

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013168.D
 Acq On : 03 Apr 2023 12:08
 Operator : KP/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Quant Time: Apr 03 23:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69412	48.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.660%
35) Dibromofluoromethane	7.716	113	64411	50.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.580%
50) Toluene-d8	10.179	98	244805	50.626	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.483	95	83121	52.809	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25404	19.392	ug/l	99
3) Chloromethane	2.113	50	20748	15.187	ug/l	96
4) Vinyl Chloride	2.253	62	21486	15.686	ug/l	99
5) Bromomethane	2.644	94	16378	16.943	ug/l	84
6) Chloroethane	2.790	64	14224	16.578	ug/l	96
7) Trichlorofluoromethane	3.125	101	48757	20.001	ug/l	98
8) Diethyl Ether	3.527	74	14967	19.552	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	25901	19.272	ug/l	96
10) Methyl Iodide	4.094	142	32471	18.553	ug/l	98
11) Tert butyl alcohol	4.960	59	13301	102.756	ug/l	99
12) 1,1-Dichloroethene	3.875	96	24345	18.738	ug/l	96
13) Acrolein	3.723	56	16675	91.797	ug/l	100
14) Allyl chloride	4.479	41	37777	17.065	ug/l	92
15) Acrylonitrile	5.161	53	36656	96.364	ug/l	97
16) Acetone	3.942	43	37948	86.410	ug/l	98
17) Carbon Disulfide	4.192	76	71352	16.491	ug/l	98
18) Methyl Acetate	4.472	43	26396	19.075	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	65915	20.021	ug/l	98
20) Methylene Chloride	4.716	84	30573	16.576	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	27057	18.483	ug/l	95
22) Diisopropyl ether	6.118	45	77114	17.830	ug/l	95
23) Vinyl Acetate	6.058	43	229905	93.477	ug/l	95
24) 1,1-Dichloroethane	6.021	63	45981	17.951	ug/l	99
25) 2-Butanone	6.984	43	50835	92.573	ug/l	100
26) 2,2-Dichloropropane	6.978	77	43463	18.865	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	30185	19.140	ug/l	94
28) Bromochloromethane	7.332	49	18994	17.281	ug/l #	81
29) Tetrahydrofuran	7.350	42	31852	97.986	ug/l	95
30) Chloroform	7.502	83	49670	18.725	ug/l	96
31) Cyclohexane	7.783	56	41203	17.573	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	46106	19.659	ug/l	99
36) 1,1-Dichloropropene	7.917	75	36988	19.182	ug/l	98
37) Ethyl Acetate	7.076	43	22132	20.205	ug/l	99
38) Carbon Tetrachloride	7.899	117	43580	20.483	ug/l	98
39) Methylcyclohexane	9.179	83	43737	19.333	ug/l	97
40) Benzene	8.161	78	107125	19.234	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	29872	61.471	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	34736	20.357	ug/l	99
43) Isopropyl Acetate	8.271	43	38008	19.384	ug/l	95
44) Trichloroethene	8.935	130	30533	19.915	ug/l	96
45) 1,2-Dichloropropane	9.215	63	26325	18.876	ug/l	96
46) Dibromomethane	9.307	93	16133	20.137	ug/l	93
47) Bromodichloromethane	9.496	83	38616	19.976	ug/l	98
48) Methyl methacrylate	9.289	41	17368	19.019	ug/l	92
49) 1,4-Dioxane	9.301	88	4134	433.739	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	107234	101.337	ug/l	97
52) Toluene	10.240	92	68080	19.706	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39421	19.951	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43311	19.193	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	22757	20.549	ug/l	98
56) Ethyl methacrylate	10.508	69	29227	20.990	ug/l	96
57) 1,3-Dichloropropane	10.788	76	37790	20.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	68371	105.015	ug/l	95
59) 2-Hexanone	10.831	43	78636	102.750	ug/l	98
60) Dibromochloromethane	10.983	129	28971	20.828	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22057	20.556	ug/l	100
64) Tetrachloroethene	10.715	164	27742	20.344	ug/l	96
65) Chlorobenzene	11.514	112	74451	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29304	20.758	ug/l	98
67) Ethyl Benzene	11.593	91	128720	19.792	ug/l	97
68) m/p-Xylenes	11.703	106	102970	40.929	ug/l	100
69) o-Xylene	12.032	106	47538	20.372	ug/l	98
70) Styrene	12.044	104	81110	20.778	ug/l	100
71) Bromoform	12.209	173	19264	22.006	ug/l #	100
73) Isopropylbenzene	12.331	105	127707	19.898	ug/l	99
74) N-amyl acetate	12.142	43	33993	19.290	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	26744	19.893	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	34777	33.295	ug/l #	100
77) Bromobenzene	12.605	156	32785	20.546	ug/l	92
78) n-propylbenzene	12.672	91	154868	19.625	ug/l	98
79) 2-Chlorotoluene	12.758	91	87868	19.622	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	109332	20.375	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9495	20.273	ug/l	97
82) 4-Chlorotoluene	12.855	91	92958	19.947	ug/l	100
83) tert-Butylbenzene	13.075	119	96180	20.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	108411	20.630	ug/l	99
85) sec-Butylbenzene	13.251	105	141828	20.380	ug/l	99
86) p-Isopropyltoluene	13.367	119	121329	21.178	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64669	20.445	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64587	20.376	ug/l	98
89) n-Butylbenzene	13.696	91	107379	20.050	ug/l	99
90) Hexachloroethane	13.959	117	23634	19.803	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	57979	20.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4564	20.402	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	35615	21.619	ug/l	100
94) Hexachlorobutadiene	15.111	225	22280	21.991	ug/l	99
95) Naphthalene	15.233	128	67294	21.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31897	21.976	ug/l	100

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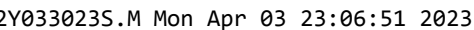
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

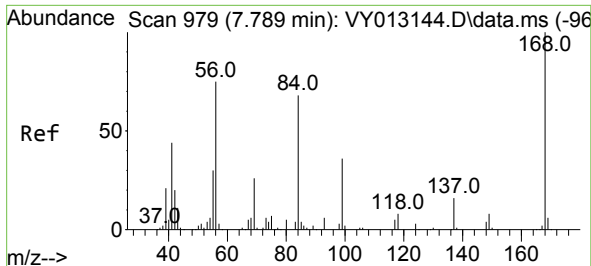
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Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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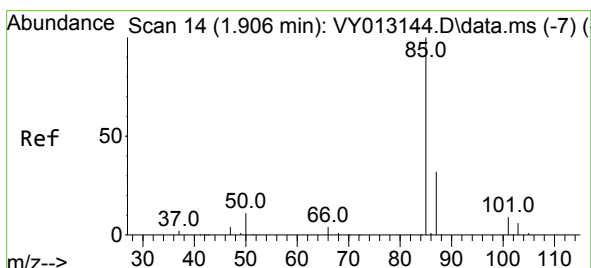
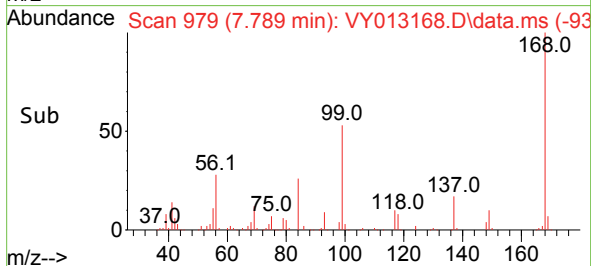
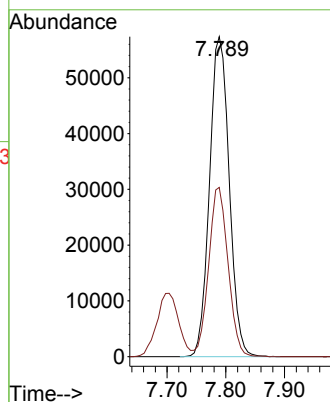
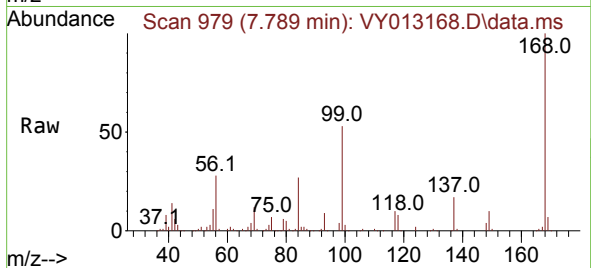




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013168.D
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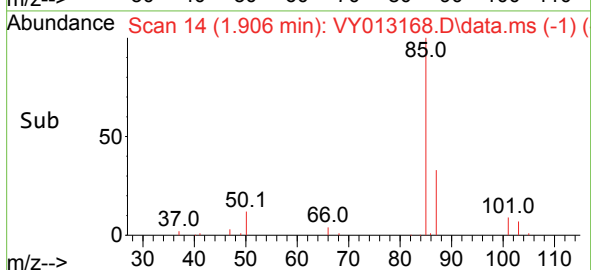
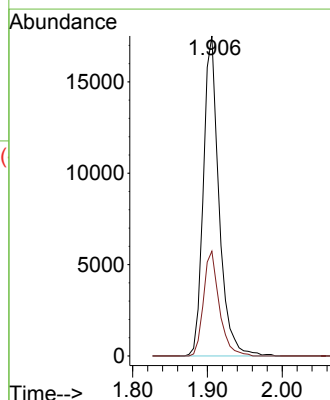
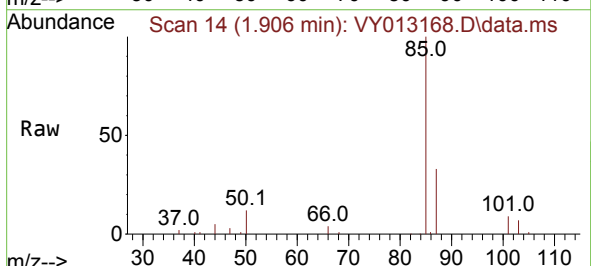
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

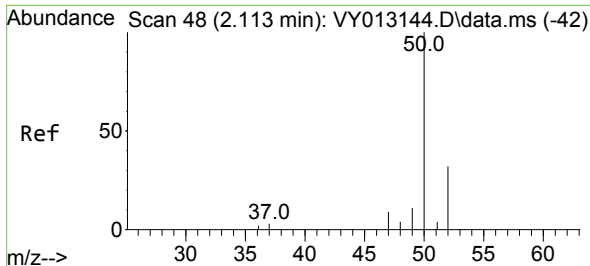
Tgt Ion:168 Resp: 133638
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 19.392 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 85 Resp: 25404
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

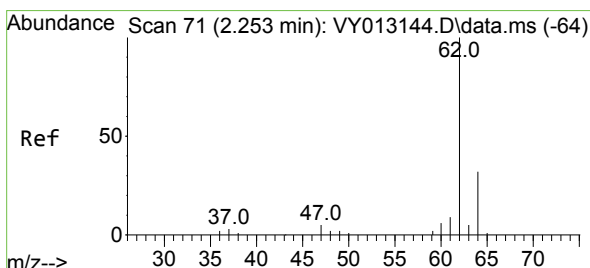
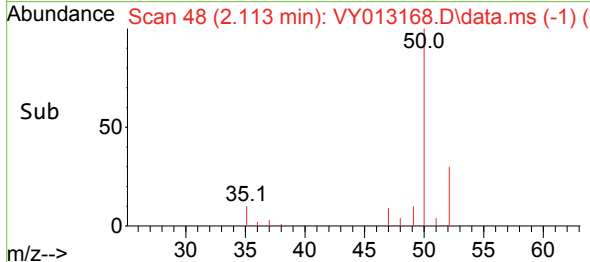
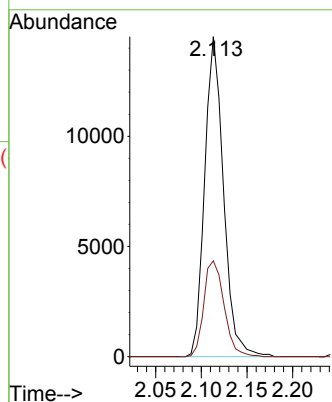
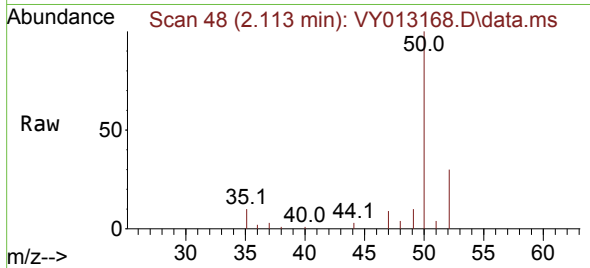




#3
Chloromethane
Concen: 15.187 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

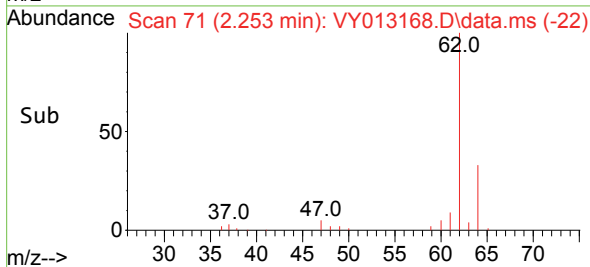
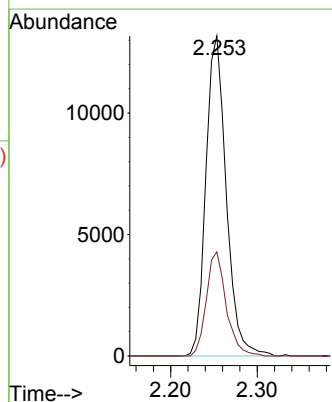
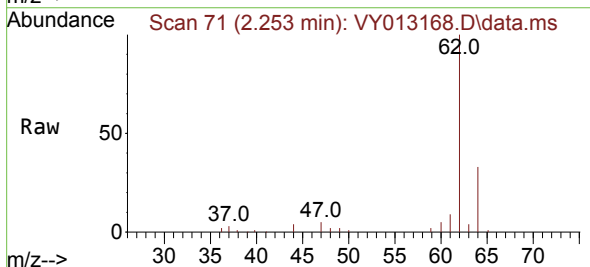
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

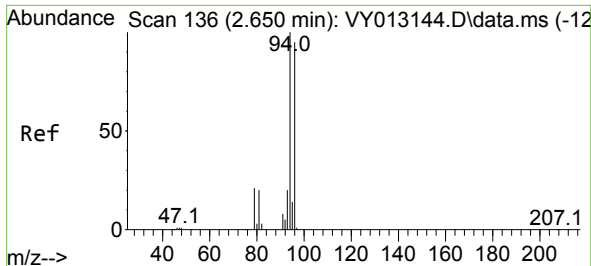
Tgt Ion: 50 Resp: 20748
Ion Ratio Lower Upper
50 100
52 30.0 26.0 39.0



#4
Vinyl Chloride
Concen: 15.686 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 62 Resp: 21486
Ion Ratio Lower Upper
62 100
64 32.5 25.6 38.4





#5

Bromomethane

Concen: 16.943 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

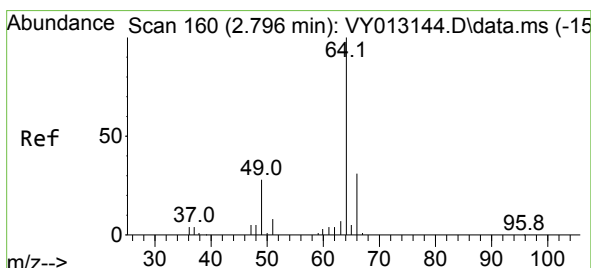
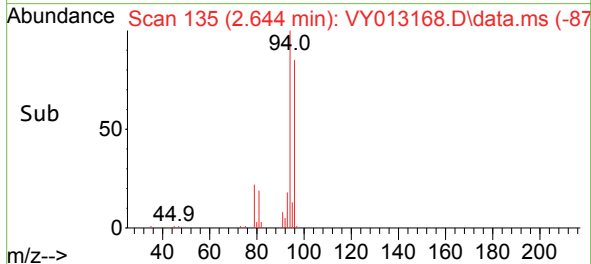
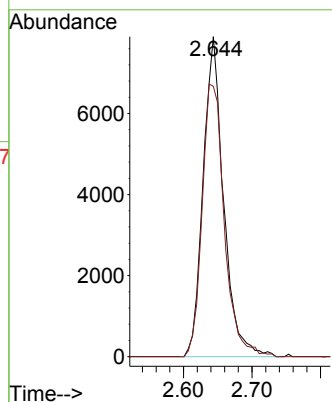
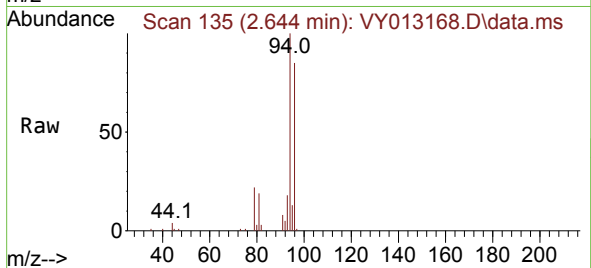
VY0403SBS01

Tgt Ion: 94 Resp: 16378

Ion Ratio Lower Upper

94 100

96 84.5 80.3 120.5



#6

Chloroethane

Concen: 16.578 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY013168.D

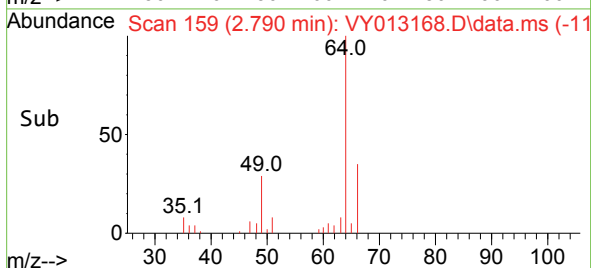
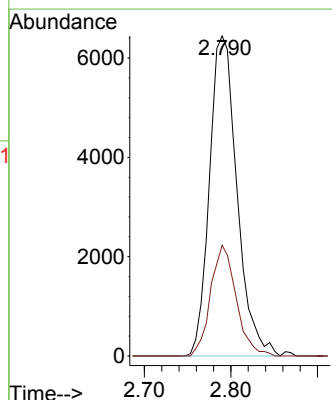
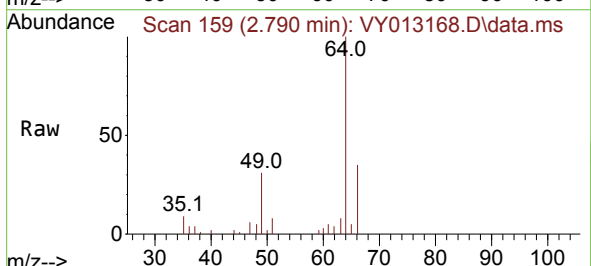
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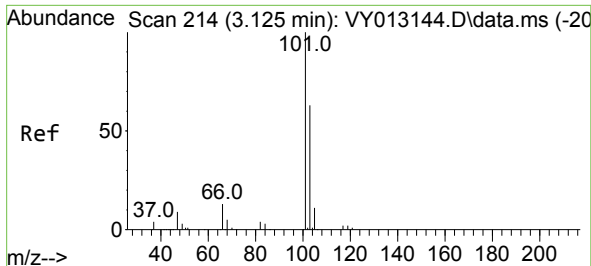
Tgt Ion: 64 Resp: 14224

Ion Ratio Lower Upper

64 100

66 34.5 25.7 38.5

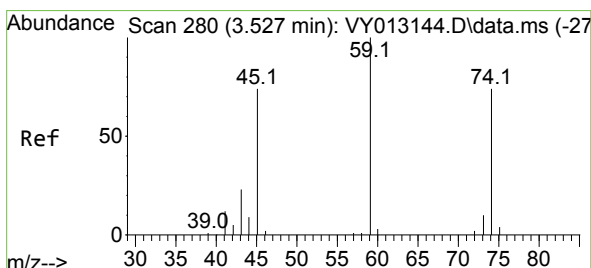
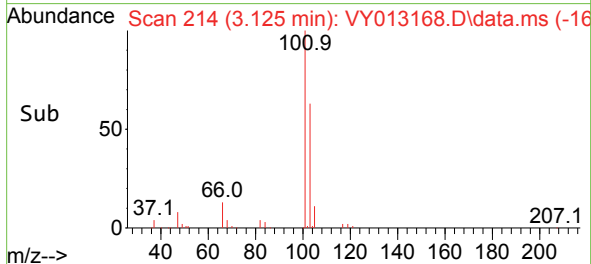
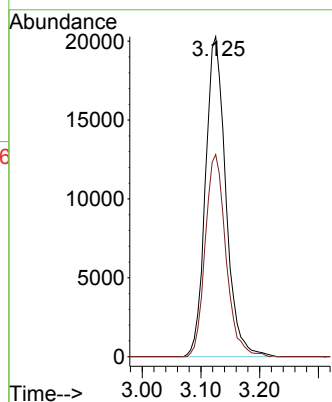
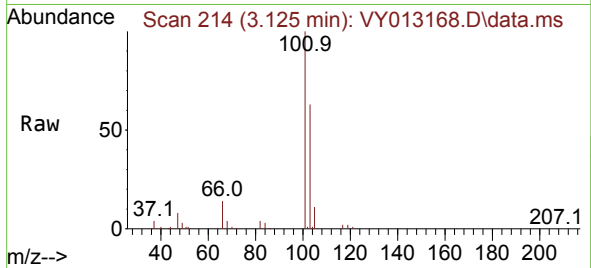




#7
 Trichlorofluoromethane
 Concen: 20.001 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

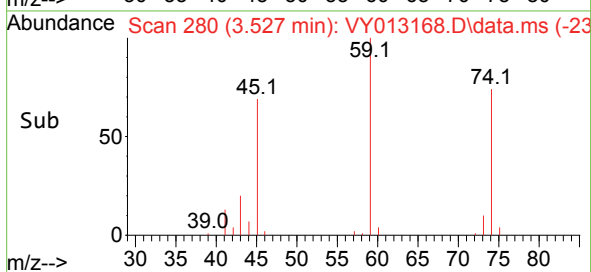
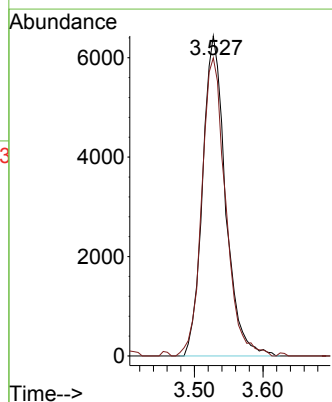
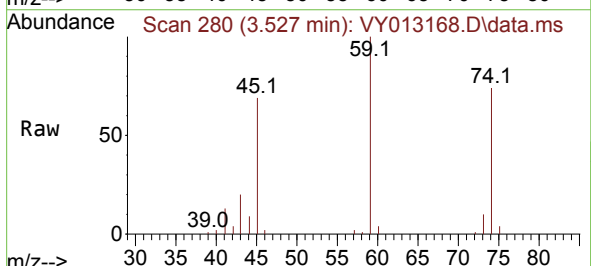
Instrument :
 MSVOA_Y
 ClientSampleId :
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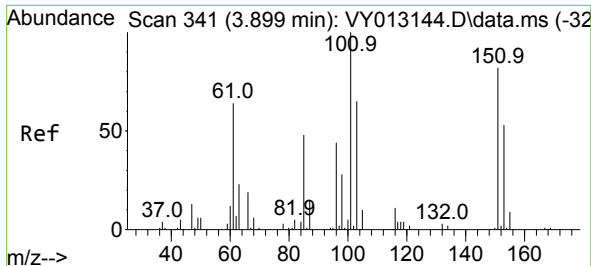
Tgt Ion: 101 Resp: 48757
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 19.552 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

Tgt Ion: 74 Resp: 14967
 Ion Ratio Lower Upper
 74 100
 45 96.6 52.1 156.4

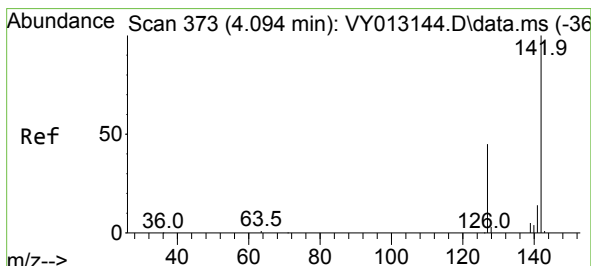
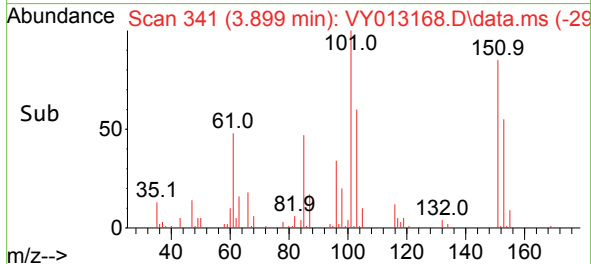
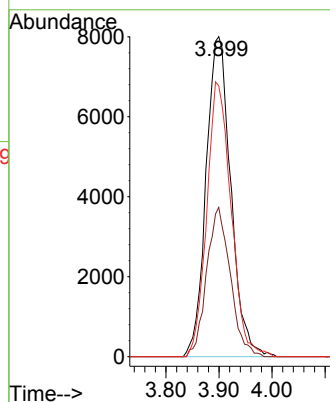
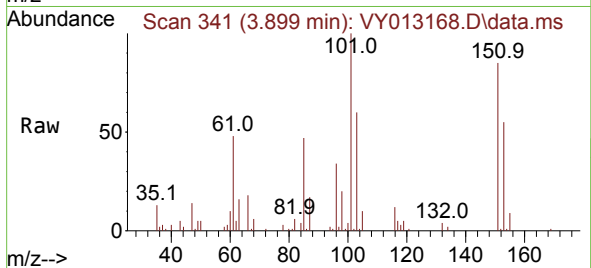




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.272 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

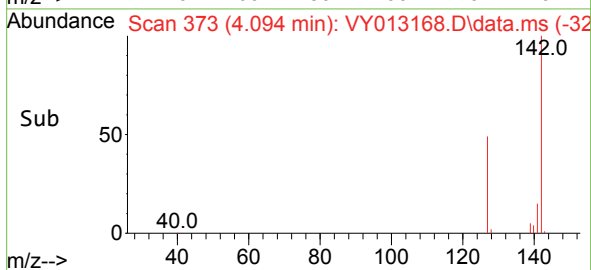
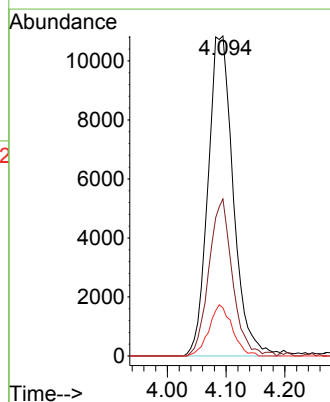
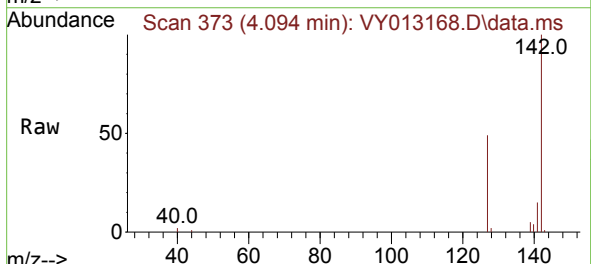
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

