

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013158.D
 Acq On : 31 Mar 2023 11:14
 Operator : KP/MD
 Sample : VY0331SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

Quant Time: Apr 01 00:05:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	130590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91110	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	71057	50.631	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.260%	
35) Dibromofluoromethane	7.716	113	64383	50.033	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.060%	
50) Toluene-d8	10.179	98	243034	50.029	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.483	95	81431	51.498	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	26177	20.448	ug/l	98
3) Chloromethane	2.113	50	23106	17.308	ug/l	98
4) Vinyl Chloride	2.253	62	23463	17.530	ug/l	99
5) Bromomethane	2.643	94	17367	18.385	ug/l	94
6) Chloroethane	2.790	64	15297	18.245	ug/l	99
7) Trichlorofluoromethane	3.125	101	48979	20.561	ug/l	97
8) Diethyl Ether	3.527	74	15714	21.007	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	25678	19.552	ug/l	97
10) Methyl Iodide	4.094	142	31992	18.706	ug/l	97
11) Tert butyl alcohol	4.954	59	15946	126.065	ug/l	98
12) 1,1-Dichloroethene	3.875	96	24564	19.348	ug/l	98
13) Acrolein	3.729	56	18966	106.846	ug/l	99
14) Allyl chloride	4.479	41	41266	19.076	ug/l	96
15) Acrylonitrile	5.161	53	40276	108.352	ug/l	98
16) Acetone	3.948	43	41433	96.547	ug/l	99
17) Carbon Disulfide	4.192	76	81235	19.213	ug/l	100
18) Methyl Acetate	4.479	43	27956	20.674	ug/l	96
19) Methyl tert-butyl Ether	5.216	73	68671	21.345	ug/l	100
20) Methylene Chloride	4.716	84	33983	19.682	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	28243	19.744	ug/l	93
22) Diisopropyl ether	6.118	45	83111	19.665	ug/l	93
23) Vinyl Acetate	6.057	43	249822	103.946	ug/l	99
24) 1,1-Dichloroethane	6.015	63	48277	19.287	ug/l	99
25) 2-Butanone	6.984	43	56179	104.693	ug/l	99
26) 2,2-Dichloropropane	6.978	77	44674	19.843	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	30843	20.014	ug/l	98
28) Bromochloromethane	7.338	49	20164	18.774	ug/l	89
29) Tetrahydrofuran	7.350	42	35099	110.495	ug/l	97
30) Chloroform	7.508	83	50836	19.612	ug/l	98
31) Cyclohexane	7.789	56	43968	19.190	ug/l #	89
32) 1,1,1-Trichloroethane	7.704	97	46181	20.151	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38444	19.845	ug/l	99
37) Ethyl Acetate	7.076	43	24845	22.577	ug/l	99
38) Carbon Tetrachloride	7.899	117	43250	20.234	ug/l	99
39) Methylcyclohexane	9.185	83	45103	19.846	ug/l	95
40) Benzene	8.161	78	110913	19.823	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	32793	67.172	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	35772	20.868	ug/l	99
43) Isopropyl Acetate	8.271	43	41880	21.261	ug/l	98
44) Trichloroethene	8.941	130	30743	19.960	ug/l	97
45) 1,2-Dichloropropane	9.215	63	27330	19.507	ug/l	99
46) Dibromomethane	9.307	93	16693	20.740	ug/l	95
47) Bromodichloromethane	9.496	83	39052	20.109	ug/l #	97
48) Methyl methacrylate	9.295	41	18961	20.669	ug/l	94
49) 1,4-Dioxane	9.301	88	4604	480.837	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	117822	110.832	ug/l	97
52) Toluene	10.246	92	70434	20.294	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	40465	20.385	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	45659	20.140	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23509	21.131	ug/l	94
56) Ethyl methacrylate	10.508	69	29654	21.200	ug/l	97
57) 1,3-Dichloropropane	10.788	76	38946	20.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	71237	108.915	ug/l	96
59) 2-Hexanone	10.831	43	85196	110.812	ug/l	99
60) Dibromochloromethane	10.983	129	28705	20.543	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22316	20.702	ug/l	96
64) Tetrachloroethene	10.721	164	28303	20.642	ug/l	98
65) Chlorobenzene	11.514	112	76846	20.296	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	28825	20.307	ug/l	99
67) Ethyl Benzene	11.593	91	130731	19.992	ug/l	99
68) m/p-Xylenes	11.703	106	104697	41.389	ug/l	98
69) o-Xylene	12.032	106	47890	20.411	ug/l	97
70) Styrene	12.044	104	82443	21.005	ug/l	100
71) Bromoform	12.209	173	19433	22.078	ug/l #	97
73) Isopropylbenzene	12.331	105	127147	20.217	ug/l	98
74) N-amyl acetate	12.142	43	36327	21.037	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	27646	20.986	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	36884	36.036	ug/l #	100
77) Bromobenzene	12.611	156	32076	20.514	ug/l	95
78) n-propylbenzene	12.672	91	157094	20.315	ug/l	100
79) 2-Chlorotoluene	12.758	91	87254	19.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	108316	20.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	10111	22.031	ug/l	99
82) 4-Chlorotoluene	12.855	91	92054	20.158	ug/l	100
83) tert-Butylbenzene	13.075	119	91968	20.364	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	106368	20.657	ug/l	100
85) sec-Butylbenzene	13.251	105	139943	20.522	ug/l	100
86) p-Isopropyltoluene	13.367	119	116243	20.707	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	64372	20.768	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	63069	20.306	ug/l	99
89) n-Butylbenzene	13.696	91	105496	20.102	ug/l	99
90) Hexachloroethane	13.959	117	23536	20.126	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	57457	20.757	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4591	20.943	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	32662	20.233	ug/l	96
94) Hexachlorobutadiene	15.111	225	20520	20.669	ug/l	99
95) Naphthalene	15.239	128	61898	20.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29807	20.958	ug/l	99

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QLast Update : Fri Mar 31 05:07:15 2023
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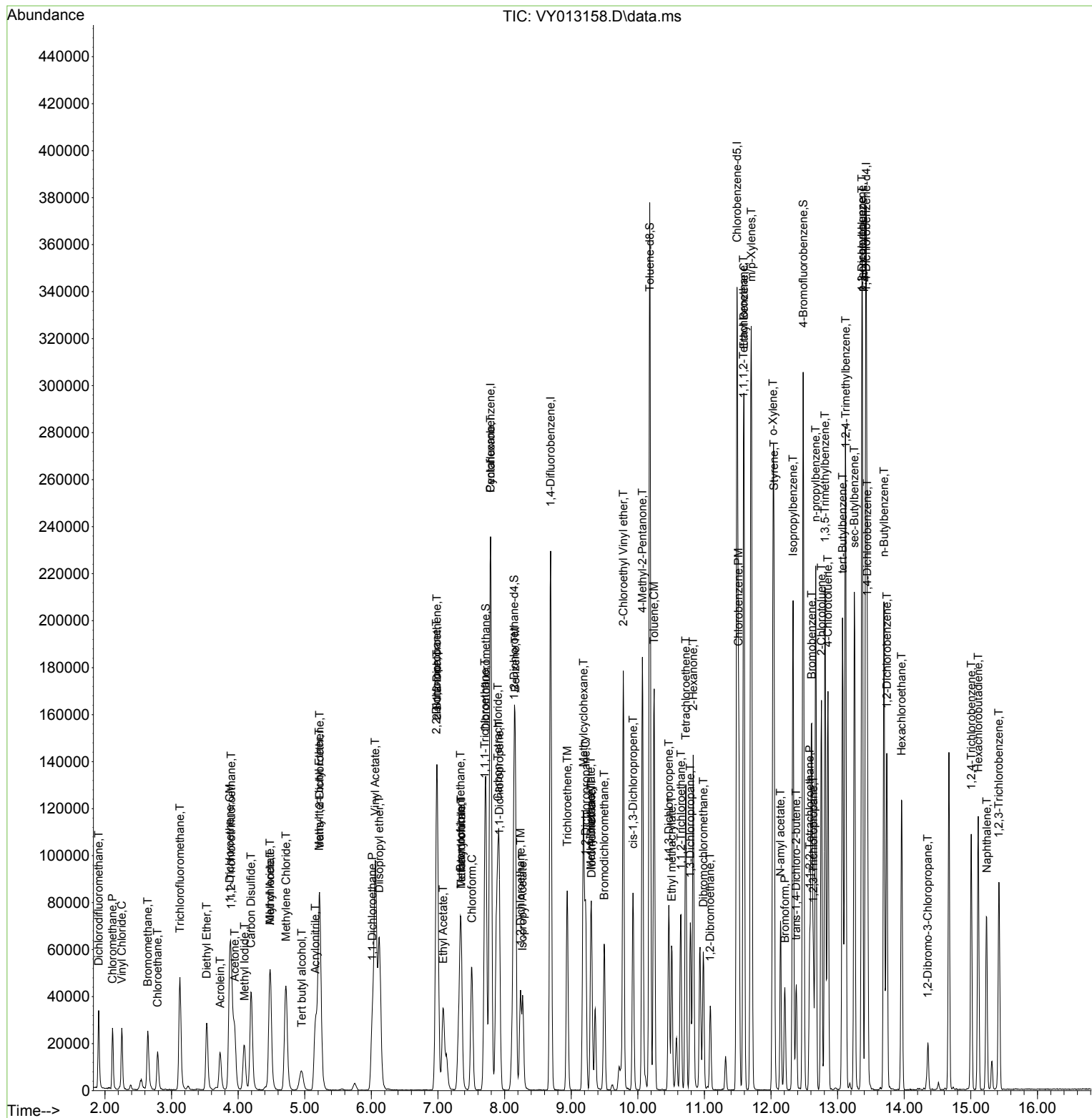
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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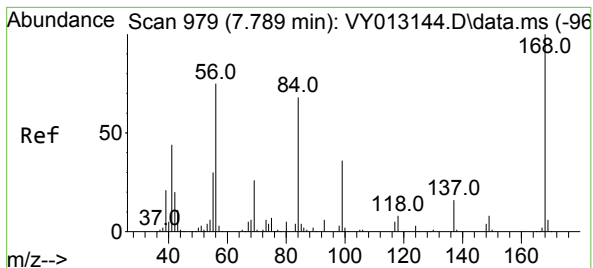
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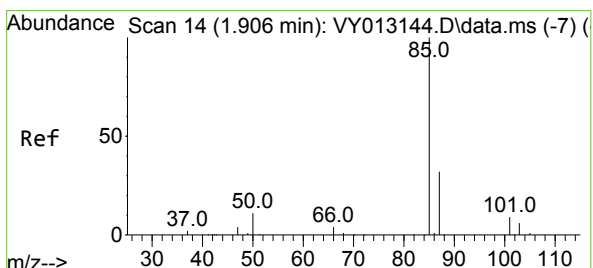
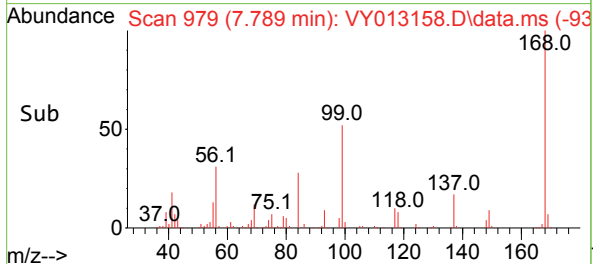
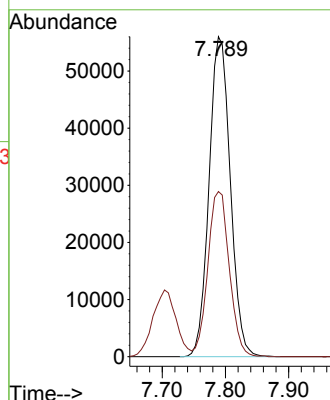
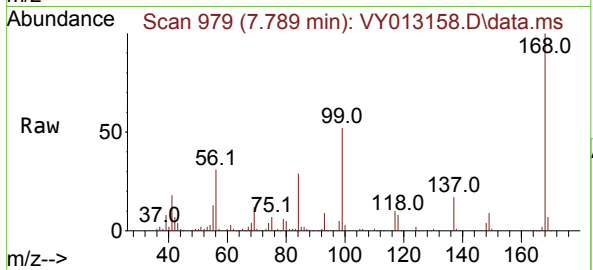




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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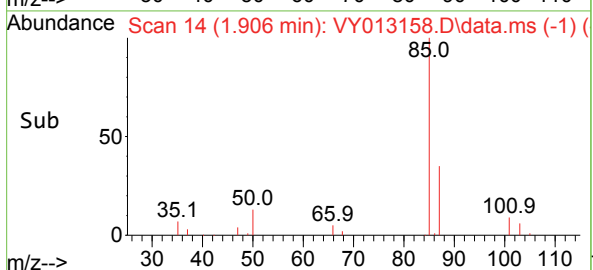
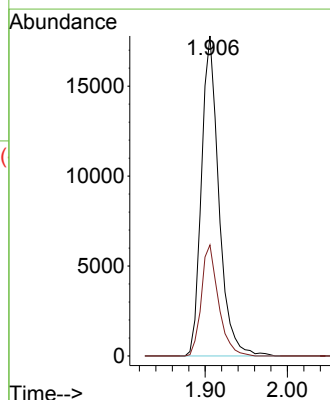
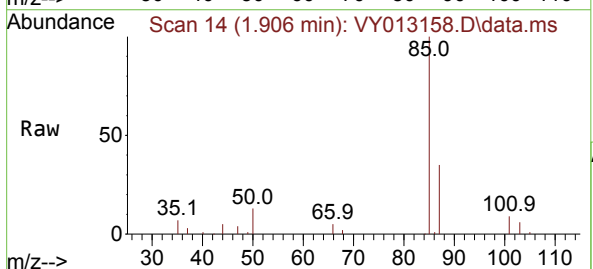
Instrument :
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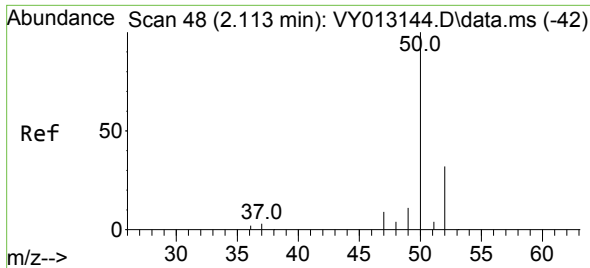
Tgt Ion:168 Resp: 130590
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 20.448 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 85 Resp: 26177
Ion Ratio Lower Upper
85 100
87 34.7 16.7 50.0

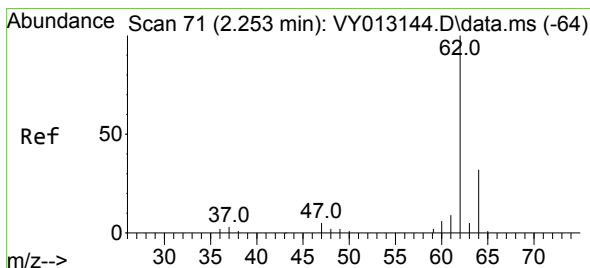
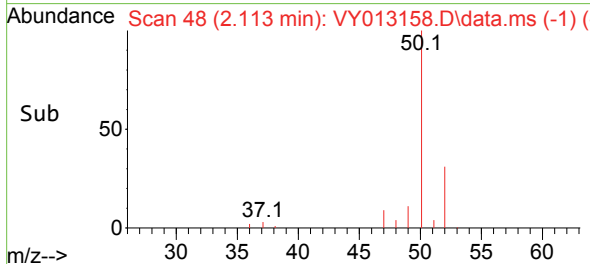
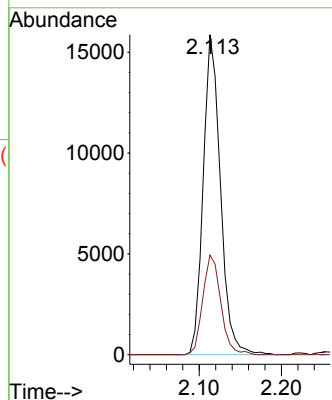
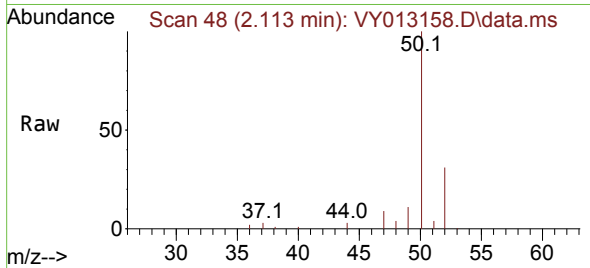




#3
Chloromethane
Concen: 17.308 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

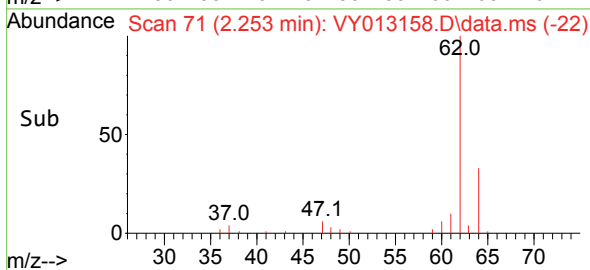
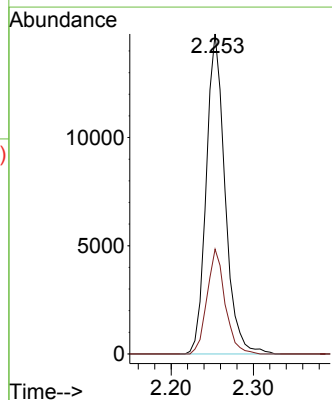
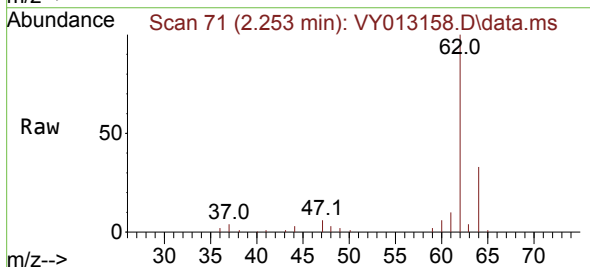
Instrument :
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ClientSampleId :
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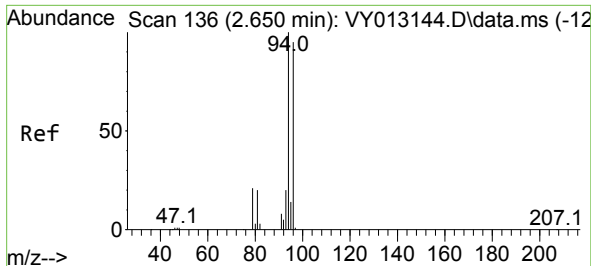
Tgt Ion: 50 Resp: 23106
Ion Ratio Lower Upper
50 100
52 31.1 26.0 39.0



#4
Vinyl Chloride
Concen: 17.530 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 62 Resp: 23463
Ion Ratio Lower Upper
62 100
64 32.8 25.6 38.4





#5

Bromomethane

Concen: 18.385 ug/l

RT: 2.643 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

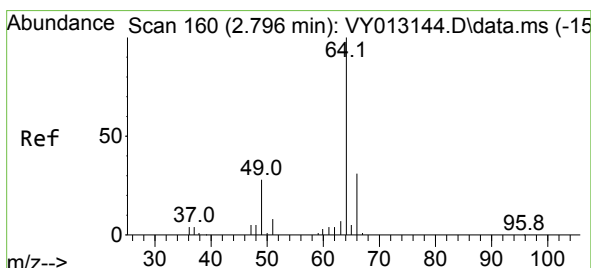
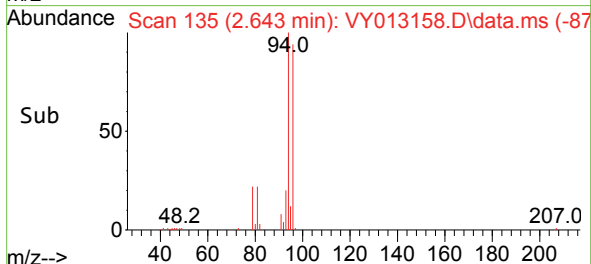
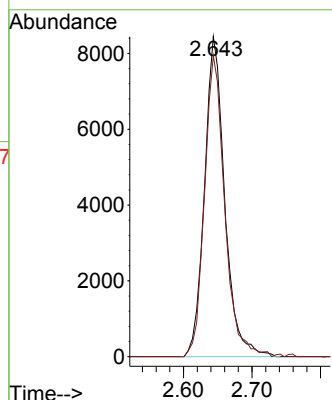
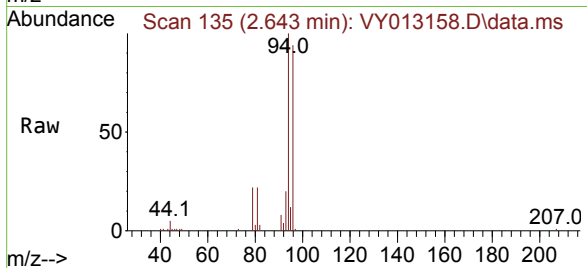
VY0331SBS01

Tgt Ion: 94 Resp: 17367

Ion Ratio Lower Upper

94 100

96 94.0 80.3 120.5



#6

Chloroethane

Concen: 18.245 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013158.D

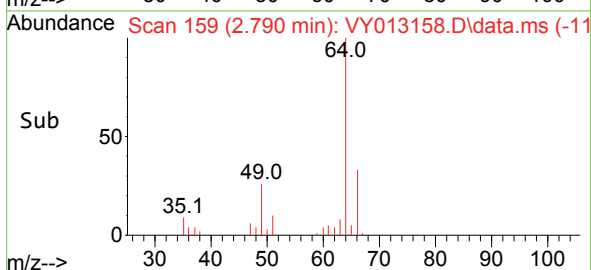
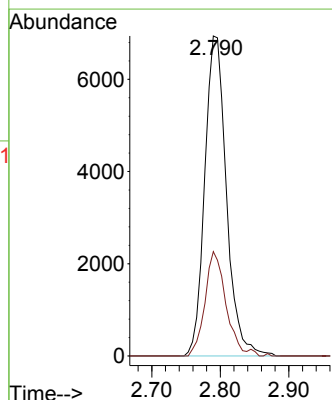
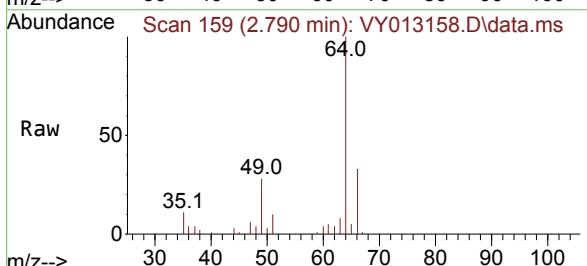
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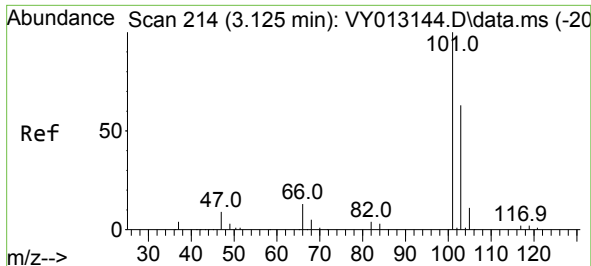
Tgt Ion: 64 Resp: 15297

Ion Ratio Lower Upper

64 100

66 32.6 25.7 38.5

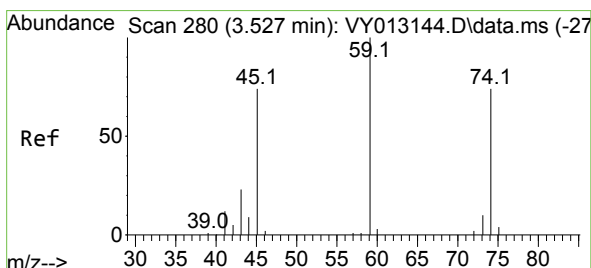
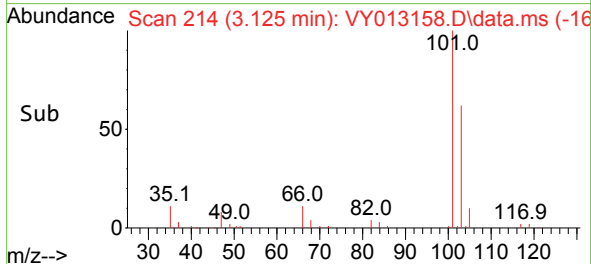
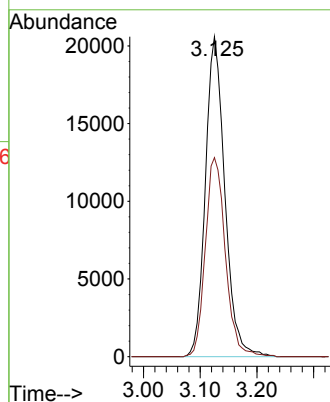
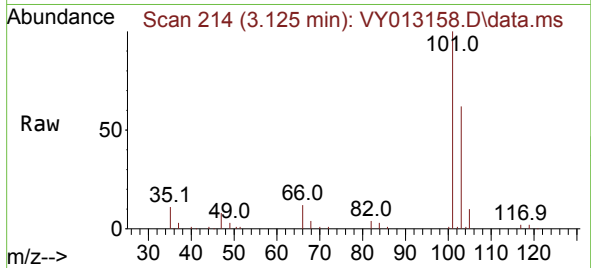




#7
 Trichlorofluoromethane
 Concen: 20.561 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

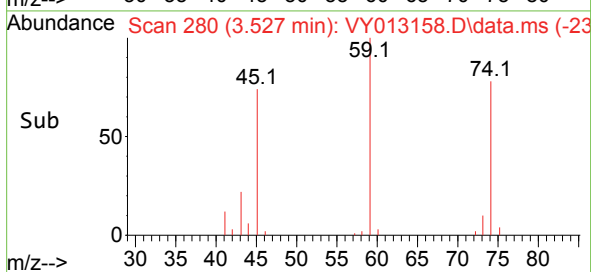
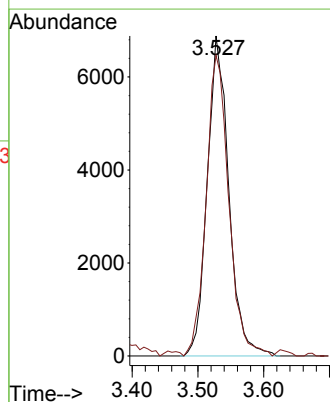
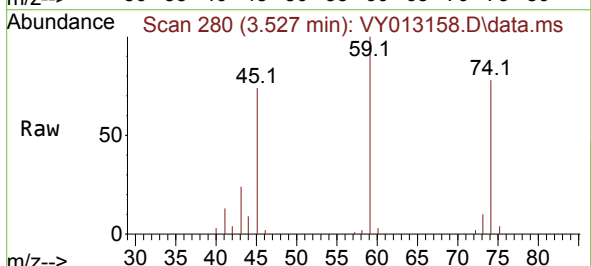
Instrument :
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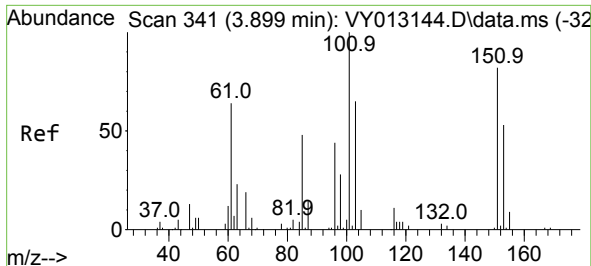
Tgt Ion:101 Resp: 48979
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 21.007 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013158.D
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Tgt Ion: 74 Resp: 15714
 Ion Ratio Lower Upper
 74 100
 45 98.5 52.1 156.4

