

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015117.D
 Acq On : 15 Aug 2023 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 02:09:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	151712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118112	64.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.720%	
35) Dibromofluoromethane	7.716	113	98781	58.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.960%	
50) Toluene-d8	10.179	98	370935	58.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.980%	
62) 4-Bromofluorobenzene	12.483	95	133556	58.148	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	37981	59.406	ug/l	97
3) Chloromethane	2.113	50	53098	59.316	ug/l	99
4) Vinyl Chloride	2.247	62	72135	59.753	ug/l	97
5) Bromomethane	2.638	94	46863	56.444	ug/l	100
6) Chloroethane	2.784	64	56329	64.267	ug/l	96
7) Trichlorofluoromethane	3.119	101	117169	57.600	ug/l	100
8) Diethyl Ether	3.534	74	49986	62.657	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	67930	53.732	ug/l	97
10) Methyl Iodide	4.088	142	59031	47.552	ug/l	98
11) Tert butyl alcohol	4.960	59	93951	317.734	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	60900	57.688	ug/l	92
13) Acrolein	3.735	56	52	Below Cal	#	14
14) Allyl chloride	4.479	41	75986	40.598	ug/l	95
15) Acrylonitrile	5.168	53	1994	3.688	ug/l #	54
16) Acetone	3.948	43	146830	246.796	ug/l	92
17) Carbon Disulfide	4.192	76	119872	64.522	ug/l	100
18) Methyl Acetate	4.473	43	587584	269.506	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	272360	60.677	ug/l	99
20) Methylene Chloride	4.716	84	103264	74.509	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	70955	59.587	ug/l	93
22) Diisopropyl ether	6.119	45	261167	55.921	ug/l #	86
23) Vinyl Acetate	6.119	43	147105	52.787	ug/l #	75
24) 1,1-Dichloroethane	6.015	63	145806	57.666	ug/l	97
25) 2-Butanone	6.984	43	123737	146.890	ug/l	94
26) 2,2-Dichloropropane	6.984	77	21476	8.811	ug/l #	71
27) cis-1,2-Dichloroethene	6.984	96	96725	59.464	ug/l	84
28) Bromochloromethane	7.332	49	135068	116.272	ug/l	86
29) Tetrahydrofuran	7.350	42	152543	302.848	ug/l	89
30) Chloroform	7.509	83	169081	59.652	ug/l	98
31) Cyclohexane	7.789	56	94464	58.505	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	140660	58.317	ug/l	99
36) 1,1-Dichloropropene	7.917	75	101045	54.068	ug/l	99
37) Ethyl Acetate	7.076	43	30528	17.525	ug/l	97
38) Carbon Tetrachloride	7.899	117	119969	54.241	ug/l	98
39) Methylcyclohexane	9.185	83	112304	53.604	ug/l	94
40) Benzene	8.161	78	317449	56.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	95578	106.403	ug/l #	39
42) 1,2-Dichloroethane	8.234	62	118606	57.800	ug/l	95
43) Isopropyl Acetate	8.277	43	97047	30.592	ug/l #	90
44) Trichloroethene	8.941	130	114747	70.492	ug/l	97
45) 1,2-Dichloropropane	9.216	63	88462	55.522	ug/l	96
46) Dibromomethane	9.307	93	60842	60.546	ug/l	98
47) Bromodichloromethane	9.496	83	138299	57.674	ug/l	97
48) Methyl methacrylate	9.295	41	97952	72.181	ug/l	92
49) 1,4-Dioxane	9.301	88	23971	1192.922	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	431658	234.784	ug/l	93
52) Toluene	10.246	92	209614	56.285	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	77221	30.642	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	87182	32.849	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	88016	57.604	ug/l	96
56) Ethyl methacrylate	10.508	69	83565	37.370	ug/l	91
57) 1,3-Dichloropropane	10.789	76	145617	58.332	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	303173	291.331	ug/l	92
59) 2-Hexanone	10.831	43	199441	146.571	ug/l	93
60) Dibromochloromethane	10.984	129	107947	59.226	ug/l	99
61) 1,2-Dibromoethane	11.087	107	85814	59.121	ug/l	99
64) Tetrachloroethene	10.721	164	135772	80.523	ug/l	95
65) Chlorobenzene	11.514	112	244159	55.370	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	101896	56.950	ug/l	99
67) Ethyl Benzene	11.593	91	413183	53.479	ug/l	97
68) m/p-Xylenes	11.703	106	313921	106.981	ug/l	96
69) o-Xylene	12.026	106	160080	54.762	ug/l	98
70) Styrene	12.044	104	268739	53.118	ug/l	97
71) Bromoform	12.209	173	76408	58.910	ug/l #	99
73) Isopropylbenzene	12.331	105	416120	53.057	ug/l	100
74) N-amyl acetate	12.142	43	24286	8.576	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	88340	43.248	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	122699	82.803	ug/l #	100
77) Bromobenzene	12.605	156	108493	56.751	ug/l	97
78) n-propylbenzene	12.672	91	479793	51.516	ug/l	99
79) 2-Chlorotoluene	12.758	91	289274	53.841	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	348165	53.255	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9252	13.714	ug/l	99
82) 4-Chlorotoluene	12.855	91	294671	53.087	ug/l	98
83) tert-Butylbenzene	13.075	119	314436	52.583	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	351204	53.760	ug/l	99
85) sec-Butylbenzene	13.251	105	454942	51.924	ug/l	99
86) p-Isopropyltoluene	13.367	119	365876	50.367	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	204018	53.805	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	203863	53.603	ug/l	99
89) n-Butylbenzene	13.697	91	315509	46.065	ug/l	96
90) Hexachloroethane	13.959	117	76704	53.226	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	199793	56.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23123	58.436	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	115014	50.575	ug/l	97
94) Hexachlorobutadiene	15.111	225	58256	47.094	ug/l	98
95) Naphthalene	15.233	128	327269	57.770	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	112961	55.001	ug/l	99

