

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013167.D
 Acq On : 03 Apr 2023 11:46
 Operator : KP/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 03 23:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	132165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194897	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	177763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67532	47.546	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.100%		
35) Dibromofluoromethane	7.716	113	63081	49.545	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.100%		
50) Toluene-d8	10.179	98	237988	49.514	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.020%		
62) 4-Bromofluorobenzene	12.483	95	80192	51.256	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24235	18.705	ug/l	98
3) Chloromethane	2.113	50	19766	14.630	ug/l	100
4) Vinyl Chloride	2.253	62	19949	14.727	ug/l	98
5) Bromomethane	2.644	94	15260	15.962	ug/l	96
6) Chloroethane	2.796	64	13699	16.144	ug/l	99
7) Trichlorofluoromethane	3.125	101	46600	19.329	ug/l	98
8) Diethyl Ether	3.528	74	14314	18.907	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	24439	18.386	ug/l	95
10) Methyl Iodide	4.088	142	30667	17.718	ug/l	98
11) Tert butyl alcohol	4.936	59	6778	52.947	ug/l	95
12) 1,1-Dichloroethene	3.869	96	23469	18.265	ug/l	86
13) Acrolein	3.729	56	15742	87.627	ug/l	98
14) Allyl chloride	4.479	41	36783	16.801	ug/l	93
15) Acrylonitrile	5.161	53	33946	90.234	ug/l	99
16) Acetone	3.948	43	34318	79.015	ug/l	98
17) Carbon Disulfide	4.192	76	69343	16.205	ug/l	100
18) Methyl Acetate	4.473	43	23749	17.354	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	62300	19.134	ug/l	98
20) Methylene Chloride	4.716	84	29440	15.981	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	25239	17.433	ug/l	97
22) Diisopropyl ether	6.119	45	73518	17.188	ug/l	95
23) Vinyl Acetate	6.058	43	212895	87.525	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	44206	17.450	ug/l	99
25) 2-Butanone	6.984	43	46415	85.466	ug/l	99
26) 2,2-Dichloropropane	6.978	77	41906	18.392	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	29186	18.713	ug/l	94
28) Bromochloromethane	7.332	49	17485	16.086	ug/l #	81
29) Tetrahydrofuran	7.344	42	27895	86.769	ug/l	91
30) Chloroform	7.509	83	48243	18.390	ug/l	100
31) Cyclohexane	7.783	56	38898	16.775	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	43785	18.878	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35398	18.468	ug/l	99
37) Ethyl Acetate	7.070	43	20096	18.457	ug/l	99
38) Carbon Tetrachloride	7.899	117	41766	19.749	ug/l	100
39) Methylcyclohexane	9.179	83	41774	18.577	ug/l	96
40) Benzene	8.161	78	102435	18.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	27545	57.025	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	32508	19.166	ug/l	100
43) Isopropyl Acetate	8.271	43	35520	18.225	ug/l	95
44) Trichloroethene	8.941	130	29100	19.095	ug/l	98
45) 1,2-Dichloropropane	9.216	63	24354	17.568	ug/l	94
46) Dibromomethane	9.307	93	15596	19.584	ug/l	95
47) Bromodichloromethane	9.496	83	36675	19.087	ug/l #	97
48) Methyl methacrylate	9.295	41	16080	17.715	ug/l	91
49) 1,4-Dioxane	9.295	88	3746	395.408	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	97331	92.535	ug/l	97
52) Toluene	10.246	92	66461	19.354	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	36861	18.768	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	42253	18.837	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	21722	19.733	ug/l	93
56) Ethyl methacrylate	10.508	69	27411	19.805	ug/l	93
57) 1,3-Dichloropropane	10.788	76	35109	18.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	63384	97.944	ug/l	94
59) 2-Hexanone	10.831	43	70687	92.922	ug/l	97
60) Dibromochloromethane	10.984	129	27721	20.050	ug/l	100
61) 1,2-Dibromoethane	11.087	107	20217	18.955	ug/l	97
64) Tetrachloroethene	10.721	164	27190	19.896	ug/l	99
65) Chlorobenzene	11.514	112	71415	18.924	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	28456	20.113	ug/l	98
67) Ethyl Benzene	11.593	91	123099	18.887	ug/l	98
68) m/p-Xylenes	11.703	106	98500	39.067	ug/l	99
69) o-Xylene	12.032	106	46030	19.682	ug/l	96
70) Styrene	12.044	104	79515	20.325	ug/l	99
71) Bromoform	12.209	173	18458	21.040	ug/l #	98
73) Isopropylbenzene	12.331	105	123738	19.220	ug/l	99
74) N-amyl acetate	12.142	43	31049	17.565	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	25977	19.263	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32385	30.909	ug/l #	100
77) Bromobenzene	12.611	156	31128	19.447	ug/l	91
78) n-propylbenzene	12.672	91	151028	19.079	ug/l	99
79) 2-Chlorotoluene	12.758	91	83914	18.681	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	105503	19.601	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	8834	18.803	ug/l	98
82) 4-Chlorotoluene	12.855	91	89461	19.137	ug/l	99
83) tert-Butylbenzene	13.075	119	90798	19.640	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	104073	19.743	ug/l	100
85) sec-Butylbenzene	13.251	105	134702	19.296	ug/l	100
86) p-Isopropyltoluene	13.367	119	114028	19.842	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	62211	19.607	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	61491	19.340	ug/l	98
89) n-Butylbenzene	13.696	91	102523	19.084	ug/l	98
90) Hexachloroethane	13.959	117	22508	18.801	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	54052	19.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4019	17.910	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	32659	19.763	ug/l	98
94) Hexachlorobutadiene	15.111	225	21049	20.711	ug/l	99
95) Naphthalene	15.233	128	59291	19.077	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28979	19.904	ug/l	99

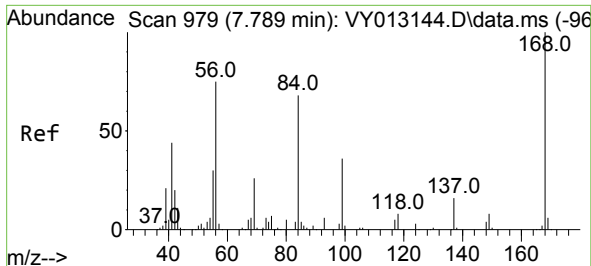
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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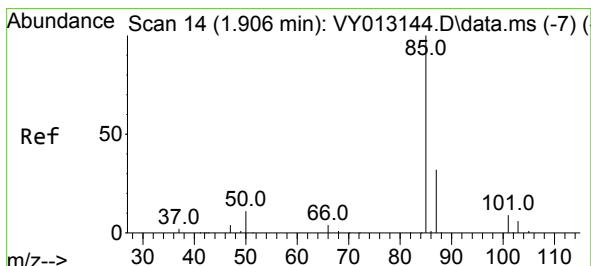
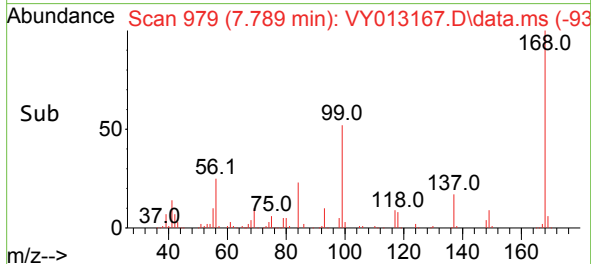
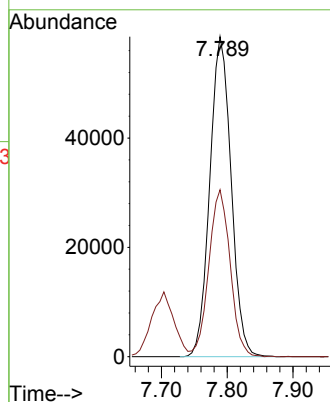
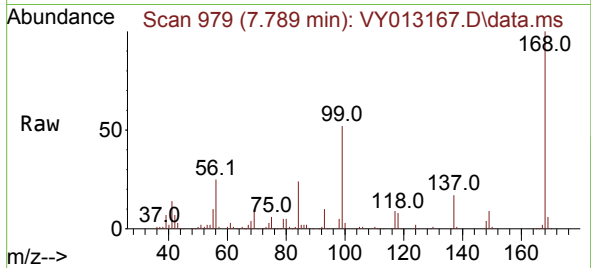
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013167.D
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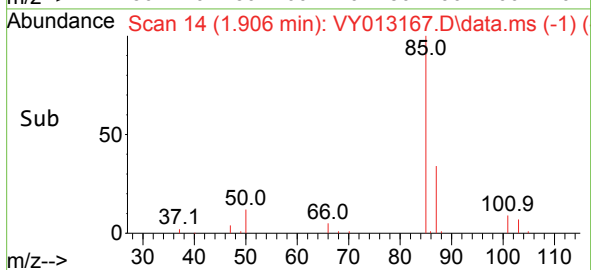
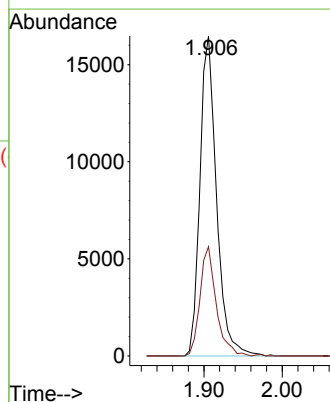
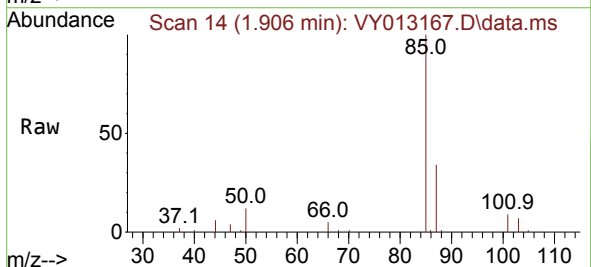
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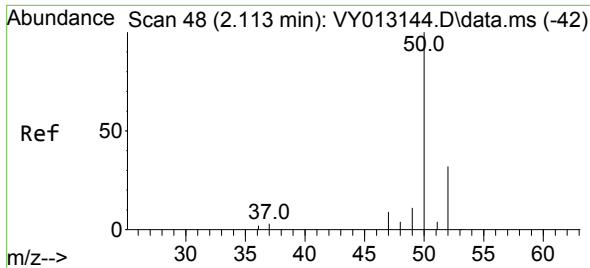
Tgt Ion:168 Resp: 132165
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 18.705 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 85 Resp: 24235
Ion Ratio Lower Upper
85 100
87 34.2 16.7 50.0

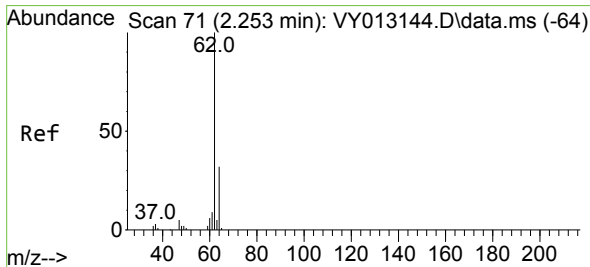
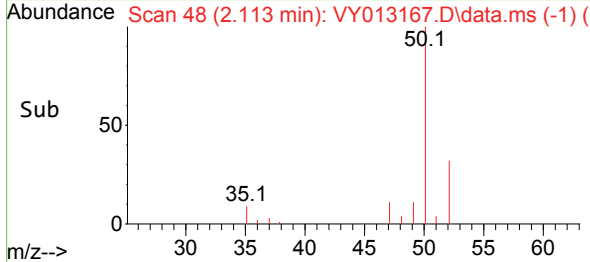
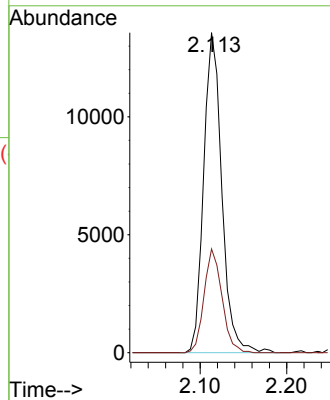
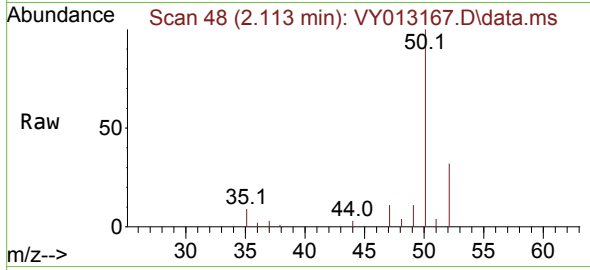




#3
Chloromethane
Concen: 14.630 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

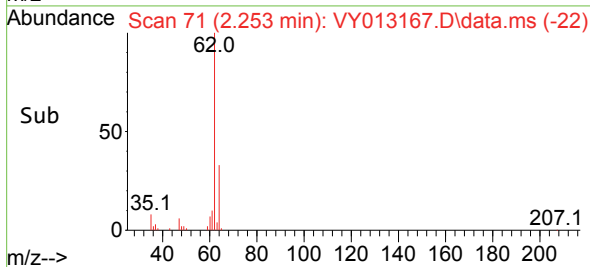
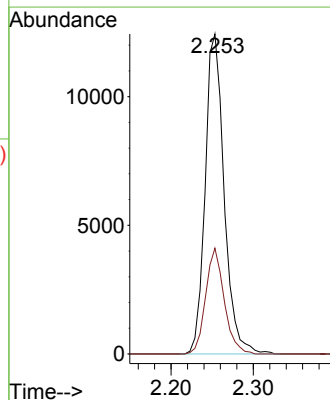
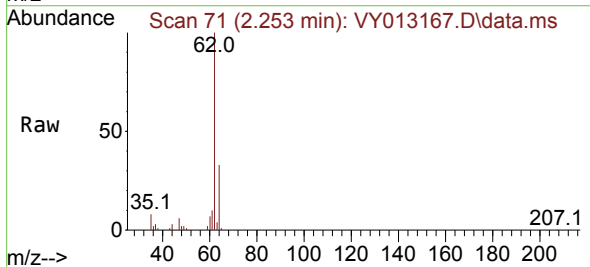
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

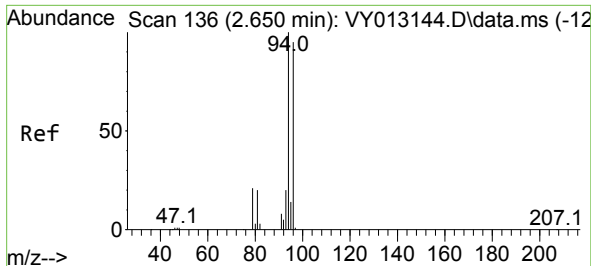
Tgt Ion: 50 Resp: 19766
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 14.727 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 62 Resp: 19949
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4





#5

Bromomethane

Concen: 15.962 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

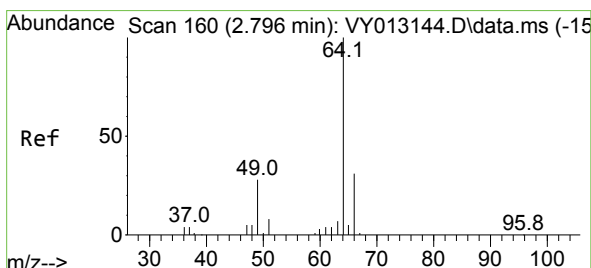
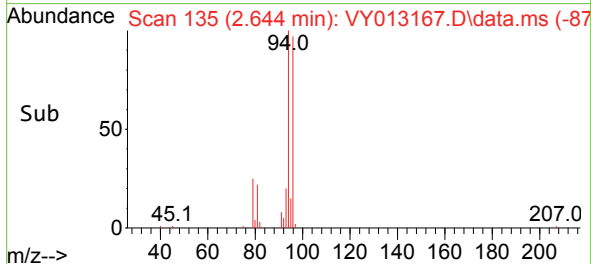
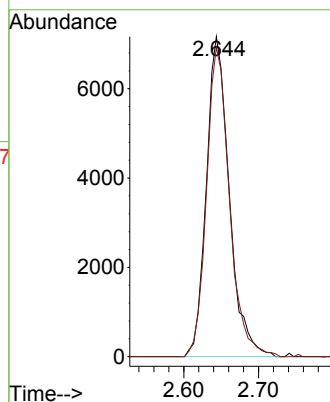
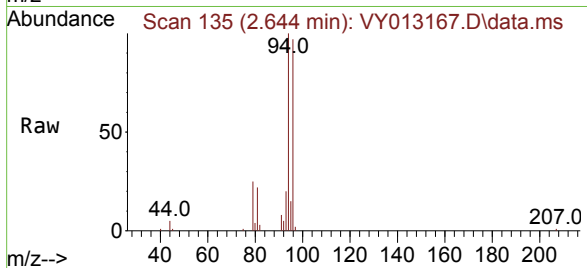
VY0403SBS01

Tgt Ion: 94 Resp: 15260

Ion Ratio Lower Upper

94 100

96 96.7 80.3 120.5



#6

Chloroethane

Concen: 16.144 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY013167.D

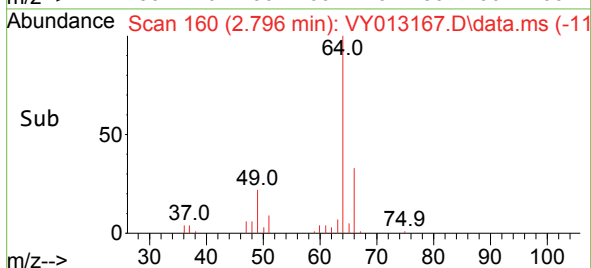
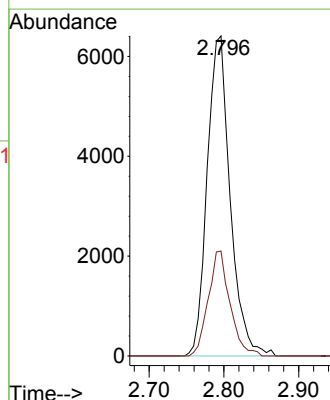
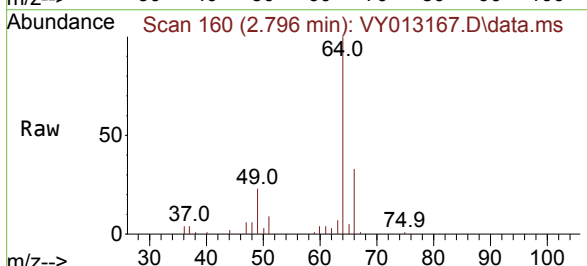
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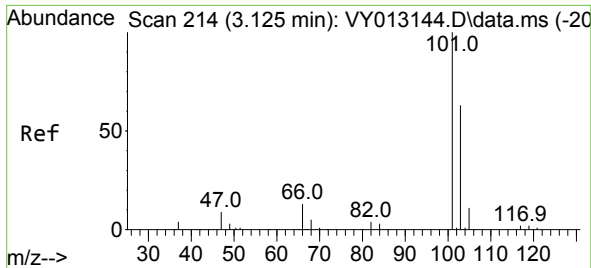
Tgt Ion: 64 Resp: 13699

Ion Ratio Lower Upper

64 100

66 32.8 25.7 38.5

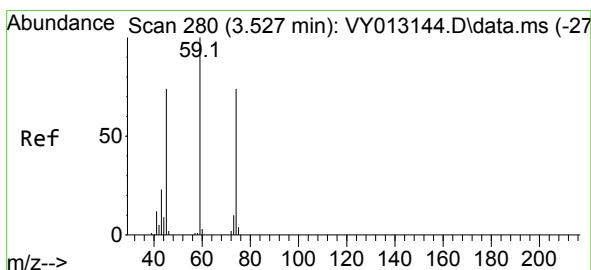
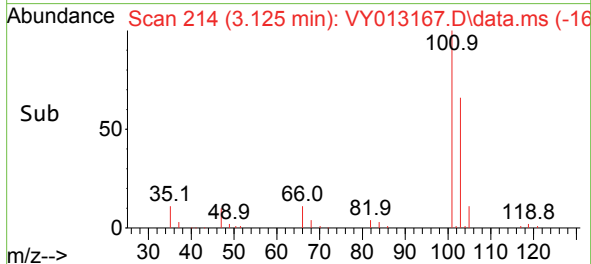
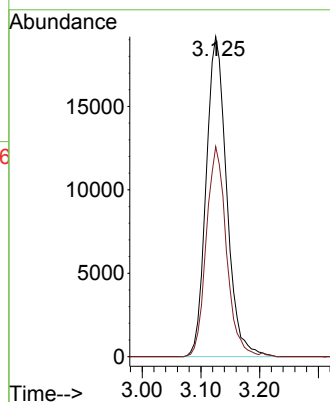
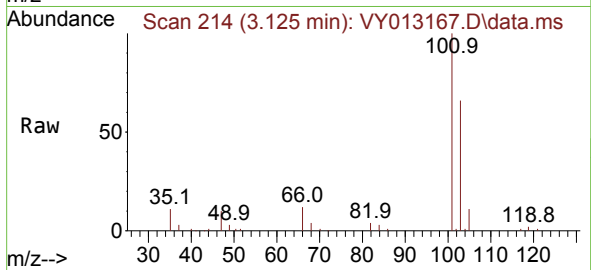




#7
 Trichlorofluoromethane
 Concen: 19.329 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013167.D
 Acq: 03 Apr 2023 11:46

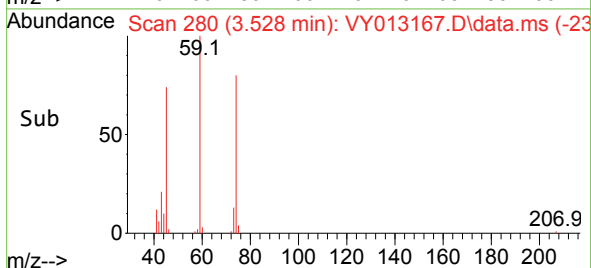
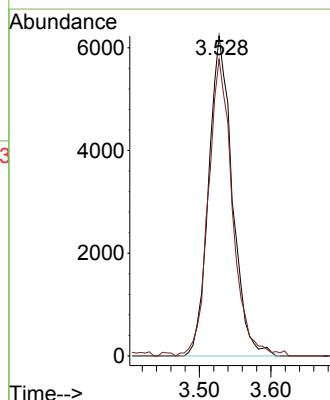
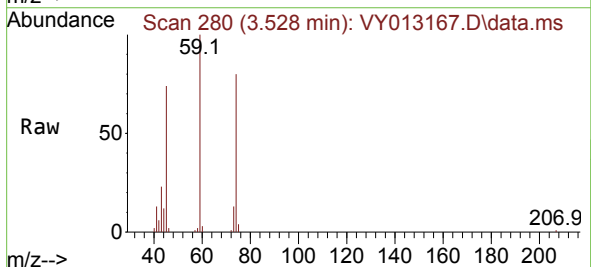
Instrument :
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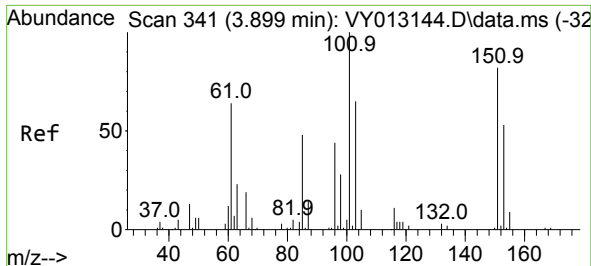
Tgt Ion:101 Resp: 46600
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.5 77.3



#8
 Diethyl Ether
 Concen: 18.907 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.001 min
 Lab File: VY013167.D
 Acq: 03 Apr 2023 11:46

Tgt Ion: 74 Resp: 14314
 Ion Ratio Lower Upper
 74 100
 45 94.7 52.1 156.4

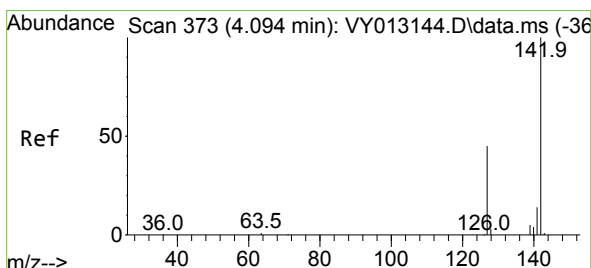
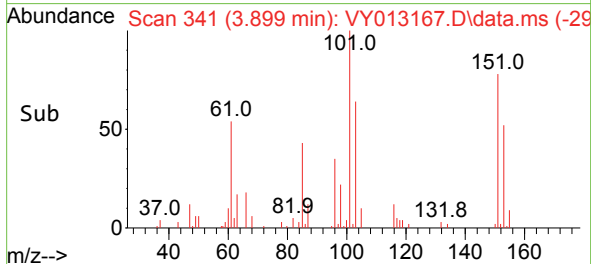
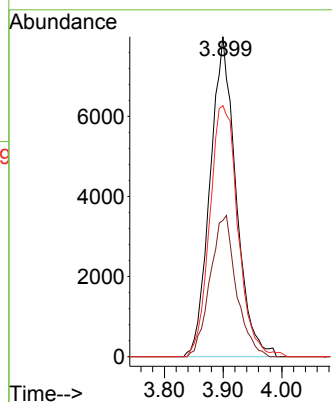
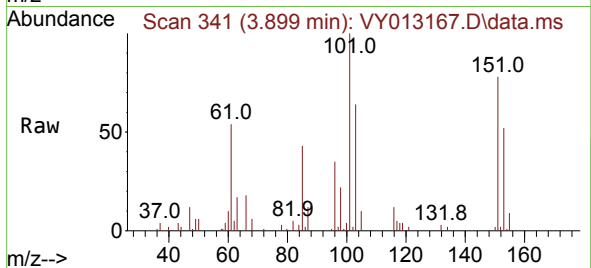




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.386 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013167.D
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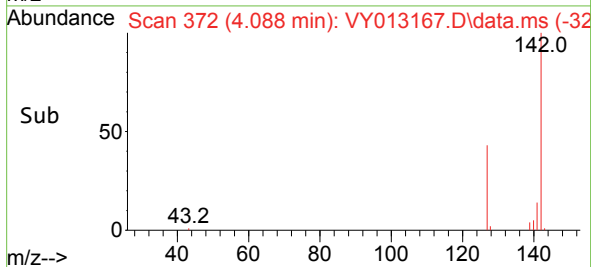
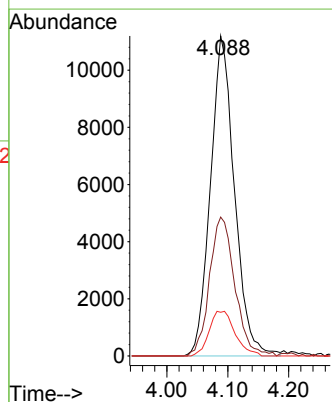
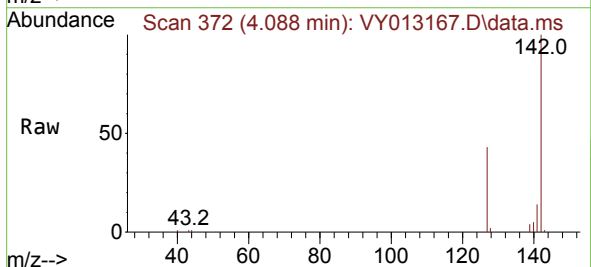
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