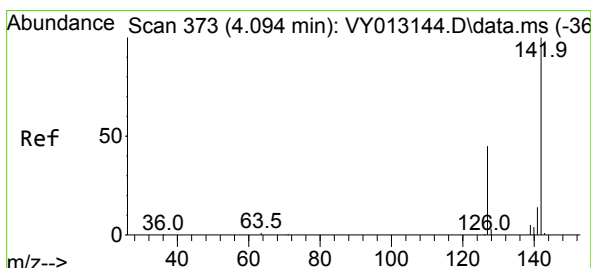
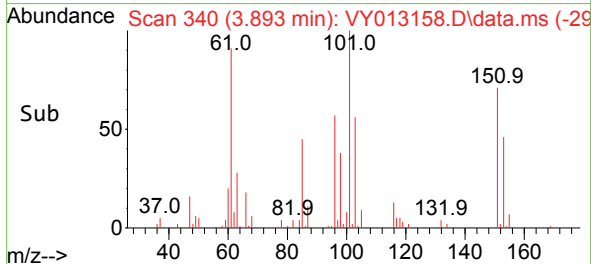
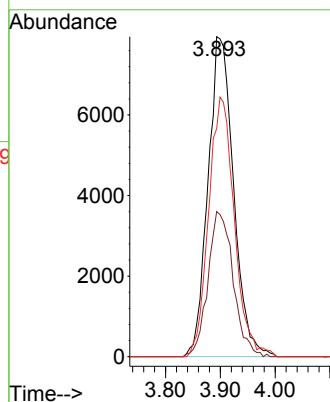
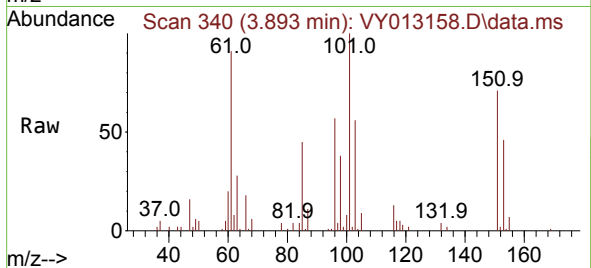




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.552 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

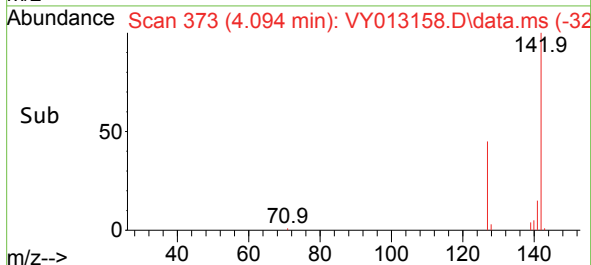
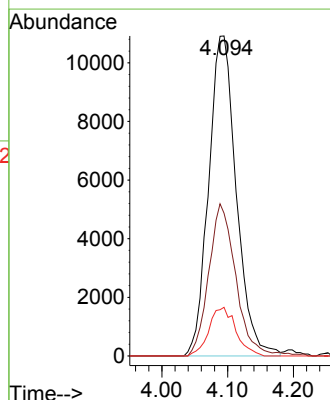
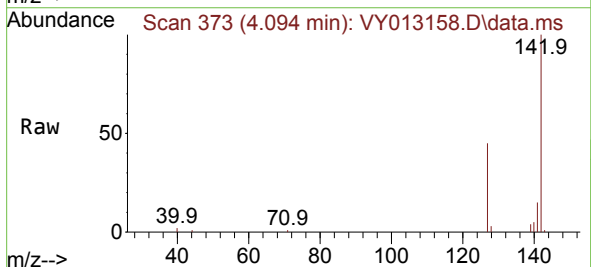
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

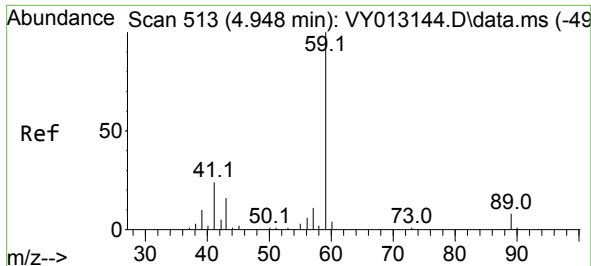
Tgt Ion:101 Resp: 25678
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 81.7 63.1 94.7



#10
Methyl Iodide
Concen: 18.706 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:142 Resp: 31992
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 14.7 11.3 16.9

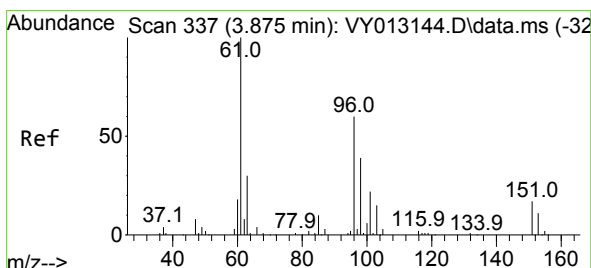
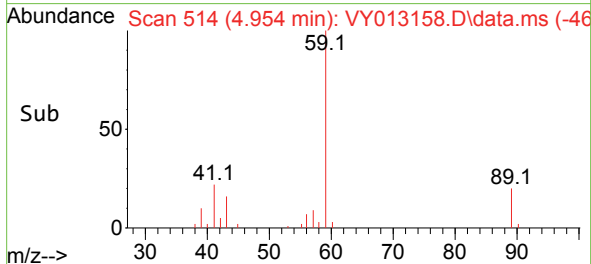
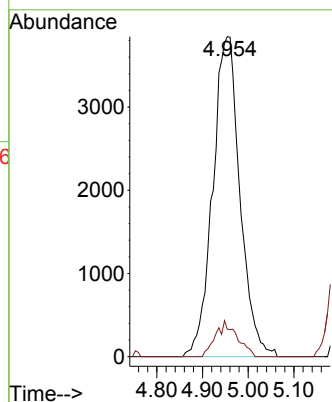
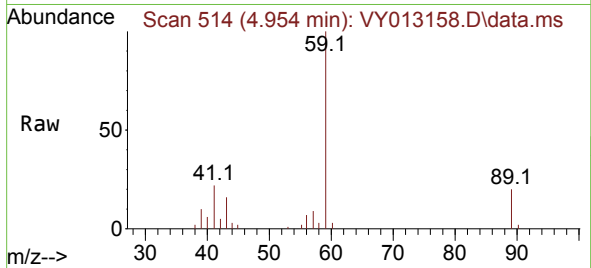




#11
Tert butyl alcohol
Concen: 126.065 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

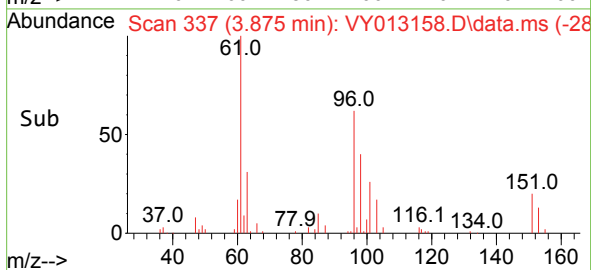
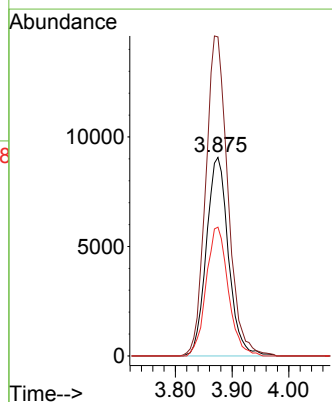
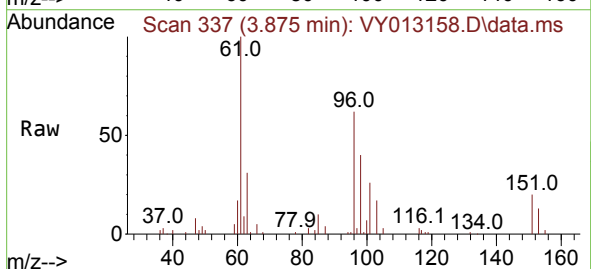
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

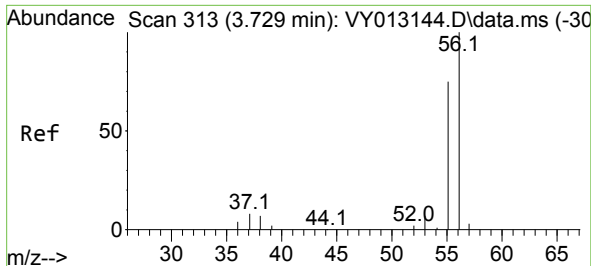
Tgt Ion: 59 Resp: 15946
Ion Ratio Lower Upper
59 100
57 8.9 7.7 11.5



#12
1,1-Dichloroethene
Concen: 19.348 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 96 Resp: 24564
Ion Ratio Lower Upper
96 100
61 160.6 131.7 197.5
98 64.8 52.0 78.0





#13

Acrolein

Concen: 106.846 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

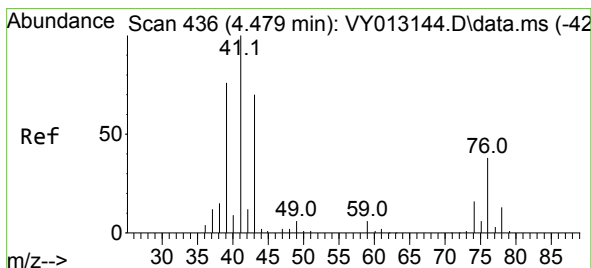
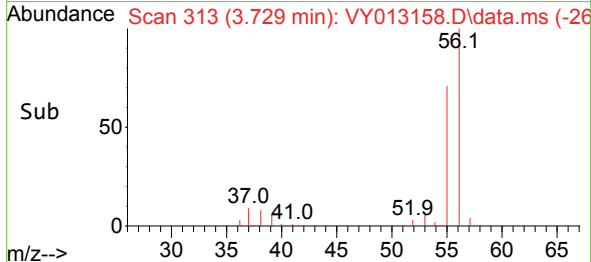
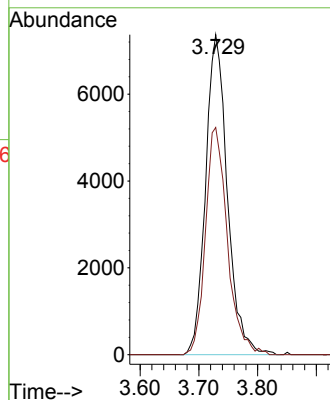
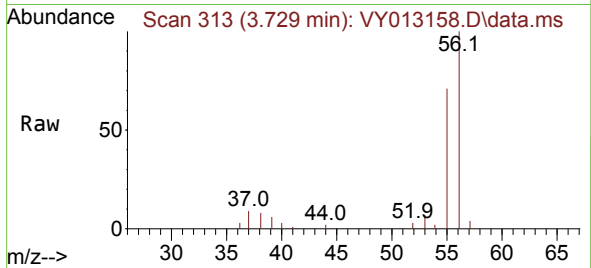
VY0331SBS01

Tgt Ion: 56 Resp: 18966

Ion Ratio Lower Upper

56 100

55 71.4 56.8 85.2



#14

Allyl chloride

Concen: 19.076 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

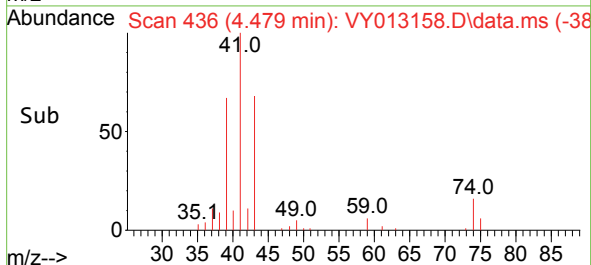
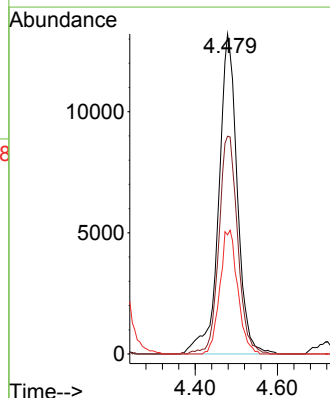
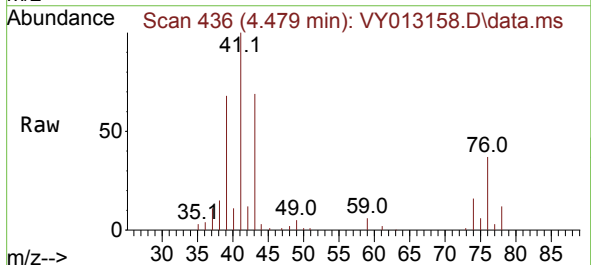
Tgt Ion: 41 Resp: 41266

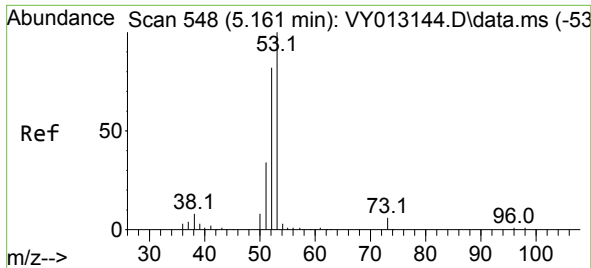
Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

76 37.3 27.2 40.8

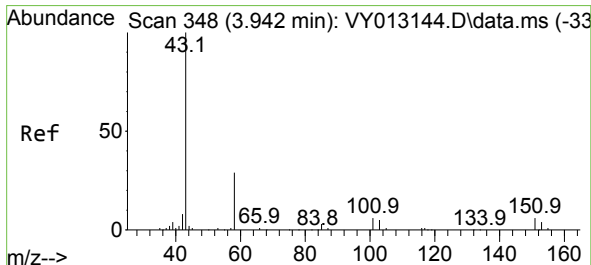
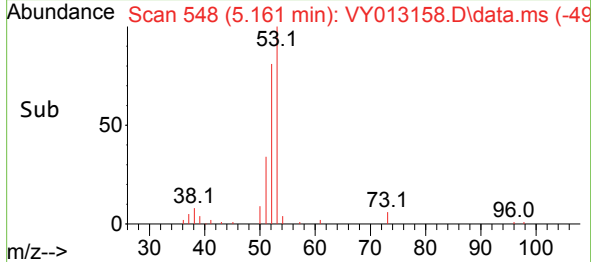
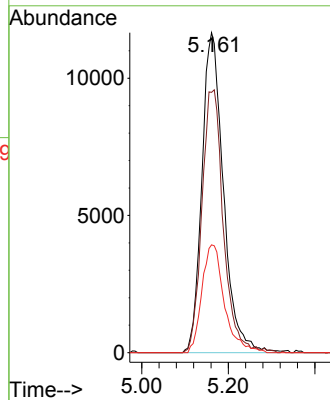
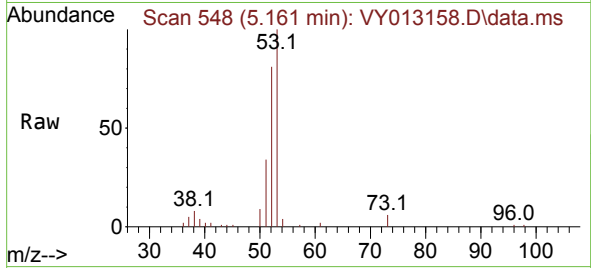




#15
Acrylonitrile
Concen: 108.352 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

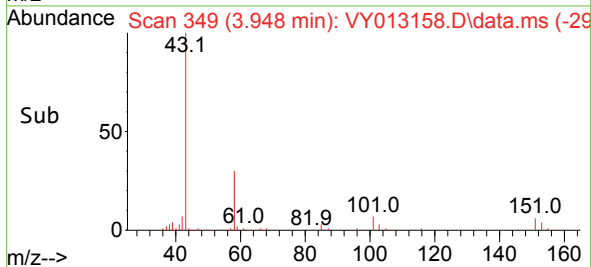
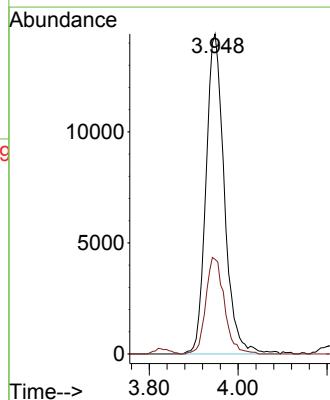
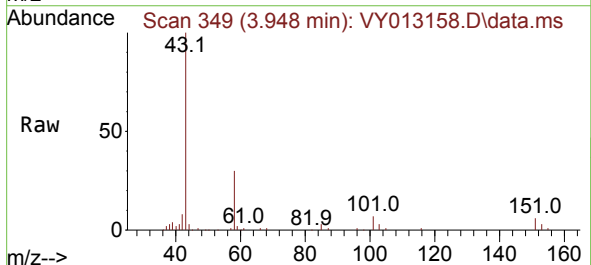
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

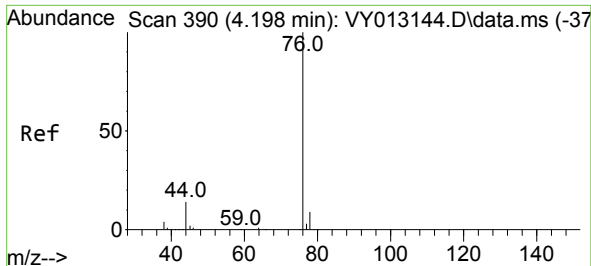
Tgt Ion: 53	Resp:	40276
Ion	Ratio	Lower Upper
53	100	
52	81.4	66.3 99.5
51	35.2	28.8 43.2



#16
Acetone
Concen: 96.547 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 43	Resp:	41433
Ion	Ratio	Lower Upper
43	100	
58	29.6	24.2 36.2

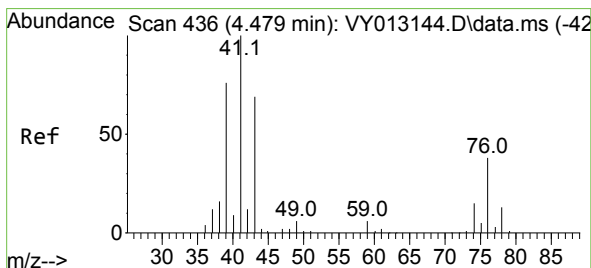
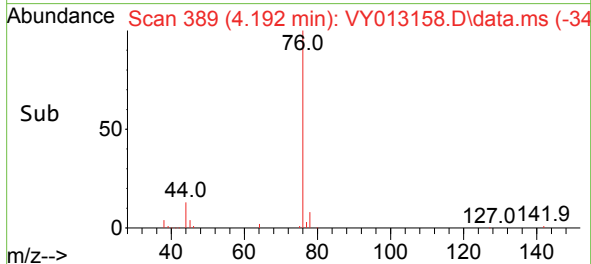
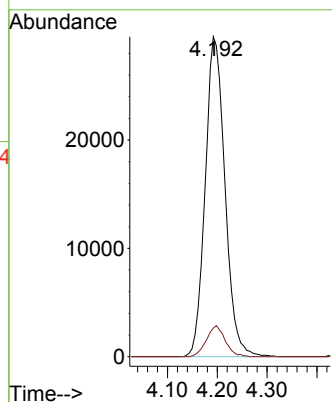
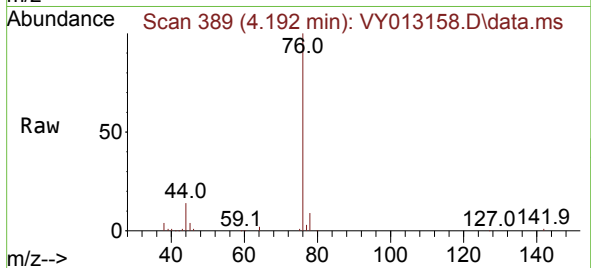




#17
Carbon Disulfide
Concen: 19.213 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

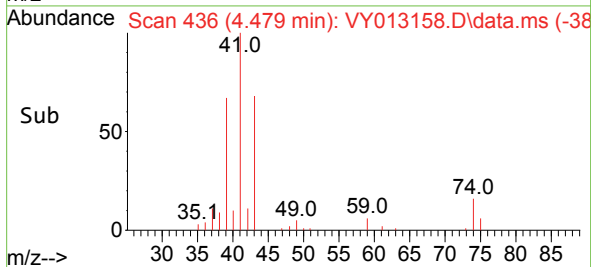
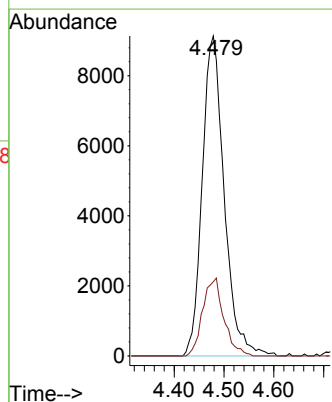
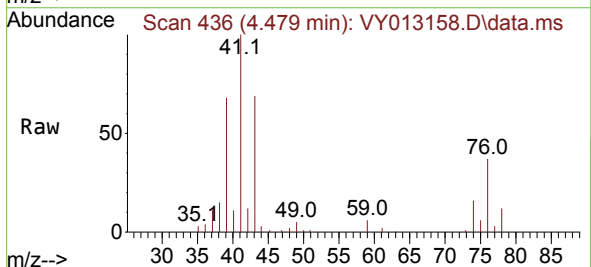
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

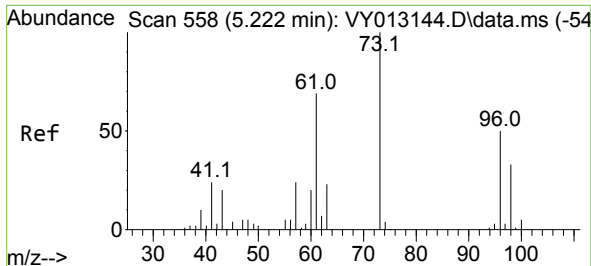
Tgt Ion: 76 Resp: 81235
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.674 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 43 Resp: 27956
Ion Ratio Lower Upper
43 100
74 23.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.345 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

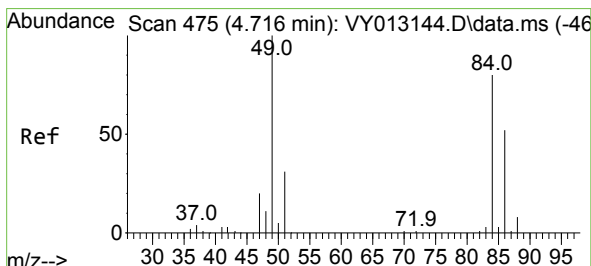
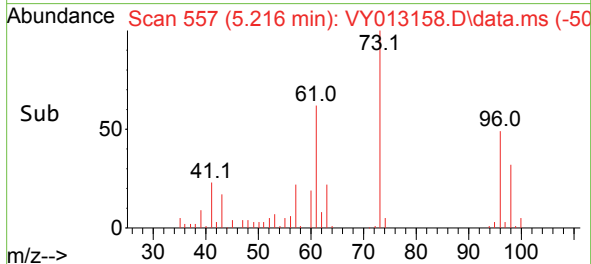
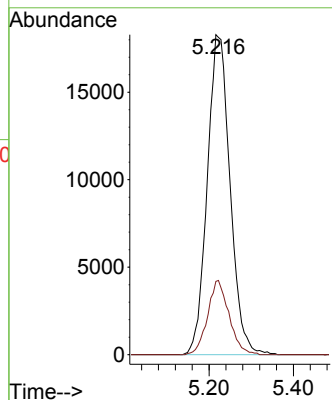
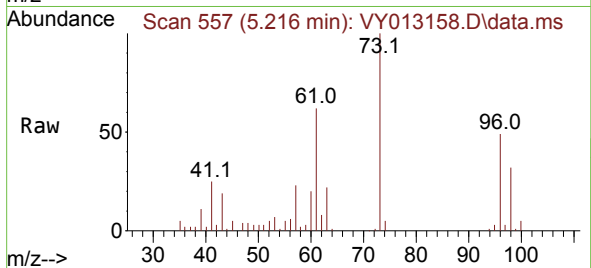
VY0331SBS01

Tgt Ion: 73 Resp: 68671

Ion Ratio Lower Upper

73 100

57 22.9 18.3 27.5



#20

Methylene Chloride

Concen: 19.682 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Tgt Ion: 84 Resp: 33983

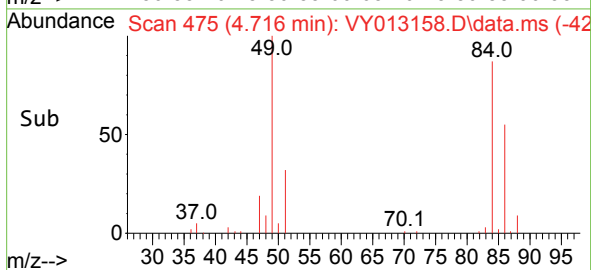
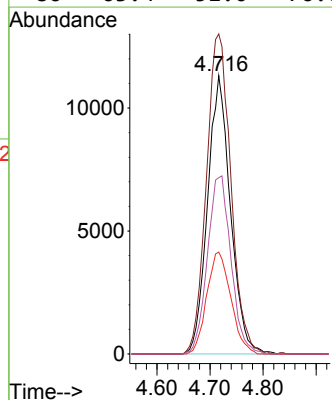
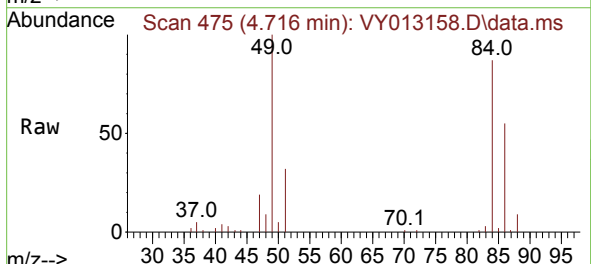
Ion Ratio Lower Upper