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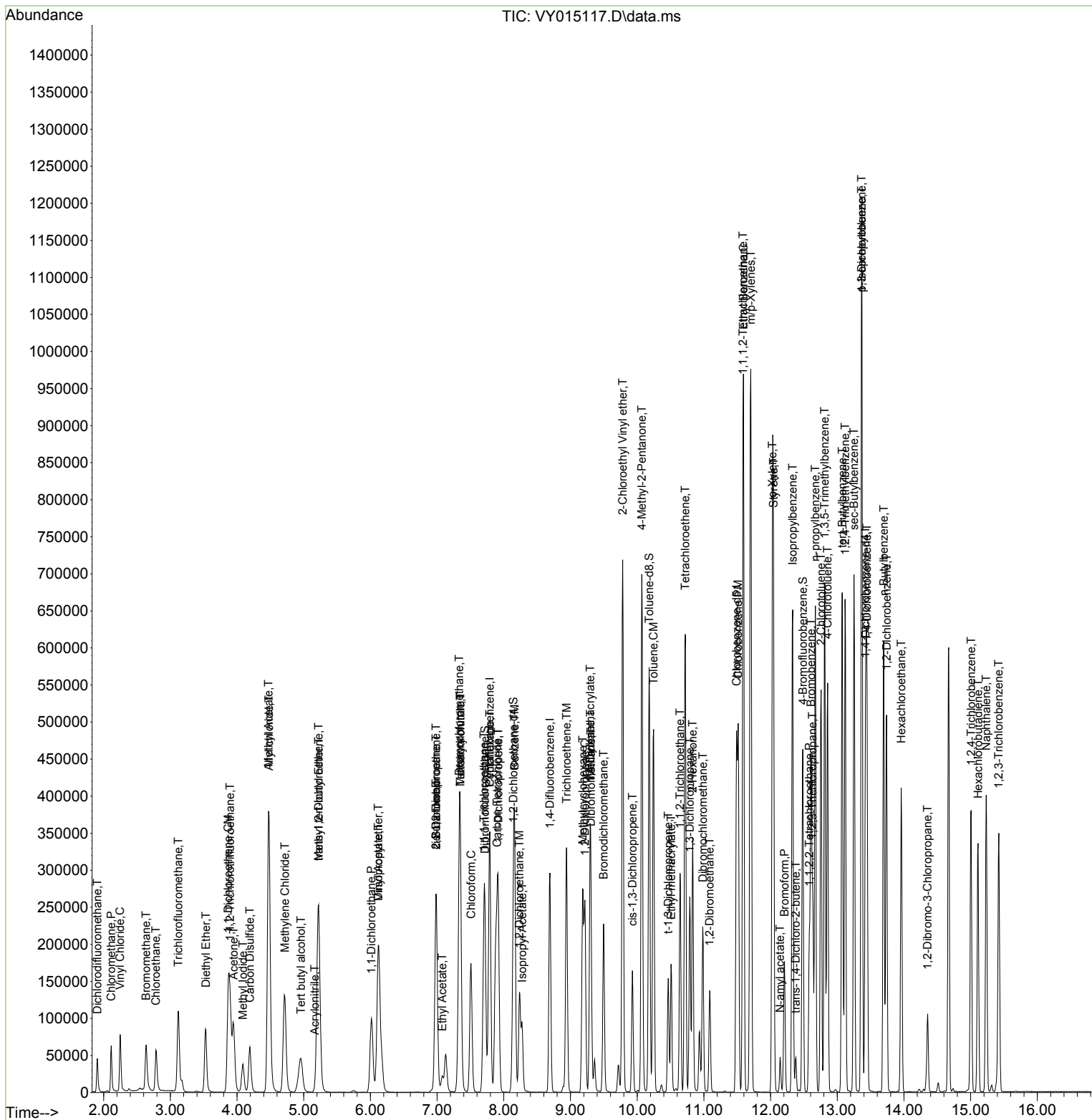
Instrument :
MSVOA_Y
ClientSampleId :