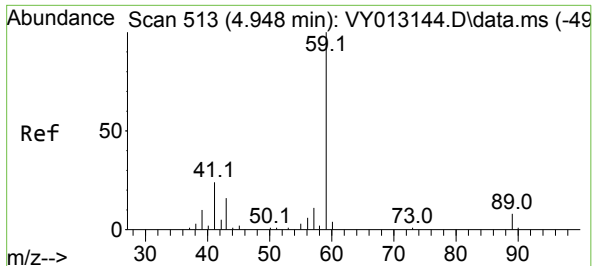
Tgt Ion:101 Resp: 25901
Ion Ratio Lower Upper
101 100
85 44.7 35.3 52.9
151 84.5 63.1 94.7



#10
Methyl Iodide
Concen: 18.553 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion:142 Resp: 32471
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.2
141 14.7 11.3 16.9

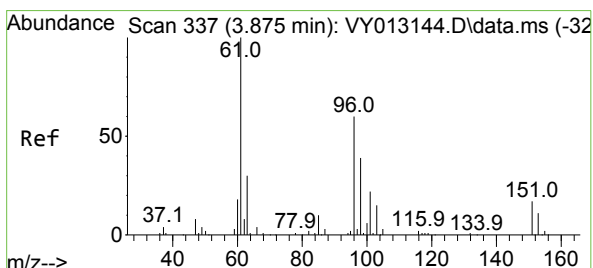
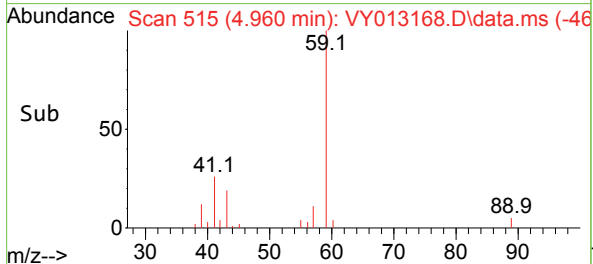
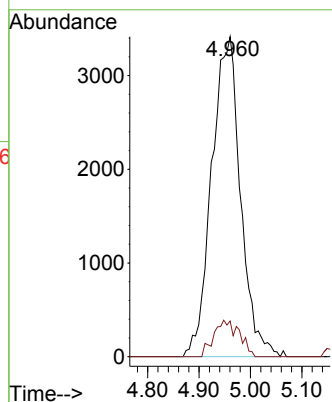
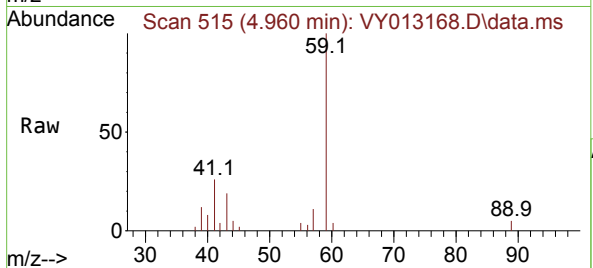




#11
Tert butyl alcohol
Concen: 102.756 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

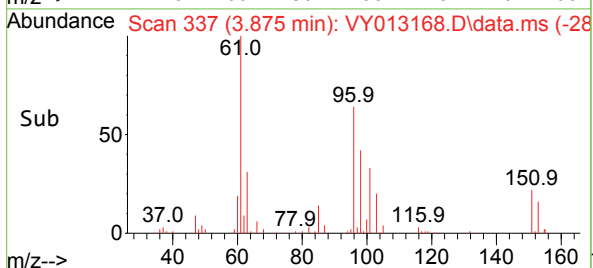
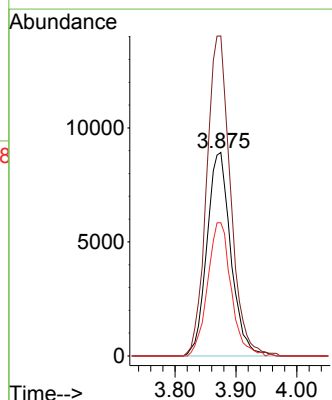
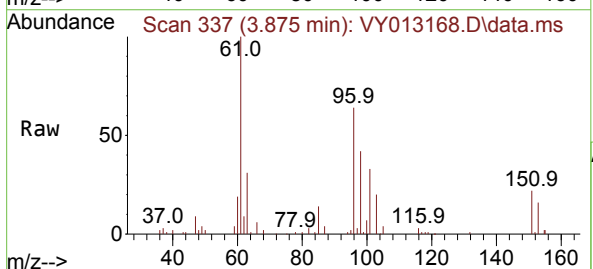
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

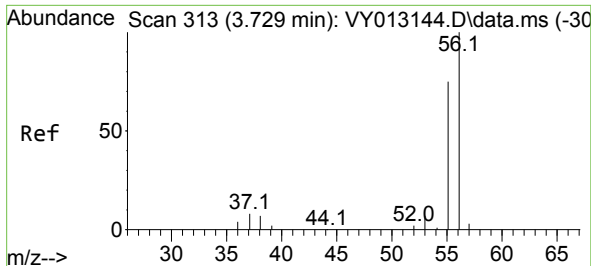
Tgt Ion: 59 Resp: 13301
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.738 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 96 Resp: 24345
Ion Ratio Lower Upper
96 100
61 157.3 131.7 197.5
98 65.5 52.0 78.0





#13

Acrolein

Concen: 91.797 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

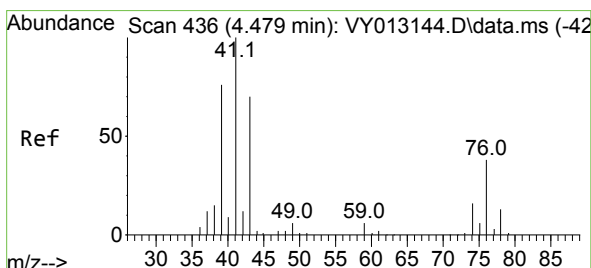
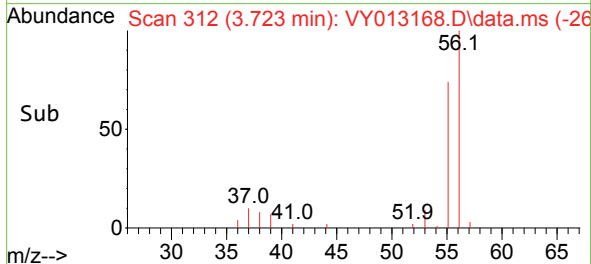
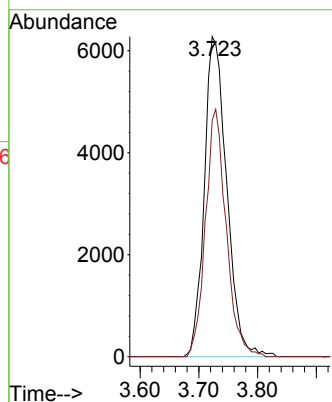
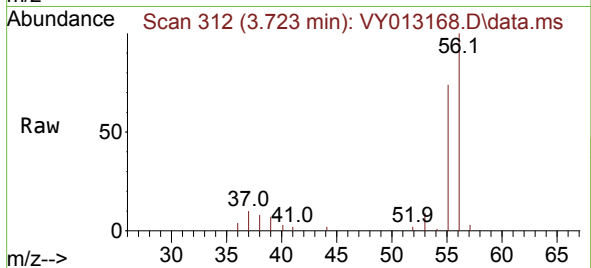
VY0403SBS01

Tgt Ion: 56 Resp: 16675

Ion Ratio Lower Upper

56 100

55 71.3 56.8 85.2



#14

Allyl chloride

Concen: 17.065 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

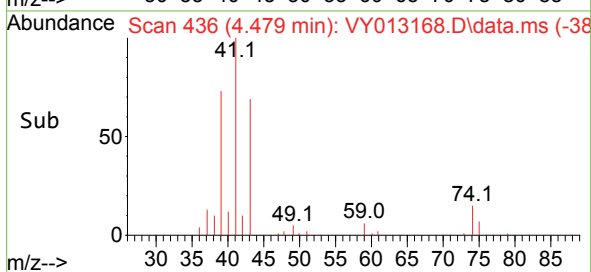
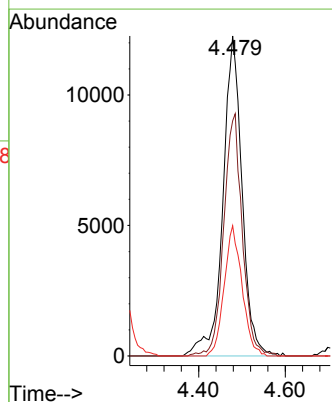
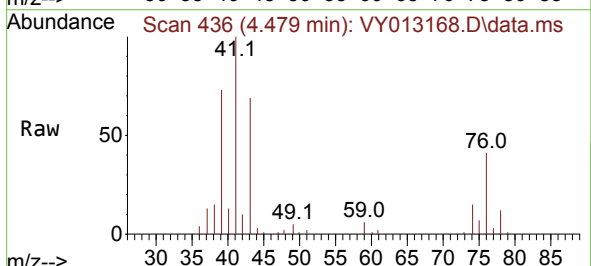
Tgt Ion: 41 Resp: 37777

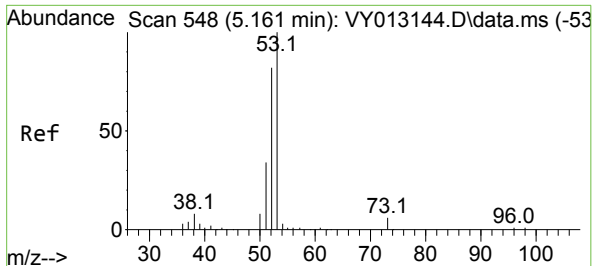
Ion Ratio Lower Upper

41 100

39 73.3 53.6 80.4

76 38.0 27.2 40.8

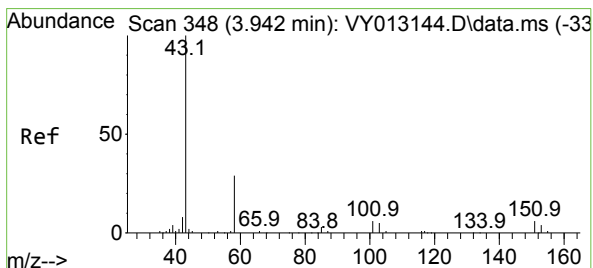
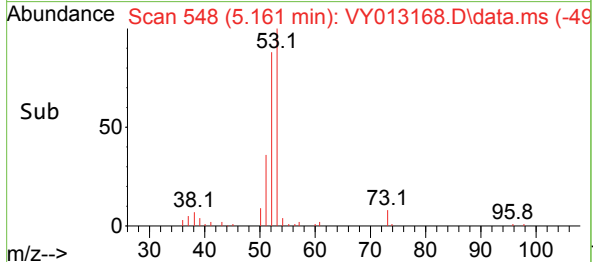
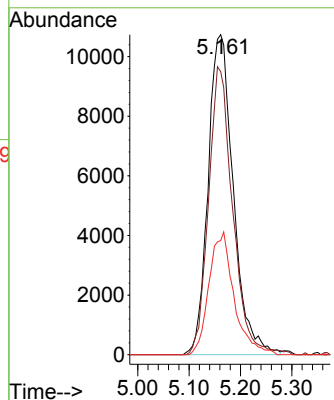
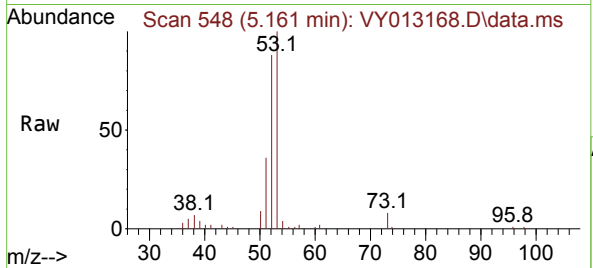




#15
Acrylonitrile
Concen: 96.364 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

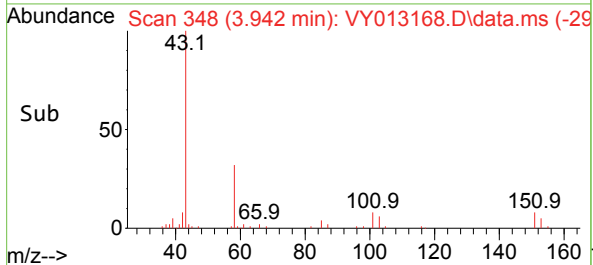
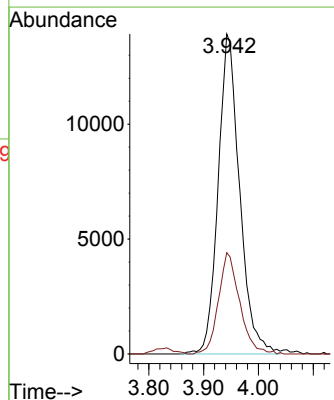
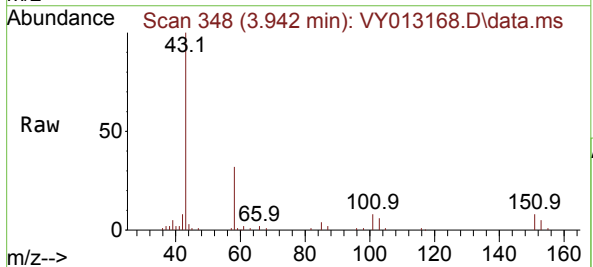
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

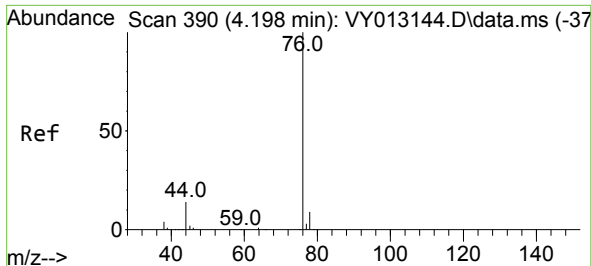
Tgt Ion: 53 Resp: 36656
Ion Ratio Lower Upper
53 100
52 86.0 66.3 99.5
51 38.0 28.8 43.2



#16
Acetone
Concen: 86.410 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 43 Resp: 37948
Ion Ratio Lower Upper
43 100
58 31.2 24.2 36.2

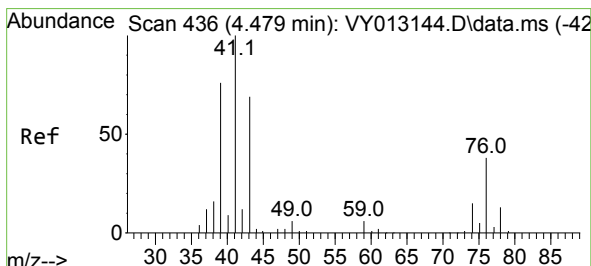
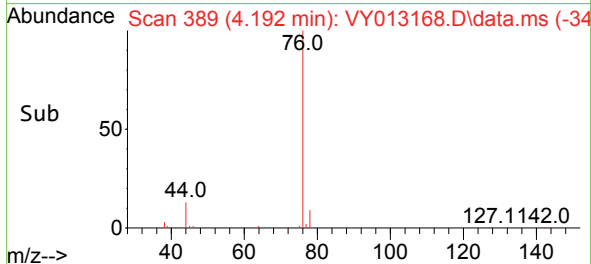
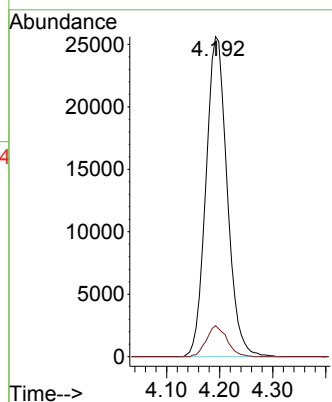
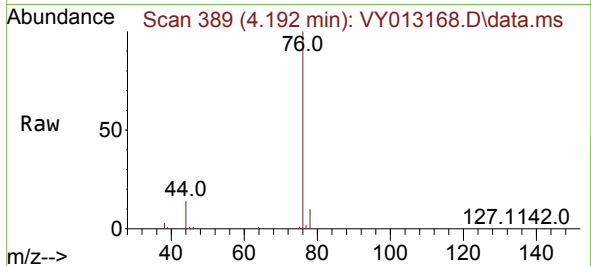




#17
Carbon Disulfide
Concen: 16.491 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

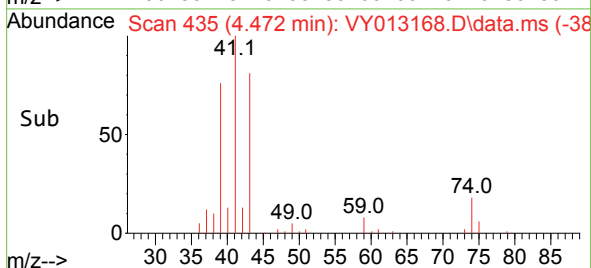
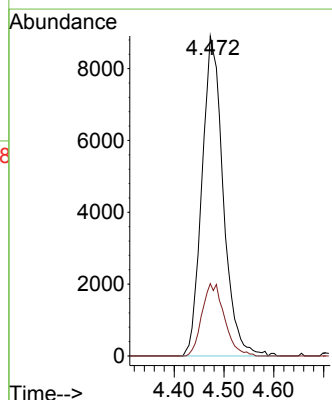
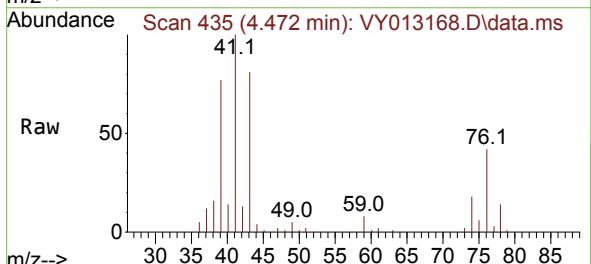
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

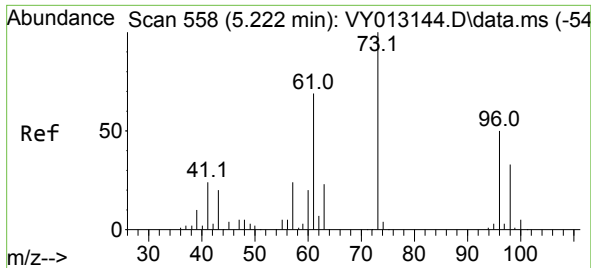
Tgt Ion: 76 Resp: 71352
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 19.075 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 43 Resp: 26396
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0

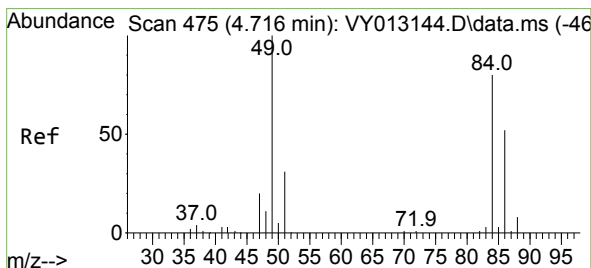
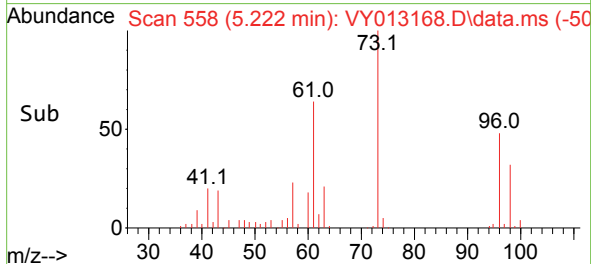
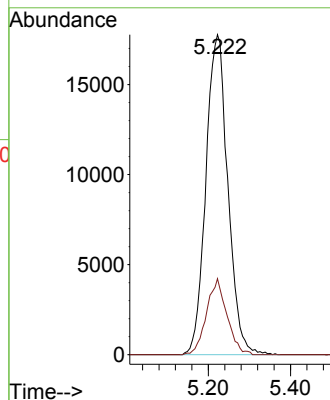
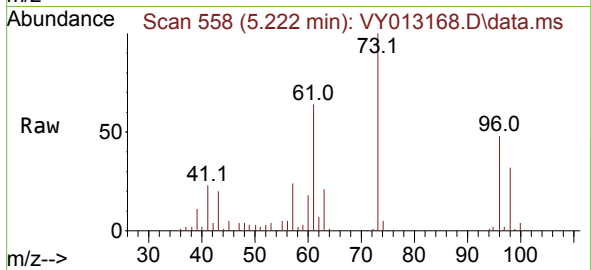




#19
Methyl tert-butyl Ether
Concen: 20.021 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

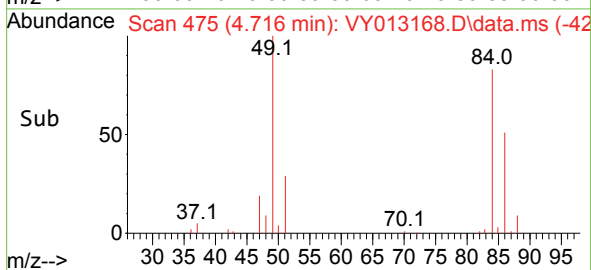
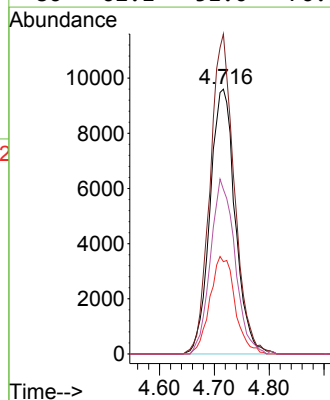
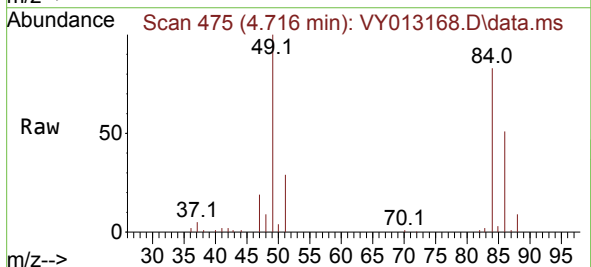
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

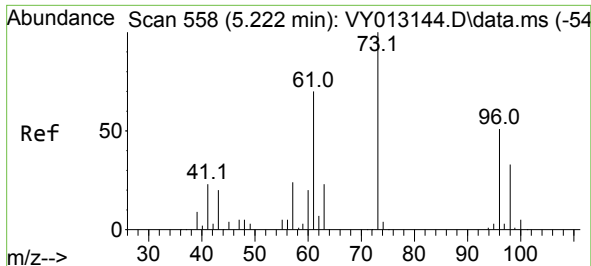
Tgt Ion: 73 Resp: 65915
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5



#20
Methylene Chloride
Concen: 16.576 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 84 Resp: 30573
Ion Ratio Lower Upper
84 100
49 120.8 102.6 154.0
51 34.9 31.9 47.9
86 62.1 51.0 76.6

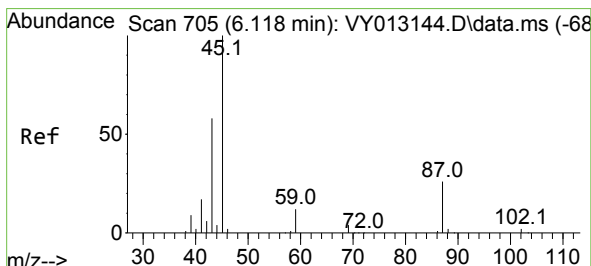
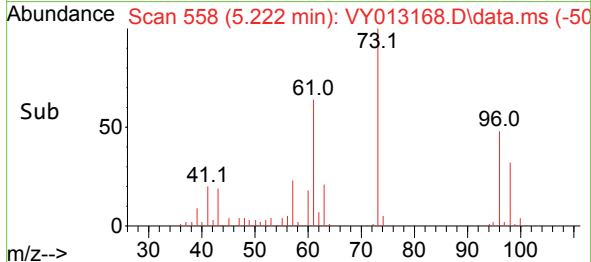
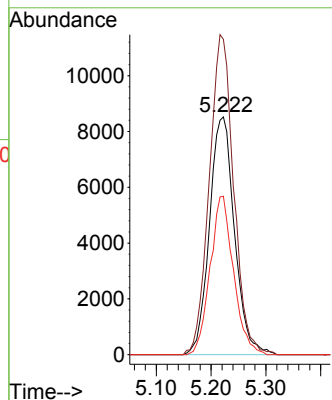
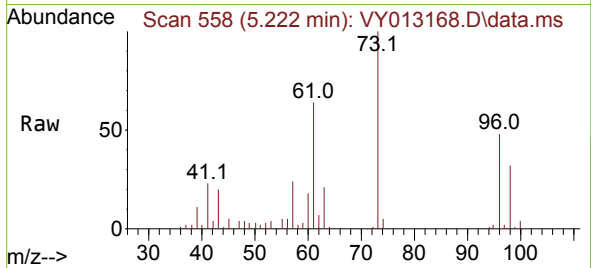




#21
trans-1,2-Dichloroethene
Concen: 18.483 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

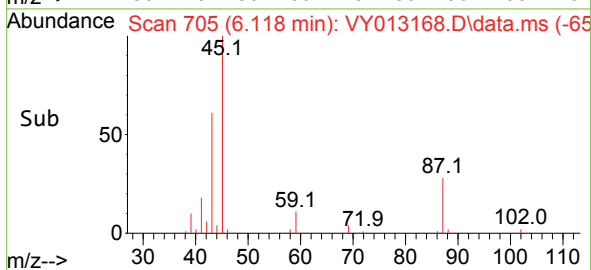
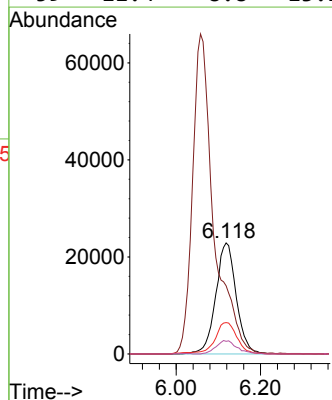
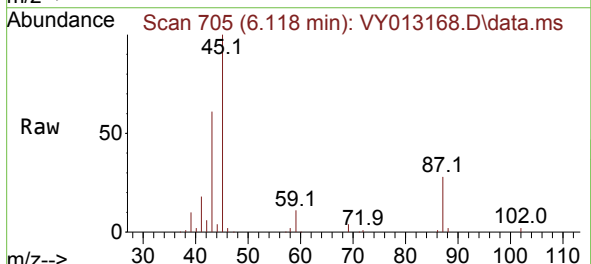
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