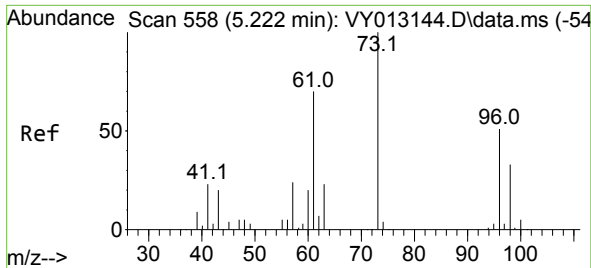
84 100

49 115.0 102.6 154.0

51 36.6 31.9 47.9

86 63.4 51.0 76.6

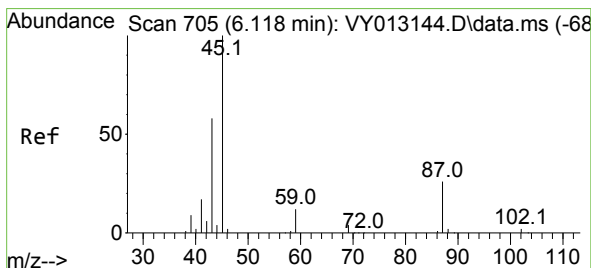
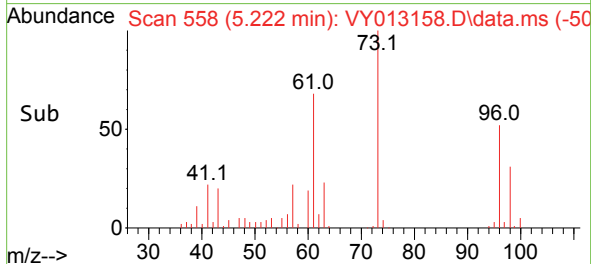
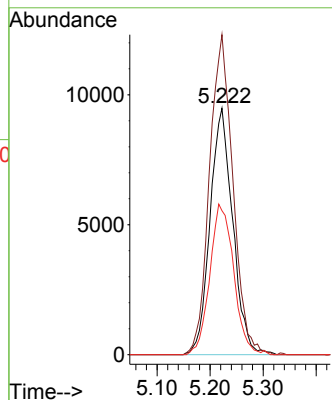
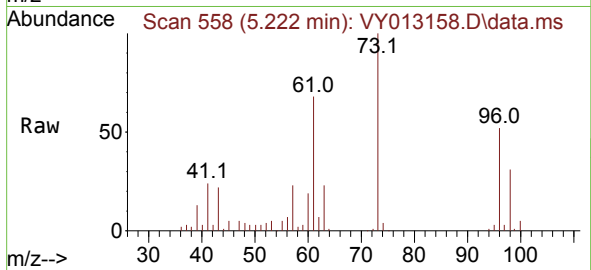




#21
trans-1,2-Dichloroethene
Concen: 19.744 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

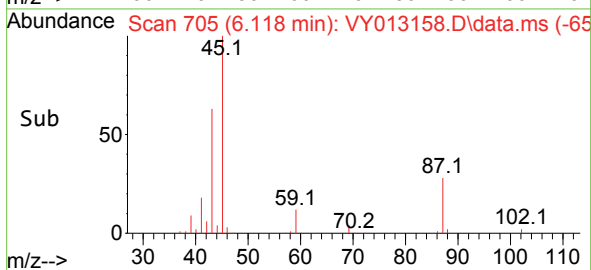
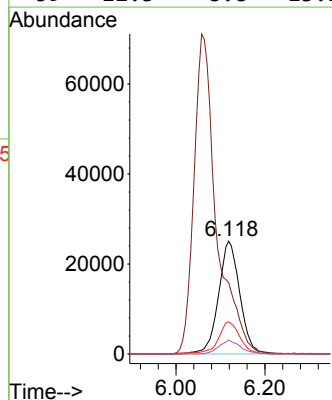
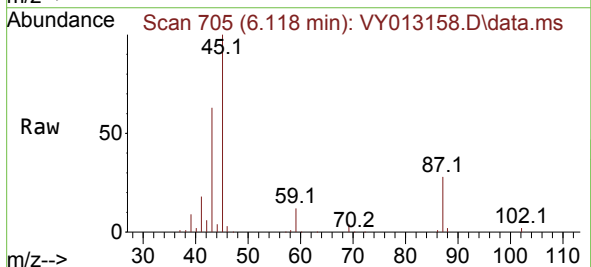
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

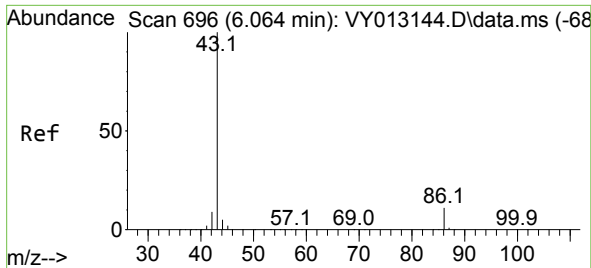
Tgt Ion: 96 Resp: 28243
Ion Ratio Lower Upper
96 100
61 129.9 111.4 167.0
98 58.4 50.8 76.2



#22
Diisopropyl ether
Concen: 19.665 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 45 Resp: 83111
Ion Ratio Lower Upper
45 100
43 62.5 45.0 67.6
87 28.5 20.3 30.5
59 12.3 8.8 13.2

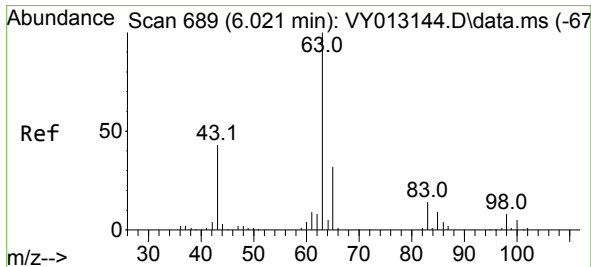
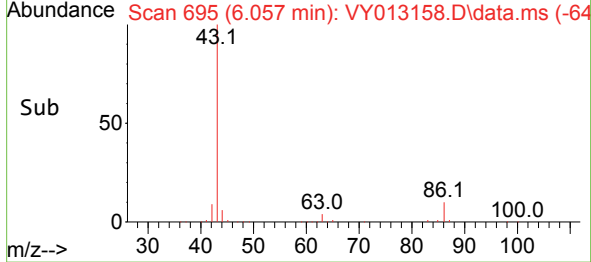
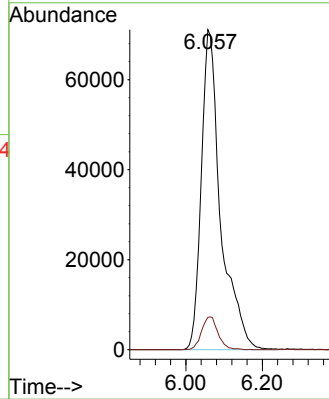
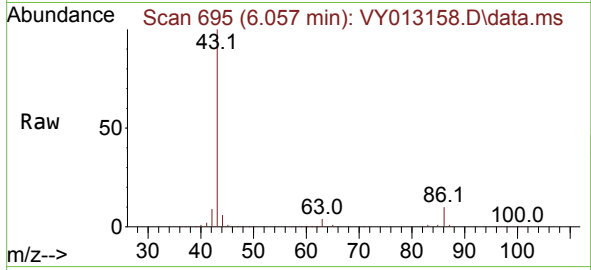




#23
 Vinyl Acetate
 Concen: 103.946 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

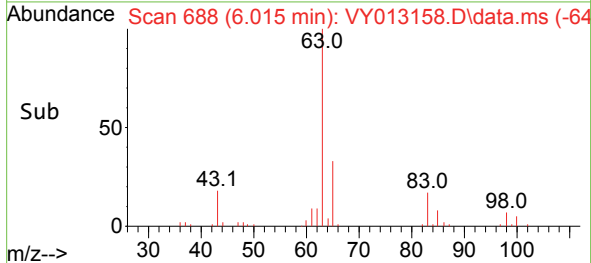
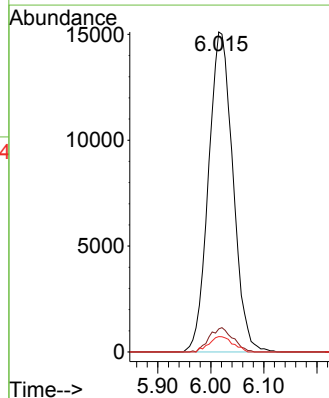
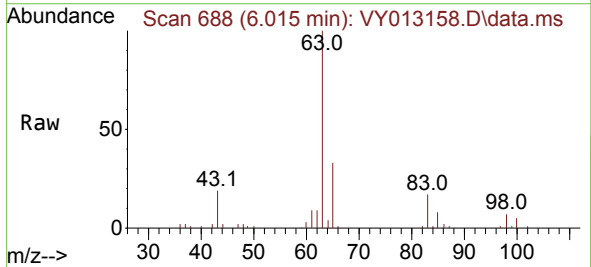
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

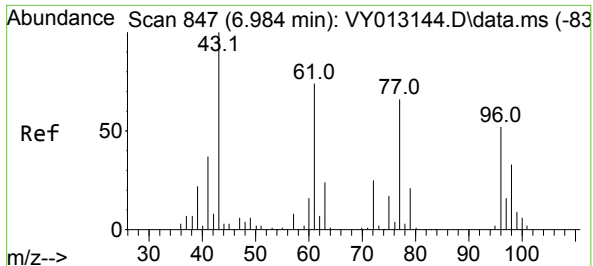
Tgt Ion: 43 Resp: 249822
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.287 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

Tgt Ion: 63 Resp: 48277
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.8 2.3 6.8





#25

2-Butanone

Concen: 104.693 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

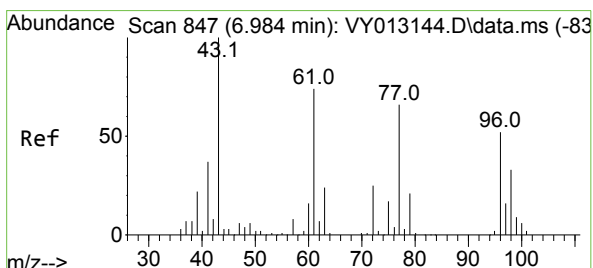
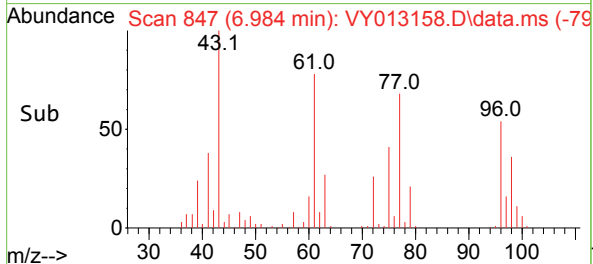
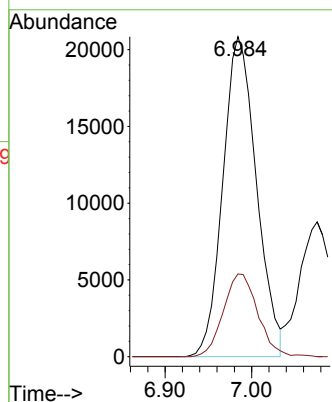
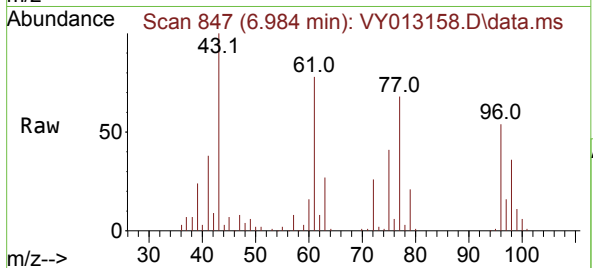
VY0331SBS01

Tgt Ion: 43 Resp: 56179

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.4



#26

2,2-Dichloropropane

Concen: 19.843 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013158.D

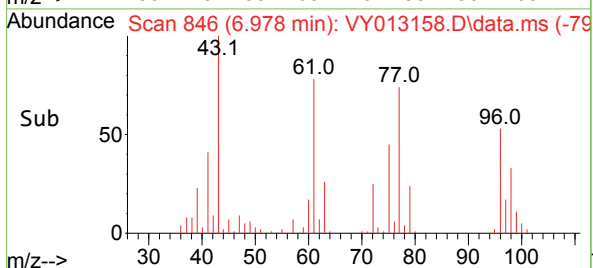
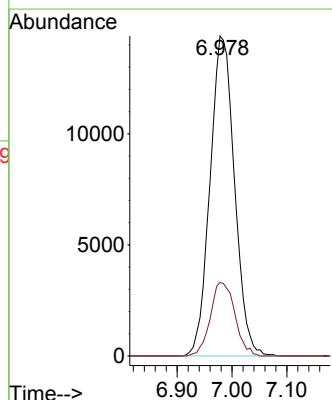
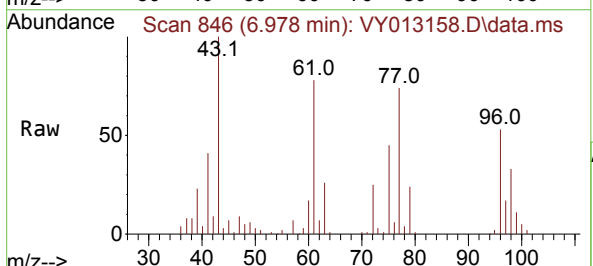
Acq: 31 Mar 2023 11:14

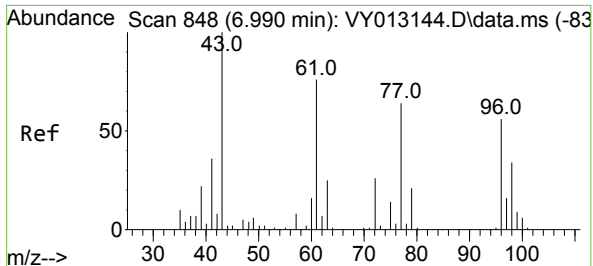
Tgt Ion: 77 Resp: 44674

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0

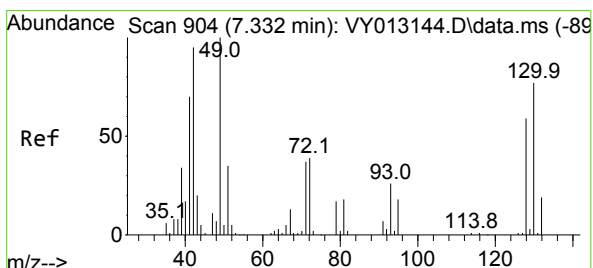
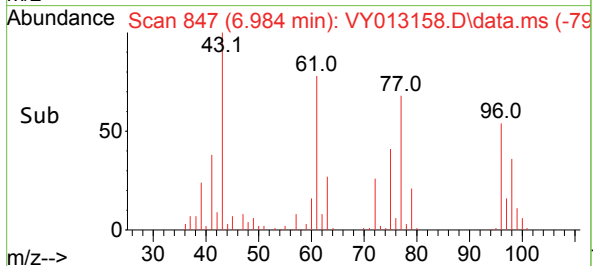
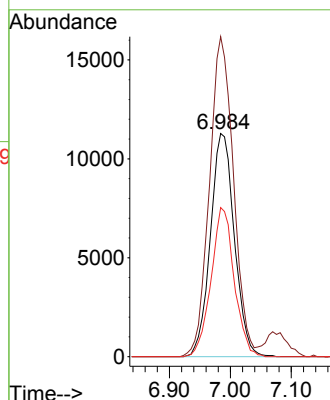
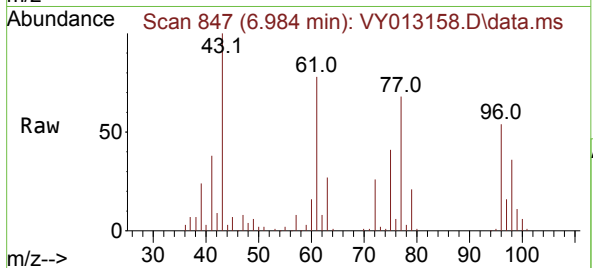




#27
cis-1,2-Dichloroethene
Concen: 20.014 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

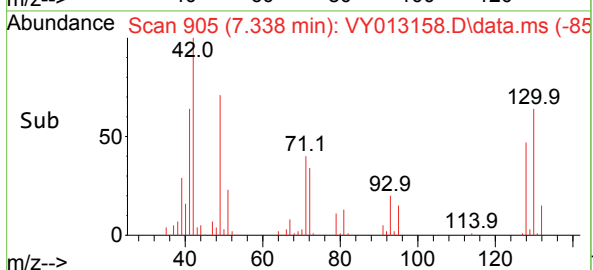
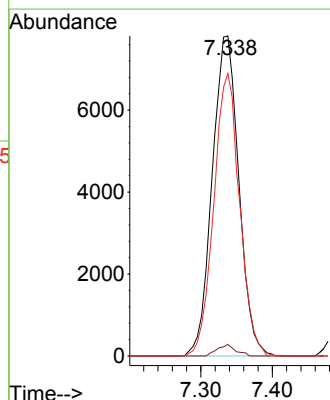
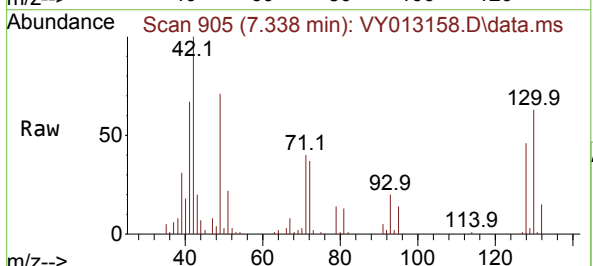
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

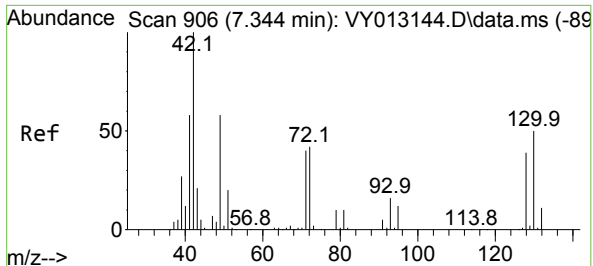
Tgt Ion: 96 Resp: 30843
Ion Ratio Lower Upper
96 100
61 144.2 0.0 295.8
98 64.4 0.0 130.2



#28
Bromochloromethane
Concen: 18.774 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 49 Resp: 20164
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.2
130 85.5 60.5 90.7





#29

Tetrahydrofuran

Concen: 110.495 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

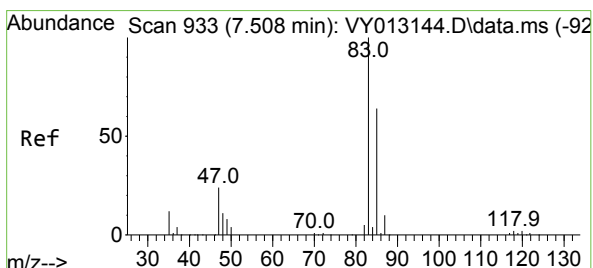
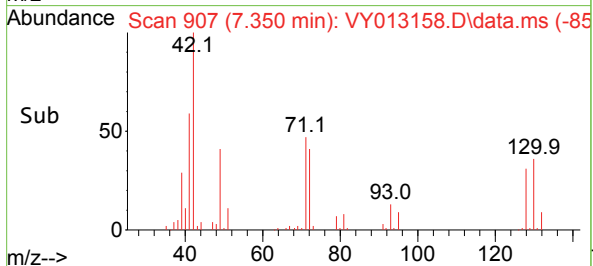
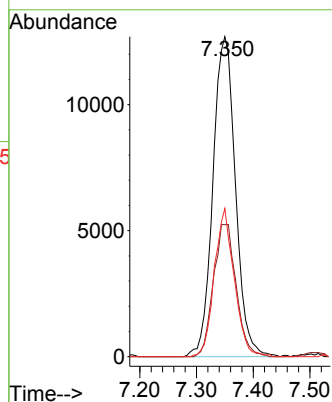
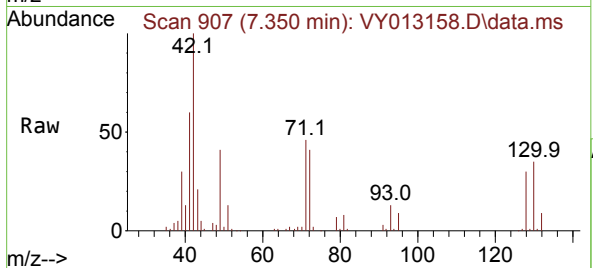
Tgt Ion: 42 Resp: 35099

Ion Ratio Lower Upper

42 100

72 41.6 32.3 48.5

71 41.0 30.3 45.5



#30

Chloroform

Concen: 19.612 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013158.D

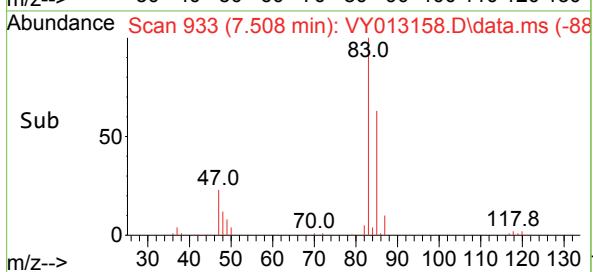
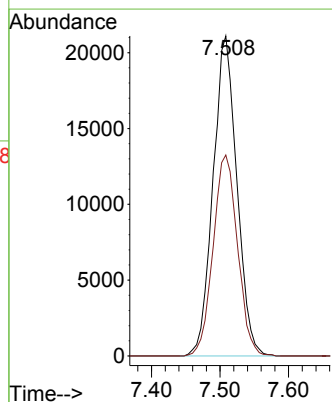
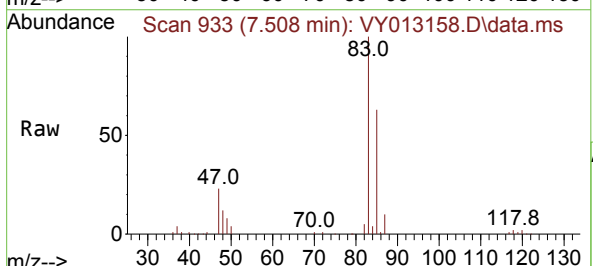
Acq: 31 Mar 2023 11:14

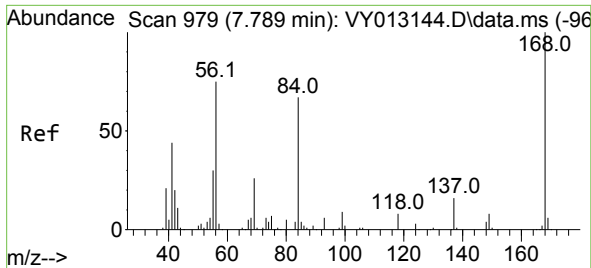
Tgt Ion: 83 Resp: 50836

Ion Ratio Lower Upper

83 100

85 62.8 51.4 77.0

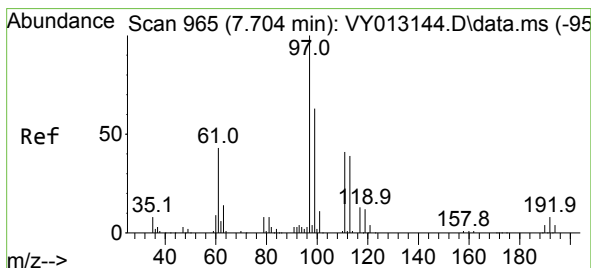
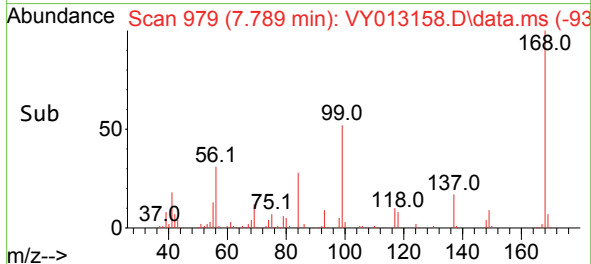
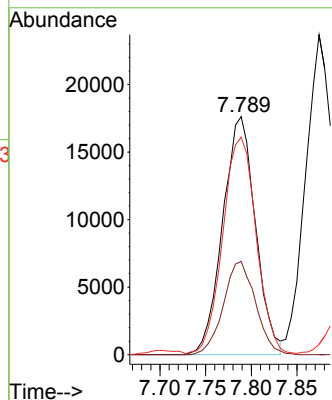
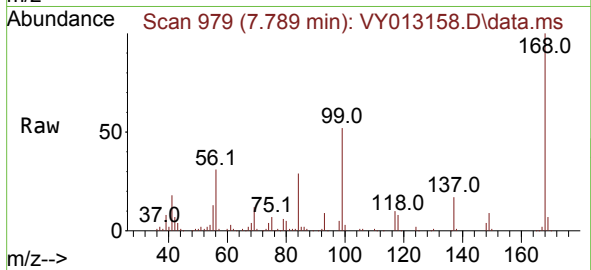




#31
Cyclohexane
Concen: 19.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

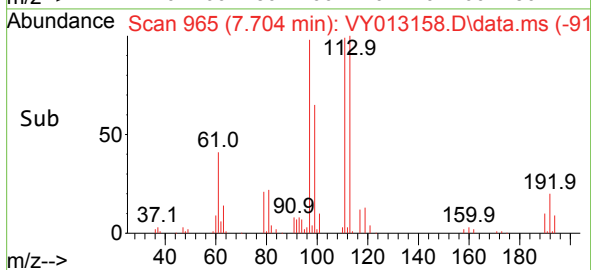
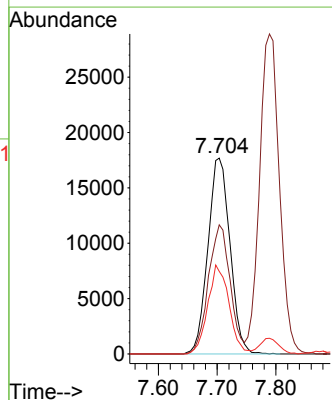
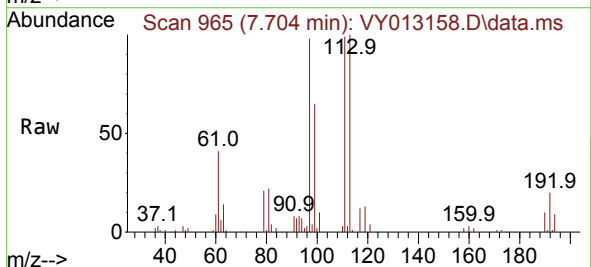
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

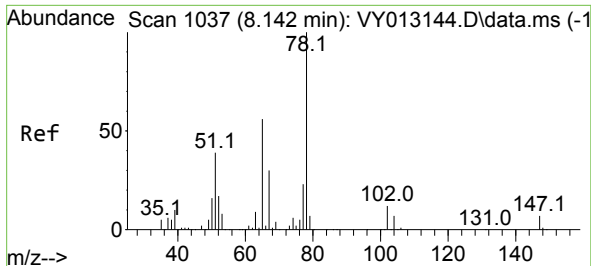
Tgt Ion: 56 Resp: 43968
Ion Ratio Lower Upper
56 100
69 39.2 25.7 38.5#
84 89.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.151 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 97 Resp: 46181
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.6
61 43.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.631 ug/l

RT: 8.142 min Scan# 11057

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

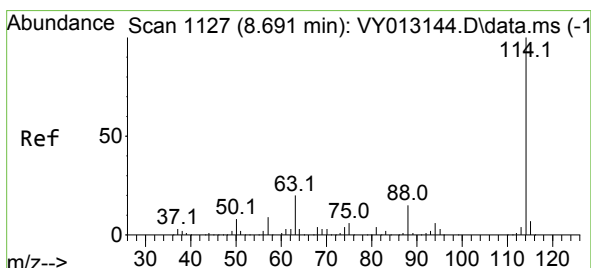
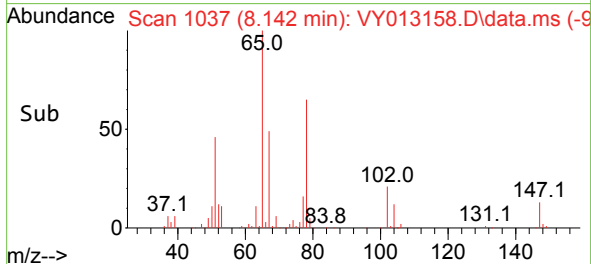
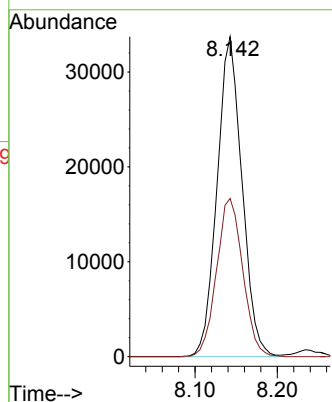
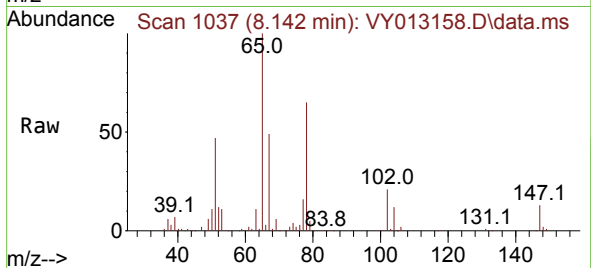
VY0331SBS01

