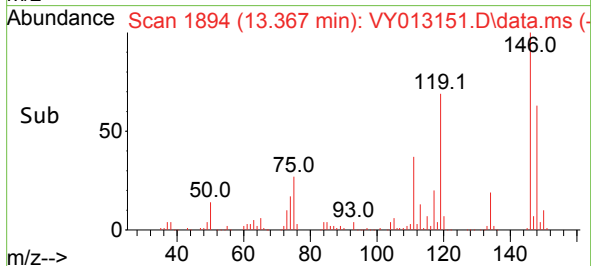
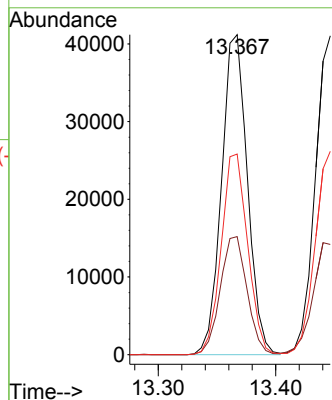
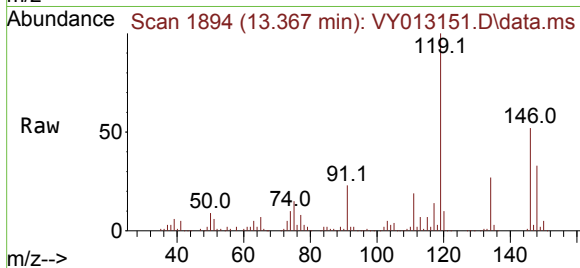
Tgt Ion:146 Resp: 63042

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.880 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

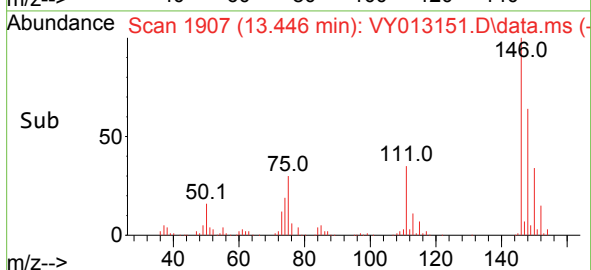
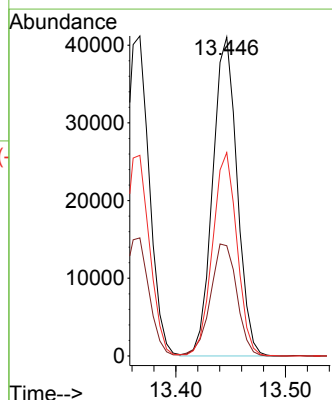
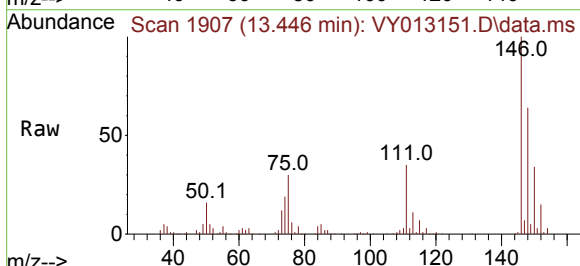
Tgt Ion:146 Resp: 63486

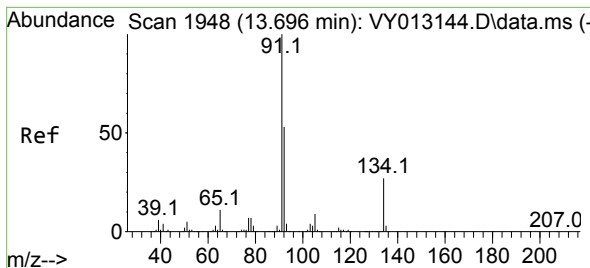
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.8

