

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014690.D
 Acq On : 18 Jul 2023 10:25
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 03:59:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	253062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188907	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	140119	48.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.716	113	127329	47.740	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.480%
50) Toluene-d8	10.179	98	464223	47.210	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.477	95	177334	47.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45034	21.843	ug/l	98
3) Chloromethane	2.113	50	56035	24.178	ug/l	96
4) Vinyl Chloride	2.247	62	63237	24.415	ug/l	94
5) Bromomethane	2.625	94	43198	25.237	ug/l	94
6) Chloroethane	2.778	64	39815	24.609	ug/l	95
7) Trichlorofluoromethane	3.113	101	89751	20.632	ug/l	97
8) Diethyl Ether	3.528	74	31947	19.738	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	53808	20.180	ug/l	96
10) Methyl Iodide	4.082	142	50289	19.318	ug/l	97
11) Tert butyl alcohol	4.936	59	102757	164.297	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	49840	20.000	ug/l	94
13) Acrolein	3.723	56	30143	100.007	ug/l	96
14) Allyl chloride	4.473	41	80982	18.302	ug/l	97
15) Acrylonitrile	5.161	53	97613	109.366	ug/l	98
16) Acetone	3.948	43	93462	102.276	ug/l	94
17) Carbon Disulfide	4.186	76	141018	19.765	ug/l	100
18) Methyl Acetate	4.473	43	77827	22.193	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	164445	20.314	ug/l	98
20) Methylene Chloride	4.704	84	61712	18.093	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	56265	19.895	ug/l	100
22) Diisopropyl ether	6.113	45	169049	18.792	ug/l	95
23) Vinyl Acetate	6.058	43	525939	97.697	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	98944	19.223	ug/l	97
25) 2-Butanone	6.984	43	145800	109.057	ug/l	92
26) 2,2-Dichloropropane	6.978	77	95921	19.553	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	64623	19.631	ug/l	97
28) Bromochloromethane	7.332	49	48758	21.994	ug/l	94
29) Tetrahydrofuran	7.344	42	92129	111.914	ug/l	91
30) Chloroform	7.503	83	103261	19.454	ug/l	92
31) Cyclohexane	7.783	56	90428	18.890	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	96016	20.099	ug/l	98
36) 1,1-Dichloropropene	7.917	75	77742	19.491	ug/l	99
37) Ethyl Acetate	7.076	43	59363	21.617	ug/l #	94
38) Carbon Tetrachloride	7.899	117	85176	20.202	ug/l	99
39) Methylcyclohexane	9.179	83	100837	19.405	ug/l	93
40) Benzene	8.155	78	222697	19.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	83714	59.267	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	72417	20.159	ug/l	93
43) Isopropyl Acetate	8.271	43	107964	20.639	ug/l	97
44) Trichloroethene	8.941	130	63684	20.065	ug/l	99
45) 1,2-Dichloropropane	9.216	63	56438	19.053	ug/l	97
46) Dibromomethane	9.301	93	37277	20.744	ug/l	95
47) Bromodichloromethane	9.496	83	83162	19.636	ug/l	100
48) Methyl methacrylate	9.289	41	48962	20.801	ug/l	91
49) 1,4-Dioxane	9.295	88	13623	464.930	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	298580	108.710	ug/l	92
52) Toluene	10.240	92	142704	19.659	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	89631	19.347	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	97233	19.300	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52167	20.841	ug/l	95
56) Ethyl methacrylate	10.508	69	77429	20.260	ug/l	90
57) 1,3-Dichloropropane	10.789	76	87100	20.174	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	201672	113.250	ug/l	94
59) 2-Hexanone	10.831	43	221972	110.822	ug/l	92
60) Dibromochloromethane	10.984	129	62228	20.276	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51798	20.743	ug/l	100
64) Tetrachloroethene	10.721	164	62149	20.841	ug/l	95
65) Chlorobenzene	11.514	112	156551	19.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59161	19.858	ug/l	97
67) Ethyl Benzene	11.593	91	279202	19.571	ug/l	97
68) m/p-Xylenes	11.703	106	214191	39.332	ug/l	97
69) o-Xylene	12.026	106	103711	19.553	ug/l	99
70) Styrene	12.044	104	176588	19.753	ug/l	98
71) Bromoform	12.209	173	43238	21.412	ug/l #	99
73) Isopropylbenzene	12.331	105	281743	19.048	ug/l	99
74) N-amyl acetate	12.142	43	96866	19.553	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	68699	20.367	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	90764	38.043	ug/l #	100
77) Bromobenzene	12.605	156	65910	19.521	ug/l	95
78) n-propylbenzene	12.672	91	337266	18.922	ug/l	99
79) 2-Chlorotoluene	12.752	91	191454	18.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	234356	18.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	24454	19.845	ug/l	94
82) 4-Chlorotoluene	12.855	91	197946	18.721	ug/l	100
83) tert-Butylbenzene	13.075	119	208841	19.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	230818	19.040	ug/l	98
85) sec-Butylbenzene	13.251	105	309251	19.238	ug/l	100
86) p-Isopropyltoluene	13.367	119	254145	19.364	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	129205	19.662	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	129354	19.644	ug/l	97
89) n-Butylbenzene	13.697	91	244437	19.143	ug/l	97
90) Hexachloroethane	13.959	117	50104	18.586	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	118967	19.760	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13623	21.119	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	74988	19.621	ug/l	98
94) Hexachlorobutadiene	15.111	225	41187	19.611	ug/l	96
95) Naphthalene	15.233	128	180392	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	67196	19.783	ug/l	98

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Response via : Initial Calibration

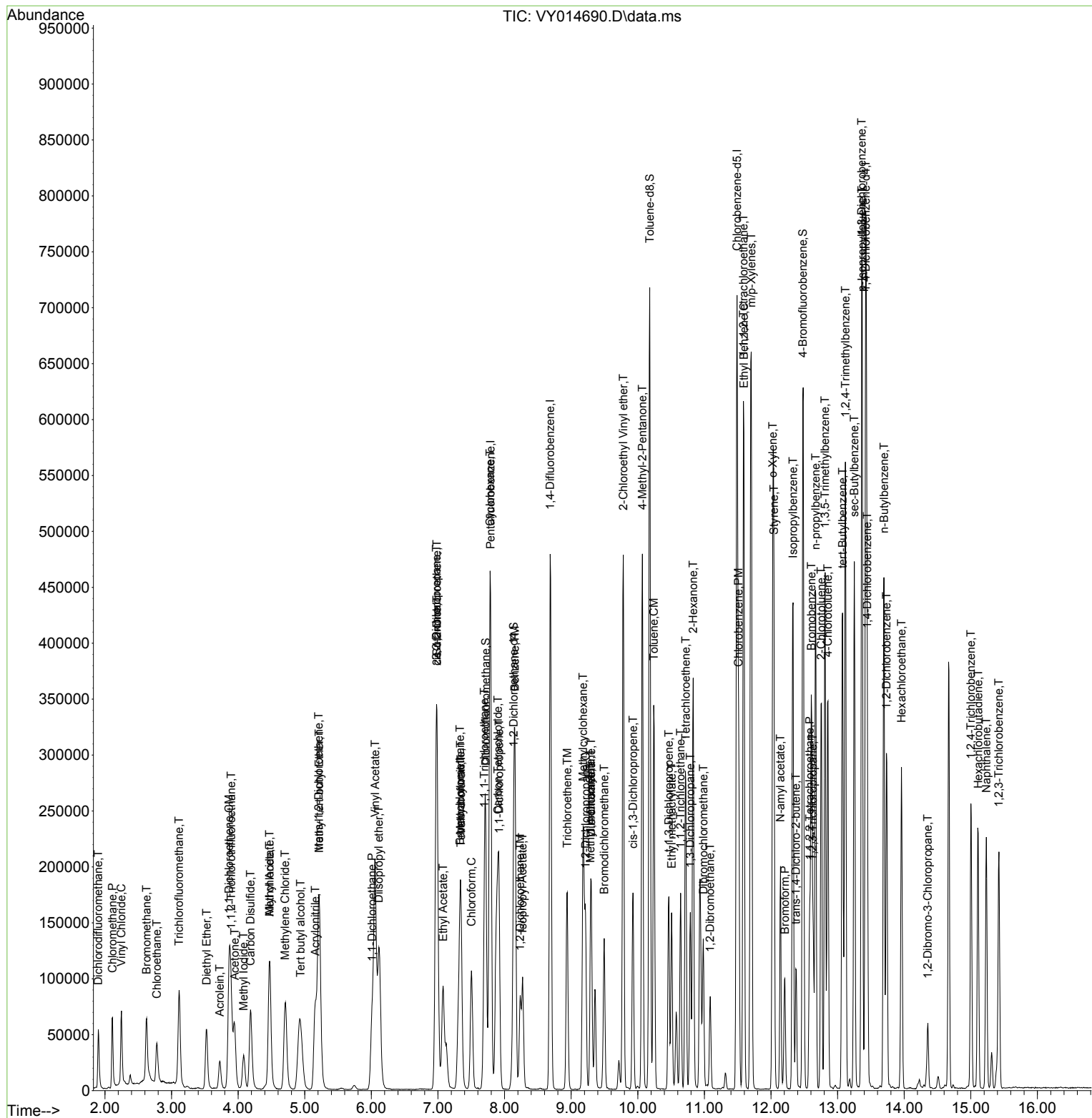
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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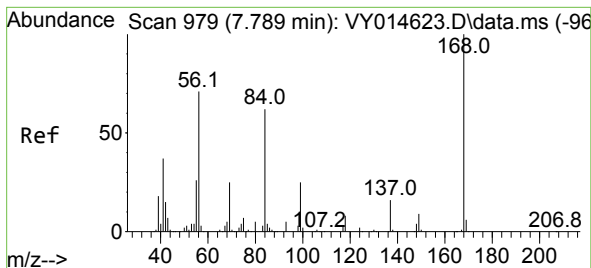
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

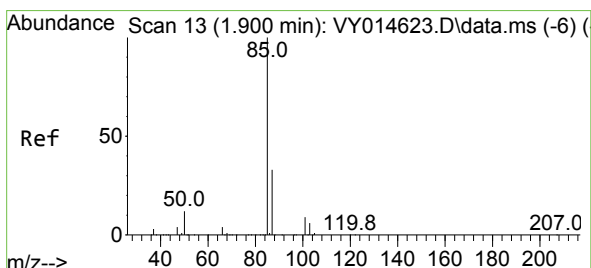
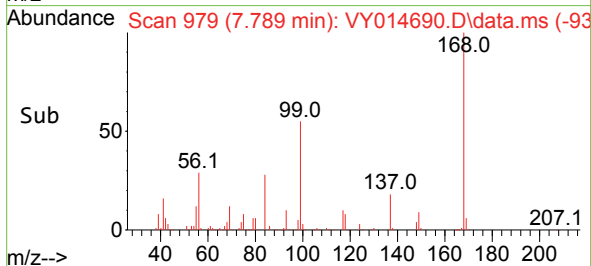
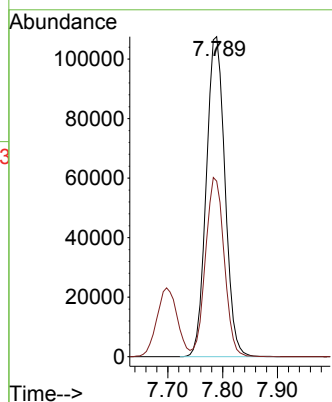
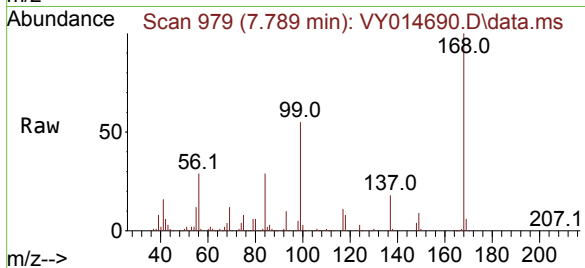
VY0718SBS01

Tgt Ion:168 Resp: 253062

Ion Ratio Lower Upper

168 100

99 54.8 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 21.843 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY014690.D

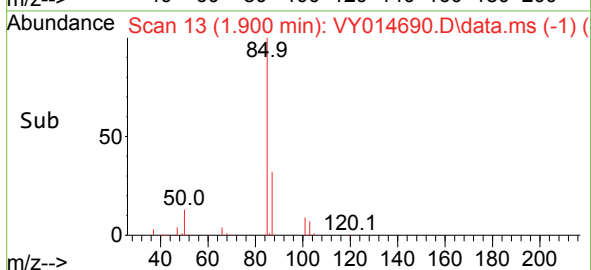
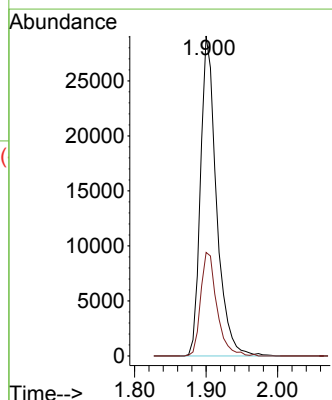
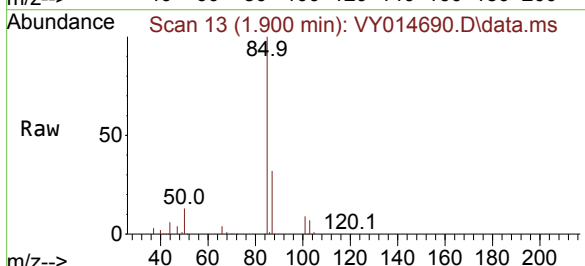
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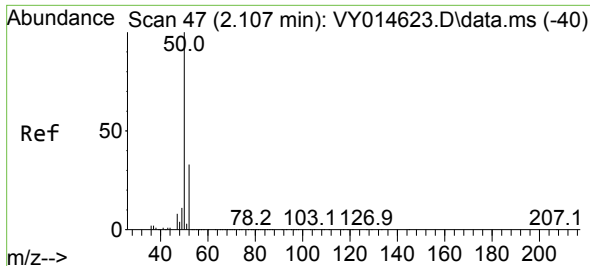
Tgt Ion: 85 Resp: 45034

Ion Ratio Lower Upper

85 100

87 32.4 15.6 46.8

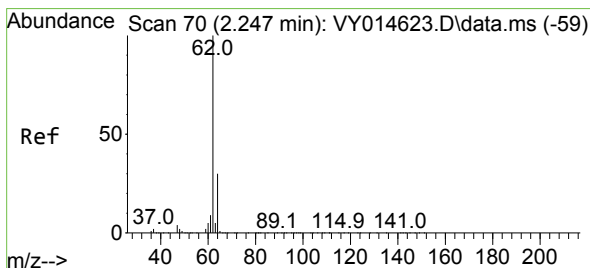
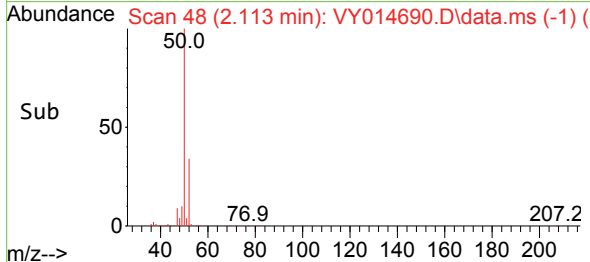
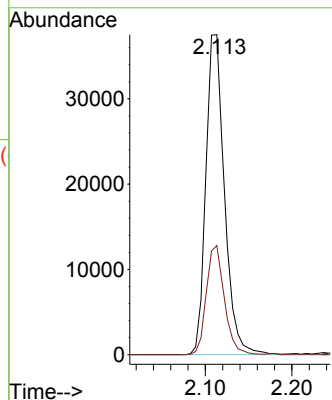
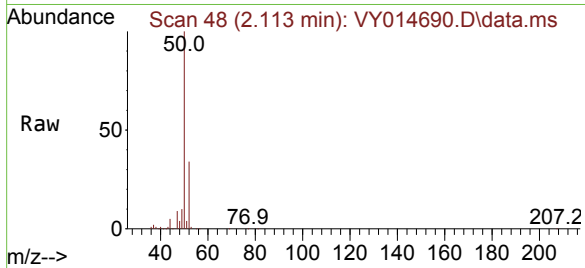




#3
Chloromethane
Concen: 24.178 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

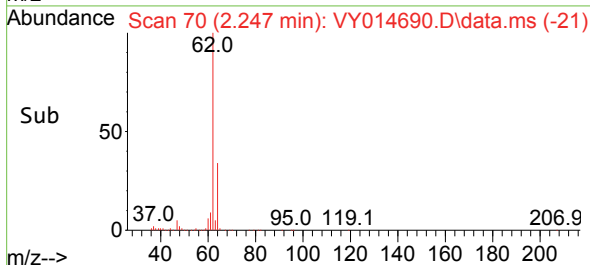
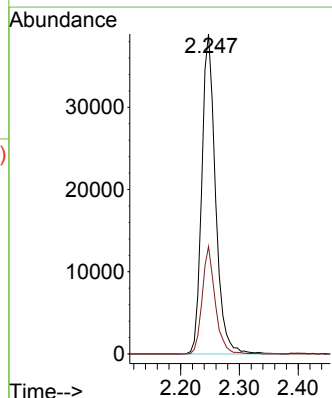
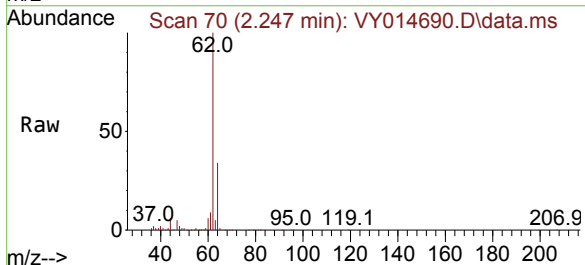
Instrument :
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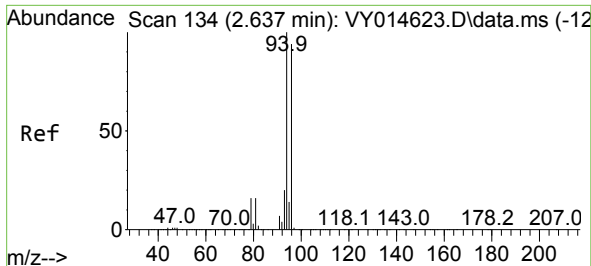
Tgt Ion: 50 Resp: 56035
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 24.415 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 62 Resp: 63237
Ion Ratio Lower Upper
62 100
64 33.6 24.3 36.5

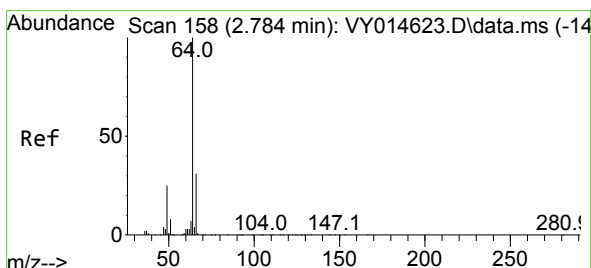
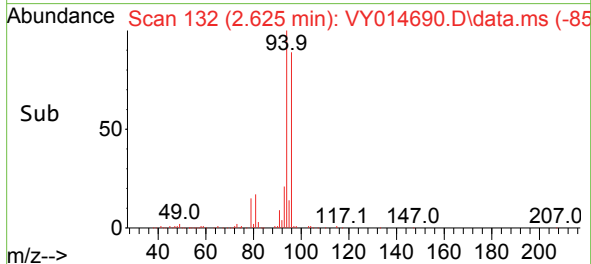
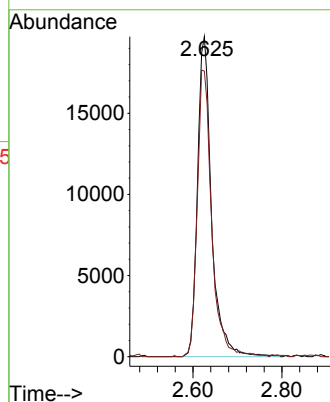
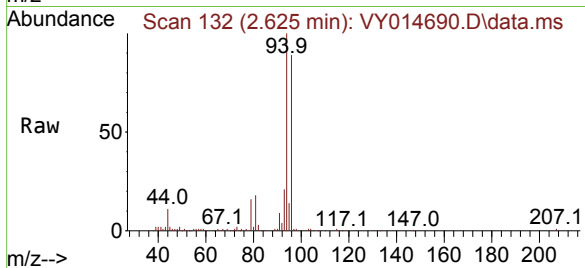




#5
Bromomethane
Concen: 25.237 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY014690.D
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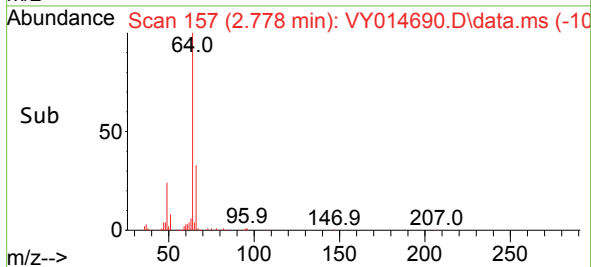
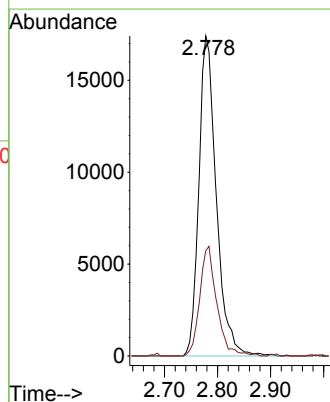
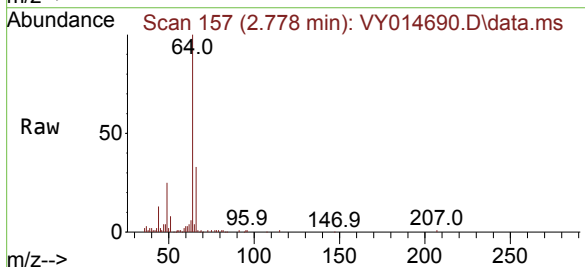
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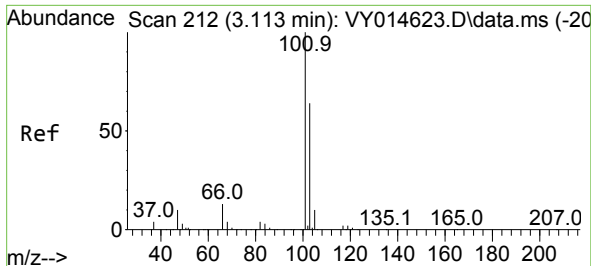
Tgt Ion: 94 Resp: 43198
Ion Ratio Lower Upper
94 100
96 89.2 75.8 113.6



#6
Chloroethane
Concen: 24.609 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY014690.D
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Tgt Ion: 64 Resp: 39815
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

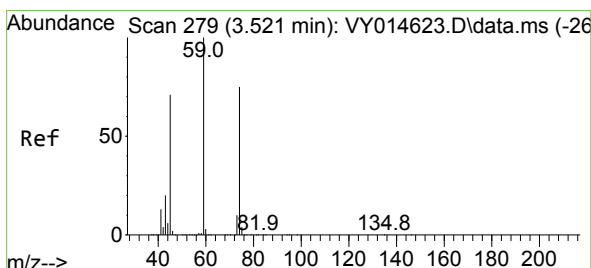
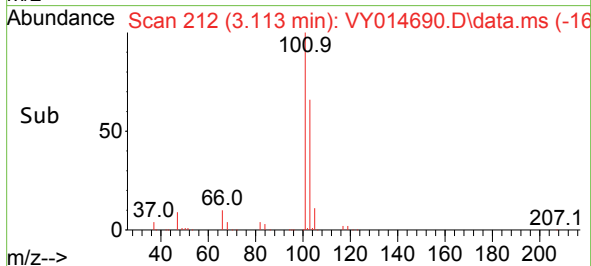
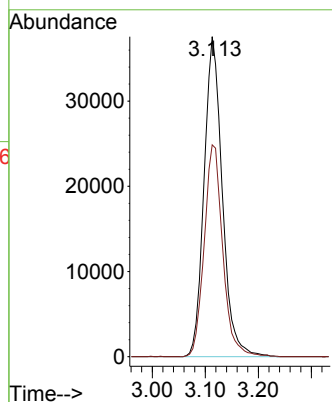
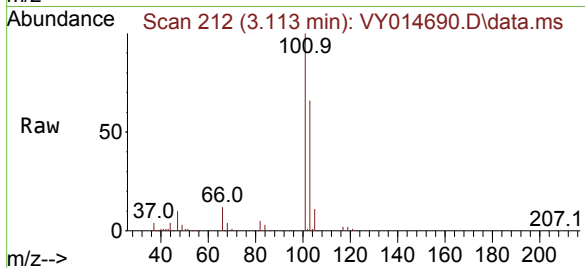




#7
 Trichlorofluoromethane
 Concen: 20.632 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. 0.000 min
 Lab File: VY014690.D
 Acq: 18 Jul 2023 10:25

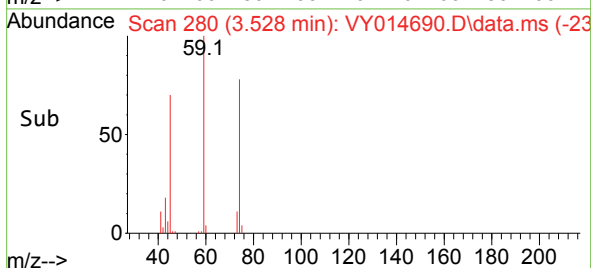
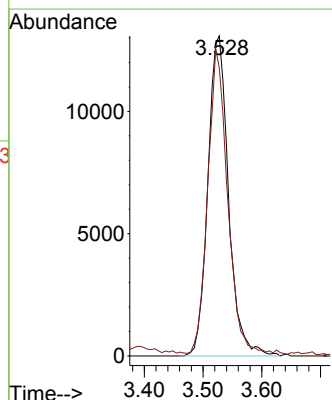
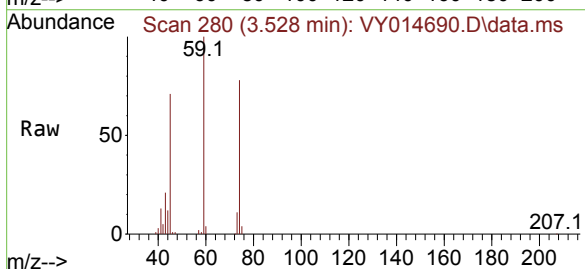
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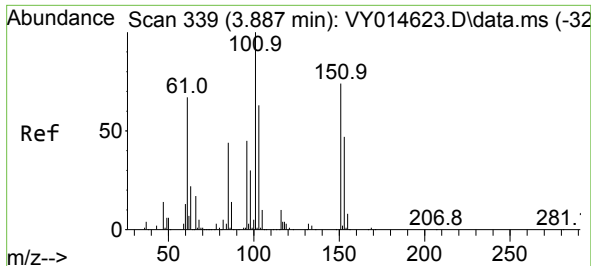
Tgt Ion:101 Resp: 89751
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.738 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.007 min
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Tgt Ion: 74 Resp: 31947
 Ion Ratio Lower Upper
 74 100
 45 91.2 51.5 154.5