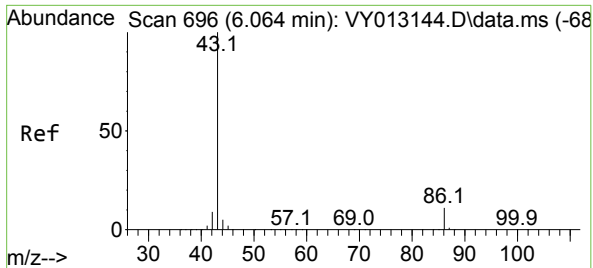
Tgt Ion: 96 Resp: 27057
Ion Ratio Lower Upper
96 100
61 132.6 111.4 167.0
98 66.7 50.8 76.2



#22
Diisopropyl ether
Concen: 17.830 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 45 Resp: 77114
Ion Ratio Lower Upper
45 100
43 60.4 45.0 67.6
87 28.2 20.3 30.5
59 11.4 8.8 13.2

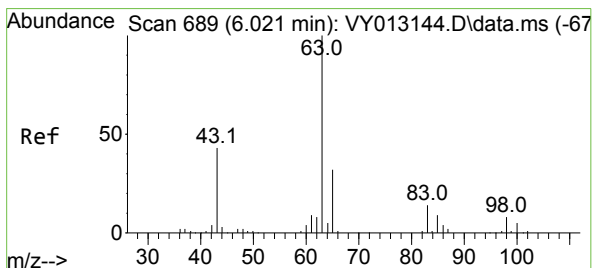
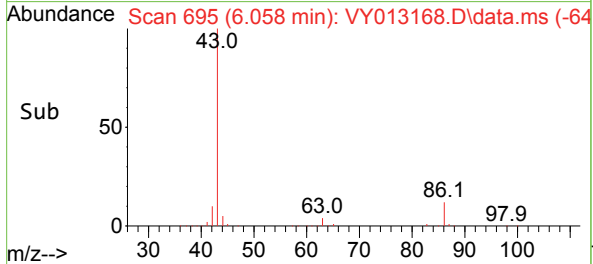
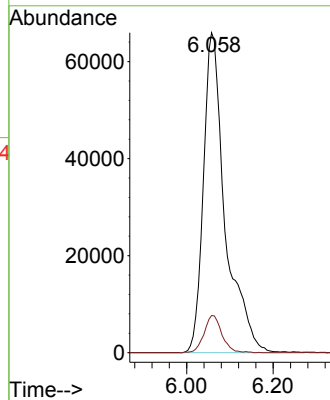
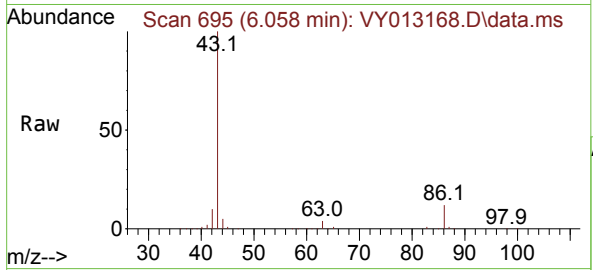




#23
 Vinyl Acetate
 Concen: 93.477 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

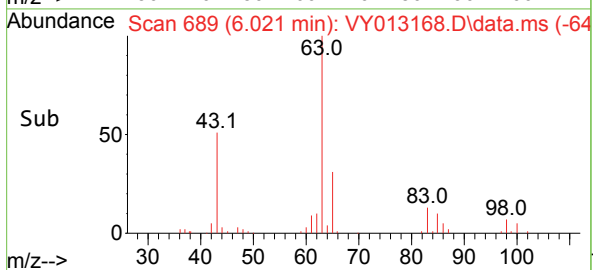
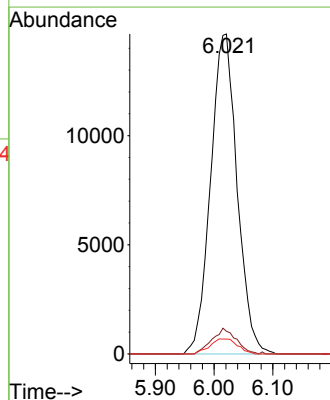
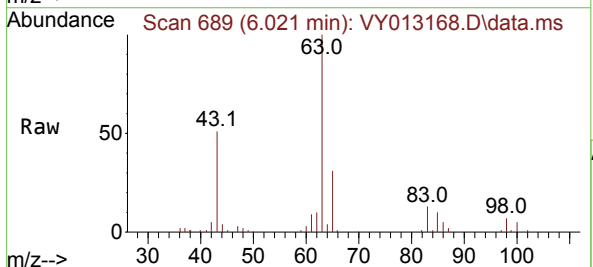
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

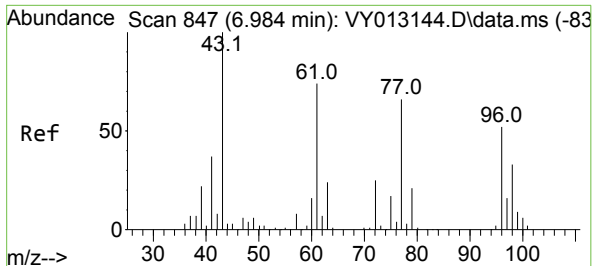
Tgt Ion: 43 Resp: 229905
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 17.951 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

Tgt Ion: 63 Resp: 45981
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.7 11.1
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 92.573 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

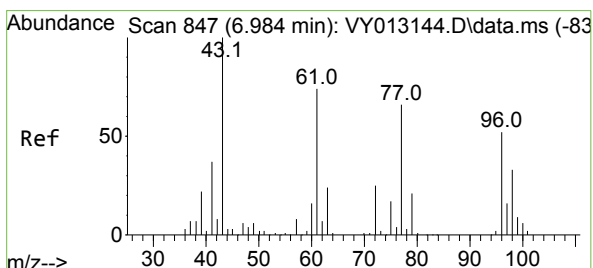
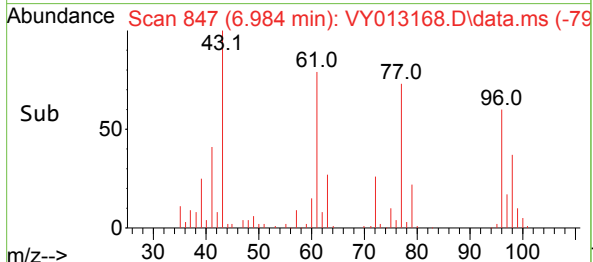
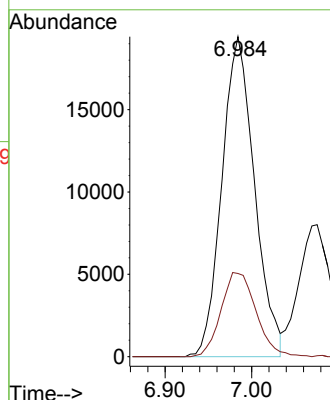
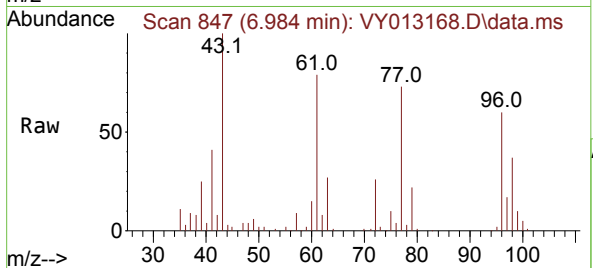
VY0403SBSD01

Tgt Ion: 43 Resp: 50835

Ion Ratio Lower Upper

43 100

72 26.0 21.0 31.4



#26

2,2-Dichloropropane

Concen: 18.865 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013168.D

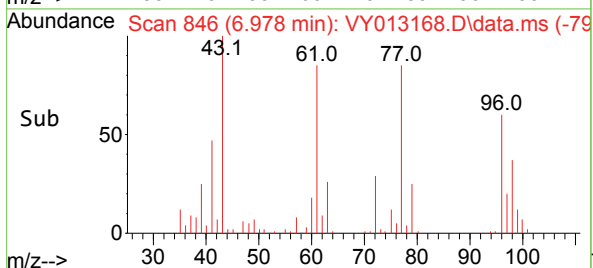
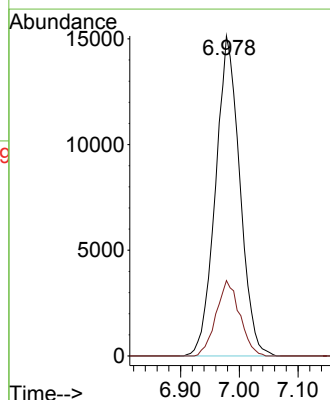
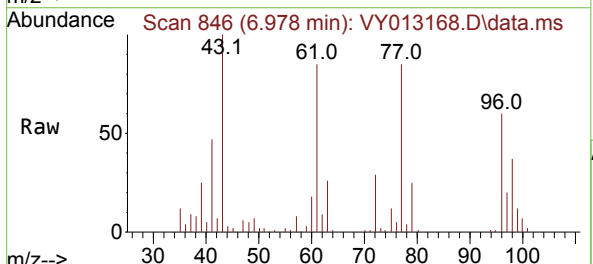
Acq: 03 Apr 2023 12:08

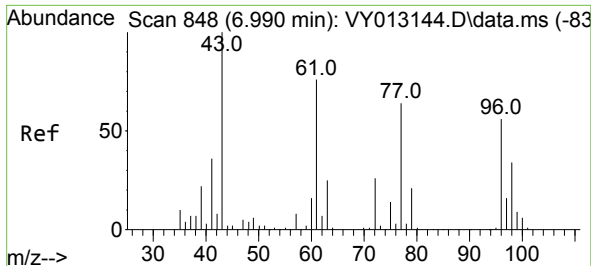
Tgt Ion: 77 Resp: 43463

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0

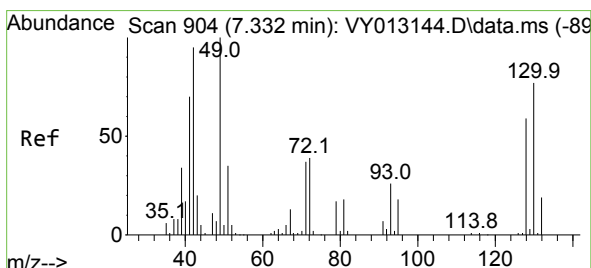
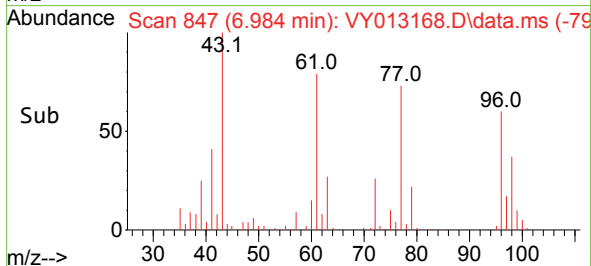
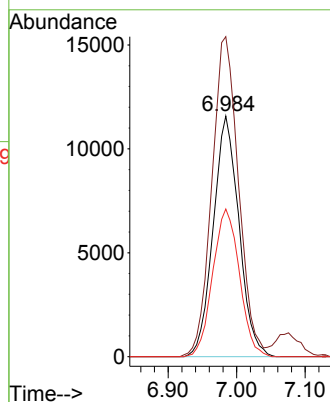
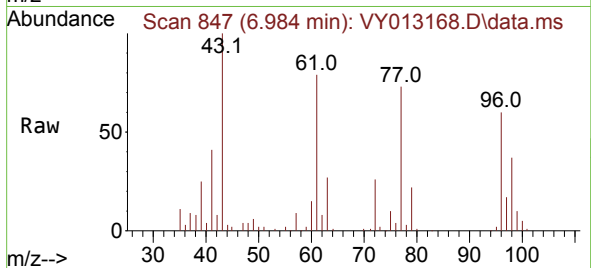




#27
 cis-1,2-Dichloroethene
 Concen: 19.140 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

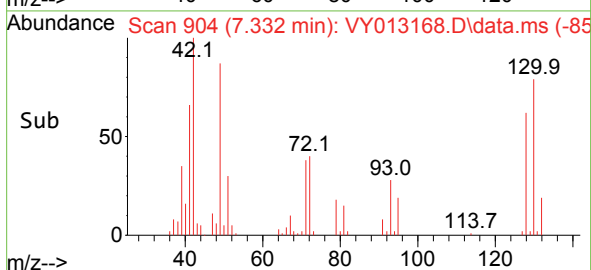
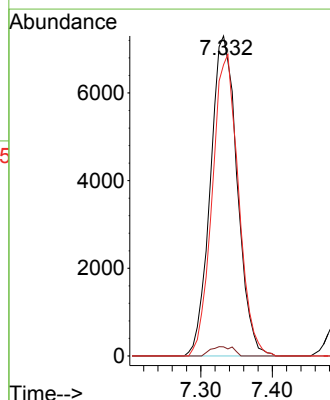
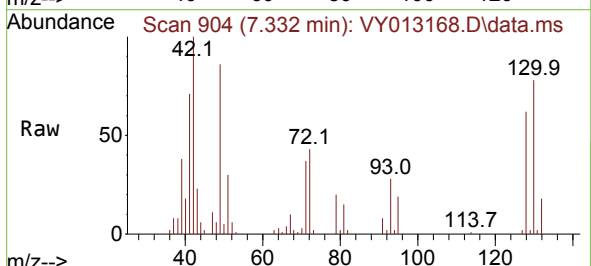
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

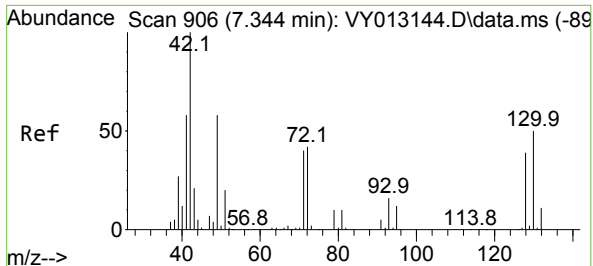
Tgt Ion: 96 Resp: 30185
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 295.8
 98 63.7 0.0 130.2



#28
 Bromochloromethane
 Concen: 17.281 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

Tgt Ion: 49 Resp: 18994
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 92.0 60.5 90.7#





#29

Tetrahydrofuran

Concen: 97.986 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

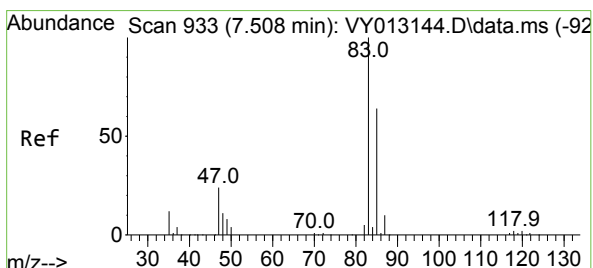
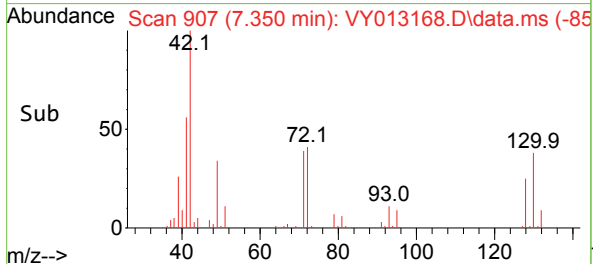
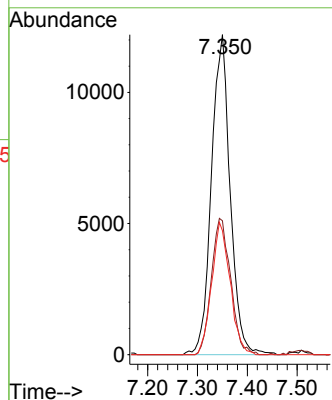
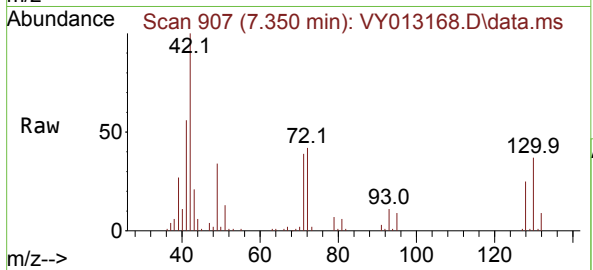
Tgt Ion: 42 Resp: 31852

Ion Ratio Lower Upper

42 100

72 43.8 32.3 48.5

71 40.6 30.3 45.5



#30

Chloroform

Concen: 18.725 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY013168.D

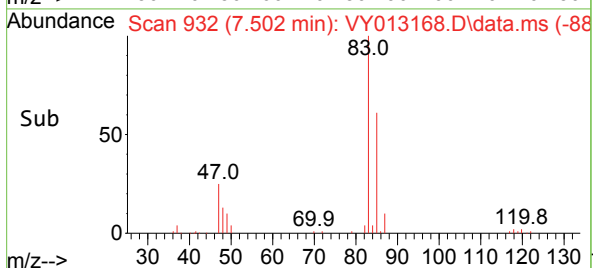
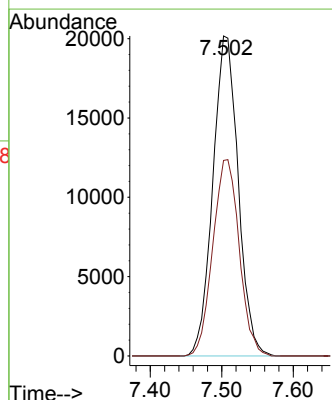
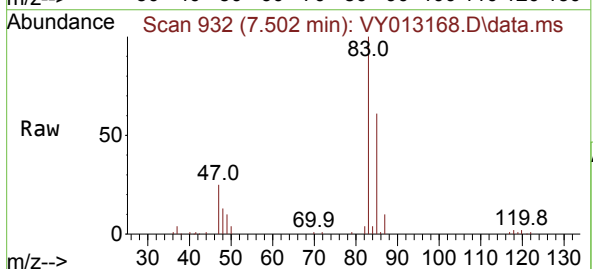
Acq: 03 Apr 2023 12:08

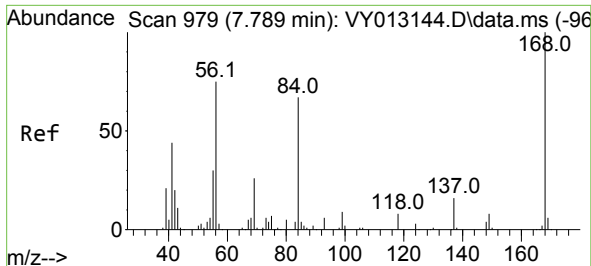
Tgt Ion: 83 Resp: 49670

Ion Ratio Lower Upper

83 100

85 61.1 51.4 77.0

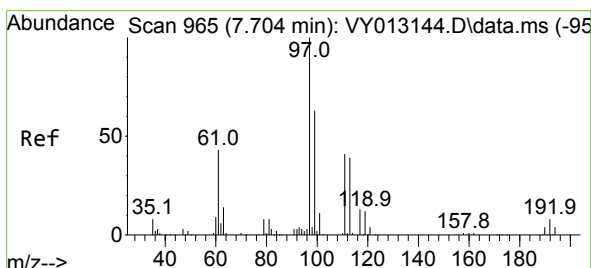
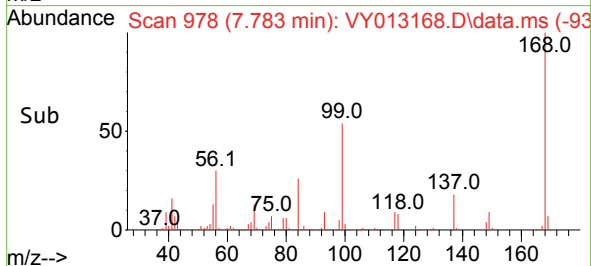
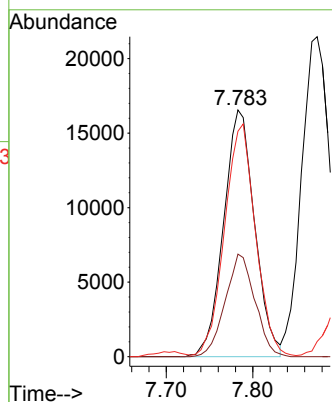
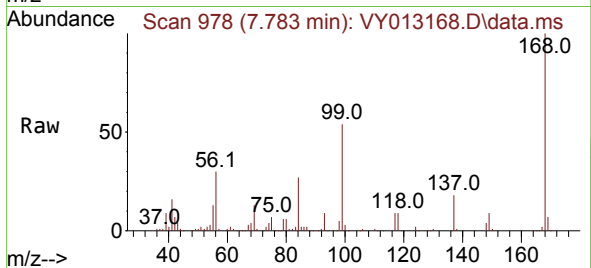




#31
Cyclohexane
Concen: 17.573 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

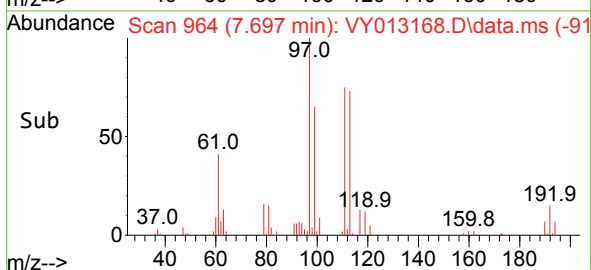
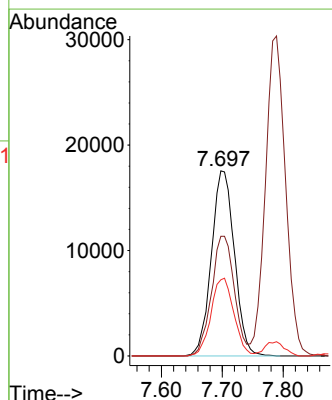
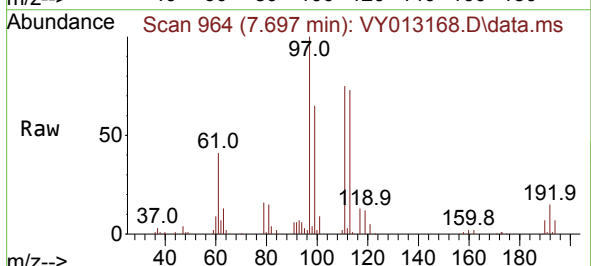
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

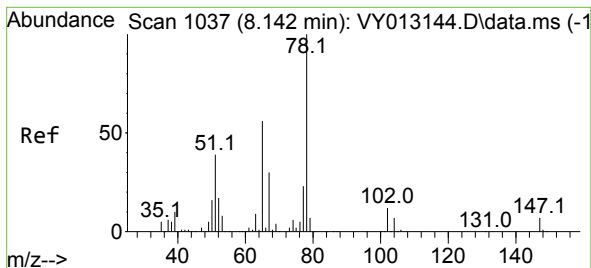
Tgt Ion: 56 Resp: 41203
Ion Ratio Lower Upper
56 100
69 41.2 25.7 38.5#
84 89.9 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.659 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 97 Resp: 46106
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 41.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.331 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

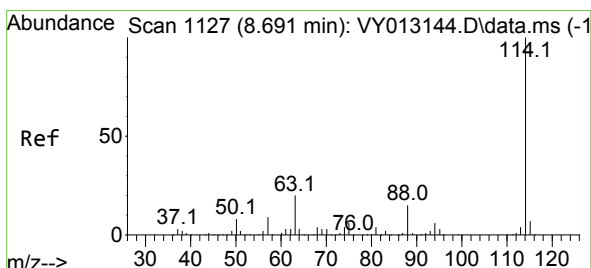
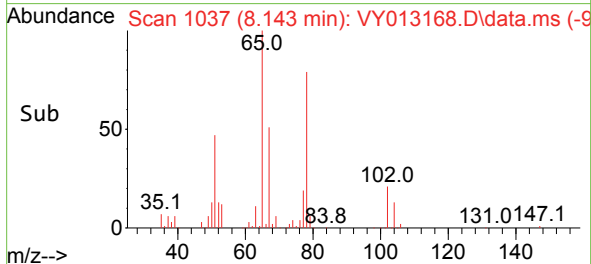
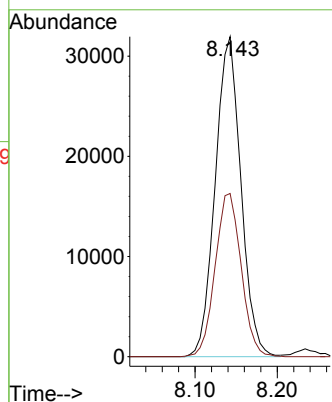
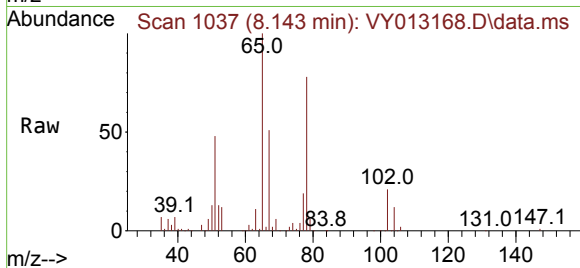
VY0403SBSD01

Tgt Ion: 65 Resp: 69412

Ion Ratio Lower Upper

65 100

67 51.5 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: VY013168.D

Acq: 03 Apr 2023 12:08

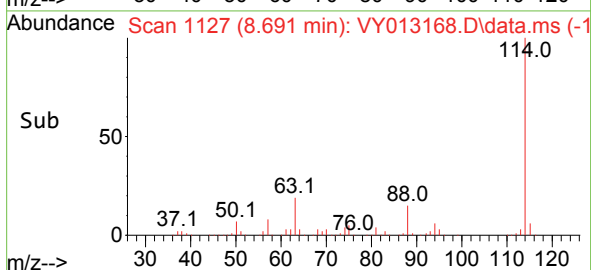
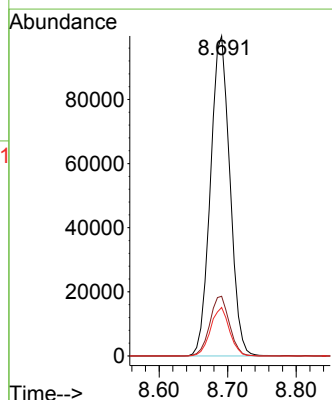
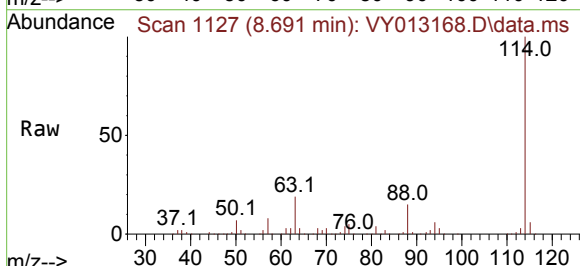
Tgt Ion: 114 Resp: 196076