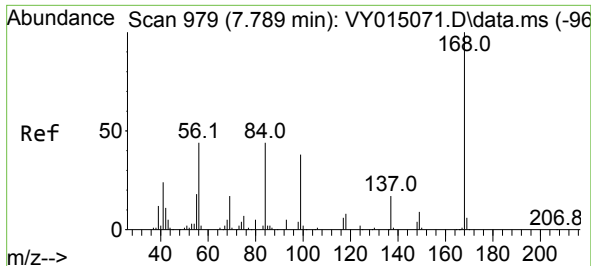
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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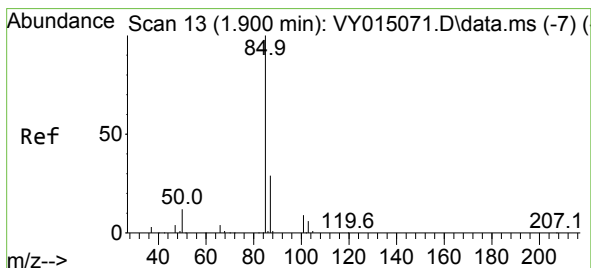
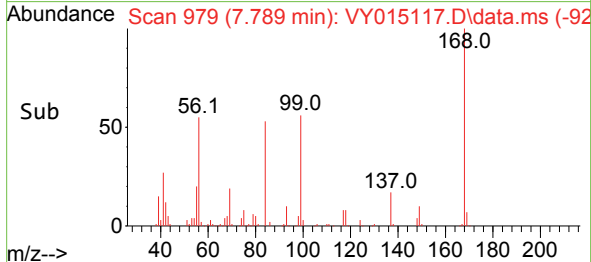
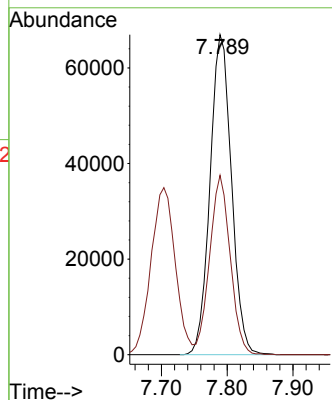
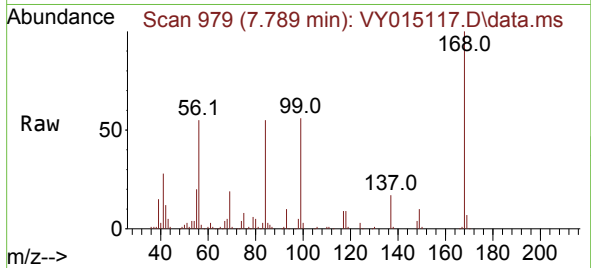