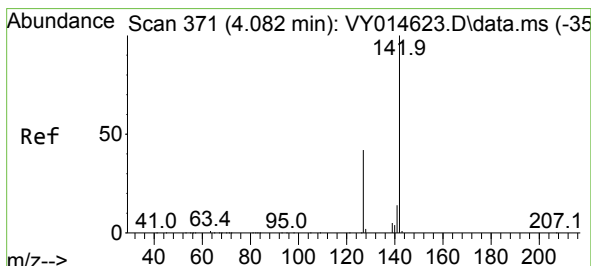
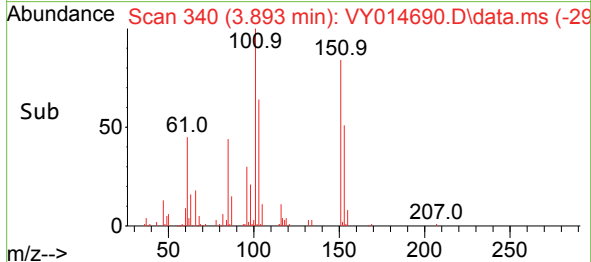
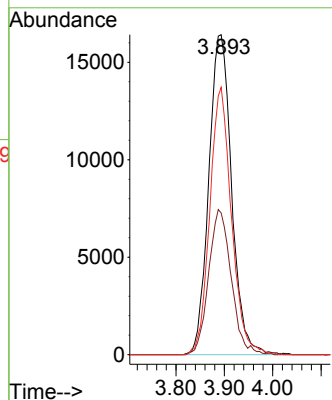
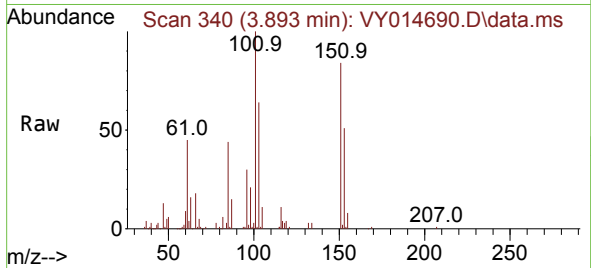




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.180 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

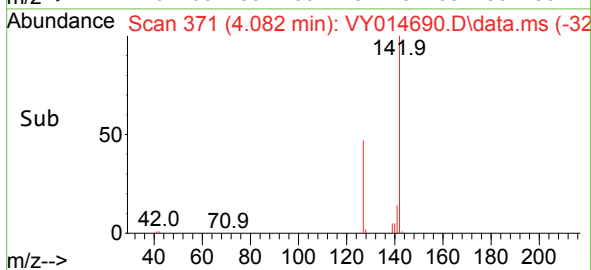
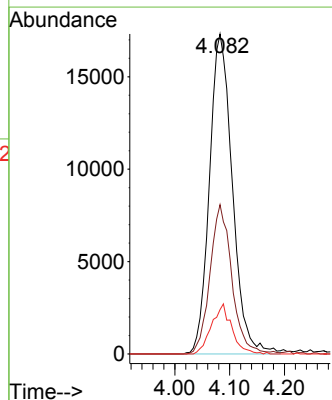
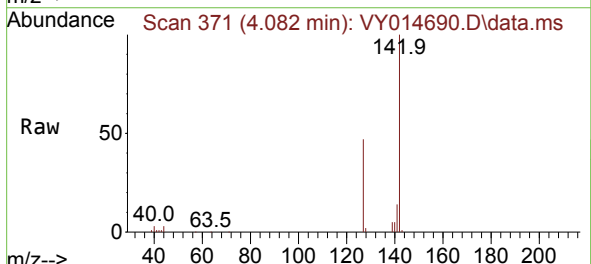
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

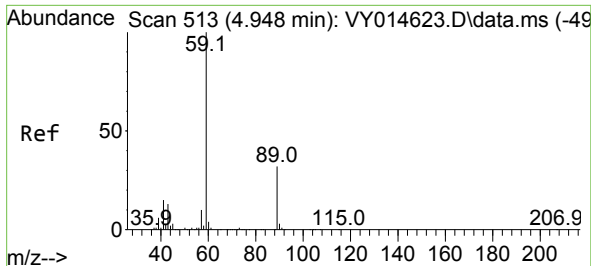
Tgt Ion:101 Resp: 53808
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 79.4 67.0 100.6



#10
Methyl Iodide
Concen: 19.318 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:142 Resp: 50289
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 164.297 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

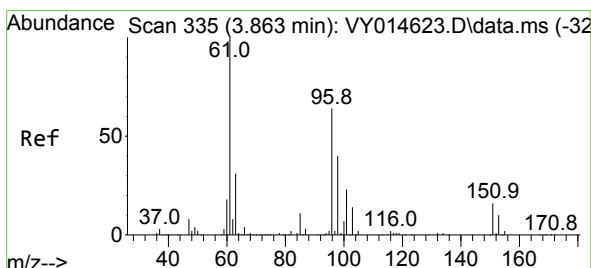
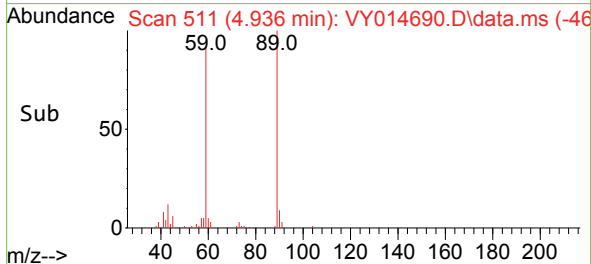
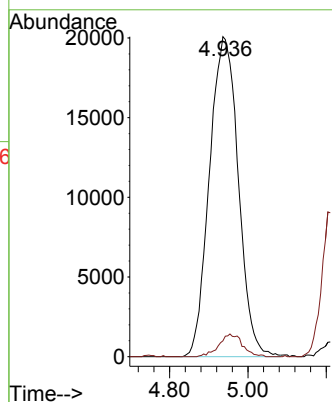
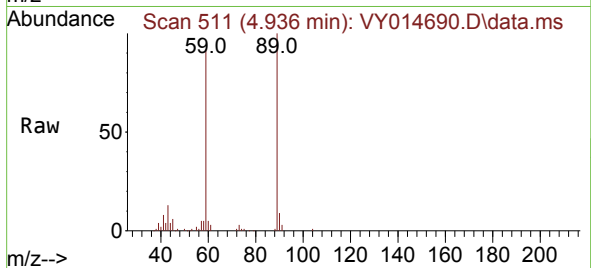
VY0718SBS01

Tgt Ion: 59 Resp: 102757

Ion Ratio Lower Upper

59 100

57 5.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.000 ug/l

RT: 3.863 min Scan# 335

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

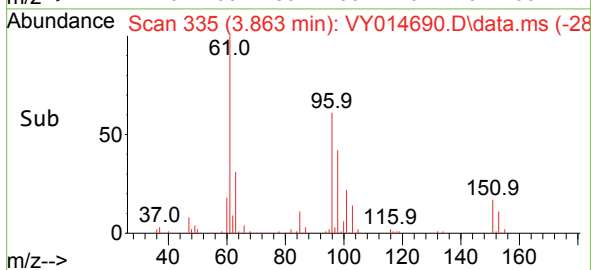
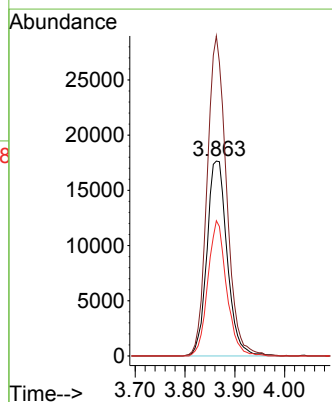
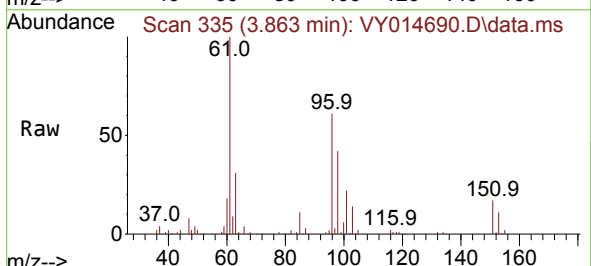
Tgt Ion: 96 Resp: 49840

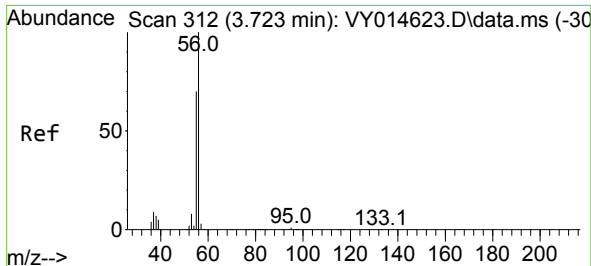
Ion Ratio Lower Upper

96 100

61 164.2 136.4 204.6

98 69.4 49.4 74.2

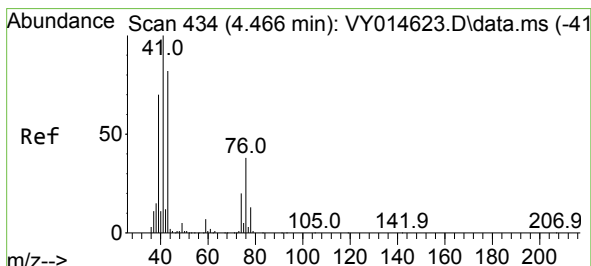
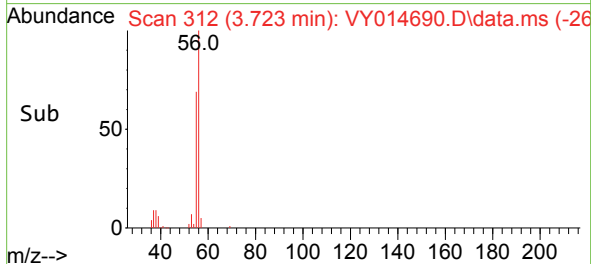
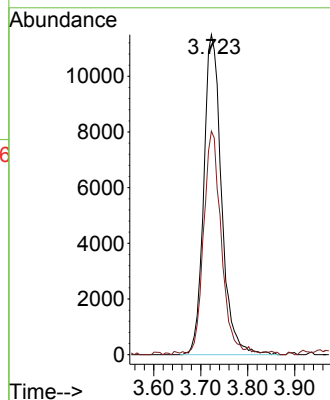
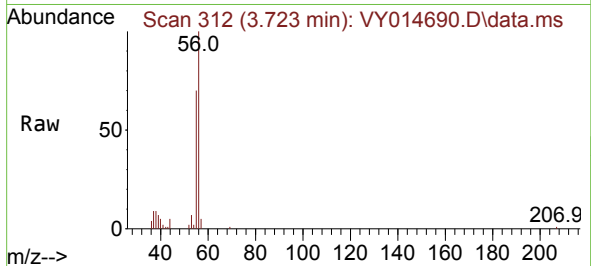




#13
Acrolein
Concen: 100.007 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

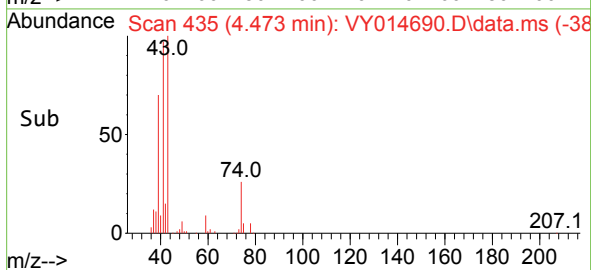
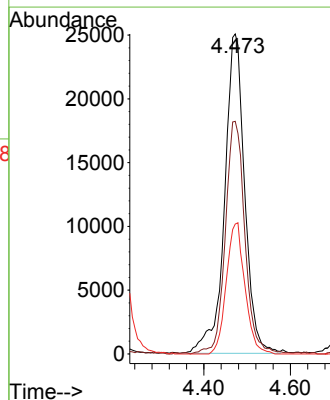
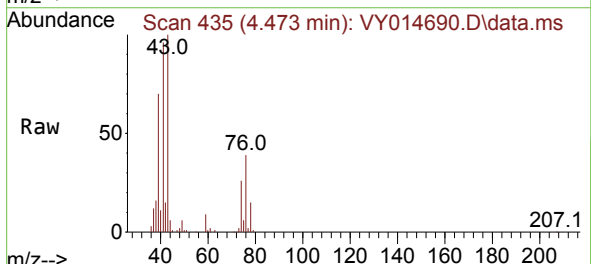
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

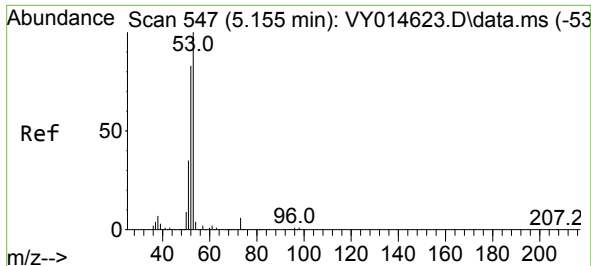
Tgt Ion: 56 Resp: 30143
Ion Ratio Lower Upper
56 100
55 68.1 57.0 85.4



#14
Allyl chloride
Concen: 18.302 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 41 Resp: 80982
Ion Ratio Lower Upper
41 100
39 70.9 58.0 87.0
76 37.9 27.4 41.2

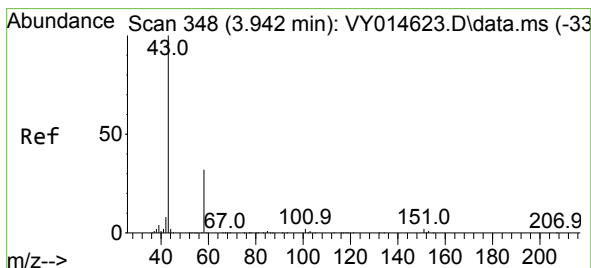
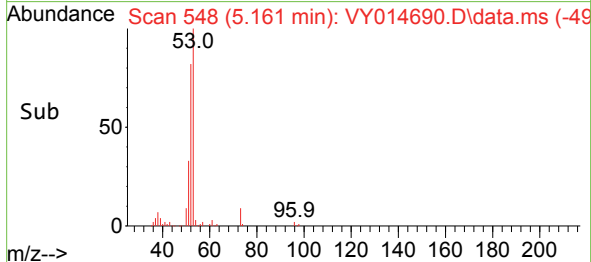
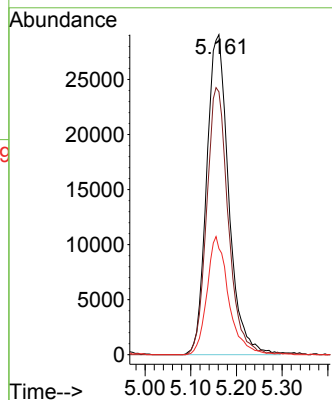
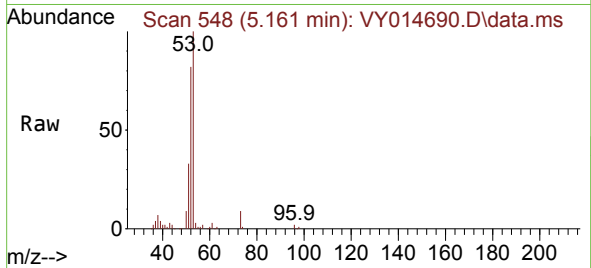




#15
Acrylonitrile
Concen: 109.366 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

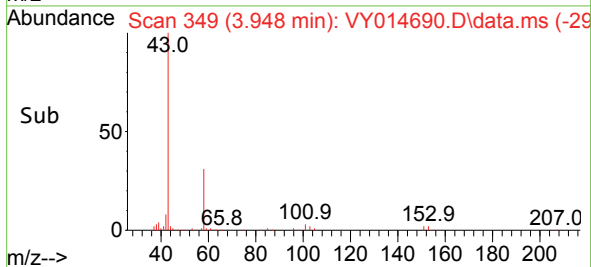
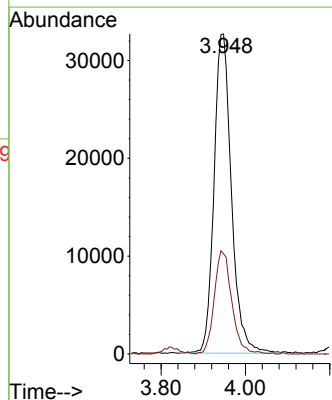
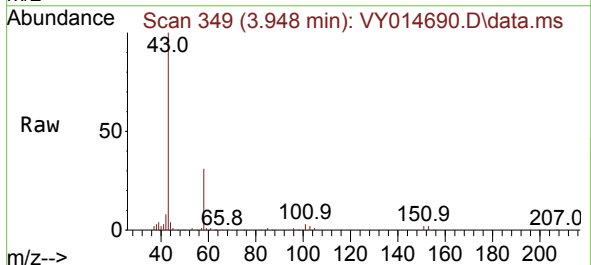
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

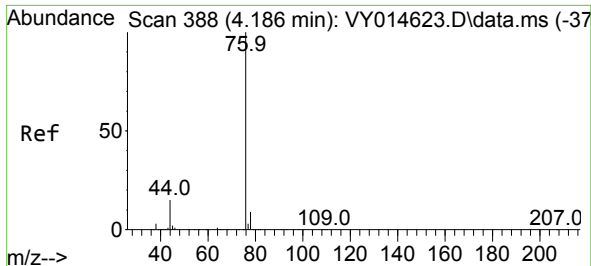
Tgt Ion: 53 Resp: 97613
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 102.276 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 43 Resp: 93462
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

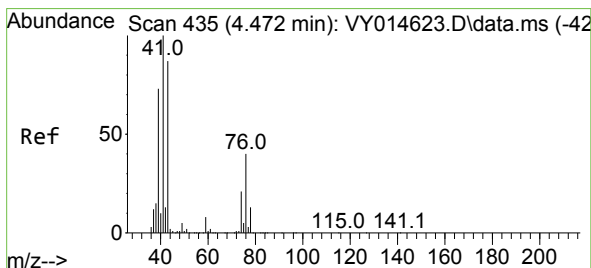
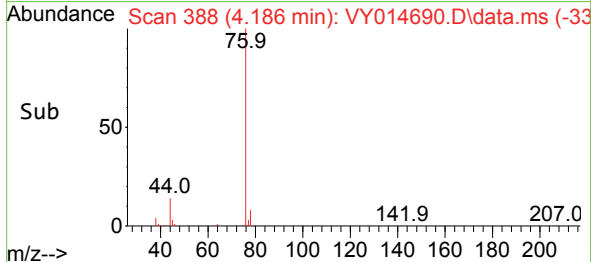
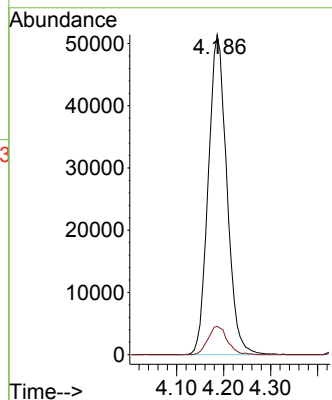
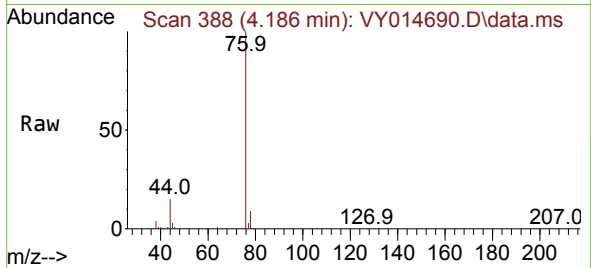




#17
Carbon Disulfide
Concen: 19.765 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

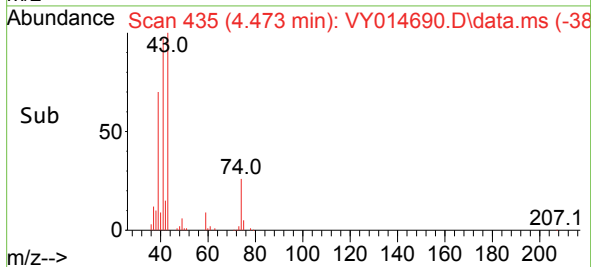
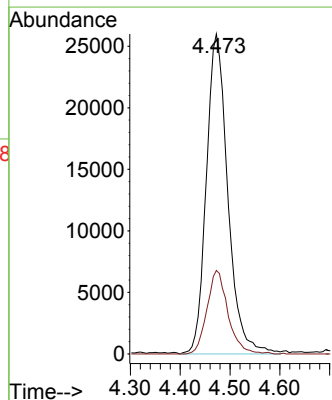
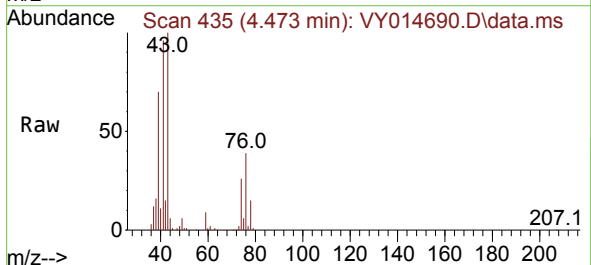
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

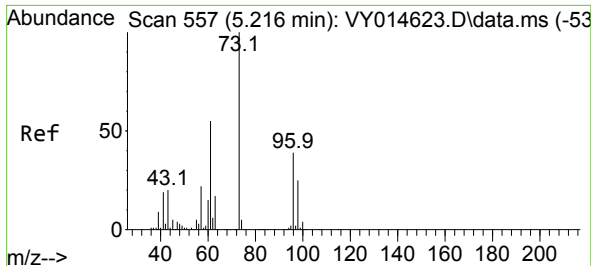
Tgt Ion: 76 Resp: 141018
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 22.193 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 43 Resp: 77827
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0

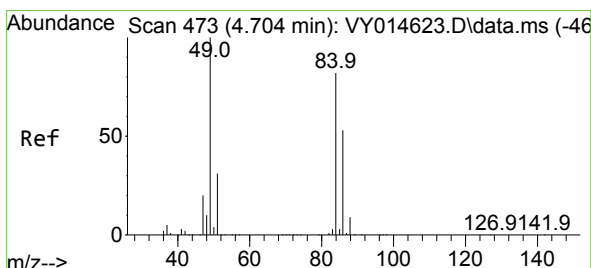
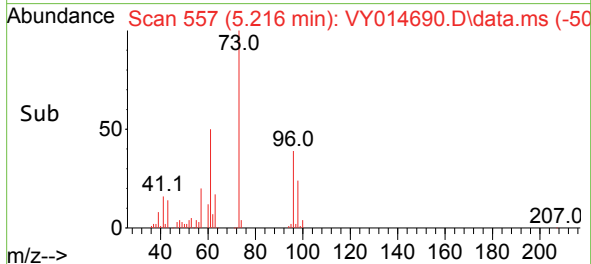
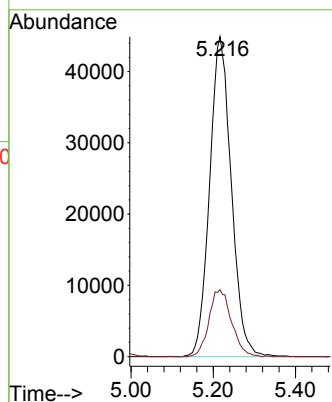
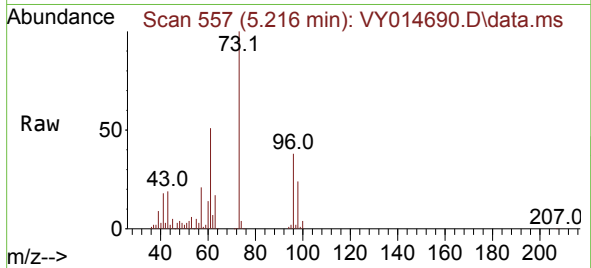




#19
Methyl tert-butyl Ether
Concen: 20.314 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

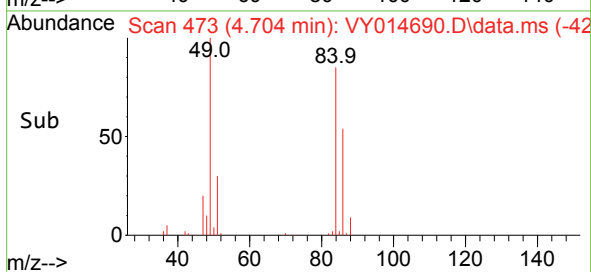
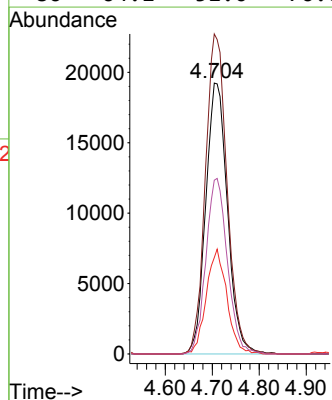
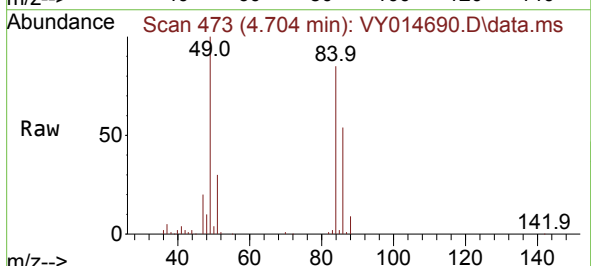
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

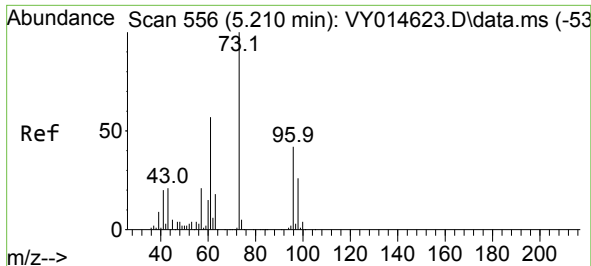
Tgt Ion: 73 Resp: 164445
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 18.093 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 84 Resp: 61712
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 35.6 33.2 49.8
86 64.1 51.0 76.6