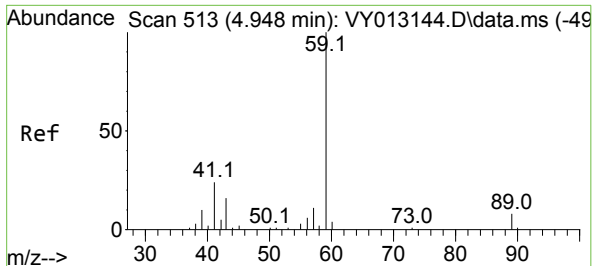
Tgt Ion:101 Resp: 24439
Ion Ratio Lower Upper
101 100
85 44.6 35.3 52.9
151 85.5 63.1 94.7



#10
Methyl Iodide
Concen: 17.718 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:142 Resp: 30667
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.2
141 15.1 11.3 16.9

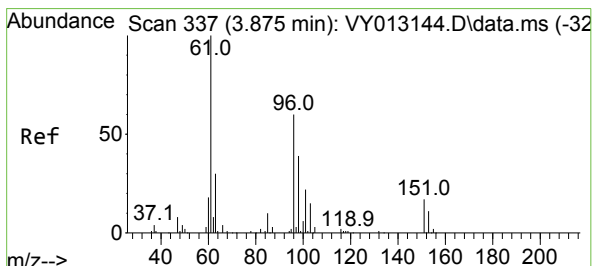
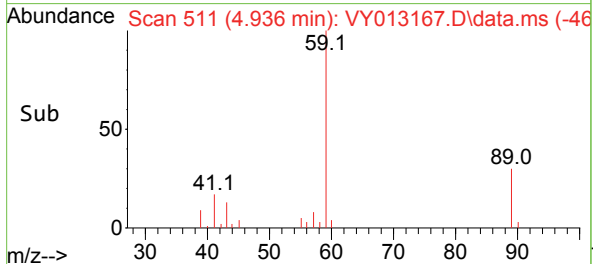
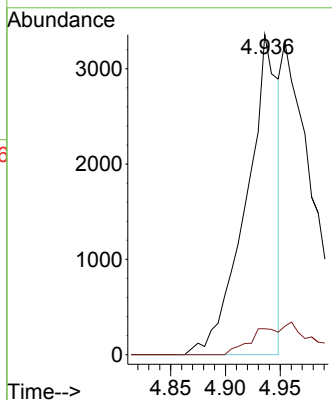
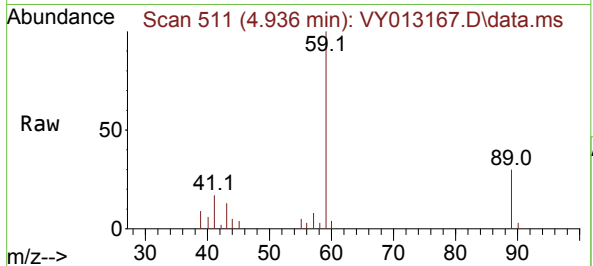




#11
Tert butyl alcohol
Concen: 52.947 ug/l
RT: 4.936 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

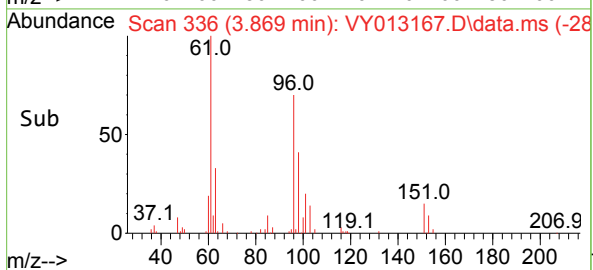
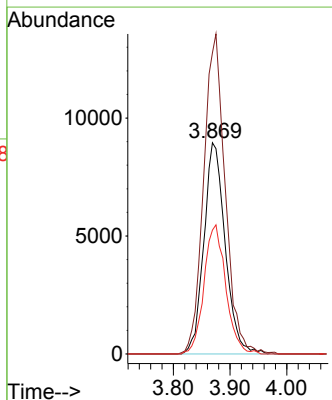
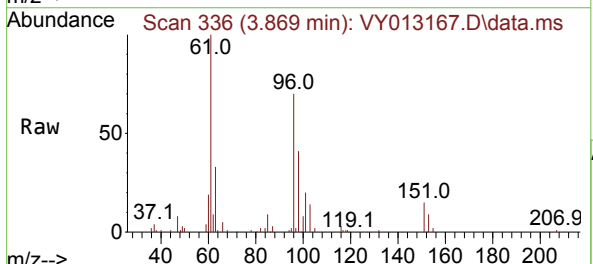
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

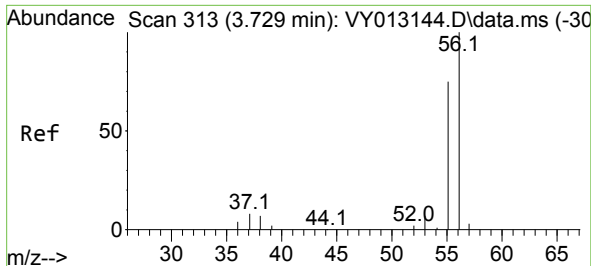
Tgt Ion: 59 Resp: 6778
Ion Ratio Lower Upper
59 100
57 7.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.265 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 96 Resp: 23469
Ion Ratio Lower Upper
96 100
61 142.6 131.7 197.5
98 58.6 52.0 78.0





#13

Acrolein

Concen: 87.627 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

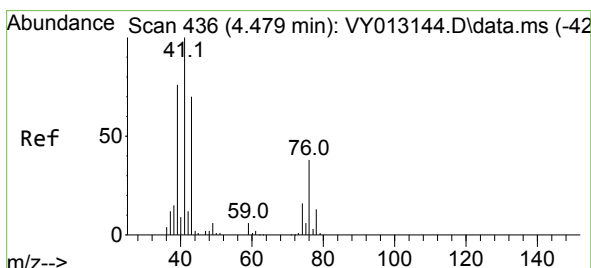
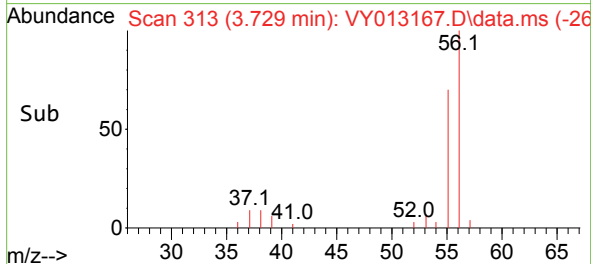
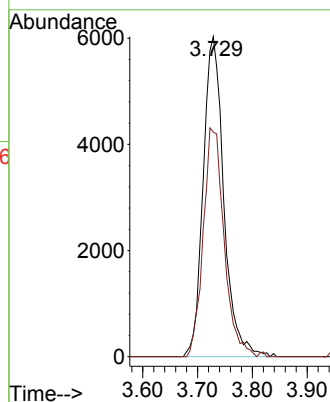
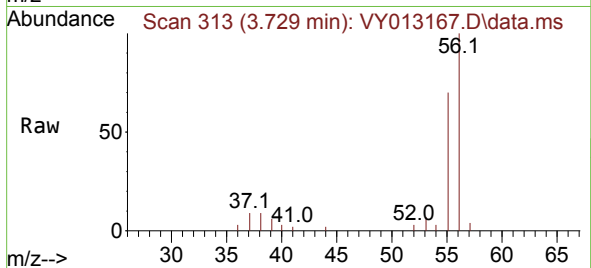
VY0403SBS01

Tgt Ion: 56 Resp: 15742

Ion Ratio Lower Upper

56 100

55 72.3 56.8 85.2



#14

Allyl chloride

Concen: 16.801 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

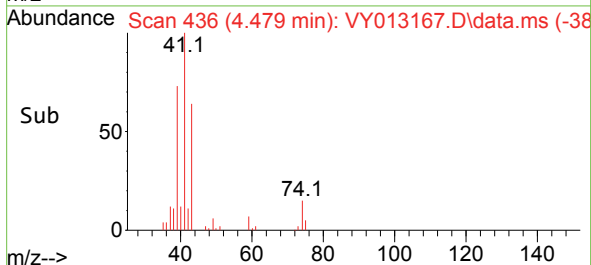
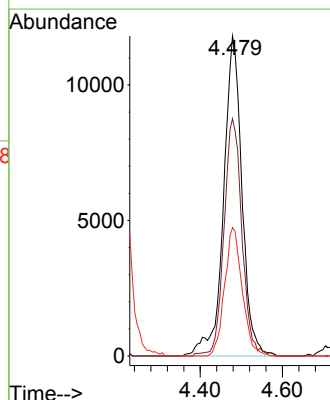
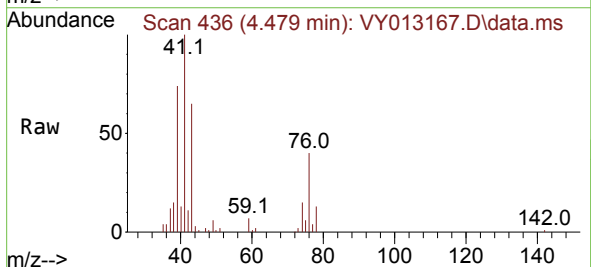
Tgt Ion: 41 Resp: 36783

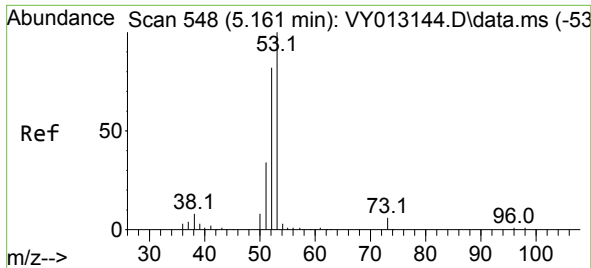
Ion Ratio Lower Upper

41 100

39 72.0 53.6 80.4

76 38.3 27.2 40.8

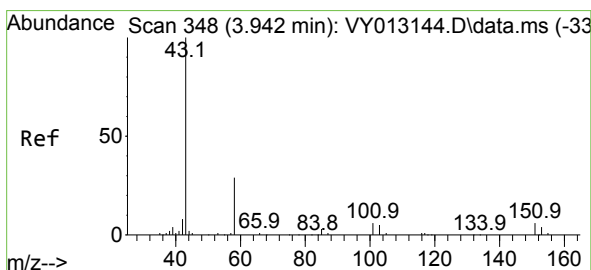
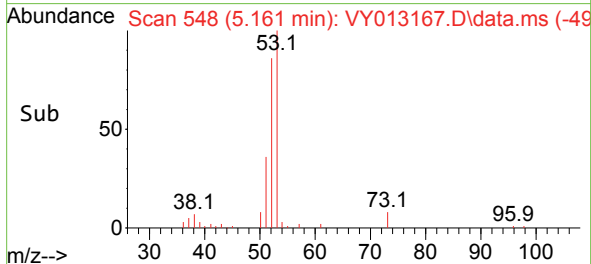
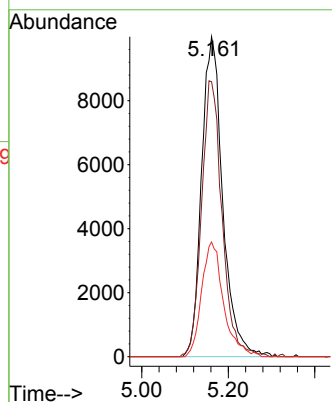
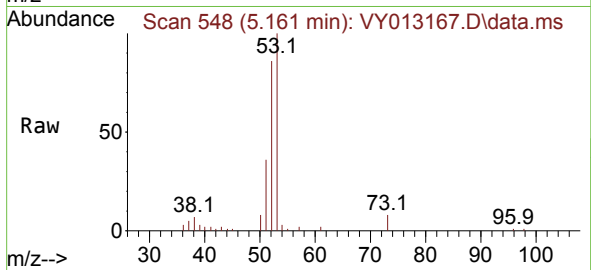




#15
Acrylonitrile
Concen: 90.234 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

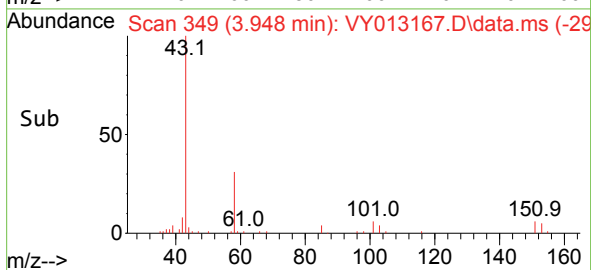
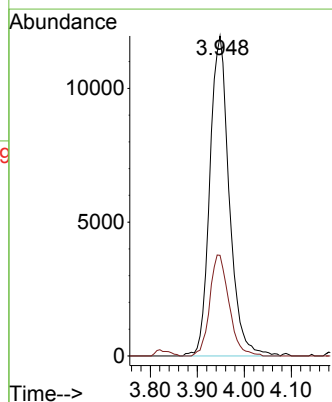
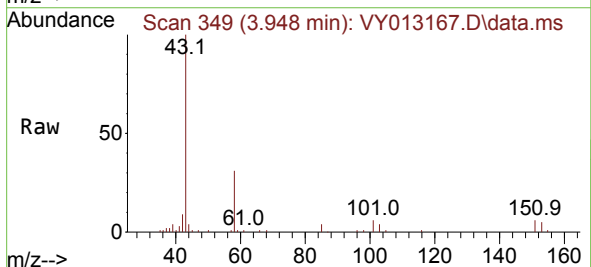
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

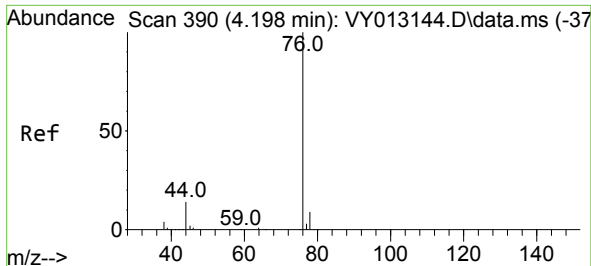
Tgt Ion:	53	Resp:	33946
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.3	99.5
51	37.1	28.8	43.2



#16
Acetone
Concen: 79.015 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:	43	Resp:	34318
Ion	Ratio	Lower	Upper
43	100		
58	31.4	24.2	36.2

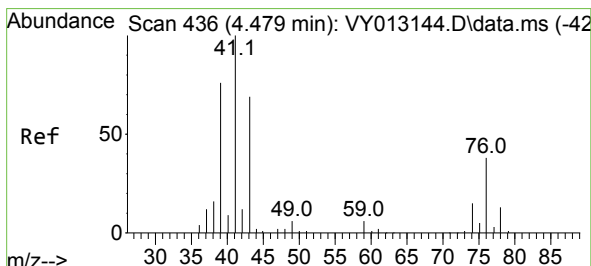
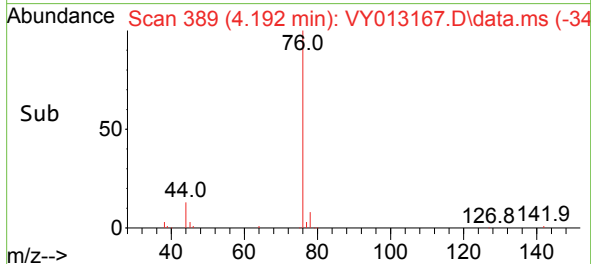
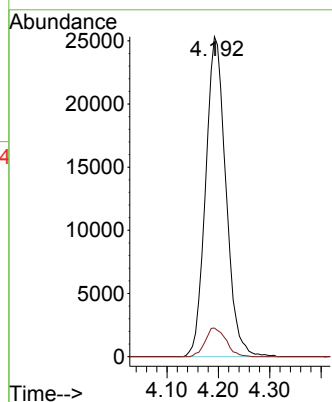
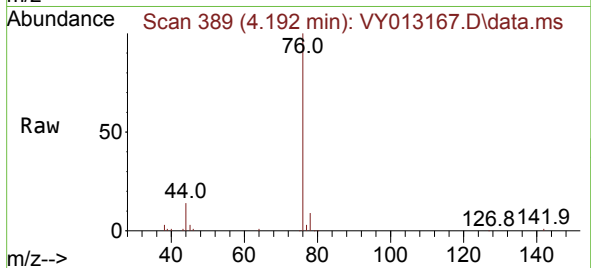




#17
Carbon Disulfide
Concen: 16.205 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

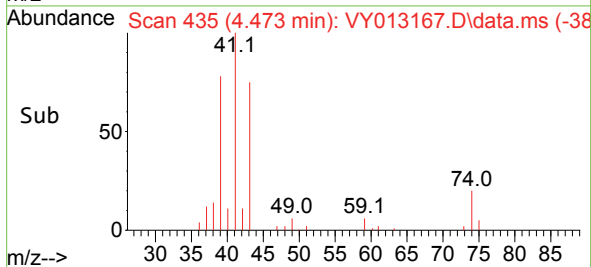
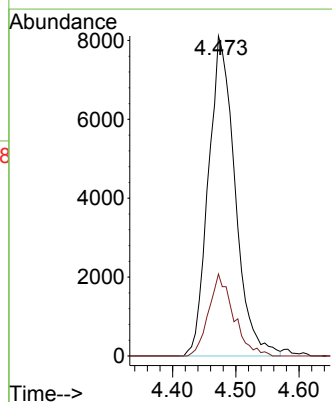
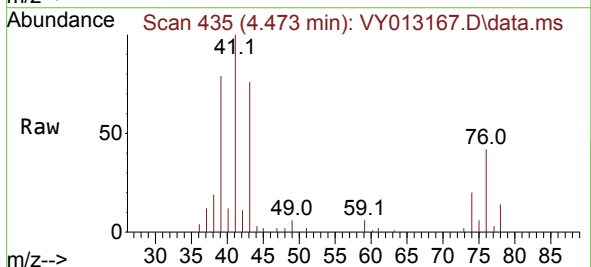
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

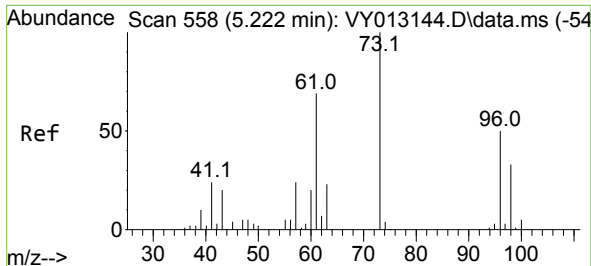
Tgt Ion: 76 Resp: 69343
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 17.354 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 43 Resp: 23749
Ion Ratio Lower Upper
43 100
74 24.0 17.4 26.0

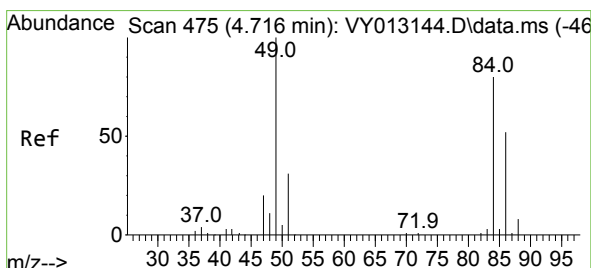
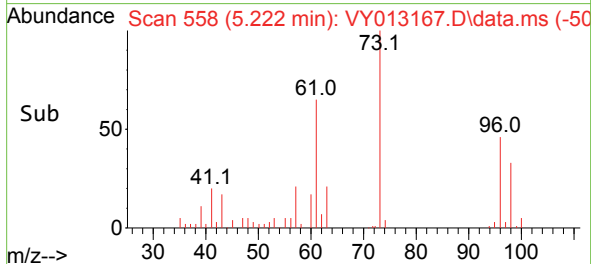
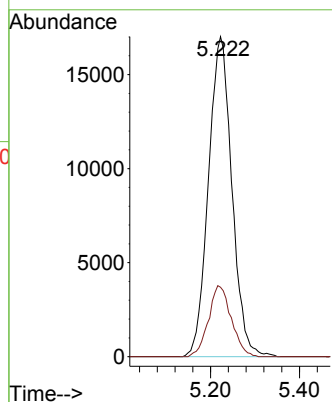
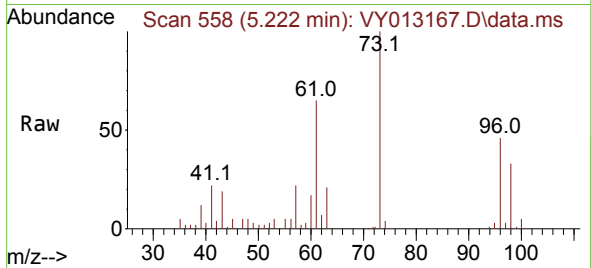




#19
Methyl tert-butyl Ether
Concen: 19.134 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

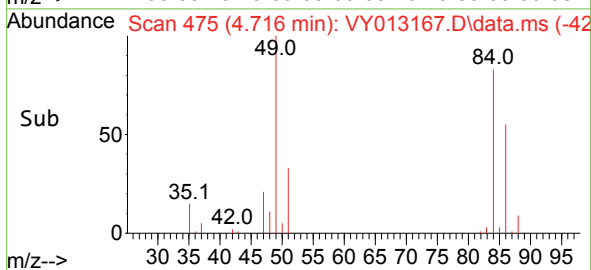
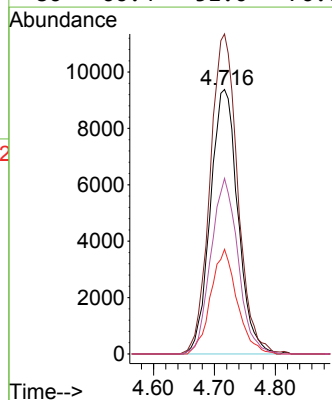
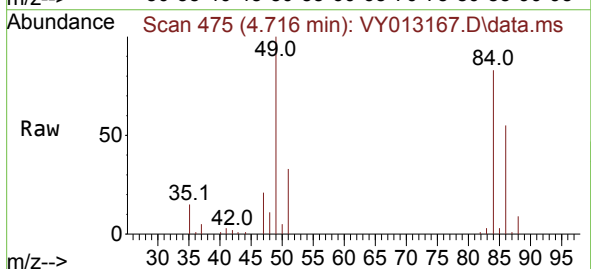
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

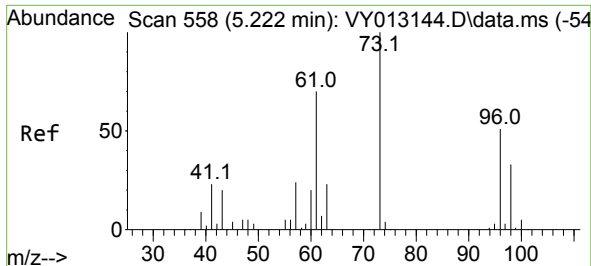
Tgt Ion: 73 Resp: 62300
Ion Ratio Lower Upper
73 100
57 21.7 18.3 27.5



#20
Methylene Chloride
Concen: 15.981 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 84 Resp: 29440
Ion Ratio Lower Upper
84 100
49 121.0 102.6 154.0
51 39.6 31.9 47.9
86 66.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.433 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

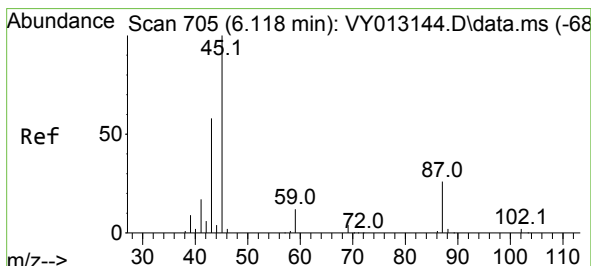
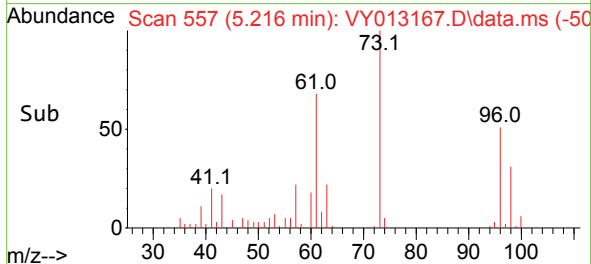
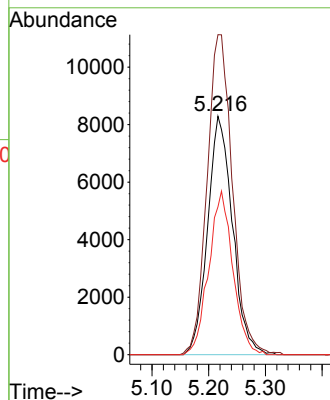
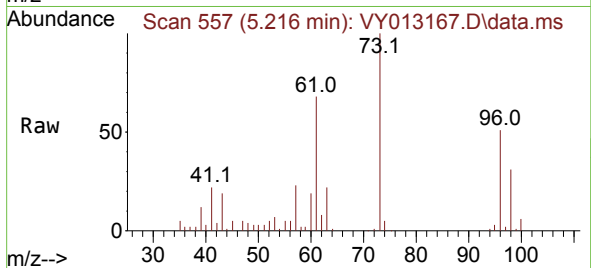
Tgt Ion: 96 Resp: 25239

Ion Ratio Lower Upper

96 100

61 134.2 111.4 167.0

98 62.0 50.8 76.2



#22

Diisopropyl ether

Concen: 17.188 ug/l

RT: 6.119 min Scan# 705

Delta R.T. 0.001 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Tgt Ion: 45 Resp: 73518

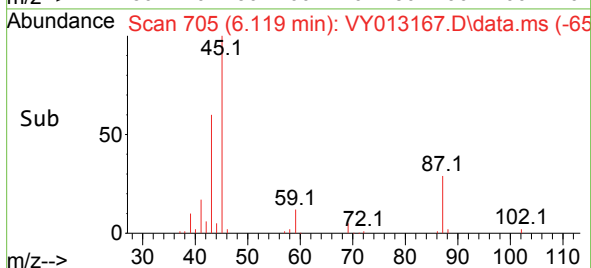
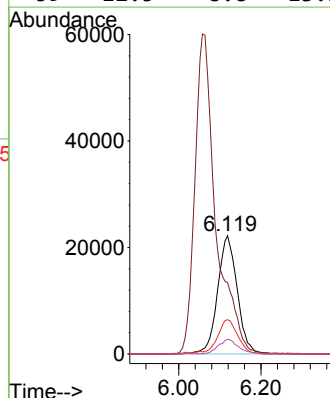
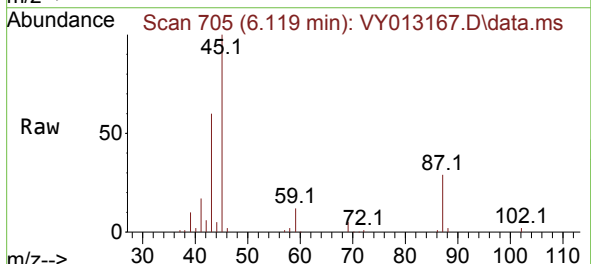
Ion Ratio Lower Upper