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015117.D
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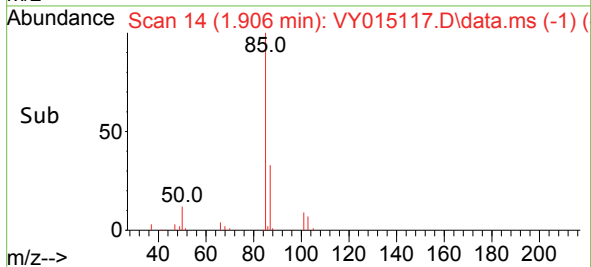
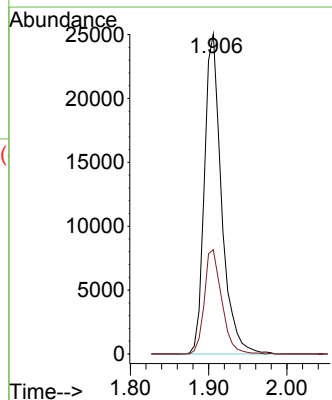
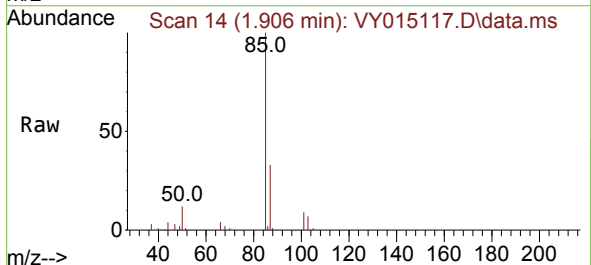
Instrument :
MSVOA_Y
ClientSampleId :

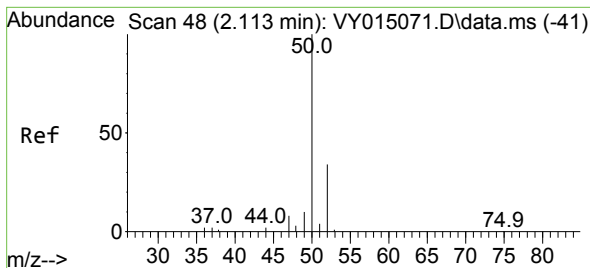
Tgt Ion:168 Resp: 151712
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 59.406 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 85 Resp: 37981
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3

Chloromethane

Concen: 59.316 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

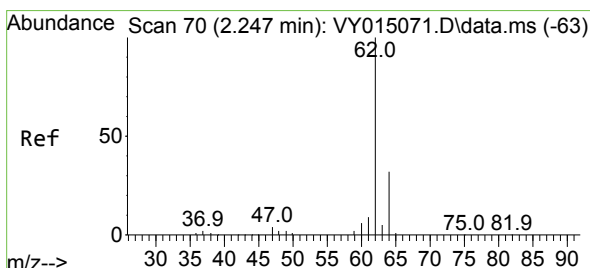
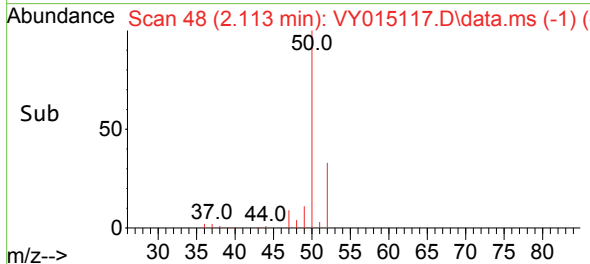
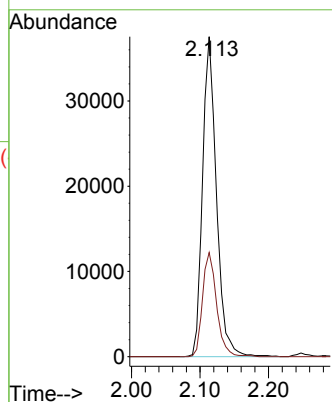
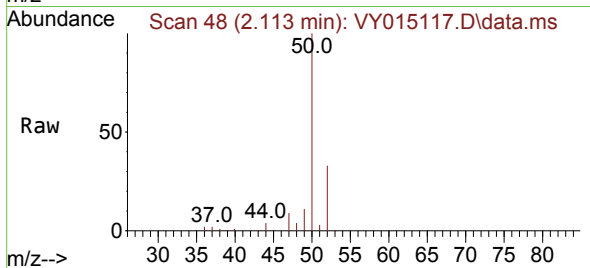
ClientSampleId :