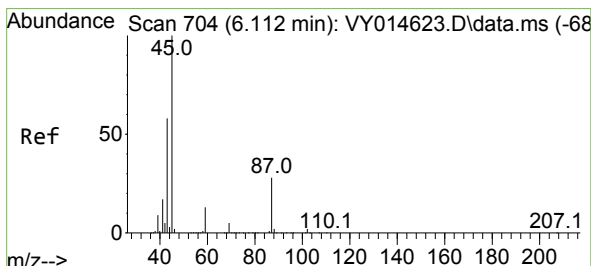
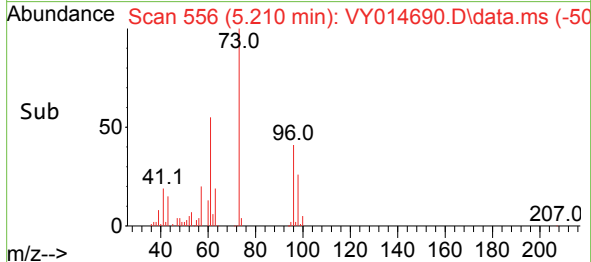
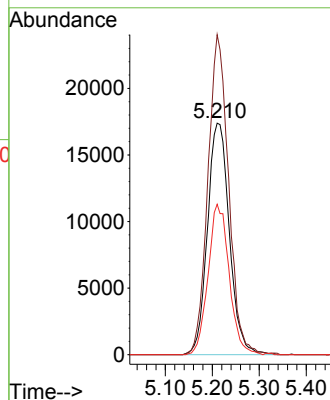
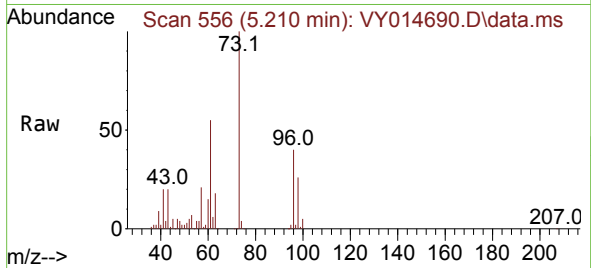




#21
trans-1,2-Dichloroethene
Concen: 19.895 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

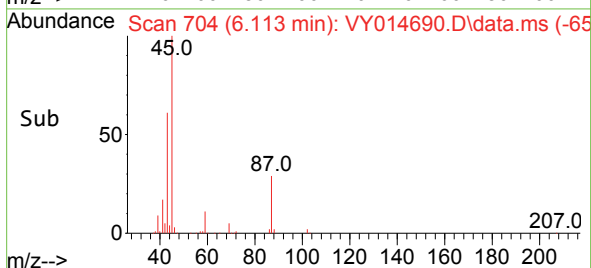
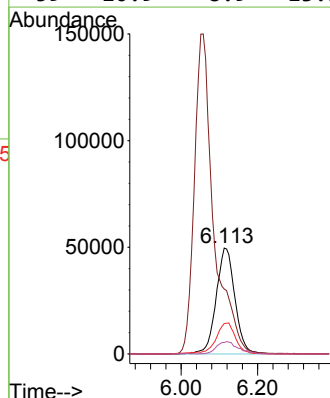
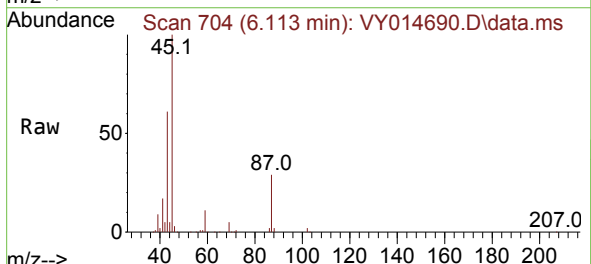
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

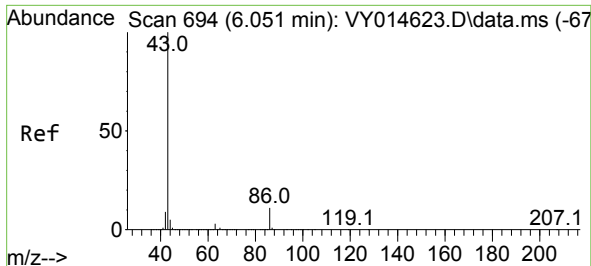
Tgt Ion: 96 Resp: 56265
Ion Ratio Lower Upper
96 100
61 138.2 110.2 165.4
98 65.0 51.8 77.6



#22
Diisopropyl ether
Concen: 18.792 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 45 Resp: 169049
Ion Ratio Lower Upper
45 100
43 60.8 52.2 78.4
87 28.7 21.0 31.6
59 10.9 8.9 13.3

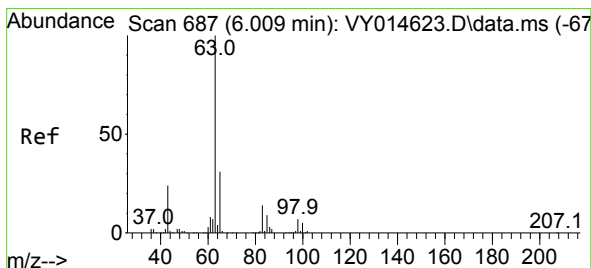
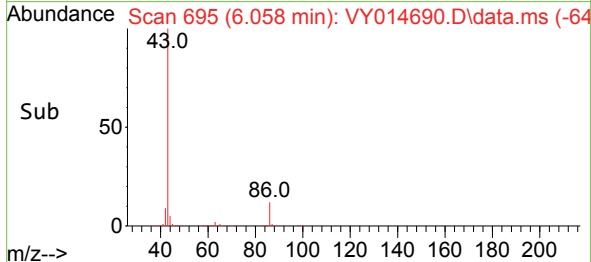
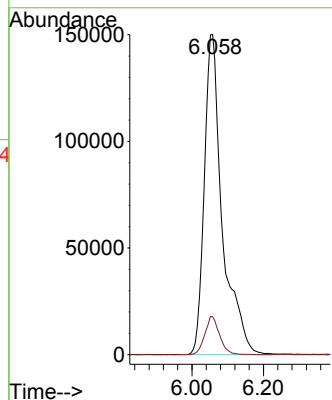
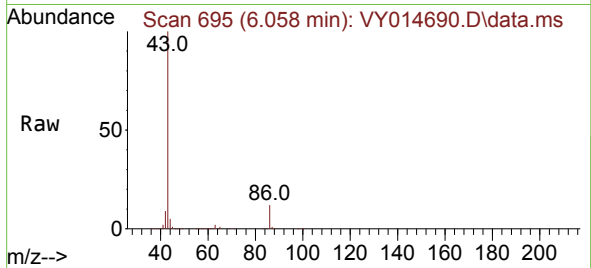




#23
 Vinyl Acetate
 Concen: 97.697 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VY014690.D
 Acq: 18 Jul 2023 10:25

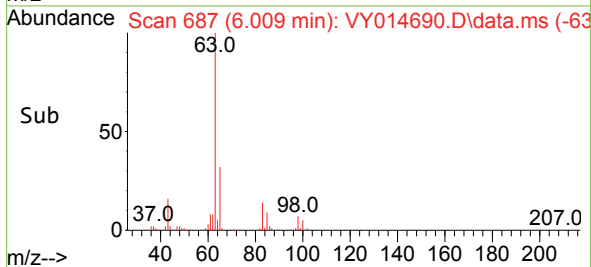
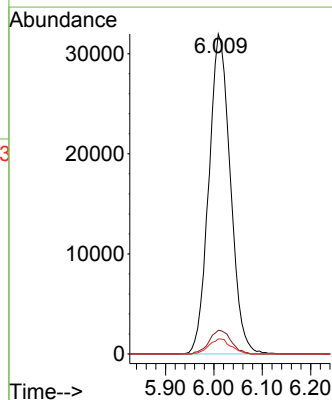
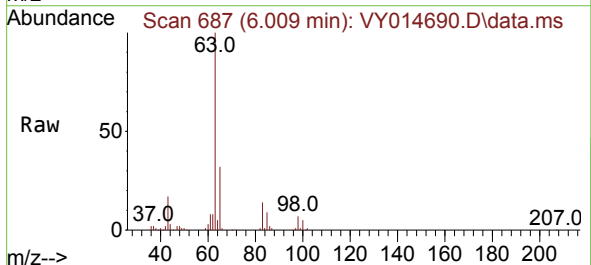
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

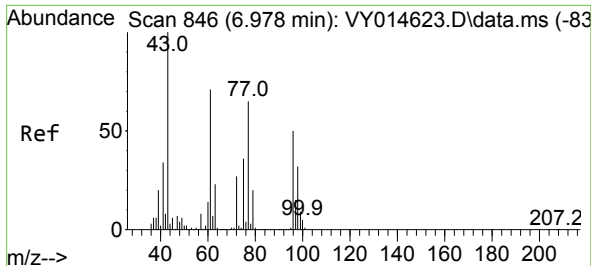
Tgt Ion: 43 Resp: 525939
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.223 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY014690.D
 Acq: 18 Jul 2023 10:25

Tgt Ion: 63 Resp: 98944
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 109.057 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

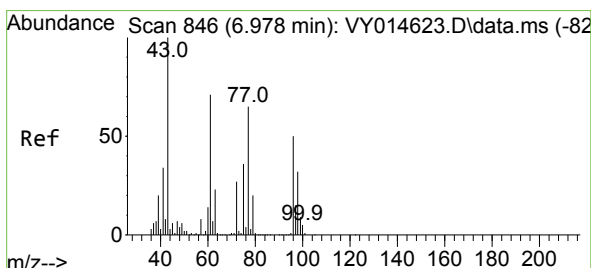
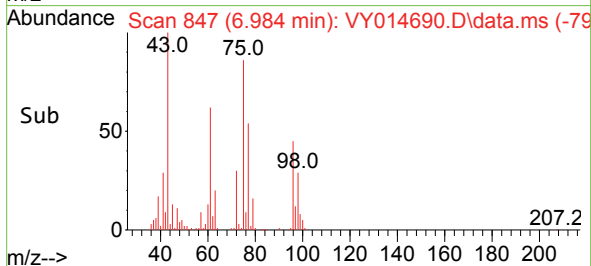
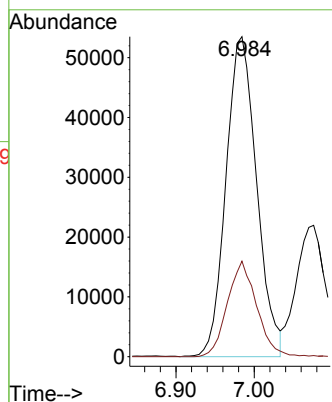
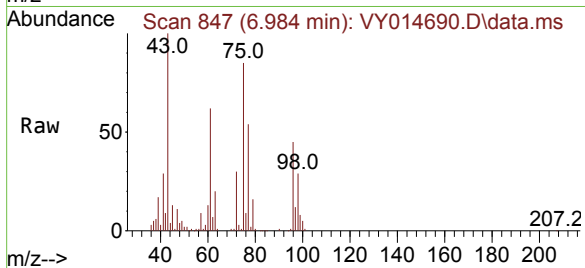
VY0718SBS01

Tgt Ion: 43 Resp: 145800

Ion Ratio Lower Upper

43 100

72 29.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.553 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY014690.D

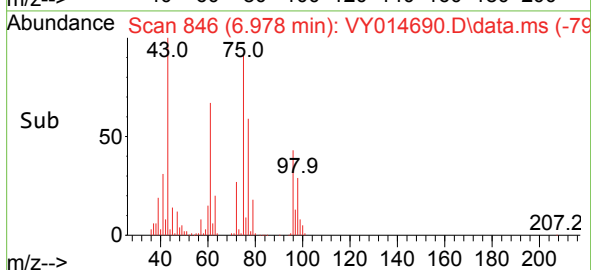
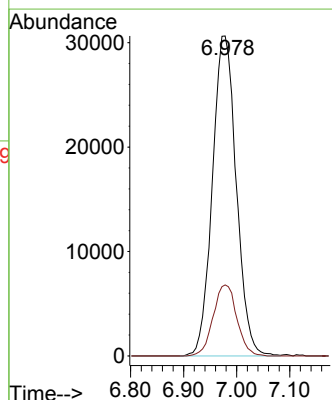
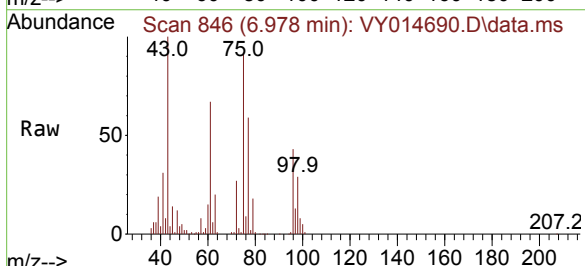
Acq: 18 Jul 2023 10:25

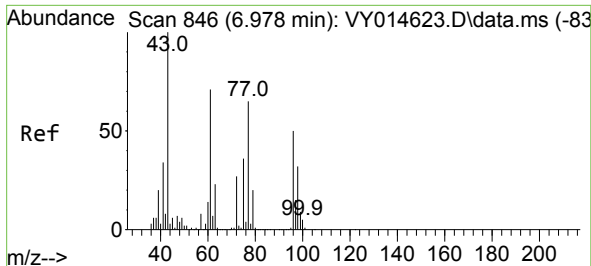
Tgt Ion: 77 Resp: 95921

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.631 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

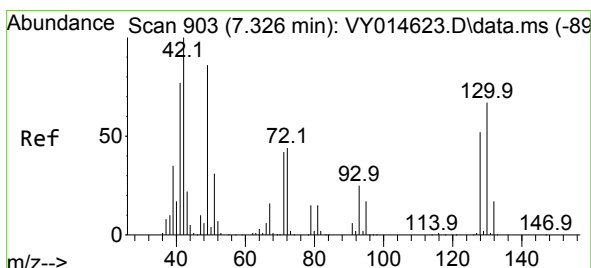
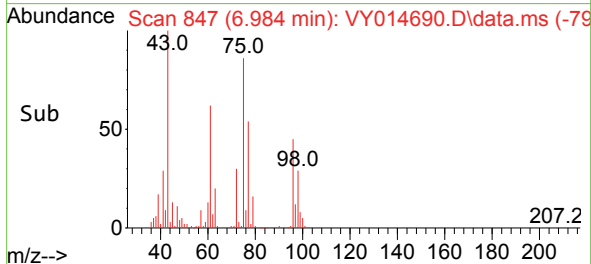
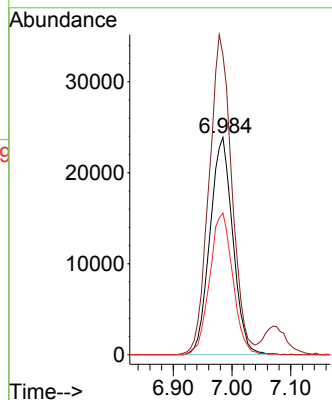
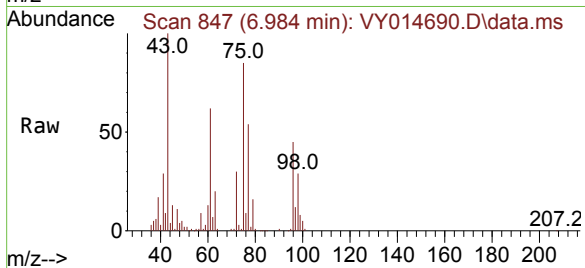
Tgt Ion: 96 Resp: 64623

Ion Ratio Lower Upper

96 100

61 146.4 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 21.994 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

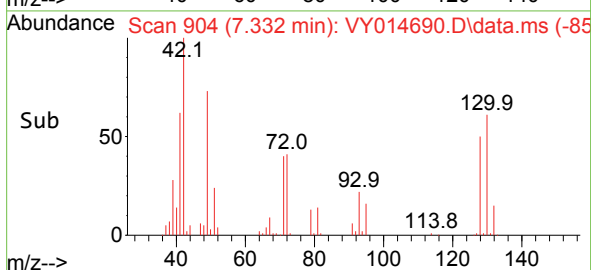
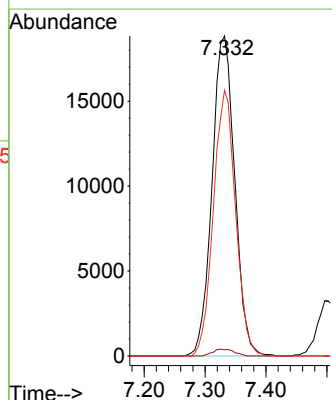
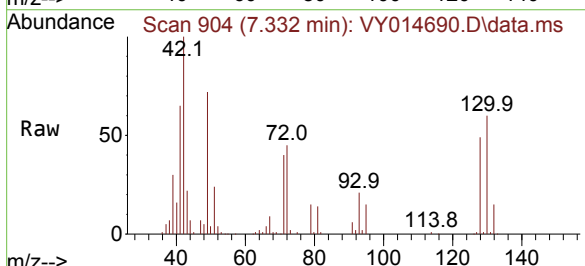
Tgt Ion: 49 Resp: 48758

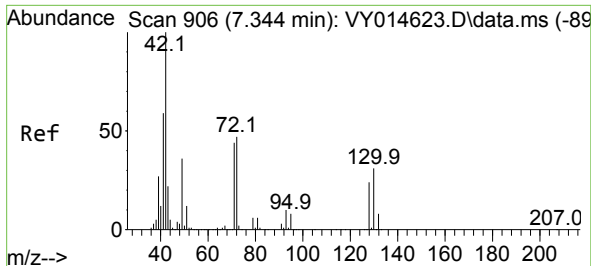
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 111.914 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

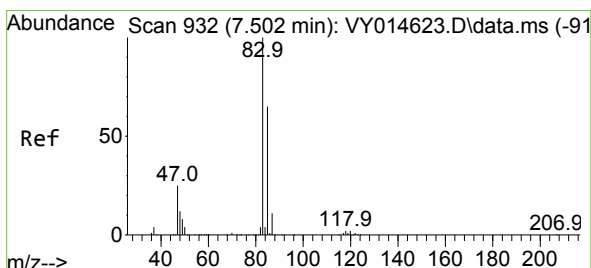
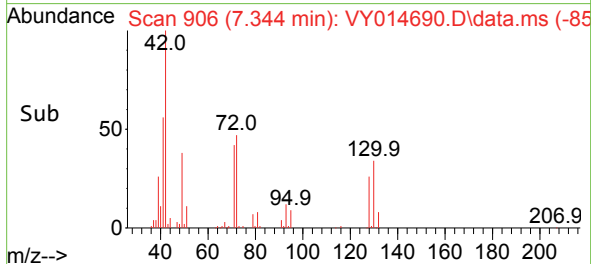
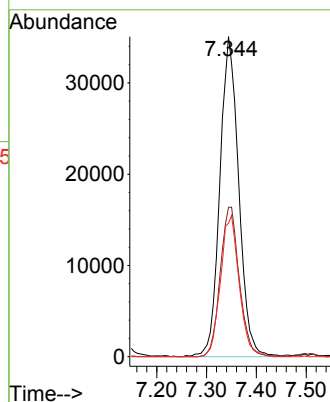
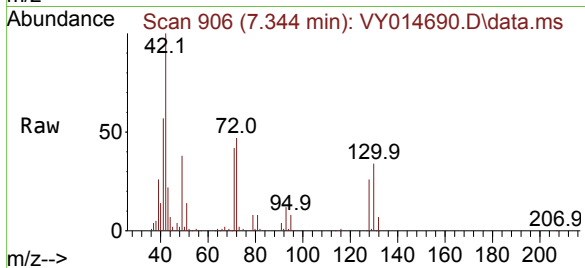
Tgt Ion: 42 Resp: 92129

Ion Ratio Lower Upper

42 100

72 47.2 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 19.454 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY014690.D

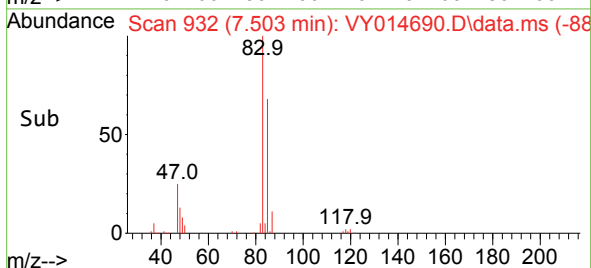
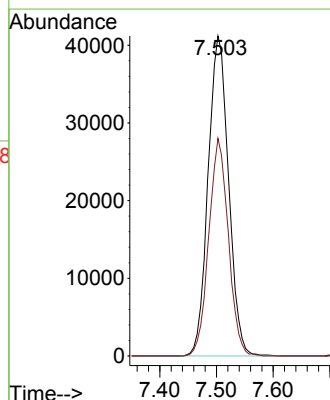
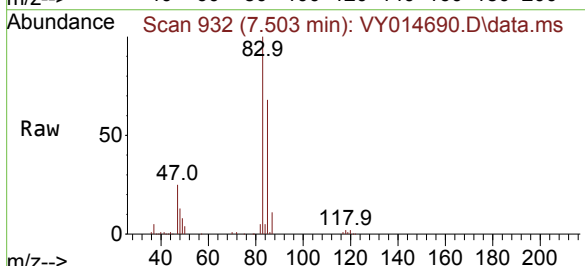
Acq: 18 Jul 2023 10:25

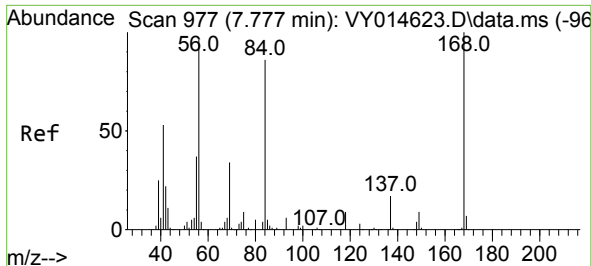
Tgt Ion: 83 Resp: 103261

Ion Ratio Lower Upper

83 100

85 68.0 49.7 74.5

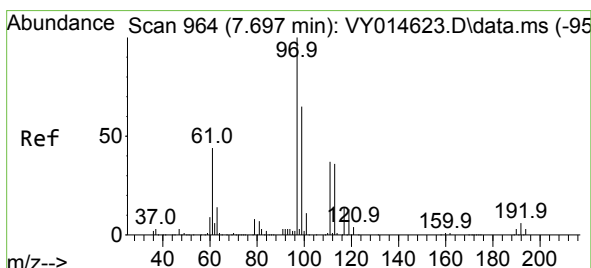
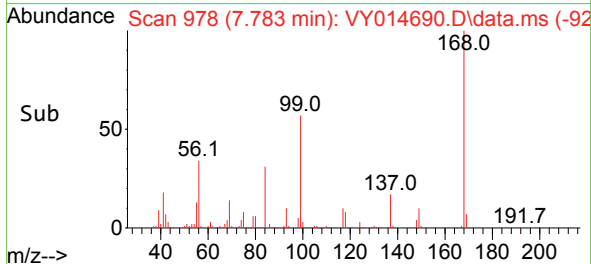
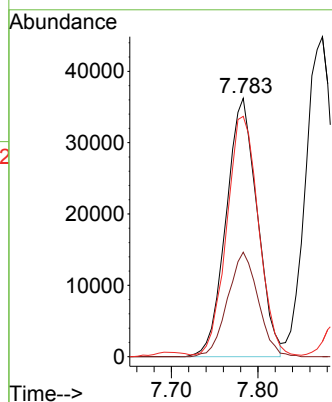
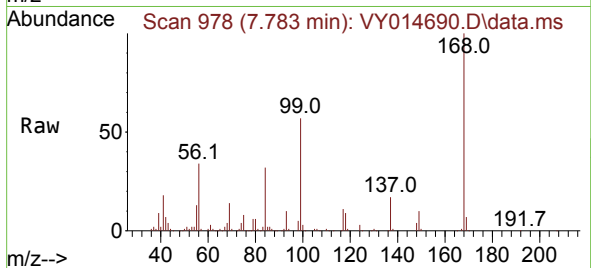




#31
Cyclohexane
Concen: 18.890 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

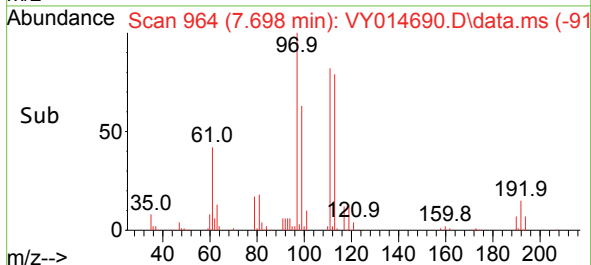
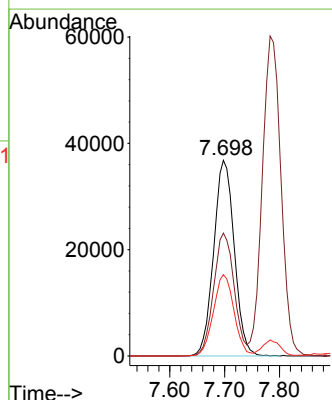
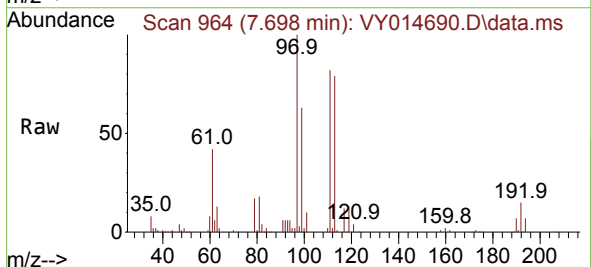
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

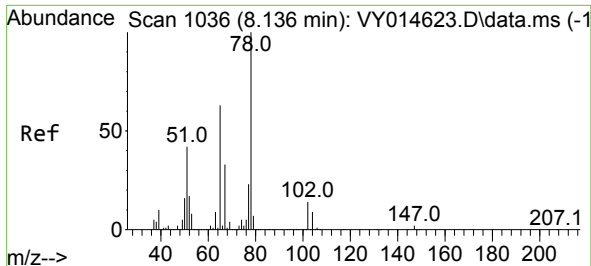
Tgt Ion: 56 Resp: 90428
Ion Ratio Lower Upper
56 100
69 40.4 27.8 41.6
84 91.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.099 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 97 Resp: 96016
Ion Ratio Lower Upper
97 100
99 62.7 50.8 76.2
61 41.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.589 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

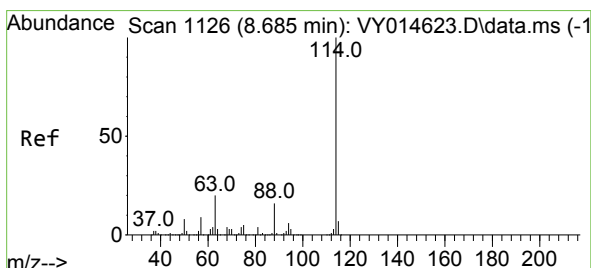
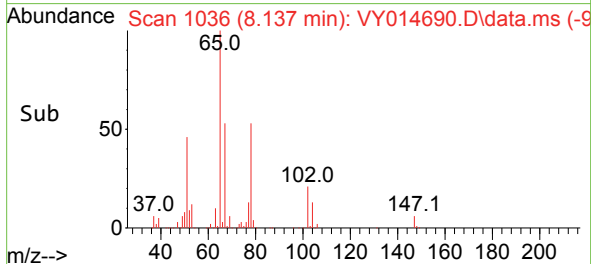
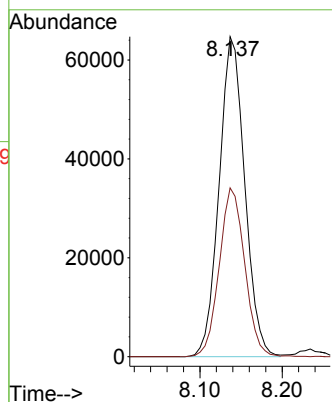
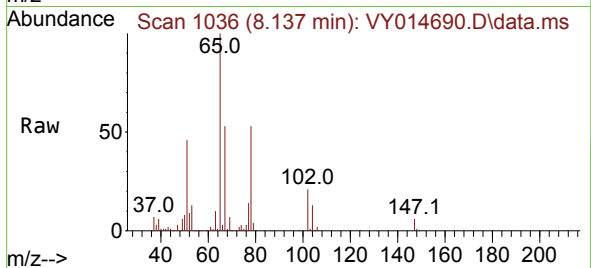
VY0718SBS01