Tgt Ion: 65 Resp: 71057

Ion Ratio Lower Upper

65 100

67 52.0 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: VY013158.D

Acq: 31 Mar 2023 11:14

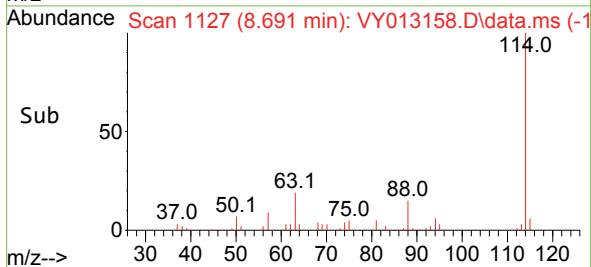
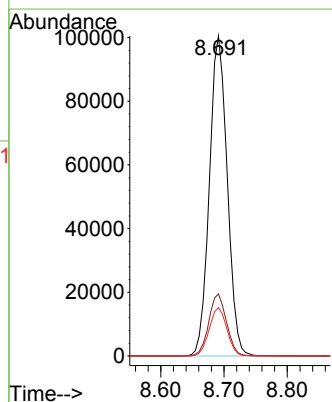
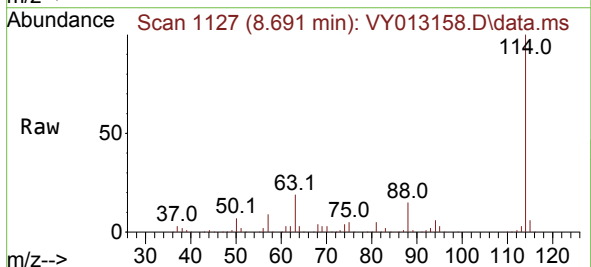
Tgt Ion:114 Resp: 196979

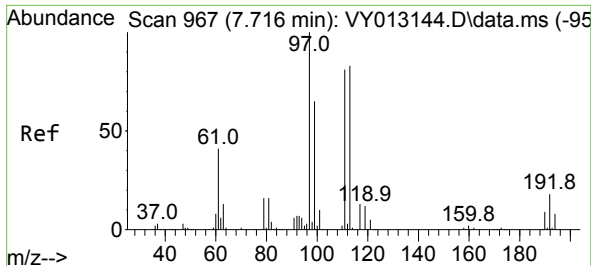
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.1 0.0 28.6

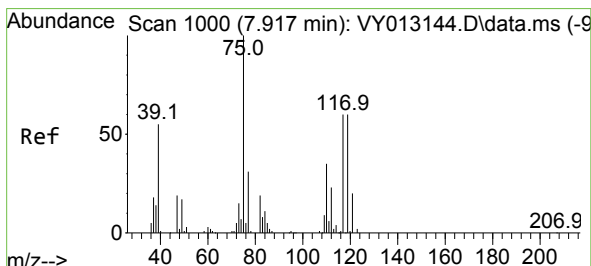
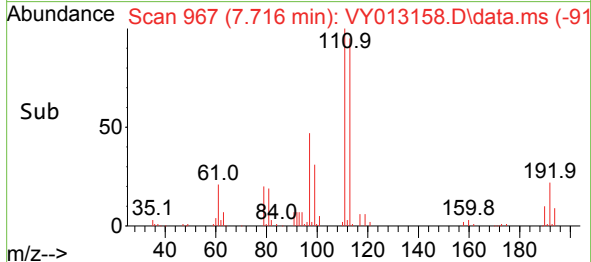
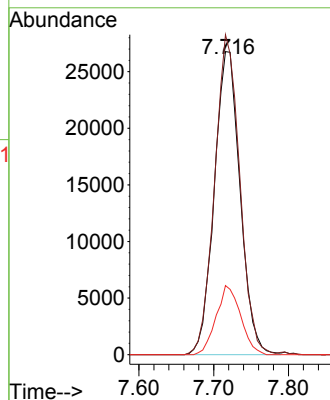
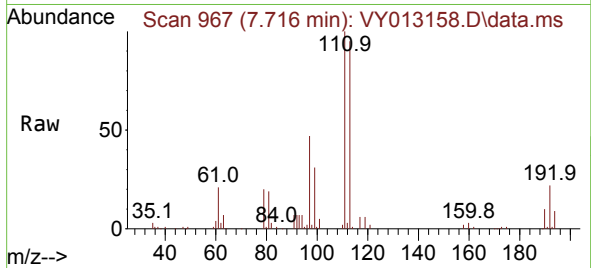




#35
Dibromofluoromethane
Concen: 50.033 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

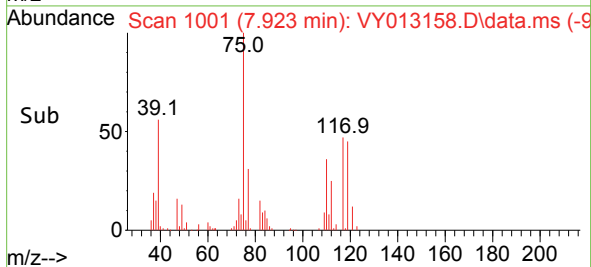
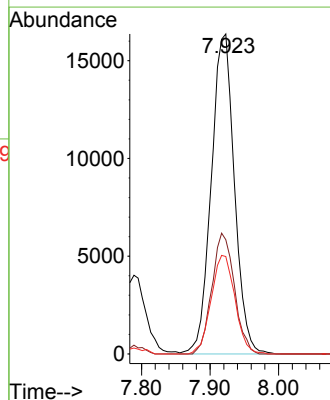
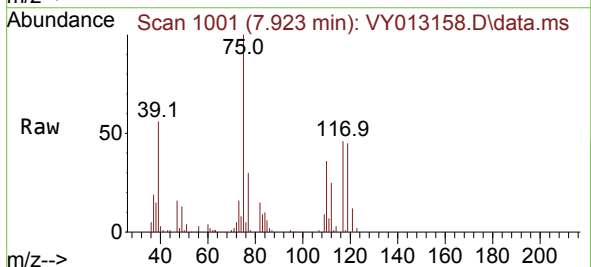
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

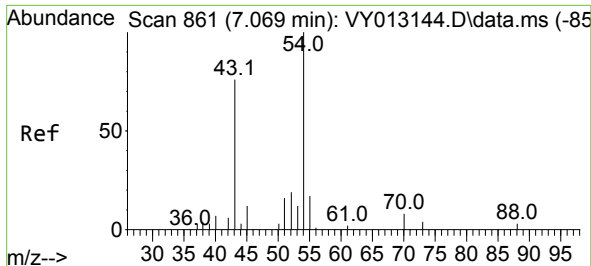
Tgt Ion:113 Resp: 64383
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 21.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.845 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 75 Resp: 38444
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.3
77 31.7 25.0 37.4





#37

Ethyl Acetate

Concen: 22.577 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

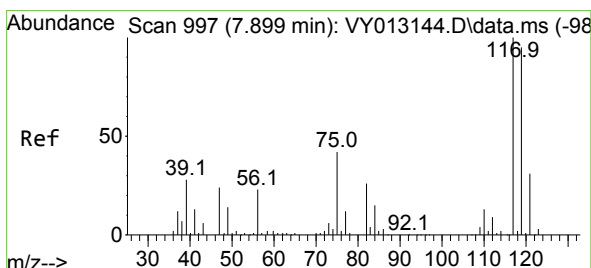
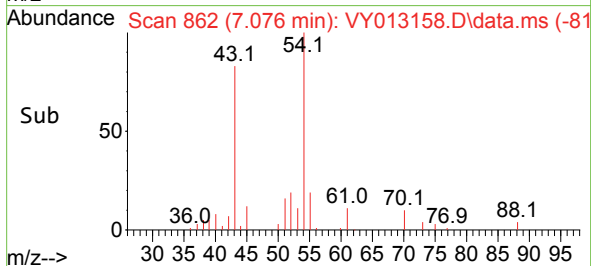
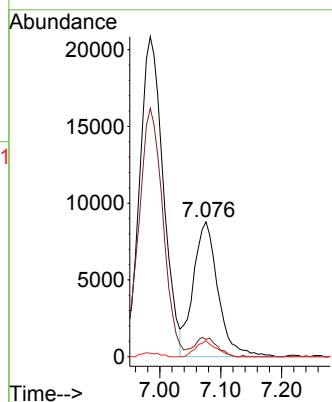
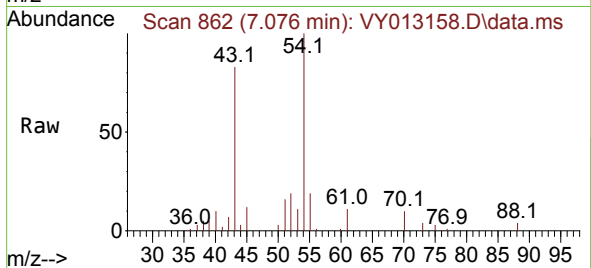
Tgt Ion: 43 Resp: 24845

Ion Ratio Lower Upper

43 100

61 12.7 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.234 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

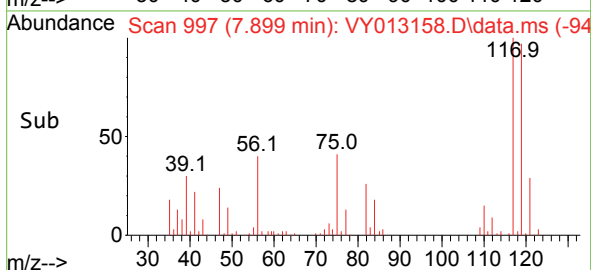
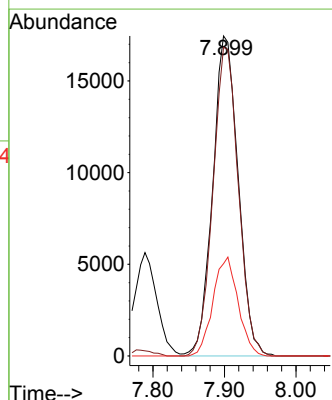
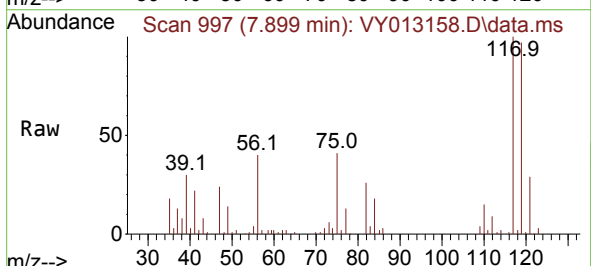
Tgt Ion:117 Resp: 43250

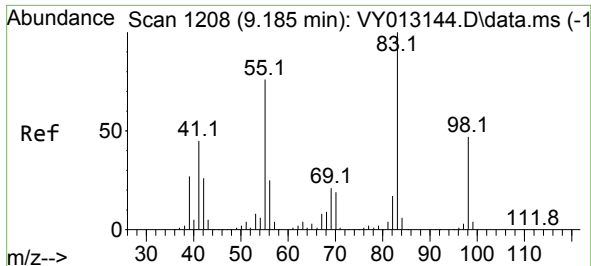
Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8

121 28.9 24.7 37.1





#39

Methylcyclohexane

Concen: 19.846 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

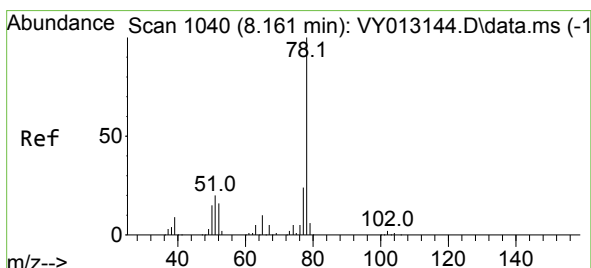
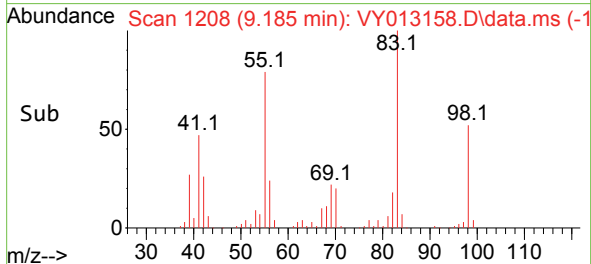
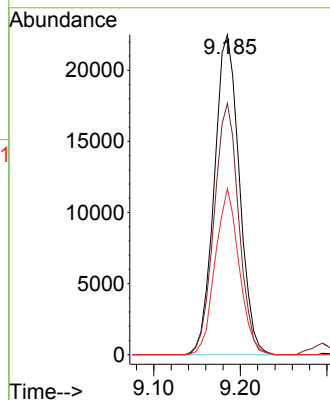
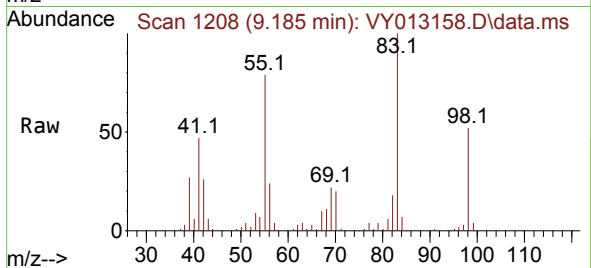
Tgt Ion: 83 Resp: 45103

Ion Ratio Lower Upper

83 100

55 78.5 60.0 90.0

98 51.9 38.3 57.5



#40

Benzene

Concen: 19.823 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013158.D

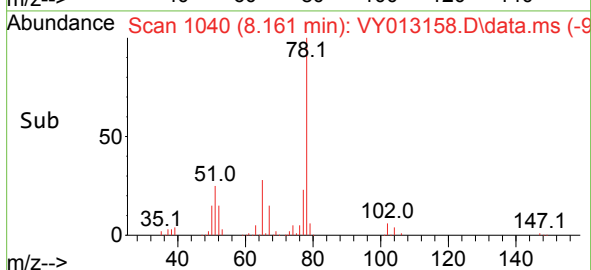
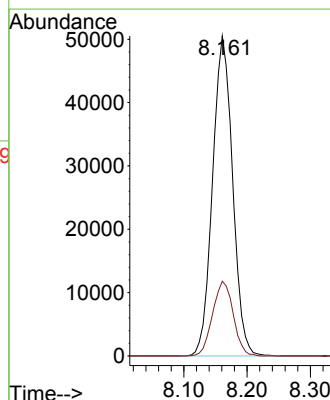
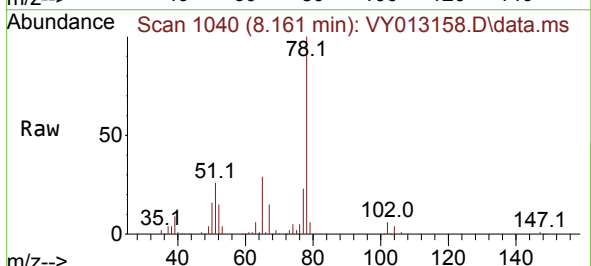
Acq: 31 Mar 2023 11:14

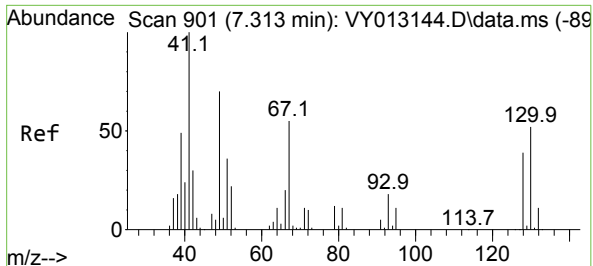
Tgt Ion: 78 Resp: 110913

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

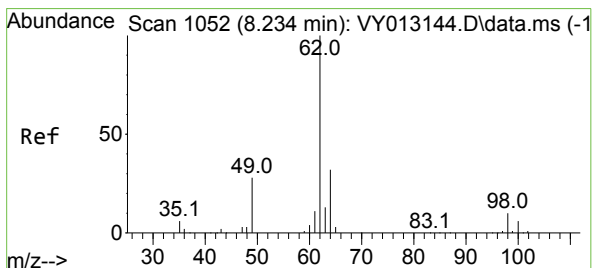
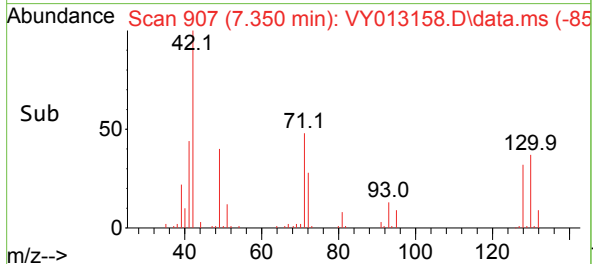
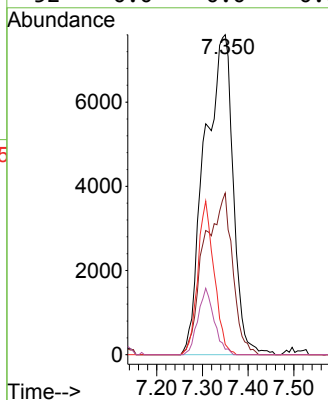
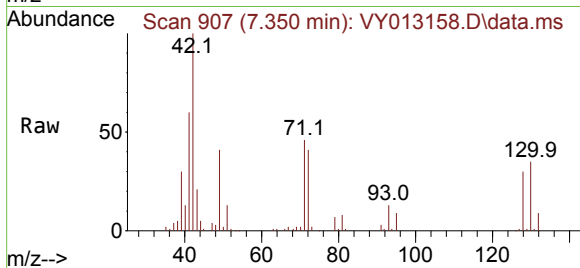




#41
Methacrylonitrile
Concen: 67.172 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

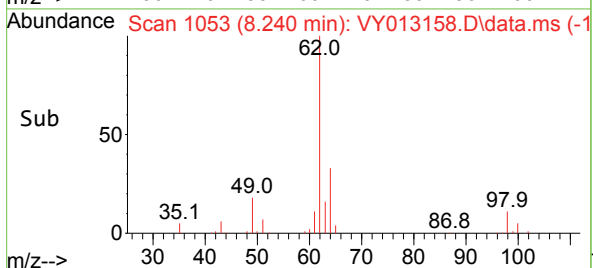
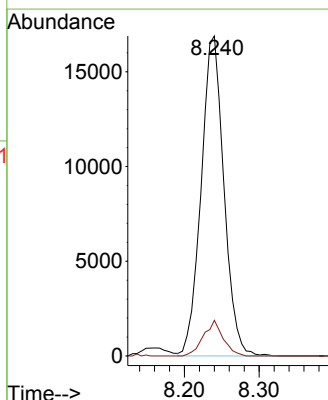
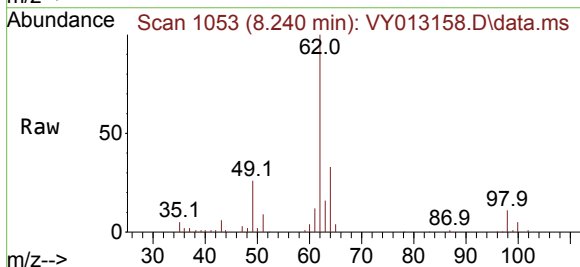
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

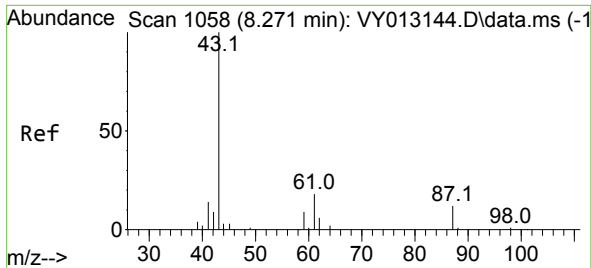
Tgt Ion:	41	Resp:	32793
Ion	Ratio	Lower	Upper
41	100		
39	50.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.868 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:	62	Resp:	35772
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8

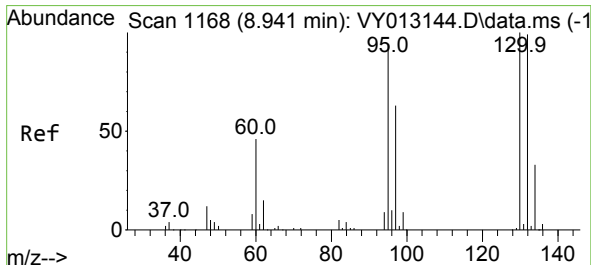
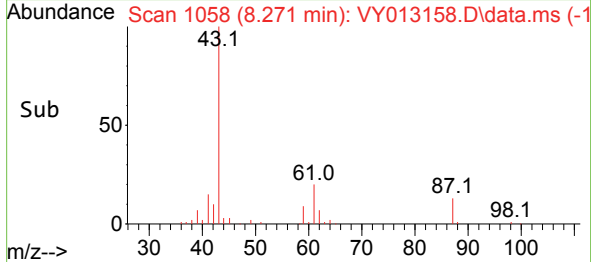
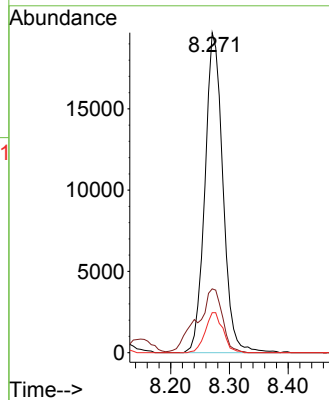
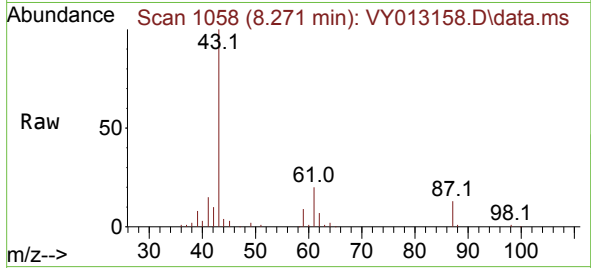




#43
Isopropyl Acetate
Concen: 21.261 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

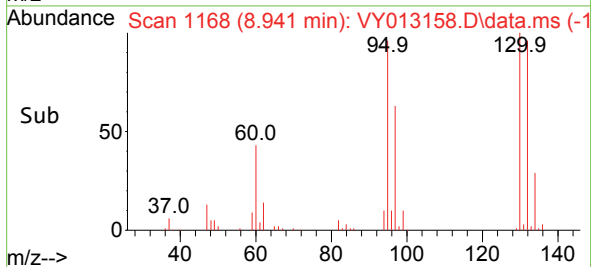
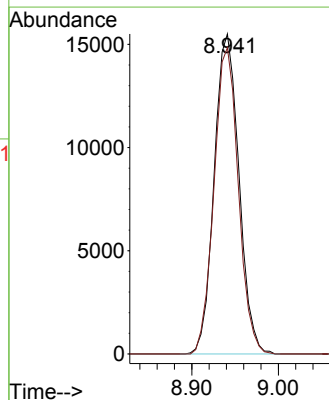
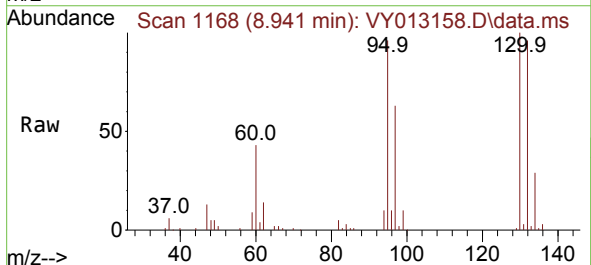
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

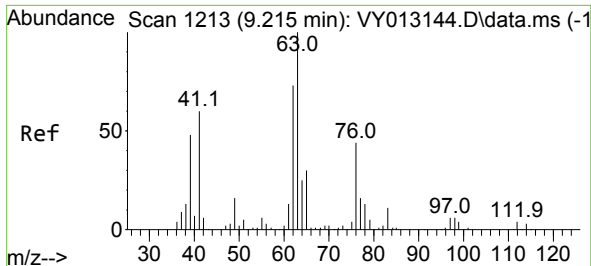
Tgt Ion:	43	Resp:	41880
Ion	Ratio	Lower	Upper
43	100		
61	28.2	21.6	32.4
87	12.4	9.9	14.9



#44
Trichloroethene
Concen: 19.960 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:	130	Resp:	30743
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.507 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

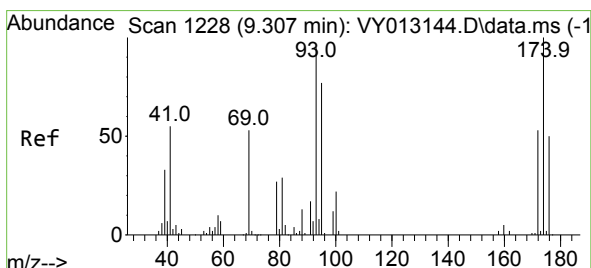
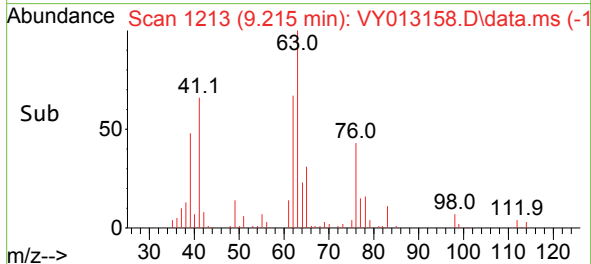
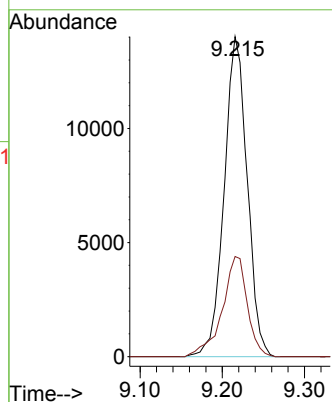
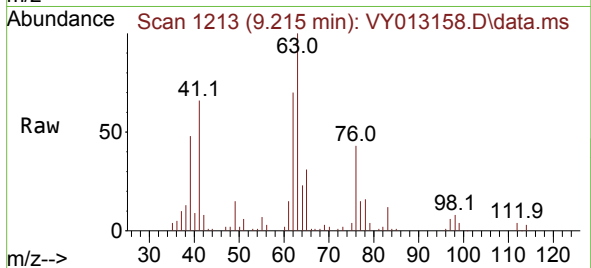
VY0331SBS01