Tgt Ion: 50 Resp: 53098

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



#4

Vinyl Chloride

Concen: 59.753 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015117.D

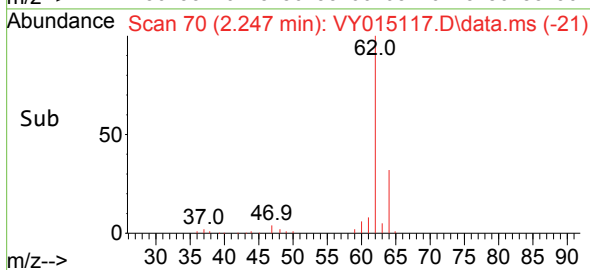
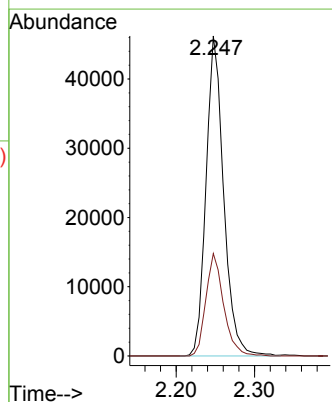
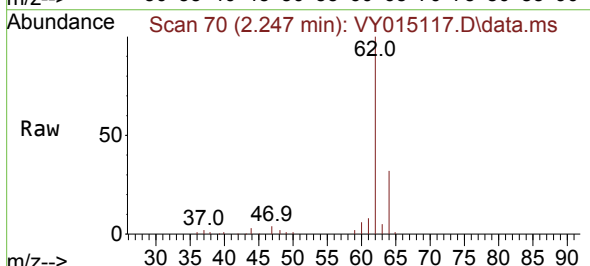
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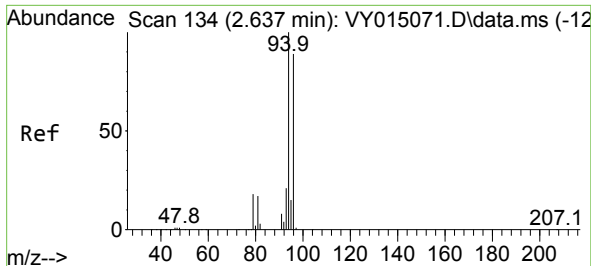
Tgt Ion: 62 Resp: 72135

Ion Ratio Lower Upper

62 100

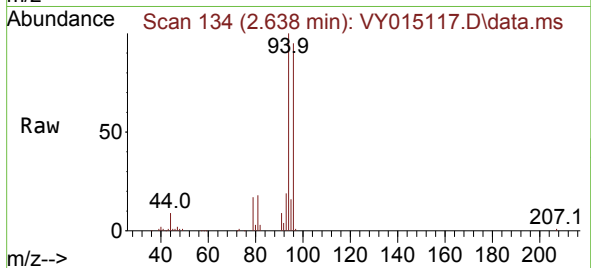
64 32.0 24.3 36.5



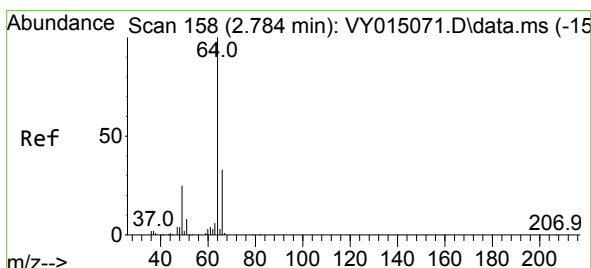
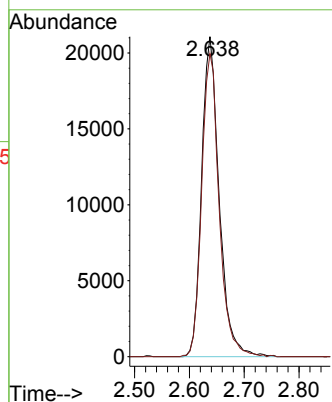
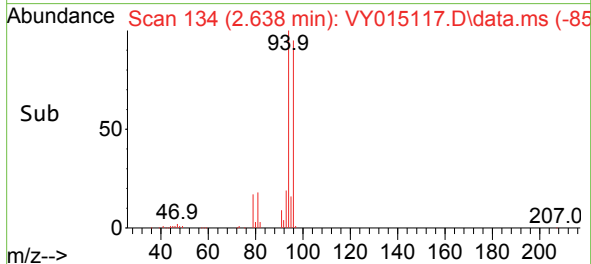