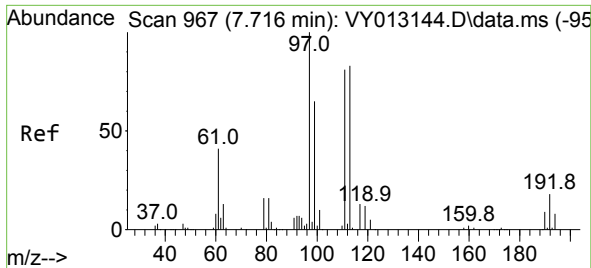
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.1 0.0 28.6

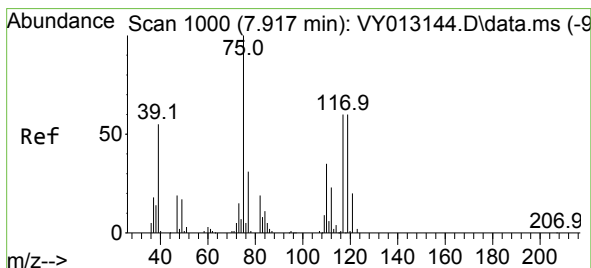
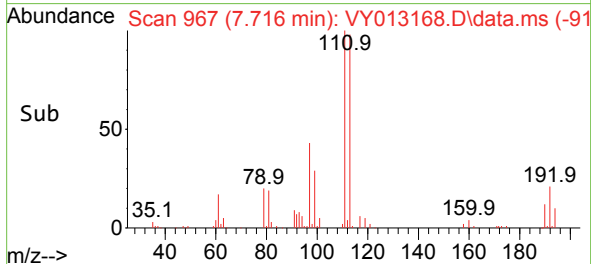
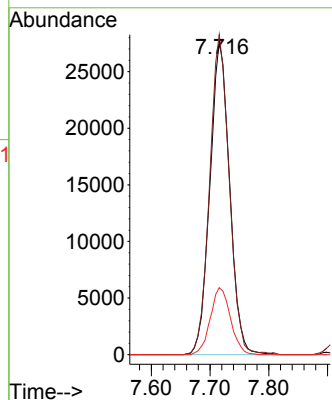
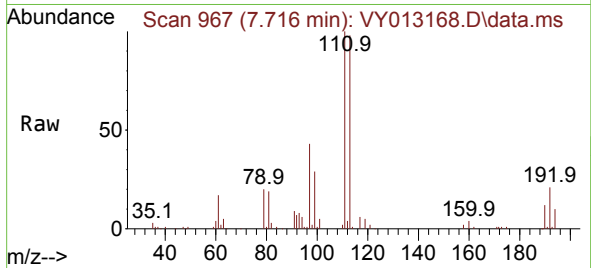




#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

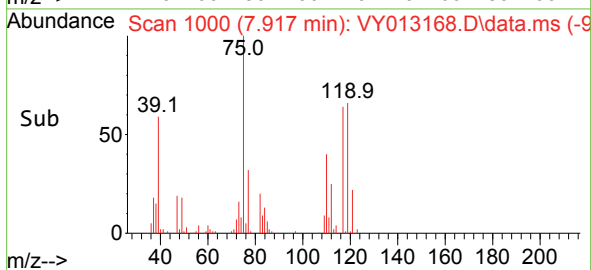
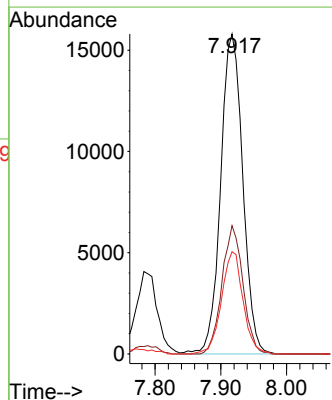
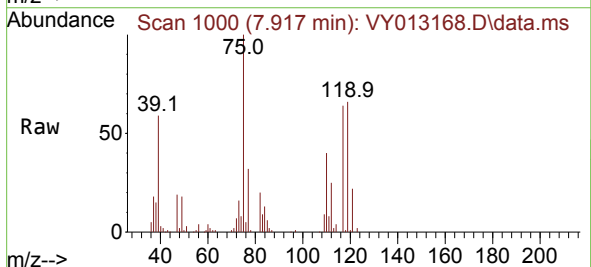
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

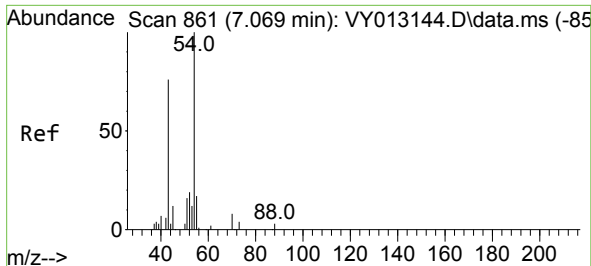
Tgt Ion:113 Resp: 64411
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.182 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 75 Resp: 36988
Ion Ratio Lower Upper
75 100
110 38.0 17.8 53.3
77 31.2 25.0 37.4

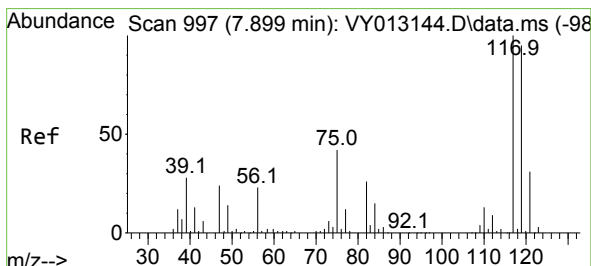
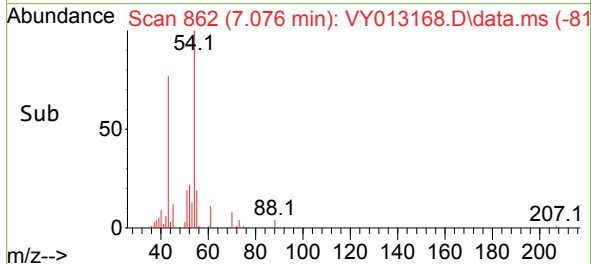
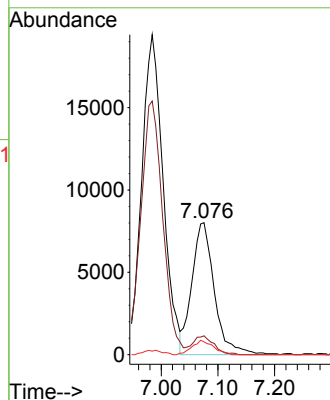
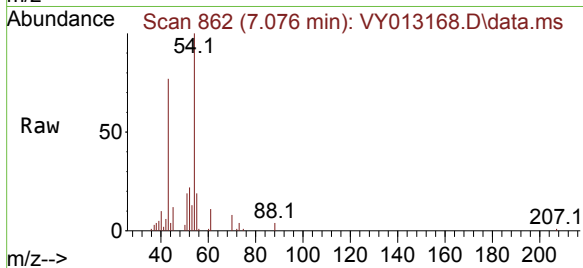




#37
Ethyl Acetate
Concen: 20.205 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.007 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

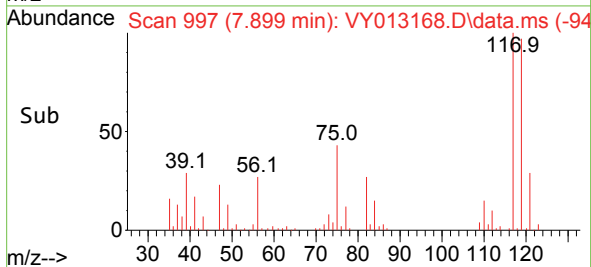
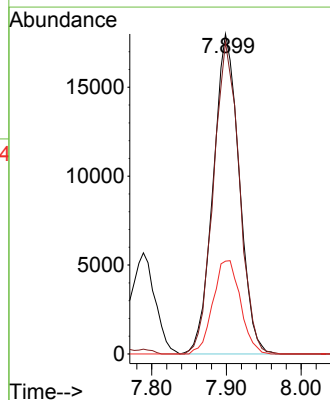
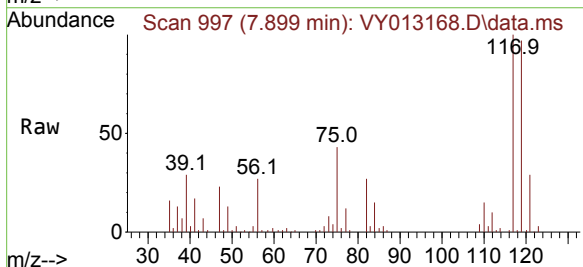
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

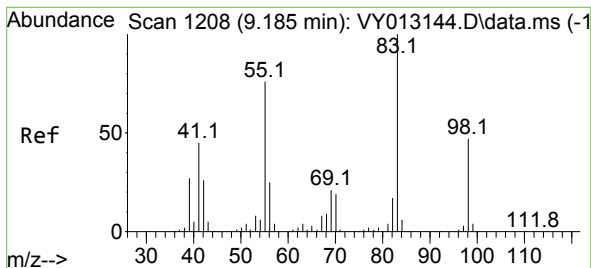
Tgt Ion: 43 Resp: 22132
Ion Ratio Lower Upper
43 100
61 13.0 10.7 16.1
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.483 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 117 Resp: 43580
Ion Ratio Lower Upper
117 100
119 97.5 77.2 115.8
121 29.0 24.7 37.1





#39

Methylcyclohexane

Concen: 19.333 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

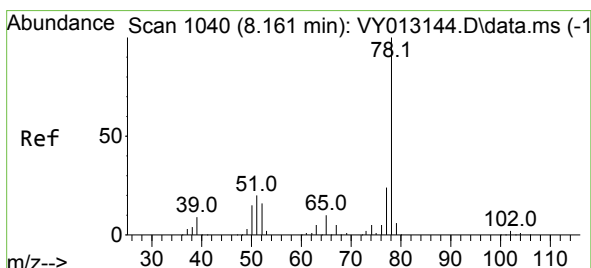
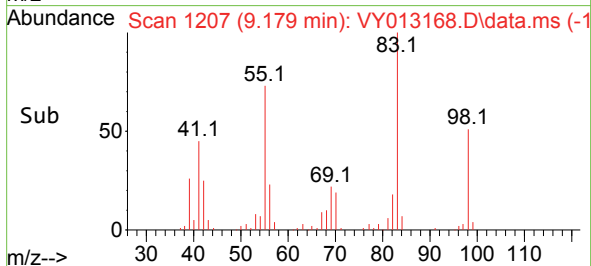
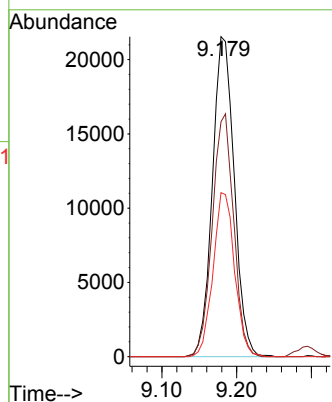
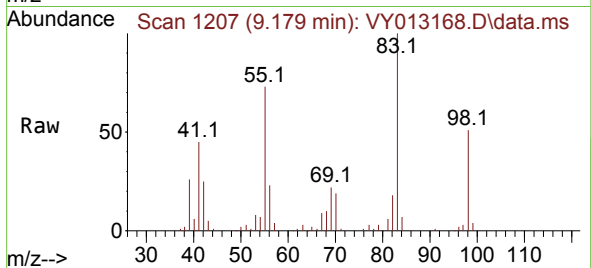
Tgt Ion: 83 Resp: 43737

Ion Ratio Lower Upper

83 100

55 73.4 60.0 90.0

98 51.3 38.3 57.5



#40

Benzene

Concen: 19.234 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013168.D

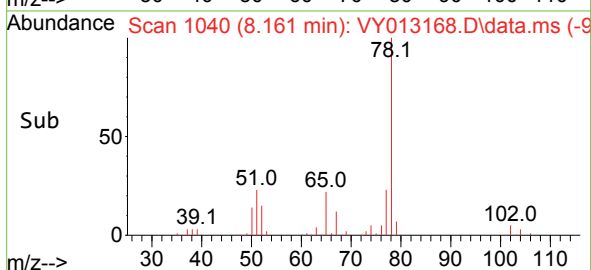
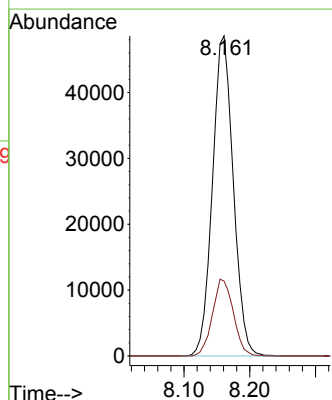
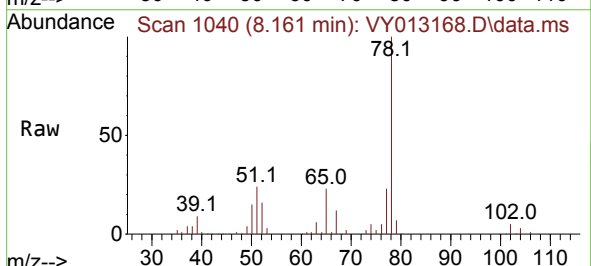
Acq: 03 Apr 2023 12:08

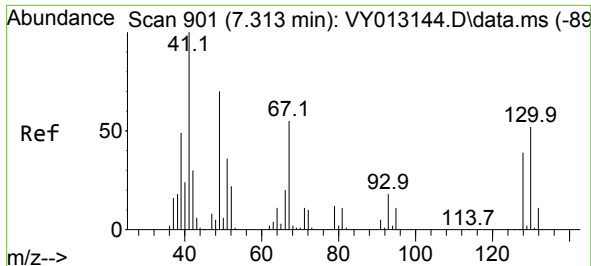
Tgt Ion: 78 Resp: 107125

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

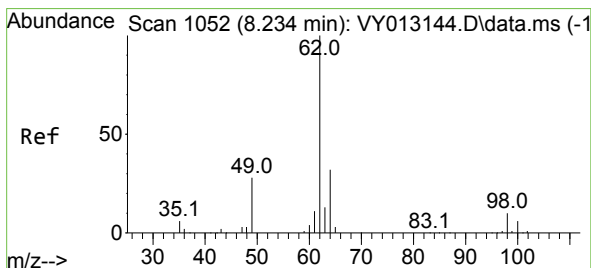
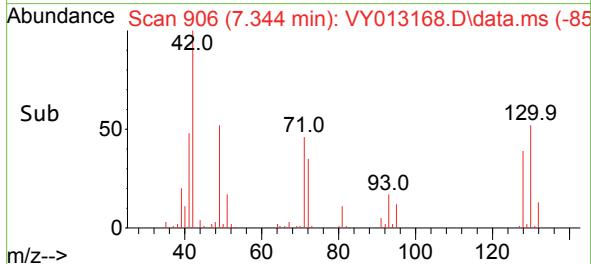
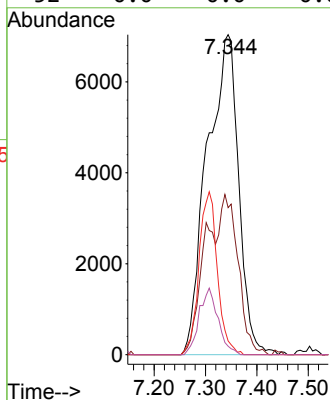
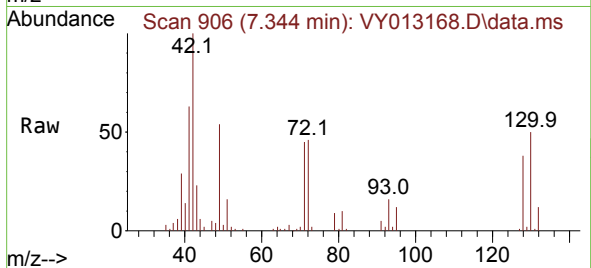




#41
Methacrylonitrile
Concen: 61.471 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

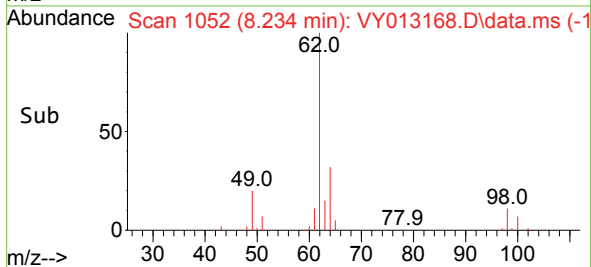
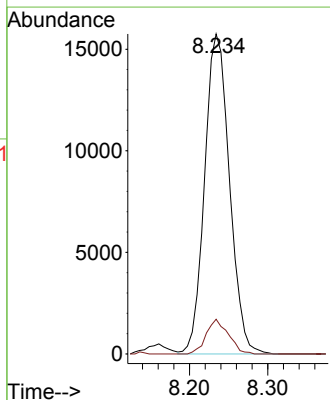
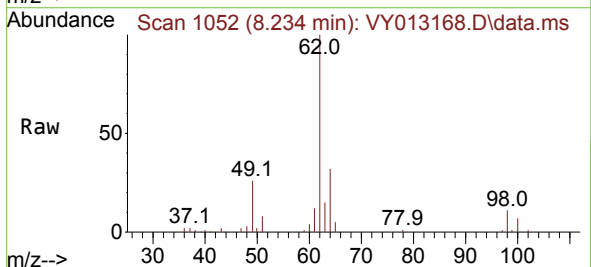
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

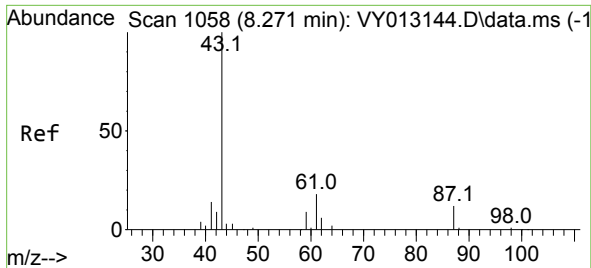
Tgt Ion:	41	Resp:	29872
Ion Ratio	Lower	Upper	
41	100		
39	30.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.357 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion:	62	Resp:	34736
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	18.8

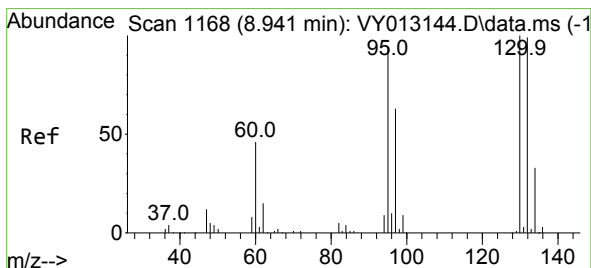
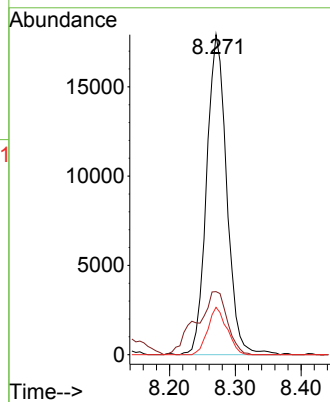
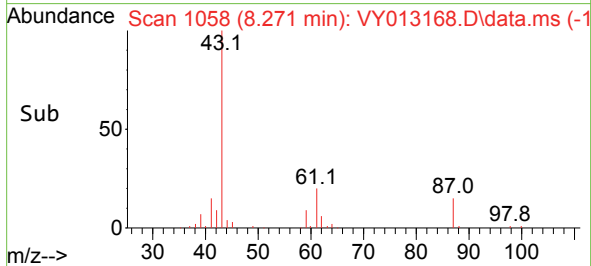
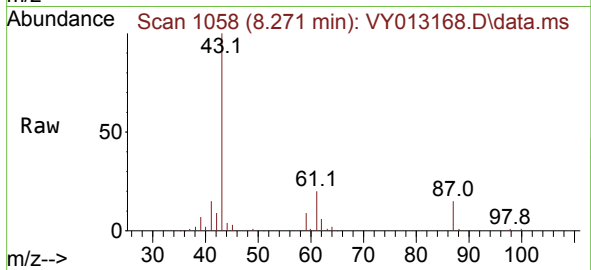




#43
Isopropyl Acetate
Concen: 19.384 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

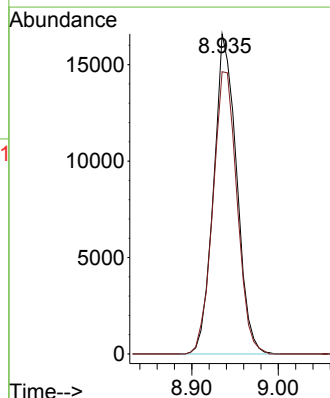
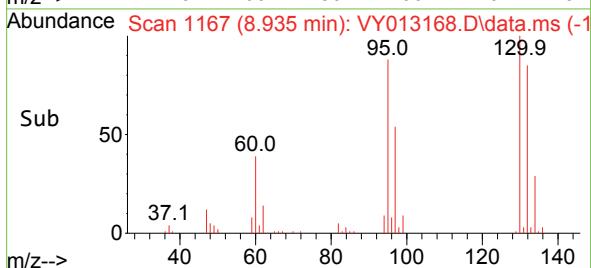
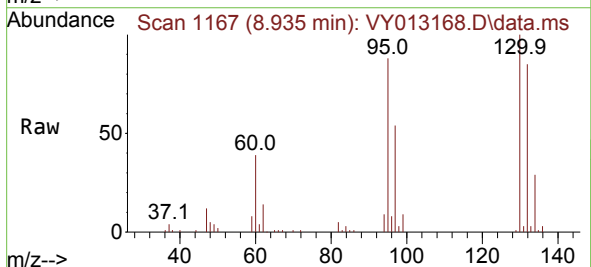
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

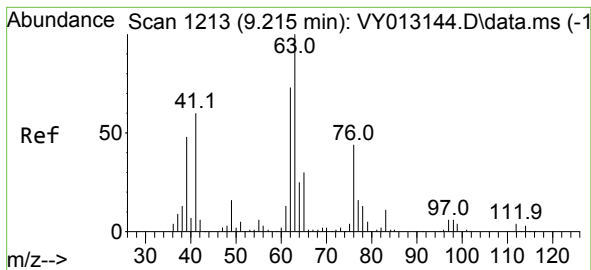
Tgt Ion:	43	Resp:	38008
Ion	Ratio	Lower	Upper
43	100		
61	30.0	21.6	32.4
87	14.0	9.9	14.9



#44
Trichloroethene
Concen: 19.915 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion:	130	Resp:	30533
Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	185.0





#45

1,2-Dichloropropane

Concen: 18.876 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

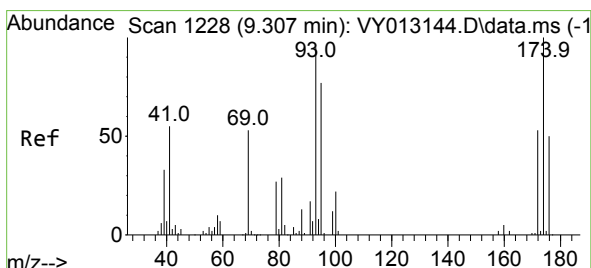
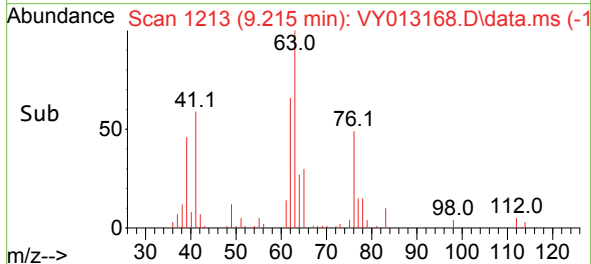
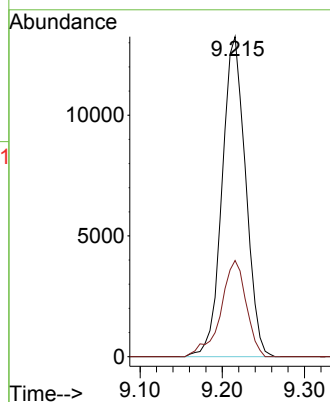
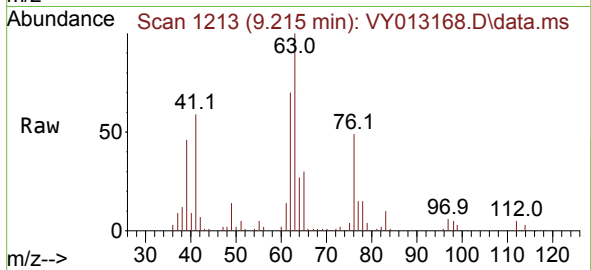
VY0403SBS01

Tgt Ion: 63 Resp: 26325

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 20.137 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

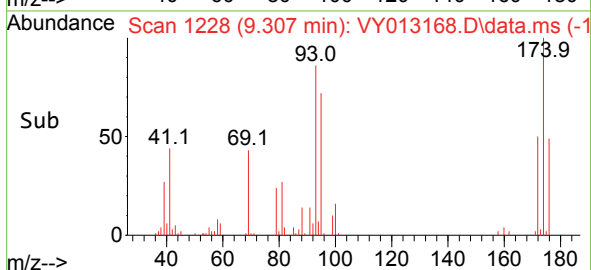
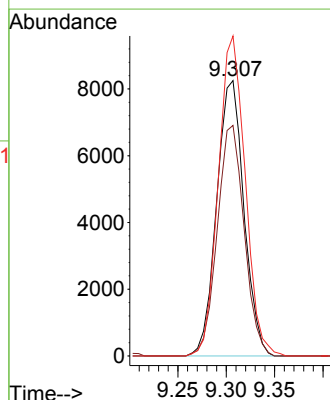
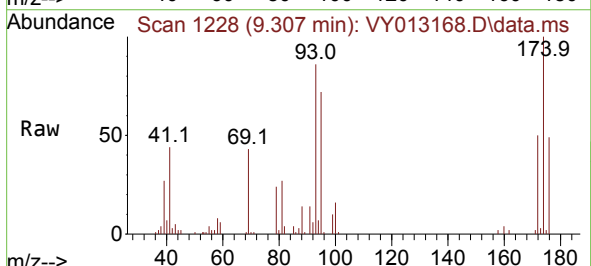
Tgt Ion: 93 Resp: 16133