Tgt Ion: 63 Resp: 27330

Ion Ratio Lower Upper

63 100

65 31.3 25.7 38.5



#46

Dibromomethane

Concen: 20.740 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

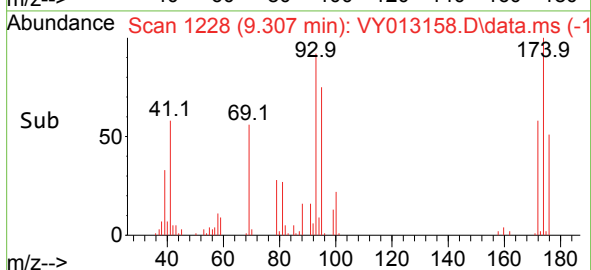
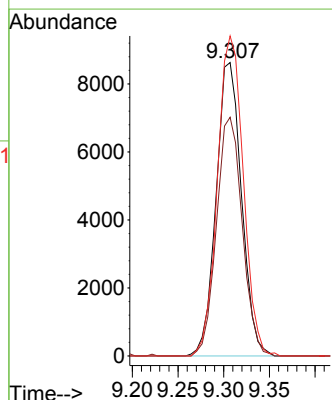
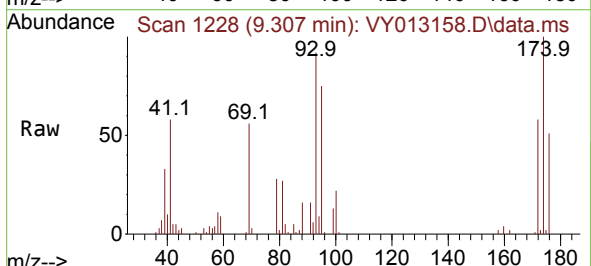
Tgt Ion: 93 Resp: 16693

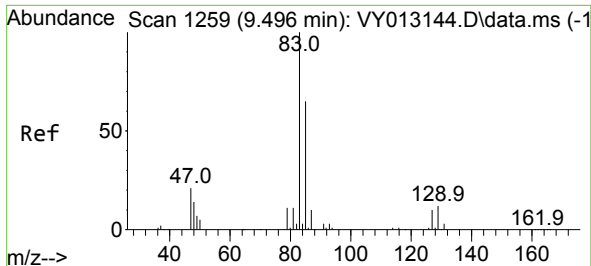
Ion Ratio Lower Upper

93 100

95 82.5 65.6 98.4

174 111.1 81.3 121.9

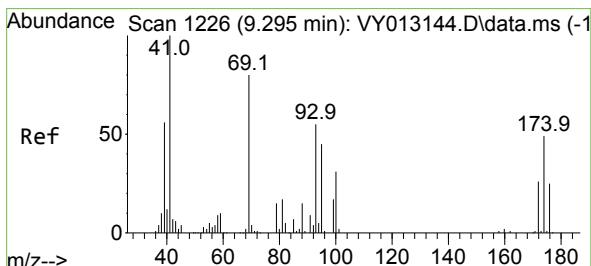
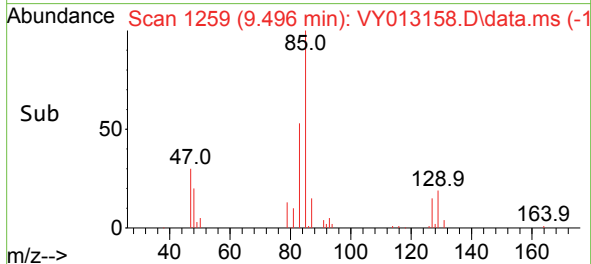
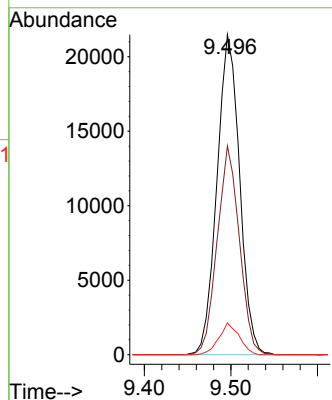
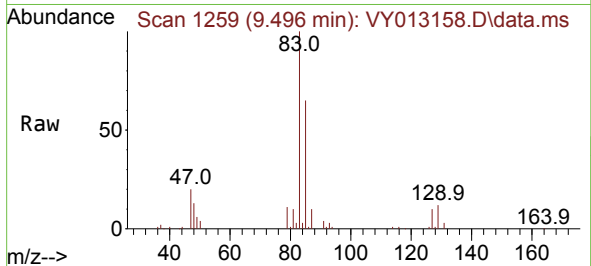




#47
Bromodichloromethane
Concen: 20.109 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

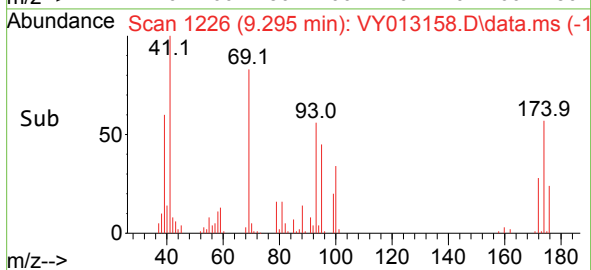
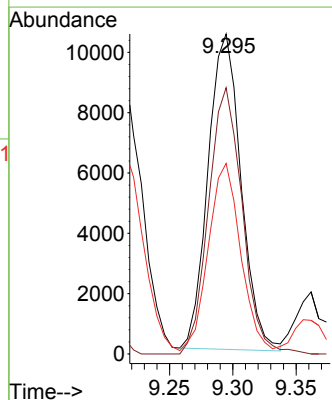
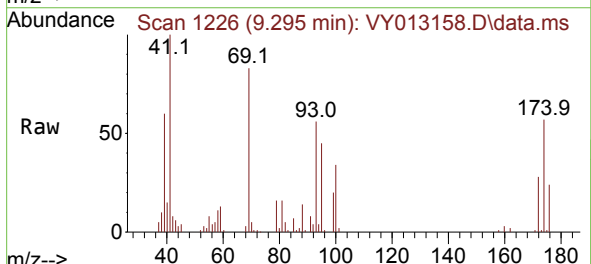
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

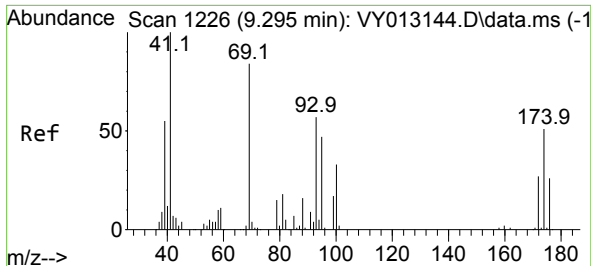
Tgt Ion: 83 Resp: 39052
Ion Ratio Lower Upper
83 100
85 65.2 50.2 75.4
127 9.9 6.3 9.5#



#48
Methyl methacrylate
Concen: 20.669 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 41 Resp: 18961
Ion Ratio Lower Upper
41 100
69 86.0 64.1 96.1
39 58.0 44.0 66.0





#49

1,4-Dioxane

Concen: 480.837 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

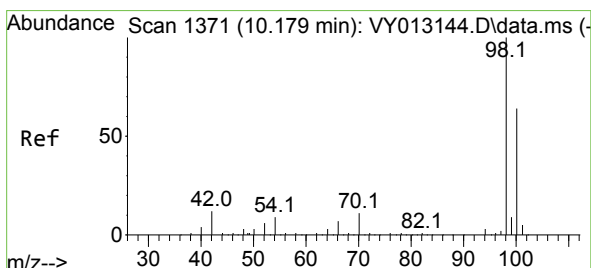
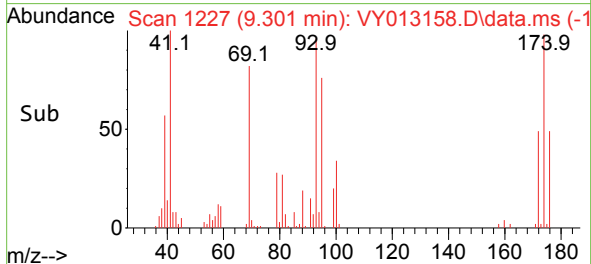
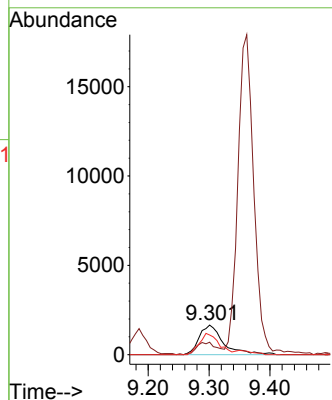
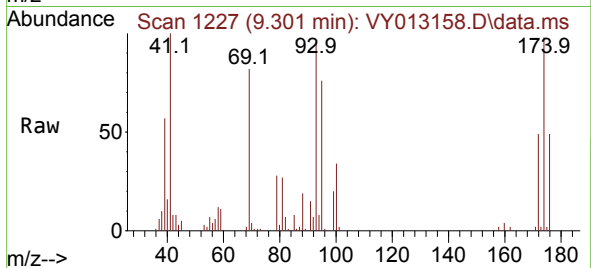
Tgt Ion: 88 Resp: 4604

Ion Ratio Lower Upper

88 100

43 36.0 28.6 42.8

58 57.7 55.2 82.8



#50

Toluene-d8

Concen: 50.029 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013158.D

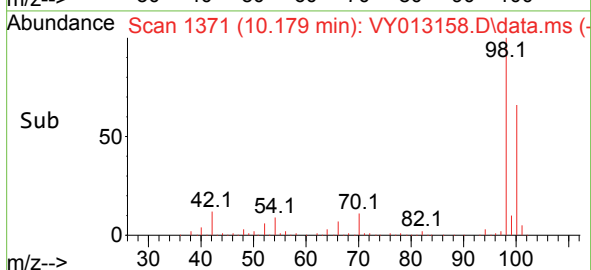
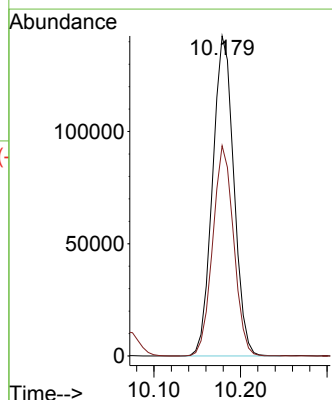
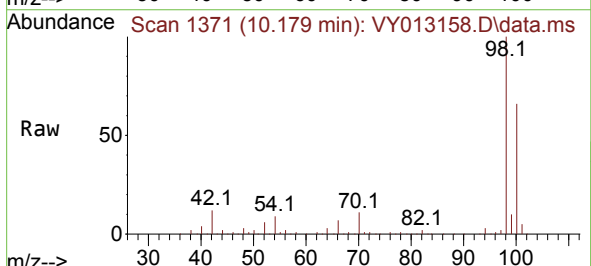
Acq: 31 Mar 2023 11:14

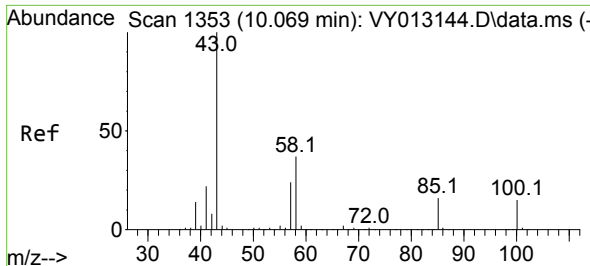
Tgt Ion: 98 Resp: 243034

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 110.832 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

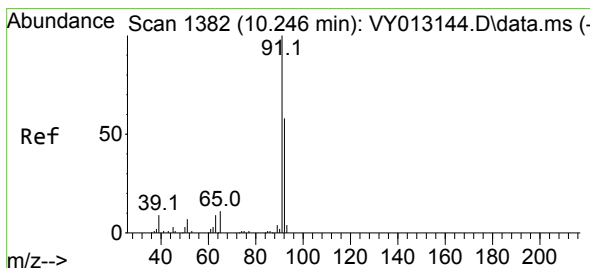
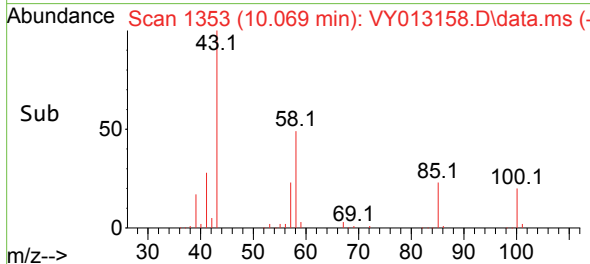
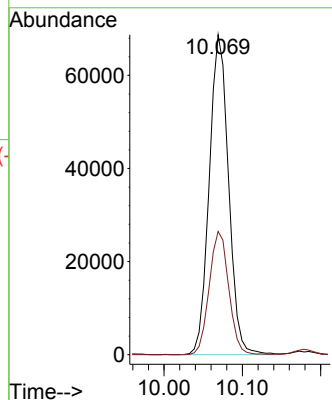
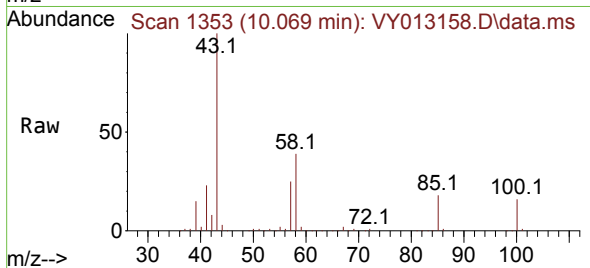
VY0331SBS01

Tgt Ion: 43 Resp: 117822

Ion Ratio Lower Upper

43 100

58 38.9 29.8 44.6



#52

Toluene

Concen: 20.294 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013158.D

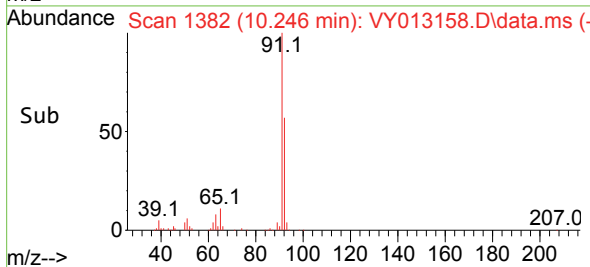
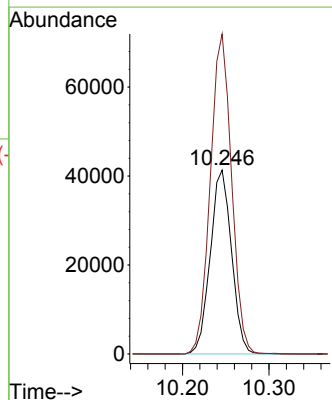
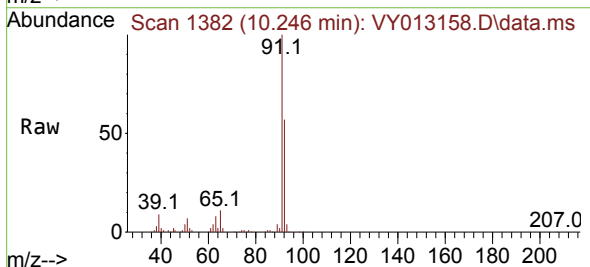
Acq: 31 Mar 2023 11:14

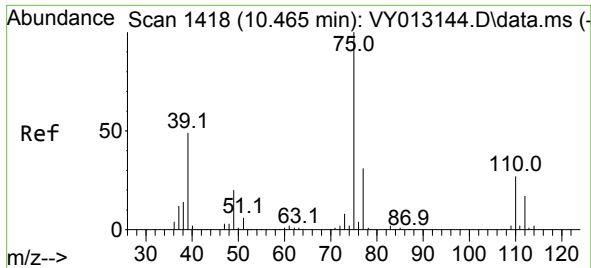
Tgt Ion: 92 Resp: 70434

Ion Ratio Lower Upper

92 100

91 174.0 141.3 211.9

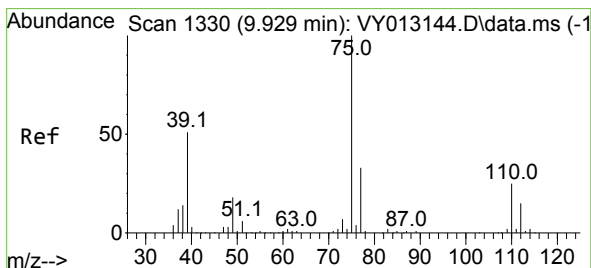
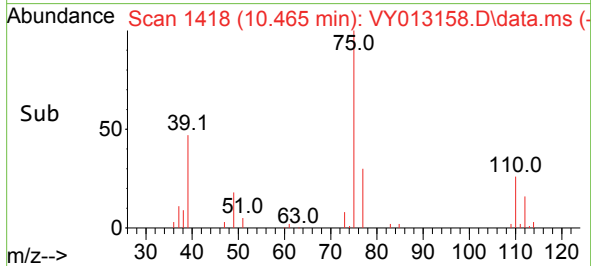
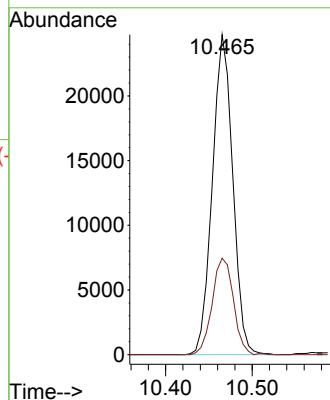
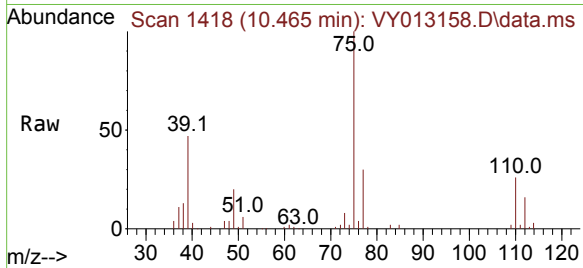




#53
 t-1,3-Dichloropropene
 Concen: 20.385 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

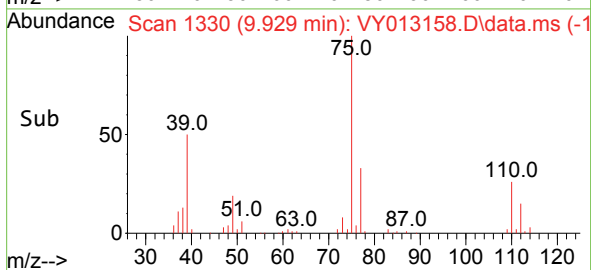
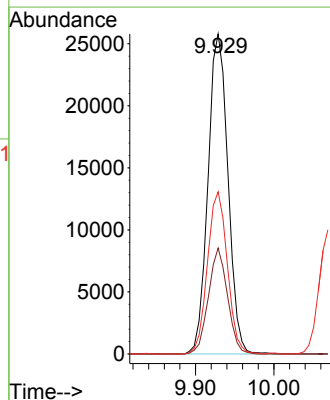
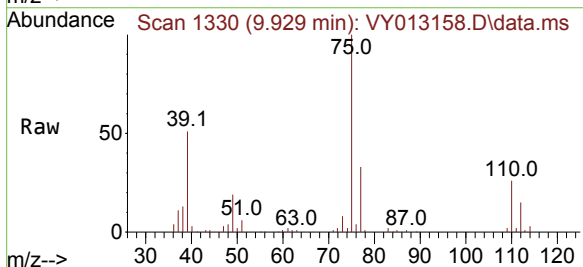
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

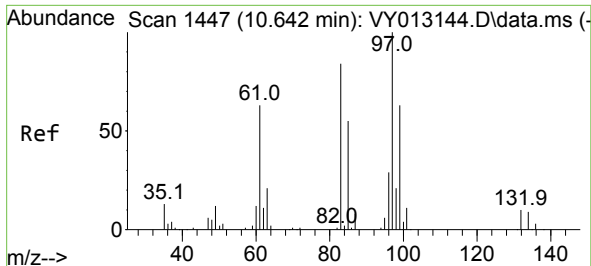
Tgt Ion: 75 Resp: 40465
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.140 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

Tgt Ion: 75 Resp: 45659
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0
 39 50.7 39.0 58.4

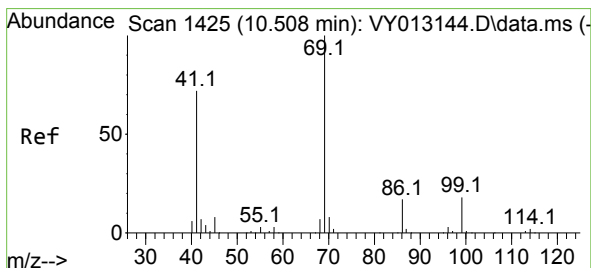
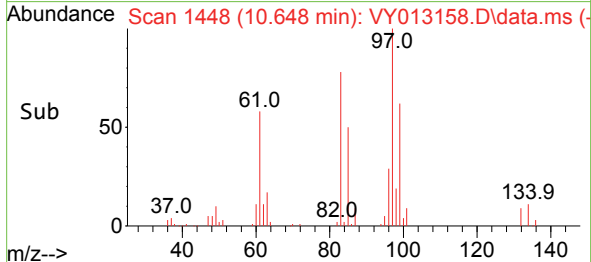
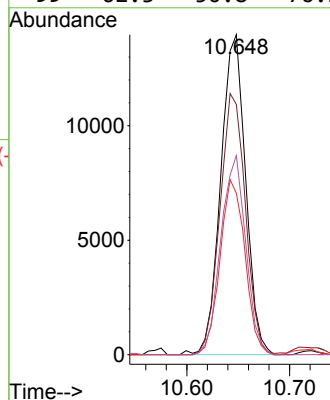
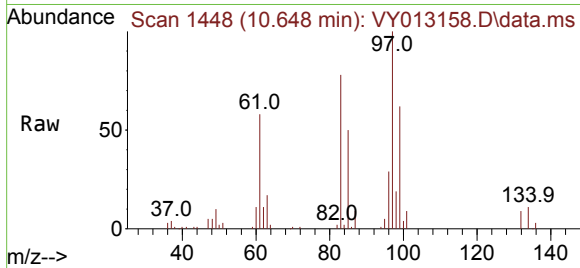




#55
1,1,2-Trichloroethane
Concen: 21.131 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

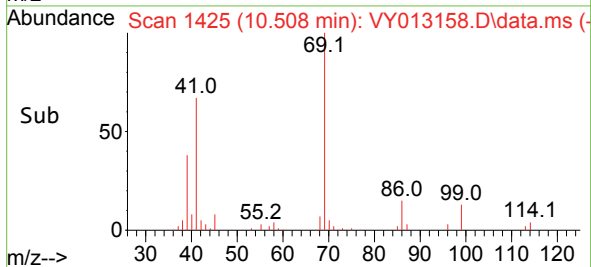
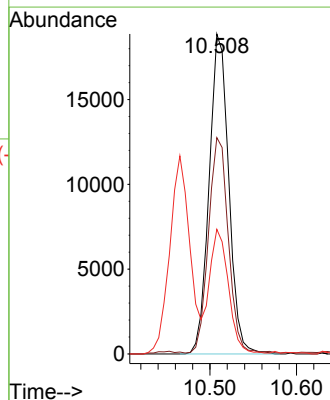
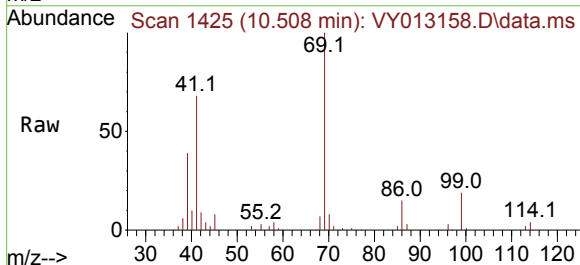
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

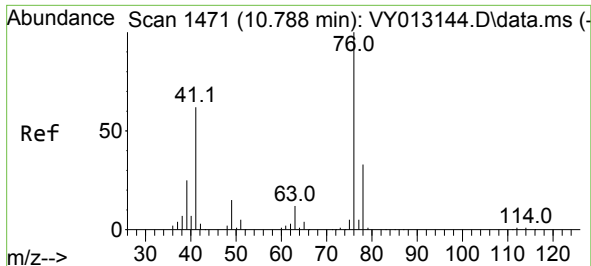
Tgt Ion: 97	Resp: 23509
Ion Ratio	Lower Upper
97 100	
83 78.2	69.0 103.6
85 50.5	44.9 67.3
99 62.3	50.8 76.2



#56
Ethyl methacrylate
Concen: 21.200 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 69	Resp: 29654
Ion Ratio	Lower Upper
69 100	
41 68.0	56.4 84.6
39 37.3	30.8 46.2

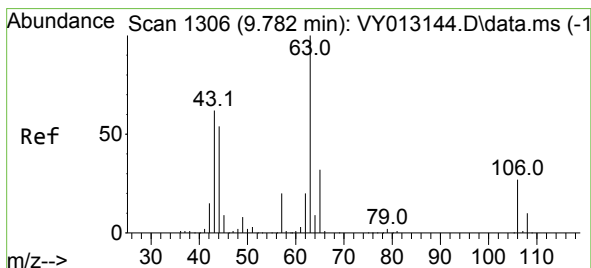
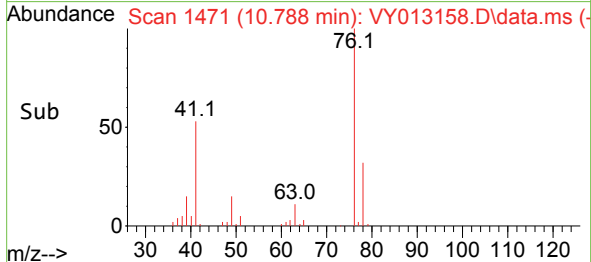
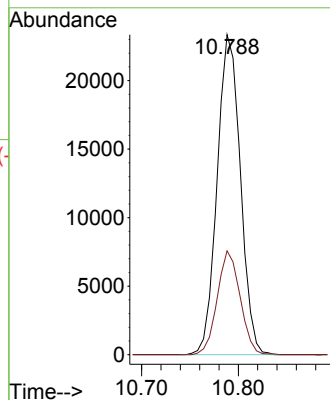
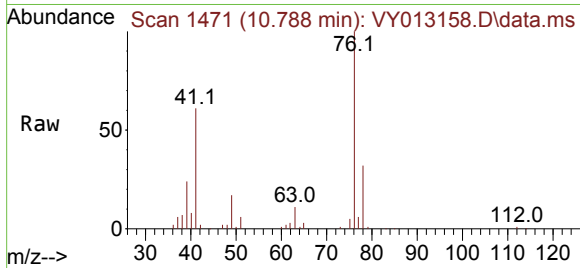




#57
1,3-Dichloropropane
Concen: 20.736 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

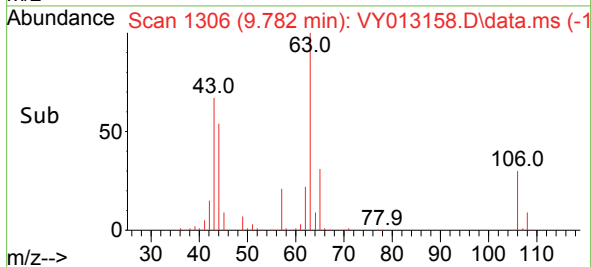
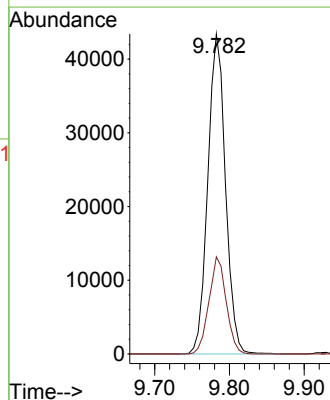
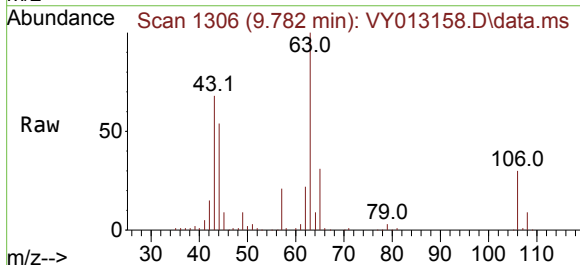
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