Tgt Ion: 65 Resp: 140119

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

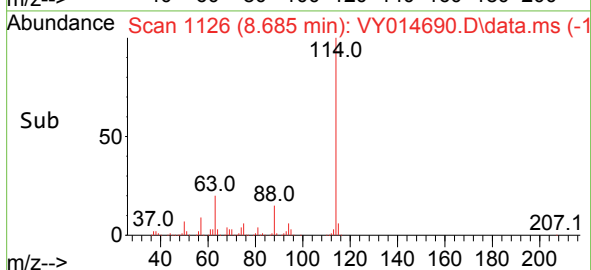
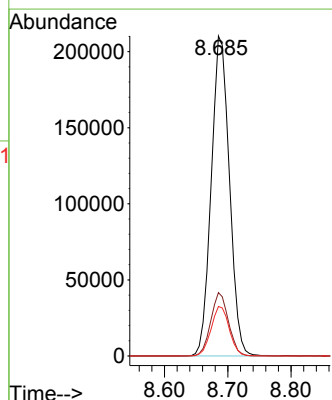
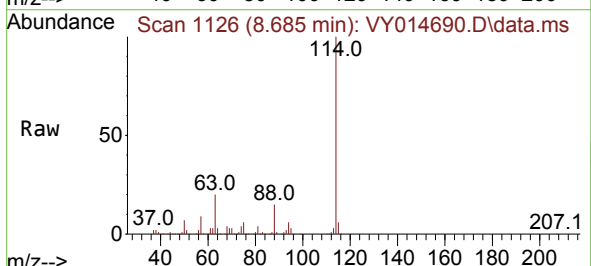
Tgt Ion:114 Resp: 418979

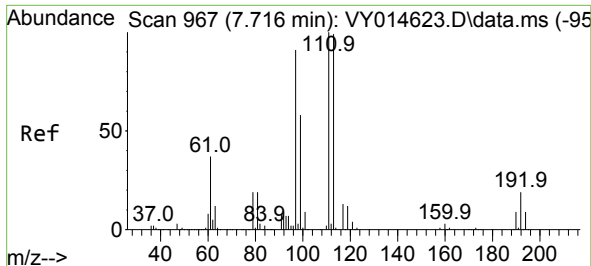
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.4 0.0 30.6

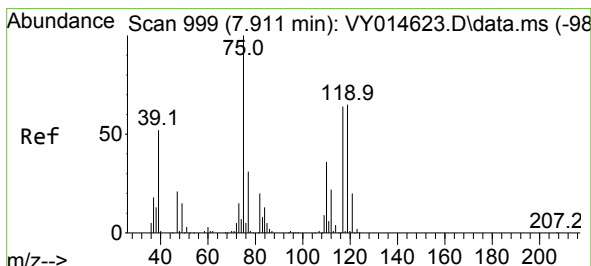
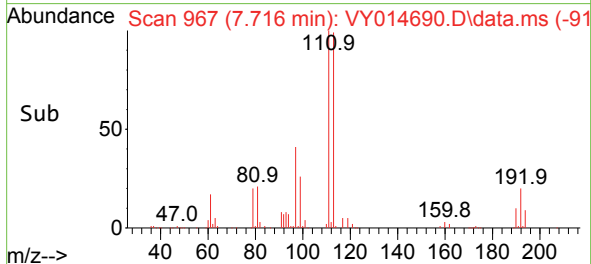
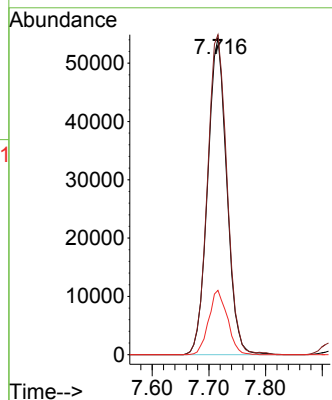
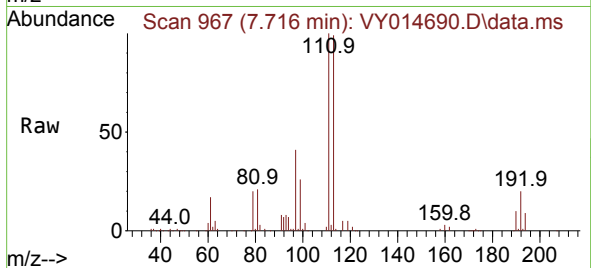




#35
Dibromofluoromethane
Concen: 47.740 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

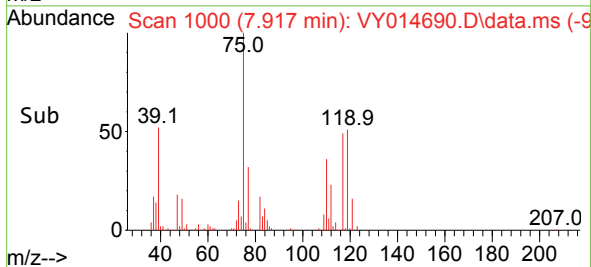
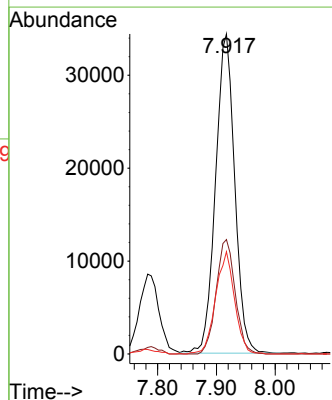
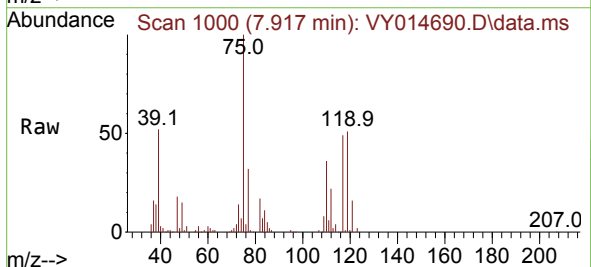
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

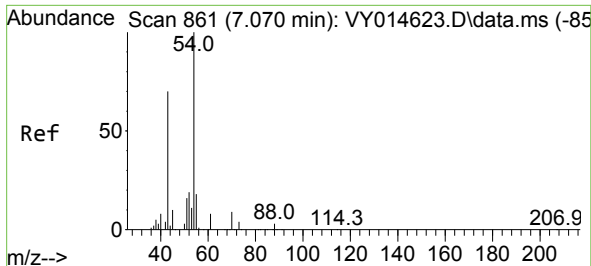
Tgt Ion:113 Resp: 127329
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.491 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 75 Resp: 77742
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 31.7 24.4 36.6

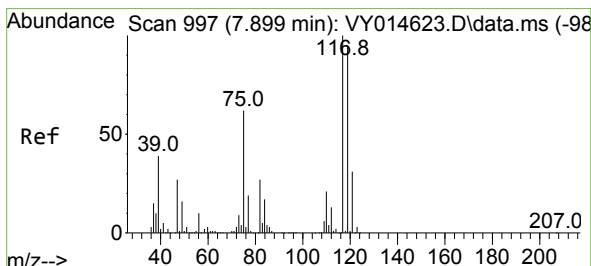
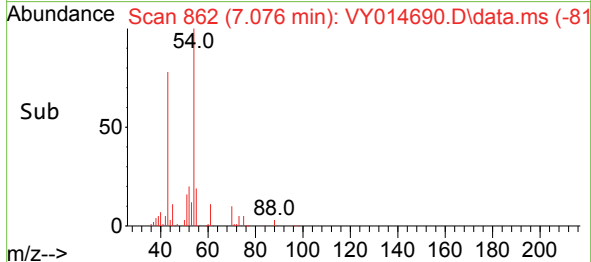
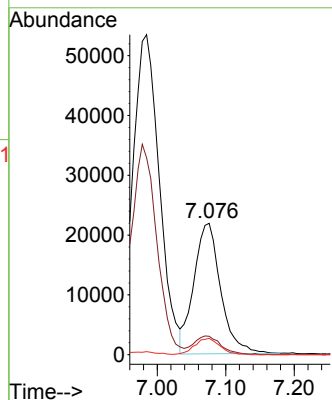
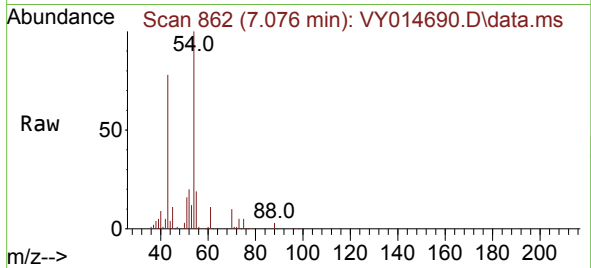




#37
Ethyl Acetate
Concen: 21.617 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

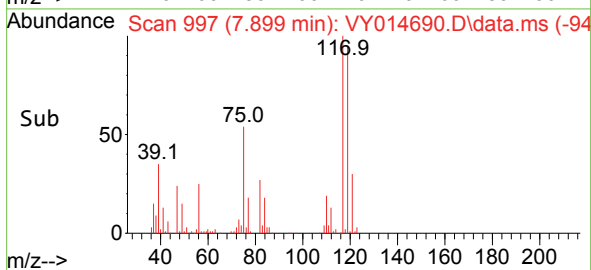
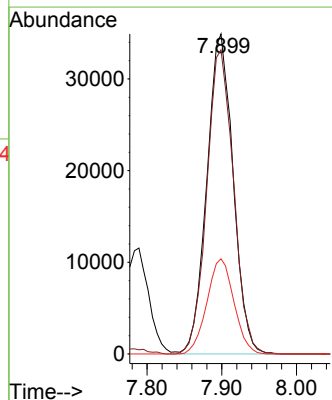
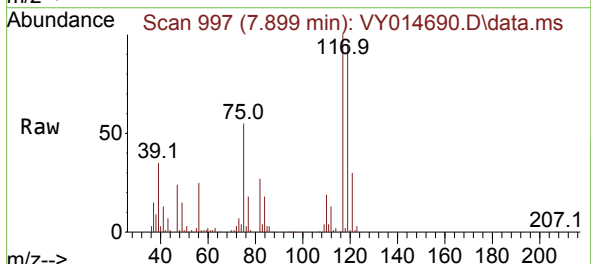
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

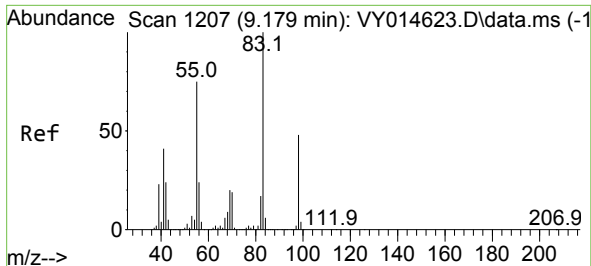
Tgt Ion: 43 Resp: 59363
Ion Ratio Lower Upper
43 100
61 14.6 10.1 15.1
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.202 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 117 Resp: 85176
Ion Ratio Lower Upper
117 100
119 95.0 76.4 114.6
121 29.8 25.8 38.6

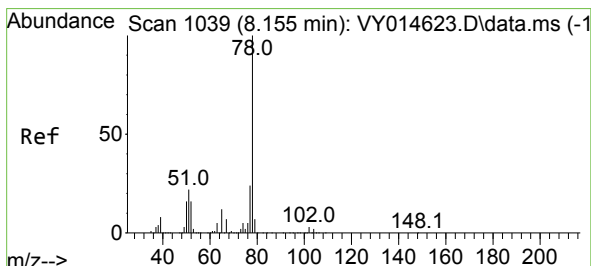
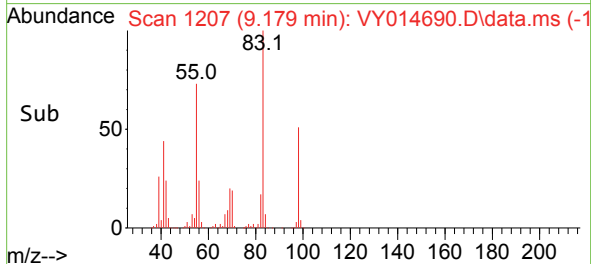
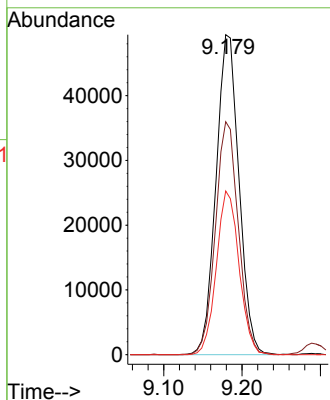
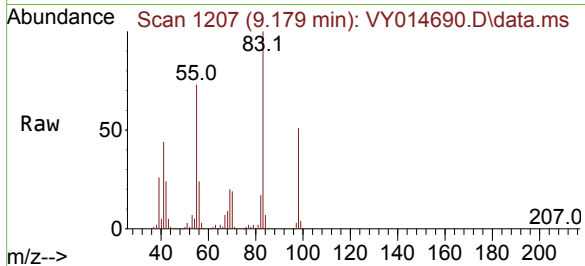




#39
Methylcyclohexane
Concen: 19.405 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

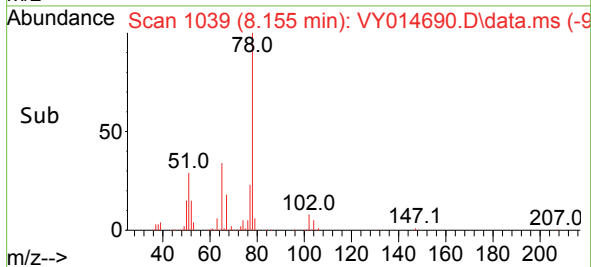
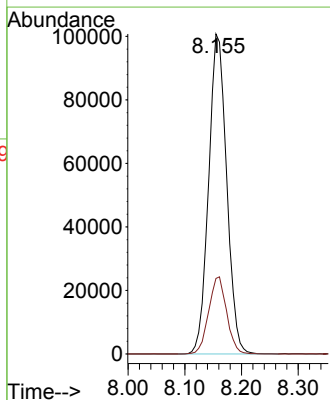
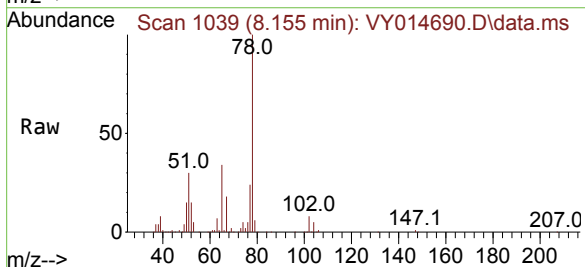
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

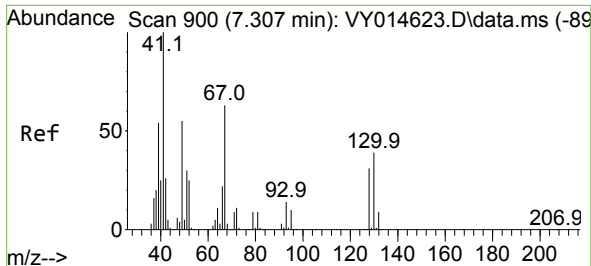
Tgt Ion: 83 Resp: 100837
Ion Ratio Lower Upper
83 100
55 72.8 63.0 94.4
98 51.2 37.4 56.2



#40
Benzene
Concen: 19.632 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 78 Resp: 222697
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

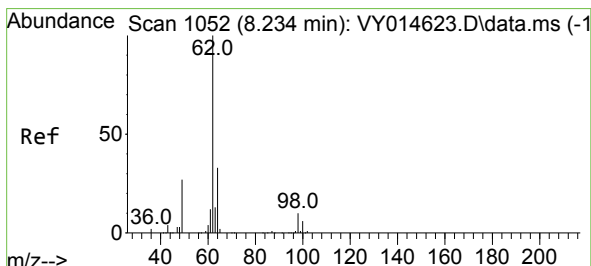
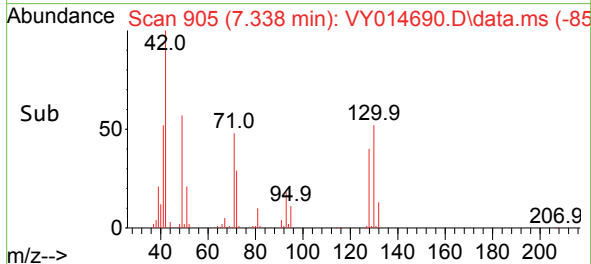
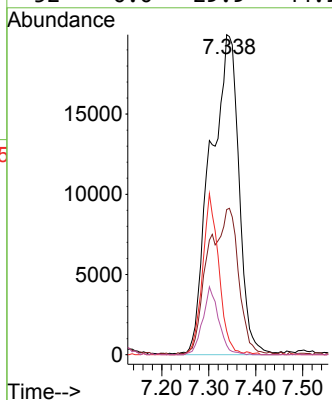
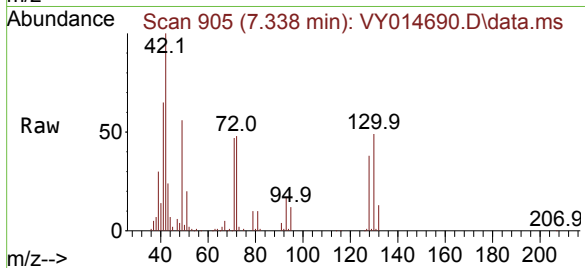




#41
Methacrylonitrile
Concen: 59.267 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

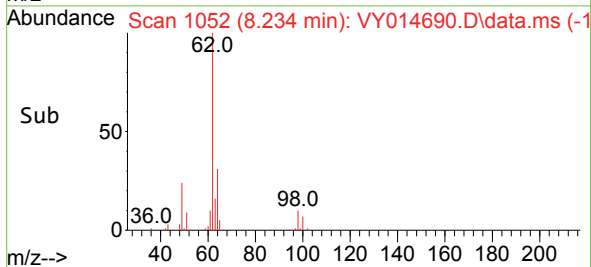
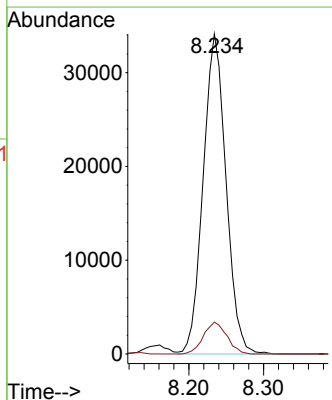
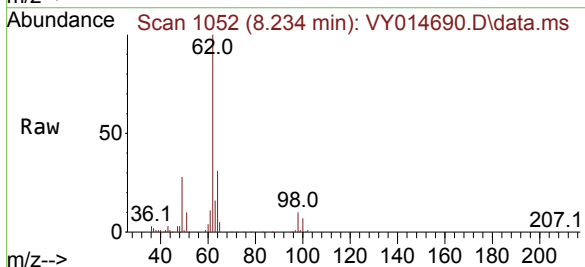
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

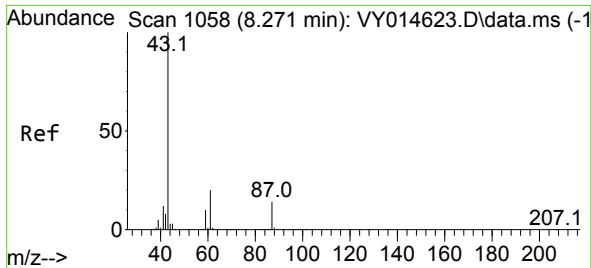
Tgt Ion: 41 Resp: 83714
Ion Ratio Lower Upper
41 100
39 24.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.159 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 62 Resp: 72417
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8

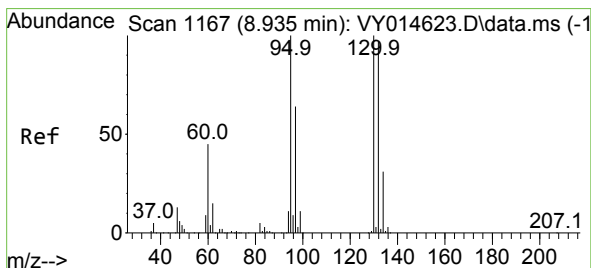
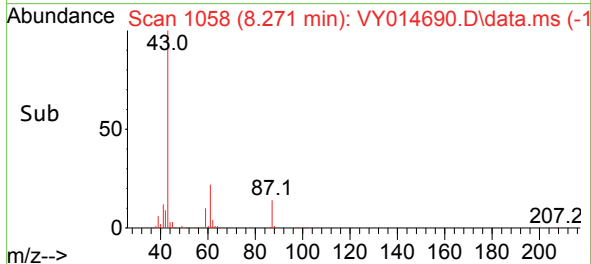
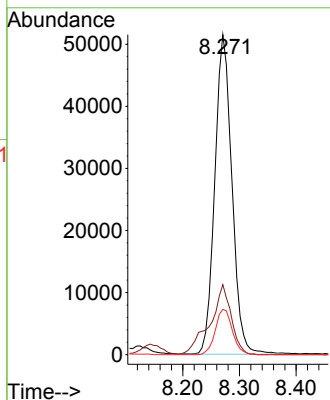
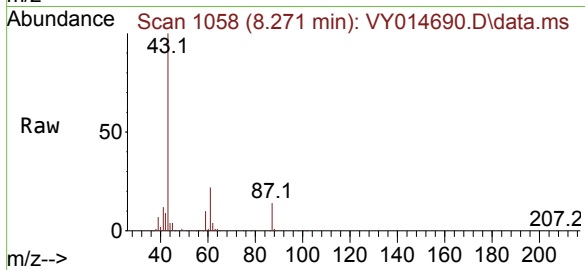




#43
Isopropyl Acetate
Concen: 20.639 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

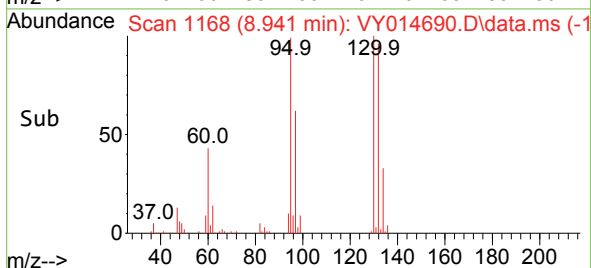
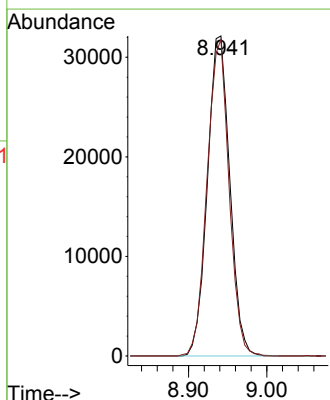
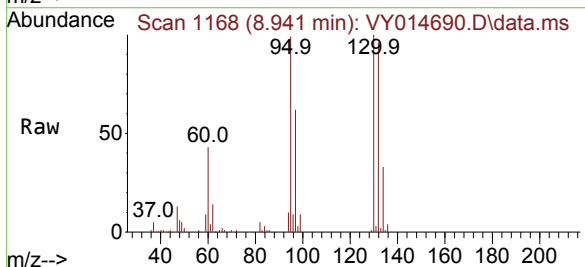
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

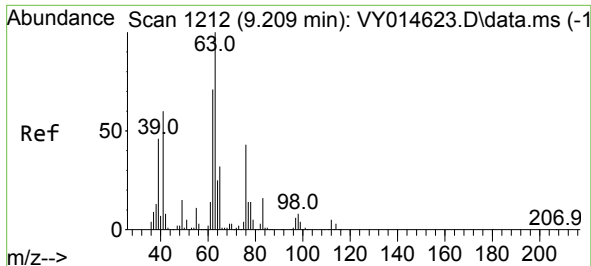
Tgt Ion: 43 Resp: 107964
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 20.065 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:130 Resp: 63684
Ion Ratio Lower Upper
130 100
95 98.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.053 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.007 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

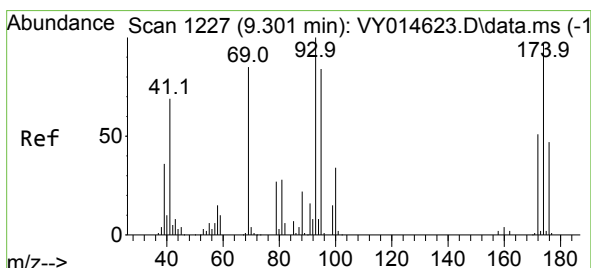
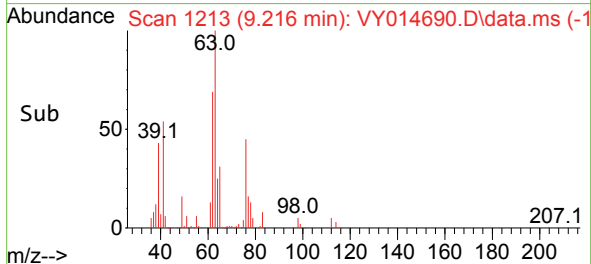
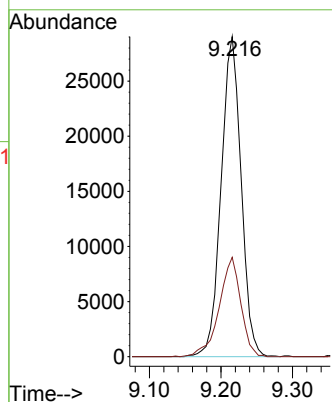
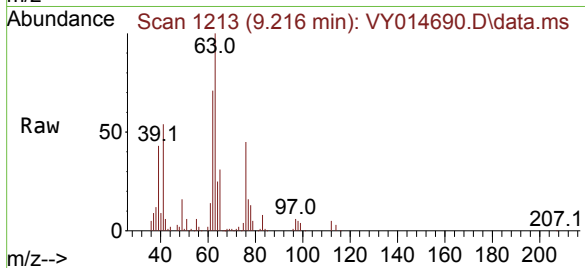
VY0718SBS01

Tgt Ion: 63 Resp: 56438

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 20.744 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