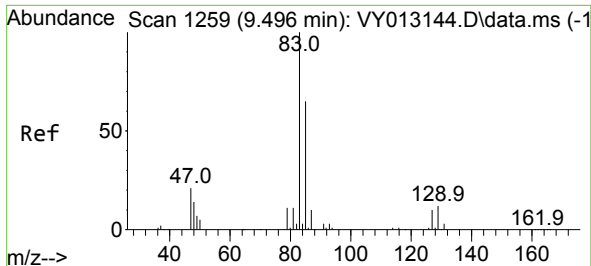
Ion Ratio Lower Upper

93 100

95 82.8 65.6 98.4

174 114.5 81.3 121.9

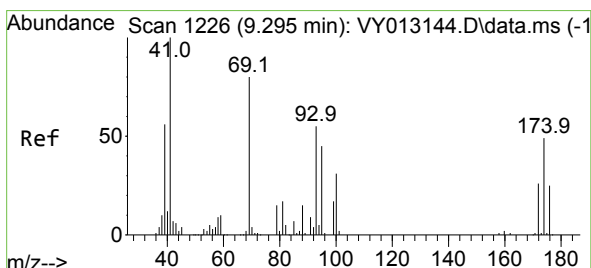
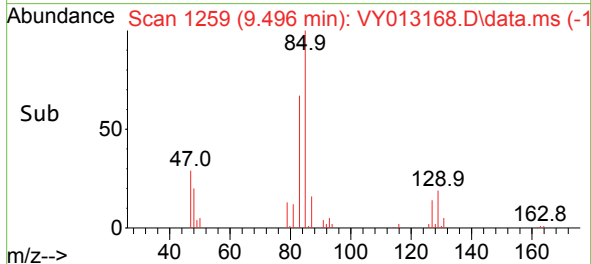
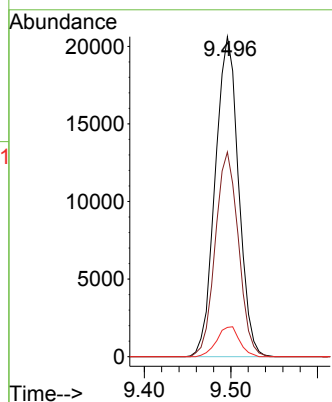
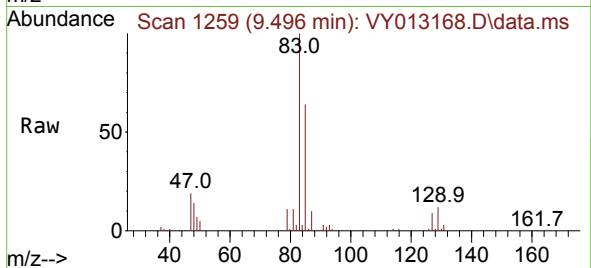




#47
Bromodichloromethane
Concen: 19.976 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

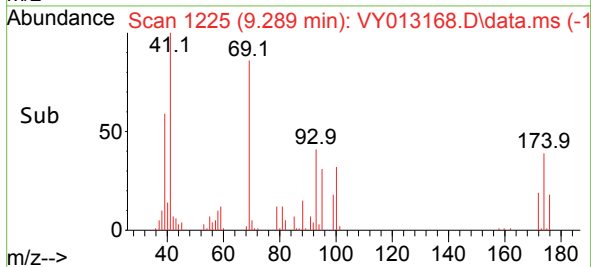
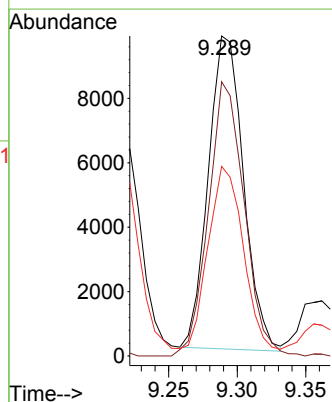
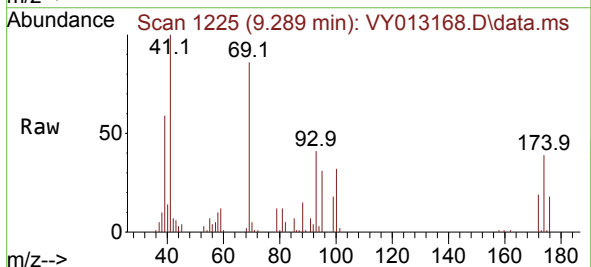
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

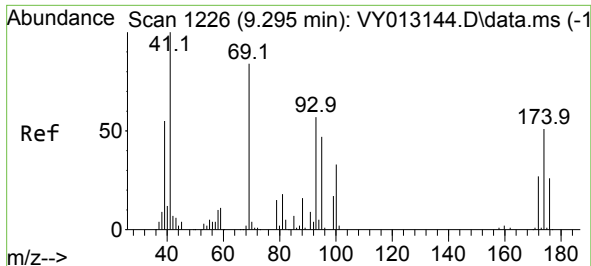
Tgt Ion: 83 Resp: 38616
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 19.019 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 41 Resp: 17368
Ion Ratio Lower Upper
41 100
69 88.9 64.1 96.1
39 58.3 44.0 66.0





#49

1,4-Dioxane

Concen: 433.739 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

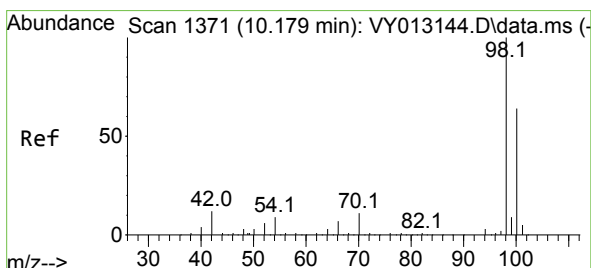
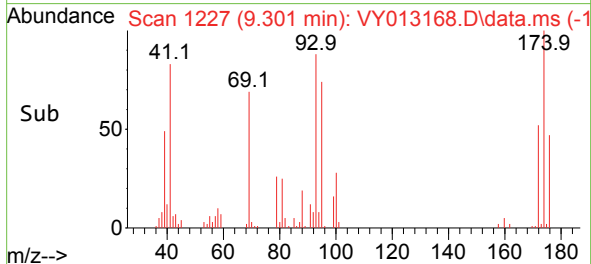
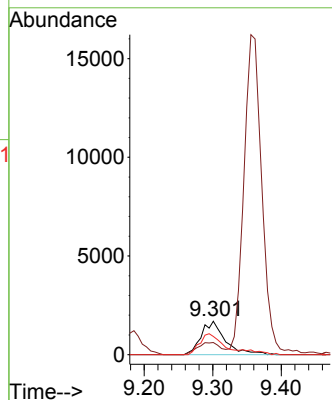
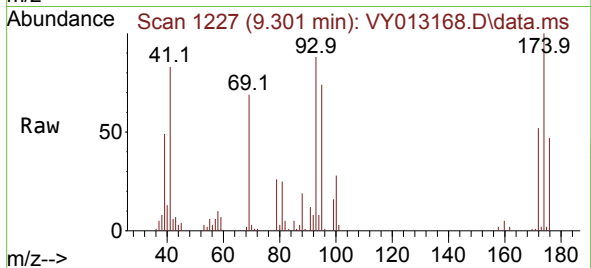
Tgt Ion: 88 Resp: 4134

Ion Ratio Lower Upper

88 100

43 35.0 28.6 42.8

58 58.8 55.2 82.8



#50

Toluene-d8

Concen: 50.626 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013168.D

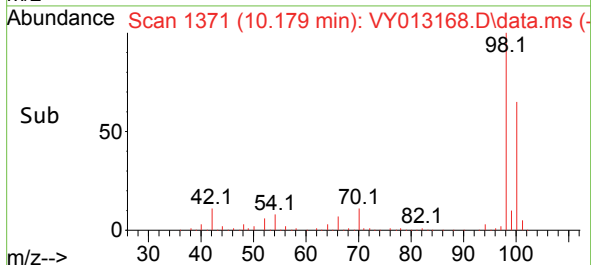
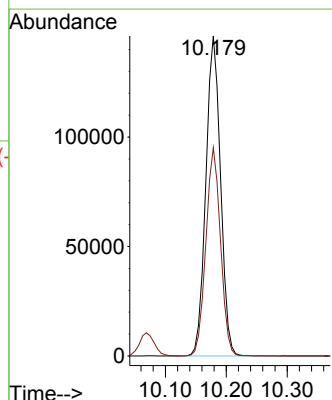
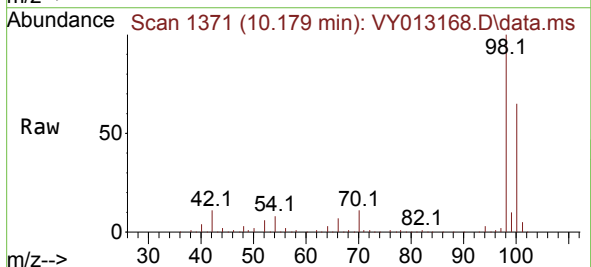
Acq: 03 Apr 2023 12:08

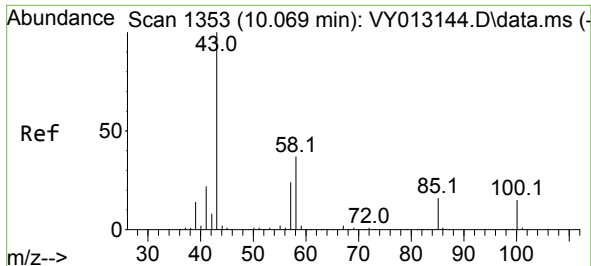
Tgt Ion: 98 Resp: 244805

Ion Ratio Lower Upper

98 100

100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 101.337 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

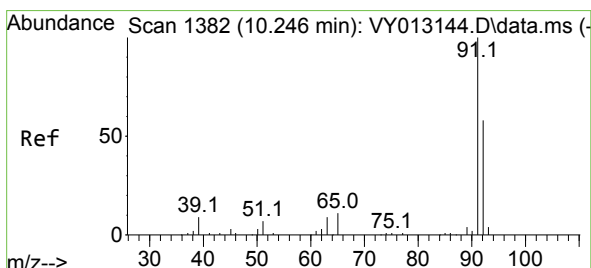
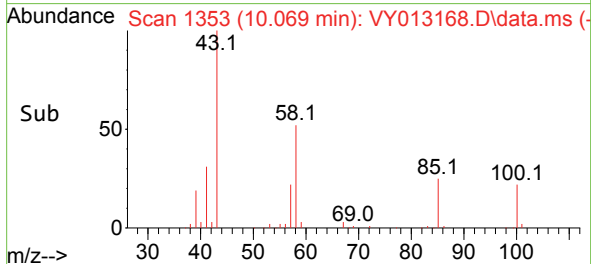
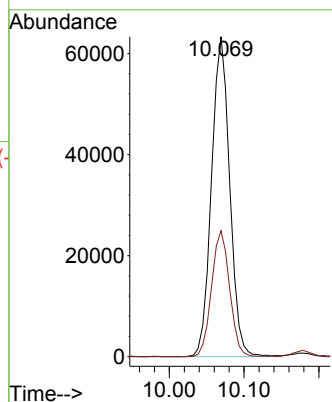
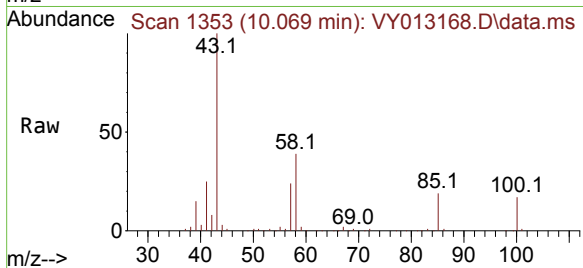
VY0403SBS01

Tgt Ion: 43 Resp: 107234

Ion Ratio Lower Upper

43 100

58 39.1 29.8 44.6



#52

Toluene

Concen: 19.706 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY013168.D

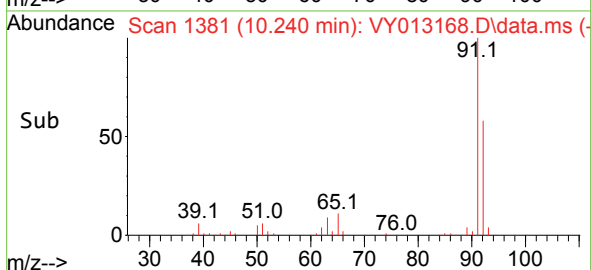
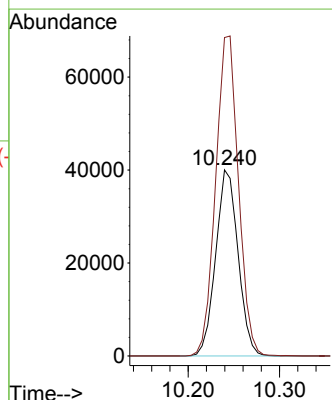
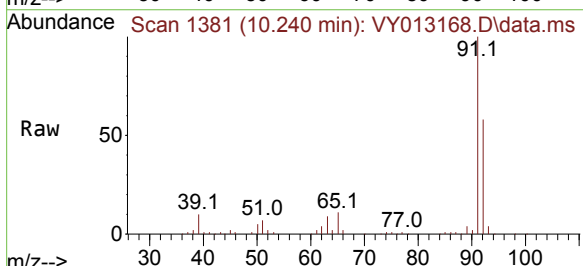
Acq: 03 Apr 2023 12:08

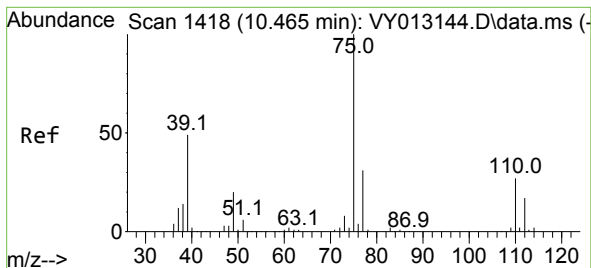
Tgt Ion: 92 Resp: 68080

Ion Ratio Lower Upper

92 100

91 175.5 141.3 211.9

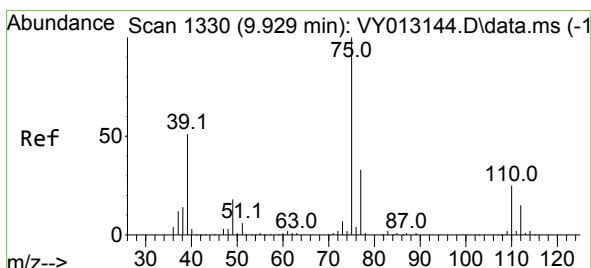
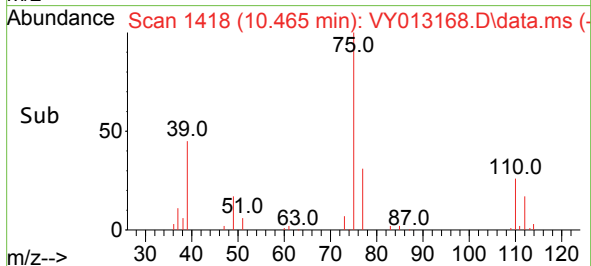
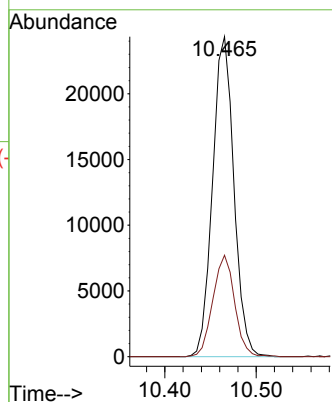
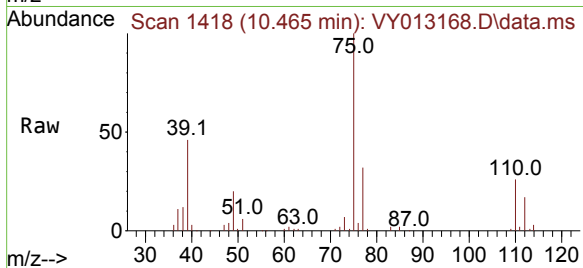




#53
 t-1,3-Dichloropropene
 Concen: 19.951 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

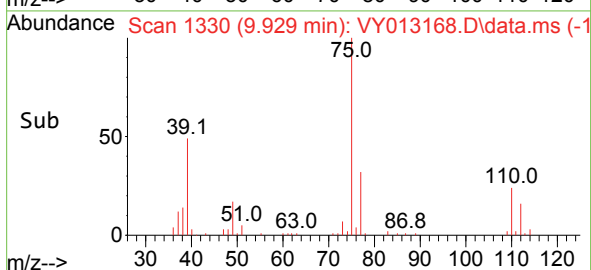
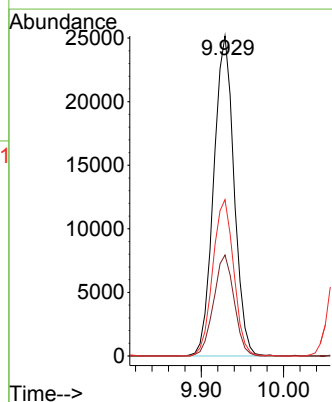
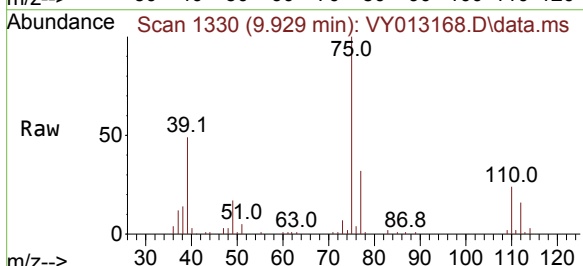
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

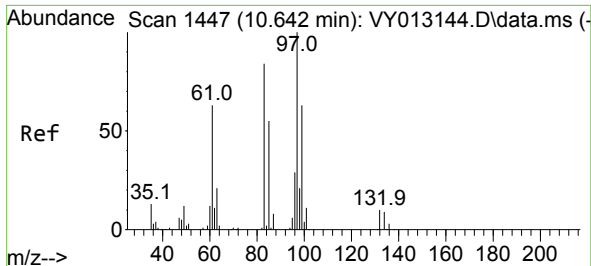
Tgt Ion: 75 Resp: 39421
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.193 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

Tgt Ion: 75 Resp: 43311
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 48.9 39.0 58.4

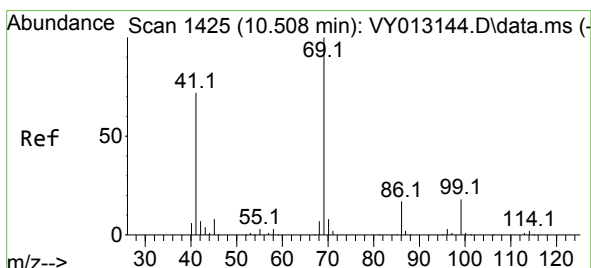
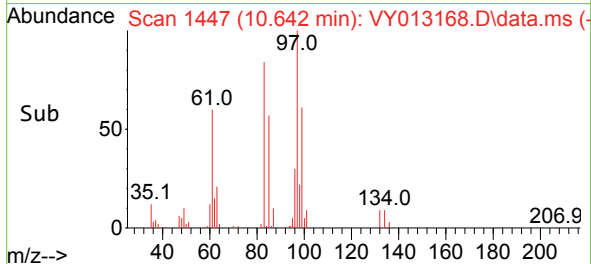
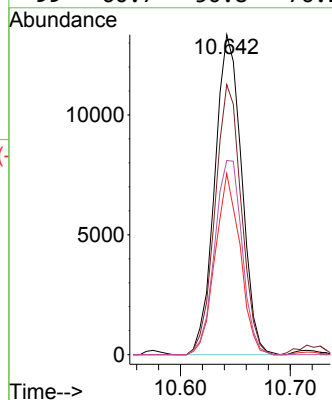
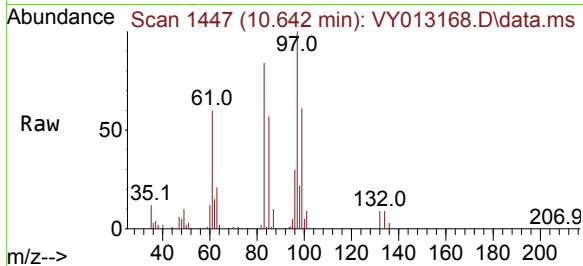




#55
1,1,2-Trichloroethane
Concen: 20.549 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

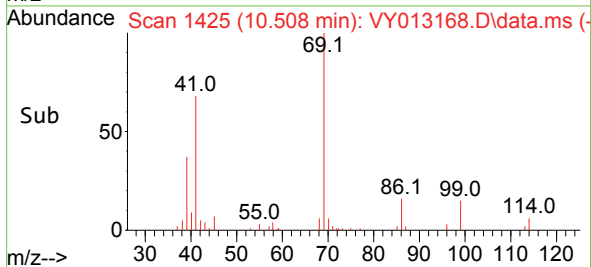
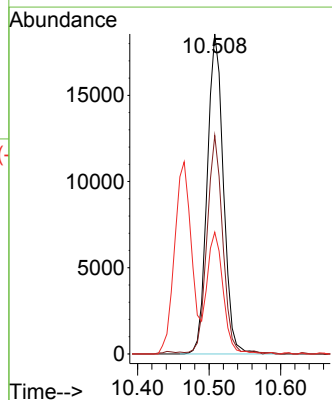
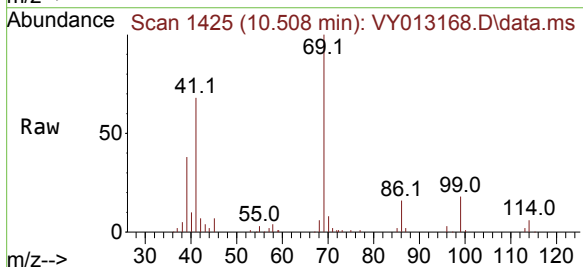
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

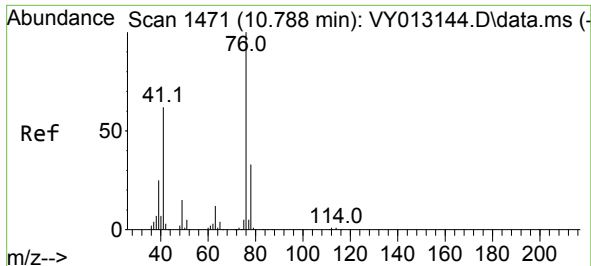
Tgt Ion:	97	Resp:	22757
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.0	103.6
85	56.6	44.9	67.3
99	60.7	50.8	76.2



#56
Ethyl methacrylate
Concen: 20.990 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion:	69	Resp:	29227
Ion	Ratio	Lower	Upper
69	100		
41	66.4	56.4	84.6
39	36.9	30.8	46.2

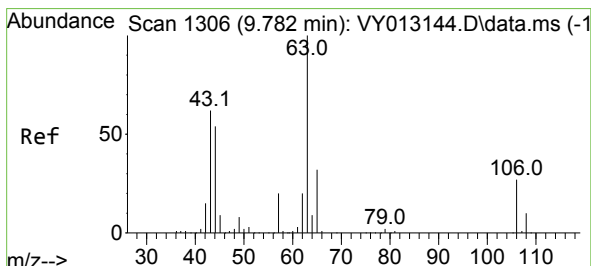
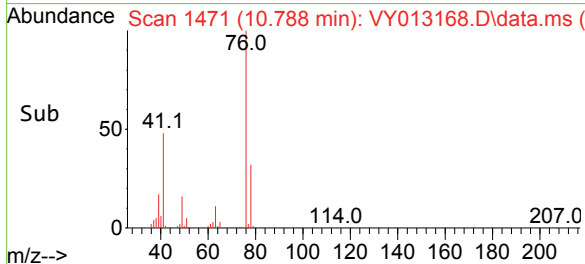
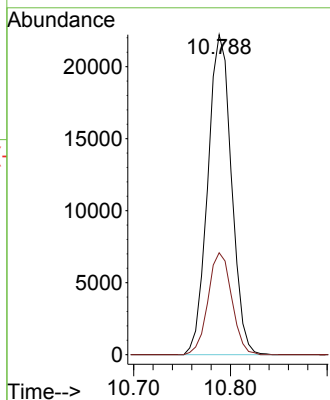
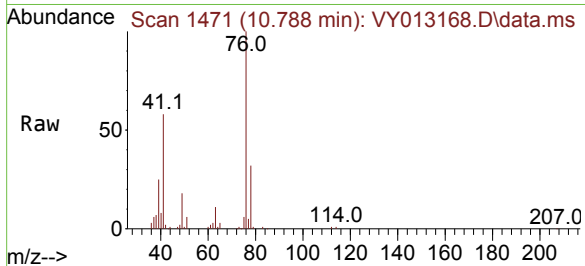




#57
1,3-Dichloropropane
Concen: 20.213 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

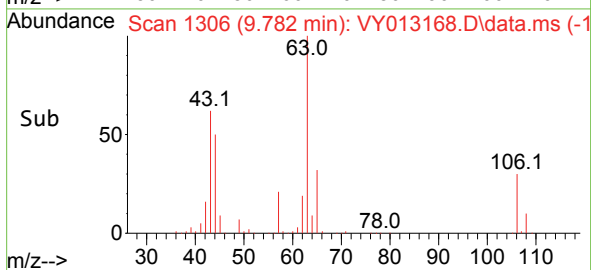
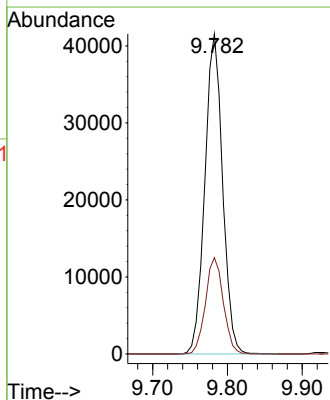
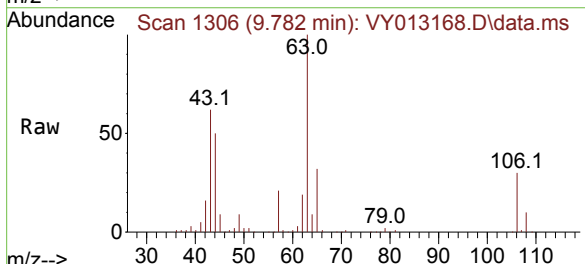
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

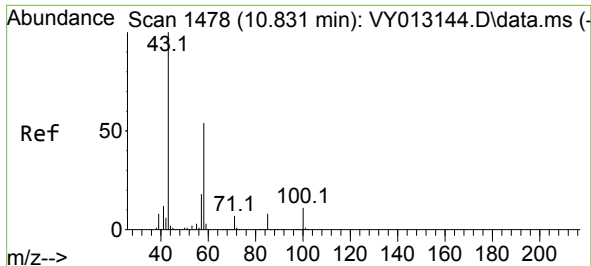
Tgt Ion: 76 Resp: 37790
Ion Ratio Lower Upper
76 100
78 31.8 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.015 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 63 Resp: 68371
Ion Ratio Lower Upper
63 100
106 30.3 22.1 33.1