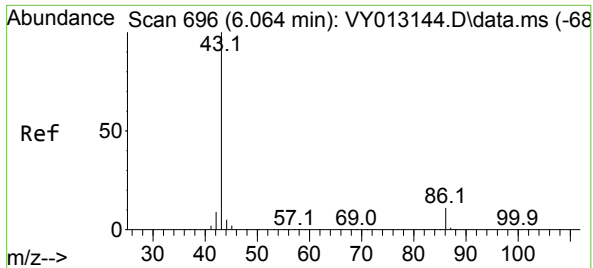
45 100

43 59.7 45.0 67.6

87 29.0 20.3 30.5

59 12.5 8.8 13.2

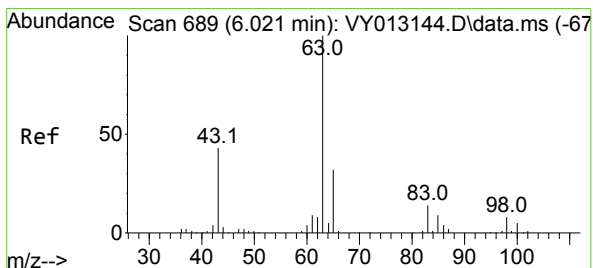
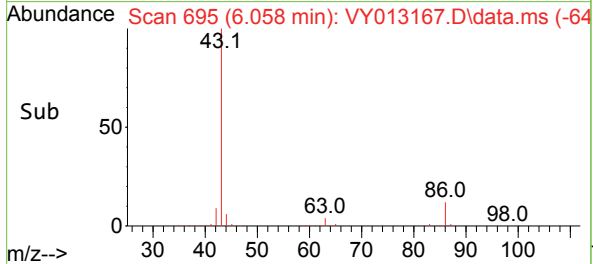
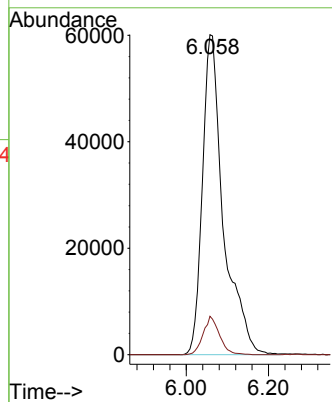
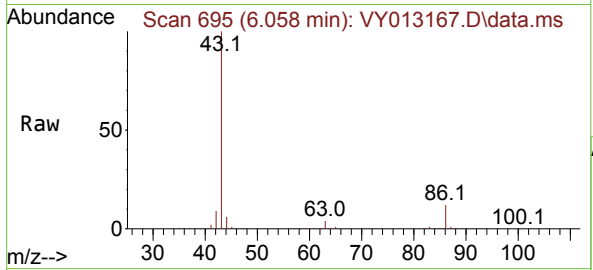




#23
 Vinyl Acetate
 Concen: 87.525 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013167.D
 Acq: 03 Apr 2023 11:46

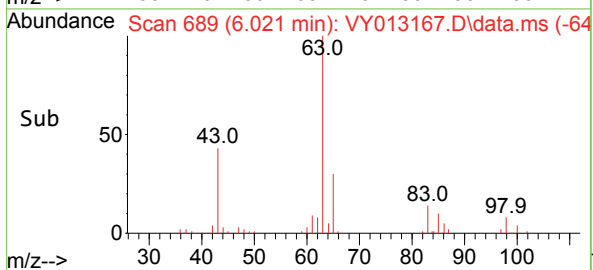
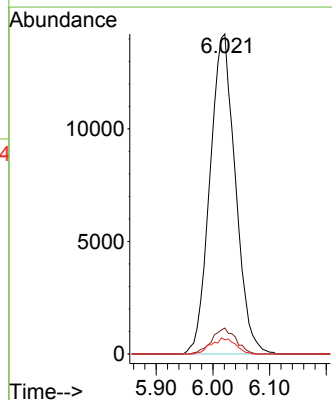
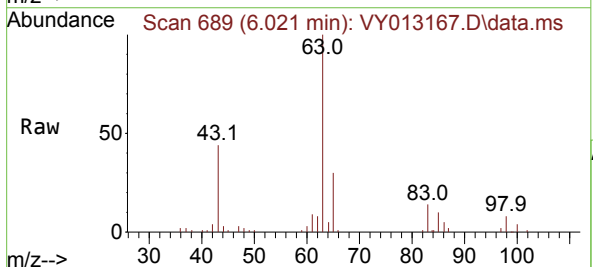
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

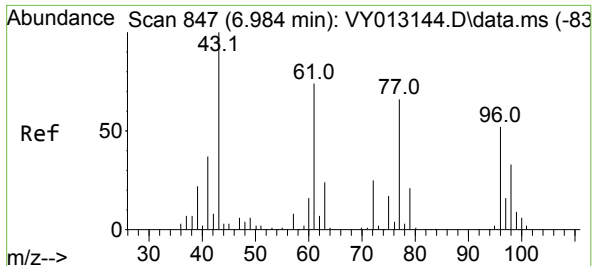
Tgt Ion: 43 Resp: 212895
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 17.450 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY013167.D
 Acq: 03 Apr 2023 11:46

Tgt Ion: 63 Resp: 44206
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 85.466 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

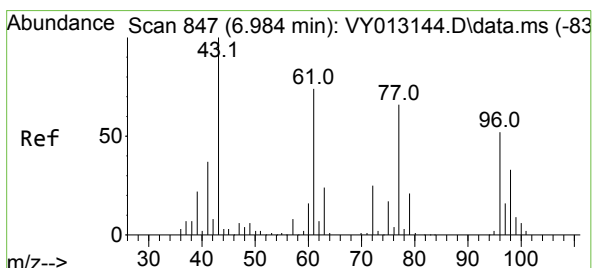
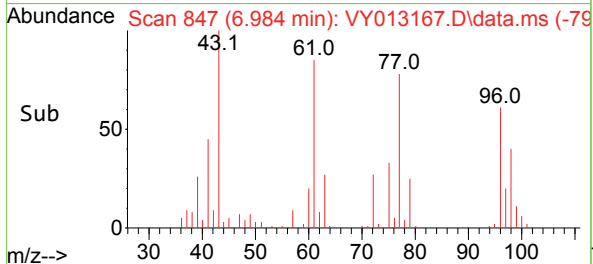
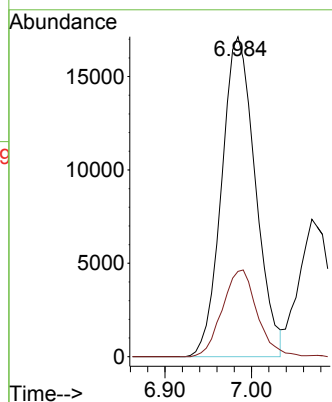
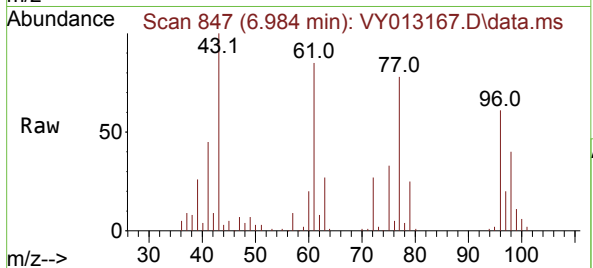
VY0403SBS01

Tgt Ion: 43 Resp: 46415

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.392 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013167.D

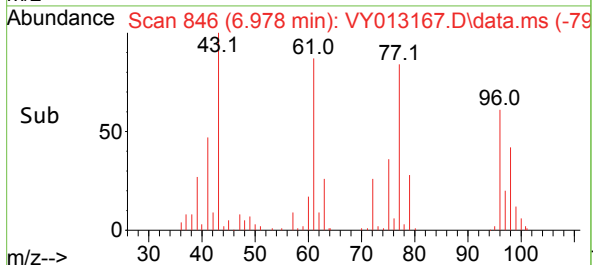
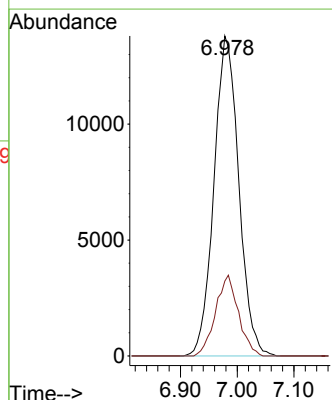
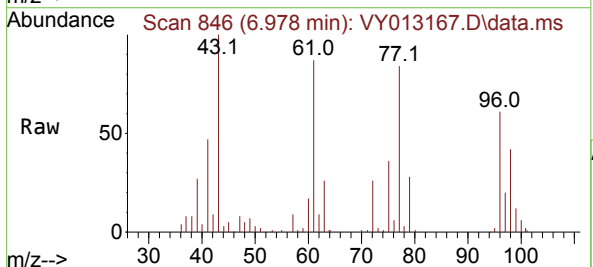
Acq: 03 Apr 2023 11:46

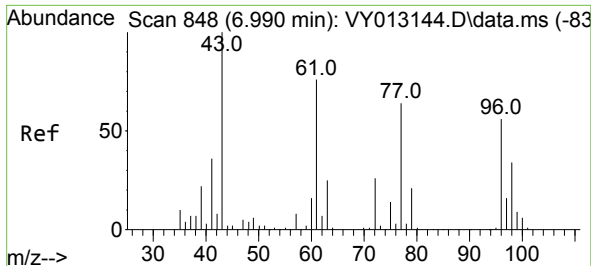
Tgt Ion: 77 Resp: 41906

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 18.713 ug/l

RT: 6.984 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

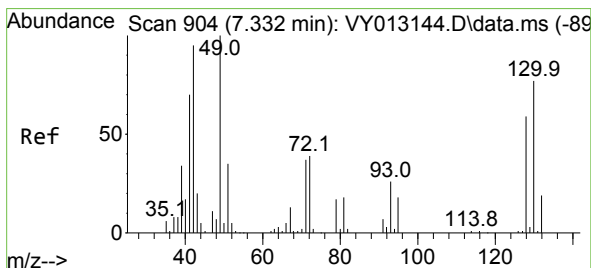
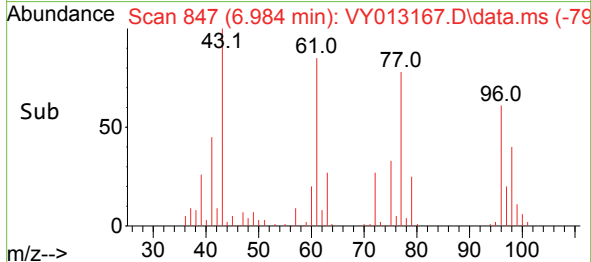
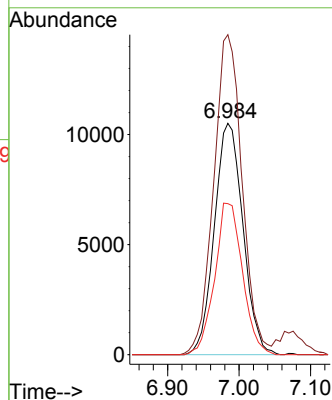
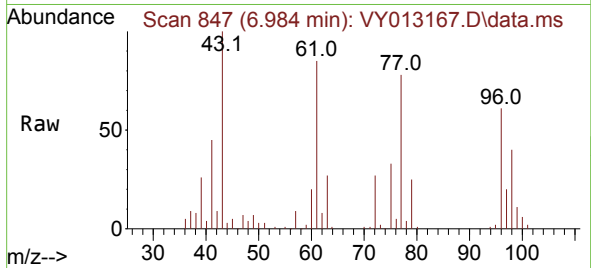
Tgt Ion: 96 Resp: 29186

Ion Ratio Lower Upper

96 100

61 137.8 0.0 295.8

98 63.7 0.0 130.2



#28

Bromochloromethane

Concen: 16.086 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

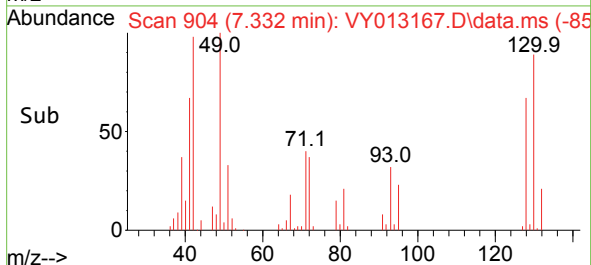
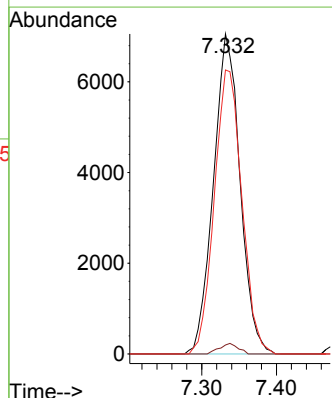
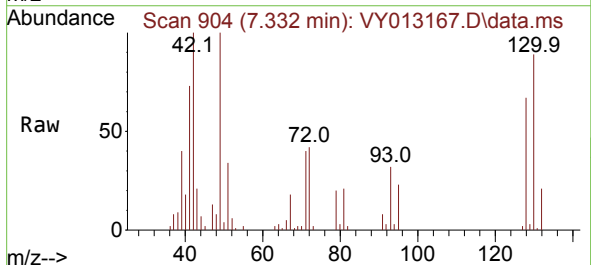
Tgt Ion: 49 Resp: 17485

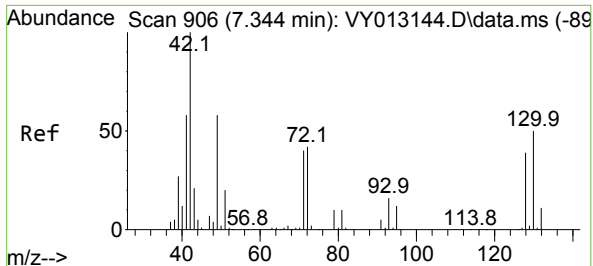
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.2

130 91.9 60.5 90.7#





#29

Tetrahydrofuran

Concen: 86.769 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

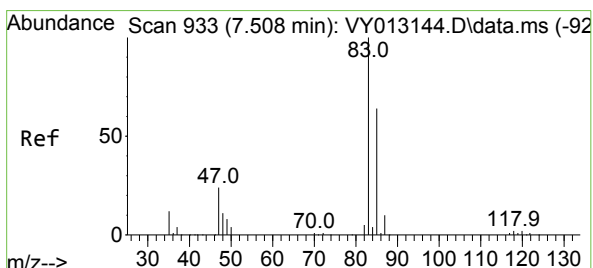
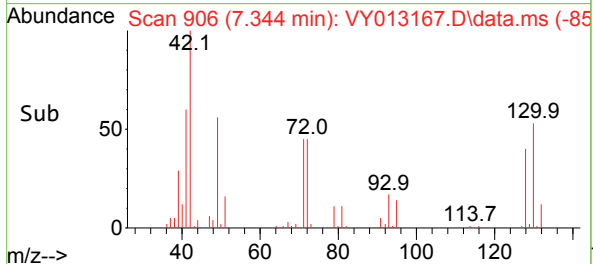
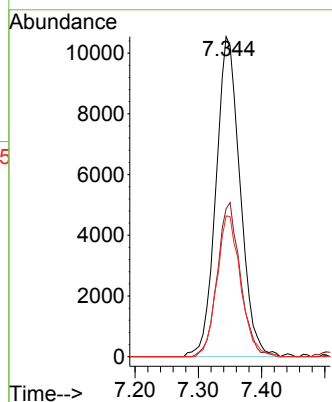
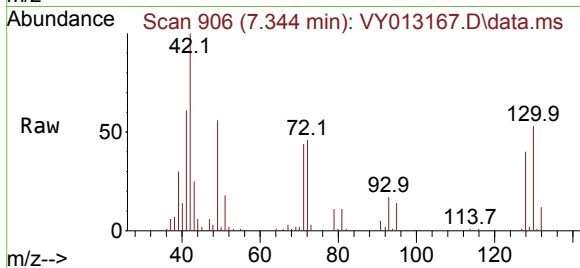
Tgt Ion: 42 Resp: 27895

Ion Ratio Lower Upper

42 100

72 46.0 32.3 48.5

71 43.4 30.3 45.5



#30

Chloroform

Concen: 18.390 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.001 min

Lab File: VY013167.D

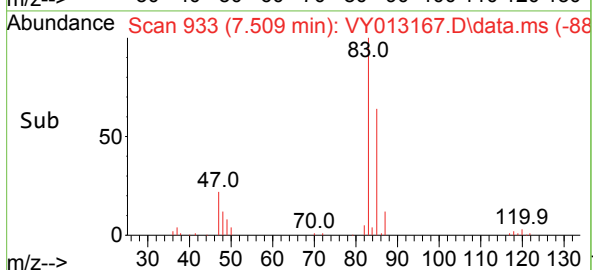
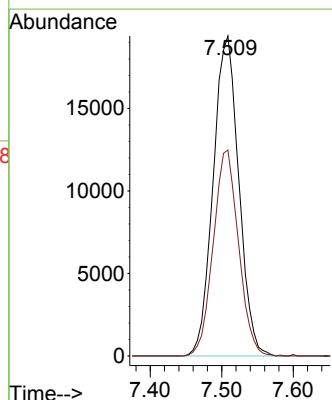
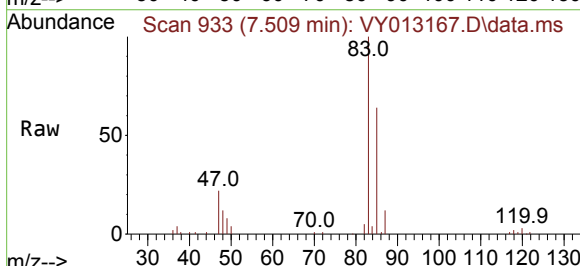
Acq: 03 Apr 2023 11:46

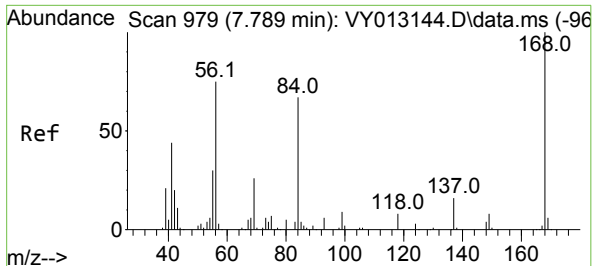
Tgt Ion: 83 Resp: 48243

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

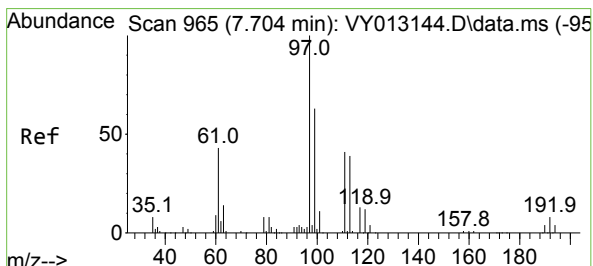
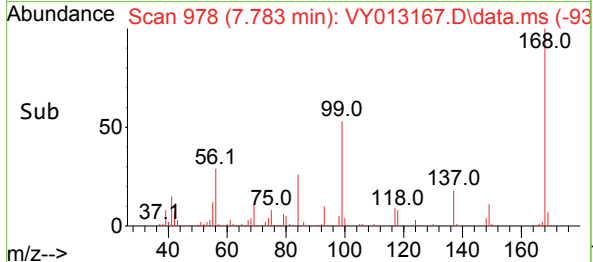
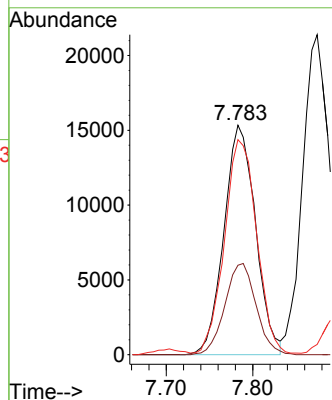
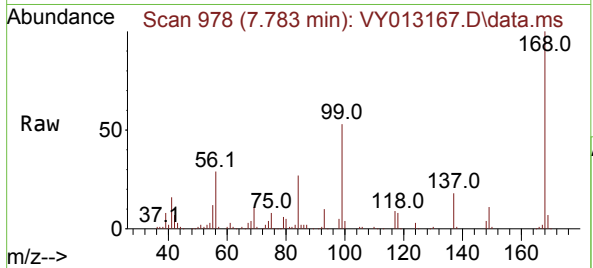




#31
Cyclohexane
Concen: 16.775 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

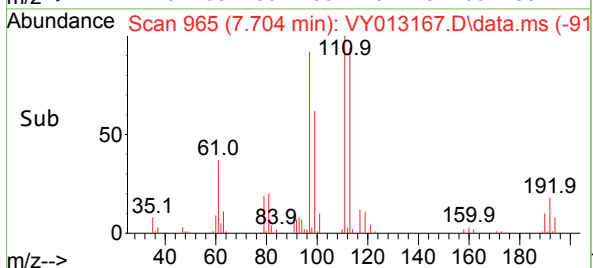
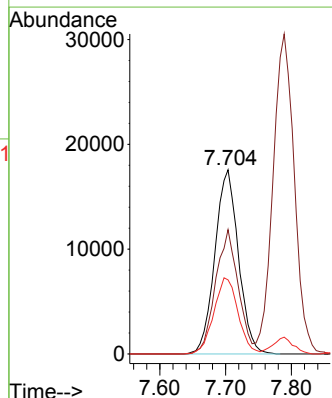
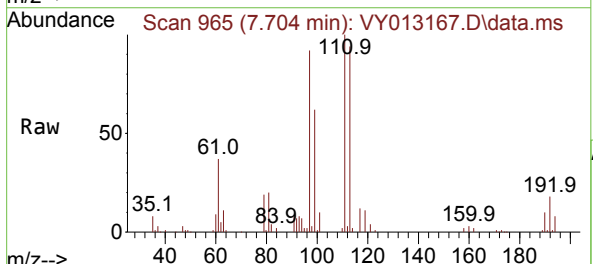
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

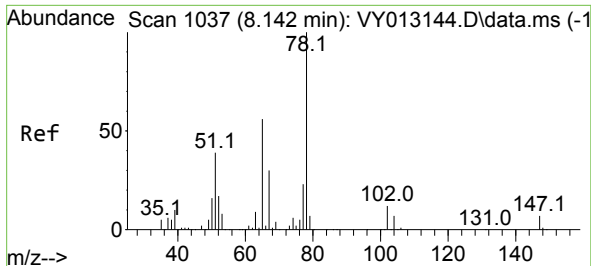
Tgt Ion: 56 Resp: 38898
Ion Ratio Lower Upper
56 100
69 39.0 25.7 38.5#
84 92.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 18.878 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 97 Resp: 43785
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.6
61 42.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 47.546 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

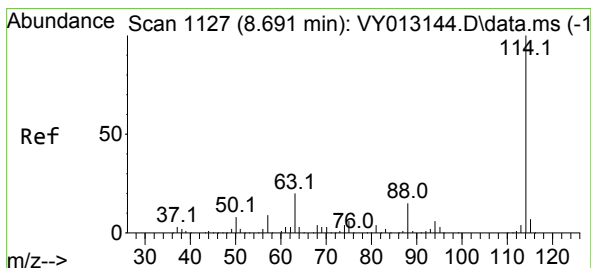
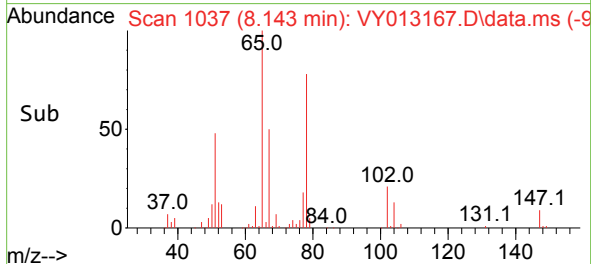
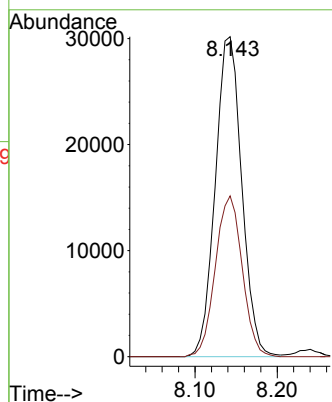
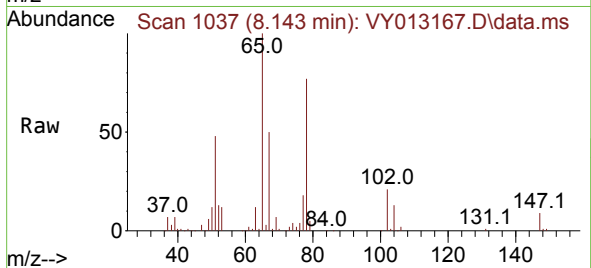
VY0403SBS01

Tgt Ion: 65 Resp: 67532

Ion Ratio Lower Upper

65 100

67 50.9 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: VY013167.D

Acq: 03 Apr 2023 11:46

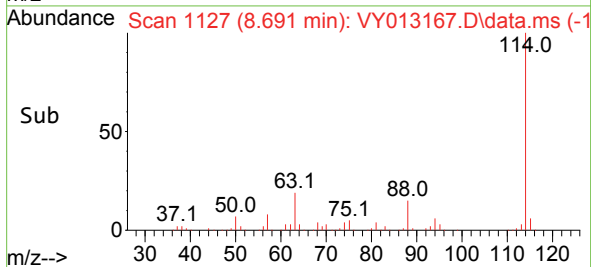
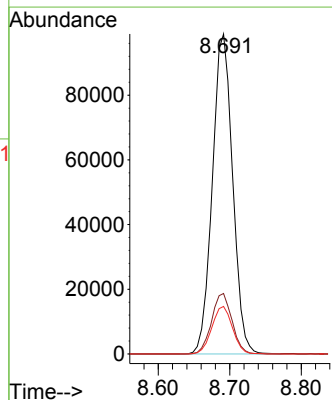
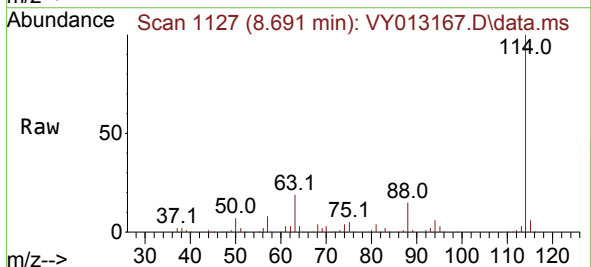
Tgt Ion: 114 Resp: 194897