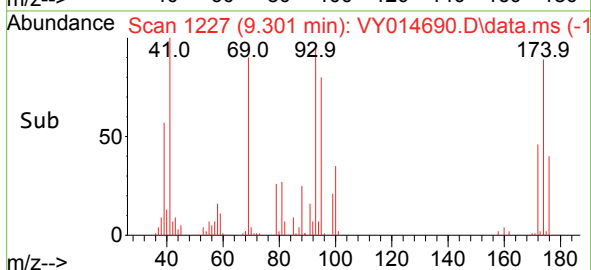
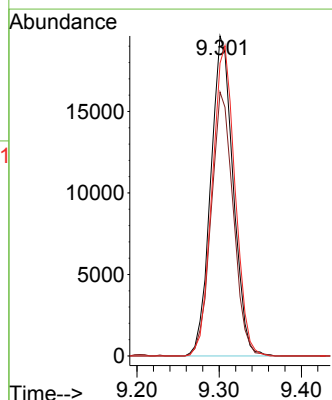
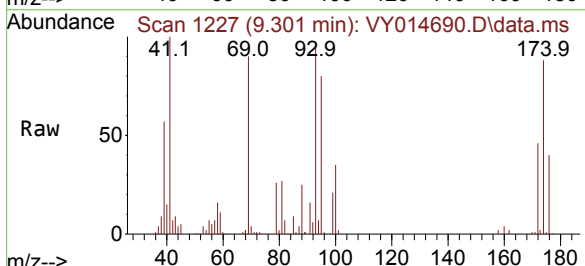
Tgt Ion: 93 Resp: 37277

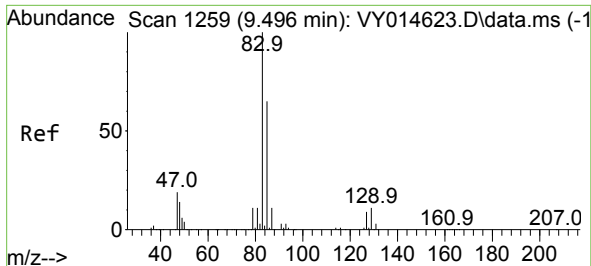
Ion Ratio Lower Upper

93 100

95 81.3 66.6 100.0

174 98.4 84.8 127.2

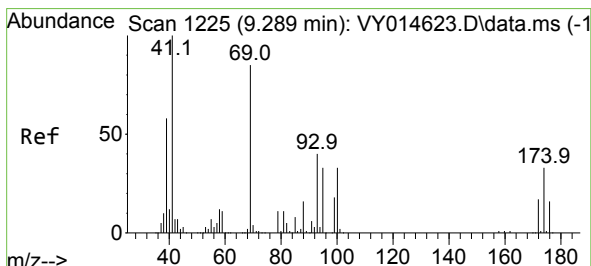
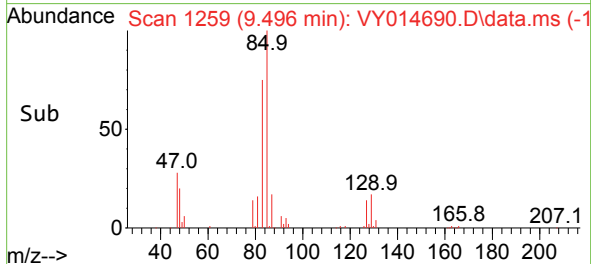
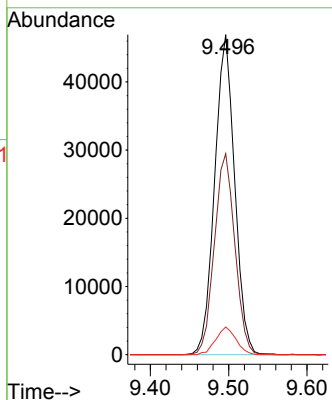
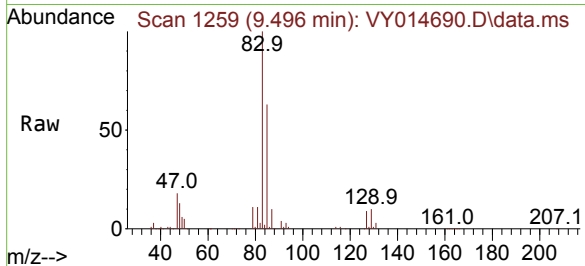




#47
Bromodichloromethane
Concen: 19.636 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

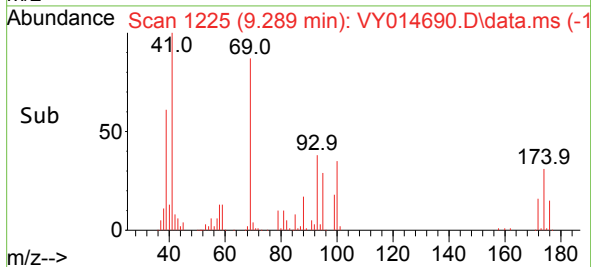
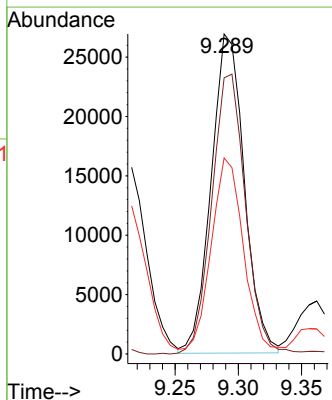
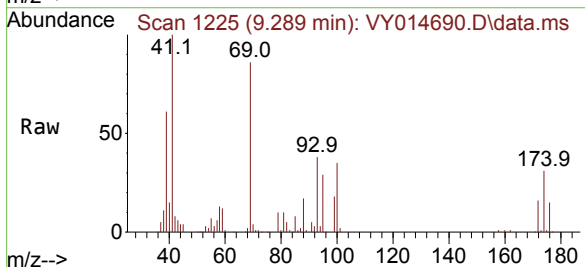
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

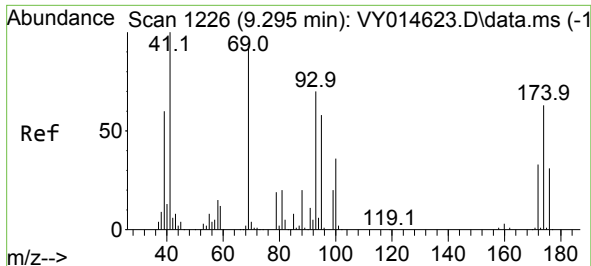
Tgt Ion: 83 Resp: 83162
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 20.801 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 41 Resp: 48962
Ion Ratio Lower Upper
41 100
69 89.1 64.5 96.7
39 57.7 50.8 76.2





#49

1,4-Dioxane

Concen: 464.930 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

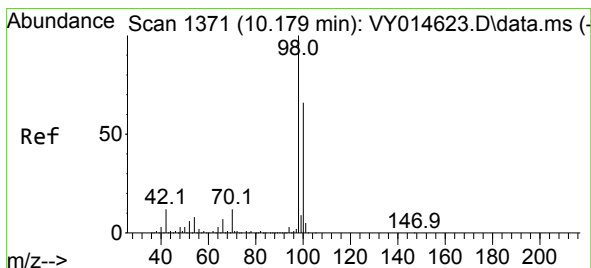
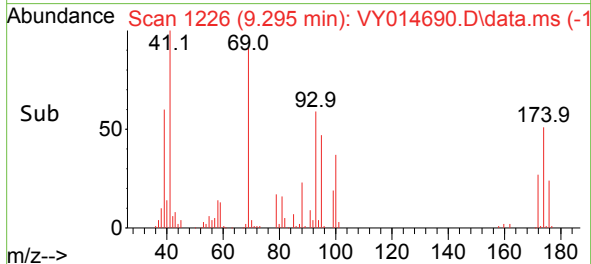
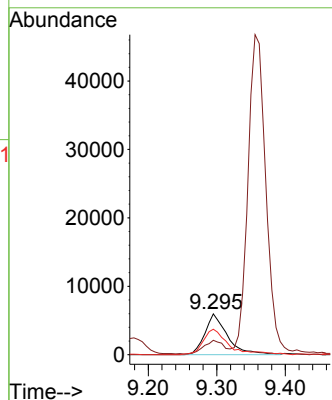
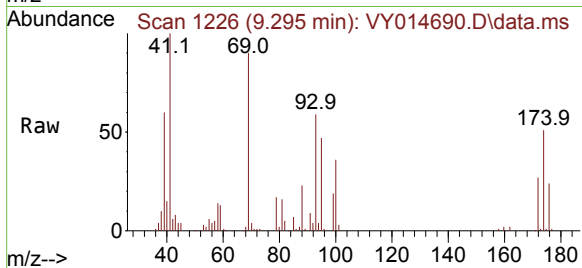
Tgt Ion: 88 Resp: 13623

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 70.2 30.9 46.3#



#50

Toluene-d8

Concen: 47.210 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014690.D

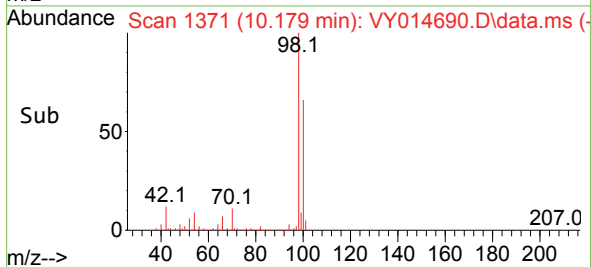
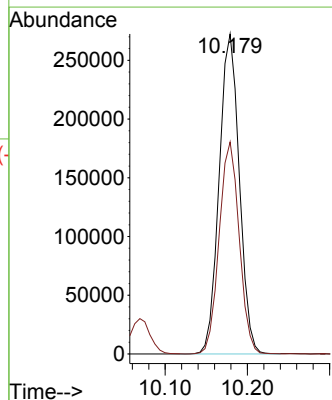
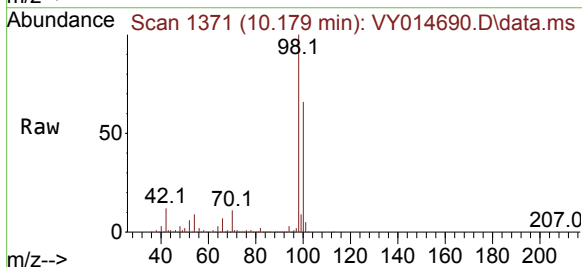
Acq: 18 Jul 2023 10:25

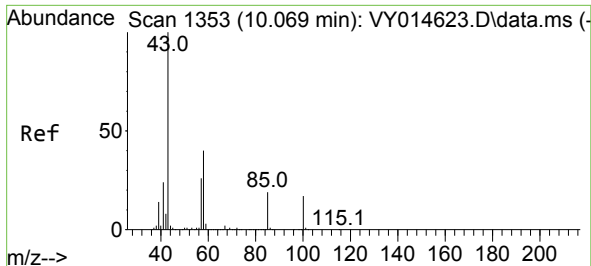
Tgt Ion: 98 Resp: 464223

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 108.710 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

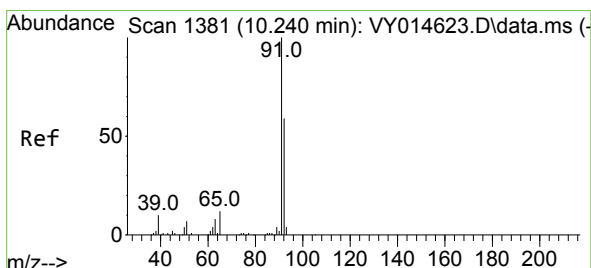
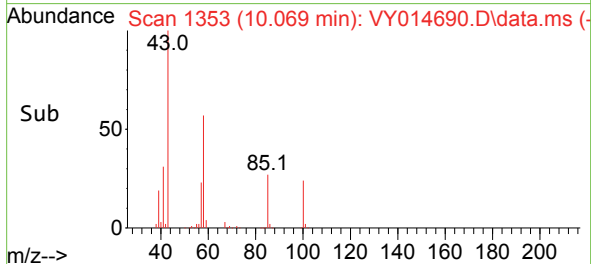
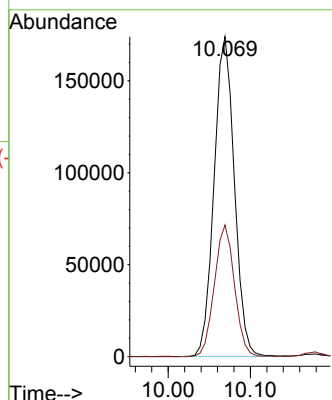
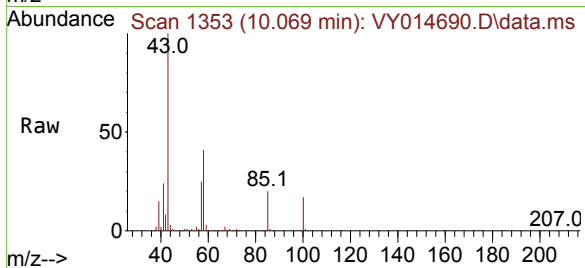
VY0718SBS01

Tgt Ion: 43 Resp: 298580

Ion Ratio Lower Upper

43 100

58 40.8 29.0 43.6



#52

Toluene

Concen: 19.659 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY014690.D

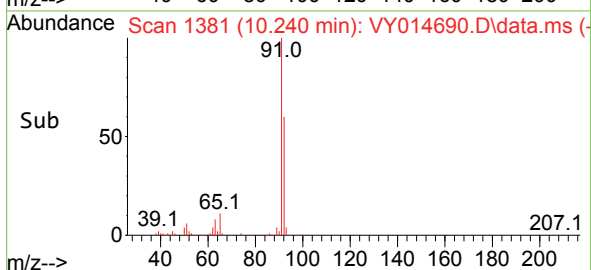
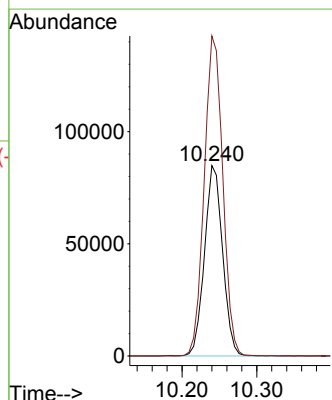
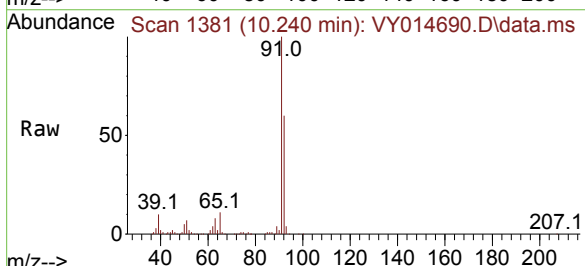
Acq: 18 Jul 2023 10:25

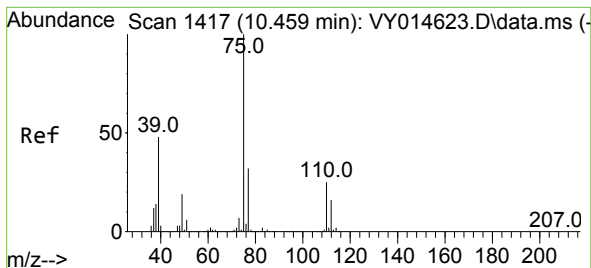
Tgt Ion: 92 Resp: 142704

Ion Ratio Lower Upper

92 100

91 172.3 143.8 215.6

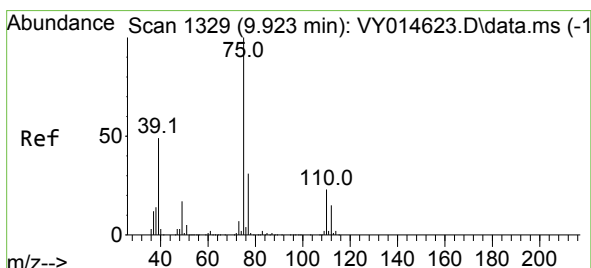
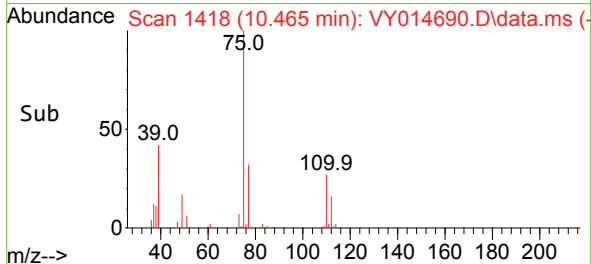
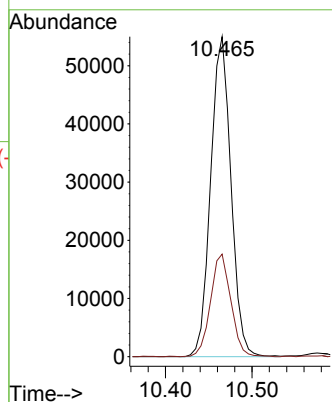
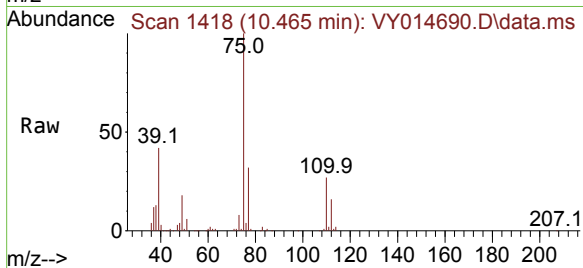




#53
 t-1,3-Dichloropropene
 Concen: 19.347 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY014690.D
 Acq: 18 Jul 2023 10:25

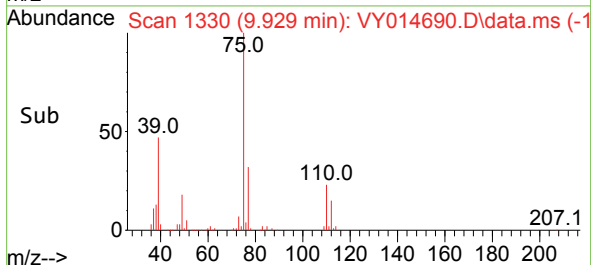
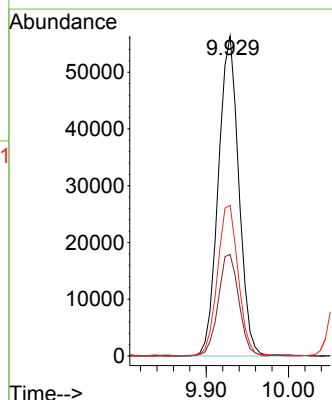
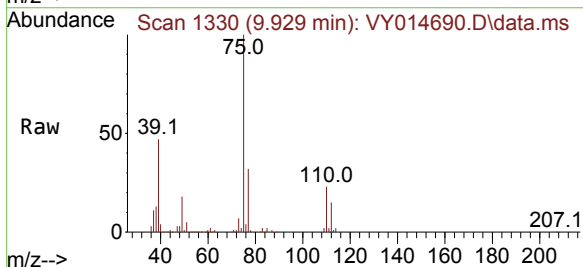
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

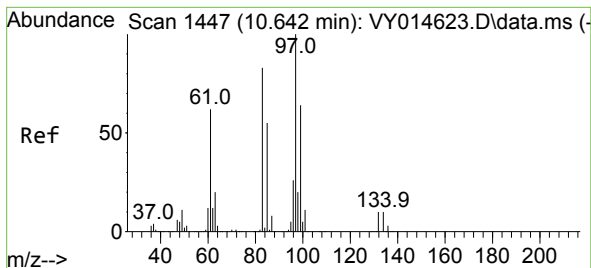
Tgt Ion: 75 Resp: 89631
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.300 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY014690.D
 Acq: 18 Jul 2023 10:25

Tgt Ion: 75 Resp: 97233
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 47.0 42.2 63.4

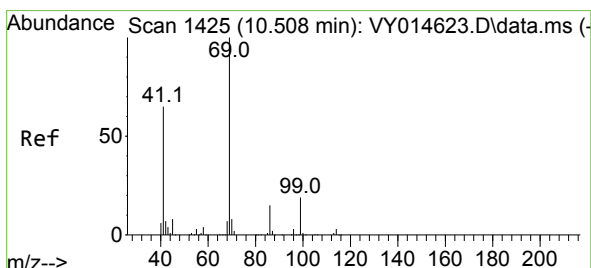
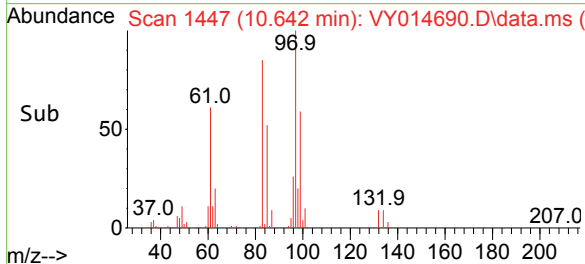
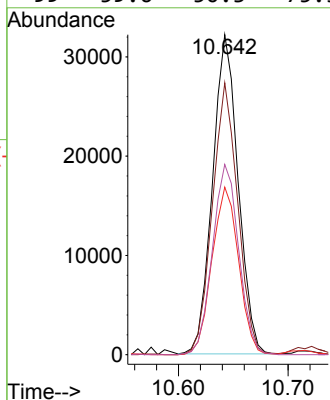
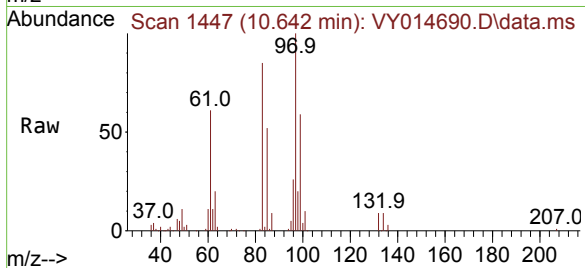




#55
1,1,2-Trichloroethane
Concen: 20.841 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

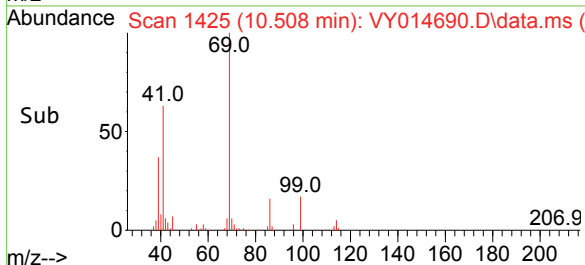
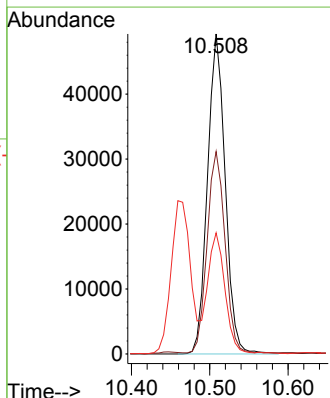
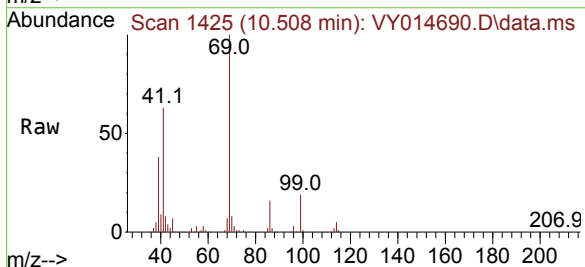
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

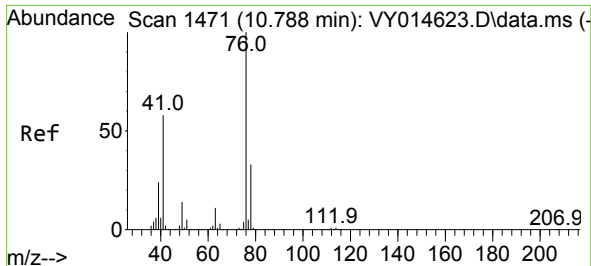
Tgt Ion:	97	Resp:	52167
Ion	Ratio	Lower	Upper
97	100		
83	85.2	72.0	108.0
85	52.5	45.4	68.0
99	59.6	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.260 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:	69	Resp:	77429
Ion	Ratio	Lower	Upper
69	100		
41	63.5	57.6	86.4
39	37.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.174 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

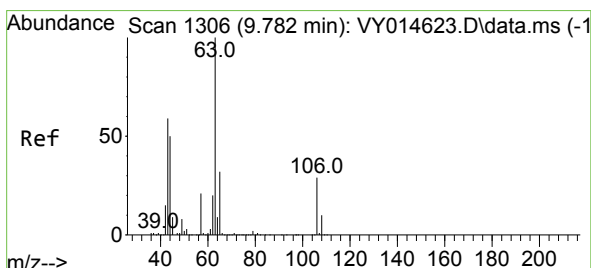
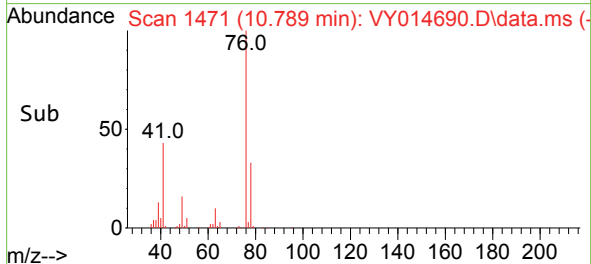
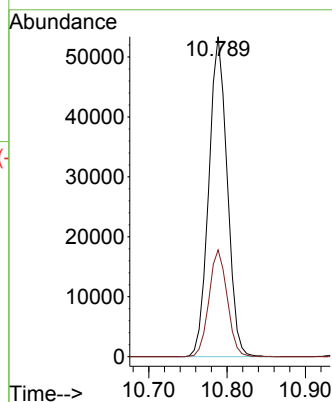
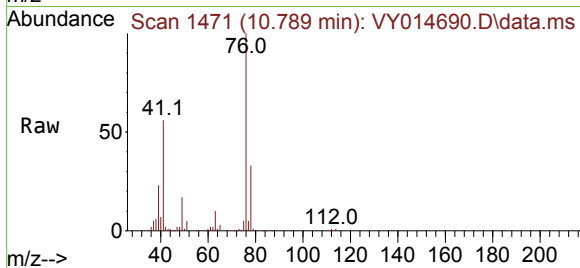
VY0718SBS01

Tgt Ion: 76 Resp: 87100

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 113.250 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014690.D

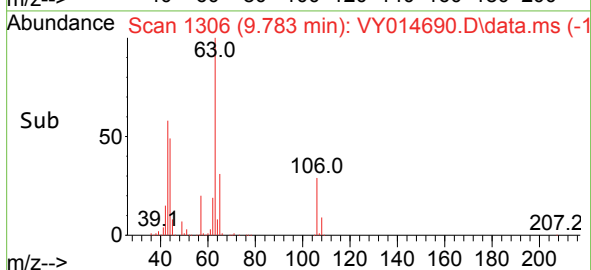
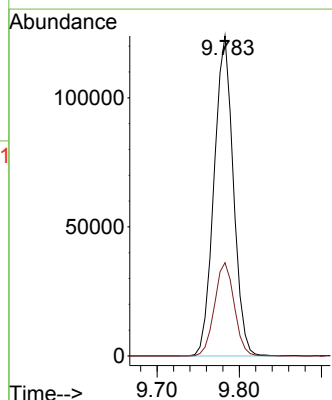
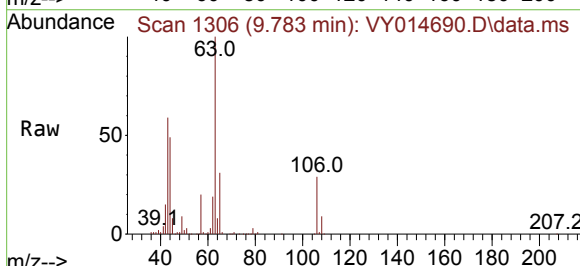
Acq: 18 Jul 2023 10:25