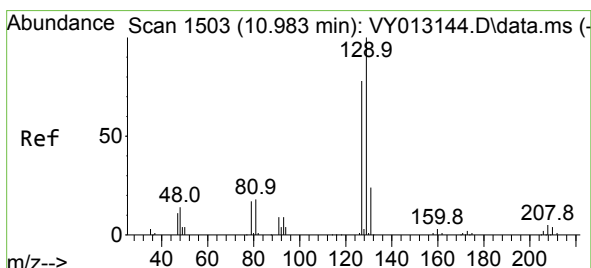
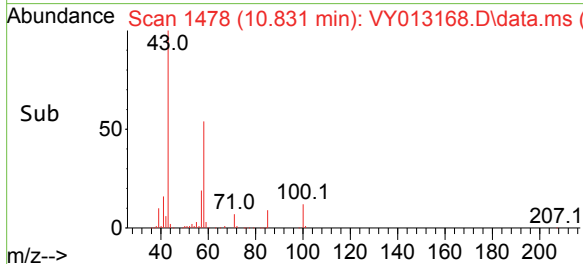
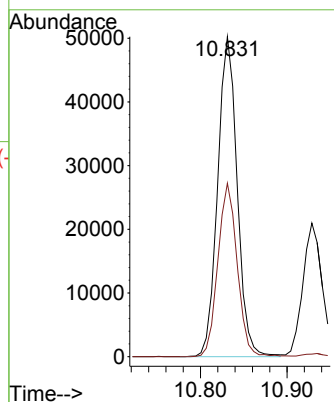
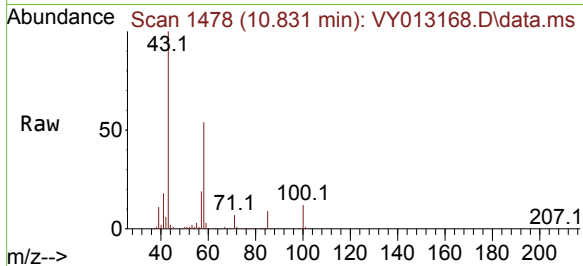




#59
2-Hexanone
Concen: 102.750 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

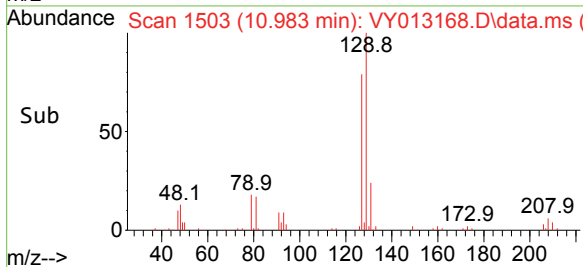
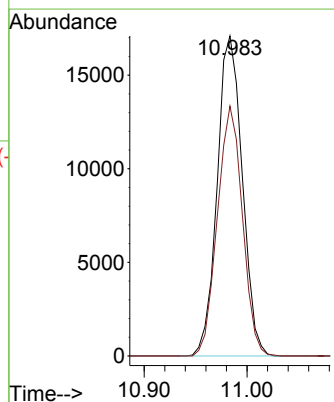
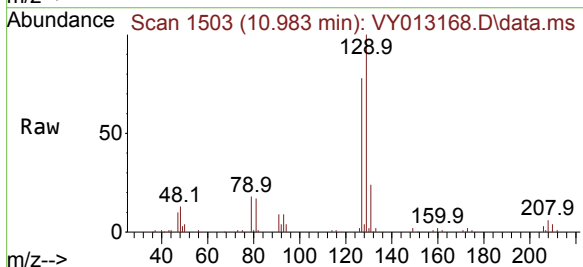
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

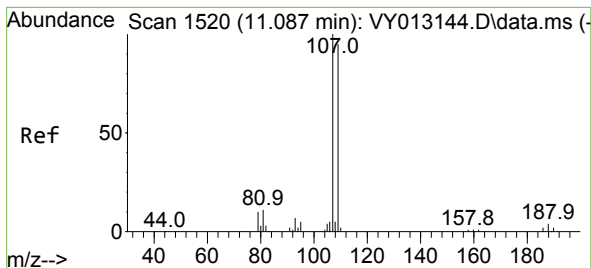
Tgt Ion: 43 Resp: 78636
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8



#60
Dibromochloromethane
Concen: 20.828 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 129 Resp: 28971
Ion Ratio Lower Upper
129 100
127 77.7 38.7 116.1

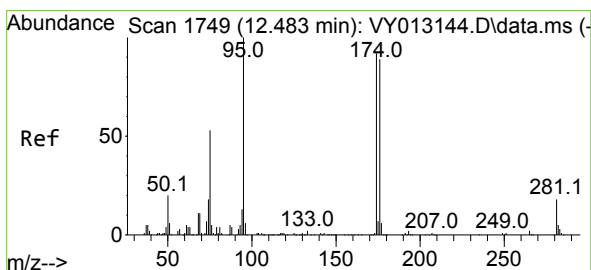
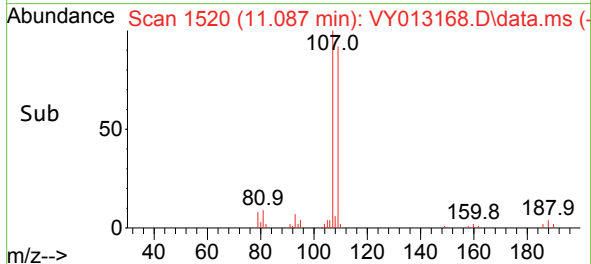
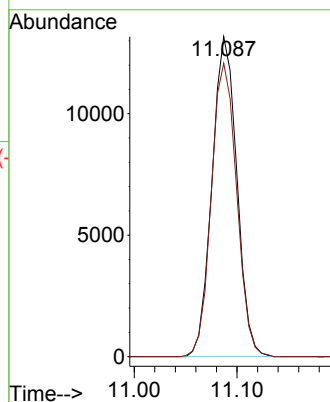
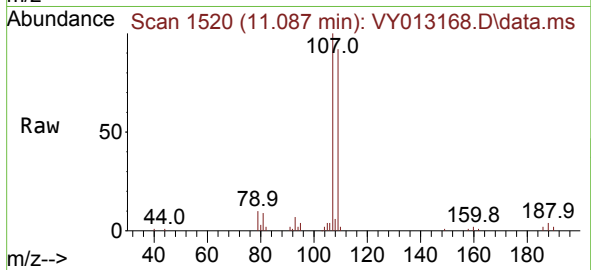




#61
1,2-Dibromoethane
Concen: 20.556 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

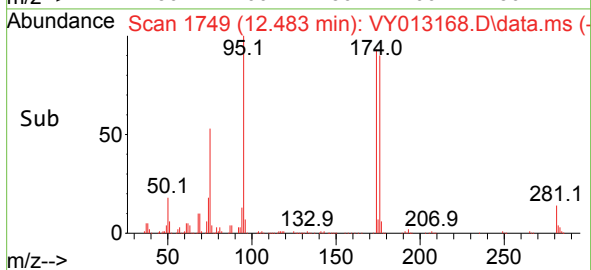
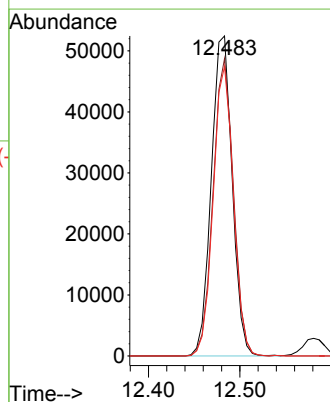
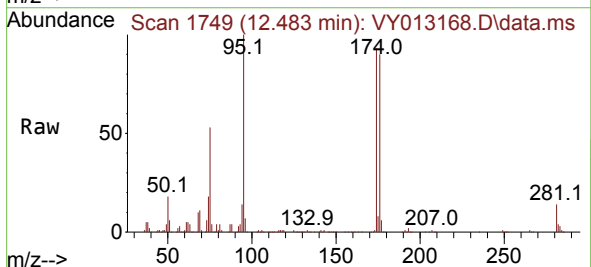
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

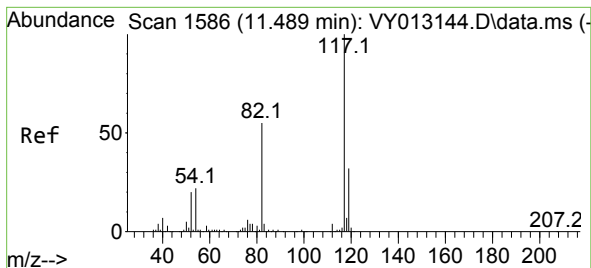
Tgt Ion:107 Resp: 22057
Ion Ratio Lower Upper
107 100
109 93.6 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.809 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 95 Resp: 83121
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 87.7 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: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

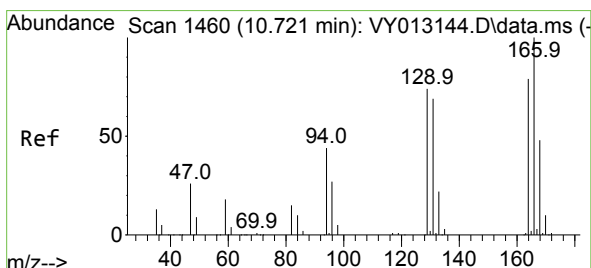
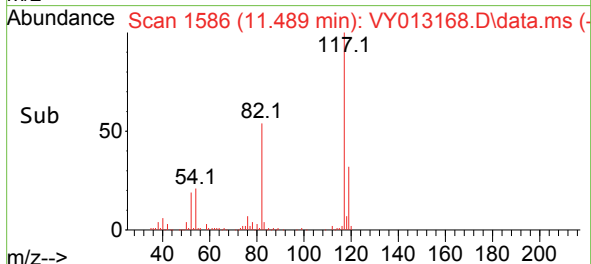
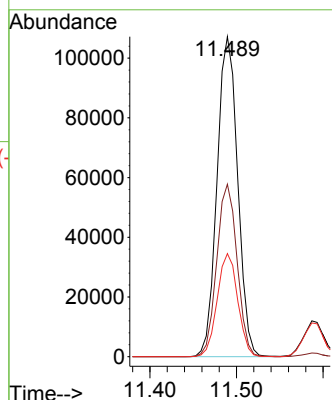
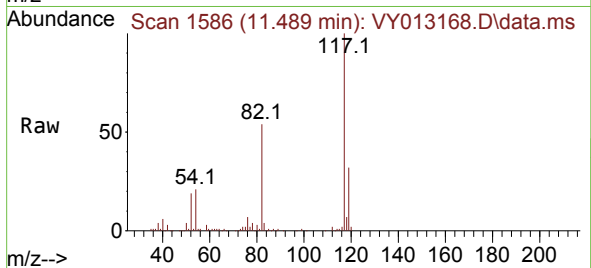
Tgt Ion:117 Resp: 177376

Ion Ratio Lower Upper

117 100

82 53.9 45.4 68.0

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 20.344 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Tgt Ion:164 Resp: 27742

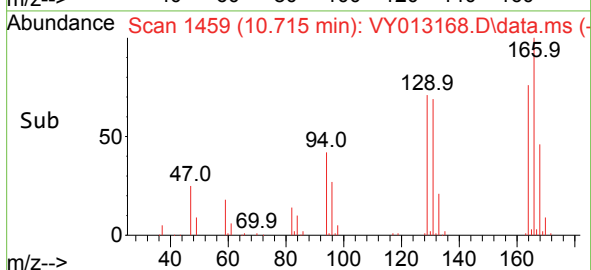
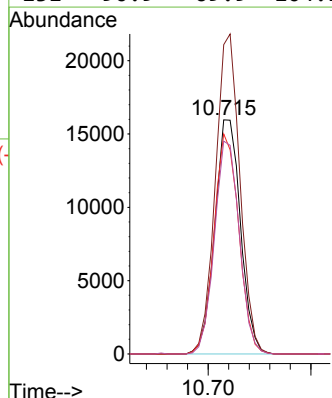
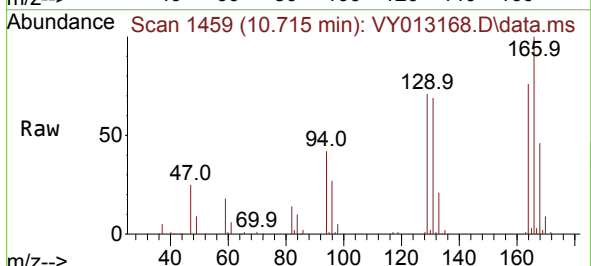
Ion Ratio Lower Upper

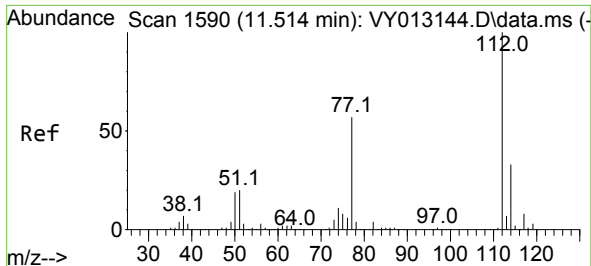
164 100

166 132.1 103.4 155.2

129 93.9 71.4 107.2

131 90.9 69.9 104.9

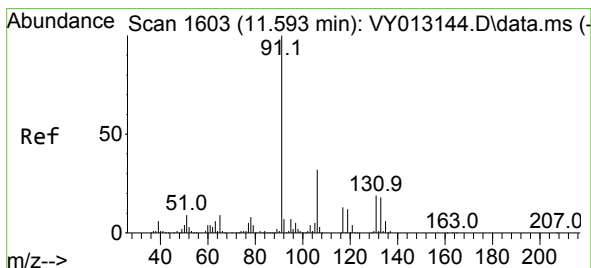
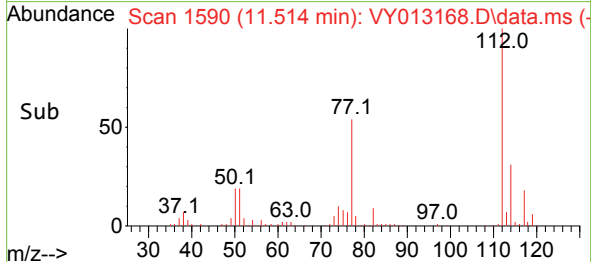
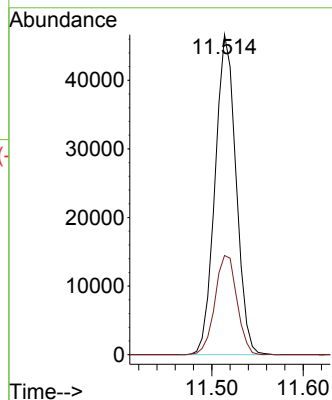
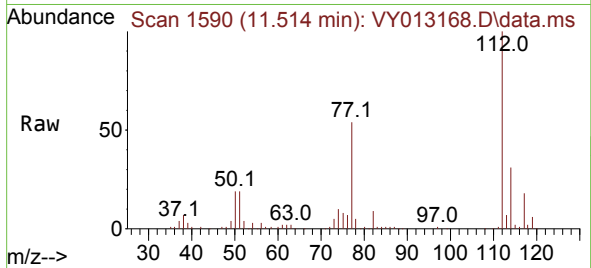




#65
Chlorobenzene
Concen: 19.772 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

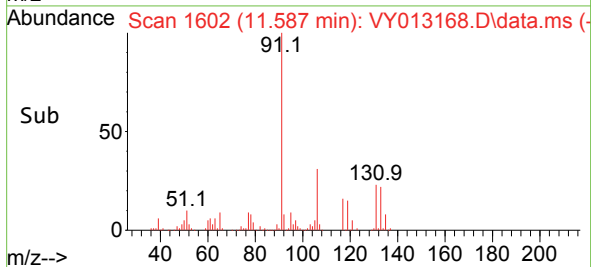
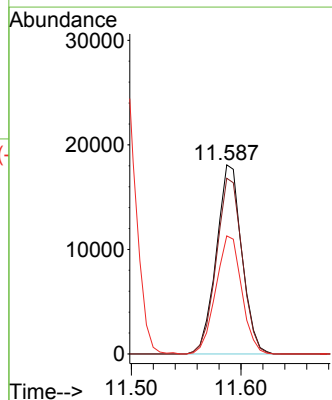
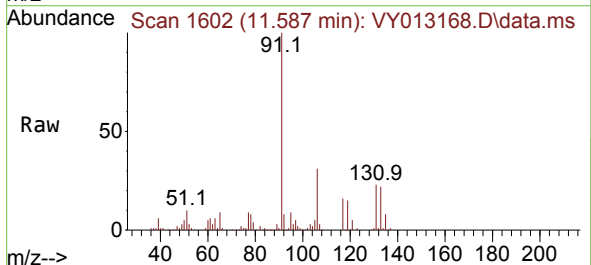
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

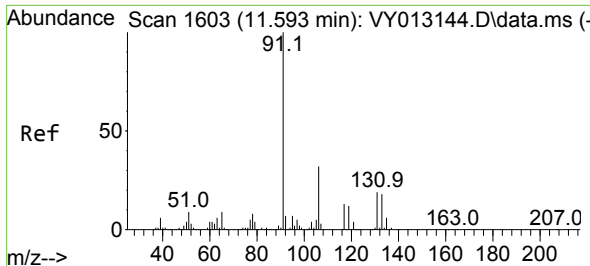
Tgt Ion:112 Resp: 74451
Ion Ratio Lower Upper
112 100
114 31.0 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.758 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion:131 Resp: 29304
Ion Ratio Lower Upper
131 100
133 94.2 48.0 144.0
119 63.2 32.6 98.0

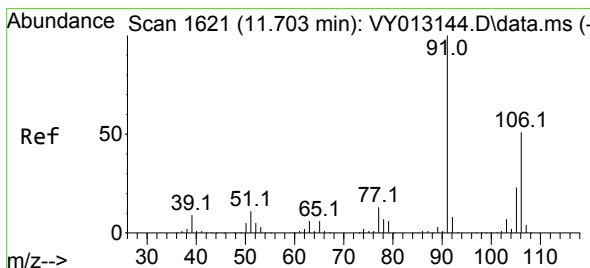
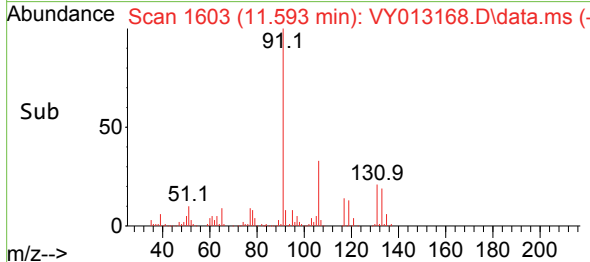
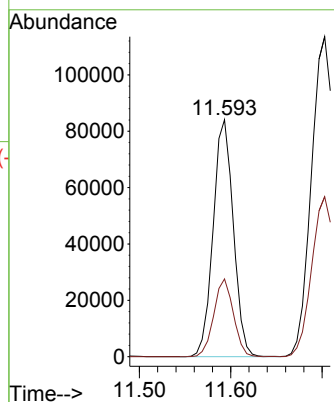
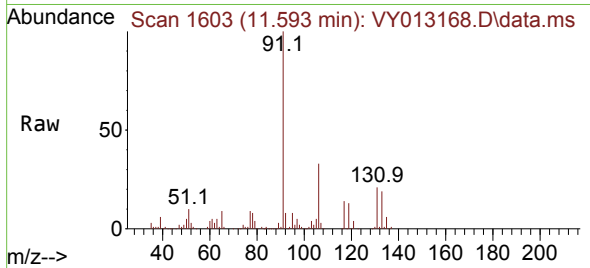




#67
Ethyl Benzene
Concen: 19.792 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

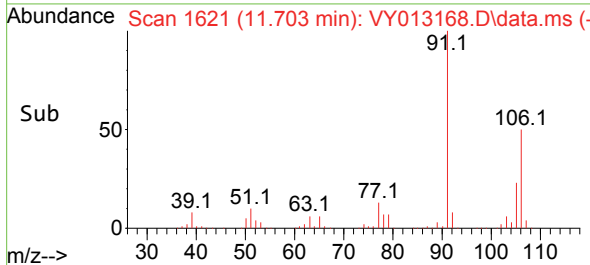
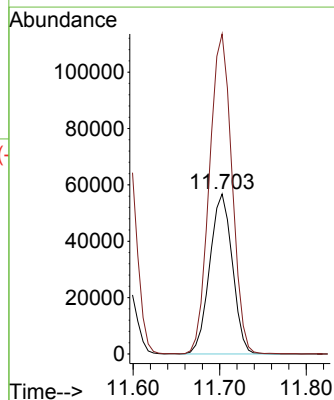
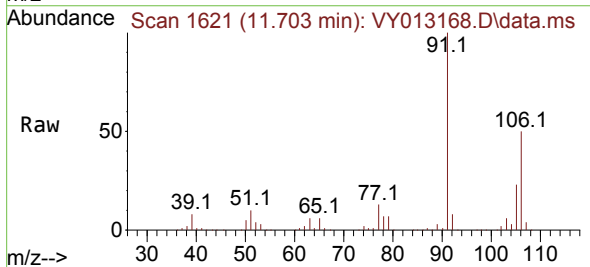
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

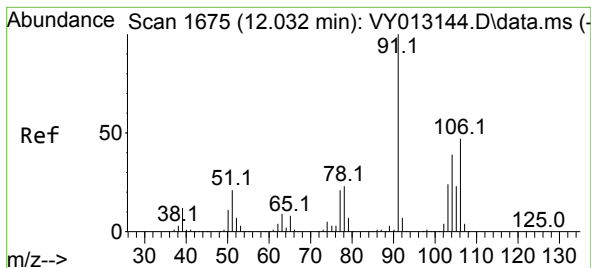
Tgt Ion: 91 Resp: 128720
Ion Ratio Lower Upper
91 100
106 32.8 25.1 37.7



#68
m/p-Xylenes
Concen: 40.929 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 106 Resp: 102970
Ion Ratio Lower Upper
106 100
91 199.9 159.8 239.8





#69

o-Xylene

Concen: 20.372 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

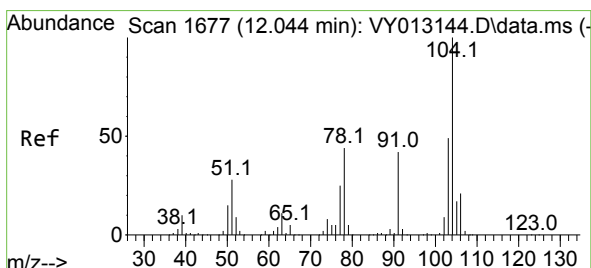
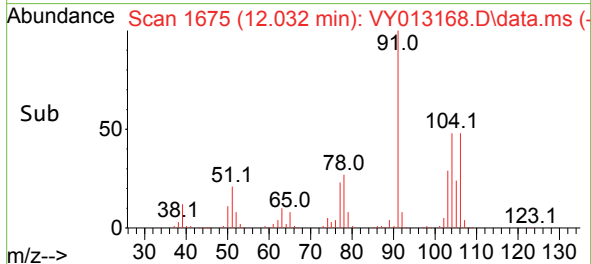
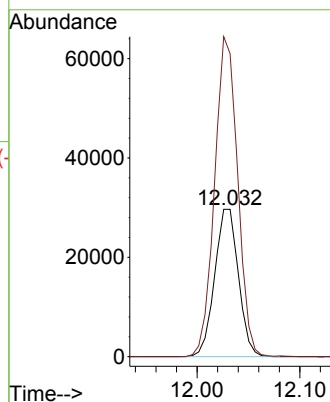
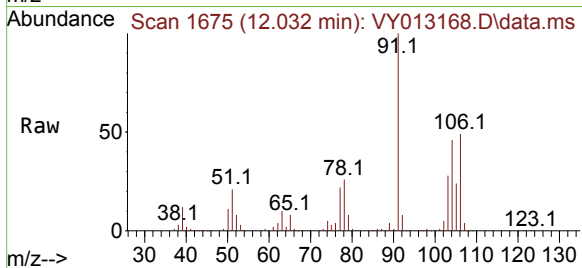
VY0403SBS01

Tgt Ion:106 Resp: 47538

Ion Ratio Lower Upper

106 100

91 211.1 107.2 321.6



#70

Styrene

Concen: 20.778 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

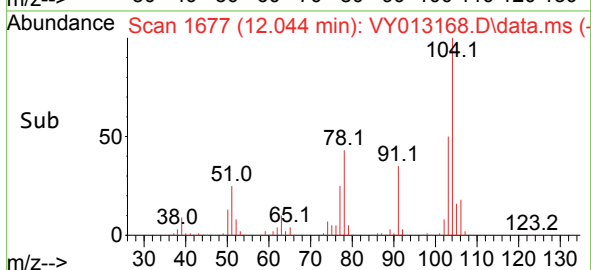
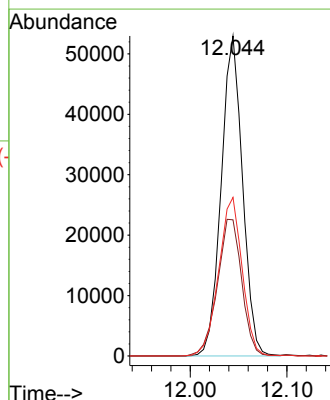
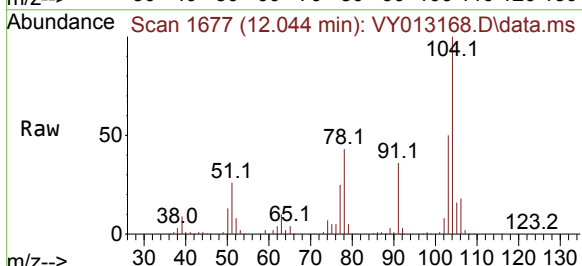
Tgt Ion:104 Resp: 81110

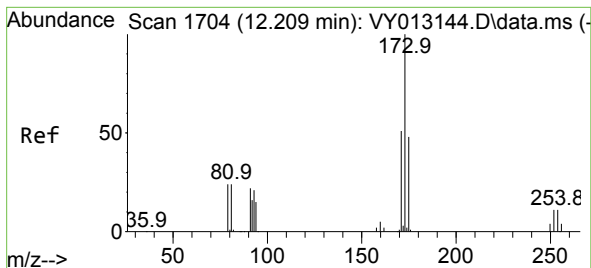
Ion Ratio Lower Upper

104 100

78 48.8 39.2 58.8

103 54.5 43.7 65.5





#71

Bromoform

Concen: 22.006 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

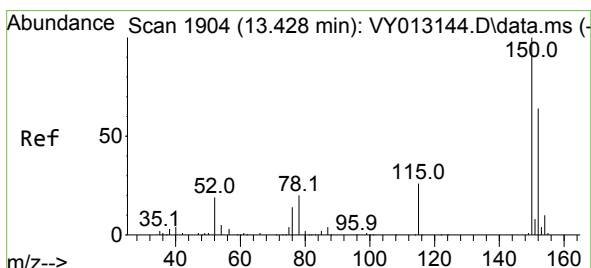
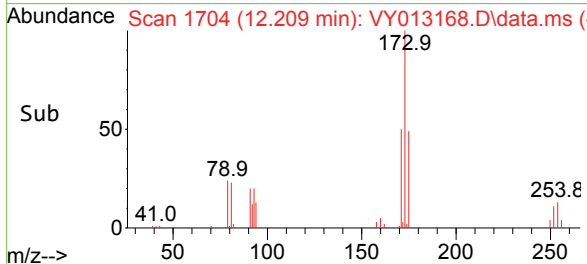
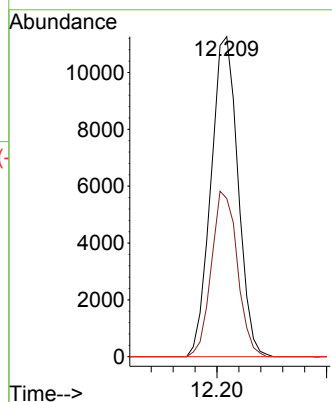
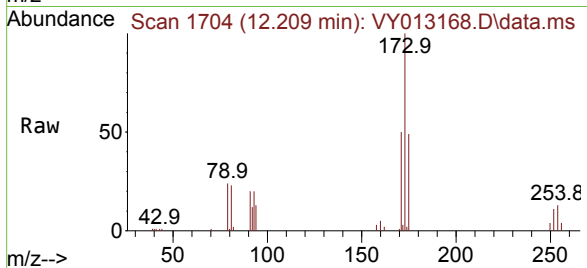
Tgt Ion:173 Resp: 19264