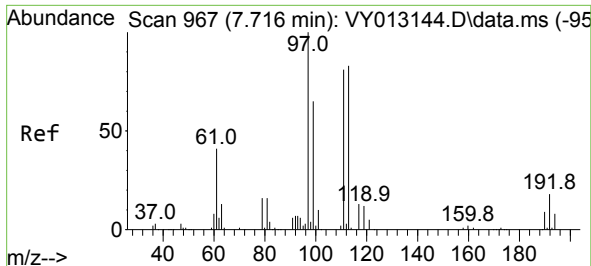
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.8 0.0 28.6

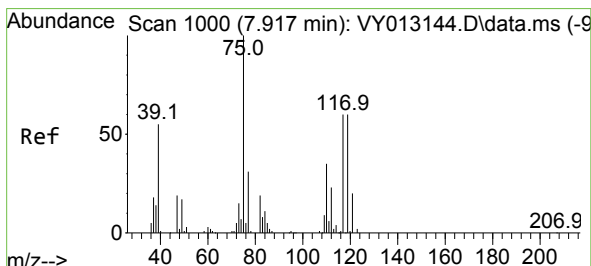
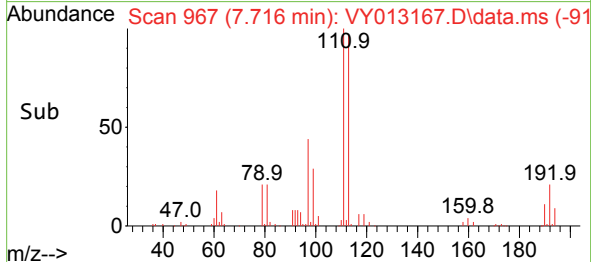
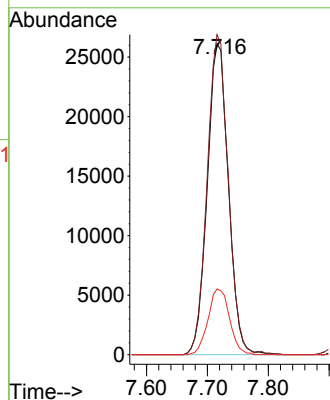
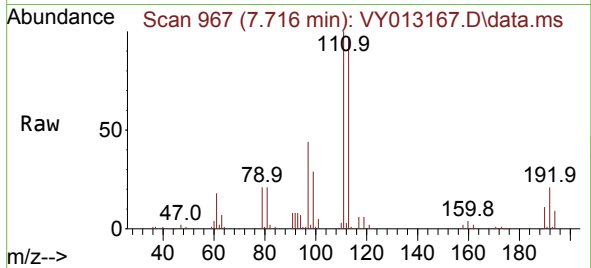




#35
Dibromofluoromethane
Concen: 49.545 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

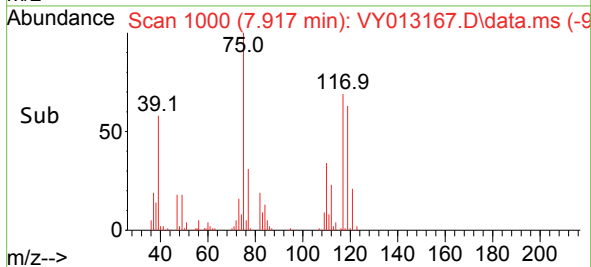
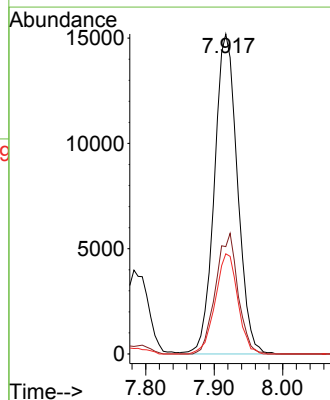
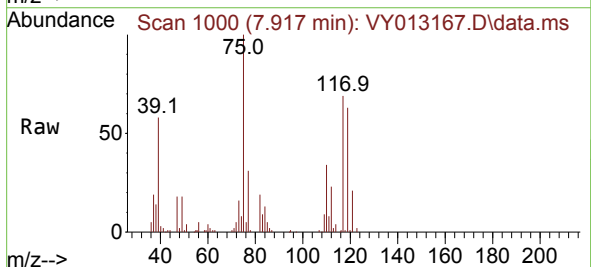
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

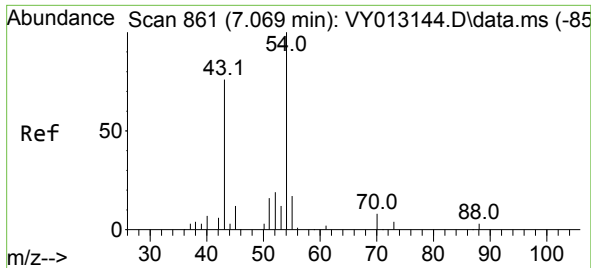
Tgt Ion:113 Resp: 63081
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.468 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 75 Resp: 35398
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.3
77 30.7 25.0 37.4

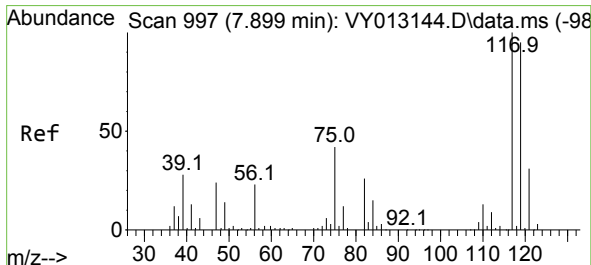
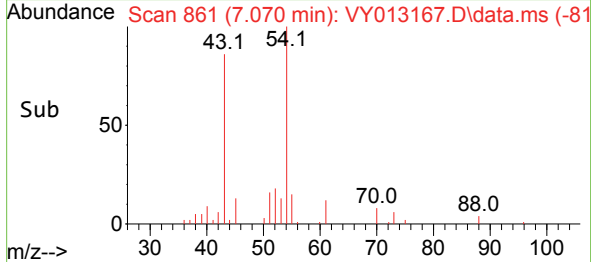
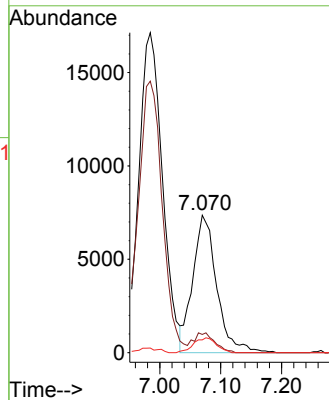
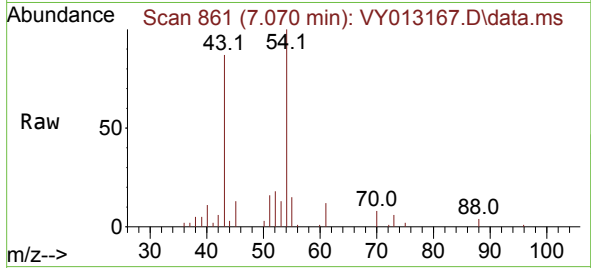




#37
Ethyl Acetate
Concen: 18.457 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.001 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

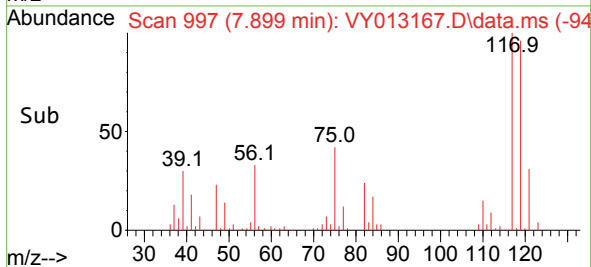
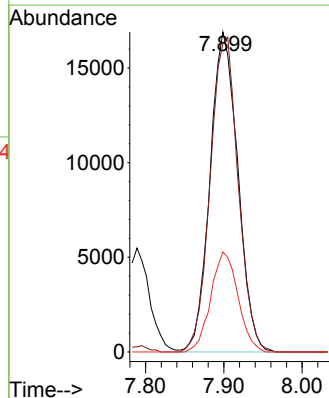
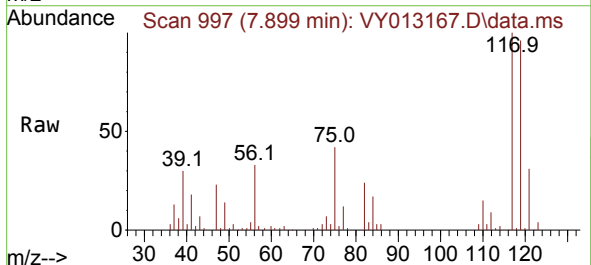
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

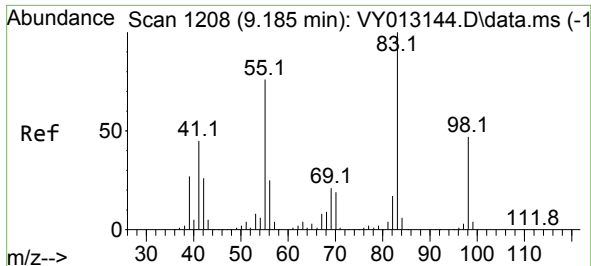
Tgt Ion: 43	Resp: 20096
Ion Ratio	Lower Upper
43 100	
61 12.8	10.7 16.1
70 10.3	7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.749 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt	Ion:117	Resp:	41766
Ion	Ratio	Lower	Upper
117	100		
119	96.4	77.2	115.8
121	31.2	24.7	37.1





#39

Methylcyclohexane

Concen: 18.577 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

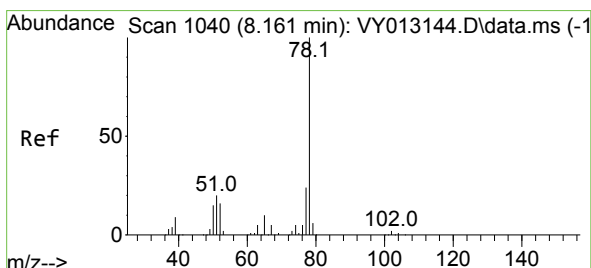
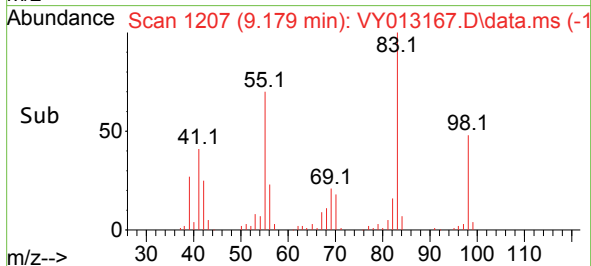
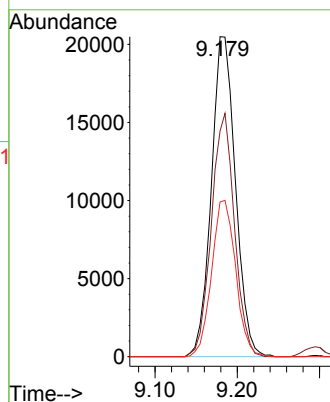
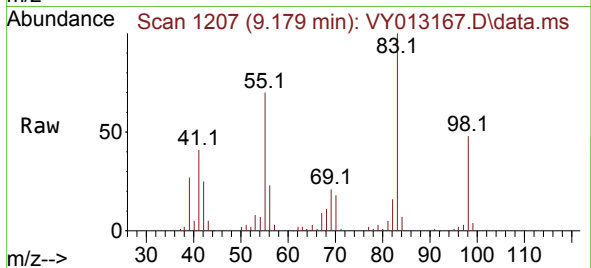
Tgt Ion: 83 Resp: 41774

Ion Ratio Lower Upper

83 100

55 70.5 60.0 90.0

98 48.4 38.3 57.5



#40

Benzene

Concen: 18.503 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013167.D

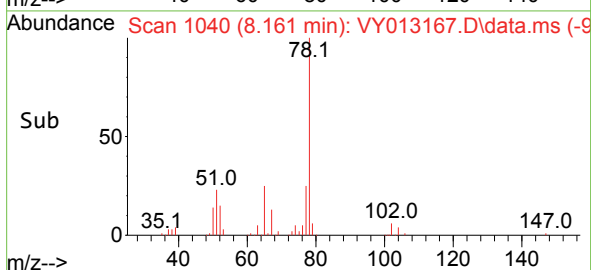
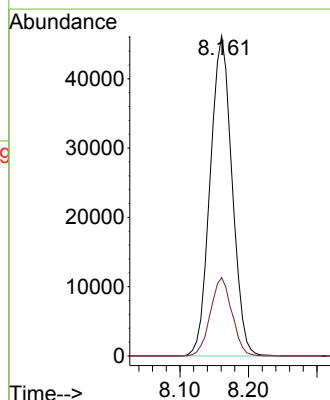
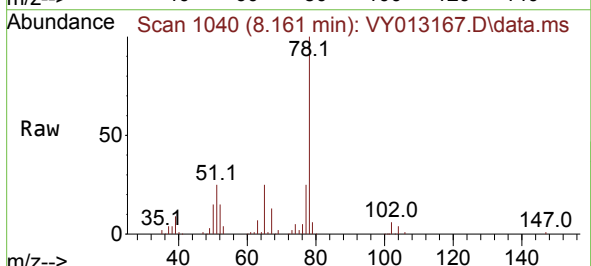
Acq: 03 Apr 2023 11:46

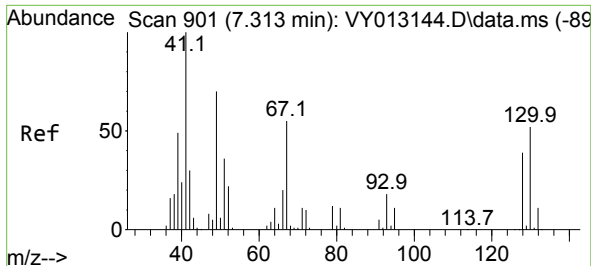
Tgt Ion: 78 Resp: 102435

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

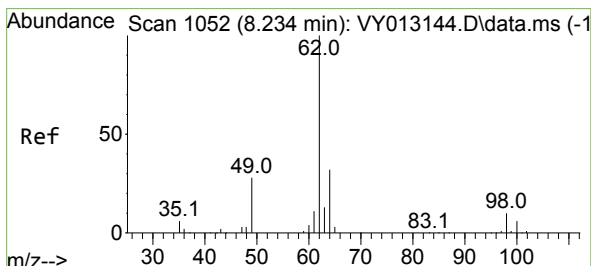
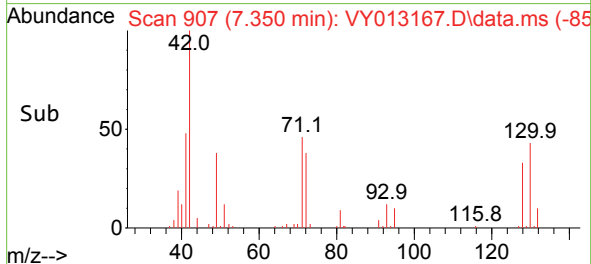
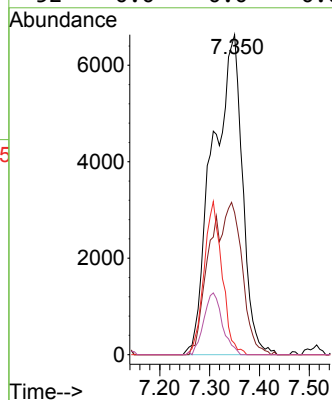
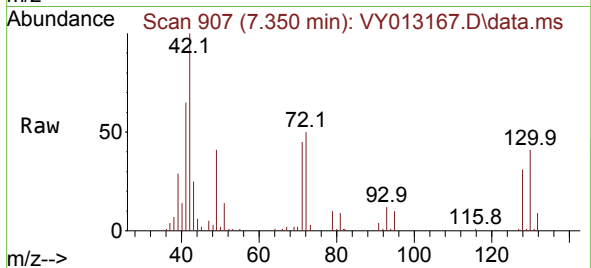




#41
Methacrylonitrile
Concen: 57.025 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

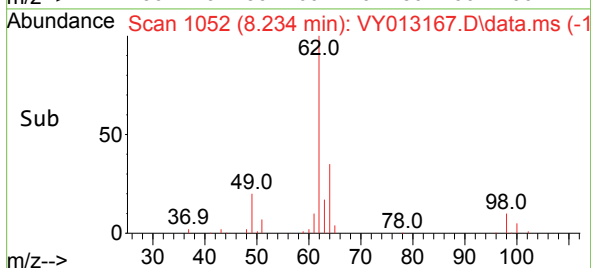
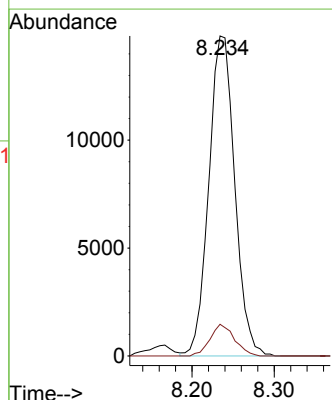
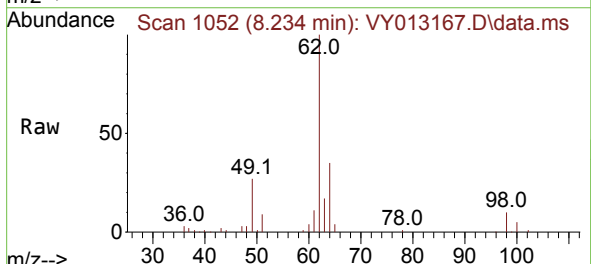
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

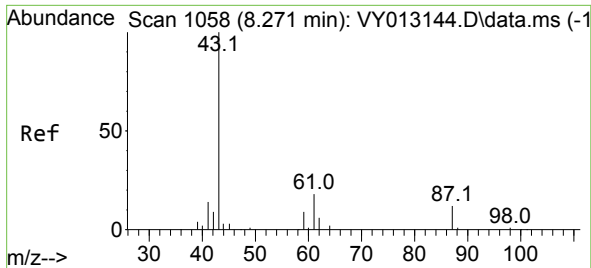
Tgt Ion: 41 Resp: 27545
Ion Ratio Lower Upper
41 100
39 27.9 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.166 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 62 Resp: 32508
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.8

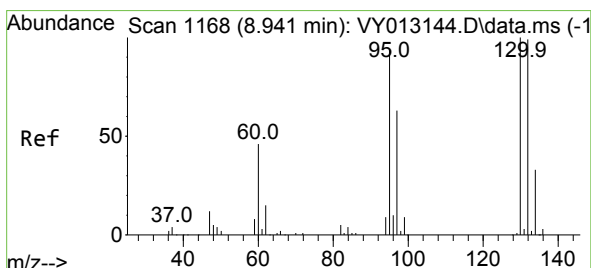
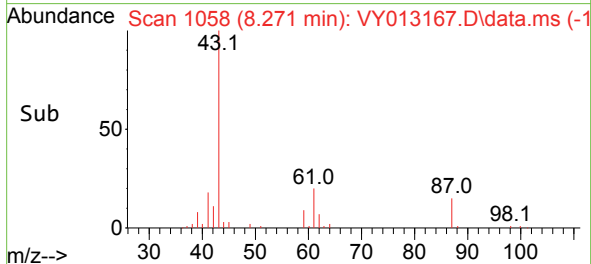
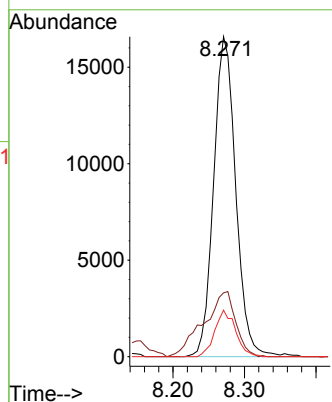
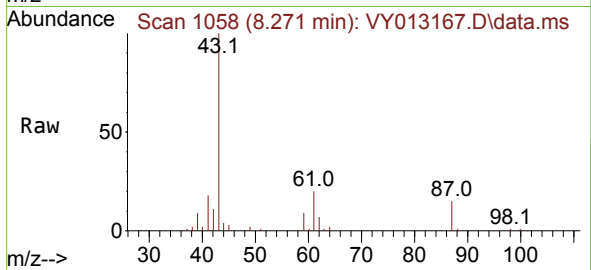




#43
Isopropyl Acetate
Concen: 18.225 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

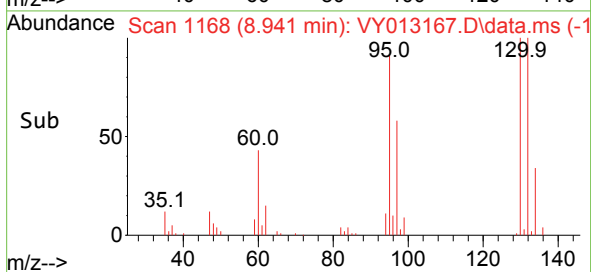
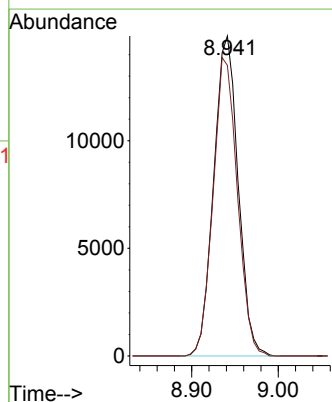
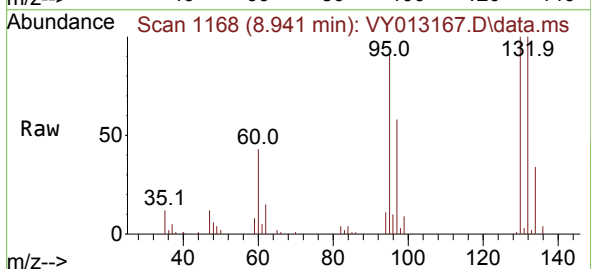
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

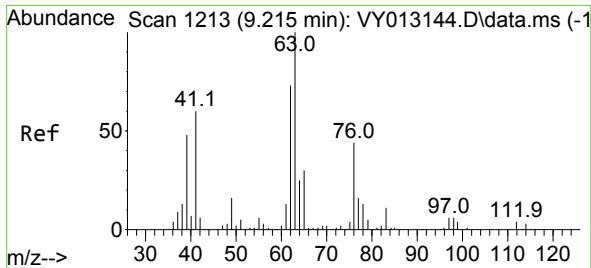
Tgt Ion:	43	Resp:	35520
Ion	Ratio	Lower	Upper
43	100		
61	29.6	21.6	32.4
87	13.7	9.9	14.9



#44
Trichloroethene
Concen: 19.095 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:	130	Resp:	29100
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	185.0





#45

1,2-Dichloropropane

Concen: 17.568 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

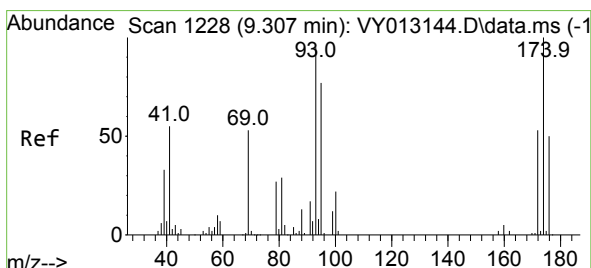
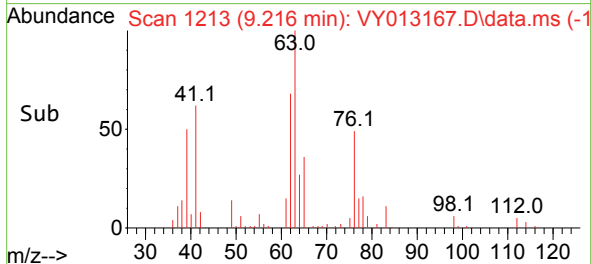
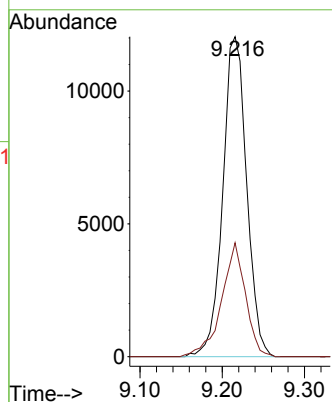
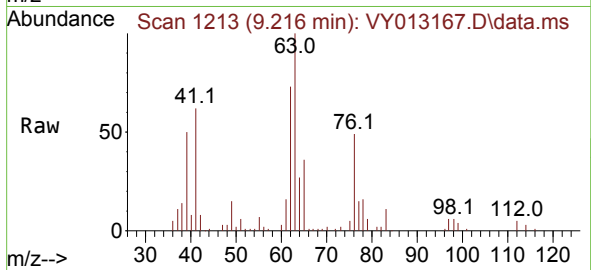
VY0403SBS01

Tgt Ion: 63 Resp: 24354

Ion Ratio Lower Upper

63 100

65 35.6 25.7 38.5



#46

Dibromomethane

Concen: 19.584 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

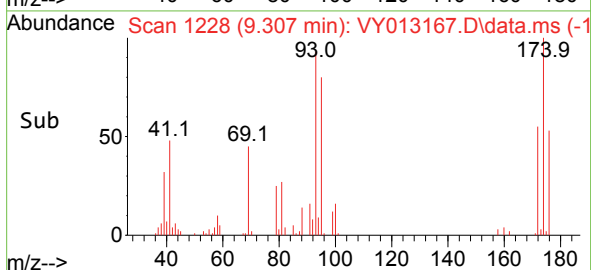
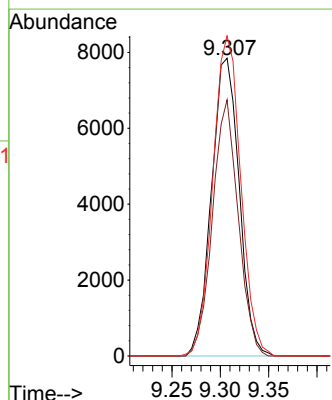
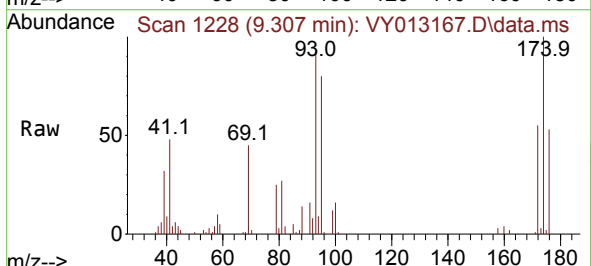
Tgt Ion: 93 Resp: 15596