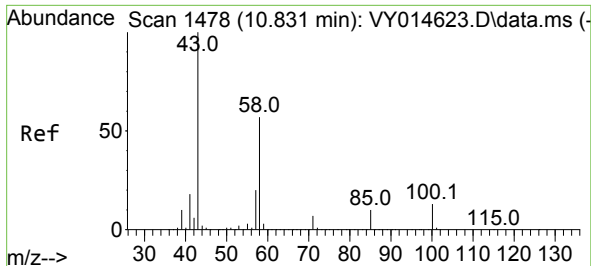
Tgt Ion: 63 Resp: 201672

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8

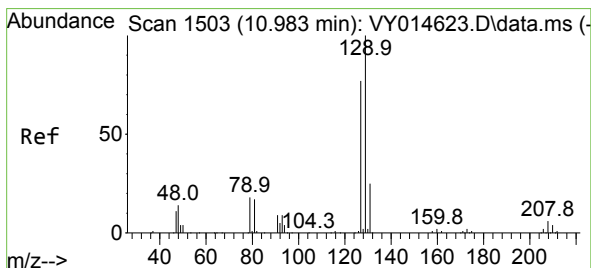
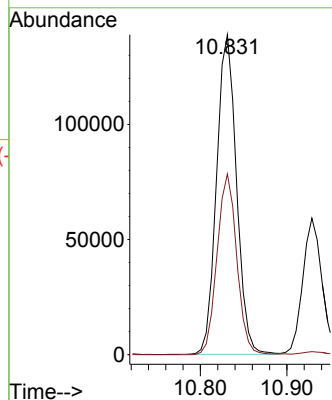
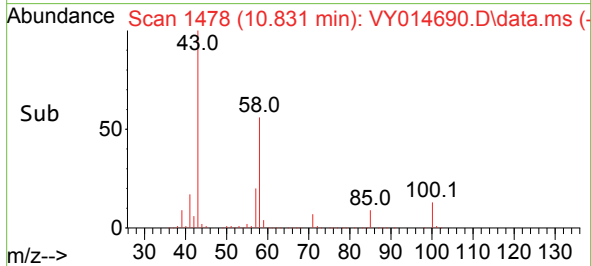
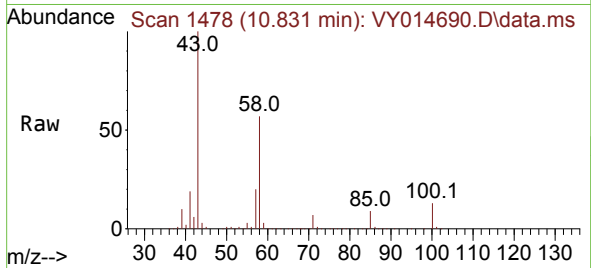




#59
2-Hexanone
Concen: 110.822 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

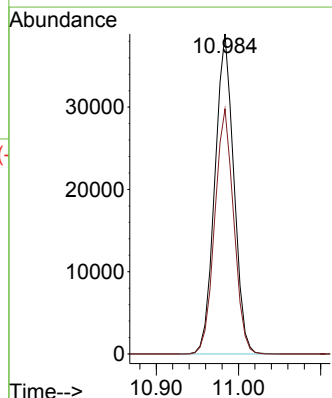
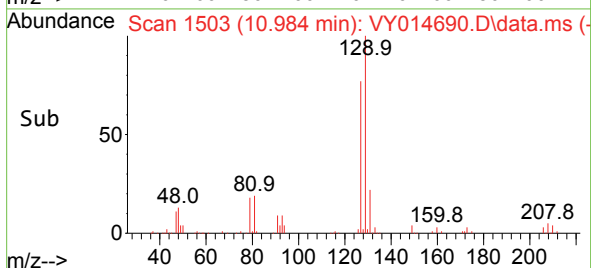
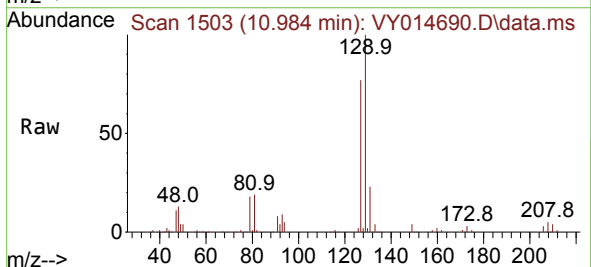
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

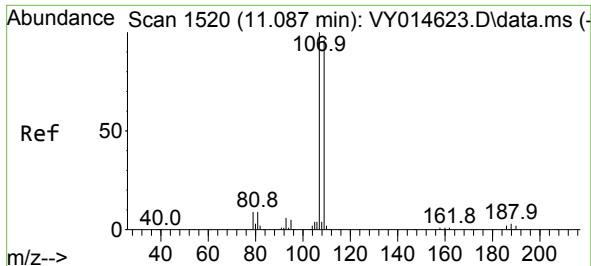
Tgt Ion: 43 Resp: 221972
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.276 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 129 Resp: 62228
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

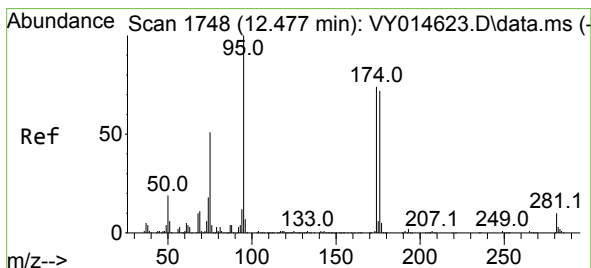
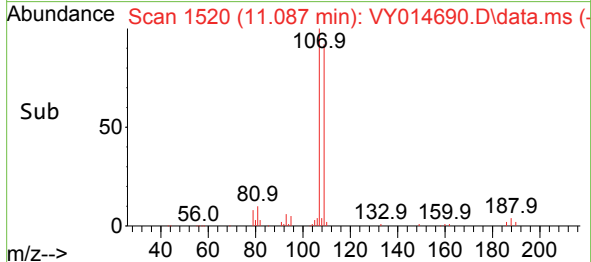
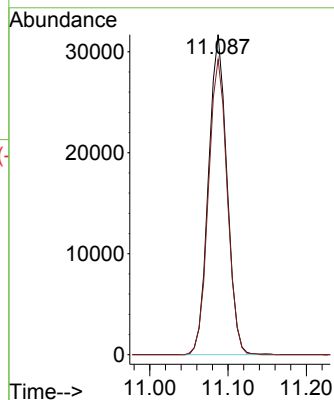
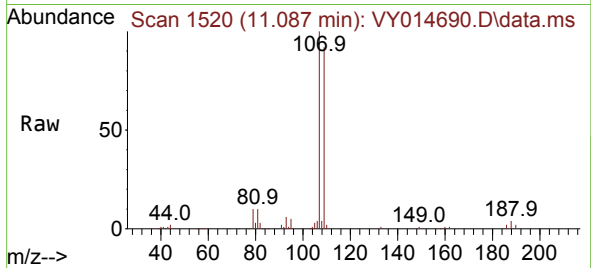




#61
1,2-Dibromoethane
Concen: 20.743 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

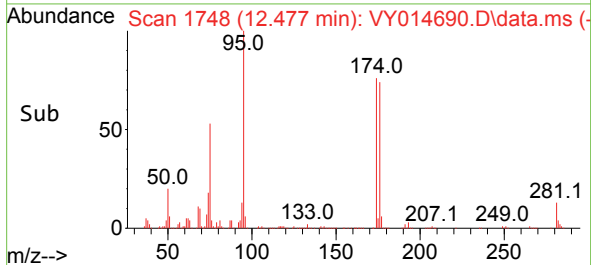
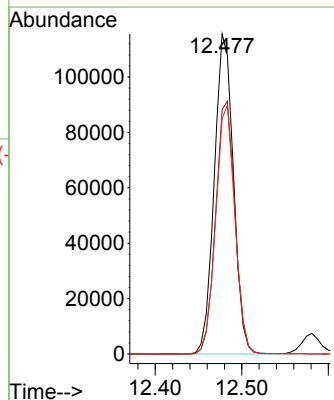
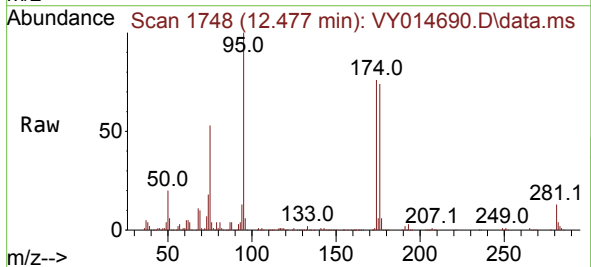
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

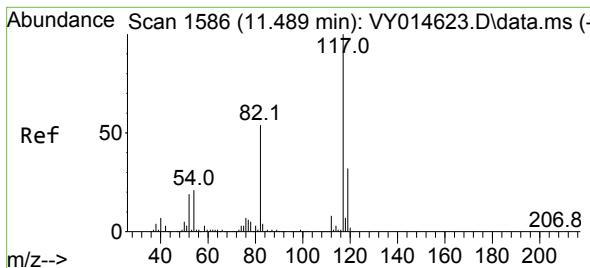
Tgt Ion:107 Resp: 51798
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.033 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 95 Resp: 177334
Ion Ratio Lower Upper
95 100
174 80.0 0.0 178.2
176 77.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

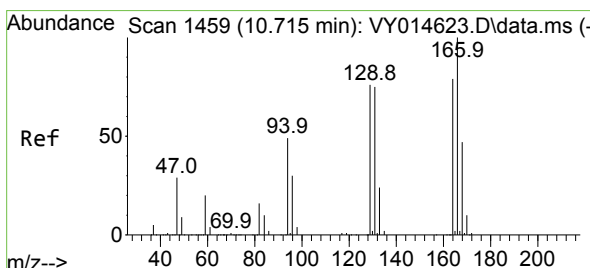
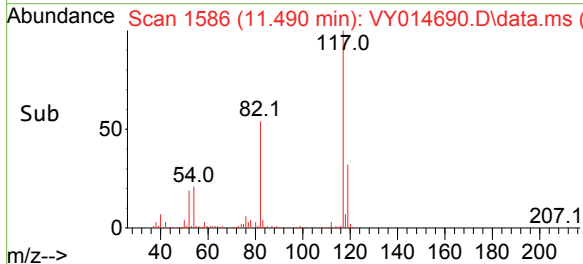
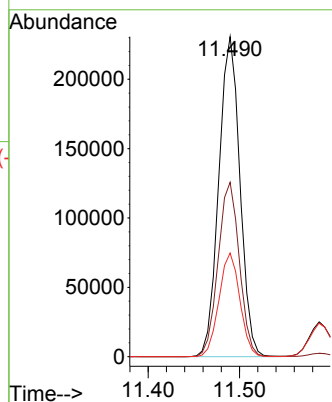
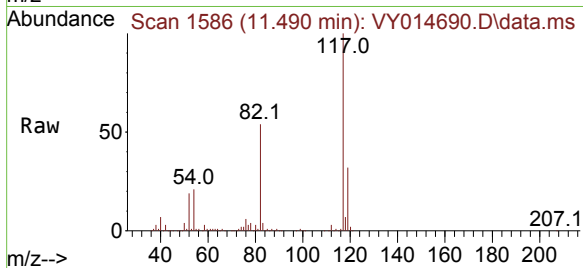
Tgt Ion:117 Resp: 370786

Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 20.841 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Tgt Ion:164 Resp: 62149

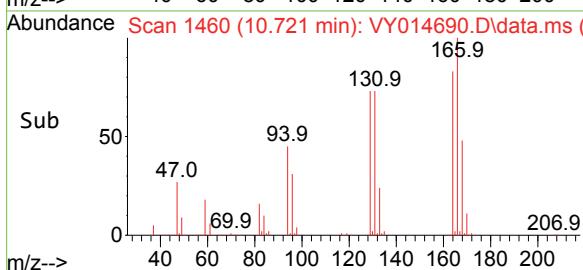
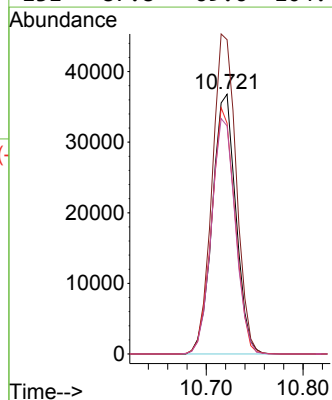
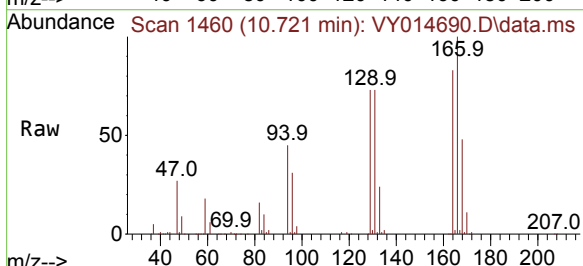
Ion Ratio Lower Upper

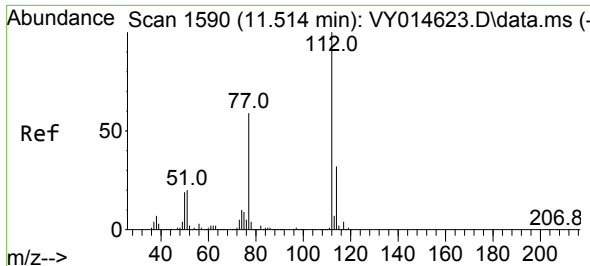
164 100

166 121.0 103.0 154.6

129 88.8 77.2 115.8

131 87.8 69.6 104.4

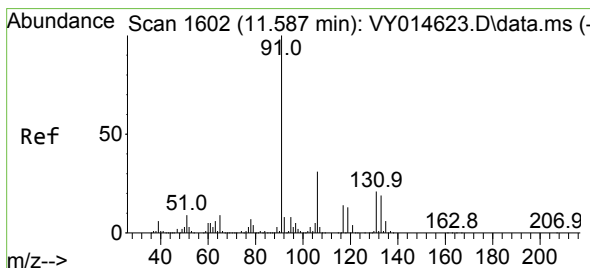
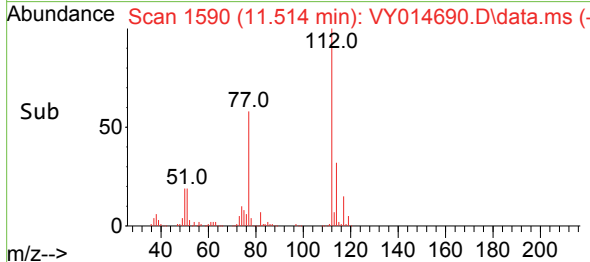
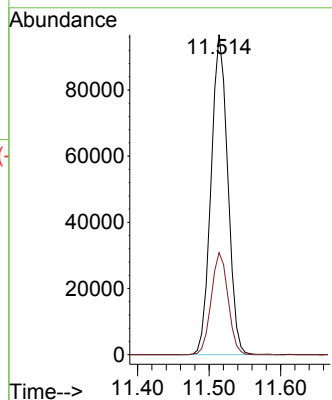
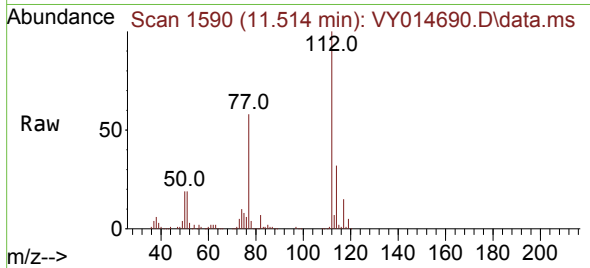




#65
Chlorobenzene
Concen: 19.813 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

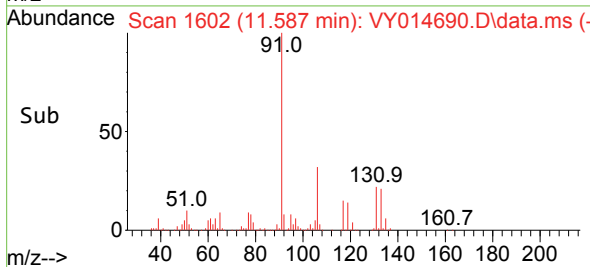
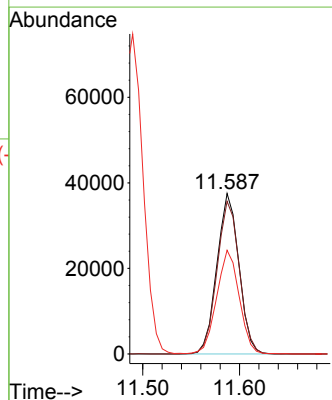
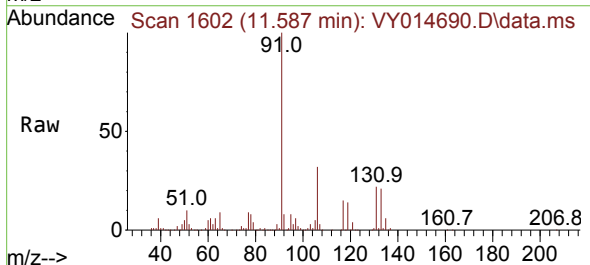
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

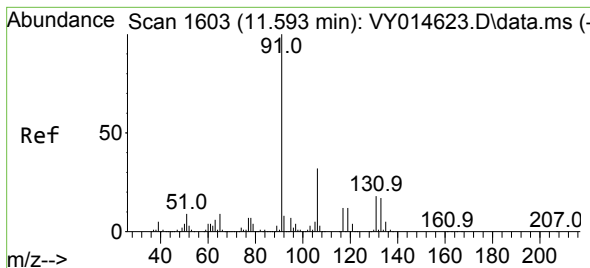
Tgt Ion:112 Resp: 156551
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.858 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:131 Resp: 59161
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 66.3 31.6 94.7





#67

Ethyl Benzene

Concen: 19.571 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

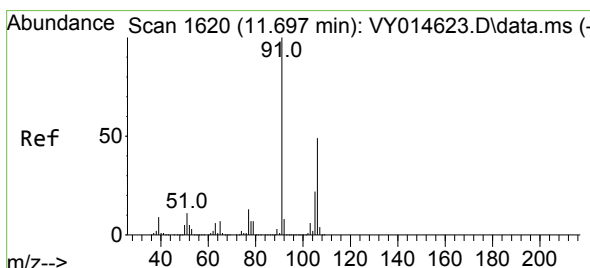
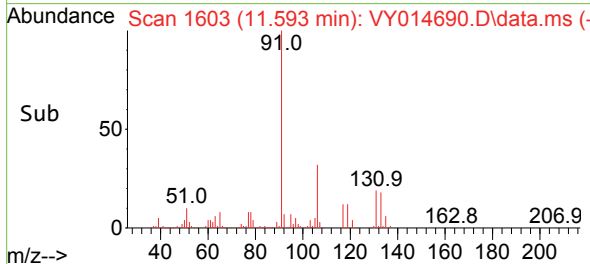
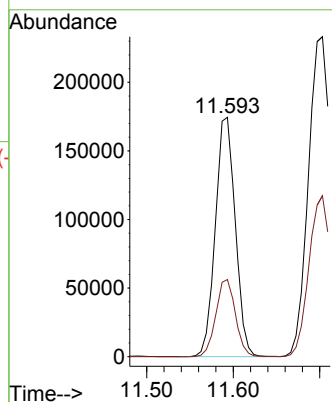
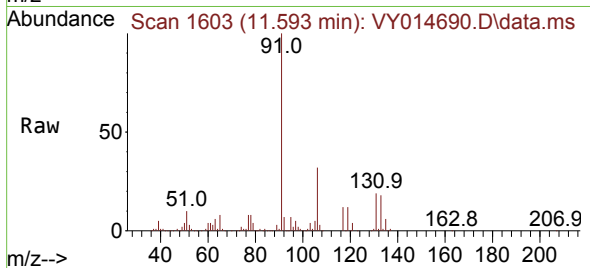
VY0718SBS01

Tgt Ion: 91 Resp: 279202

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.332 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY014690.D

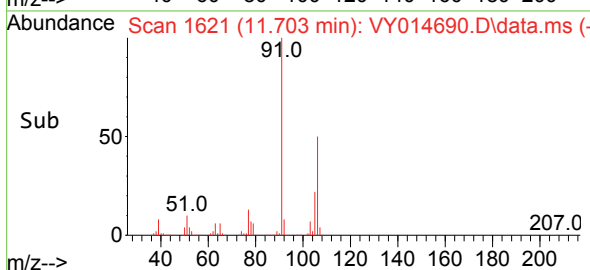
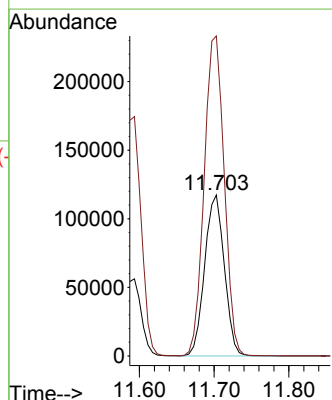
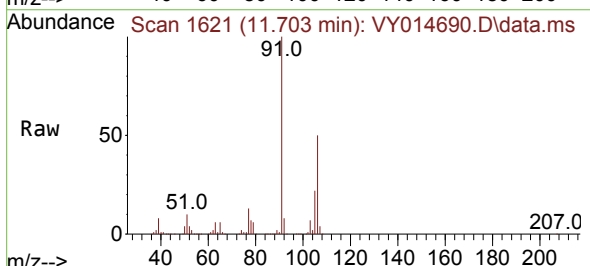
Acq: 18 Jul 2023 10:25

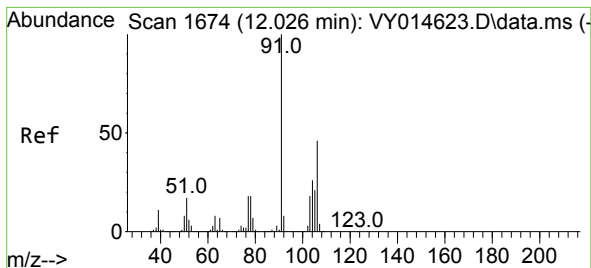
Tgt Ion:106 Resp: 214191

Ion Ratio Lower Upper

106 100

91 202.7 166.1 249.1

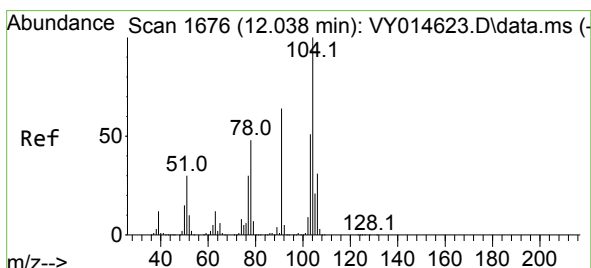
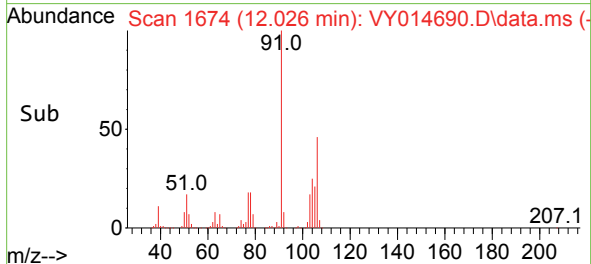
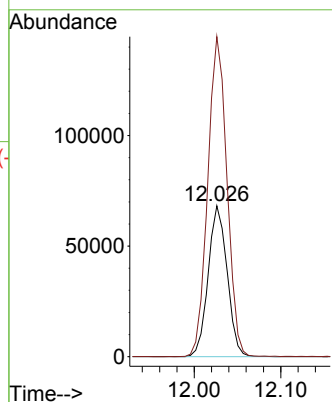
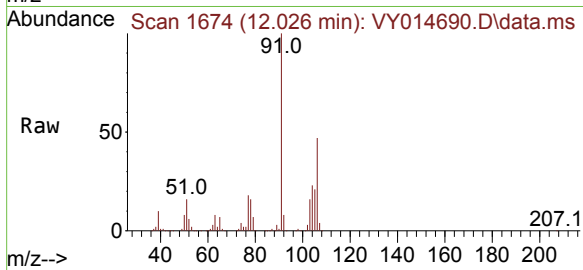




#69
o-Xylene
Concen: 19.553 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

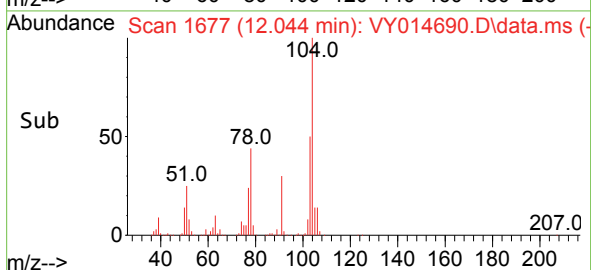
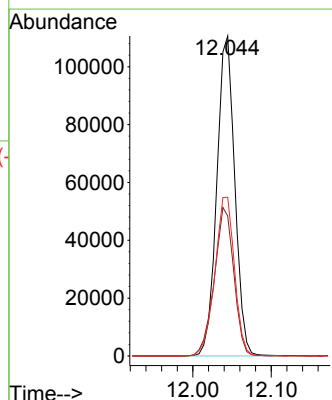
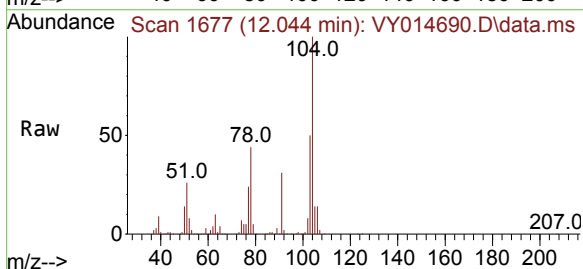
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

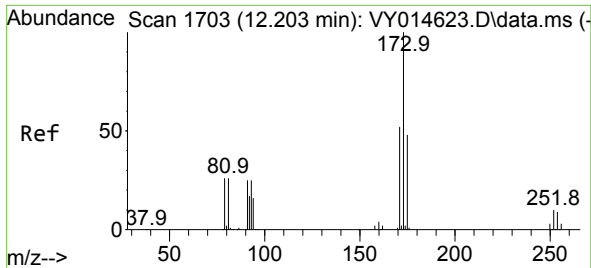
Tgt Ion:106 Resp: 103711
Ion Ratio Lower Upper
106 100
91 215.3 108.1 324.3