148 63.8 31.5 94.5





#89

n-Butylbenzene

Concen: 19.051 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

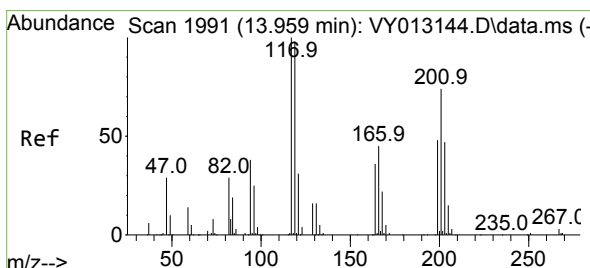
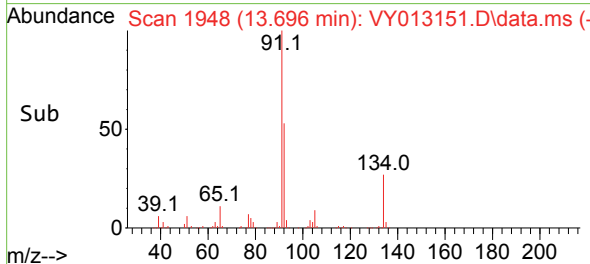
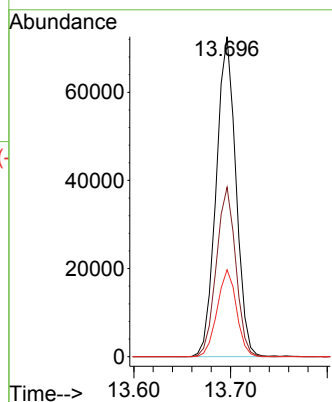
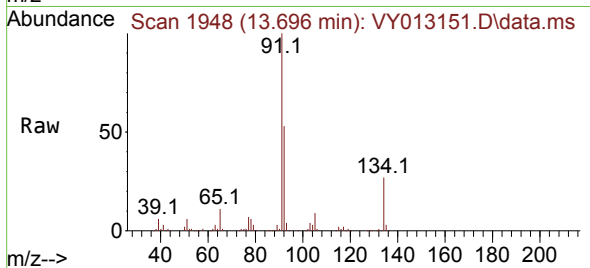
Tgt Ion: 91 Resp: 102794

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.0

134 26.6 13.0 38.9



#90

Hexachloroethane

Concen: 19.085 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013151.D

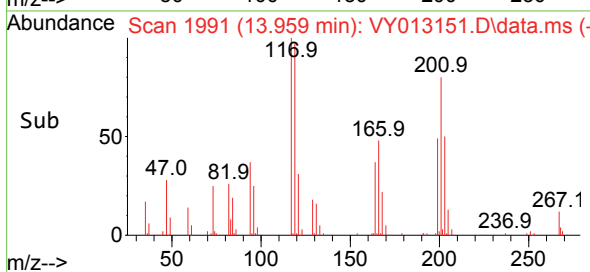
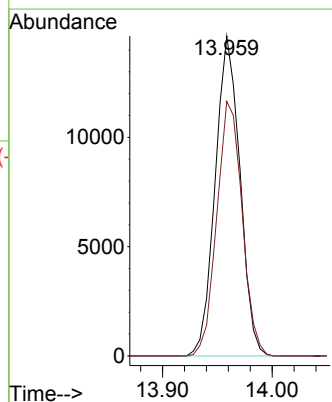
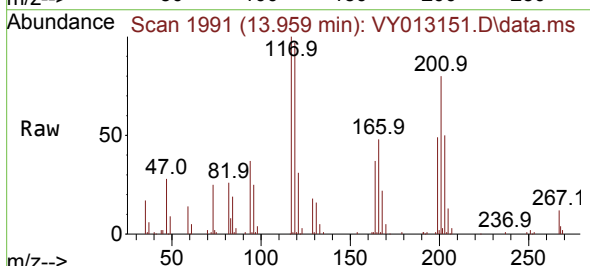
Acq: 30 Mar 2023 15:11