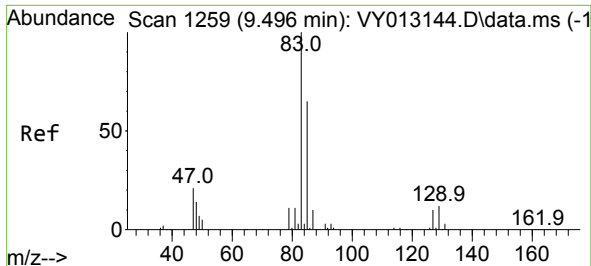
Ion Ratio Lower Upper

93 100

95 80.0 65.6 98.4

174 108.3 81.3 121.9

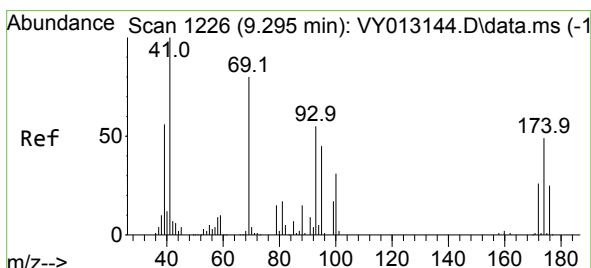
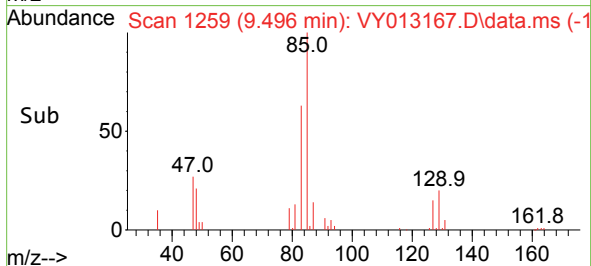
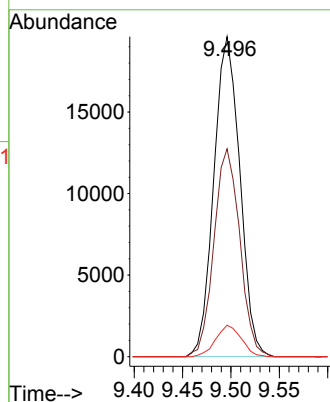
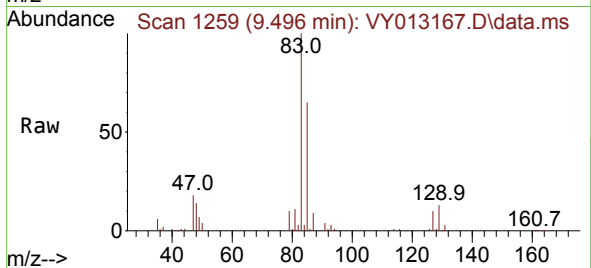




#47
Bromodichloromethane
Concen: 19.087 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

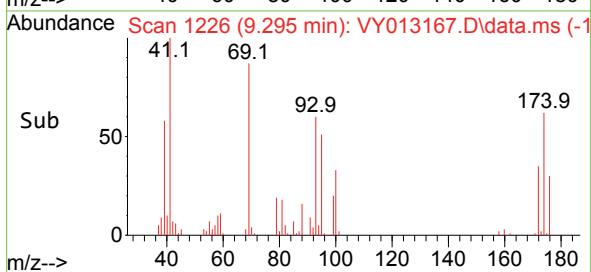
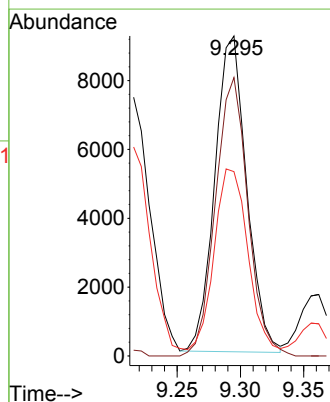
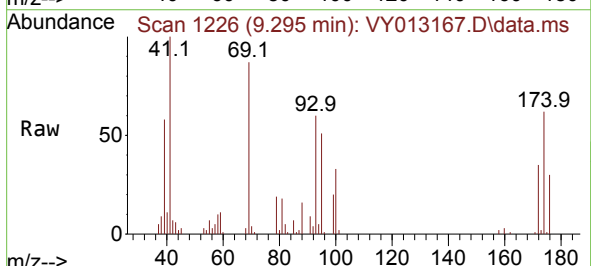
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

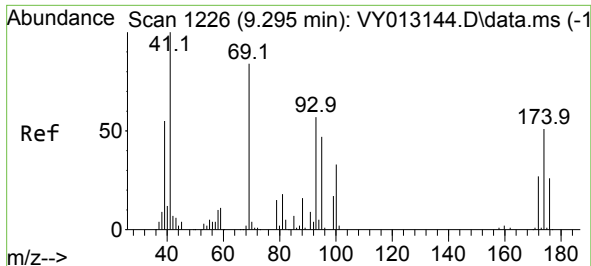
Tgt Ion: 83 Resp: 36675
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 9.8 6.3 9.5#



#48
Methyl methacrylate
Concen: 17.715 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 41 Resp: 16080
Ion Ratio Lower Upper
41 100
69 89.7 64.1 96.1
39 60.2 44.0 66.0





#49

1,4-Dioxane

Concen: 395.408 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

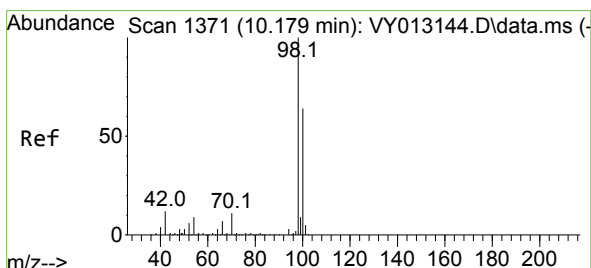
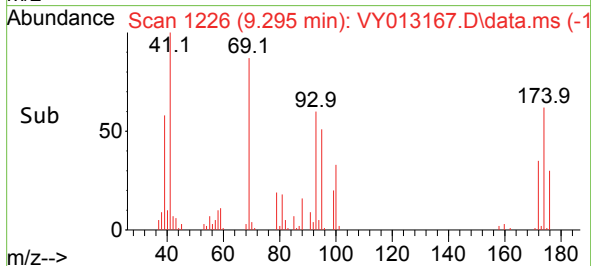
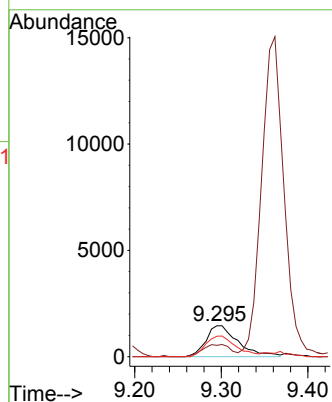
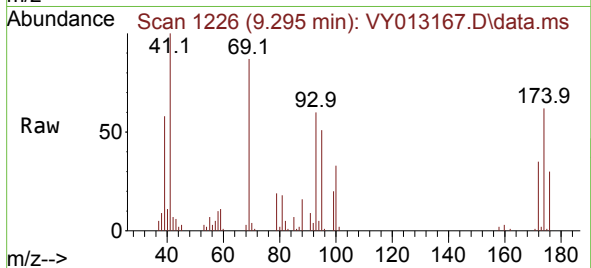
Tgt Ion: 88 Resp: 3746

Ion Ratio Lower Upper

88 100

43 34.6 28.6 42.8

58 63.2 55.2 82.8



#50

Toluene-d8

Concen: 49.514 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013167.D

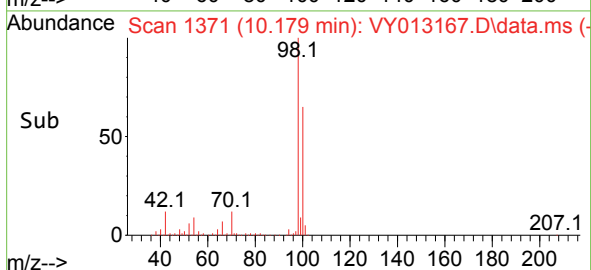
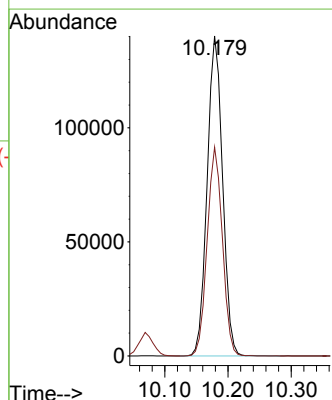
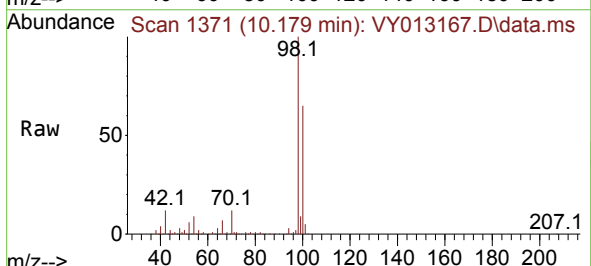
Acq: 03 Apr 2023 11:46

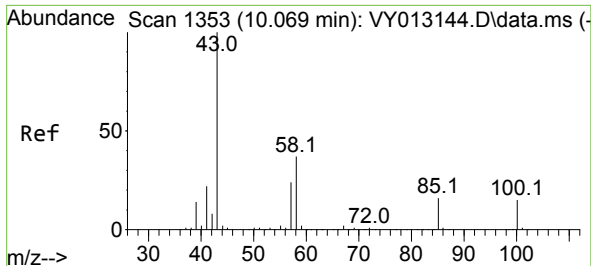
Tgt Ion: 98 Resp: 237988

Ion Ratio Lower Upper

98 100

100 64.4 50.9 76.3

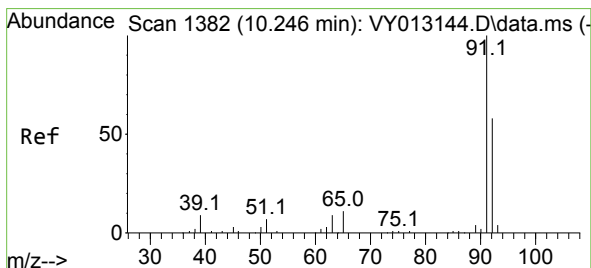
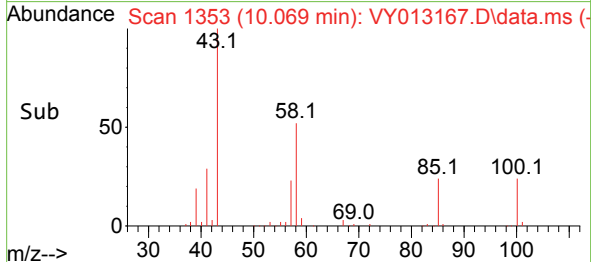
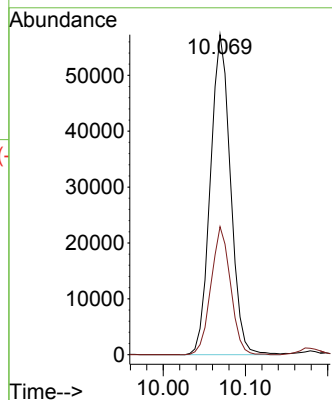
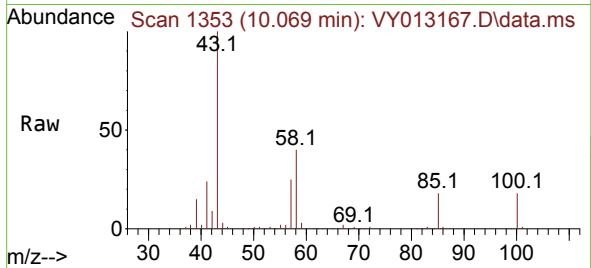




#51
4-Methyl-2-Pentanone
Concen: 92.535 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

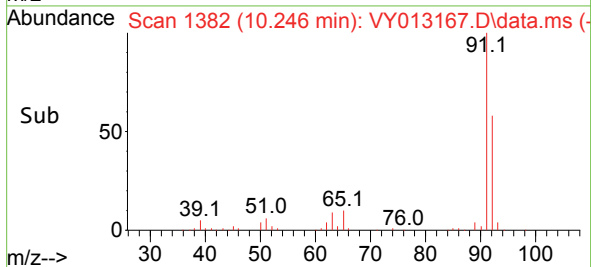
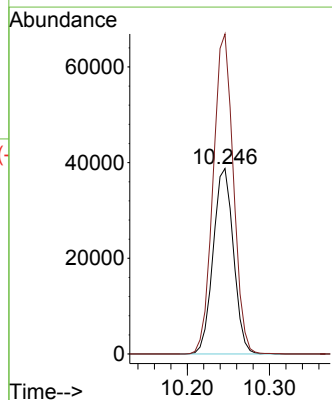
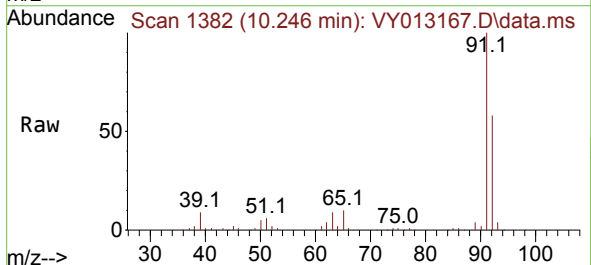
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

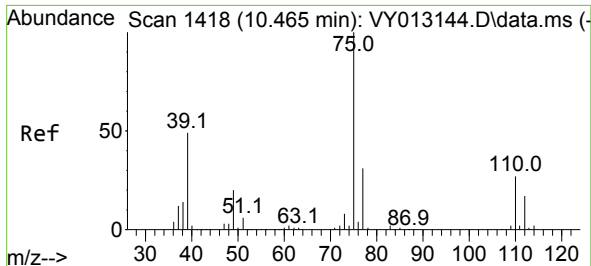
Tgt Ion: 43 Resp: 97331
Ion Ratio Lower Upper
43 100
58 38.8 29.8 44.6



#52
Toluene
Concen: 19.354 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 92 Resp: 66461
Ion Ratio Lower Upper
92 100
91 172.1 141.3 211.9





#53

t-1,3-Dichloropropene

Concen: 18.768 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

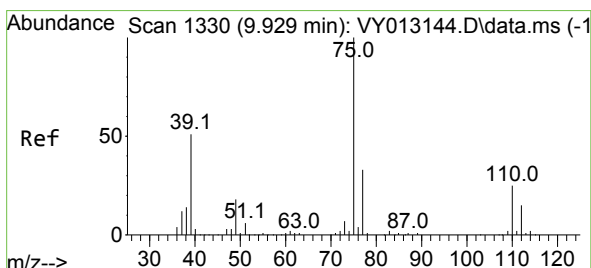
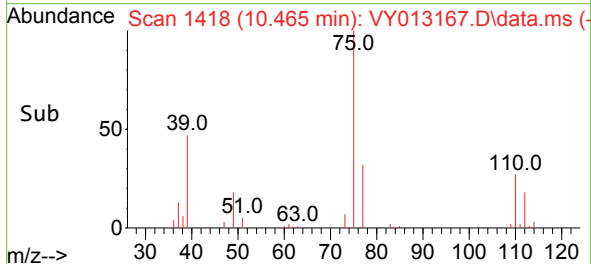
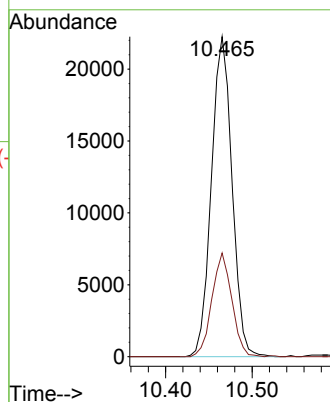
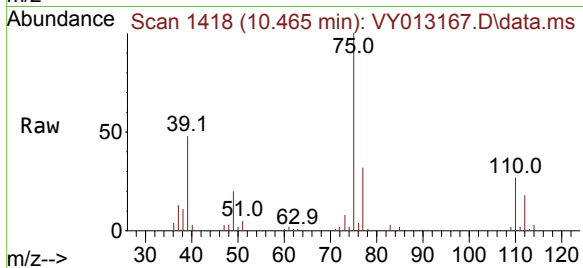
VY0403SBS01

Tgt Ion: 75 Resp: 36861

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.837 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

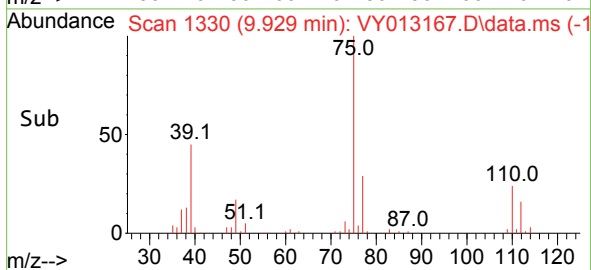
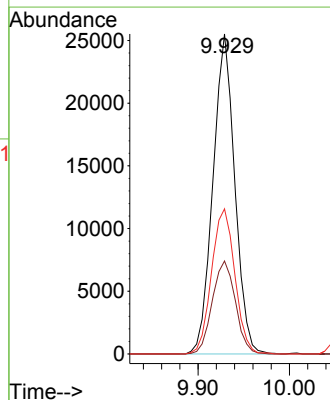
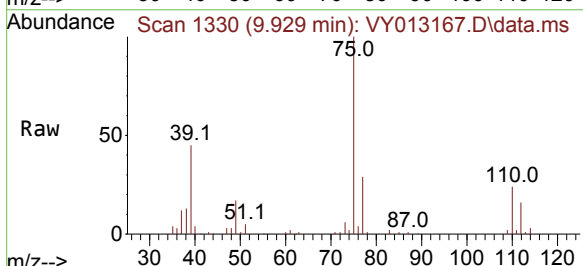
Tgt Ion: 75 Resp: 42253

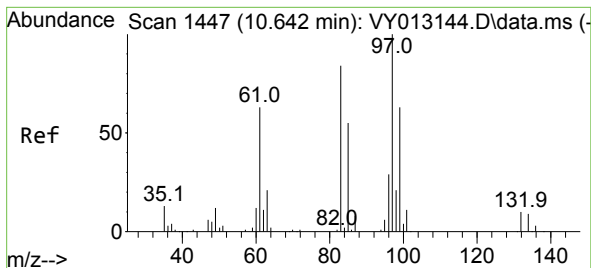
Ion Ratio Lower Upper

75 100

77 29.0 25.4 38.0

39 45.4 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 19.733 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

Tgt Ion: 97 Resp: 21722

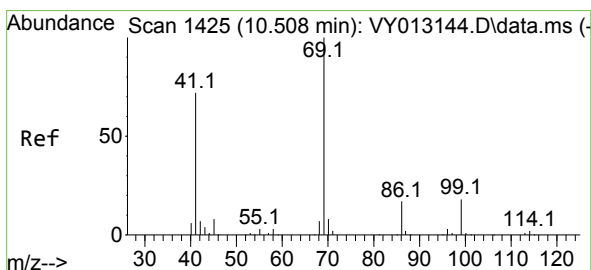
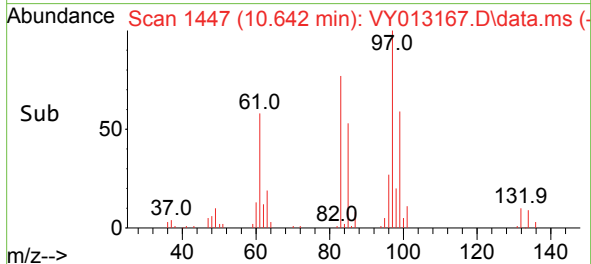
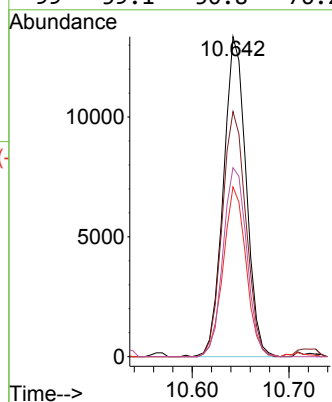
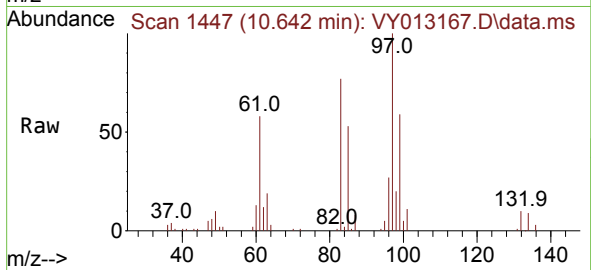
Ion Ratio Lower Upper

97 100

83 76.6 69.0 103.6

85 53.0 44.9 67.3

99 59.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 19.805 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

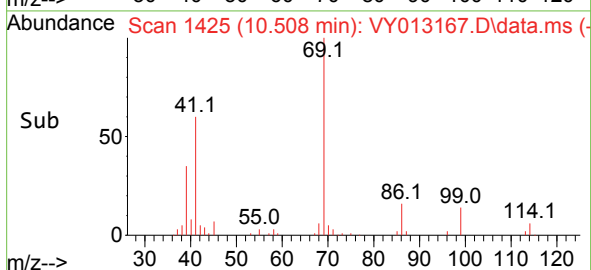
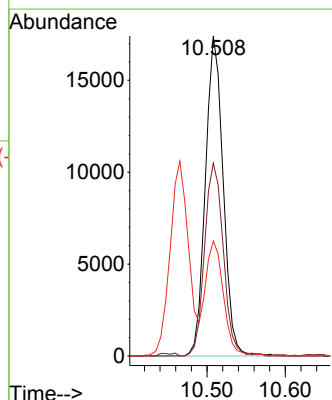
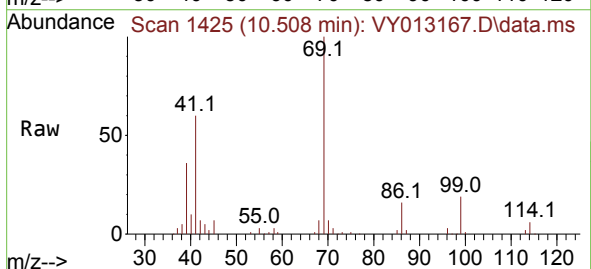
Tgt Ion: 69 Resp: 27411

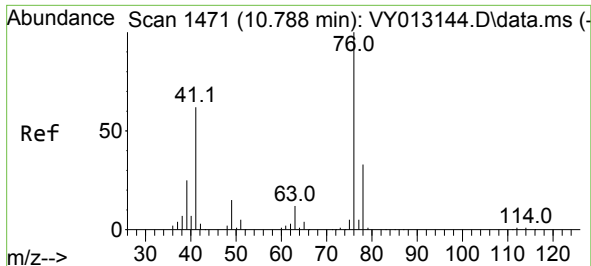
Ion Ratio Lower Upper

69 100

41 63.5 56.4 84.6

39 36.2 30.8 46.2

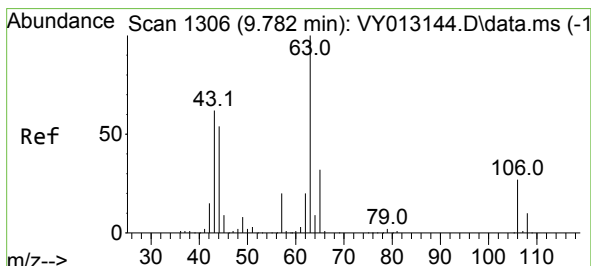
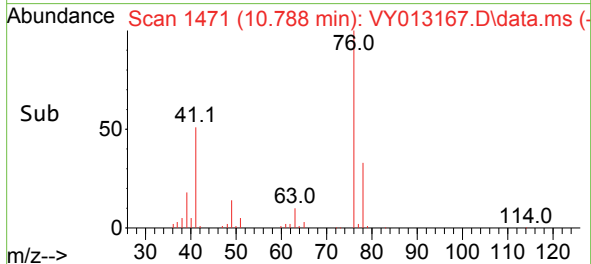
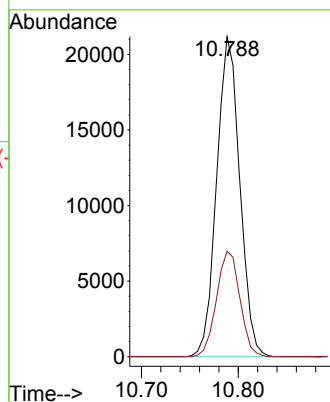
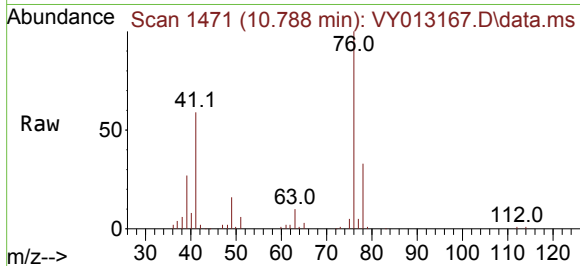




#57
1,3-Dichloropropane
Concen: 18.893 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

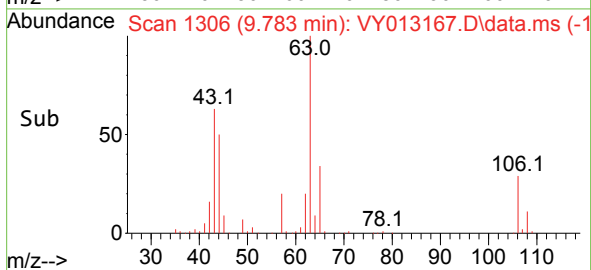
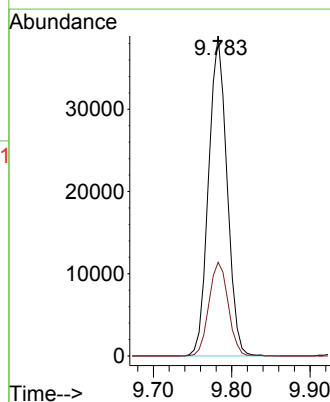
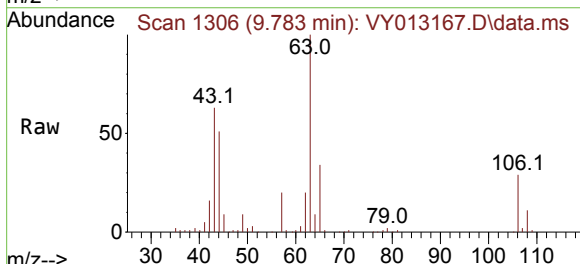
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

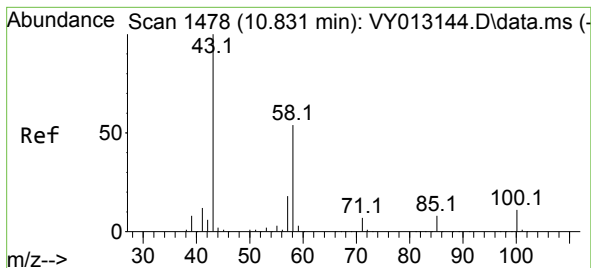
Tgt Ion: 76 Resp: 35109
Ion Ratio Lower Upper
76 100
78 33.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 97.944 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 63 Resp: 63384
Ion Ratio Lower Upper
63 100
106 30.6 22.1 33.1