#70
Styrene
Concen: 19.753 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:104 Resp: 176588
Ion Ratio Lower Upper
104 100
78 50.4 41.5 62.3
103 54.3 44.6 67.0

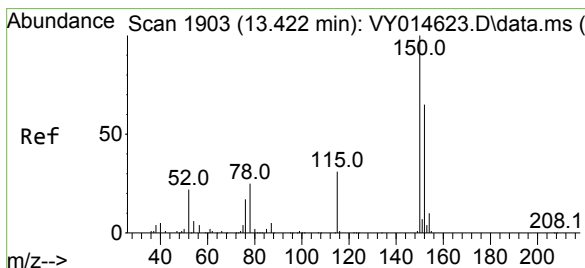
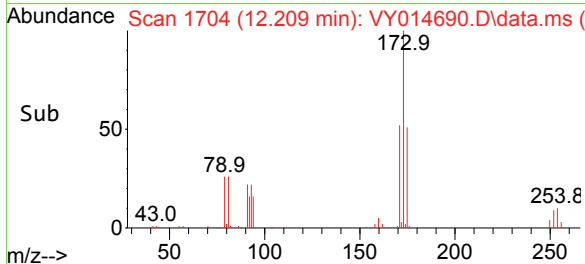
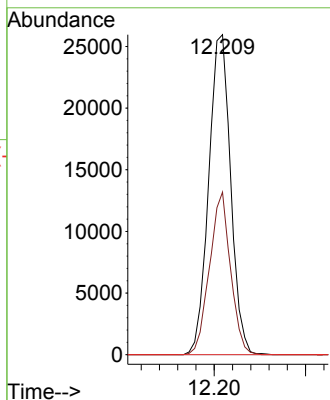
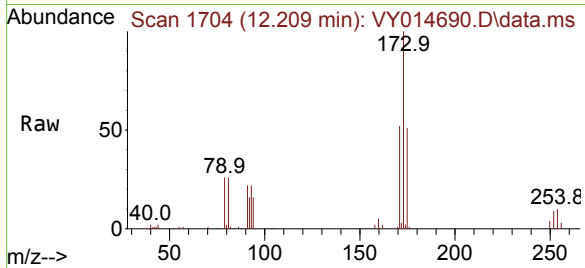




#71
Bromoform
Concen: 21.412 ug/l
RT: 12.209 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

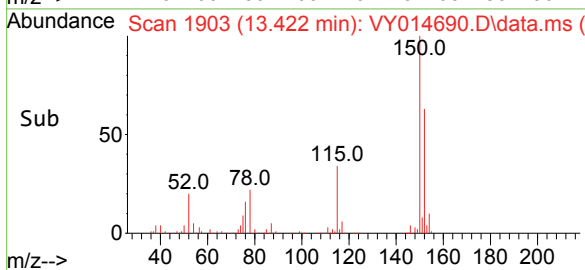
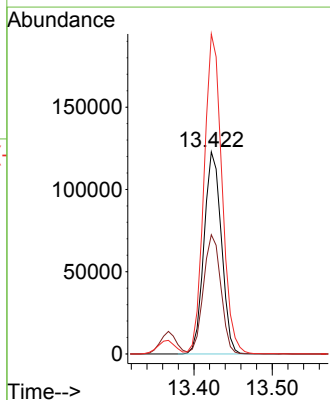
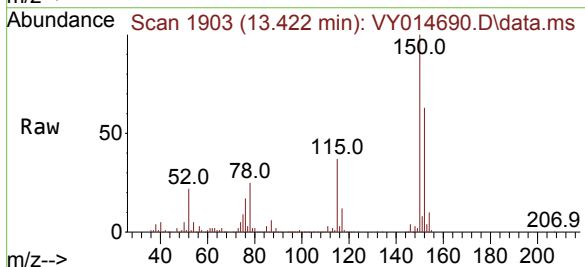
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

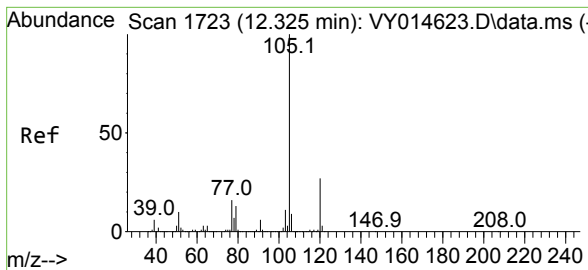
Tgt Ion:173 Resp: 43238
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:152 Resp: 188907
Ion Ratio Lower Upper
152 100
115 59.1 28.8 86.5
150 163.4 0.0 348.8





#73

Isopropylbenzene

Concen: 19.048 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

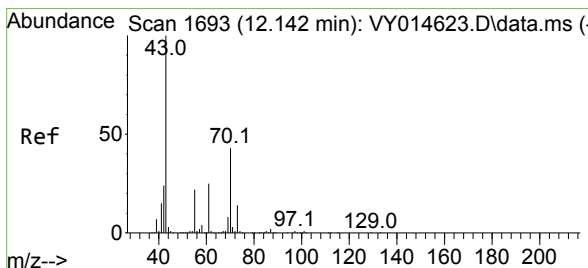
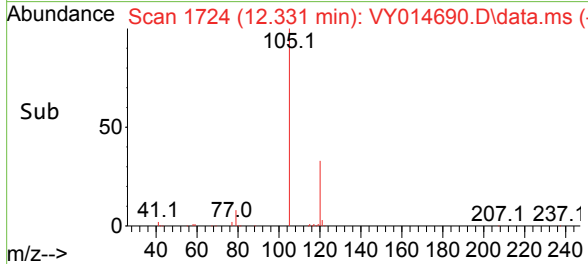
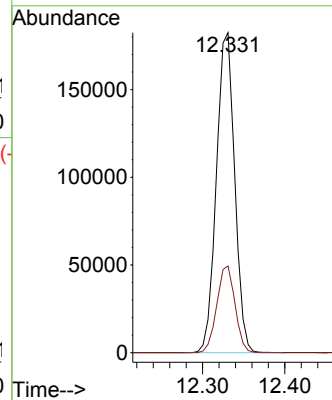
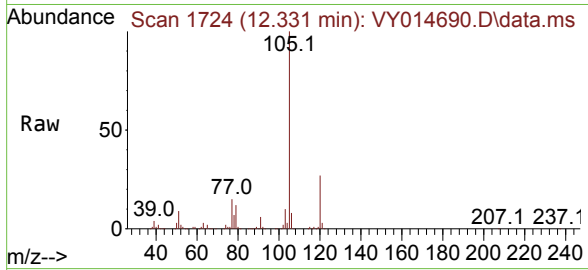
VY0718SBS01

Tgt Ion:105 Resp: 281743

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.553 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Tgt Ion: 43 Resp: 96866

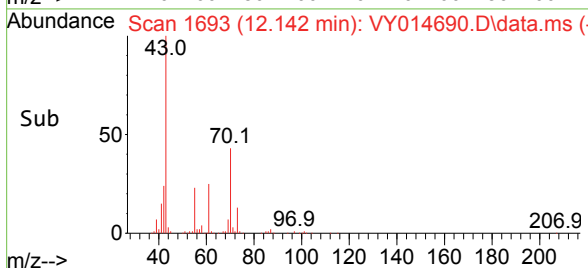
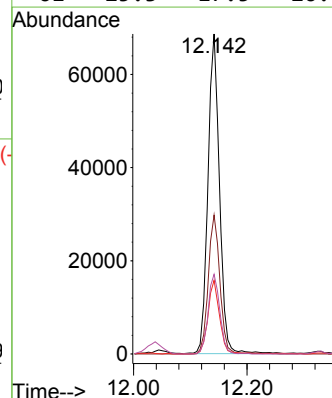
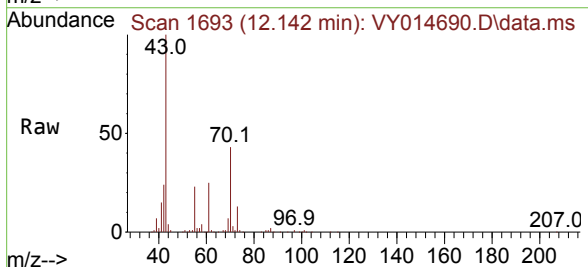
Ion Ratio Lower Upper

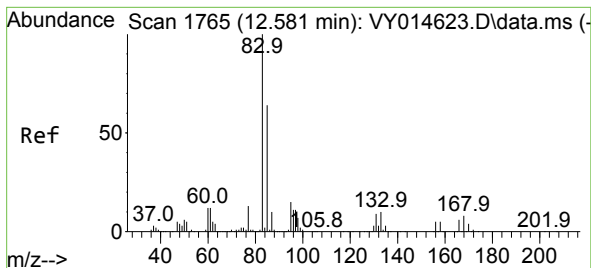
43 100

70 43.6 29.7 44.5

55 23.2 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.367 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

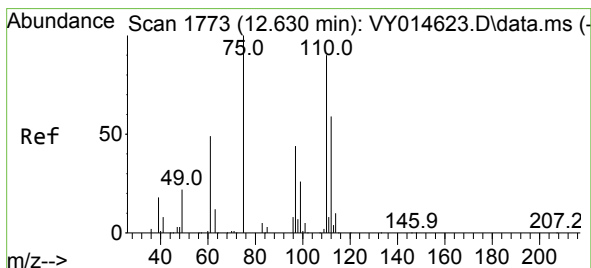
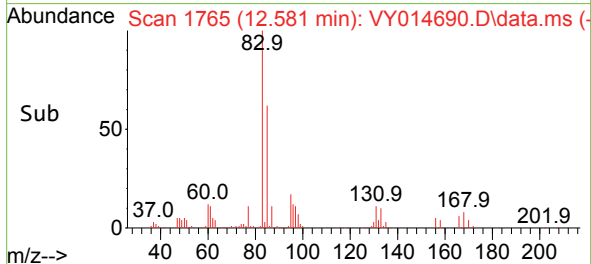
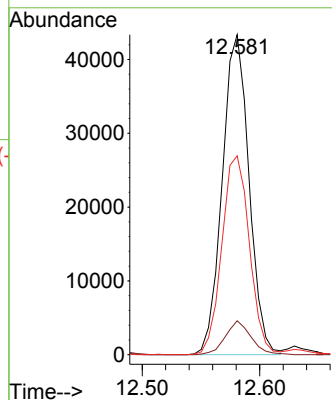
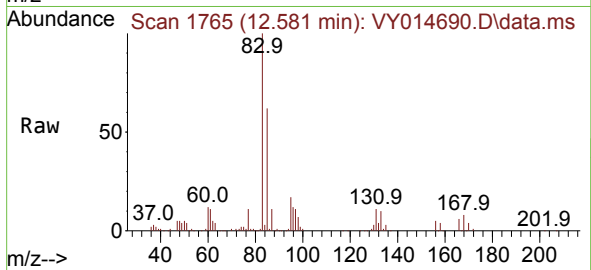
Tgt Ion: 83 Resp: 68699

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.043 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY014690.D

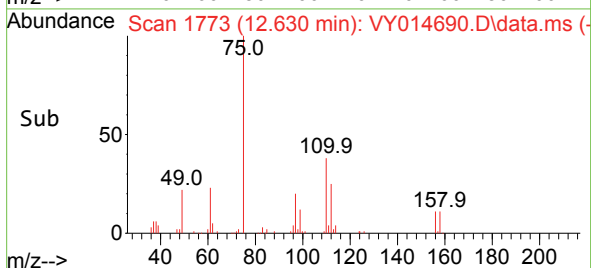
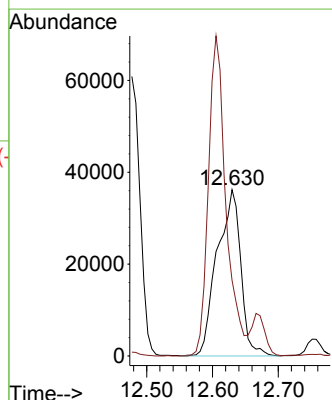
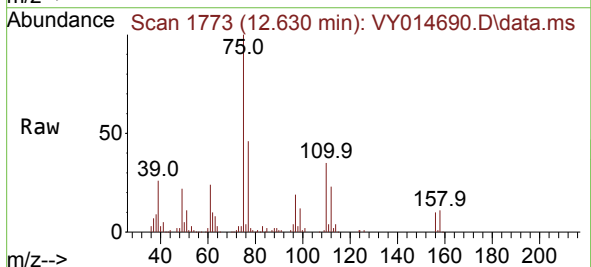
Acq: 18 Jul 2023 10:25

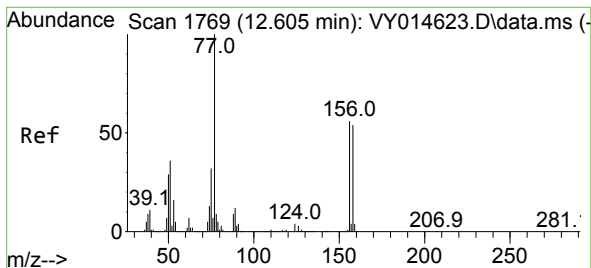
Tgt Ion: 75 Resp: 90764

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.521 ug/l

RT: 12.605 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

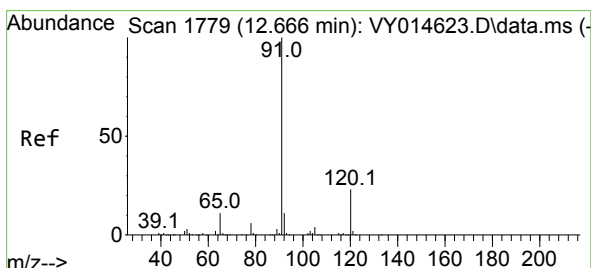
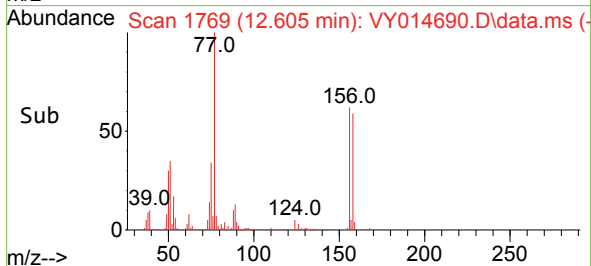
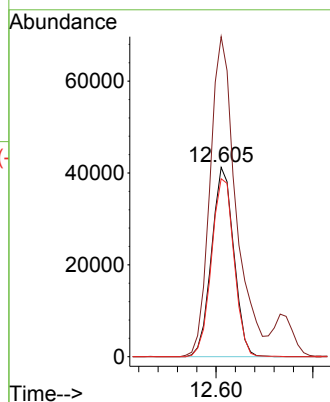
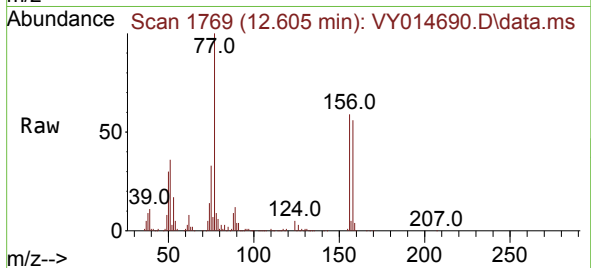
Tgt Ion:156 Resp: 65910

Ion Ratio Lower Upper

156 100

77 195.9 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 18.922 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014690.D

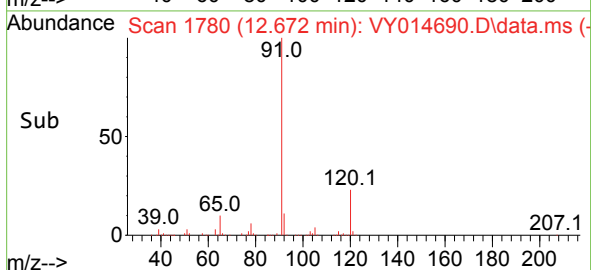
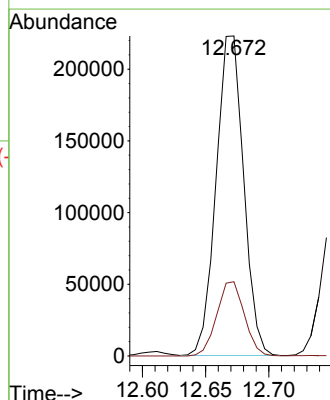
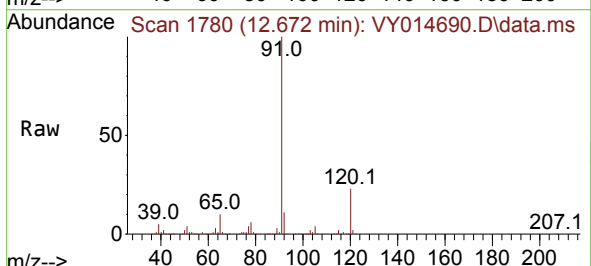
Acq: 18 Jul 2023 10:25

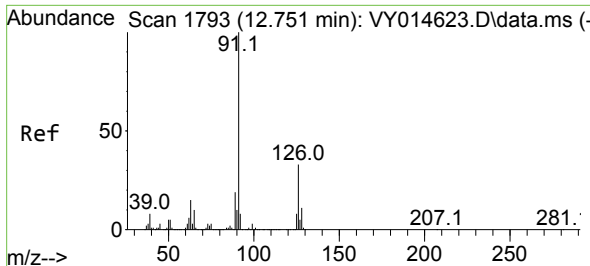
Tgt Ion: 91 Resp: 337266

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

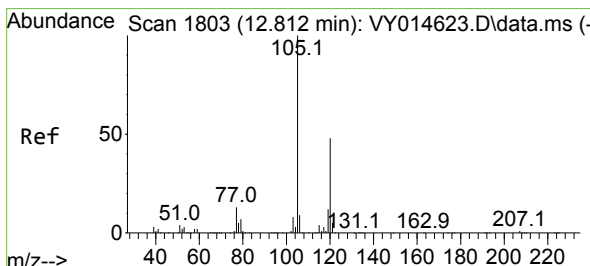
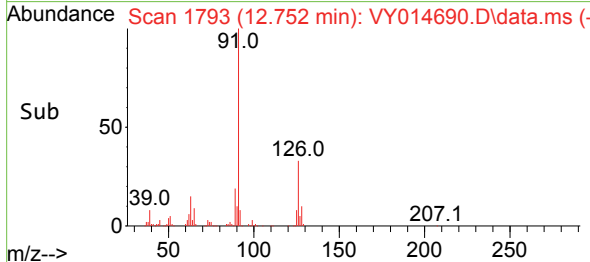
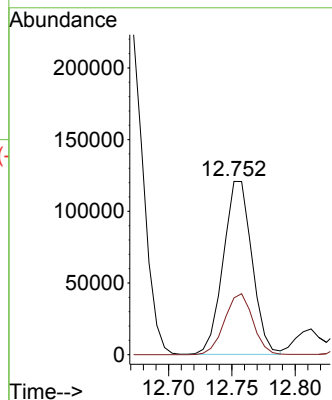
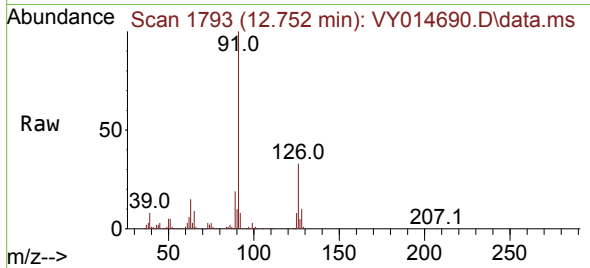




#79
2-Chlorotoluene
Concen: 18.649 ug/l
RT: 12.752 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

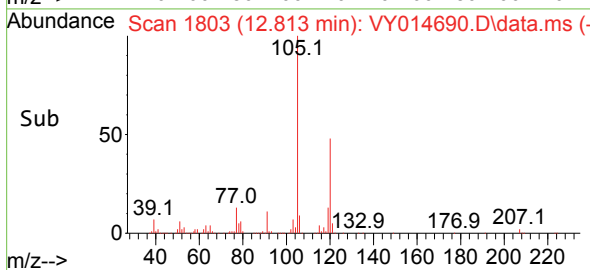
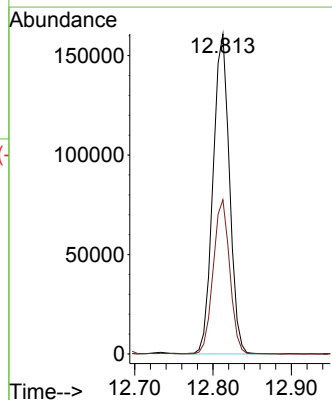
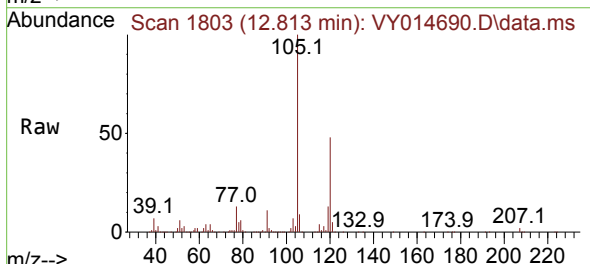
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

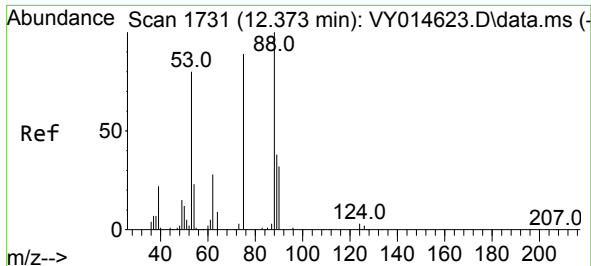
Tgt Ion: 91 Resp: 191454
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 18.972 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 105 Resp: 234356
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

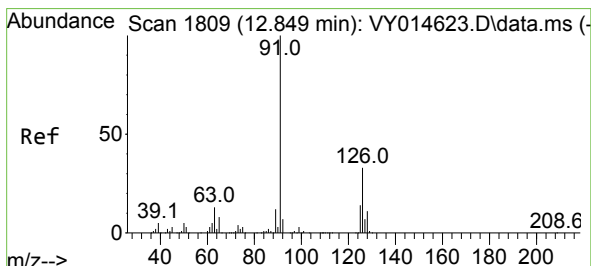
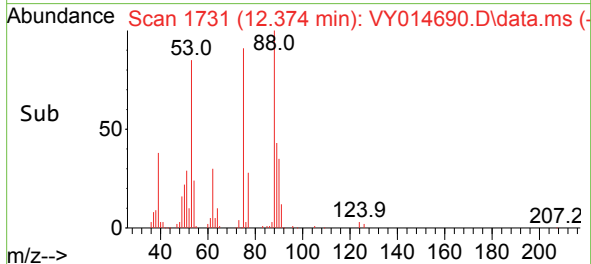
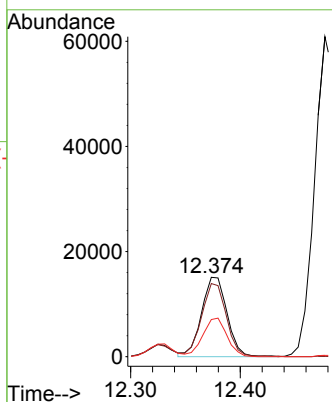
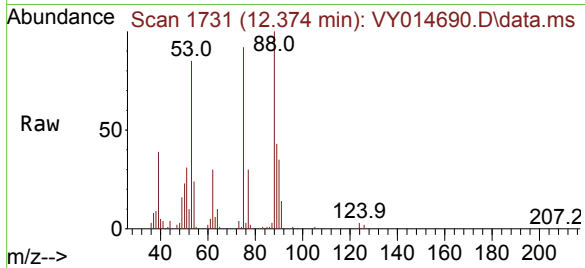




#81
trans-1,4-Dichloro-2-butene
Concen: 19.845 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

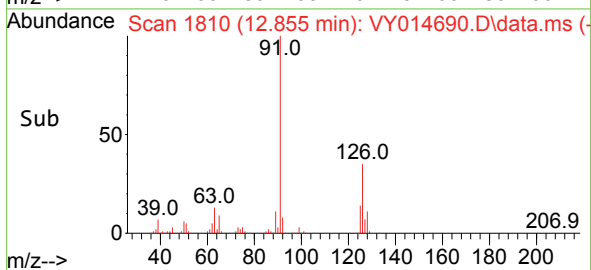
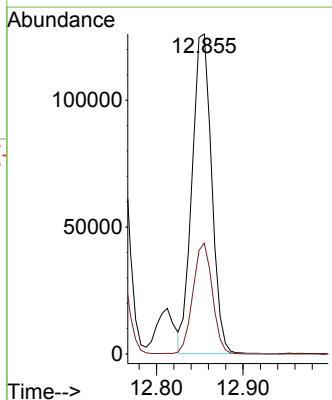
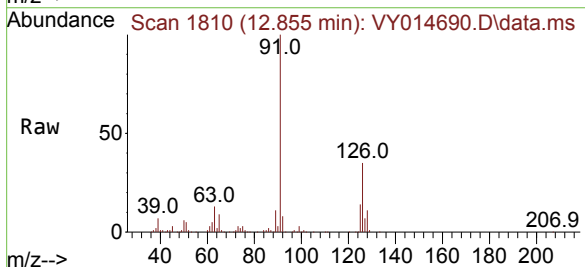
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

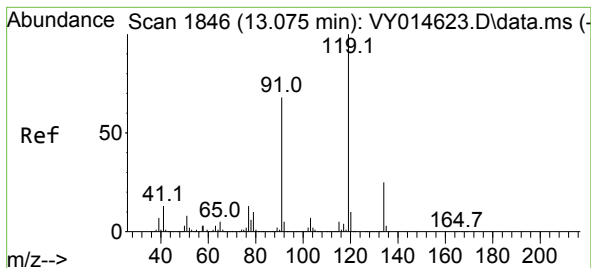
Tgt Ion: 75 Resp: 24454
Ion Ratio Lower Upper
75 100
53 89.3 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.721 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 91 Resp: 197946
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.058 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

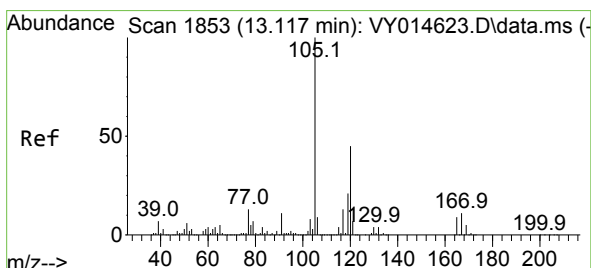
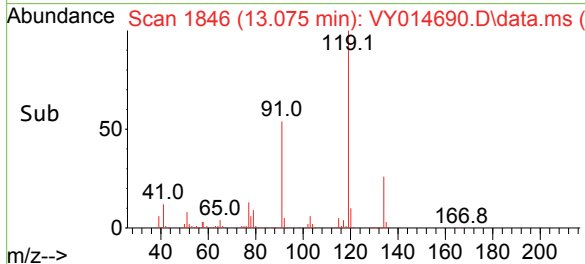
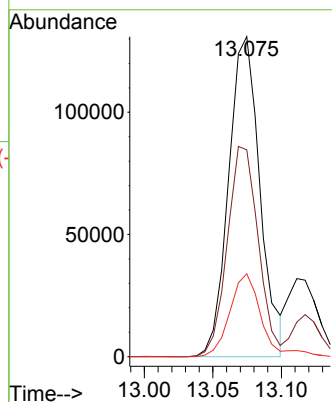
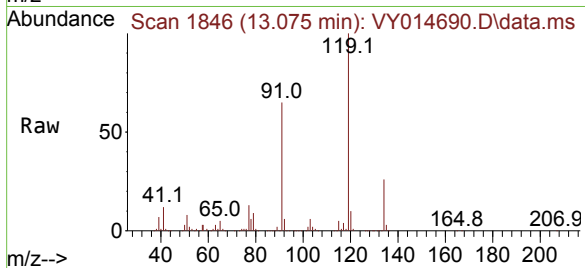
Tgt Ion:119 Resp: 208841