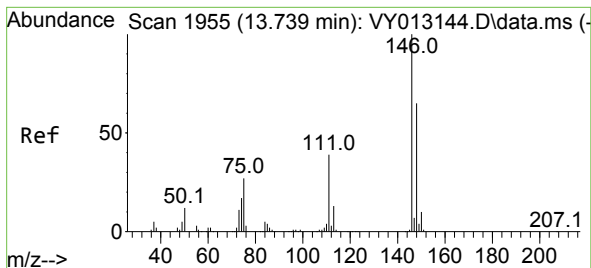
Tgt Ion: 117 Resp: 22948

Ion Ratio Lower Upper

117 100

201 81.5 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.058 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

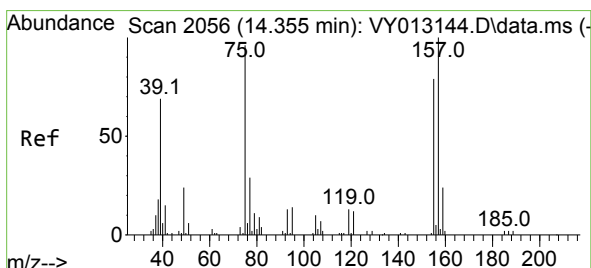
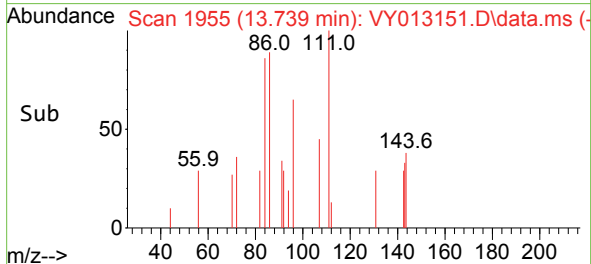
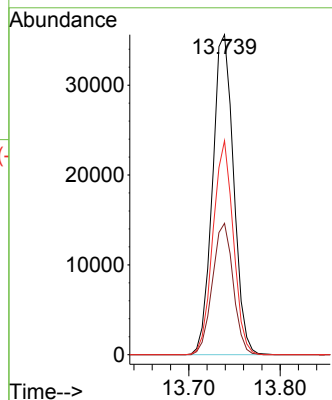
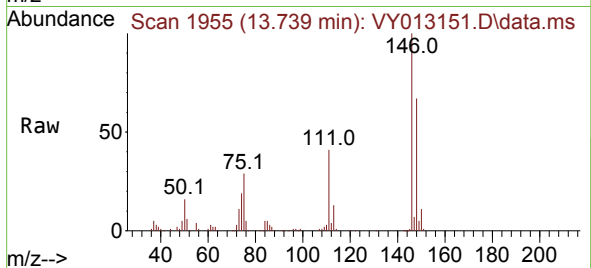
Tgt Ion:146 Resp: 57087

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.1

148 64.5 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.035 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

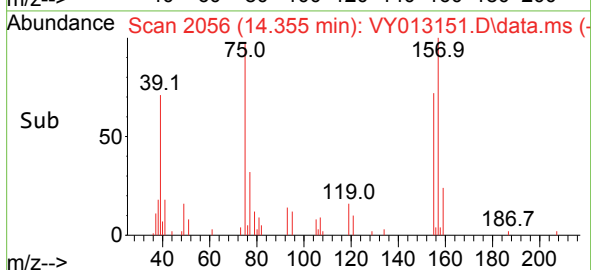
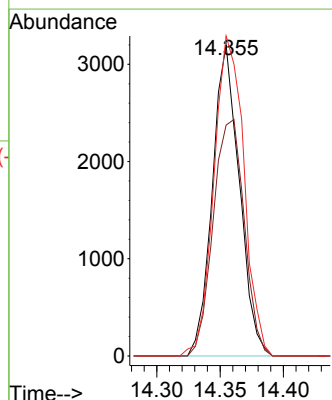
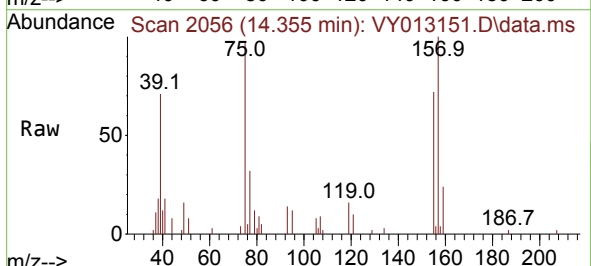
Tgt Ion: 75 Resp: 4741