#5
Bromomethane
Concen: 56.444 ug/l
RT: 2.638 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
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ClientSampleId :

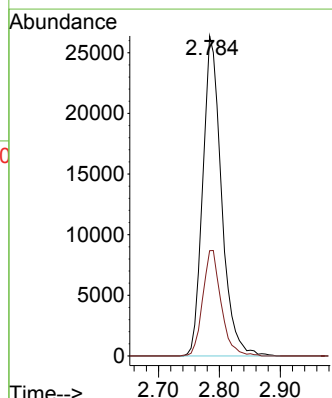
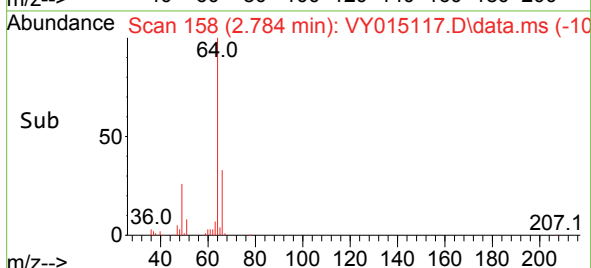
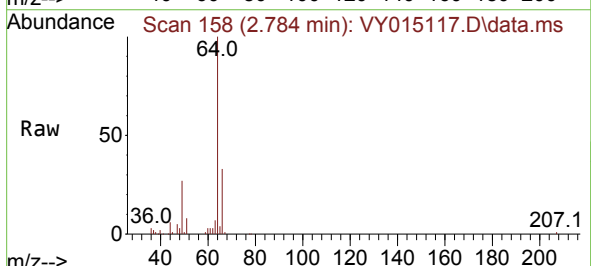


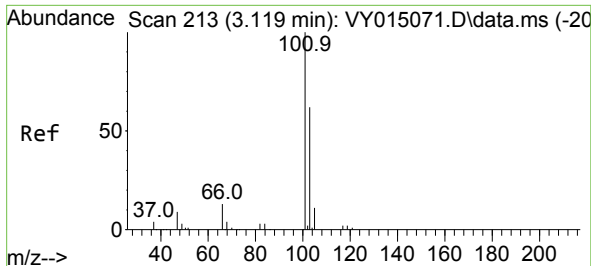
Tgt Ion: 94 Resp: 46863
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 64.267 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

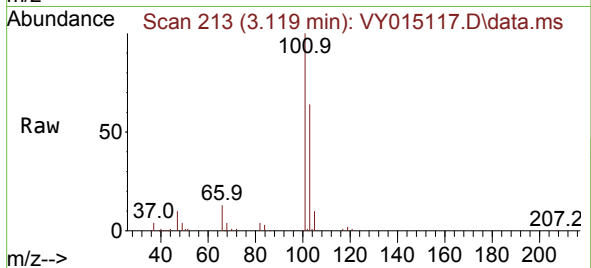
Tgt Ion: 64 Resp: 56329
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6



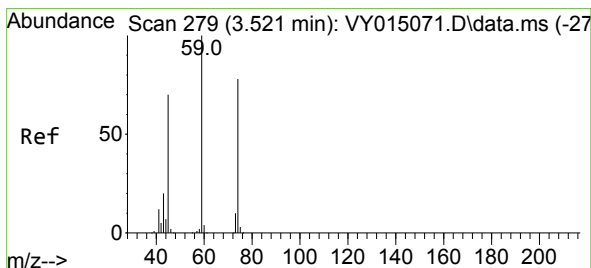
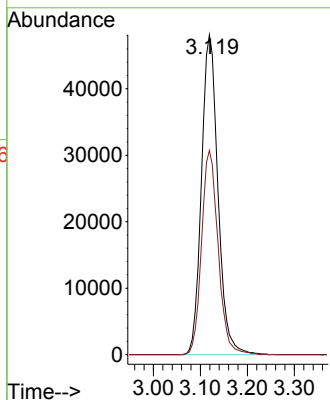
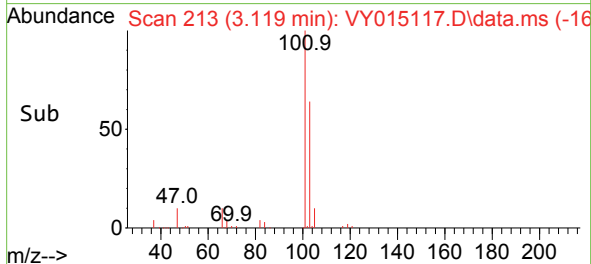