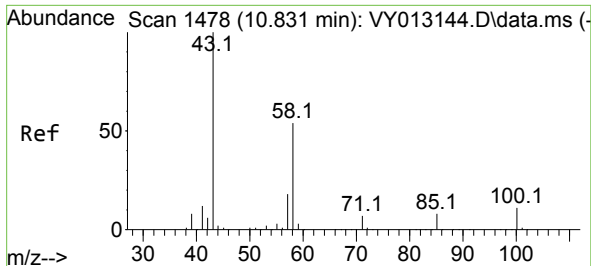
Tgt Ion: 76 Resp: 38946
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 108.915 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 63 Resp: 71237
Ion Ratio Lower Upper
63 100
106 29.7 22.1 33.1

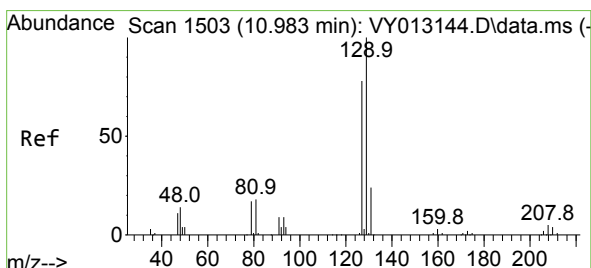
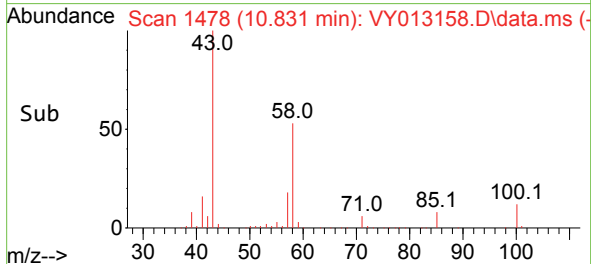
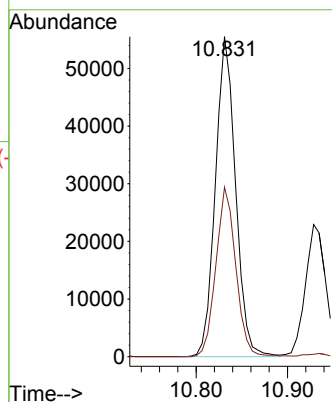
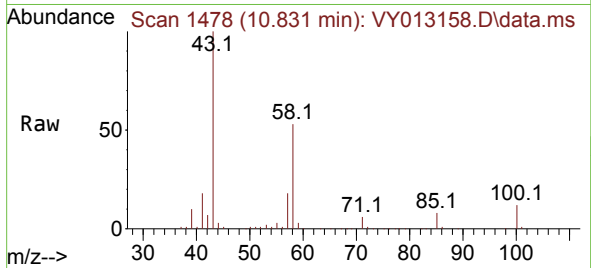




#59
2-Hexanone
Concen: 110.812 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

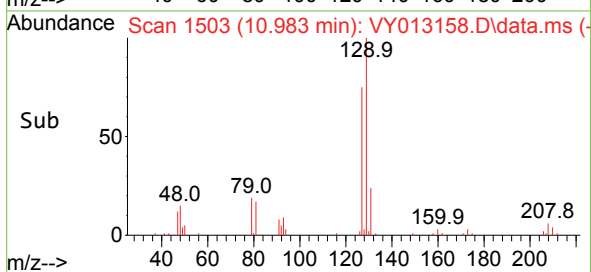
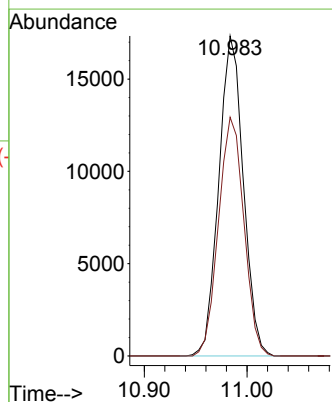
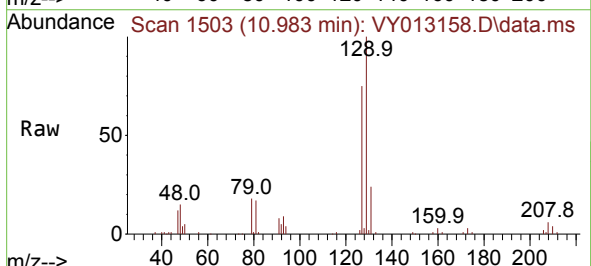
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

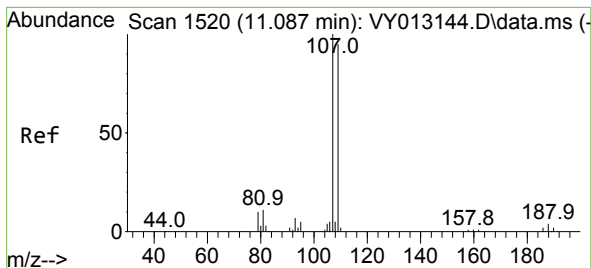
Tgt Ion: 43 Resp: 85196
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.8



#60
Dibromochloromethane
Concen: 20.543 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 129 Resp: 28705
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

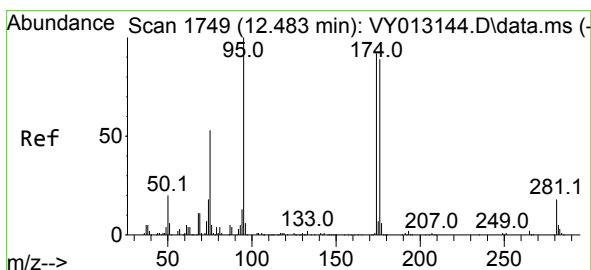
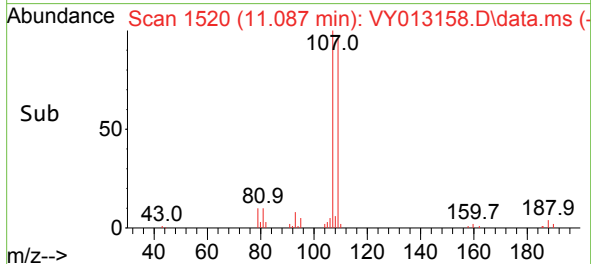
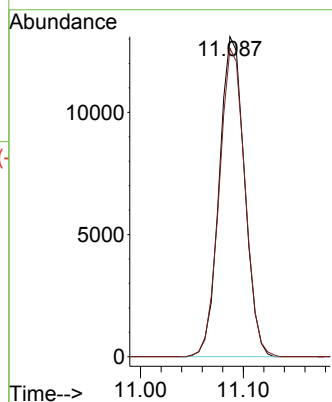
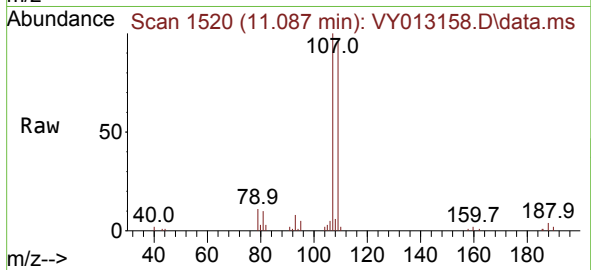




#61
1,2-Dibromoethane
Concen: 20.702 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

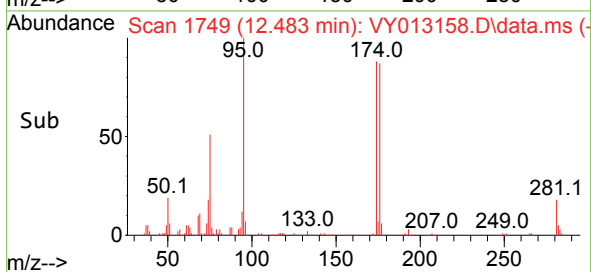
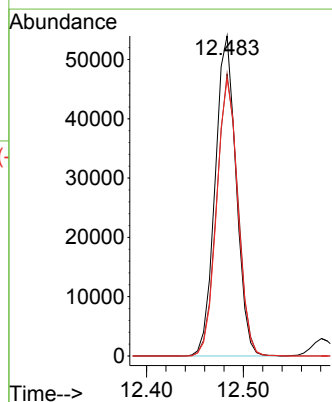
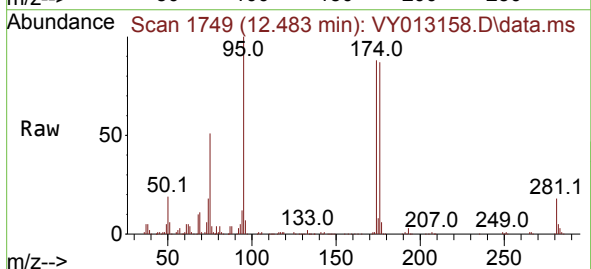
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

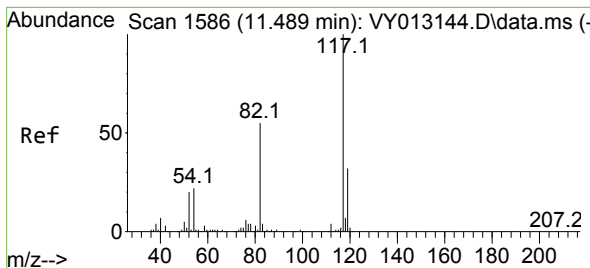
Tgt Ion:107 Resp: 22316
Ion Ratio Lower Upper
107 100
109 97.9 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 51.498 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 95 Resp: 81431
Ion Ratio Lower Upper
95 100
174 88.8 0.0 176.6
176 87.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

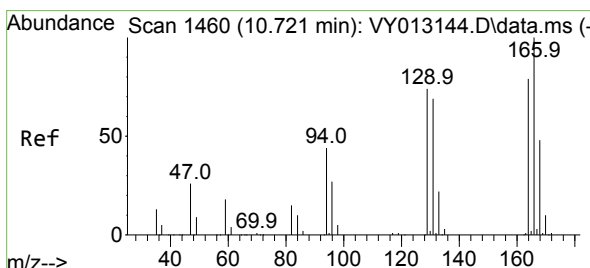
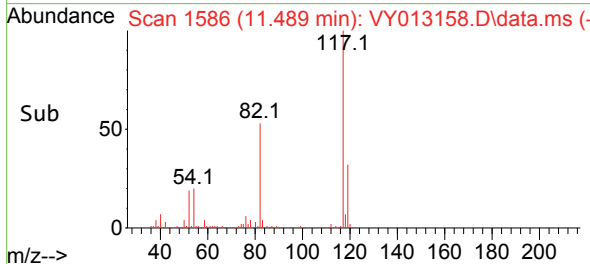
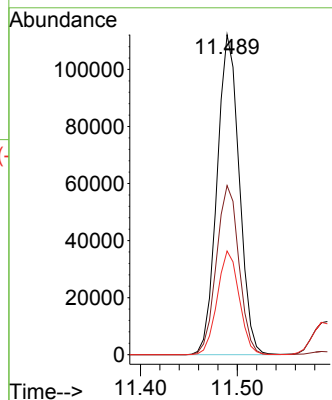
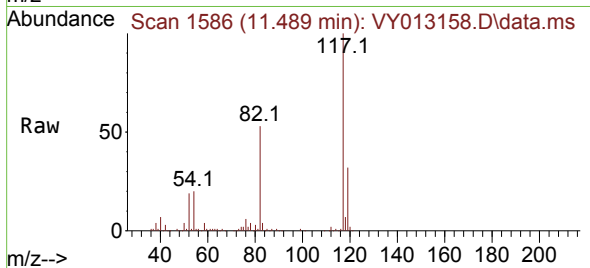
Tgt Ion:117 Resp: 178348

Ion Ratio Lower Upper

117 100

82 52.9 45.4 68.0

119 32.4 25.6 38.4



#64

Tetrachloroethene

Concen: 20.642 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Tgt Ion:164 Resp: 28303

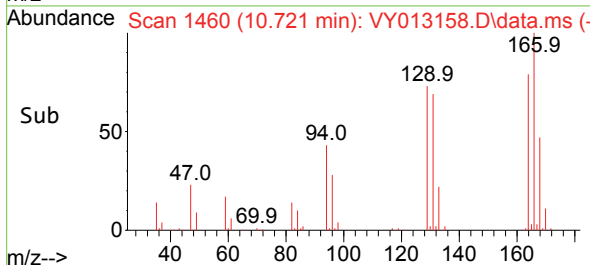
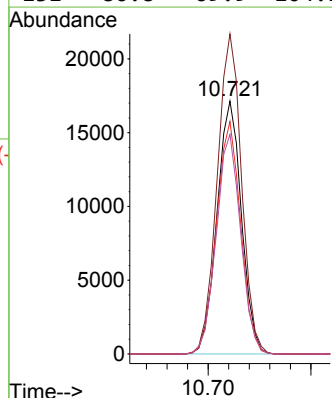
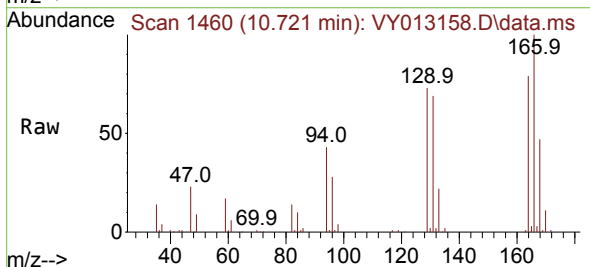
Ion Ratio Lower Upper

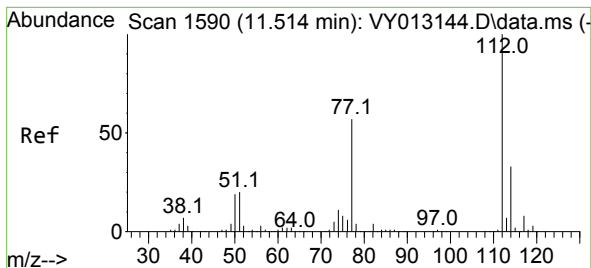
164 100

166 126.6 103.4 155.2

129 92.0 71.4 107.2

131 86.8 69.9 104.9





#65

Chlorobenzene

Concen: 20.296 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

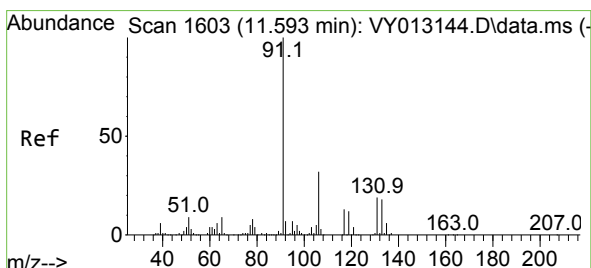
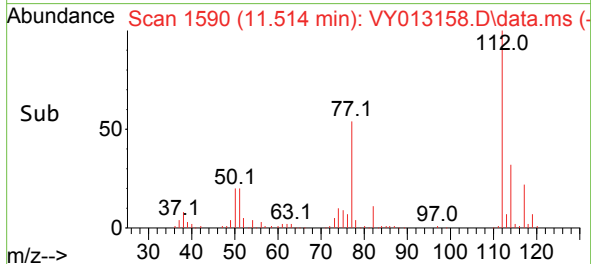
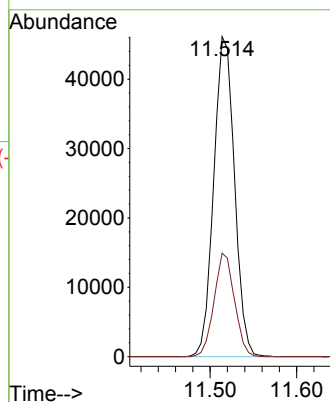
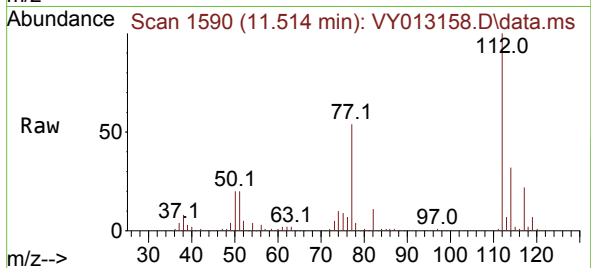
VY0331SBS01

Tgt Ion:112 Resp: 76846

Ion Ratio Lower Upper

112 100

114 32.3 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.307 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

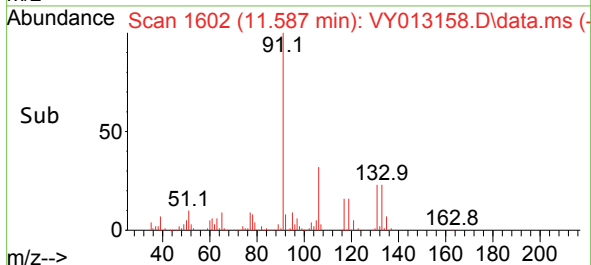
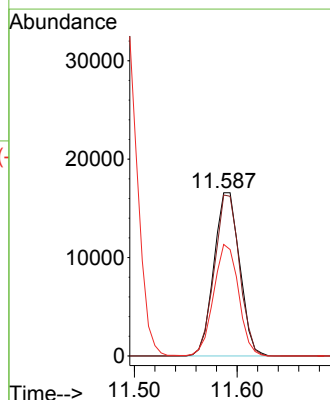
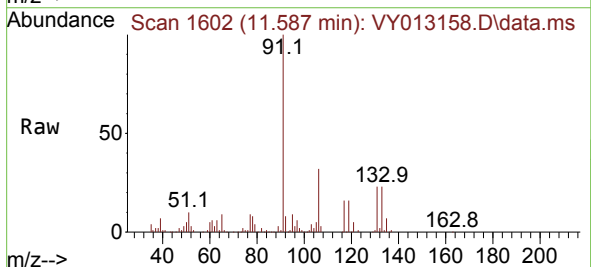
Tgt Ion:131 Resp: 28825

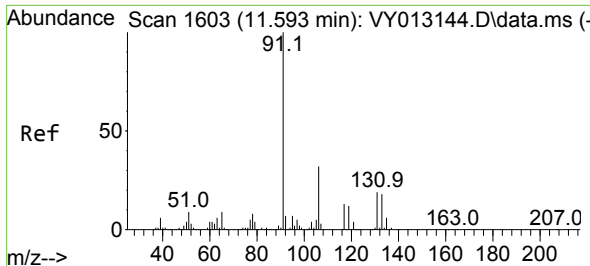
Ion Ratio Lower Upper

131 100

133 96.2 48.0 144.0

119 66.3 32.6 98.0

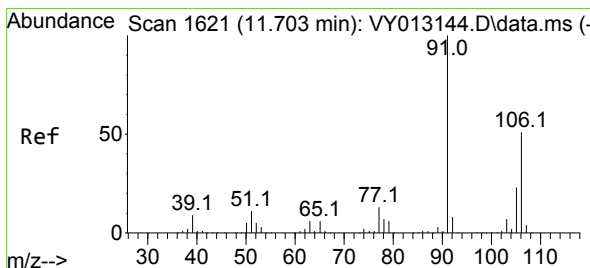
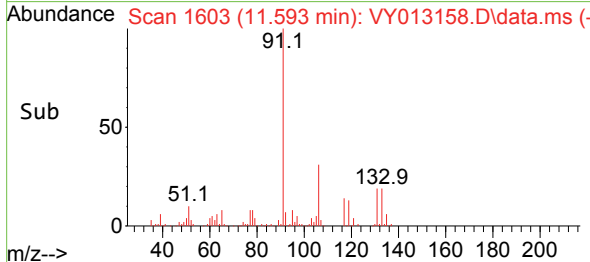
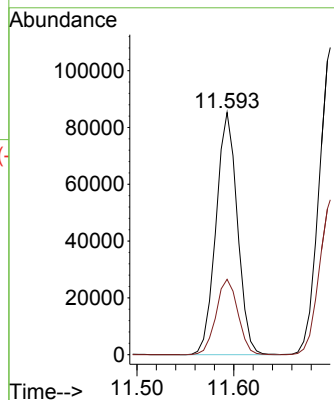
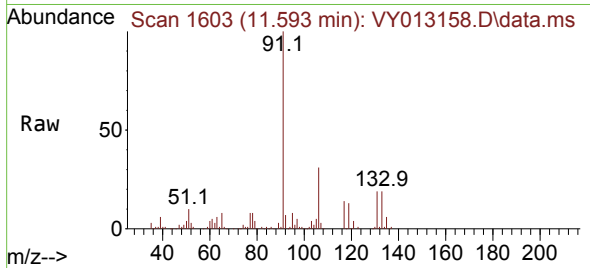




#67
Ethyl Benzene
Concen: 19.992 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

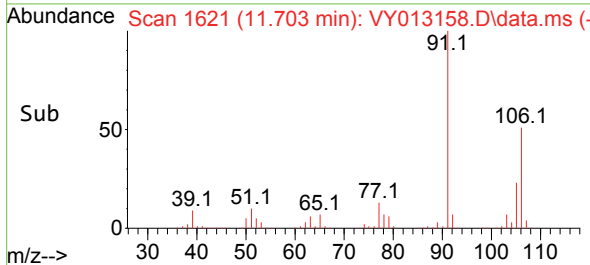
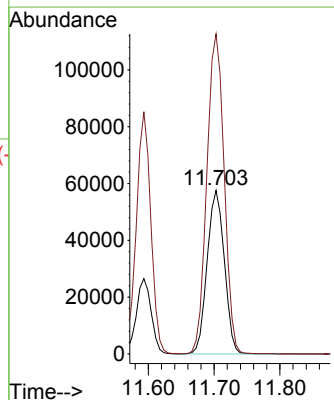
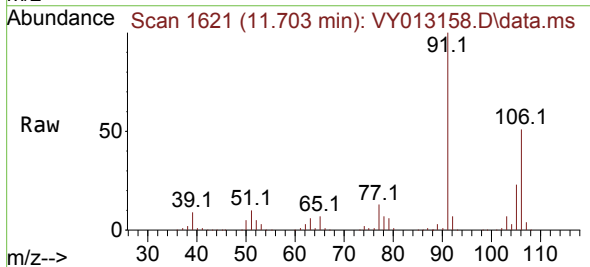
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

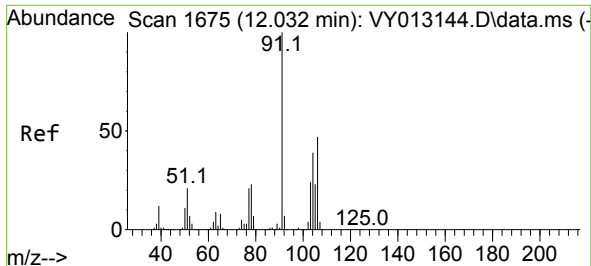
Tgt Ion: 91 Resp: 130731
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 41.389 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:106 Resp: 104697
Ion Ratio Lower Upper
106 100
91 197.4 159.8 239.8

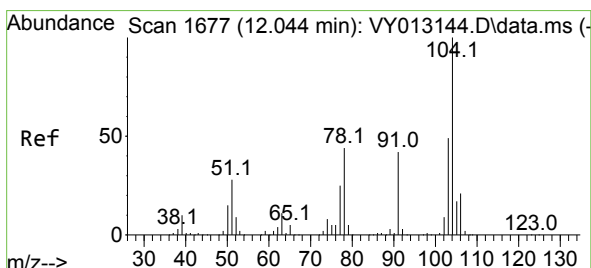
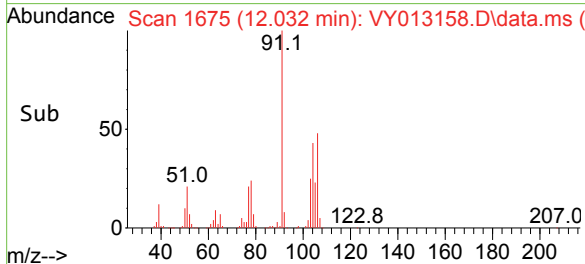
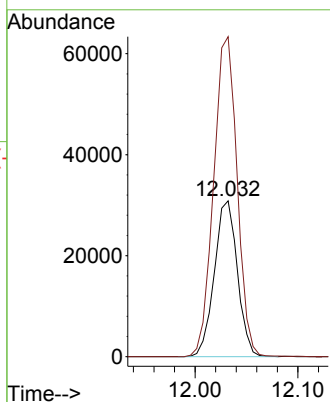
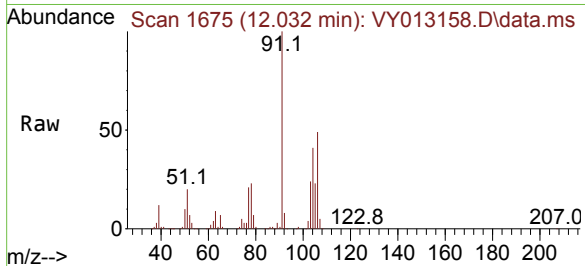




#69
o-Xylene
Concen: 20.411 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

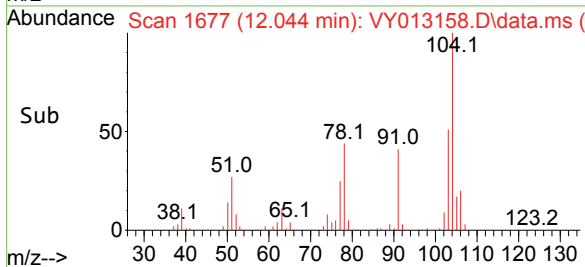
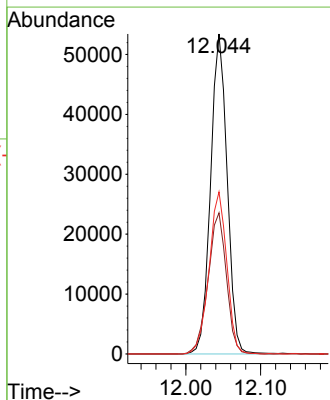
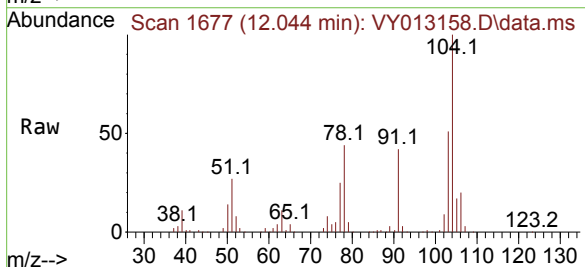
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

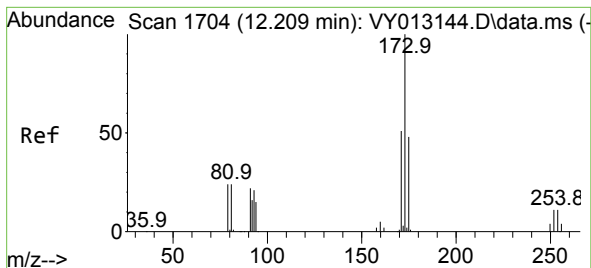
Tgt Ion:106 Resp: 47890
Ion Ratio Lower Upper
106 100
91 209.9 107.2 321.6



#70
Styrene
Concen: 21.005 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:104 Resp: 82443
Ion Ratio Lower Upper
104 100
78 48.6 39.2 58.8
103 54.3 43.7 65.5