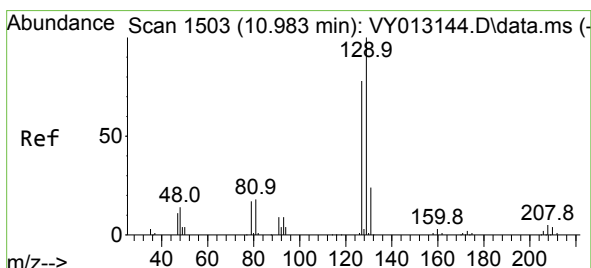
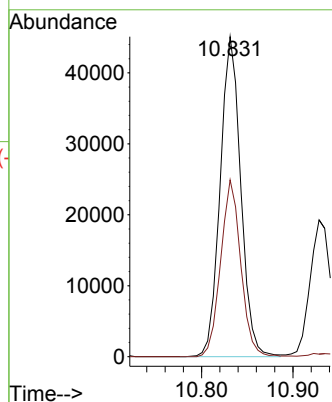
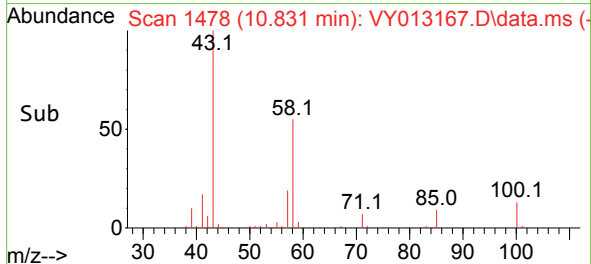
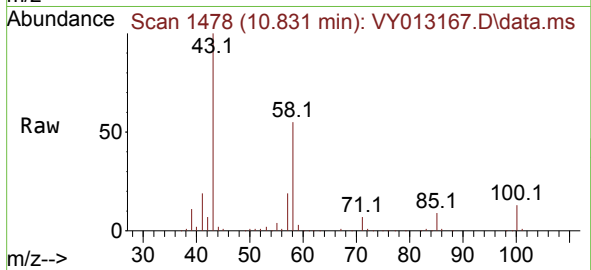




#59
2-Hexanone
Concen: 92.922 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

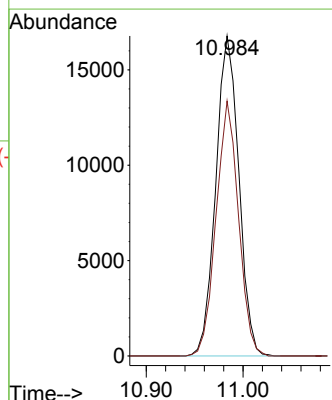
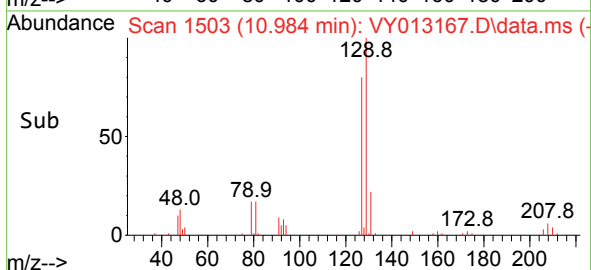
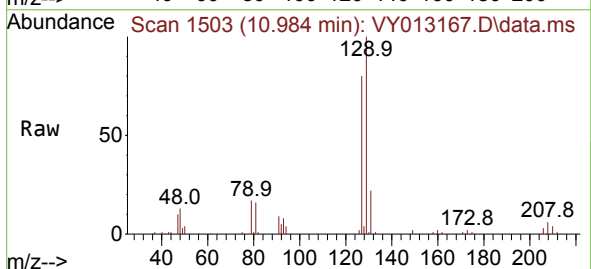
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

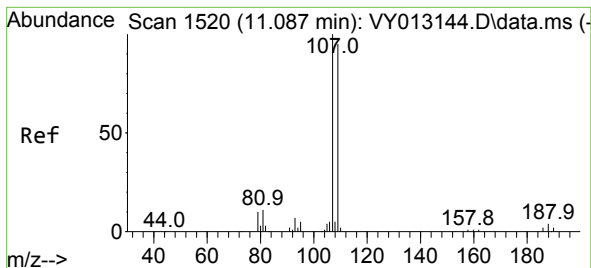
Tgt Ion: 43 Resp: 70687
Ion Ratio Lower Upper
43 100
58 54.0 25.9 77.8



#60
Dibromochloromethane
Concen: 20.050 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 129 Resp: 27721
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1

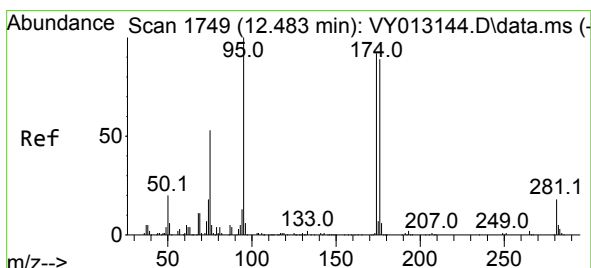
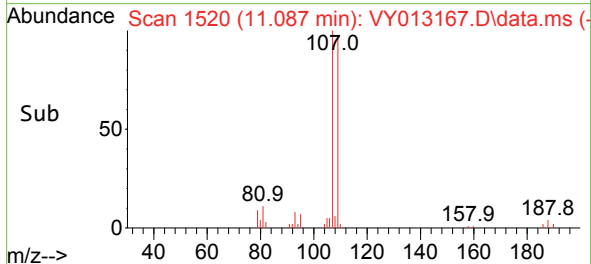
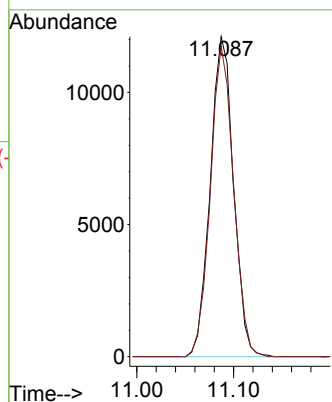
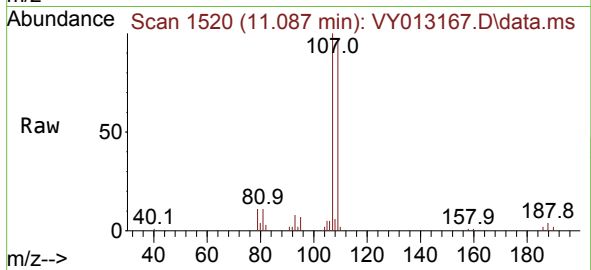




#61
1,2-Dibromoethane
Concen: 18.955 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

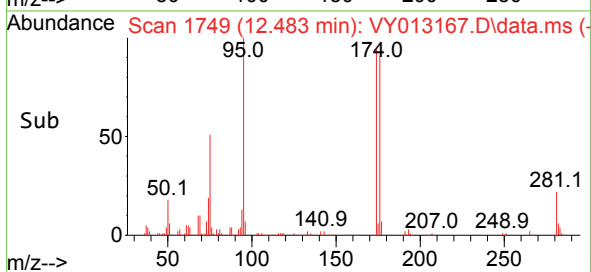
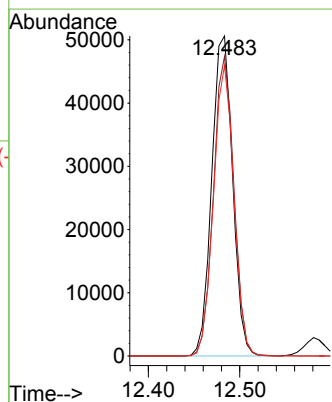
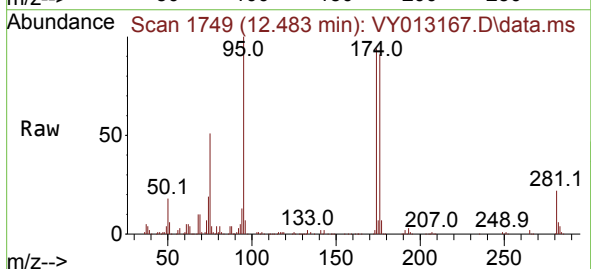
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

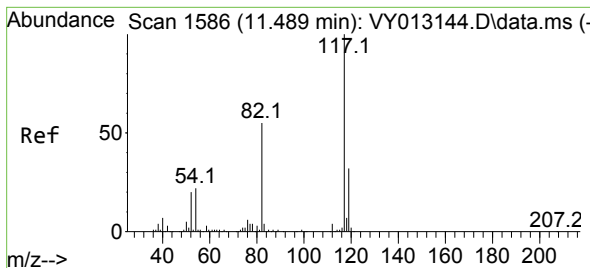
Tgt Ion:107 Resp: 20217
Ion Ratio Lower Upper
107 100
109 96.8 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 95 Resp: 80192
Ion Ratio Lower Upper
95 100
174 91.9 0.0 176.6
176 88.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

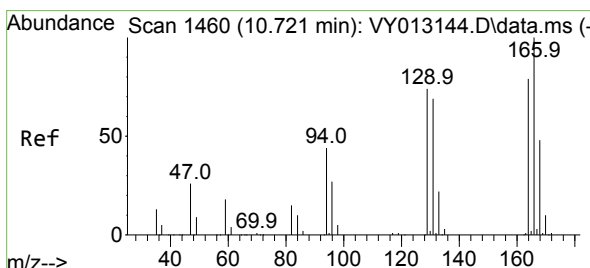
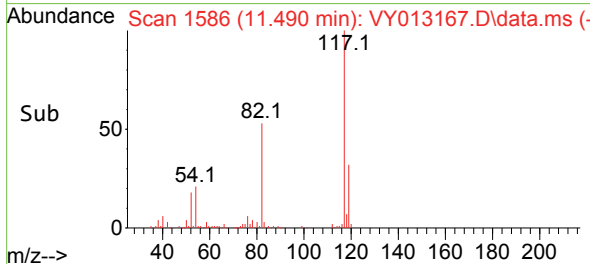
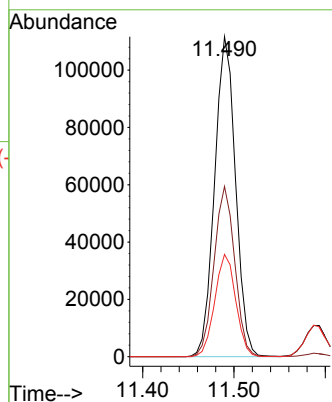
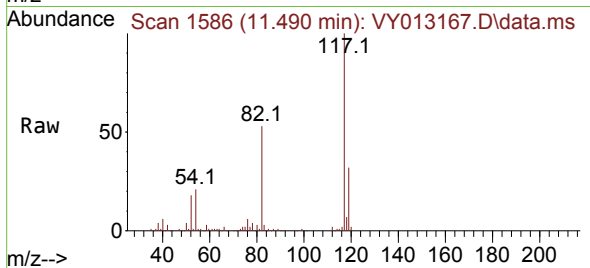
Tgt Ion:117 Resp: 177763

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 19.896 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Tgt Ion:164 Resp: 27190

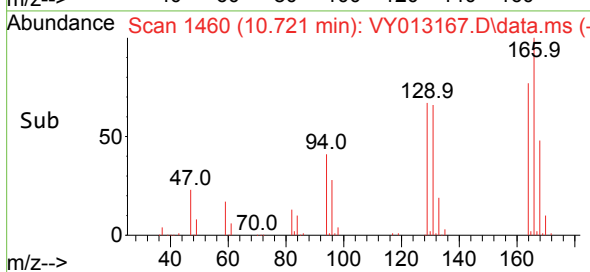
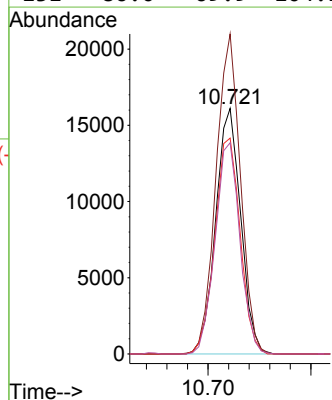
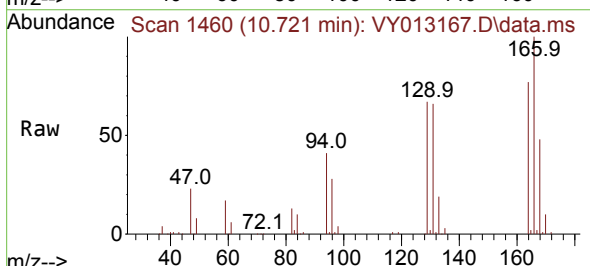
Ion Ratio Lower Upper

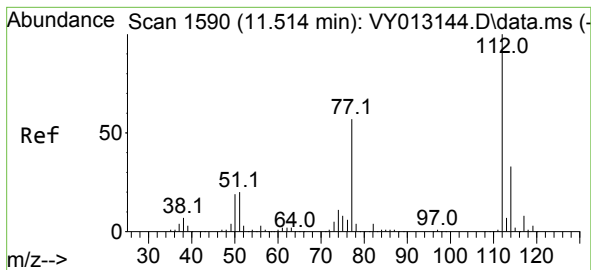
164 100

166 130.3 103.4 155.2

129 87.9 71.4 107.2

131 86.0 69.9 104.9

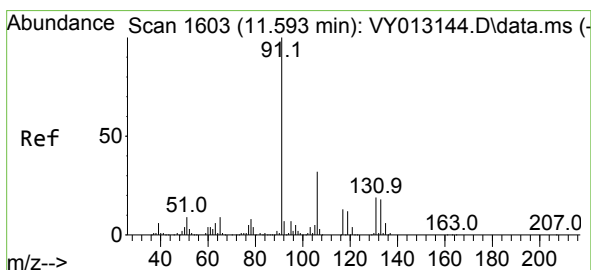
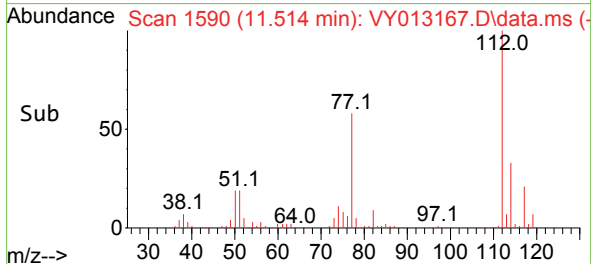
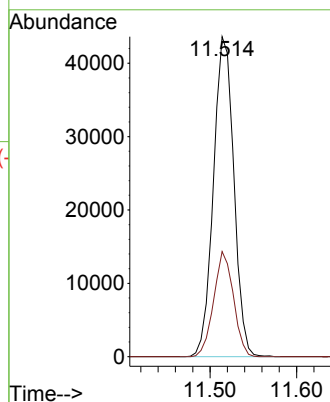
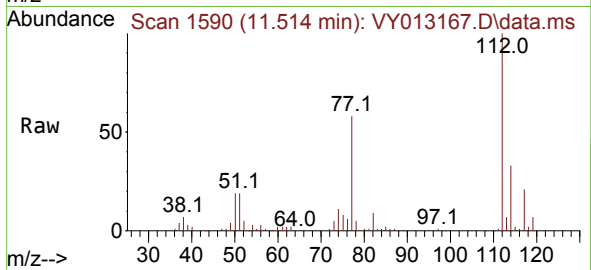




#65
Chlorobenzene
Concen: 18.924 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

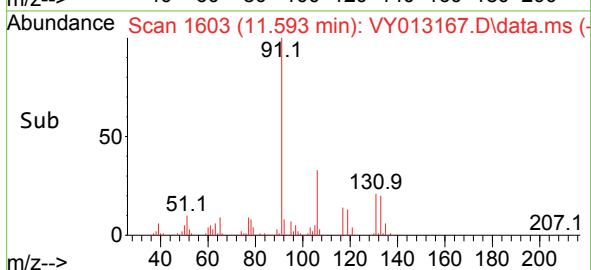
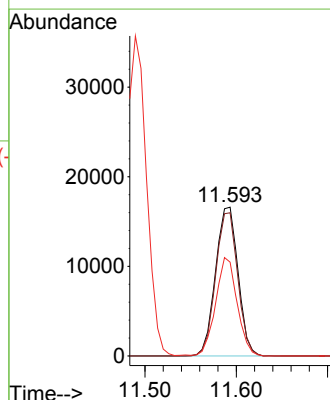
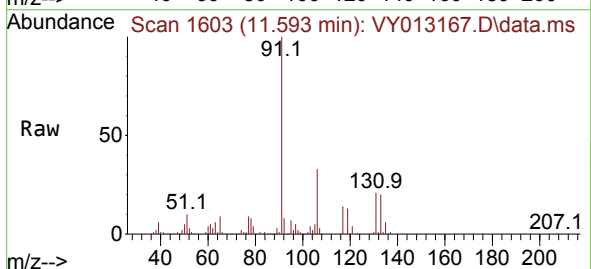
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

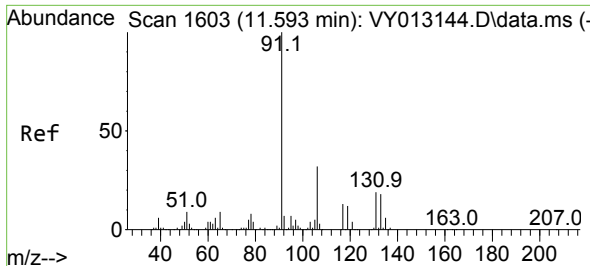
Tgt Ion:112 Resp: 71415
Ion Ratio Lower Upper
112 100
114 32.8 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.113 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:131 Resp: 28456
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.0
119 63.4 32.6 98.0

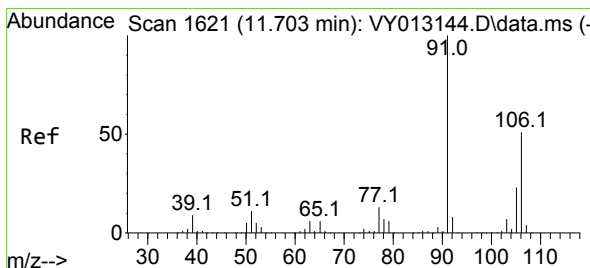
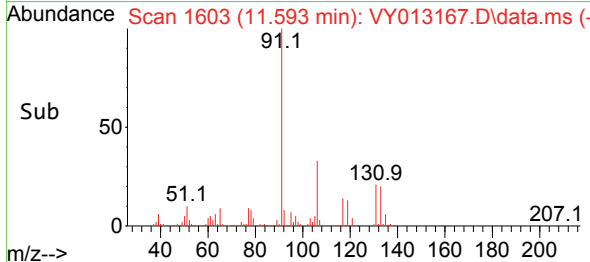
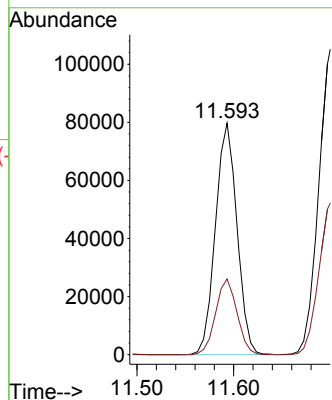
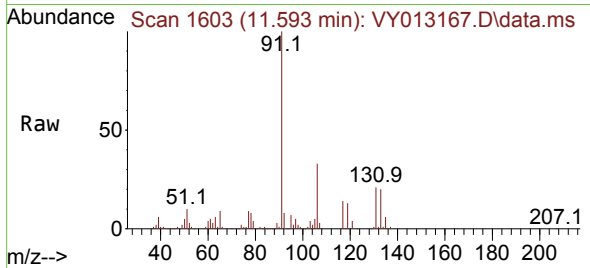




#67
Ethyl Benzene
Concen: 18.887 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

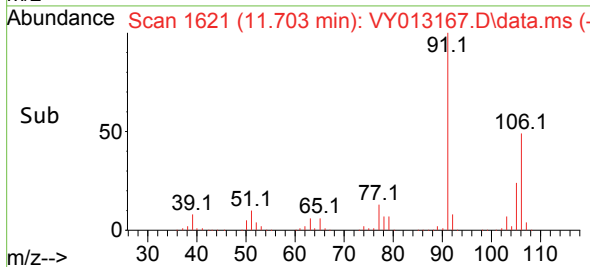
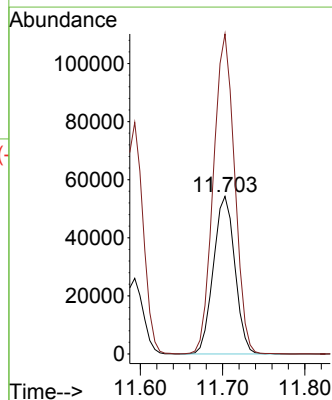
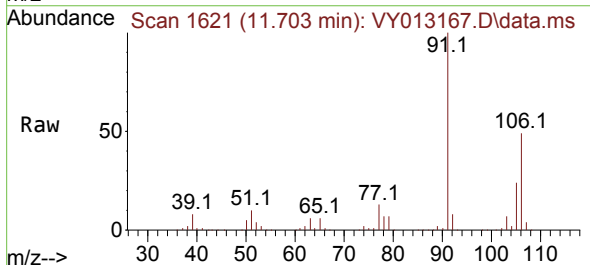
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

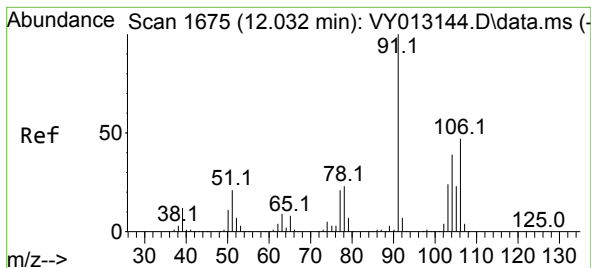
Tgt Ion: 91 Resp: 123099
Ion Ratio Lower Upper
91 100
106 32.7 25.1 37.7



#68
m/p-Xylenes
Concen: 39.067 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:106 Resp: 98500
Ion Ratio Lower Upper
106 100
91 201.4 159.8 239.8





#69

o-Xylene

Concen: 19.682 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

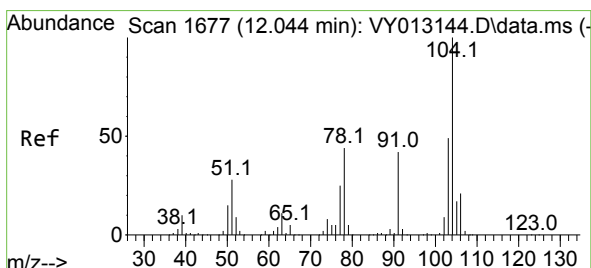
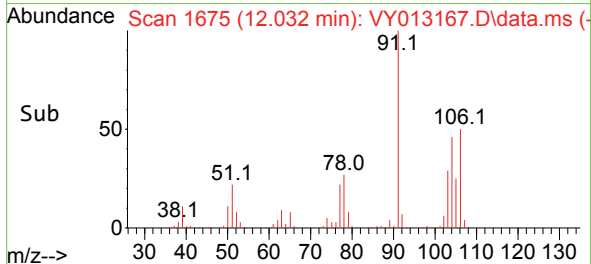
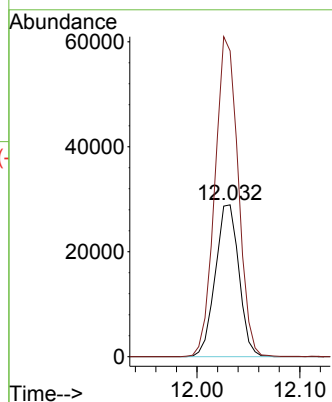
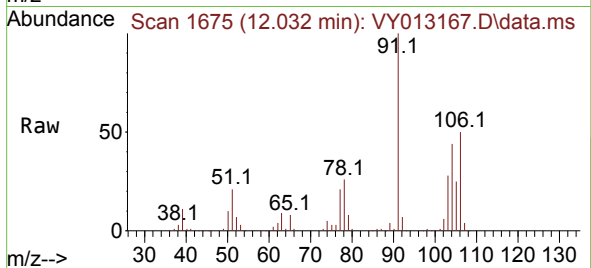
VY0403SBS01

Tgt Ion:106 Resp: 46030

Ion Ratio Lower Upper

106 100

91 208.3 107.2 321.6



#70

Styrene

Concen: 20.325 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

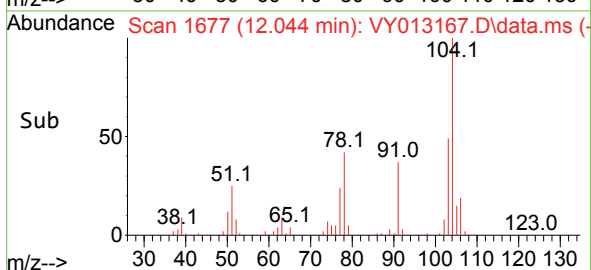
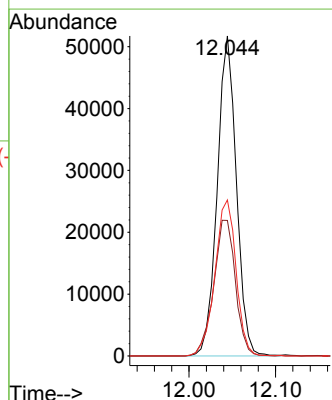
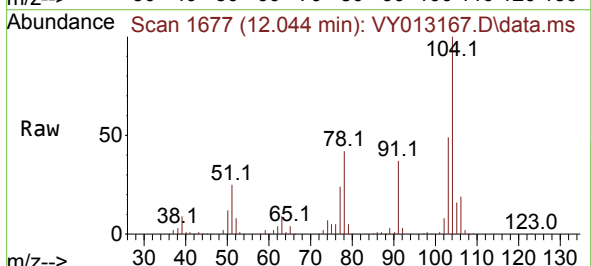
Tgt Ion:104 Resp: 79515

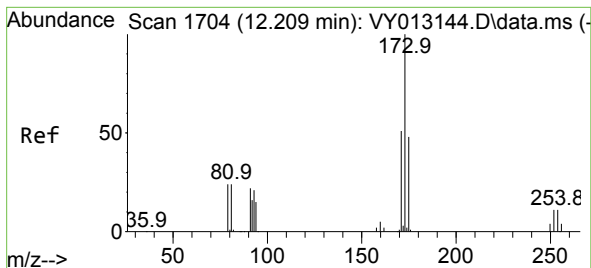
Ion Ratio Lower Upper

104 100

78 48.2 39.2 58.8

103 53.9 43.7 65.5





#71

Bromoform

Concen: 21.040 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

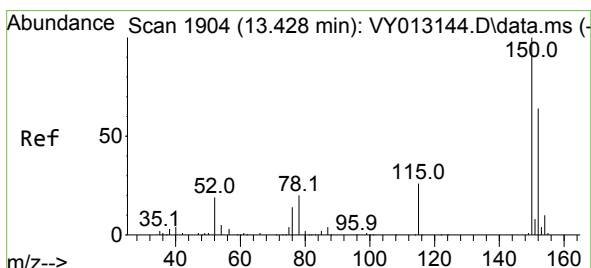
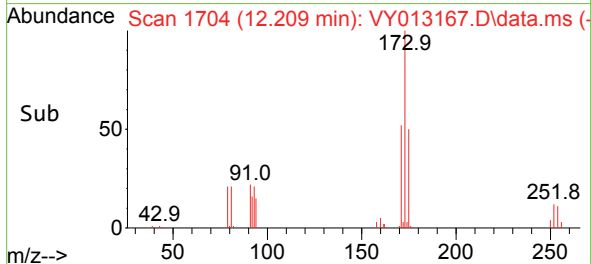
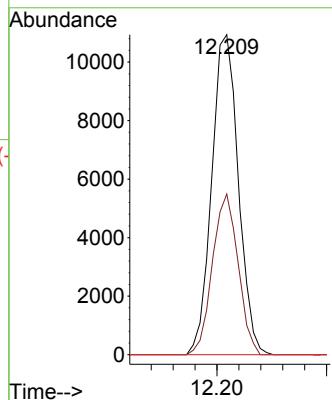
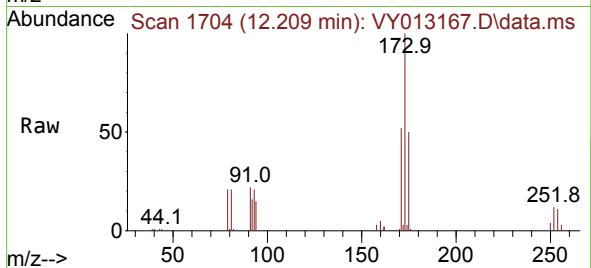
Tgt Ion:173 Resp: 18458