#7
Trichlorofluoromethane
Concen: 57.600 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
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ClientSampleId :

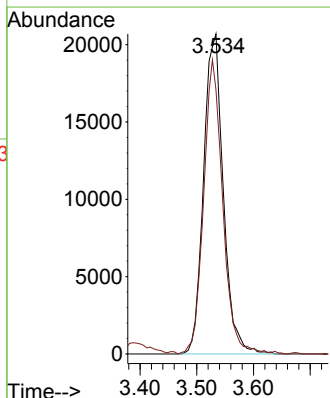
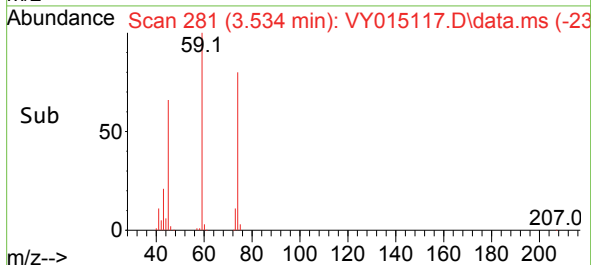
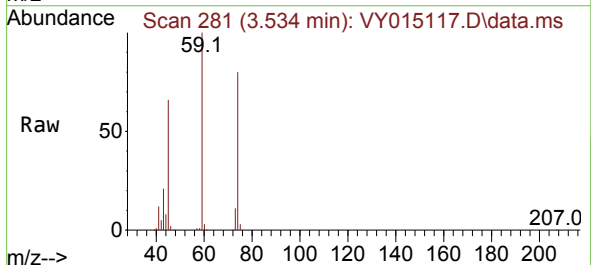


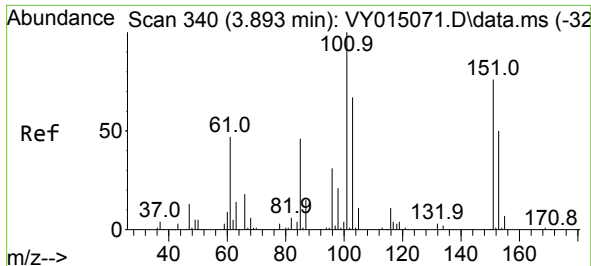
Tgt Ion:101 Resp: 117169
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0



#8
Diethyl Ether
Concen: 62.657 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 74 Resp: 49986
Ion Ratio Lower Upper
74 100
45 88.9 51.5 154.5

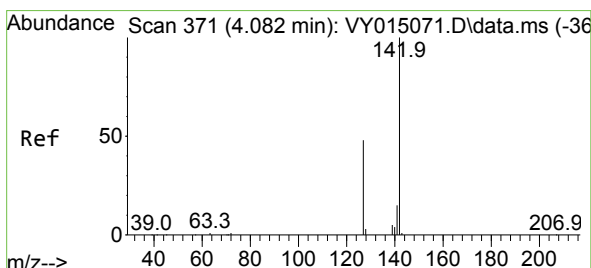
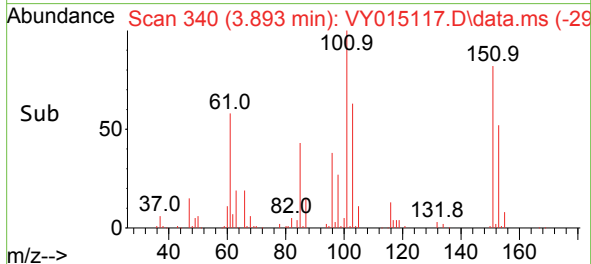
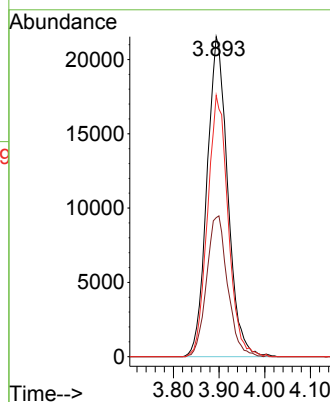
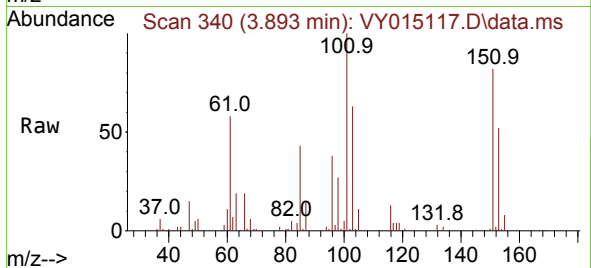