#71

Bromoform

Concen: 22.078 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

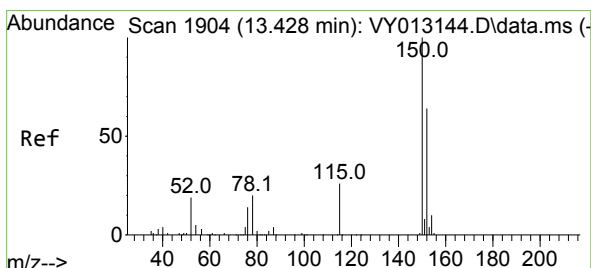
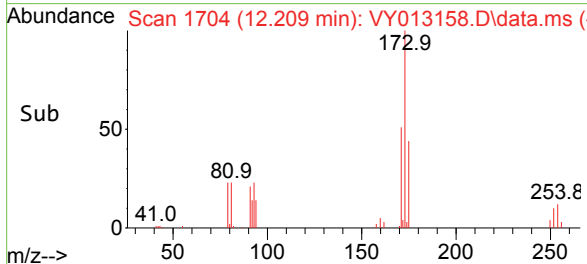
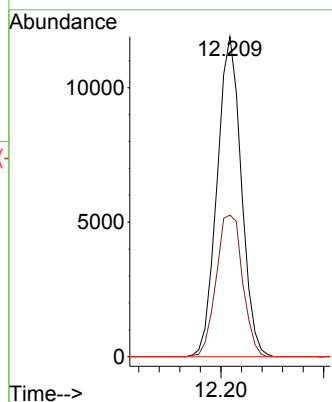
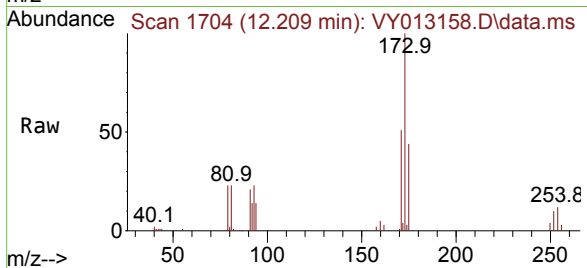
Tgt Ion:173 Resp: 19433

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: VY013158.D

Acq: 31 Mar 2023 11:14

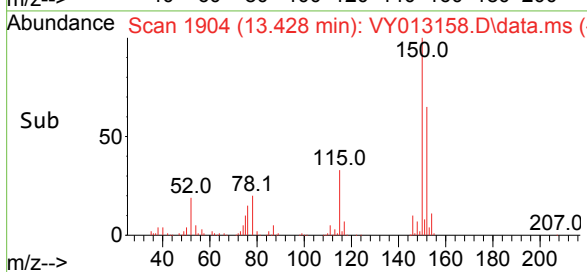
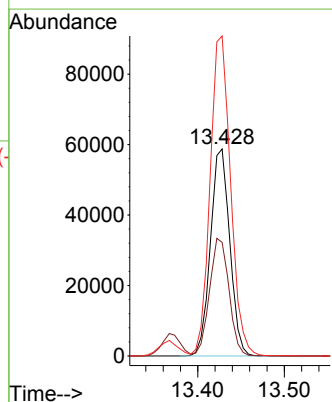
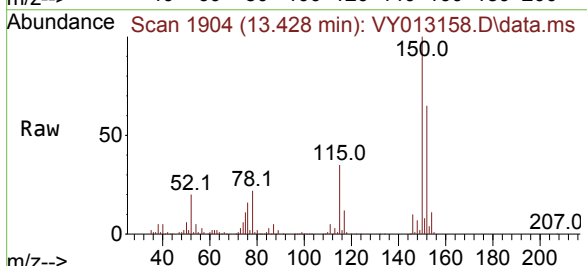
Tgt Ion:152 Resp: 91110

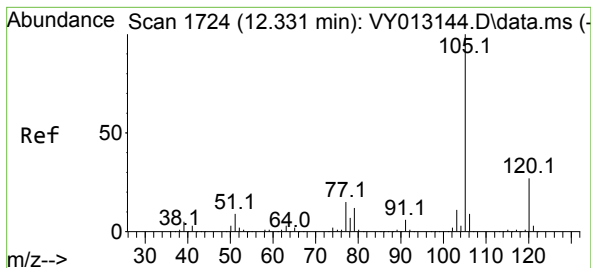
Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.3

150 163.9 0.0 347.8





#73

Isopropylbenzene

Concen: 20.217 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

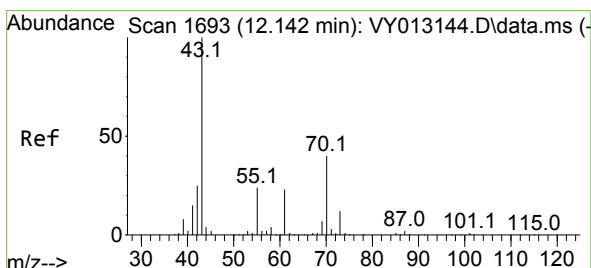
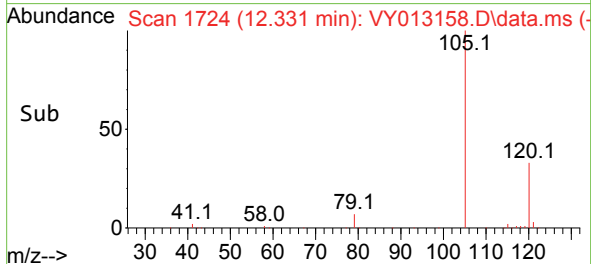
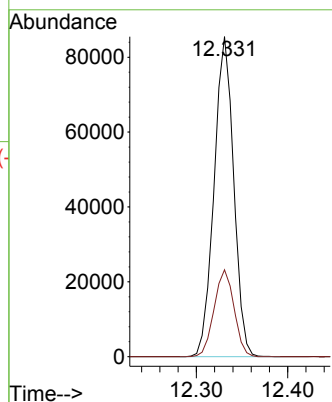
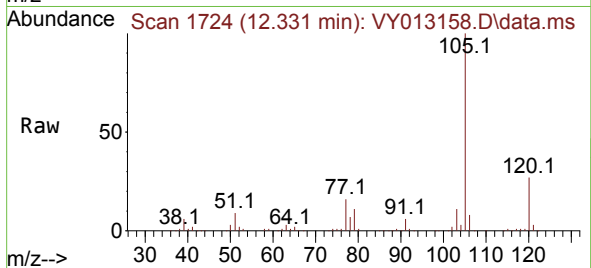
VY0331SBS01

Tgt Ion:105 Resp: 127147

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.2



#74

N-ethyl acetate

Concen: 21.037 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Tgt Ion: 43 Resp: 36327

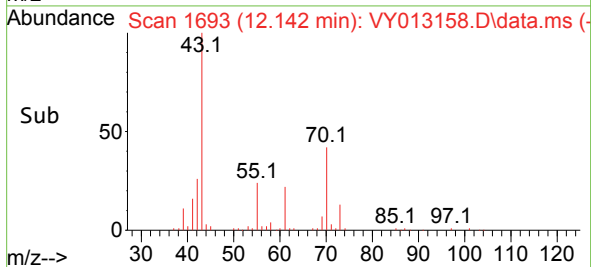
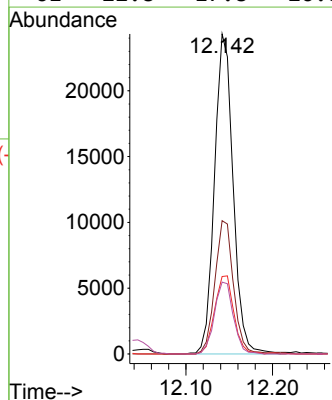
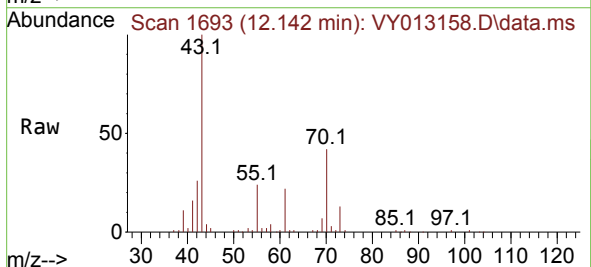
Ion Ratio Lower Upper

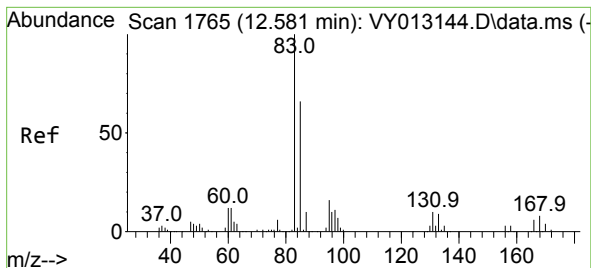
43 100

70 41.5 31.6 47.4

55 25.3 18.8 28.2

61 22.8 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.986 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

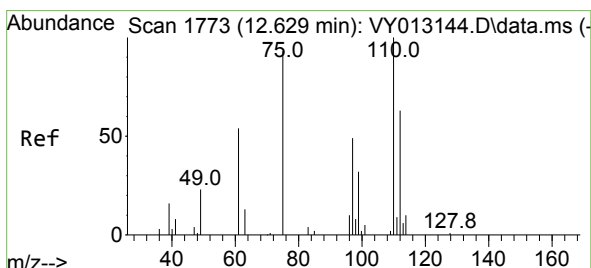
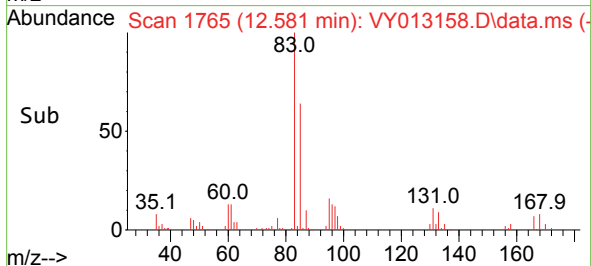
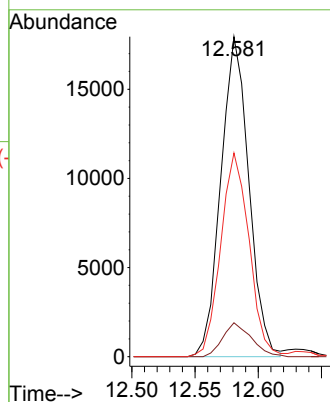
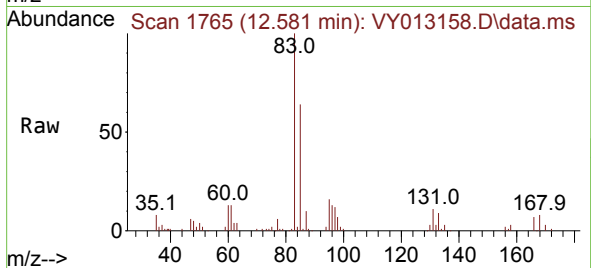
Tgt Ion: 83 Resp: 27646

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 64.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 36.036 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013158.D

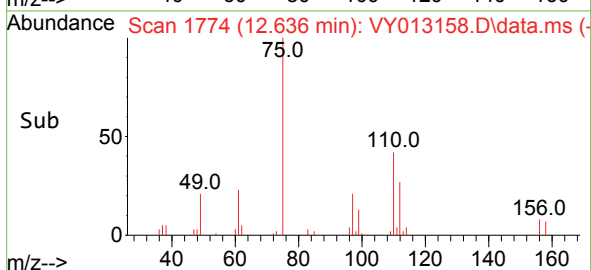
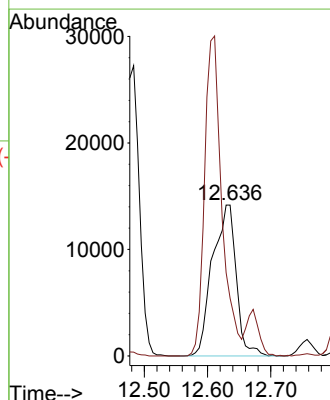
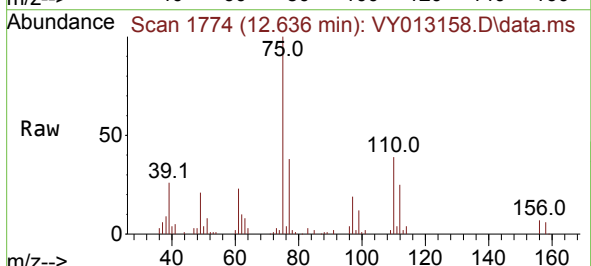
Acq: 31 Mar 2023 11:14

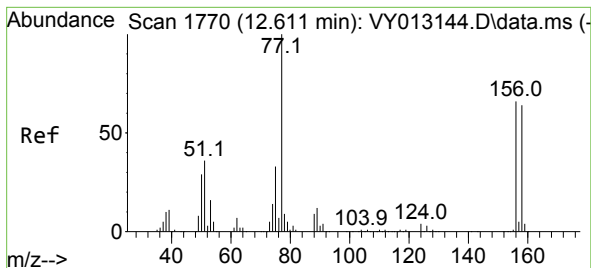
Tgt Ion: 75 Resp: 36884

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.514 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

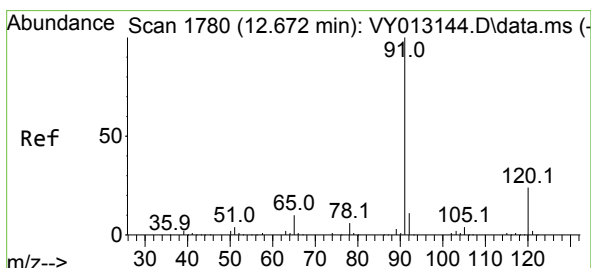
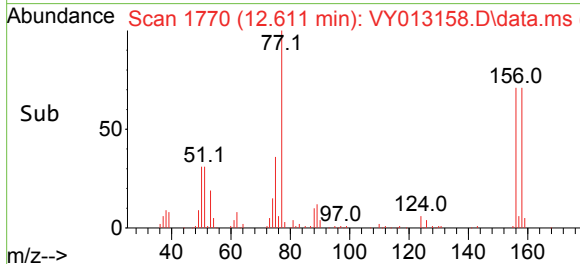
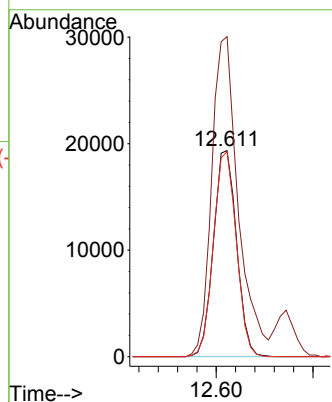
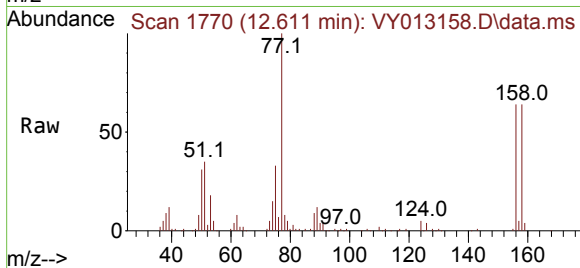
Tgt Ion:156 Resp: 32076

Ion Ratio Lower Upper

156 100

77 178.1 94.0 282.1

158 98.2 48.1 144.4



#78

n-propylbenzene

Concen: 20.315 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013158.D

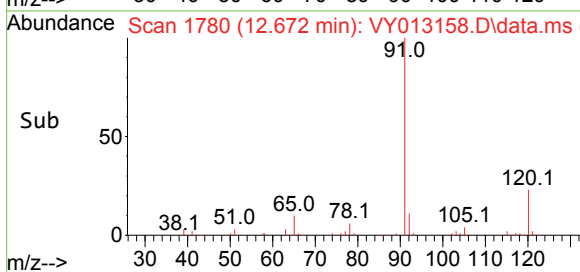
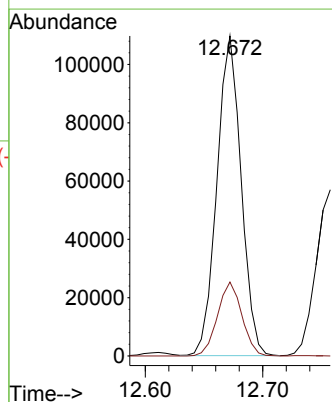
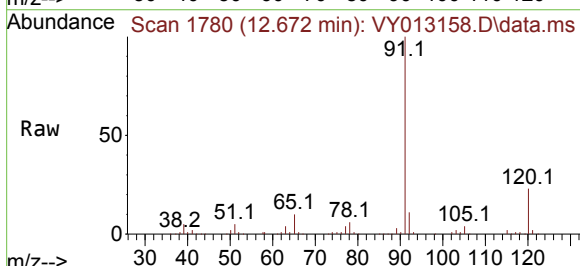
Acq: 31 Mar 2023 11:14

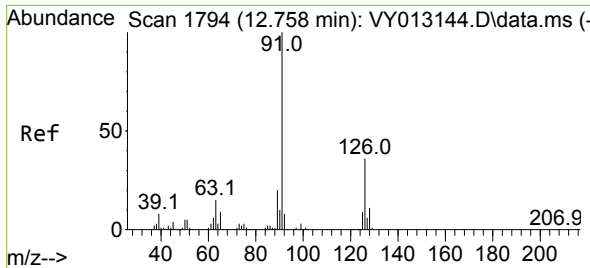
Tgt Ion: 91 Resp: 157094

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8

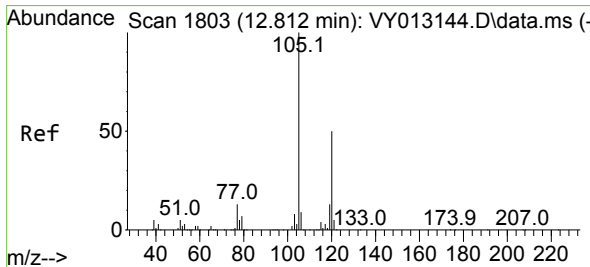
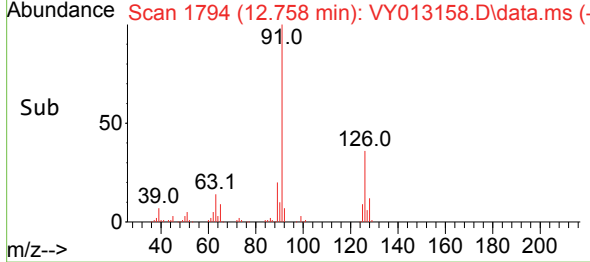
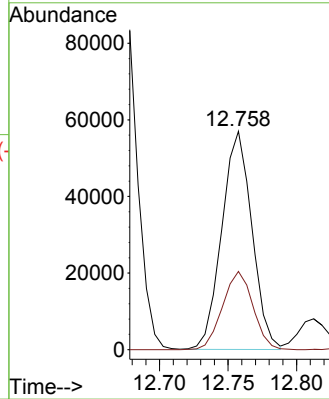
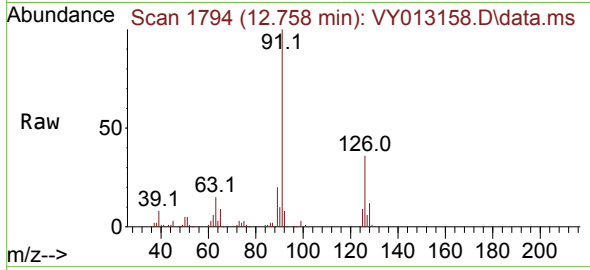




#79
2-Chlorotoluene
Concen: 19.885 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

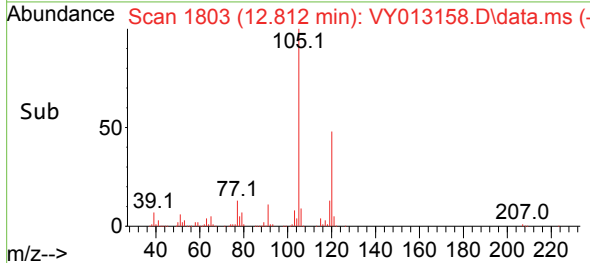
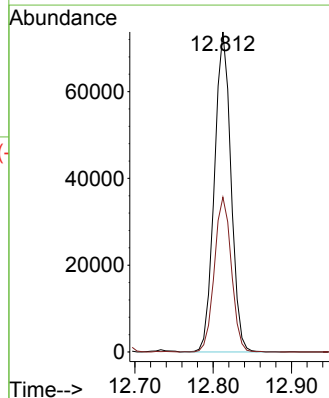
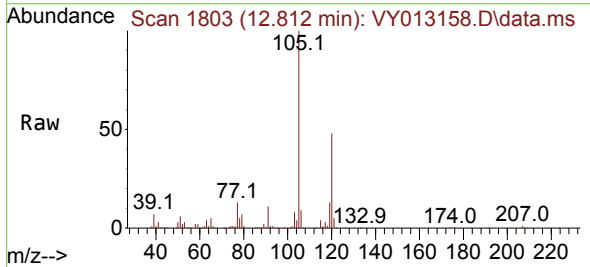
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

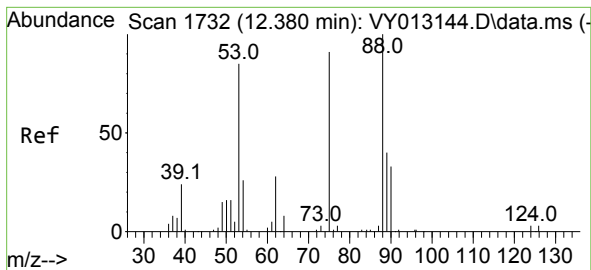
Tgt Ion: 91 Resp: 87254
Ion Ratio Lower Upper
91 100
126 36.1 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.600 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion:105 Resp: 108316
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4

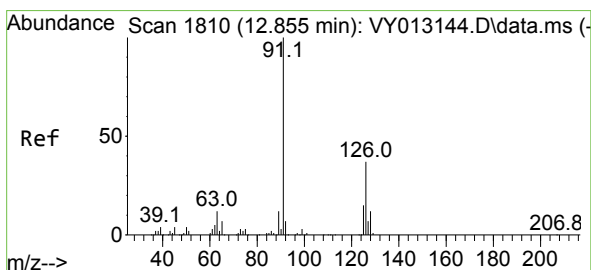
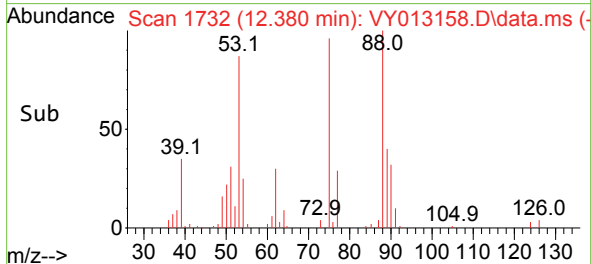
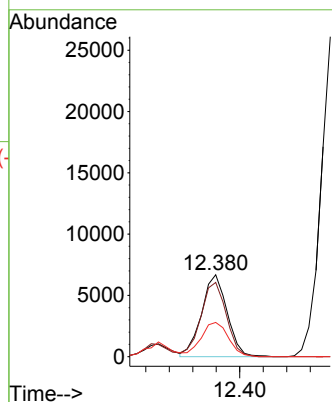
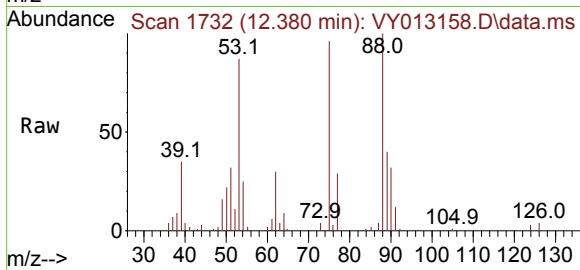




#81
trans-1,4-Dichloro-2-butene
Concen: 22.031 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

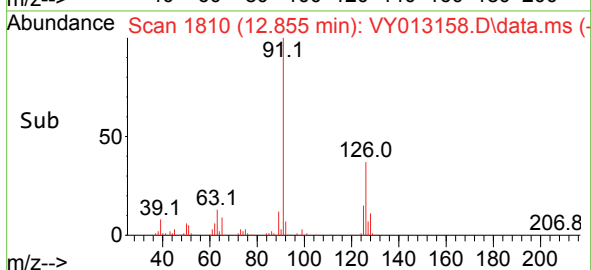
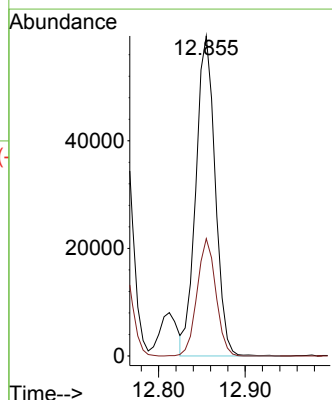
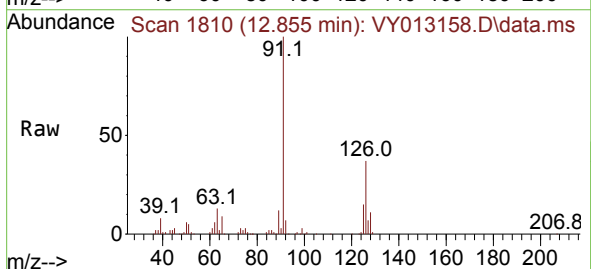
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBS01

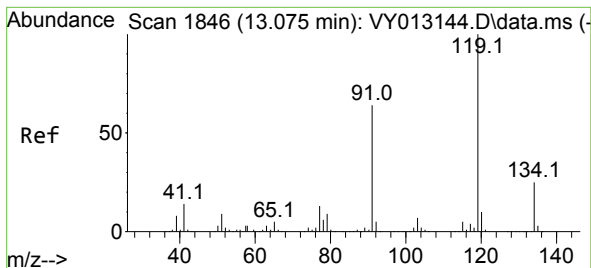
Tgt Ion: 75 Resp: 10111
Ion Ratio Lower Upper
75 100
53 90.2 73.4 110.0
89 45.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.158 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013158.D
Acq: 31 Mar 2023 11:14

Tgt Ion: 91 Resp: 92054
Ion Ratio Lower Upper
91 100
126 35.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.364 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

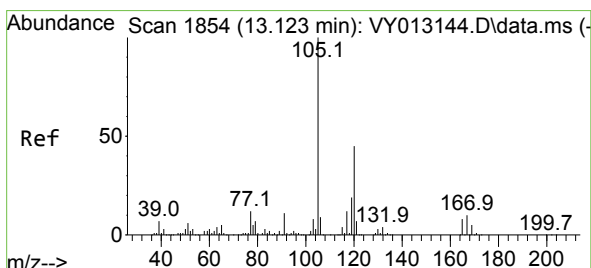
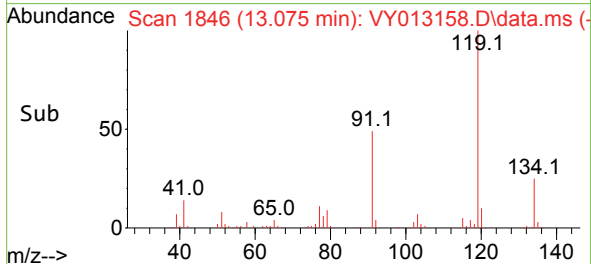
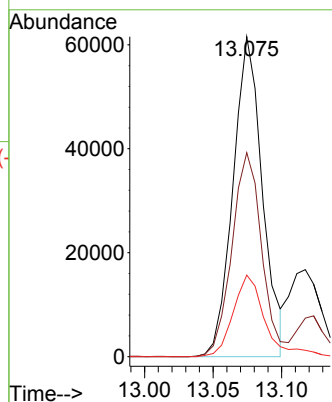
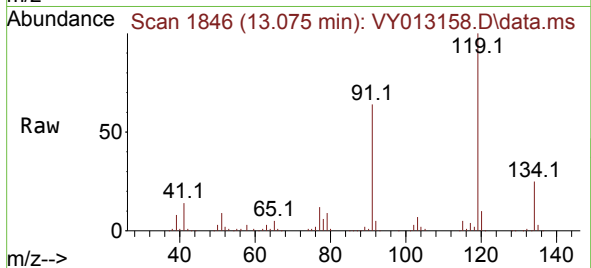
Tgt Ion:119 Resp: 91968