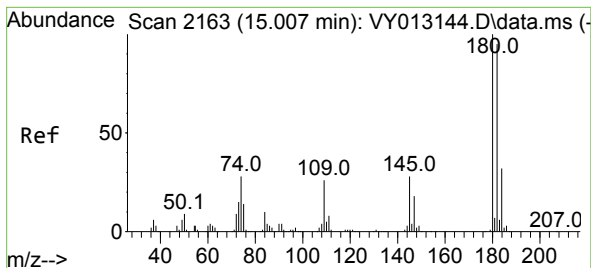
Ion Ratio Lower Upper

75 100

155 87.3 43.8 131.4

157 114.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.379 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

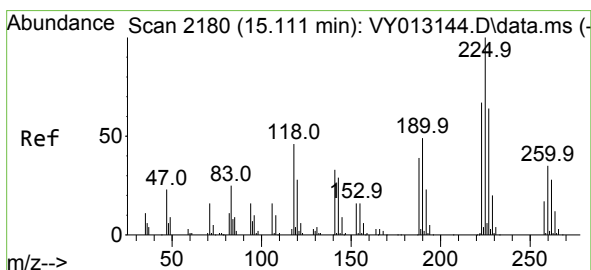
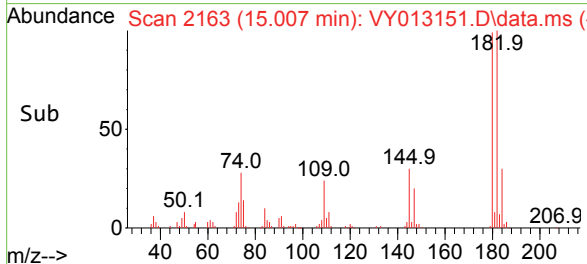
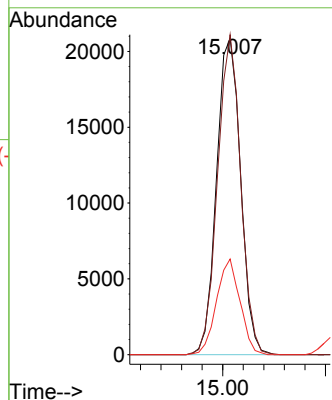
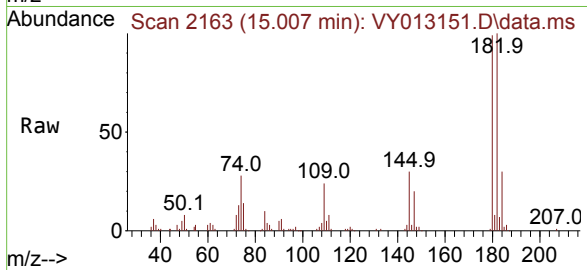
Tgt Ion:180 Resp: 33824

Ion Ratio Lower Upper

180 100

182 97.4 46.7 140.1

145 29.6 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.333 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