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

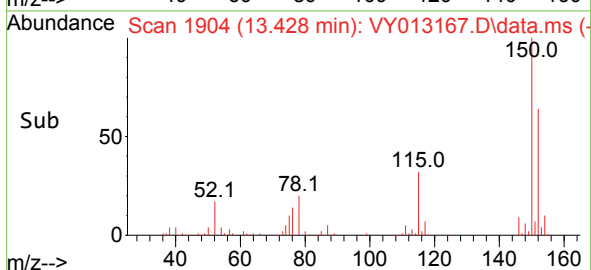
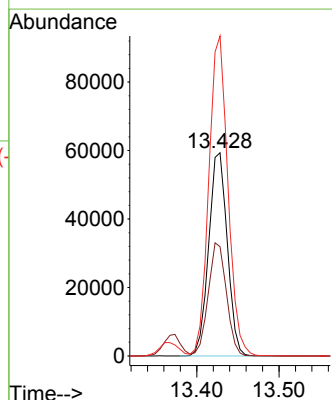
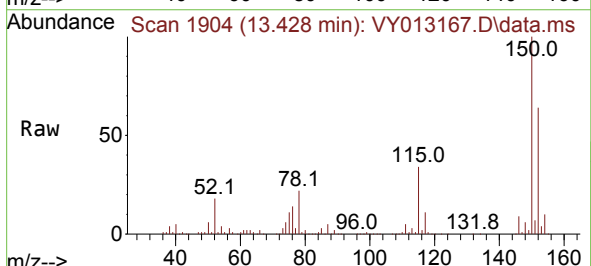
Tgt Ion:152 Resp: 93268

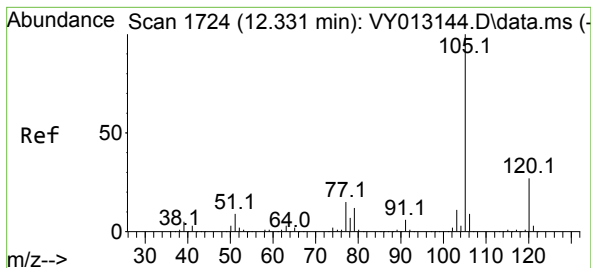
Ion Ratio Lower Upper

152 100

115 54.6 27.1 81.3

150 161.6 0.0 347.8





#73

Isopropylbenzene

Concen: 19.220 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

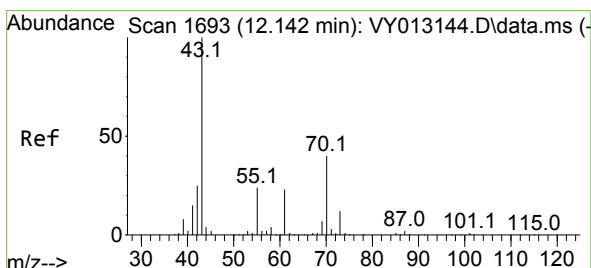
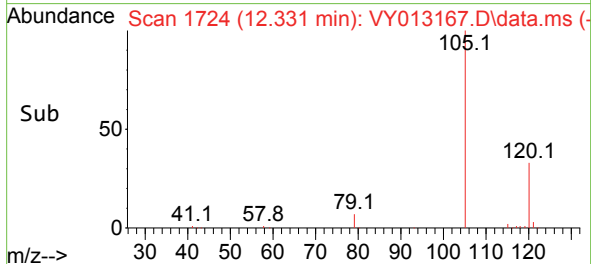
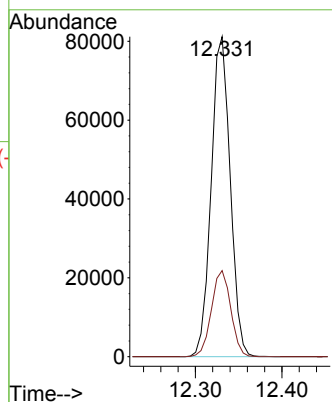
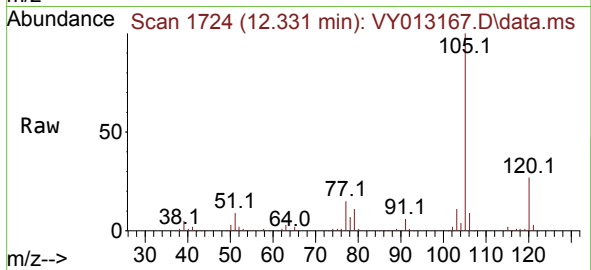
VY0403SBS01

Tgt Ion:105 Resp: 123738

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.2



#74

N-ethyl acetate

Concen: 17.565 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Tgt Ion: 43 Resp: 31049

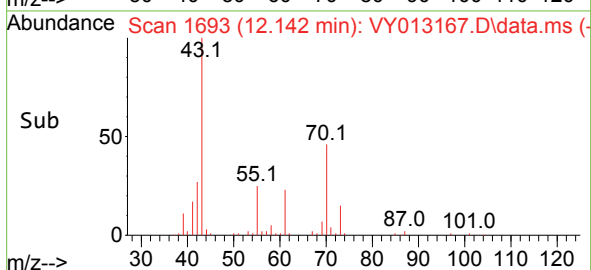
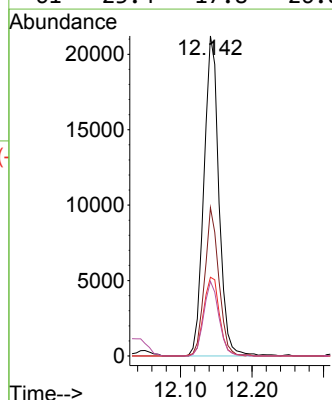
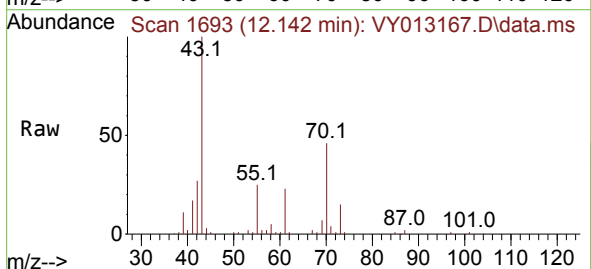
Ion Ratio Lower Upper

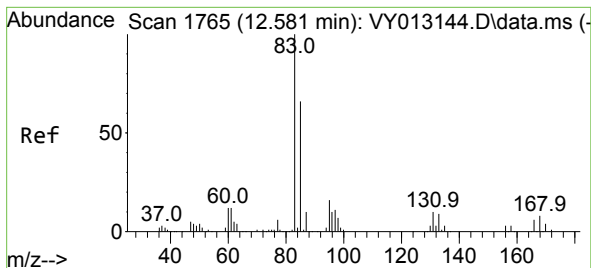
43 100

70 43.6 31.6 47.4

55 26.0 18.8 28.2

61 23.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.263 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

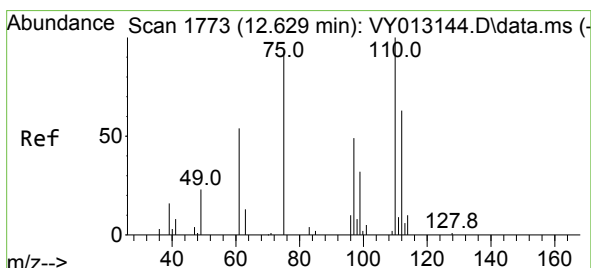
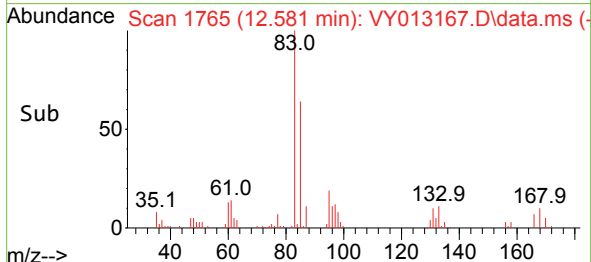
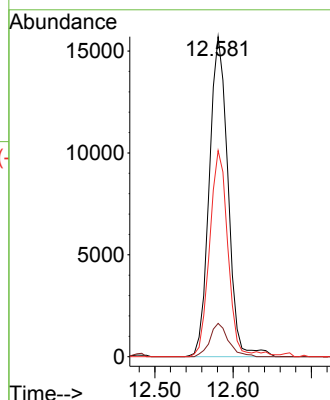
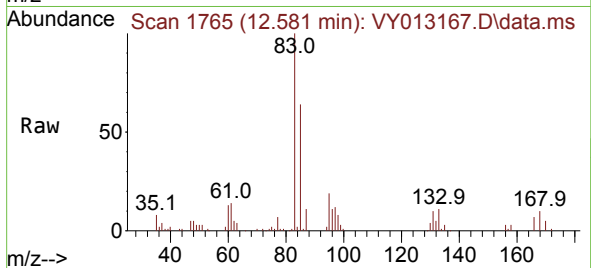
Tgt Ion: 83 Resp: 25977

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.2

85 62.2 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 30.909 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY013167.D

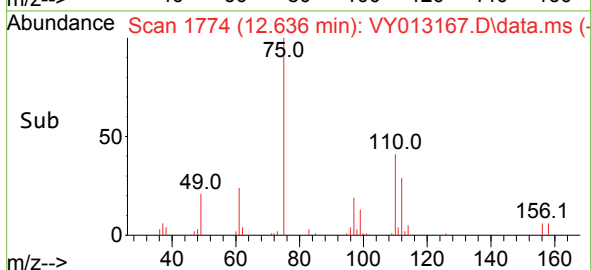
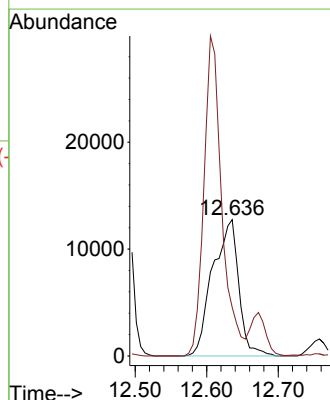
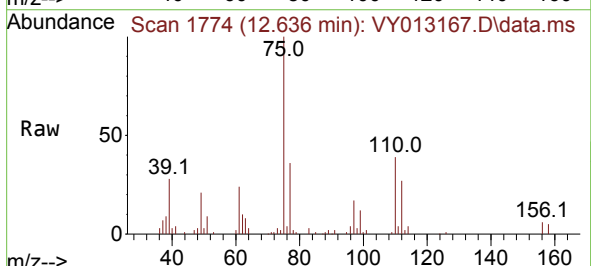
Acq: 03 Apr 2023 11:46

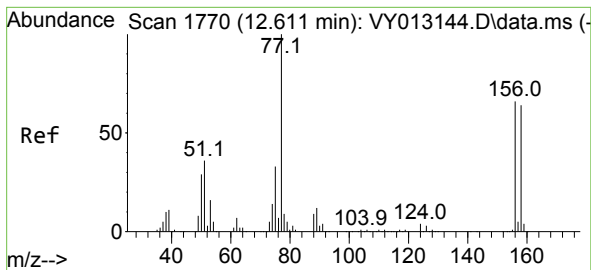
Tgt Ion: 75 Resp: 32385

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.447 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

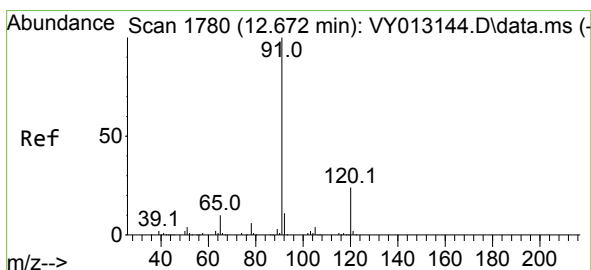
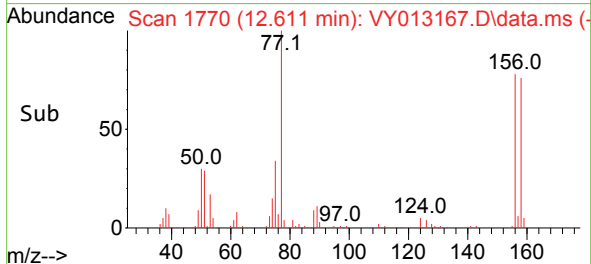
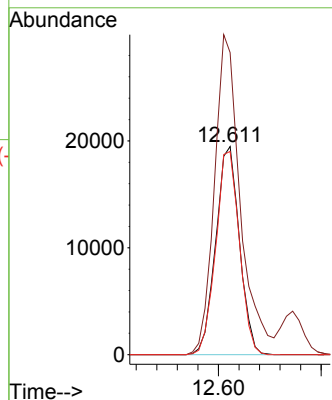
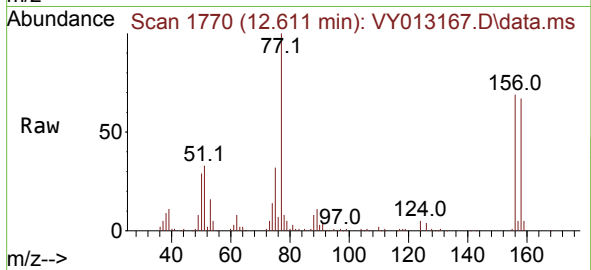
Tgt Ion:156 Resp: 31128

Ion Ratio Lower Upper

156 100

77 168.1 94.0 282.1

158 97.3 48.1 144.4



#78

n-propylbenzene

Concen: 19.079 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013167.D

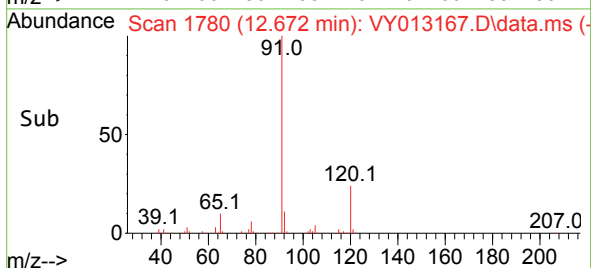
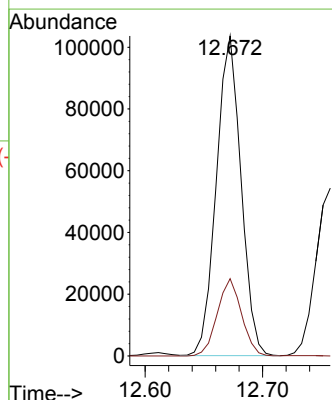
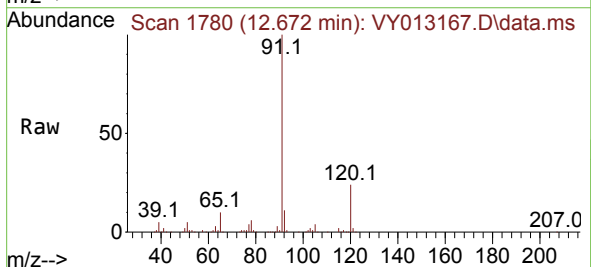
Acq: 03 Apr 2023 11:46

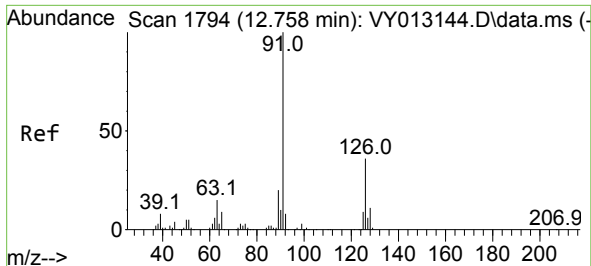
Tgt Ion: 91 Resp: 151028

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.8

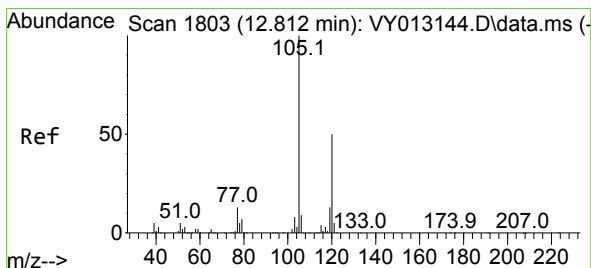
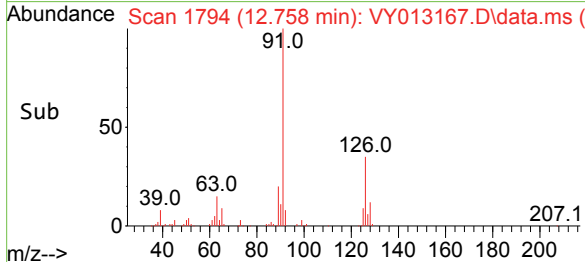
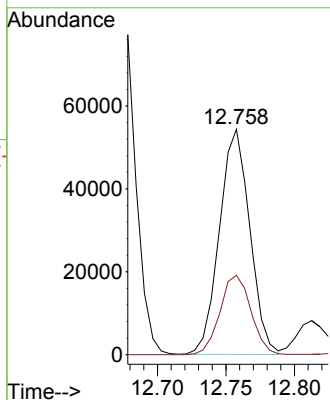
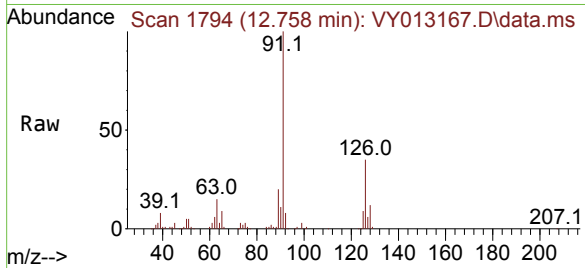




#79
2-Chlorotoluene
Concen: 18.681 ug/l
RT: 12.758 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

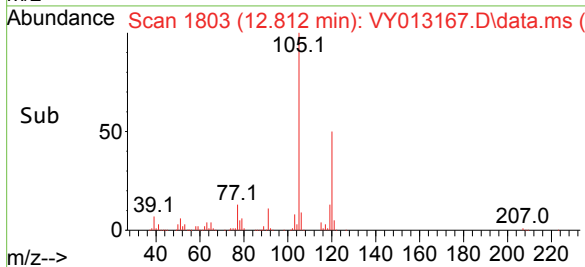
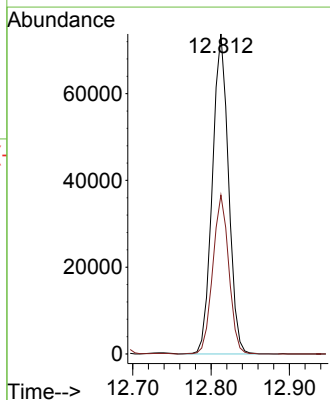
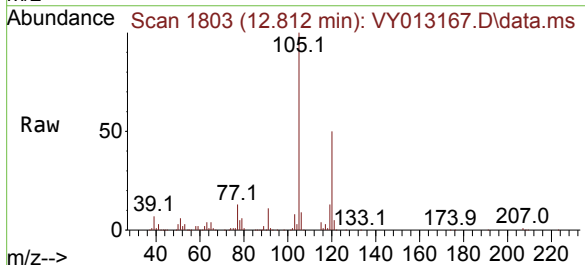
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

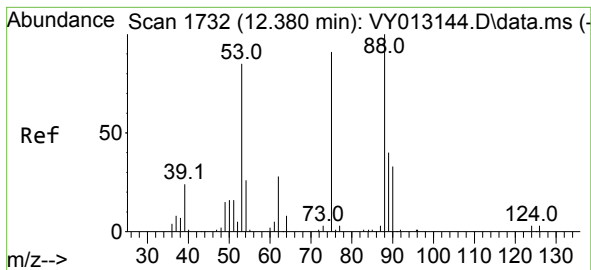
Tgt Ion: 91 Resp: 83914
Ion Ratio Lower Upper
91 100
126 35.8 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 19.601 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 105 Resp: 105503
Ion Ratio Lower Upper
105 100
120 49.3 24.8 74.4

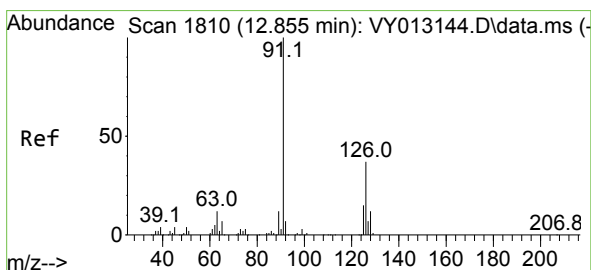
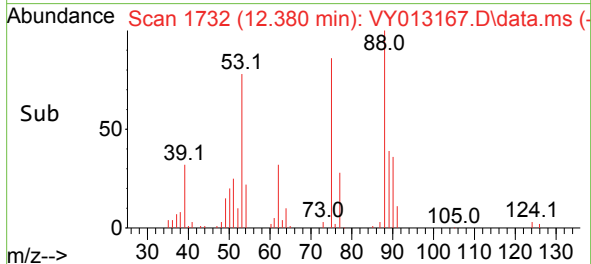
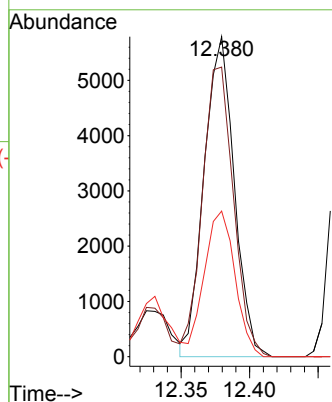
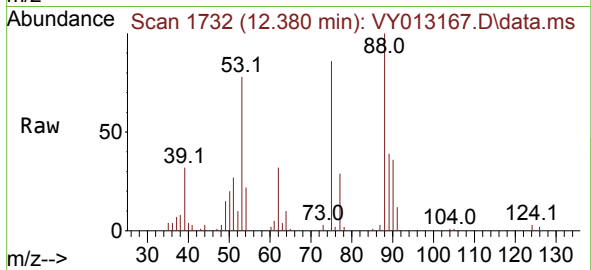




#81
trans-1,4-Dichloro-2-butene
Concen: 18.803 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

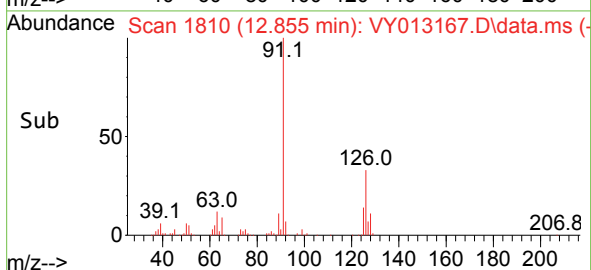
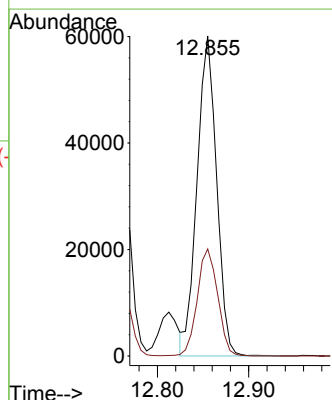
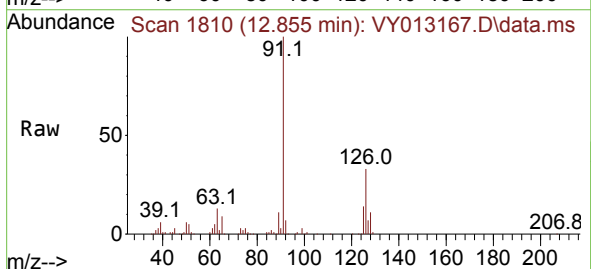
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

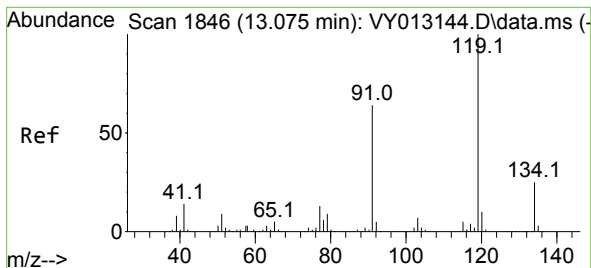
Tgt Ion: 75 Resp: 8834
Ion Ratio Lower Upper
75 100
53 93.7 73.4 110.0
89 46.1 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.137 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion: 91 Resp: 89461
Ion Ratio Lower Upper
91 100
126 35.0 17.7 53.1





#83

tert-Butylbenzene

Concen: 19.640 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

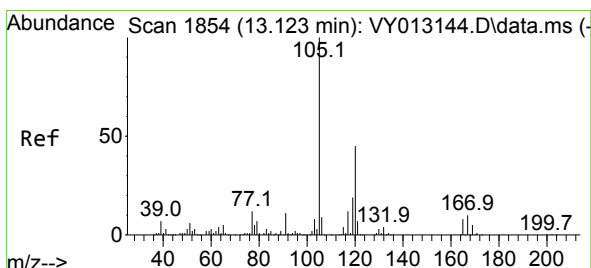
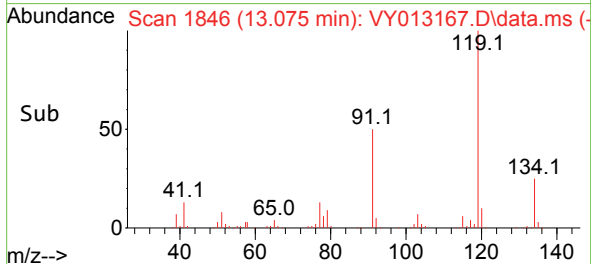
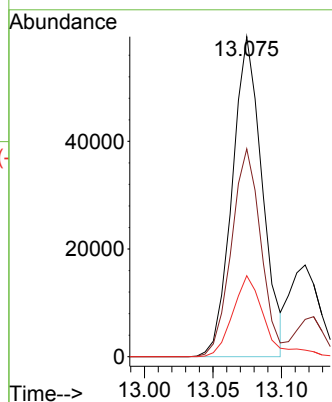
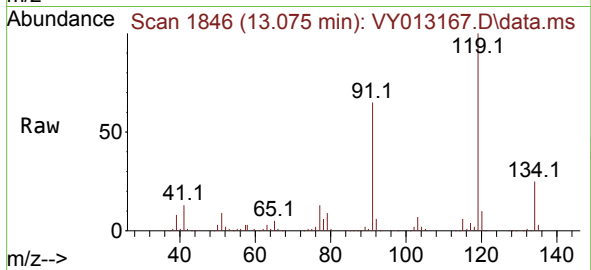
Tgt Ion:119 Resp: 90798