Ion Ratio Lower Upper

119 100

91 65.1 32.8 98.3

134 27.7 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.657 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013158.D

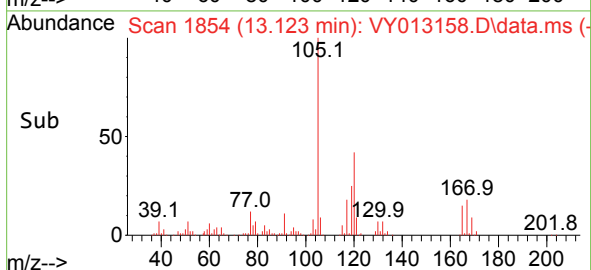
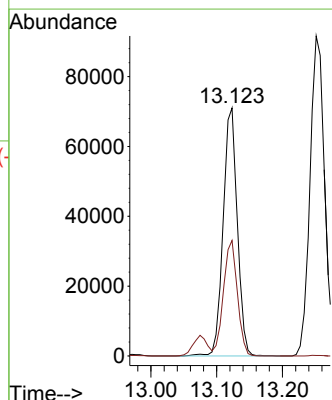
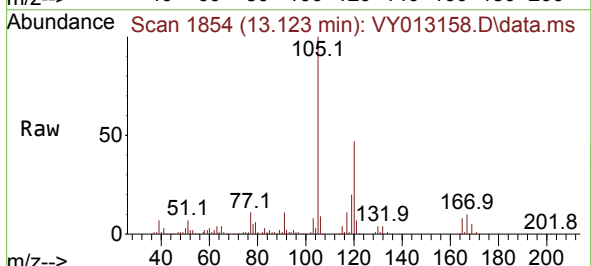
Acq: 31 Mar 2023 11:14

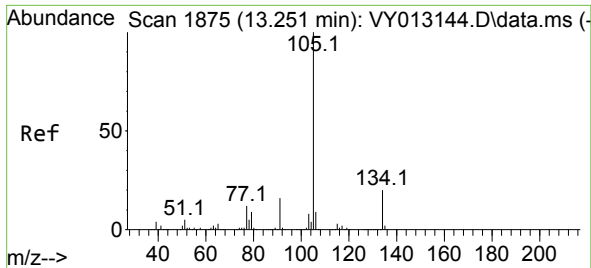
Tgt Ion:105 Resp: 106368

Ion Ratio Lower Upper

105 100

120 45.8 23.0 69.0

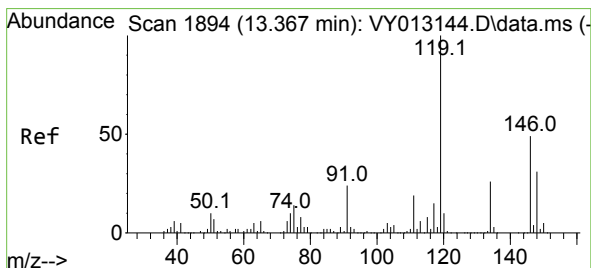
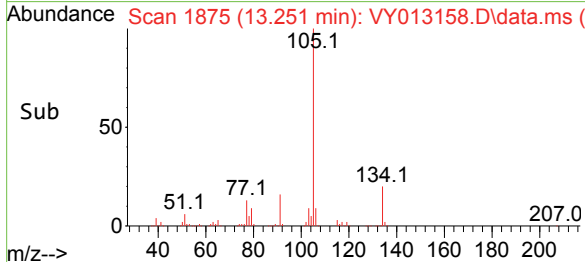
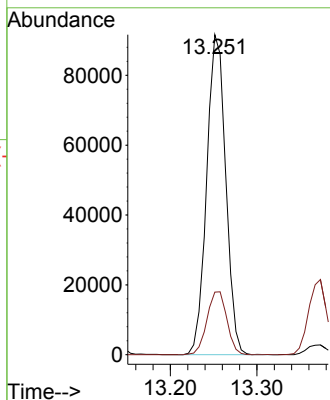
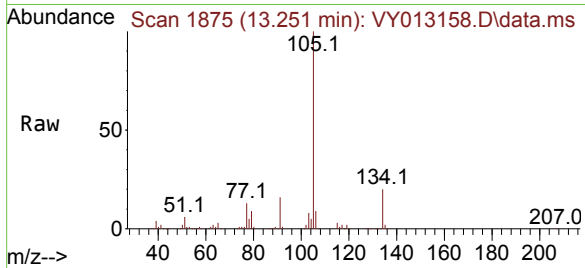




#85
 sec-Butylbenzene
 Concen: 20.522 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

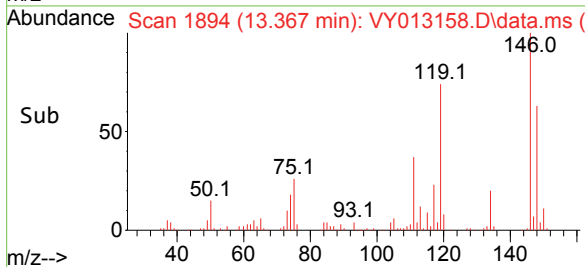
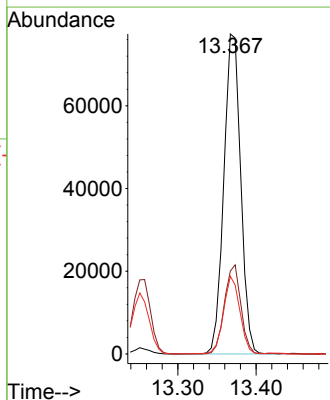
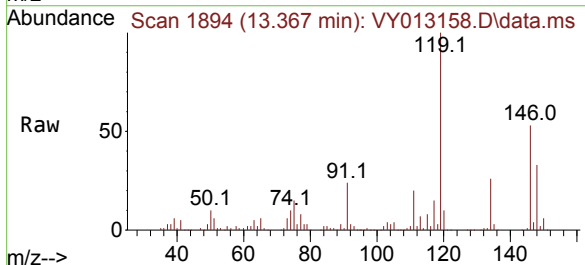
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBS01

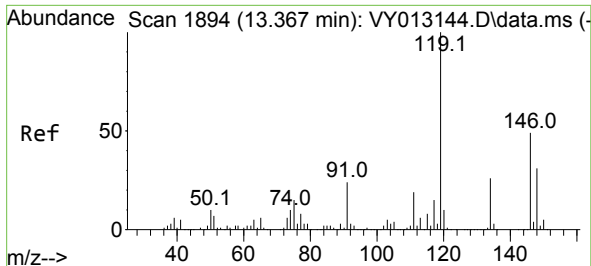
Tgt Ion:105 Resp: 139943
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.707 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013158.D
 Acq: 31 Mar 2023 11:14

Tgt Ion:119 Resp: 116243
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.2 39.6
 91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.768 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

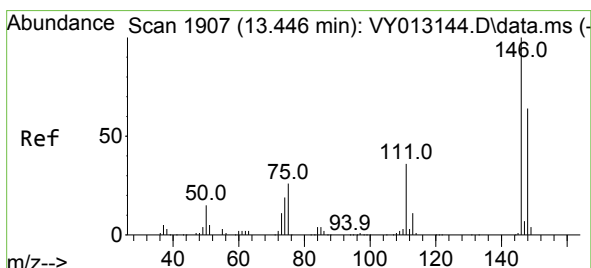
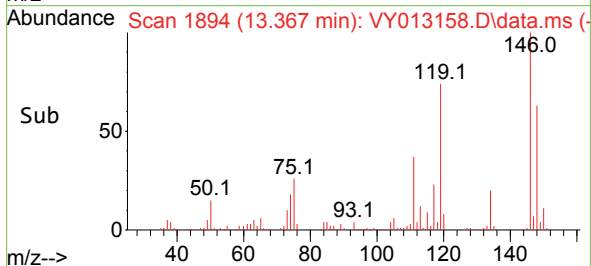
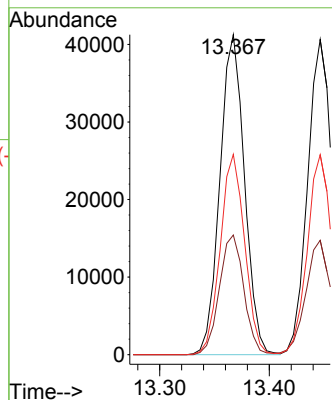
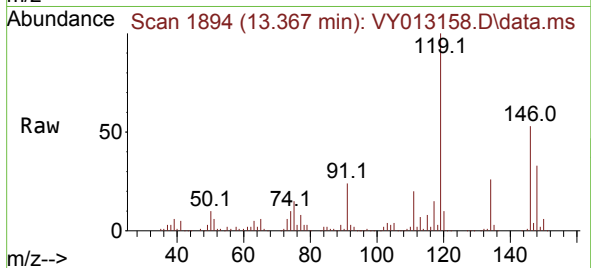
Tgt Ion:146 Resp: 64372

Ion Ratio Lower Upper

146 100

111 37.2 19.1 57.5

148 62.0 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.306 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

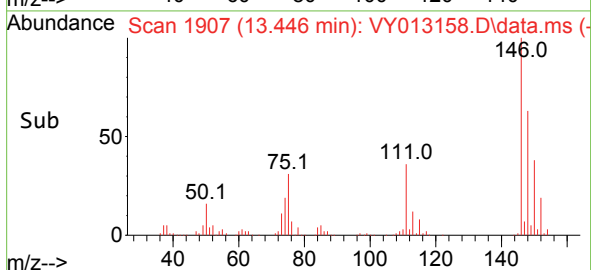
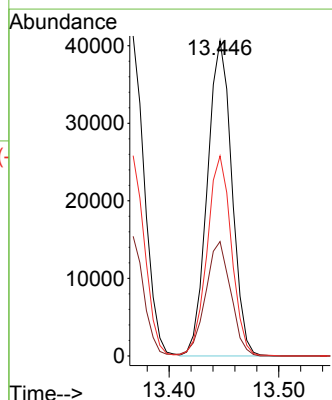
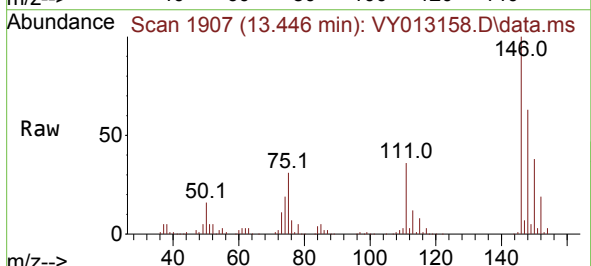
Tgt Ion:146 Resp: 63069

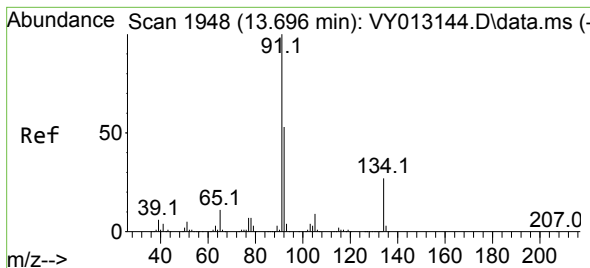
Ion Ratio Lower Upper

146 100

111 37.5 18.6 55.8

148 63.4 31.5 94.5





#89

n-Butylbenzene

Concen: 20.102 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

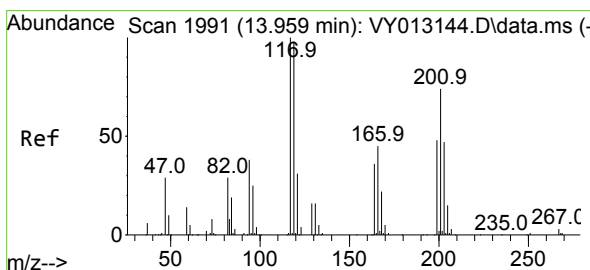
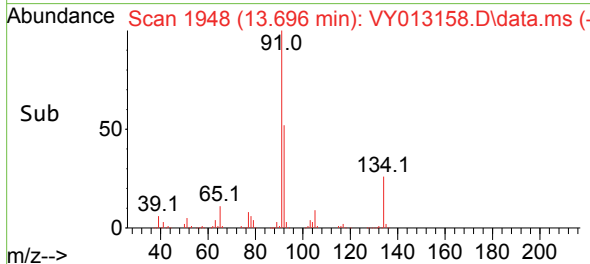
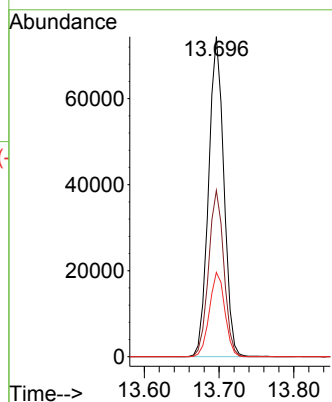
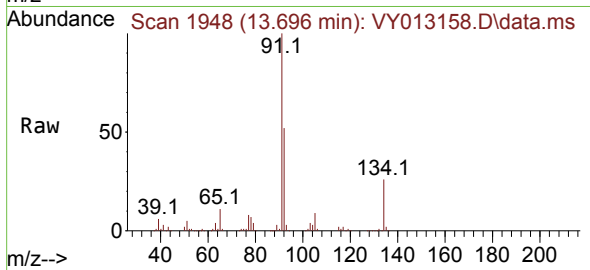
Tgt Ion: 91 Resp: 105496

Ion Ratio Lower Upper

91 100

92 51.9 26.4 79.0

134 26.6 13.0 38.9



#90

Hexachloroethane

Concen: 20.126 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013158.D

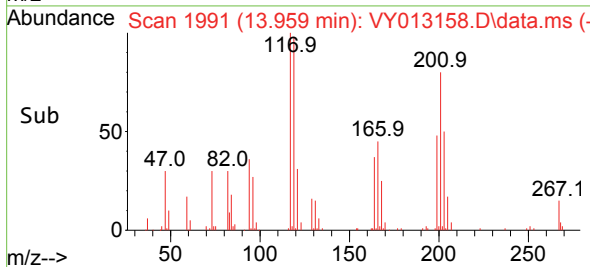
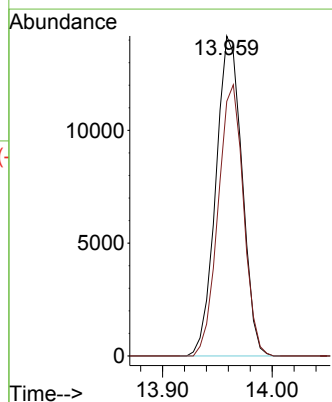
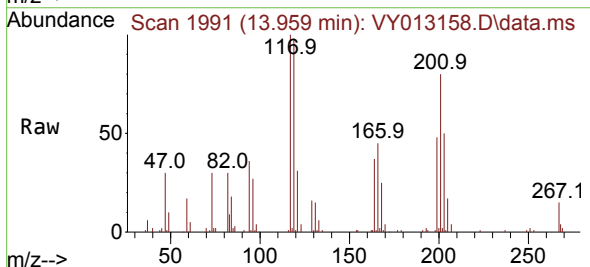
Acq: 31 Mar 2023 11:14

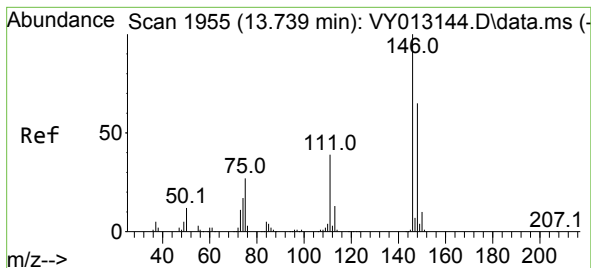
Tgt Ion: 117 Resp: 23536

Ion Ratio Lower Upper

117 100

201 82.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.757 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

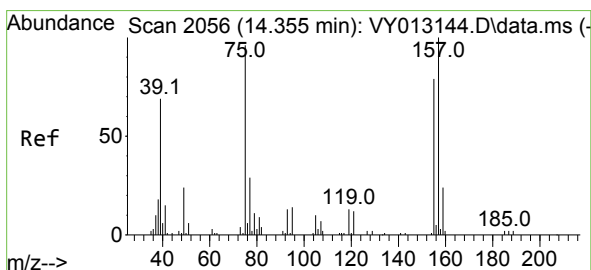
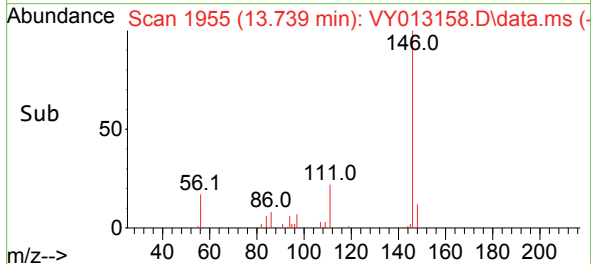
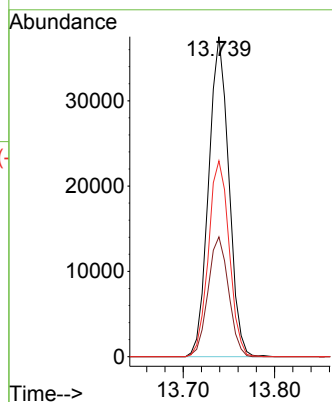
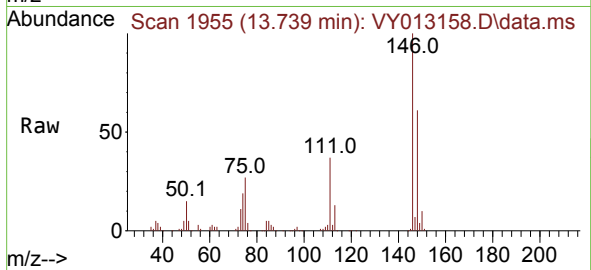
Tgt Ion:146 Resp: 57457

Ion Ratio Lower Upper

146 100

111 38.1 19.7 59.1

148 62.9 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.943 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

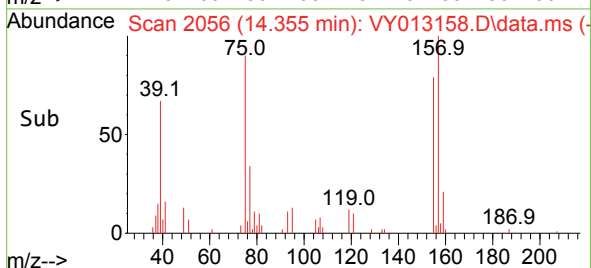
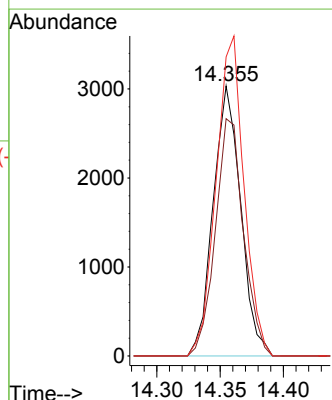
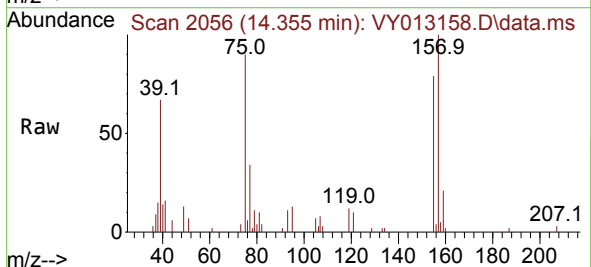
Tgt Ion: 75 Resp: 4591

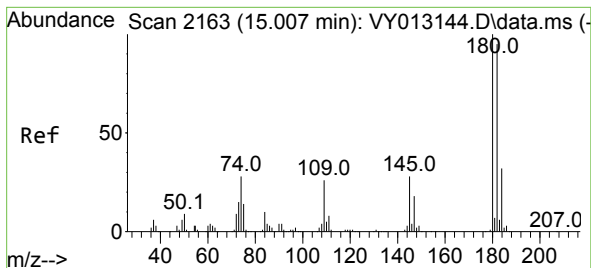
Ion Ratio Lower Upper

75 100

155 89.7 43.8 131.4

157 120.1 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 20.233 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

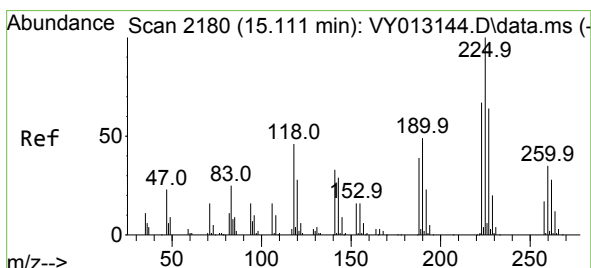
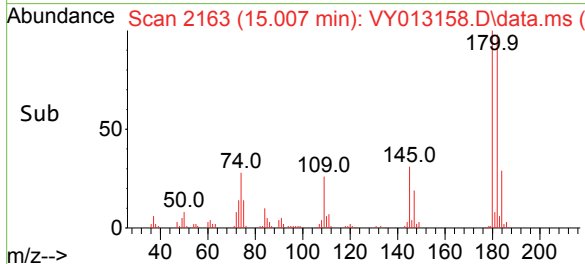
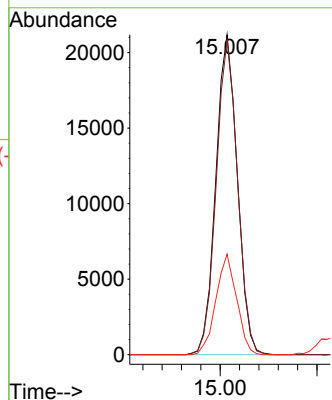
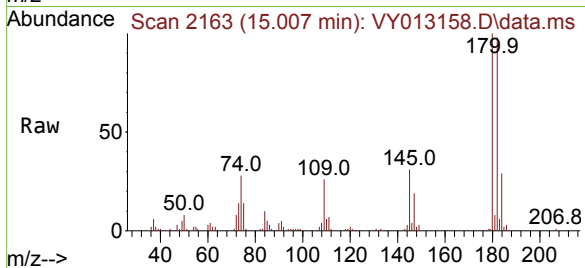
Tgt Ion:180 Resp: 32662

Ion Ratio Lower Upper

180 100

182 97.6 46.7 140.1

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 20.669 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

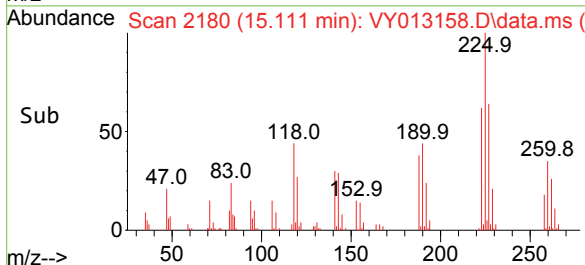
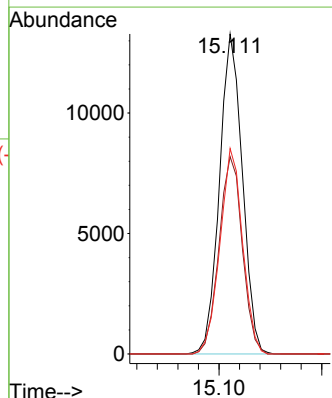
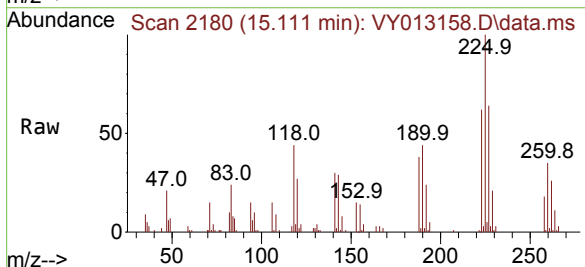
Tgt Ion:225 Resp: 20520

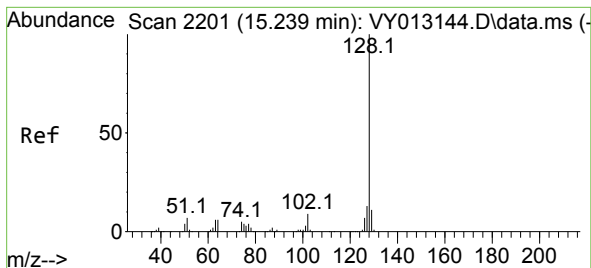
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.3

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 20.165 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Instrument :

MSVOA_Y

ClientSampleId :

VY0331SBS01

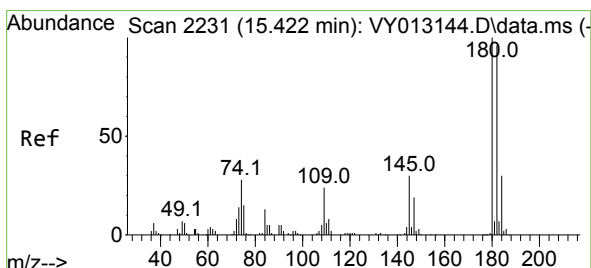
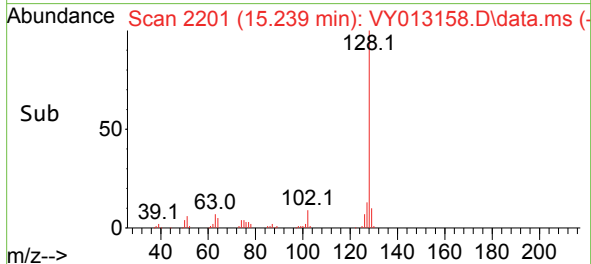
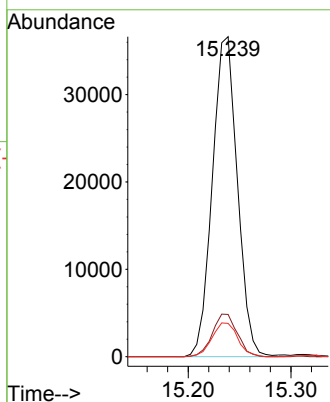
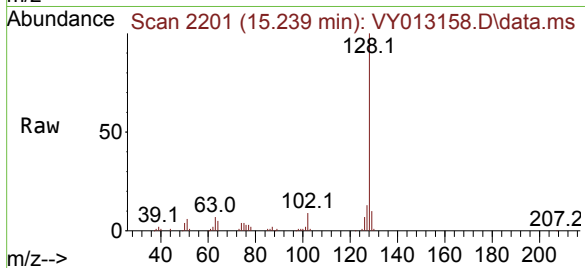
Tgt Ion:128 Resp: 61898

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.958 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013158.D

Acq: 31 Mar 2023 11:14

Tgt Ion:180 Resp: 29807

Ion Ratio Lower Upper

180 100

182 93.2 47.4 142.3

145 30.1 15.3 45.8