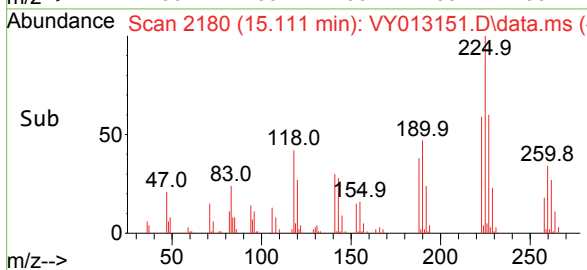
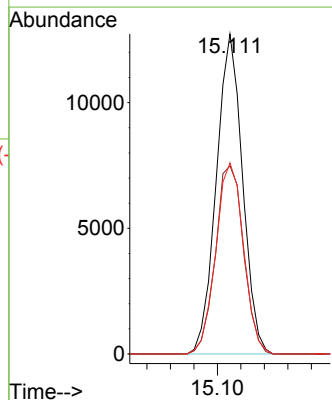
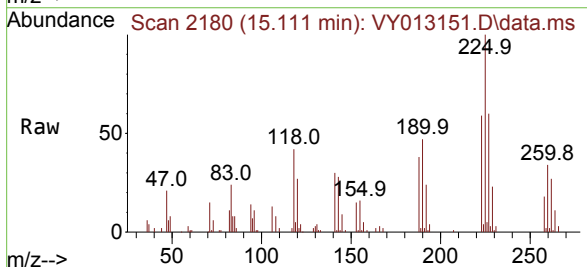
Tgt Ion:225 Resp: 19734

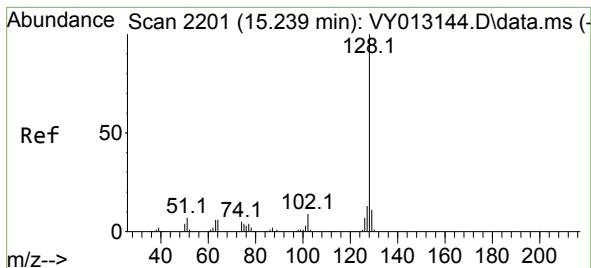
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.3

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 20.925 ug/l

RT: 15.233 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBS01

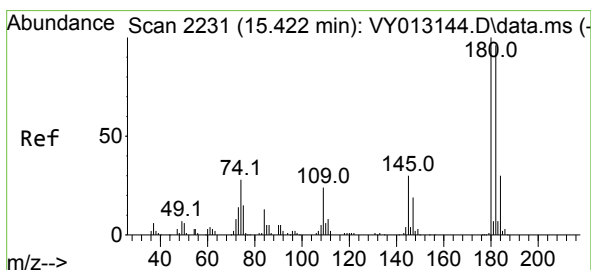
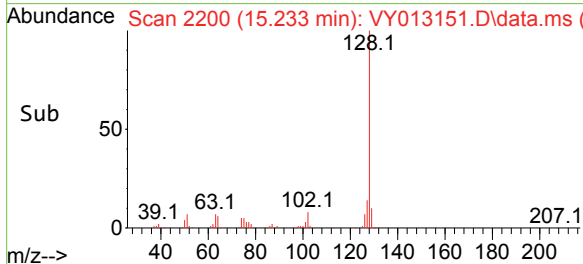
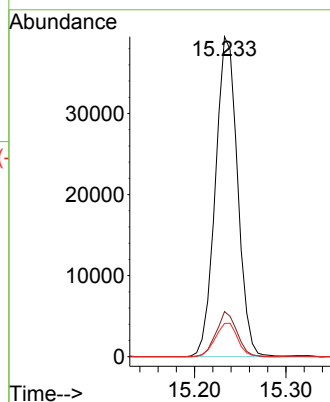
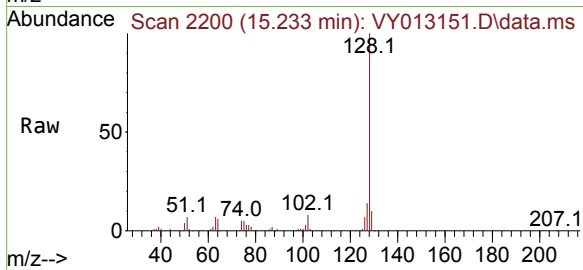
Tgt Ion:128 Resp: 66497

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: 20.871 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013151.D

Acq: 30 Mar 2023 15:11

Tgt Ion:180 Resp: 30519

Ion Ratio Lower Upper

180 100

182 96.1 47.4 142.3

145 30.4 15.3 45.8