Ion Ratio Lower Upper

173 100

175 49.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

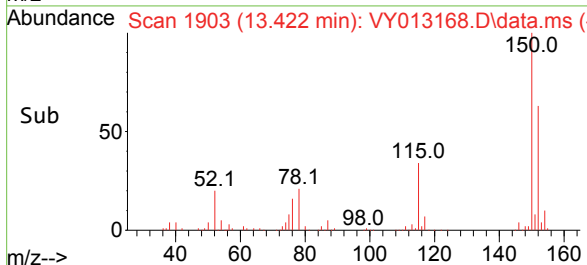
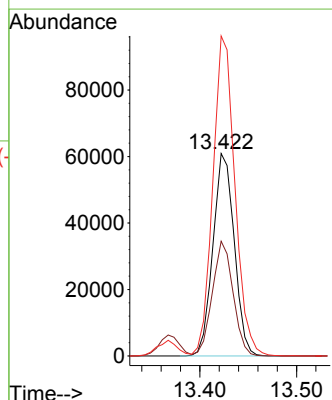
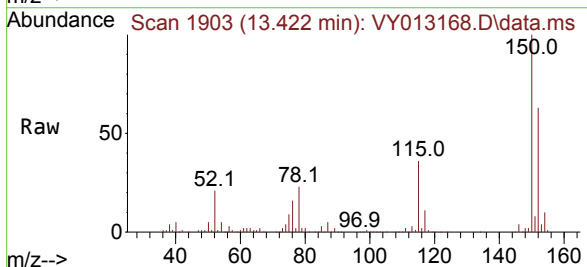
Tgt Ion:152 Resp: 92979

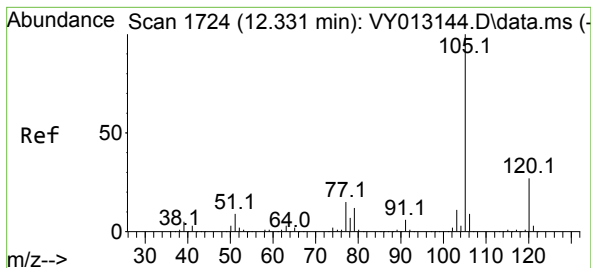
Ion Ratio Lower Upper

152 100

115 55.3 27.1 81.3

150 163.7 0.0 347.8





#73

Isopropylbenzene

Concen: 19.898 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

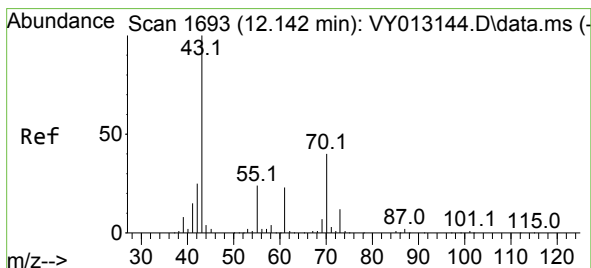
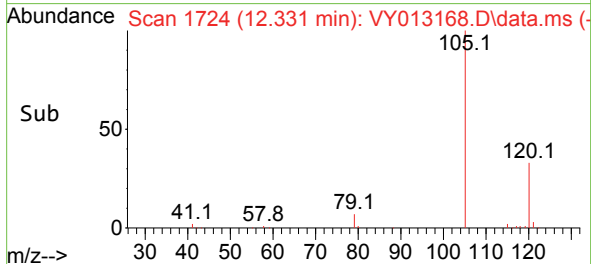
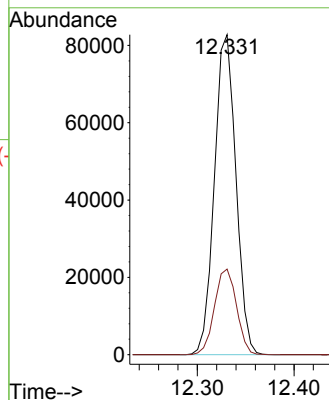
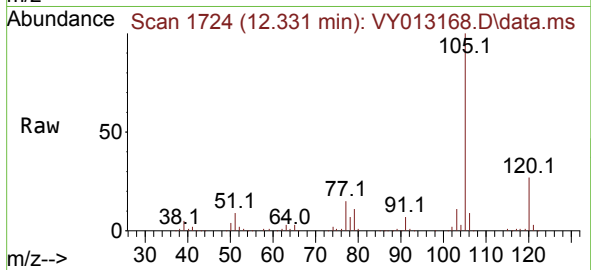
VY0403SBS01

Tgt Ion:105 Resp: 127707

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.2



#74

N-ethyl acetate

Concen: 19.290 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Tgt Ion: 43 Resp: 33993

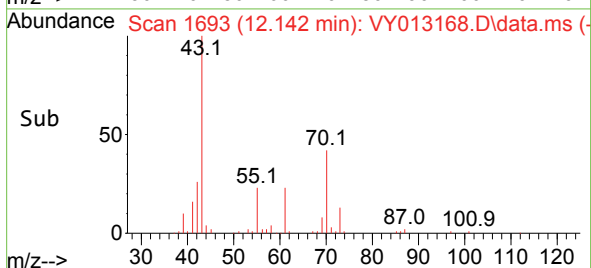
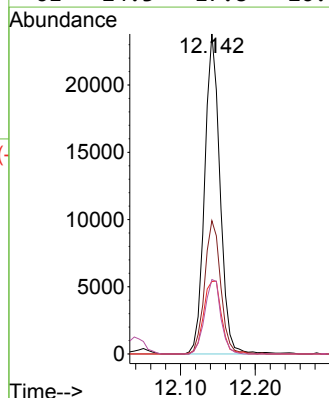
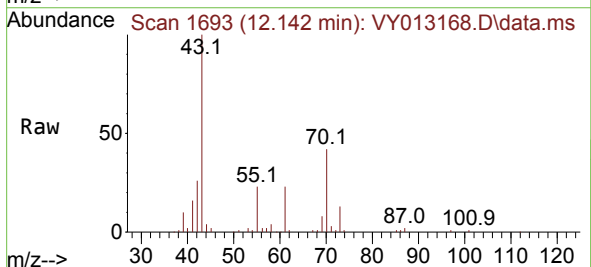
Ion Ratio Lower Upper

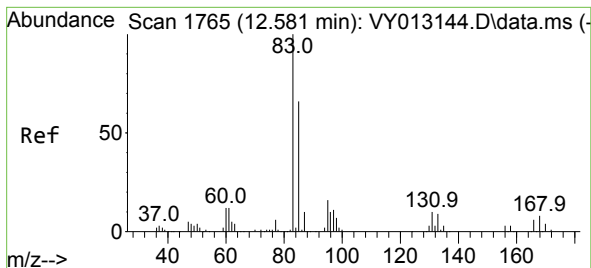
43 100

70 43.4 31.6 47.4

55 26.3 18.8 28.2

61 24.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.893 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

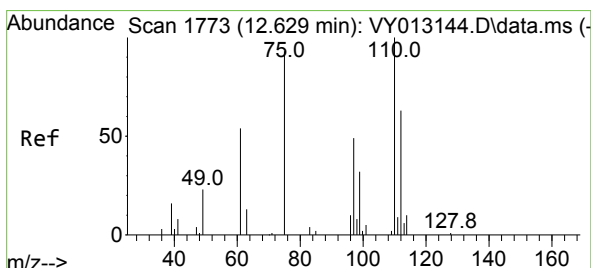
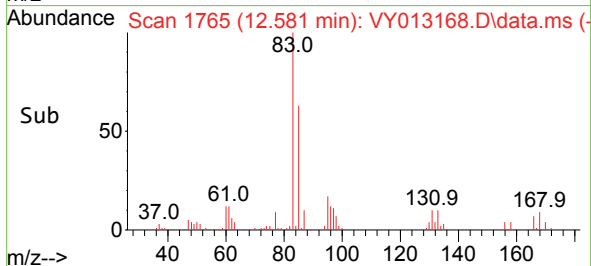
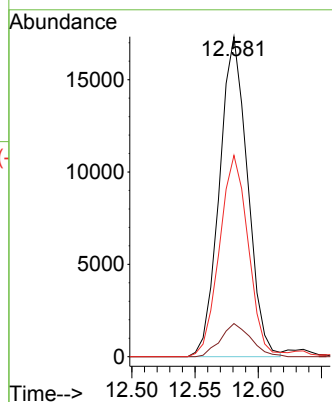
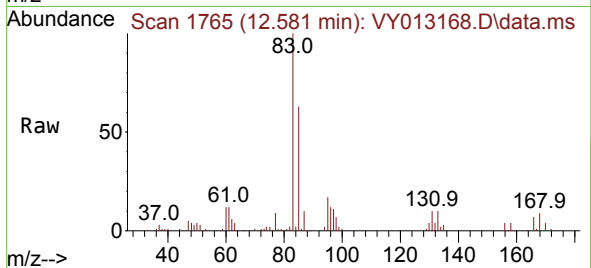
Tgt Ion: 83 Resp: 26744

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.2

85 64.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 33.295 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013168.D

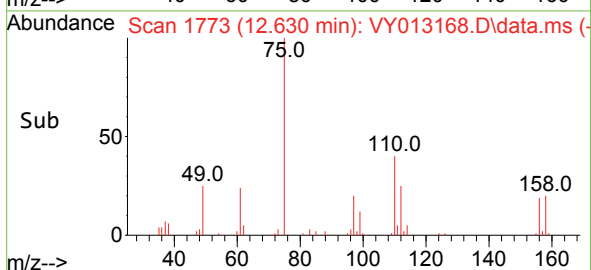
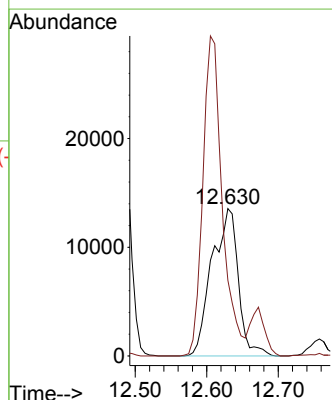
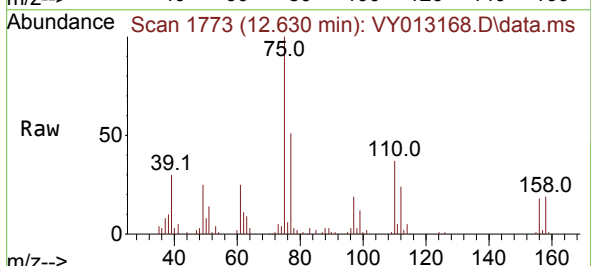
Acq: 03 Apr 2023 12:08

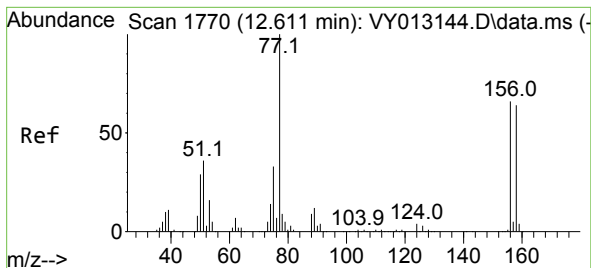
Tgt Ion: 75 Resp: 34777

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.546 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

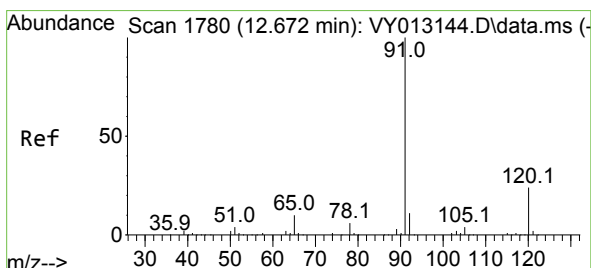
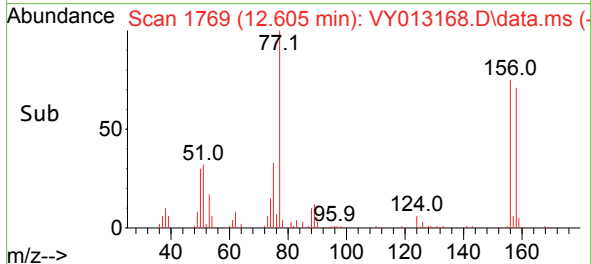
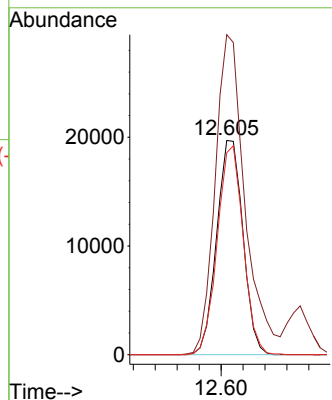
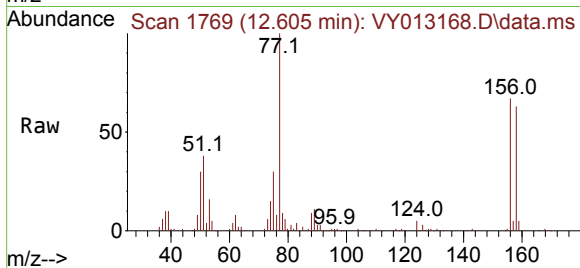
Tgt Ion:156 Resp: 32785

Ion Ratio Lower Upper

156 100

77 169.6 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 19.625 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013168.D

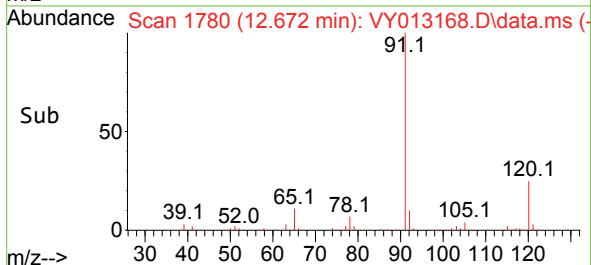
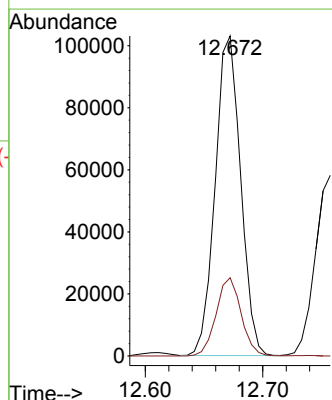
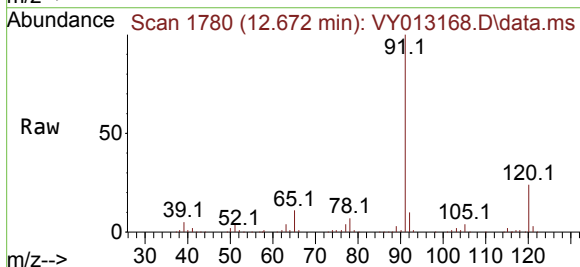
Acq: 03 Apr 2023 12:08

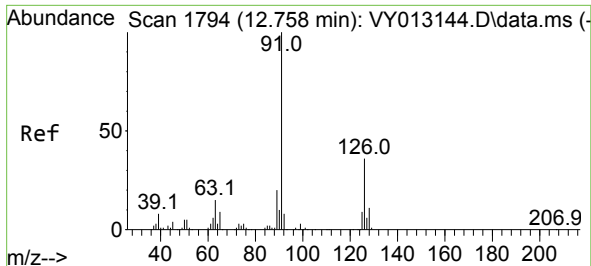
Tgt Ion: 91 Resp: 154868

Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.8

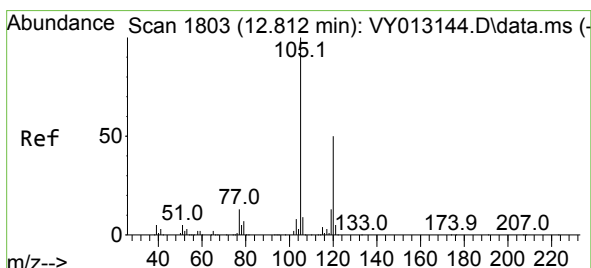
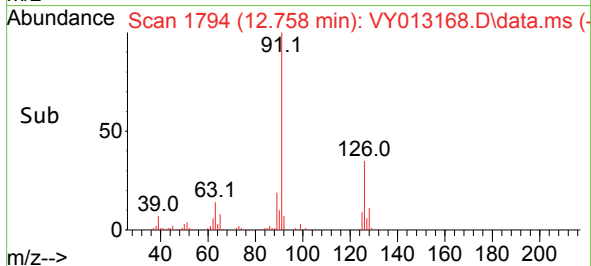
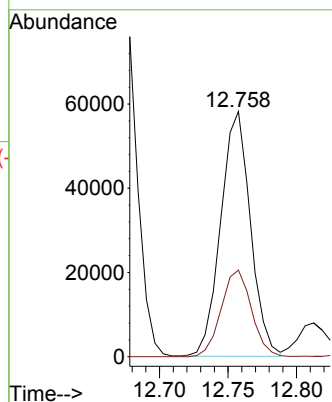
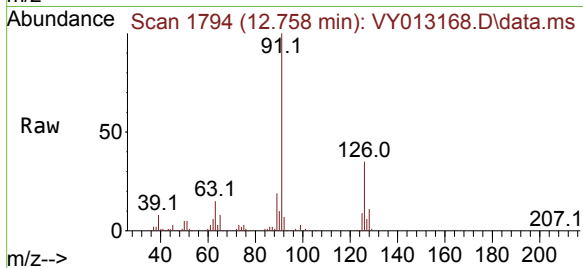




#79
2-Chlorotoluene
Concen: 19.622 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

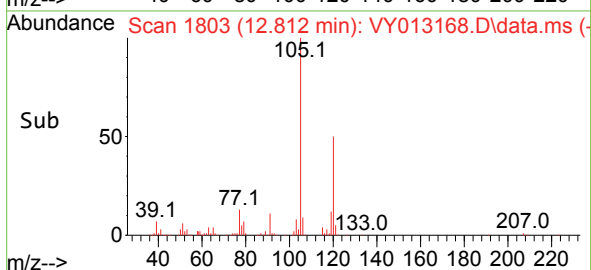
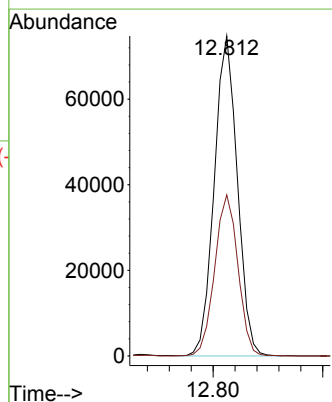
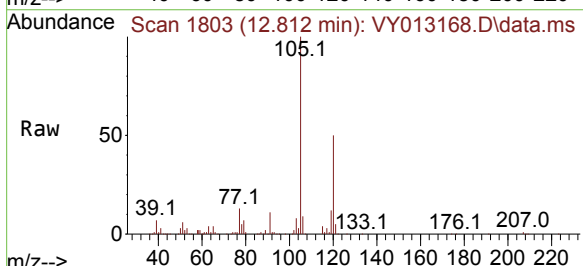
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

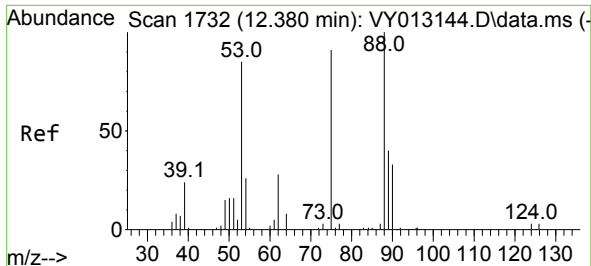
Tgt Ion: 91 Resp: 87868
Ion Ratio Lower Upper
91 100
126 35.9 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.375 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 105 Resp: 109332
Ion Ratio Lower Upper
105 100
120 50.8 24.8 74.4

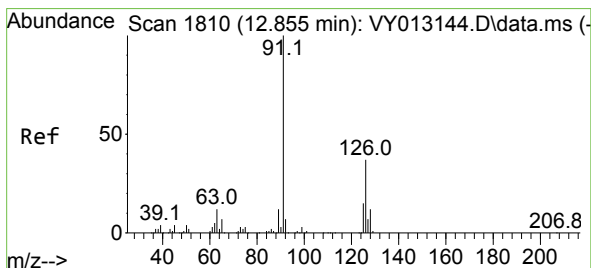
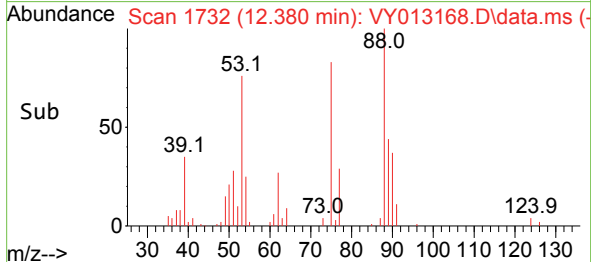
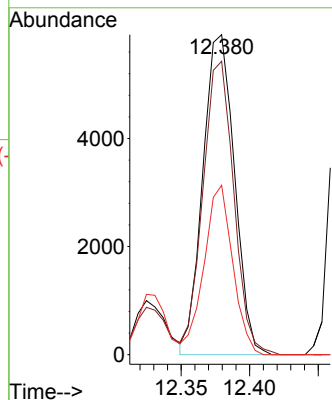
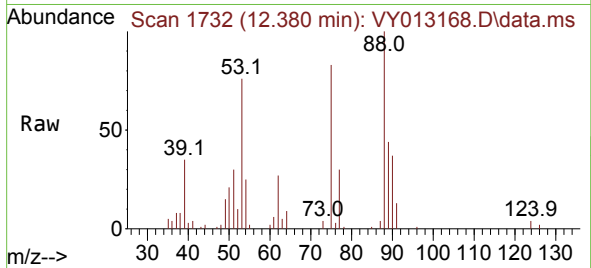




#81
trans-1,4-Dichloro-2-butene
Concen: 20.273 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

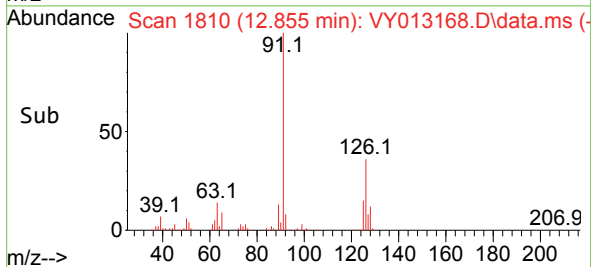
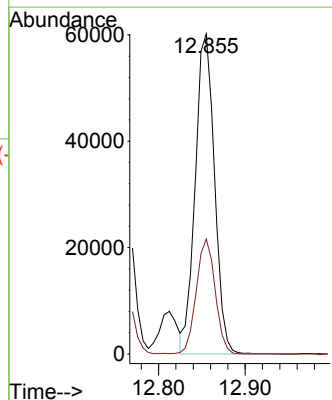
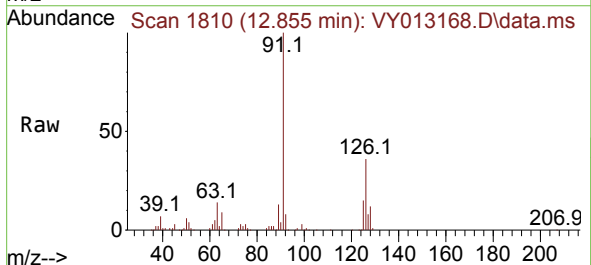
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBS01

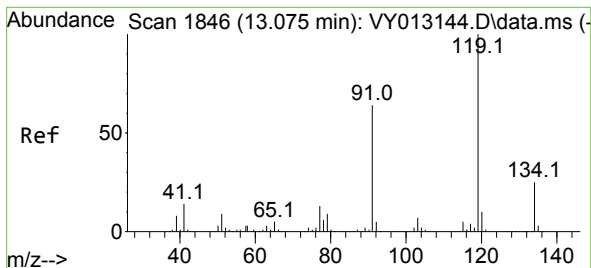
Tgt Ion: 75 Resp: 9495
Ion Ratio Lower Upper
75 100
53 89.8 73.4 110.0
89 48.2 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.947 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 91 Resp: 92958
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.868 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

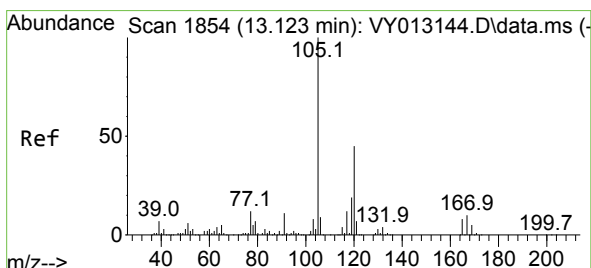
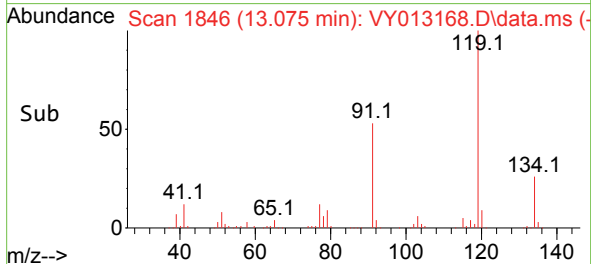
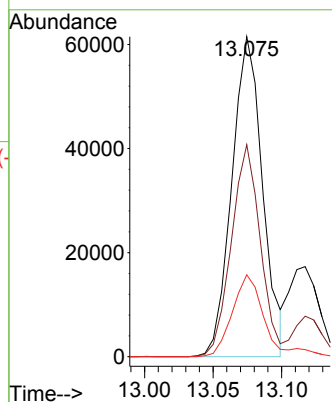
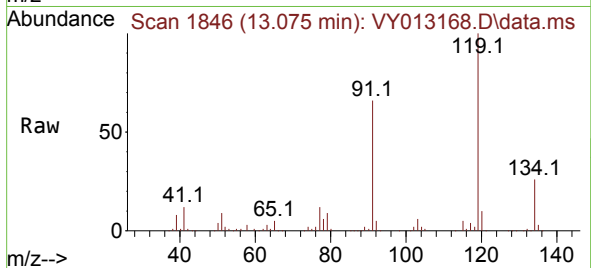
Tgt Ion:119 Resp: 96180