Ion Ratio Lower Upper

119 100

91 63.6 32.8 98.3

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 19.743 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013167.D

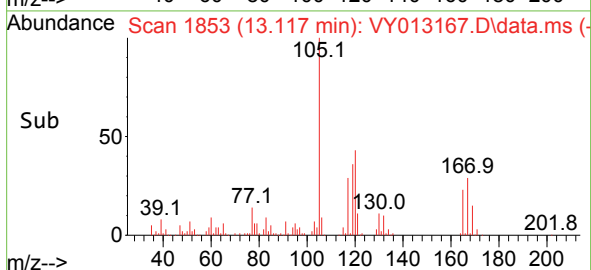
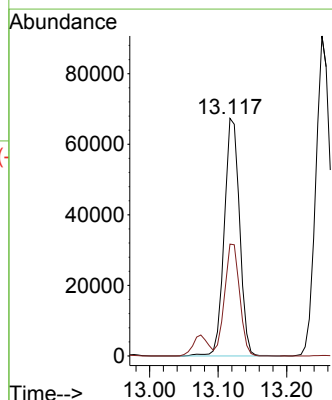
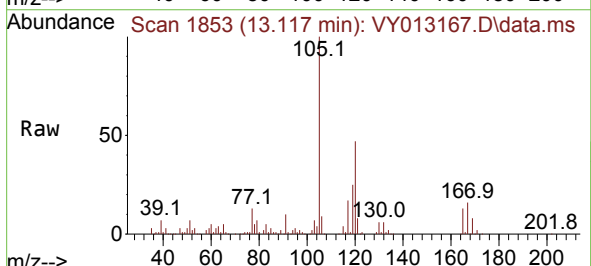
Acq: 03 Apr 2023 11:46

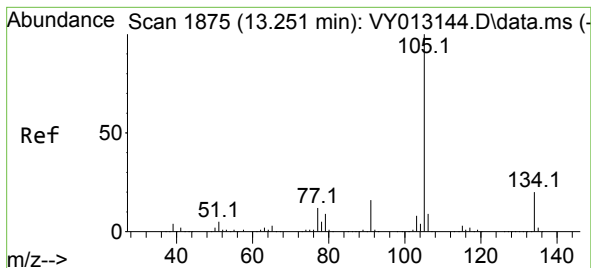
Tgt Ion:105 Resp: 104073

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.296 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

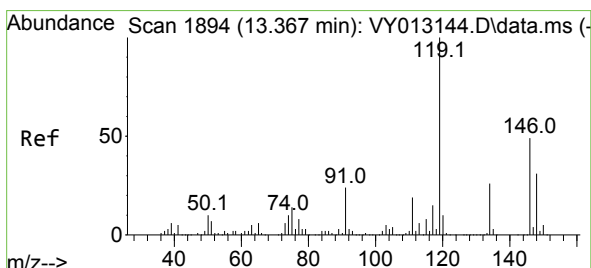
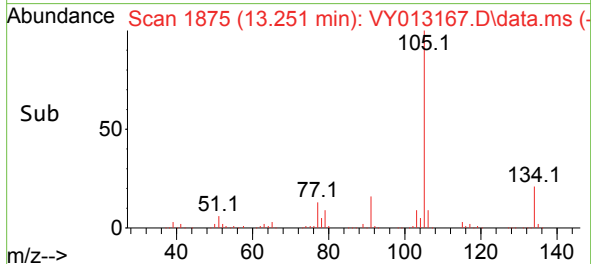
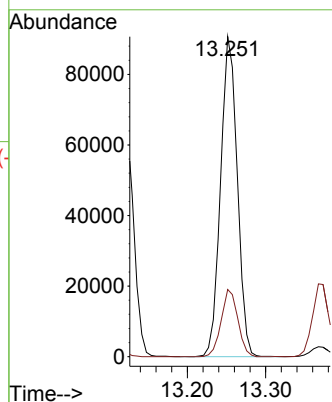
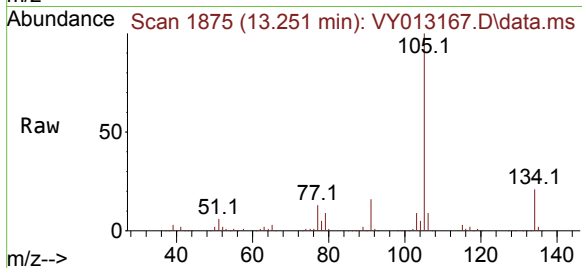
VY0403SBS01

Tgt Ion:105 Resp: 134702

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.842 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

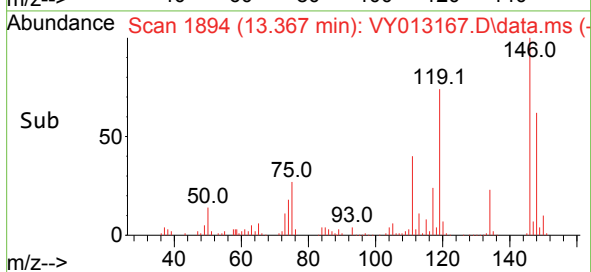
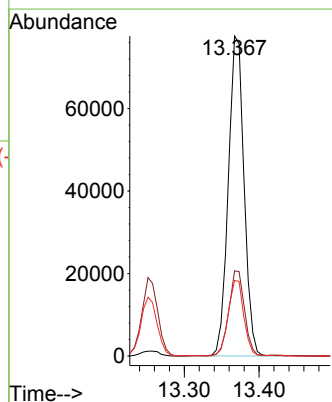
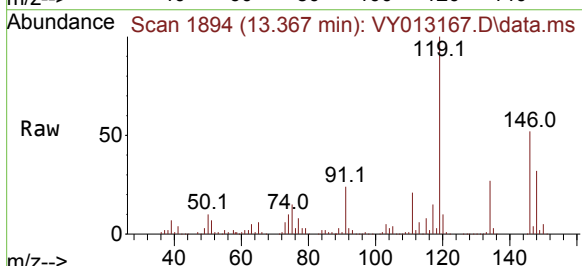
Tgt Ion:119 Resp: 114028

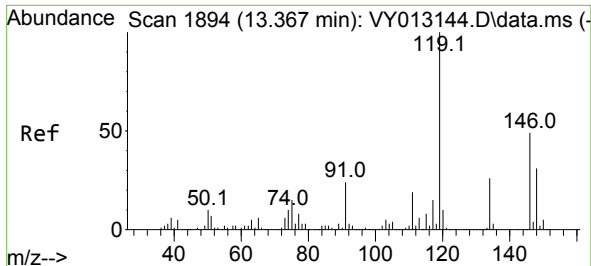
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 23.7 11.8 35.3

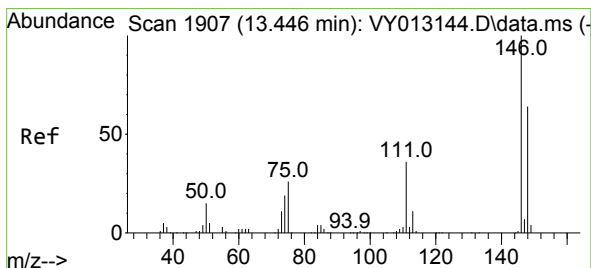
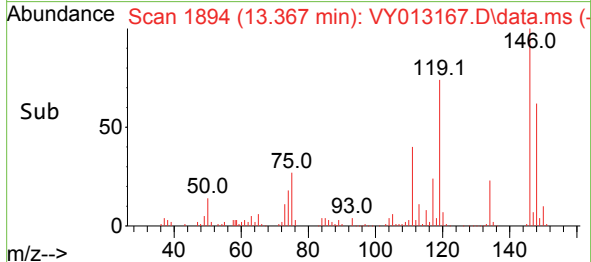
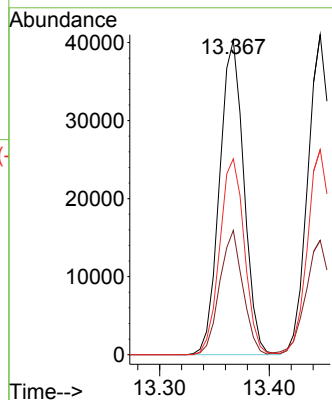
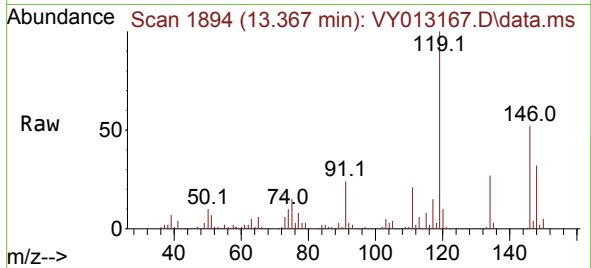




#87
1,3-Dichlorobenzene
Concen: 19.607 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

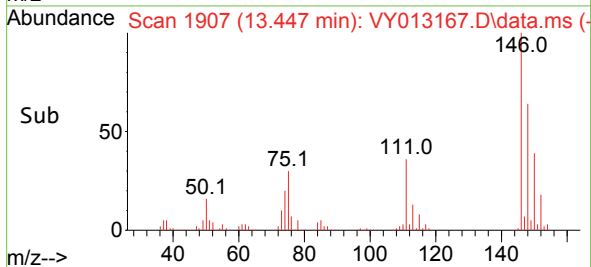
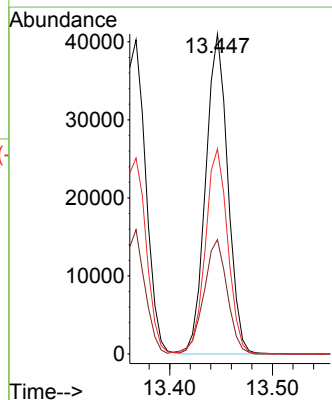
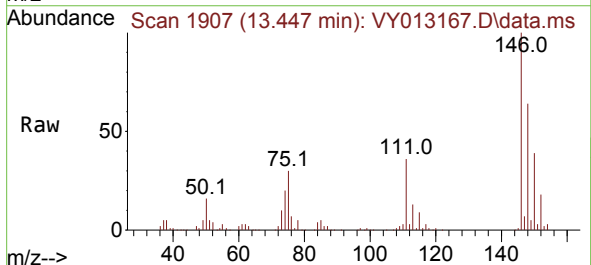
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

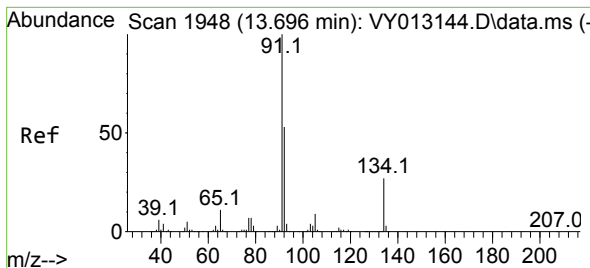
Tgt Ion:146 Resp: 62211
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.5
148 63.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.340 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:146 Resp: 61491
Ion Ratio Lower Upper
146 100
111 38.0 18.6 55.8
148 64.7 31.5 94.5





#89

n-Butylbenzene

Concen: 19.084 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

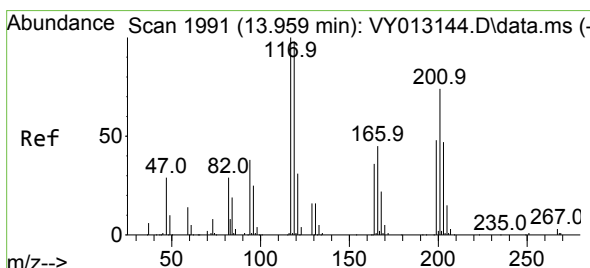
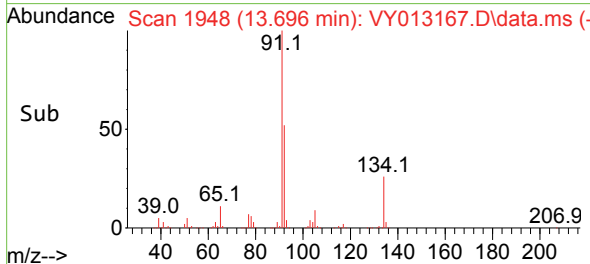
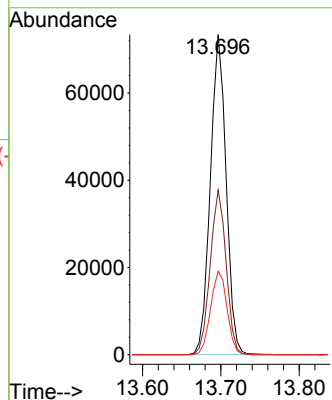
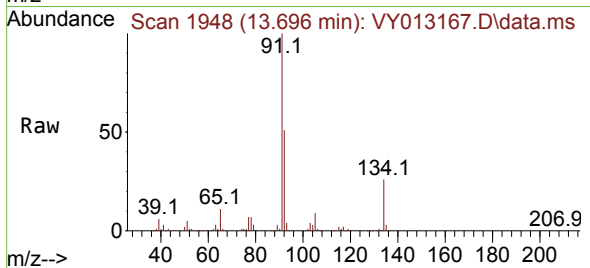
Tgt Ion: 91 Resp: 102523

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.0

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 18.801 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013167.D

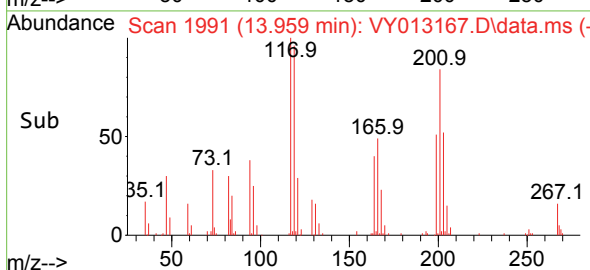
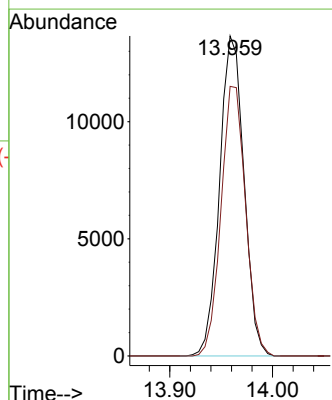
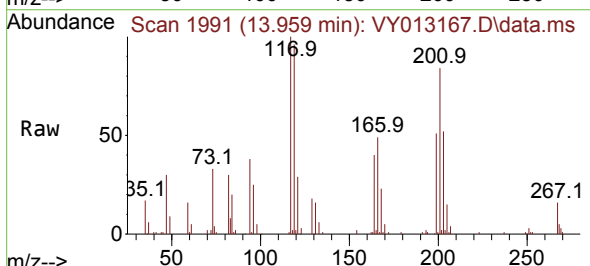
Acq: 03 Apr 2023 11:46

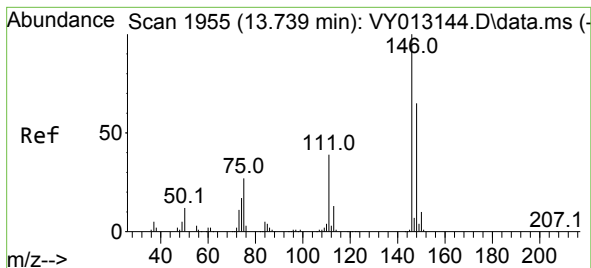
Tgt Ion: 117 Resp: 22508

Ion Ratio Lower Upper

117 100

201 84.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 19.075 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

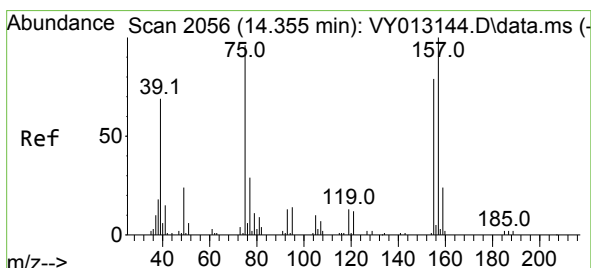
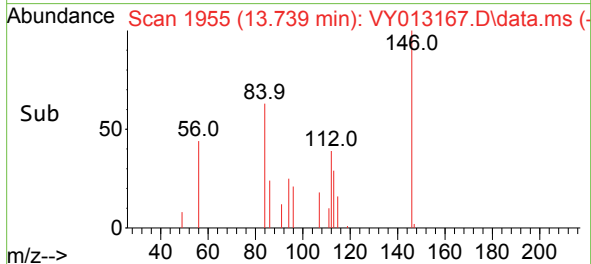
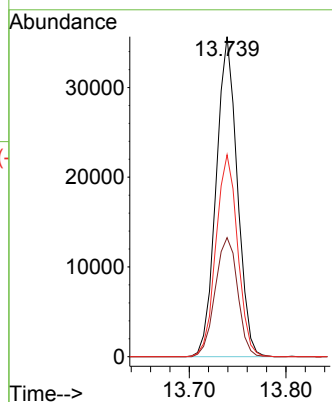
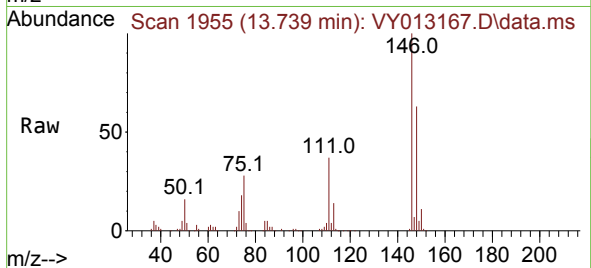
Tgt Ion:146 Resp: 54052

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

148 64.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.910 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

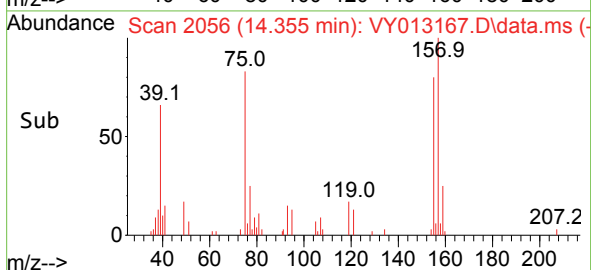
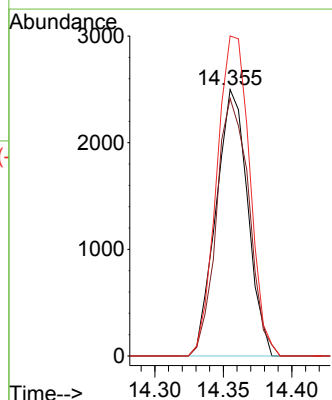
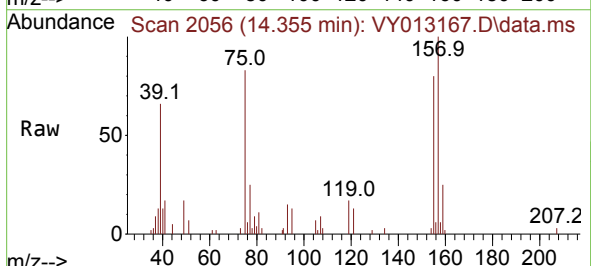
Tgt Ion: 75 Resp: 4019

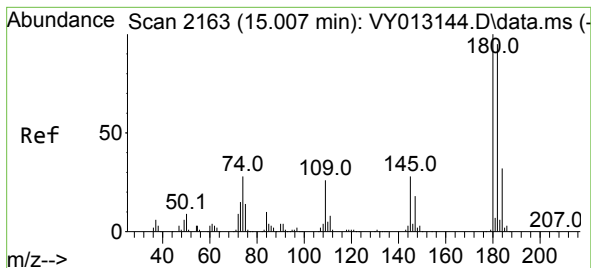
Ion Ratio Lower Upper

75 100

155 98.8 43.8 131.4

157 125.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.763 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

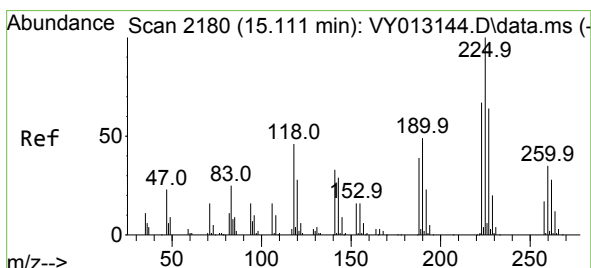
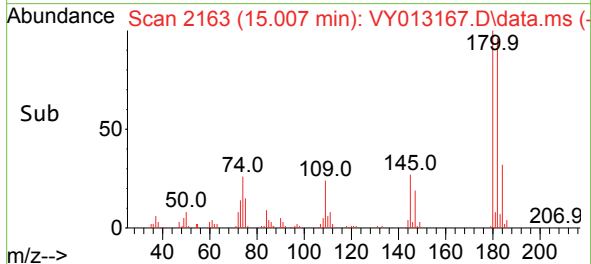
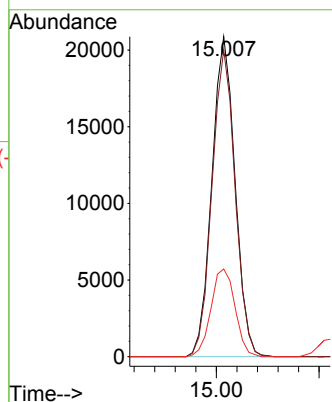
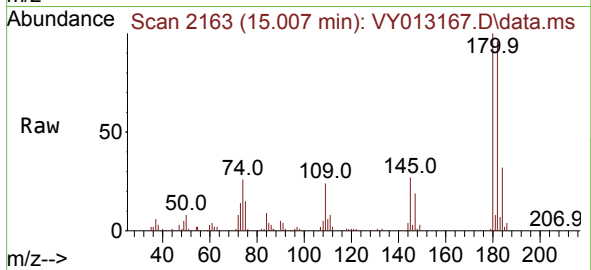
Tgt Ion:180 Resp: 32659

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.711 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013167.D

Acq: 03 Apr 2023 11:46

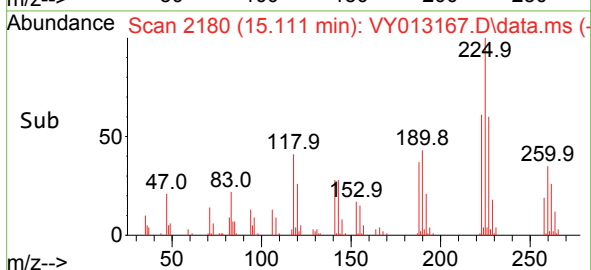
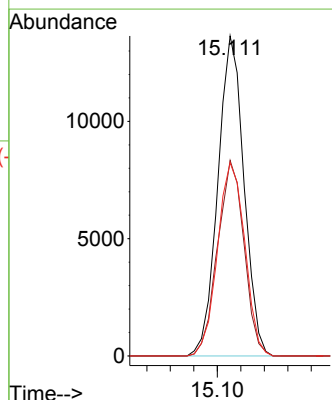
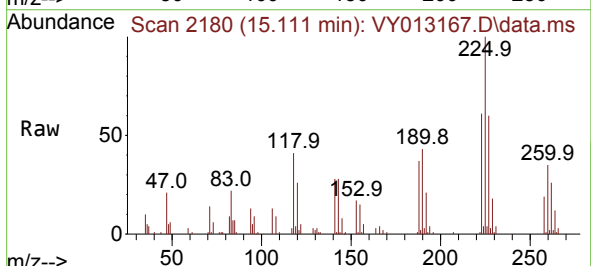
Tgt Ion:225 Resp: 21049

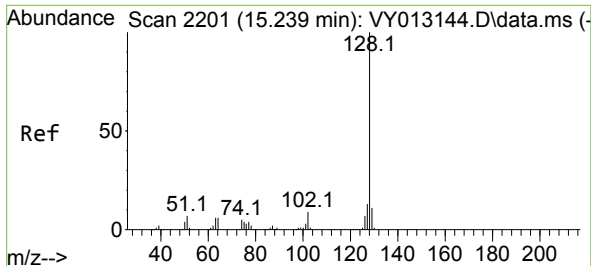
Ion Ratio Lower Upper

225 100

223 61.9 31.1 93.3

227 63.2 32.4 97.0

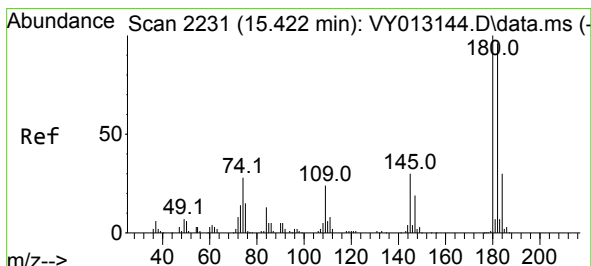
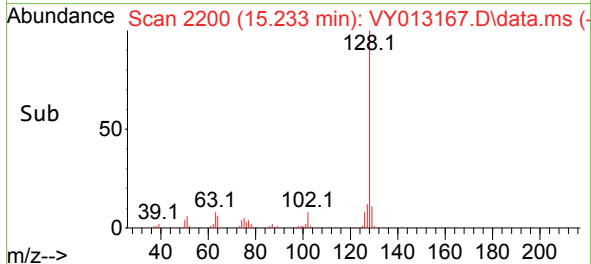
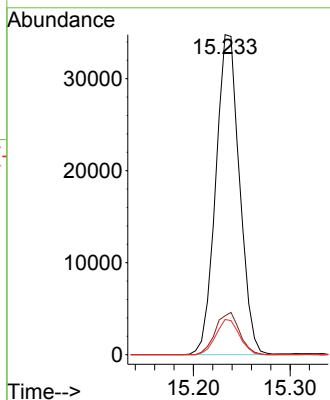
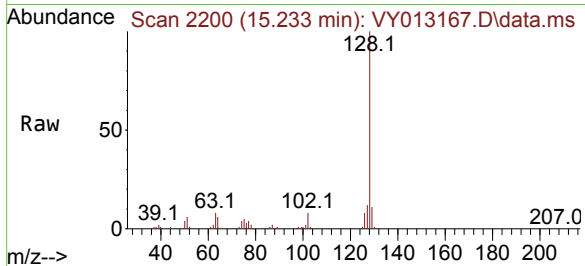




#95
Naphthalene
Concen: 19.077 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

Tgt Ion:128 Resp: 59291
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.904 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013167.D
Acq: 03 Apr 2023 11:46

Tgt Ion:180 Resp: 28979
Ion Ratio Lower Upper
180 100
182 94.3 47.4 142.3
145 32.3 15.3 45.8