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.040 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY014690.D

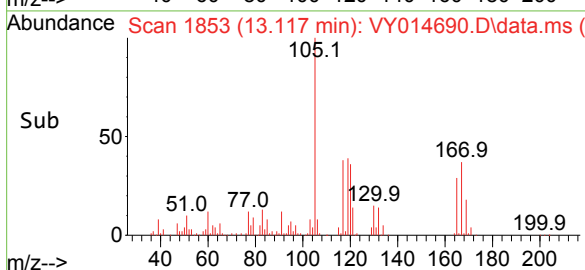
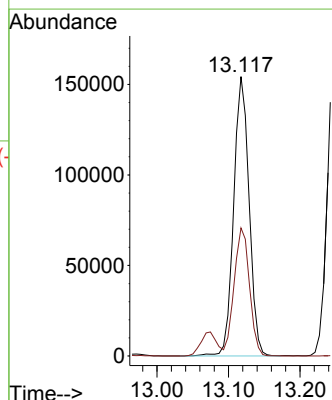
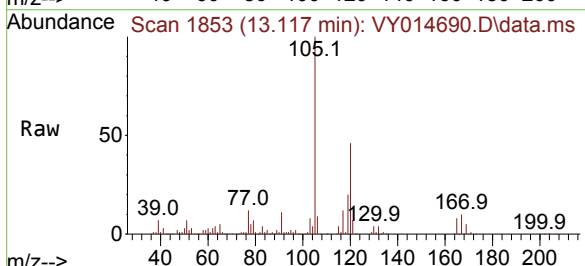
Acq: 18 Jul 2023 10:25

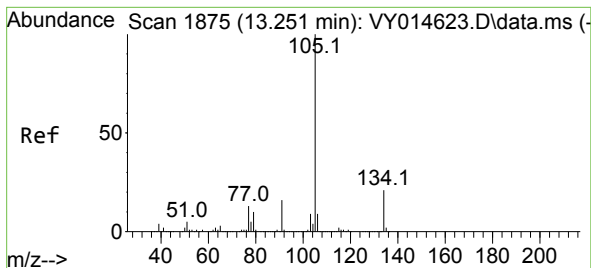
Tgt Ion:105 Resp: 230818

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.238 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

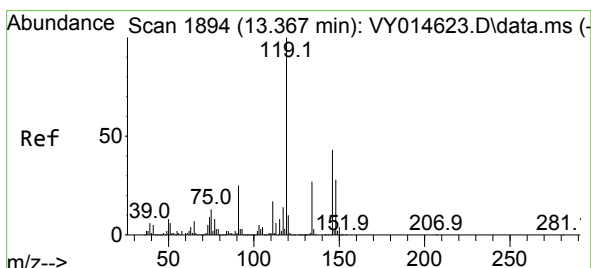
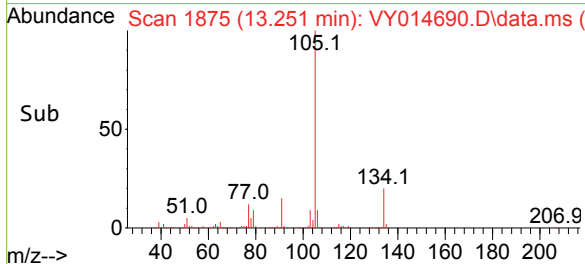
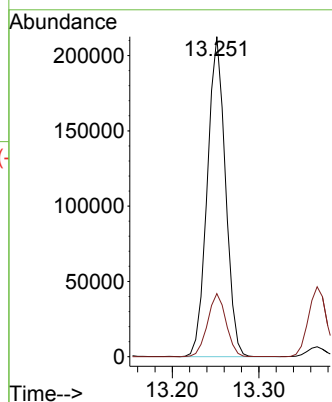
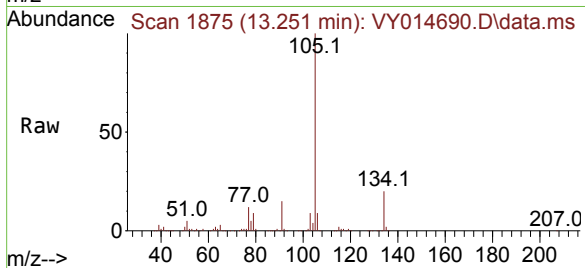
VY0718SBS01

Tgt Ion:105 Resp: 309251

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.364 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

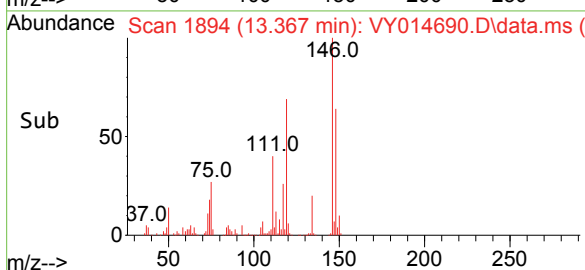
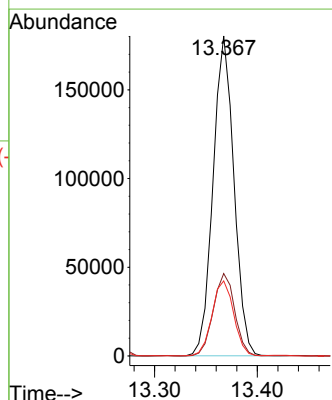
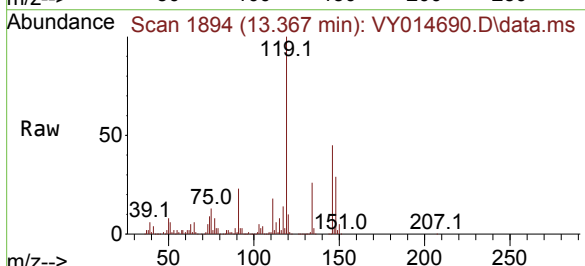
Tgt Ion:119 Resp: 254145

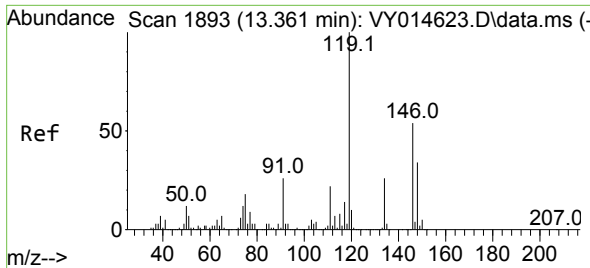
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.3 12.4 37.4

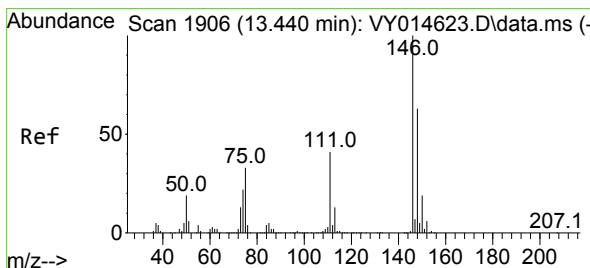
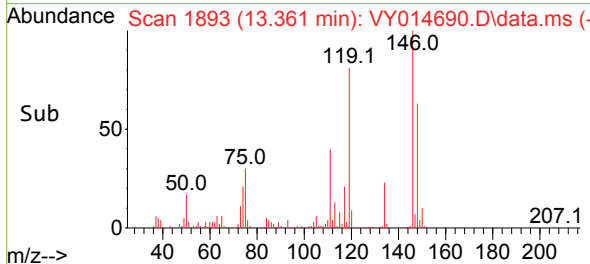
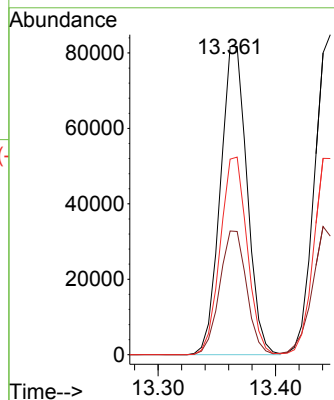
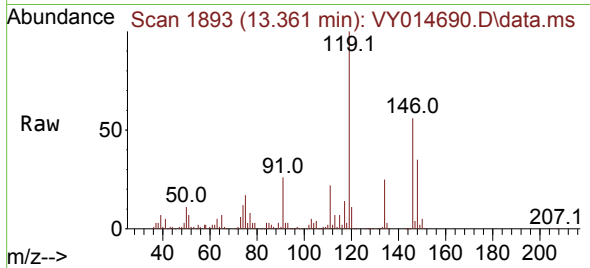




#87
1,3-Dichlorobenzene
Concen: 19.662 ug/l
RT: 13.361 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

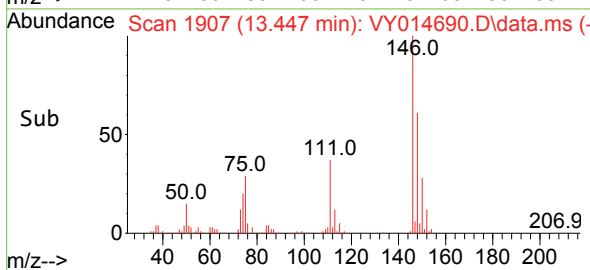
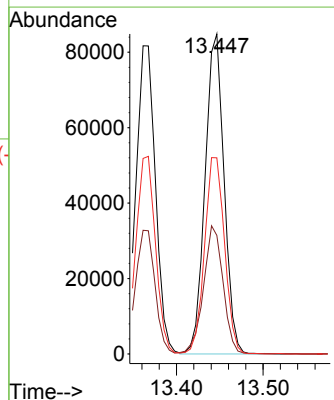
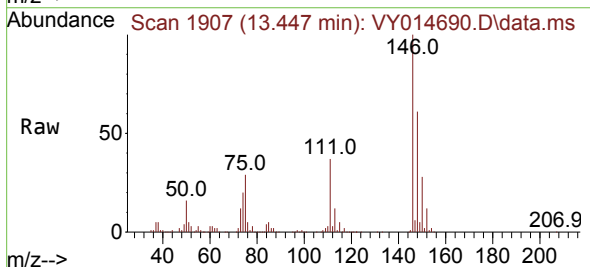
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

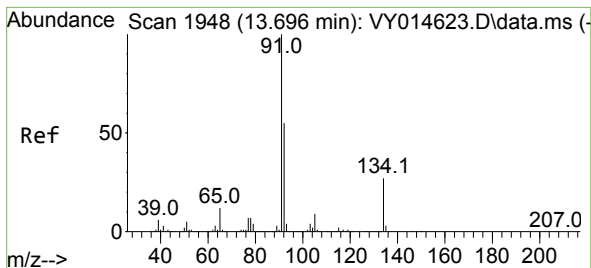
Tgt Ion:146 Resp: 129205
Ion Ratio Lower Upper
146 100
111 40.3 19.4 58.2
148 64.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.644 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion:146 Resp: 129354
Ion Ratio Lower Upper
146 100
111 41.5 18.9 56.7
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.143 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

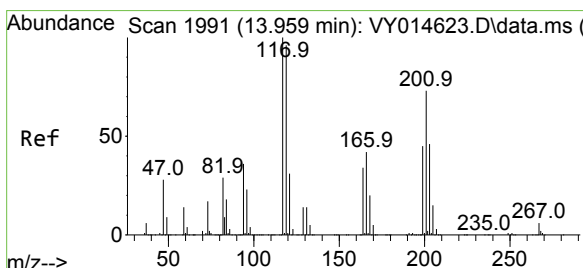
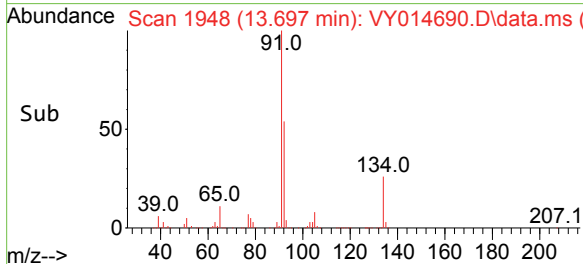
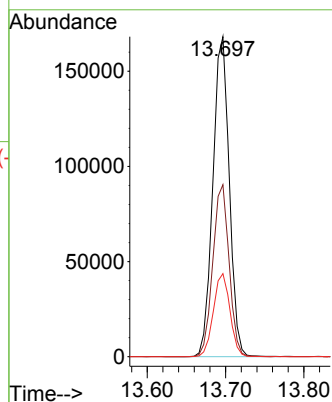
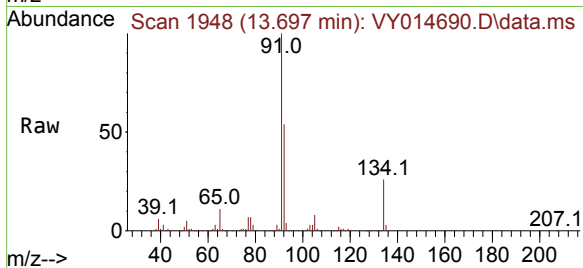
Tgt Ion: 91 Resp: 244437

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 18.586 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY014690.D

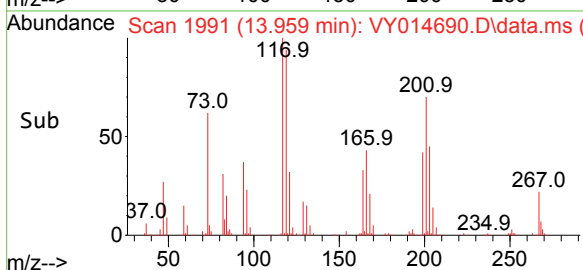
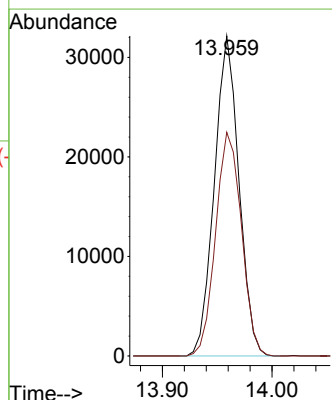
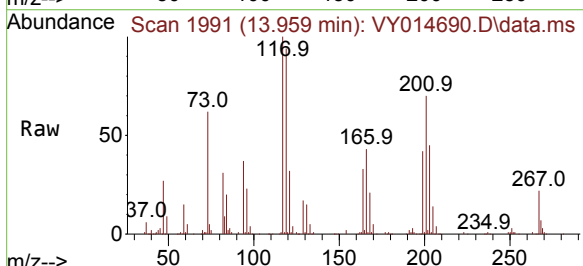
Acq: 18 Jul 2023 10:25

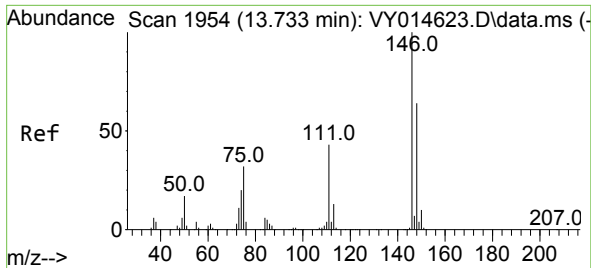
Tgt Ion: 117 Resp: 50104

Ion Ratio Lower Upper

117 100

201 73.4 41.6 124.8

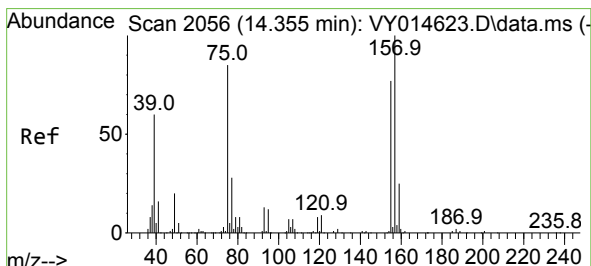
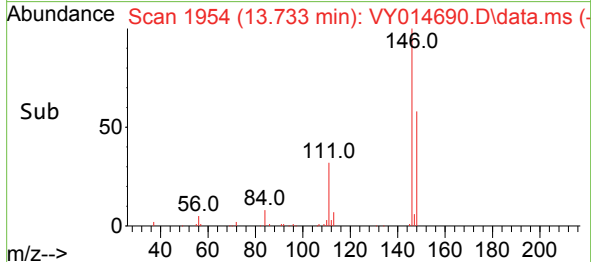
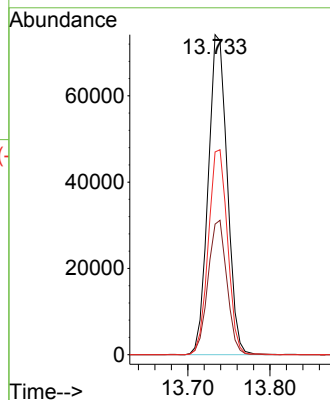
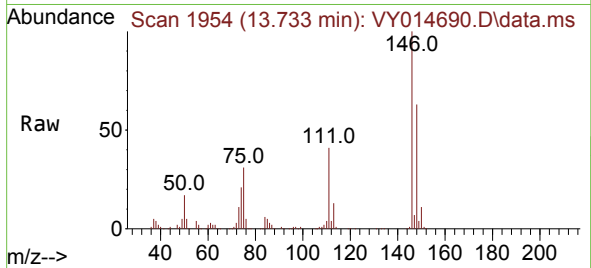




#91
1,2-Dichlorobenzene
Concen: 19.760 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

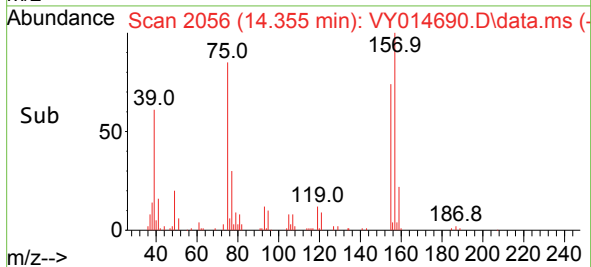
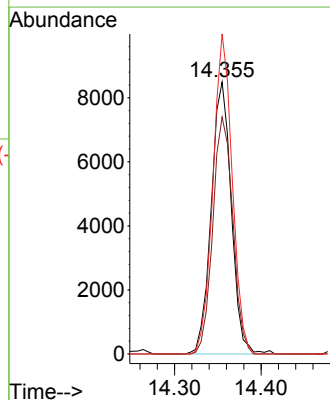
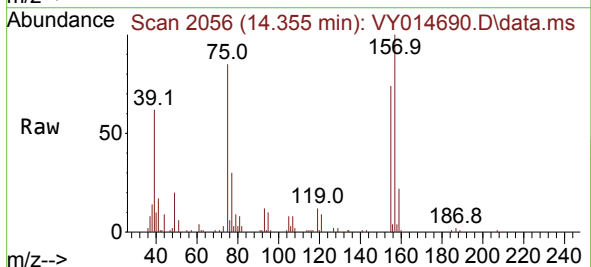
Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

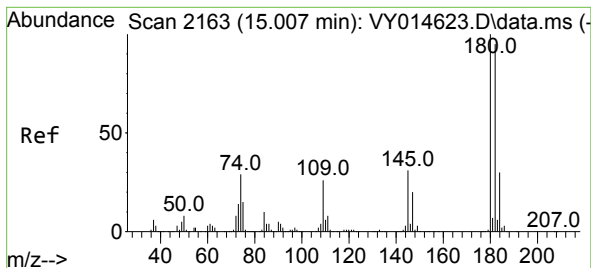
Tgt Ion:146 Resp: 118967
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.119 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY014690.D
Acq: 18 Jul 2023 10:25

Tgt Ion: 75 Resp: 13623
Ion Ratio Lower Upper
75 100
155 86.9 41.5 124.6
157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.621 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

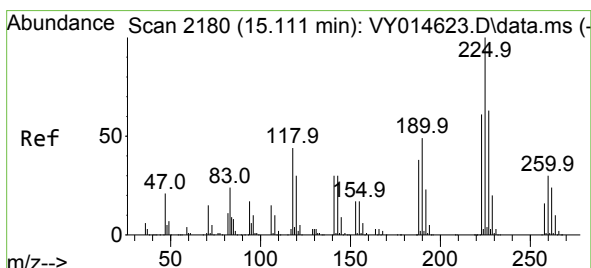
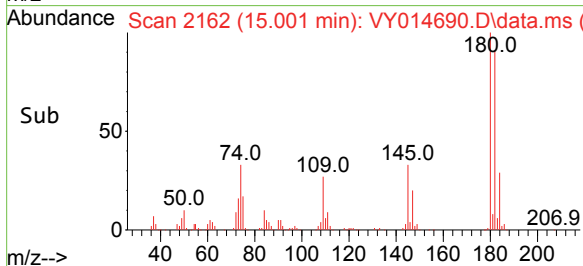
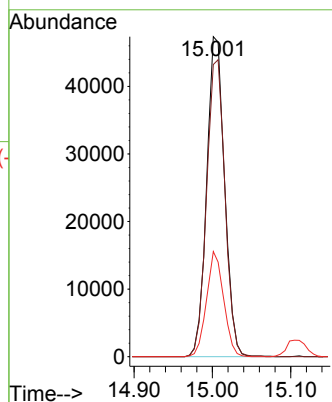
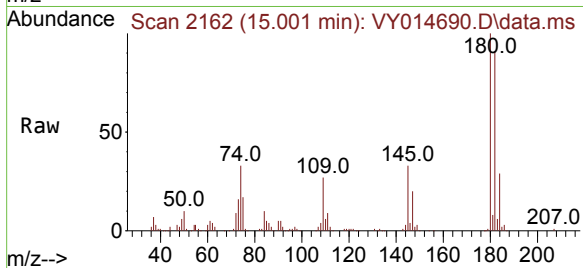
Tgt Ion:180 Resp: 74988

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.611 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

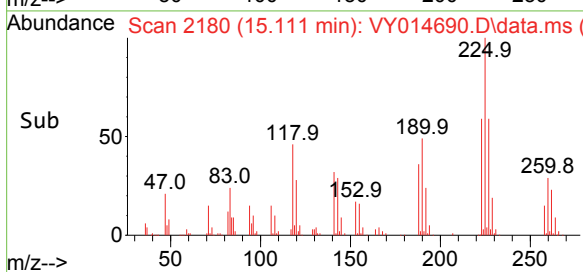
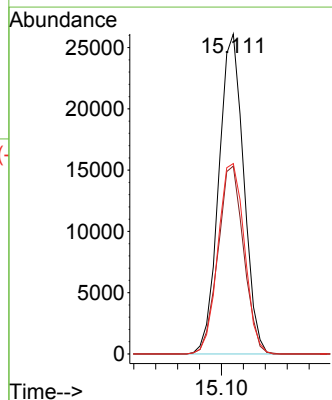
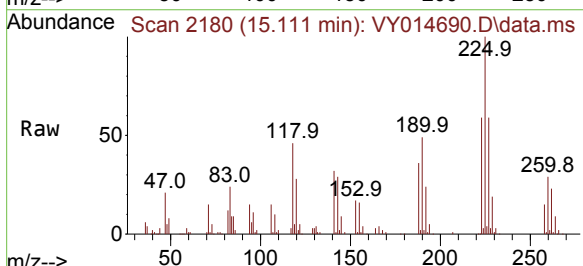
Tgt Ion:225 Resp: 41187

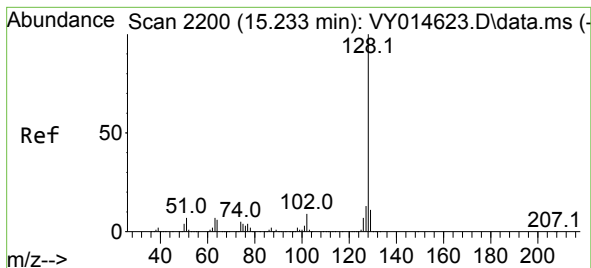
Ion Ratio Lower Upper

225 100

223 60.7 31.9 95.9

227 63.2 33.0 98.9





#95

Naphthalene

Concen: 20.260 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0718SBS01

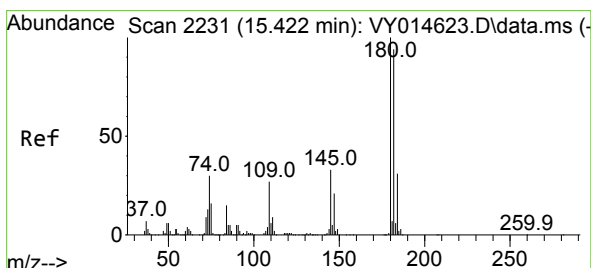
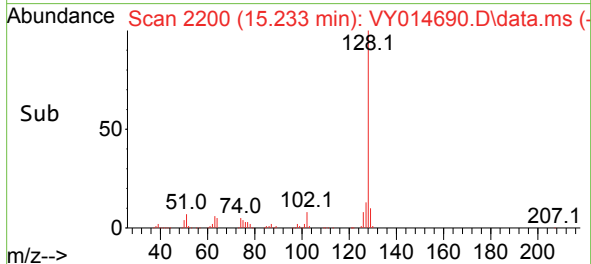
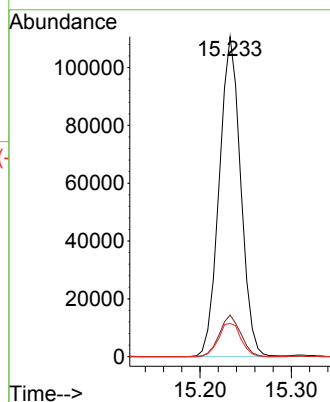
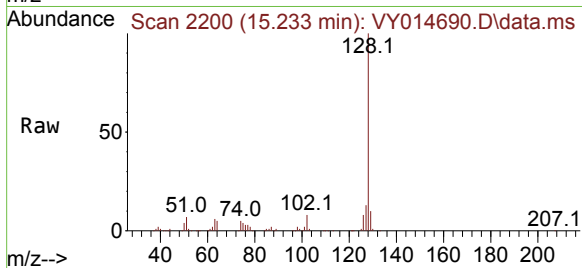
Tgt Ion:128 Resp: 180392

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.783 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY014690.D

Acq: 18 Jul 2023 10:25

Tgt Ion:180 Resp: 67196

Ion Ratio Lower Upper

180 100

182 93.4 47.3 141.8

145 32.7 15.4 46.2