Ion Ratio Lower Upper

119 100

91 62.2 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.630 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013168.D

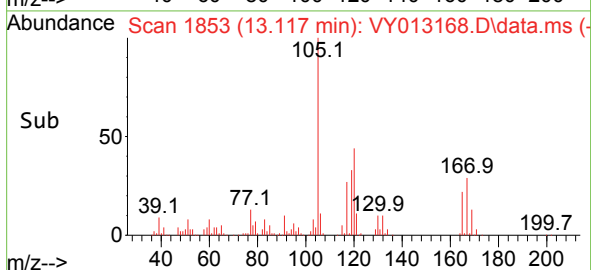
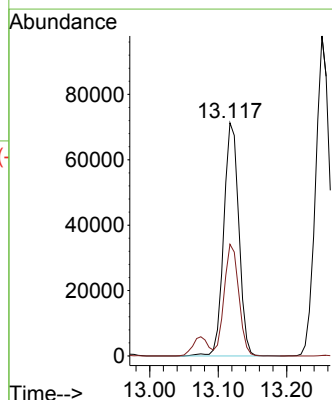
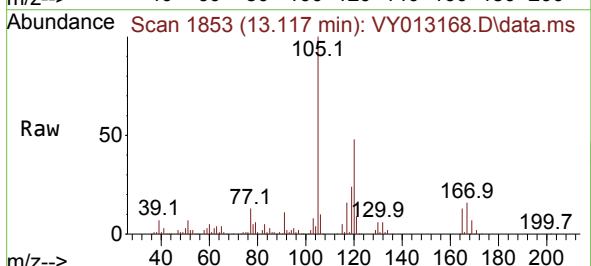
Acq: 03 Apr 2023 12:08

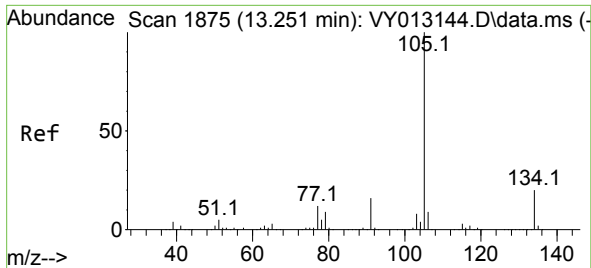
Tgt Ion:105 Resp: 108411

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

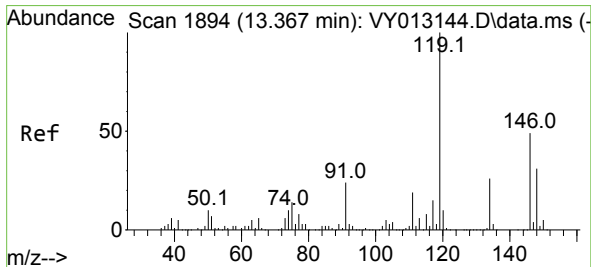
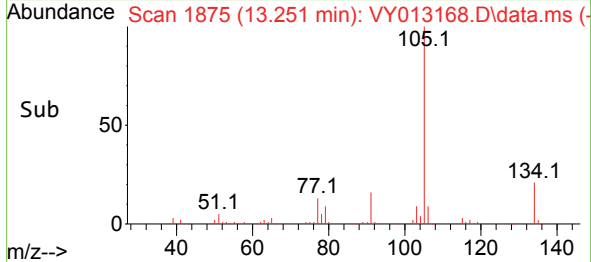
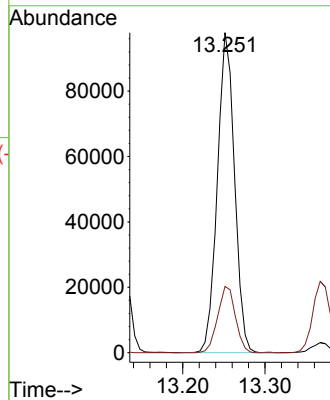
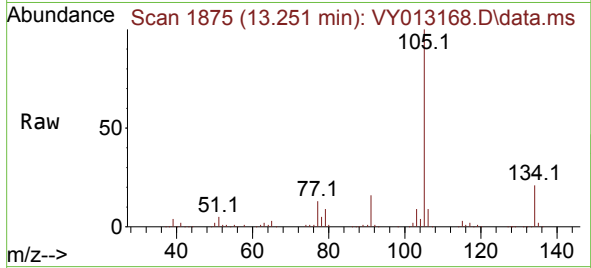




#85
 sec-Butylbenzene
 Concen: 20.380 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

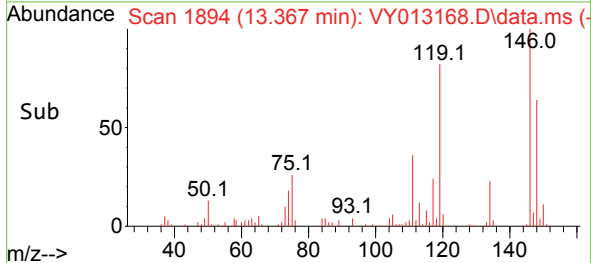
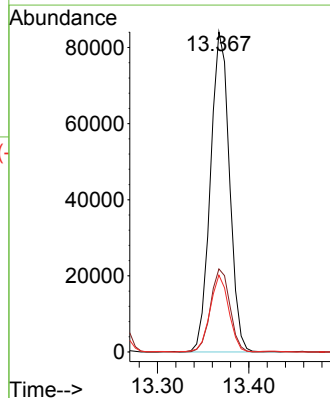
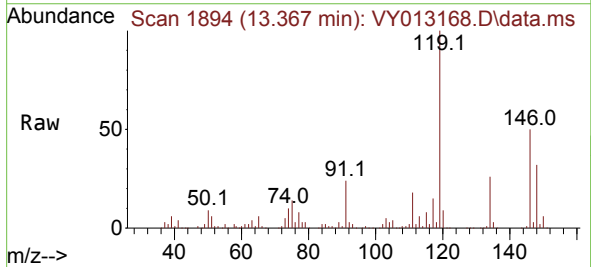
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBSD01

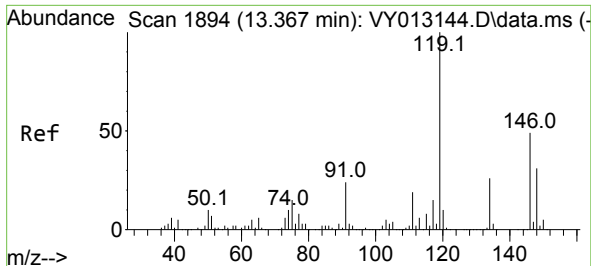
Tgt Ion:105 Resp: 141828
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 21.178 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013168.D
 Acq: 03 Apr 2023 12:08

Tgt Ion:119 Resp: 121329
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 23.8 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.445 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

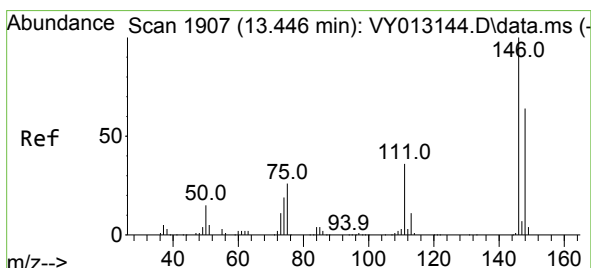
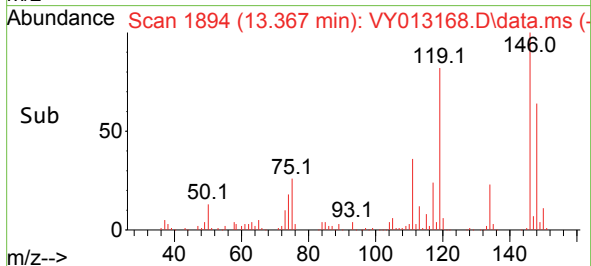
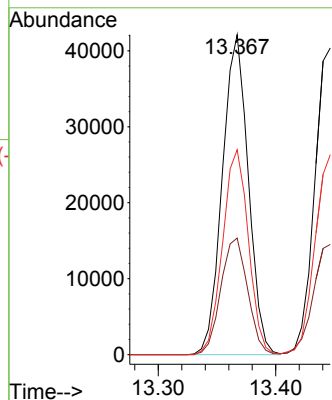
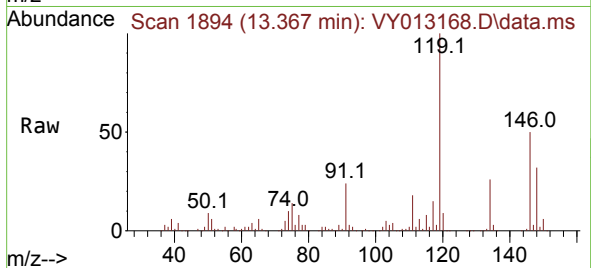
Tgt Ion:146 Resp: 64669

Ion Ratio Lower Upper

146 100

111 37.8 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.376 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

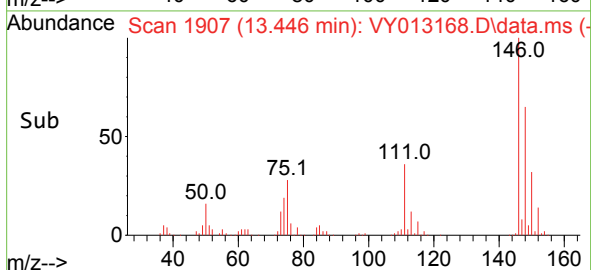
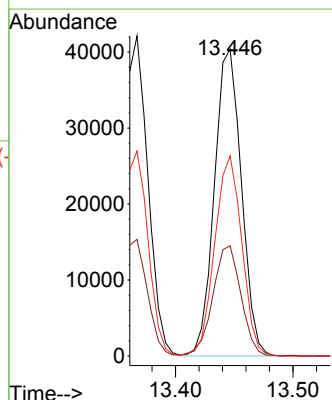
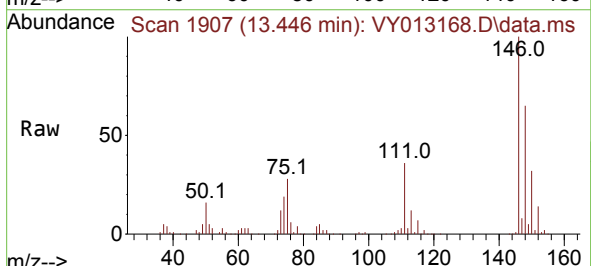
Tgt Ion:146 Resp: 64587

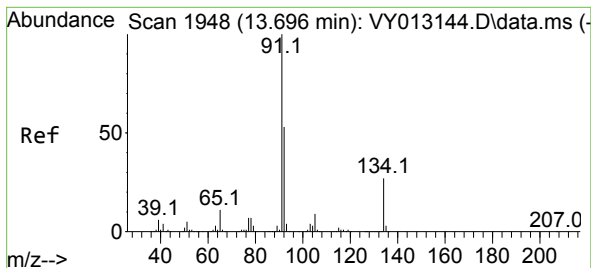
Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

148 65.5 31.5 94.5





#89

n-Butylbenzene

Concen: 20.050 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

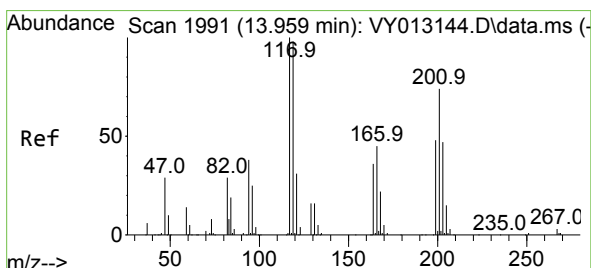
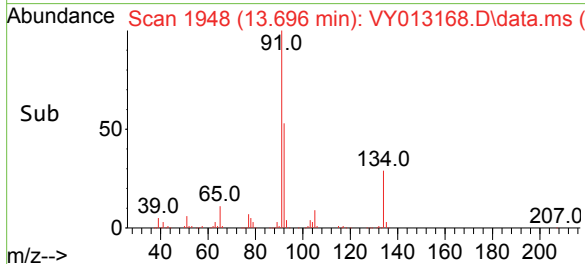
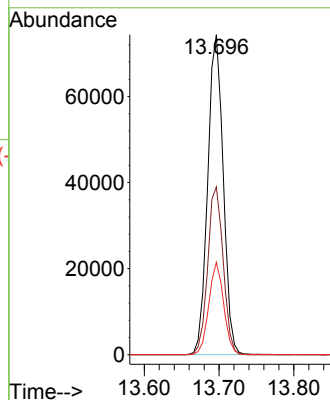
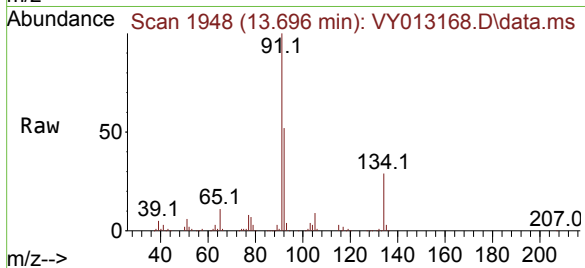
Tgt Ion: 91 Resp: 107379

Ion Ratio Lower Upper

91 100

92 52.3 26.4 79.0

134 27.6 13.0 38.9



#90

Hexachloroethane

Concen: 19.803 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013168.D

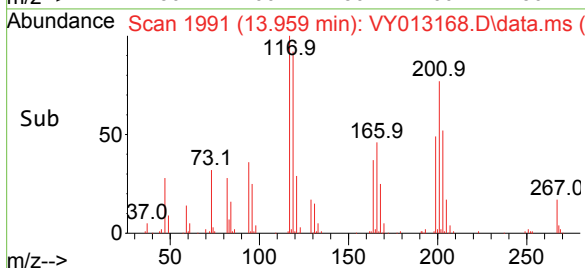
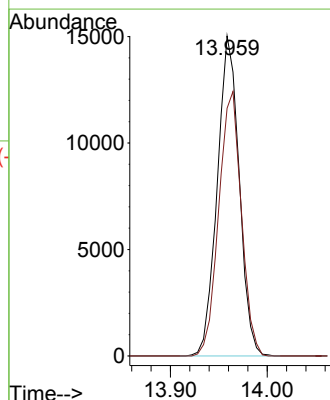
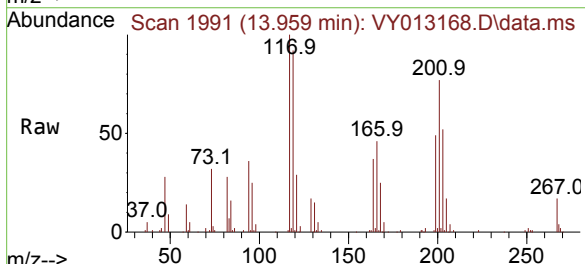
Acq: 03 Apr 2023 12:08

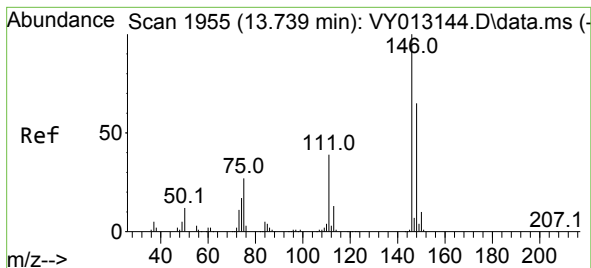
Tgt Ion: 117 Resp: 23634

Ion Ratio Lower Upper

117 100

201 84.9 39.4 118.1

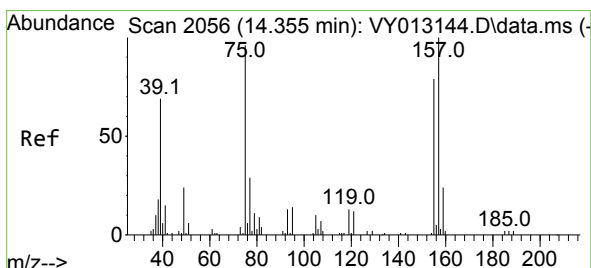
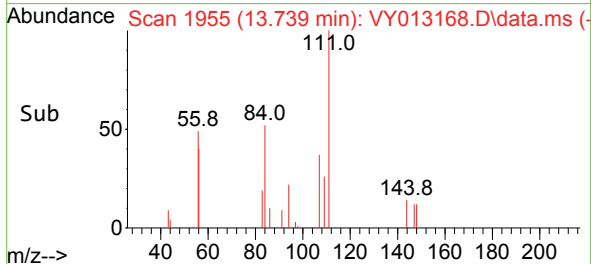
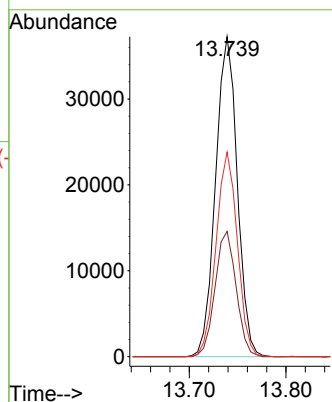
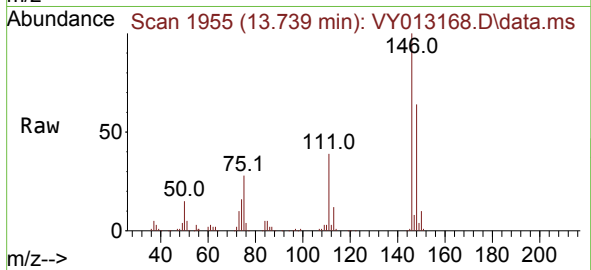




#91
1,2-Dichlorobenzene
Concen: 20.524 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

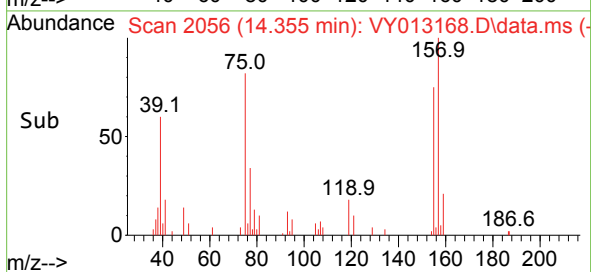
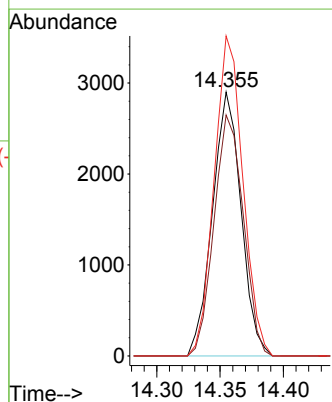
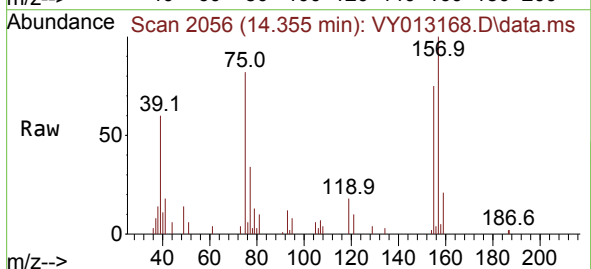
Instrument :
MSVOA_Y
ClientSampleId :
VY0403SBSD01

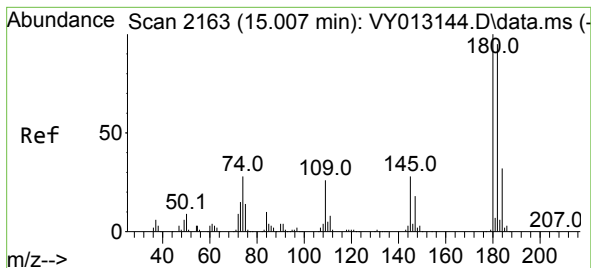
Tgt Ion:146 Resp: 57979
Ion Ratio Lower Upper
146 100
111 38.2 19.7 59.1
148 62.9 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.402 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY013168.D
Acq: 03 Apr 2023 12:08

Tgt Ion: 75 Resp: 4564
Ion Ratio Lower Upper
75 100
155 93.4 43.8 131.4
157 121.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.619 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBSD01

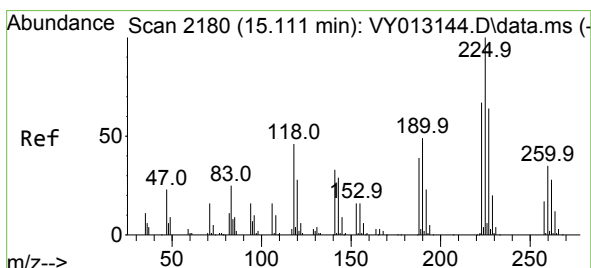
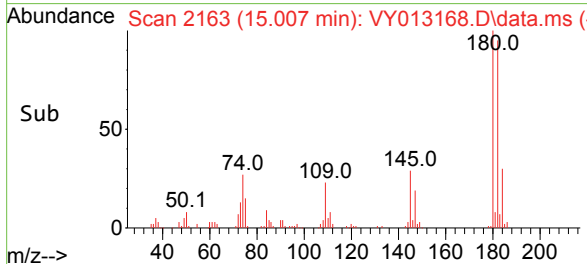
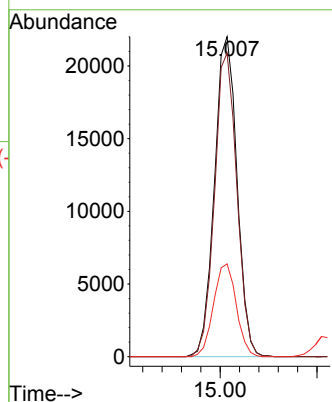
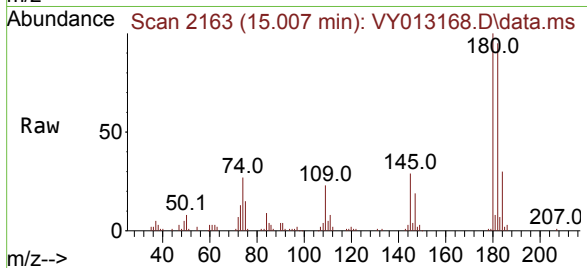
Tgt Ion:180 Resp: 35615

Ion Ratio Lower Upper

180 100

182 93.8 46.7 140.1

145 29.2 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.991 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

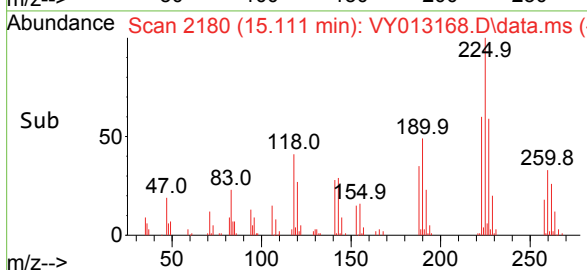
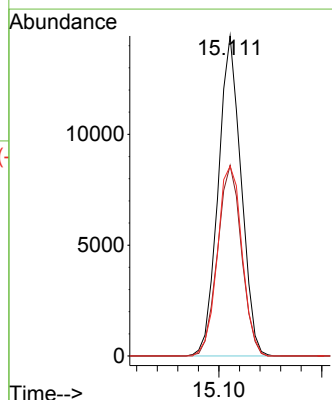
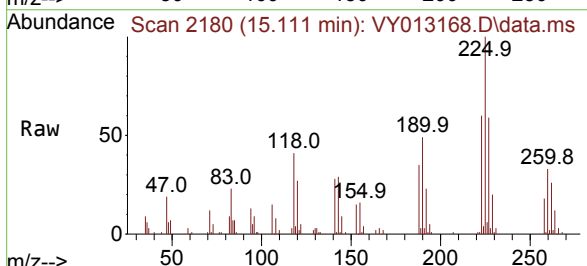
Tgt Ion:225 Resp: 22280

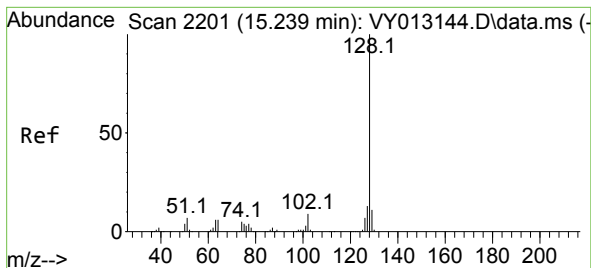
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.3

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 21.272 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0403SBS01

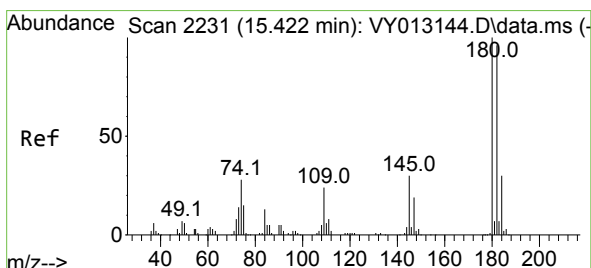
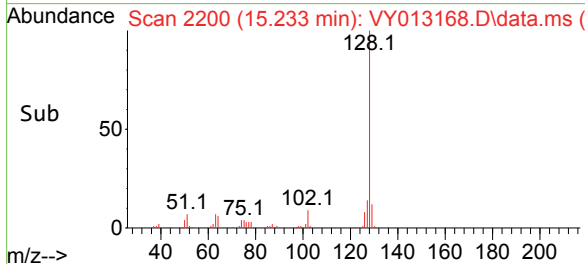
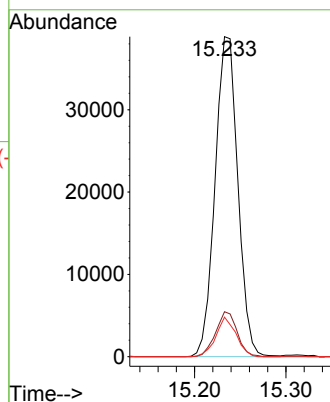
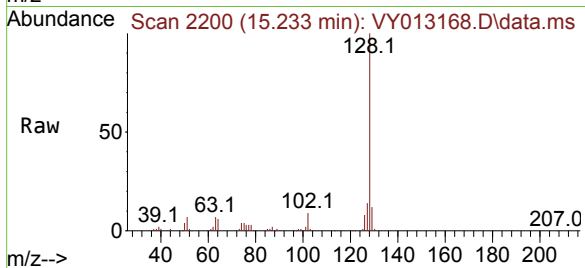
Tgt Ion:128 Resp: 67294

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.976 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013168.D

Acq: 03 Apr 2023 12:08

Tgt Ion:180 Resp: 31897

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 29.7 15.3 45.8