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.732 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015117.D
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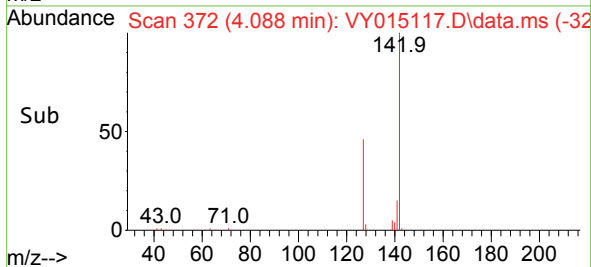
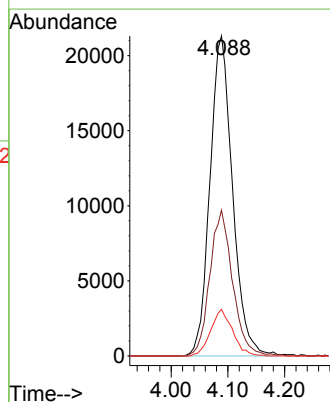
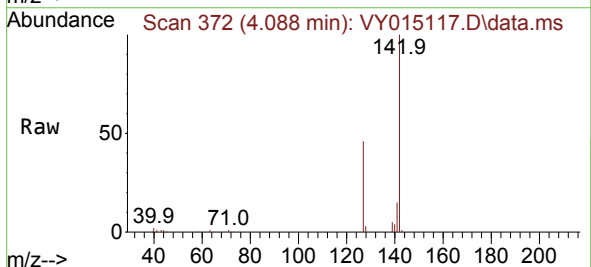
Instrument :
MSVOA_Y
ClientSampleId :

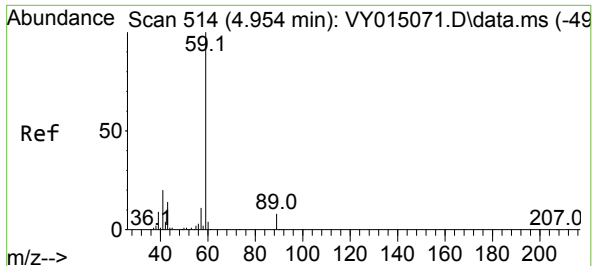
Tgt Ion:101 Resp: 67930
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 81.0 67.0 100.6



#10
Methyl Iodide
Concen: 47.552 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion:142 Resp: 59031
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.1 11.8 17.8

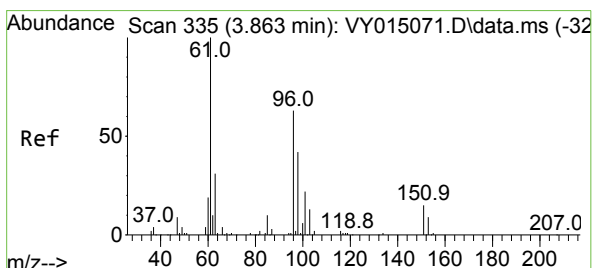
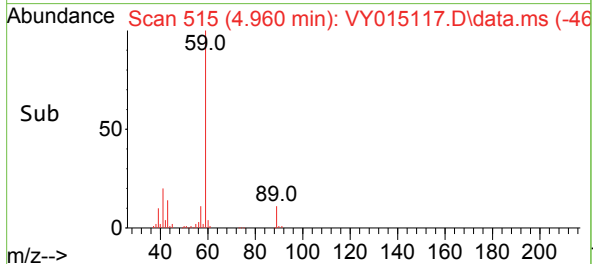
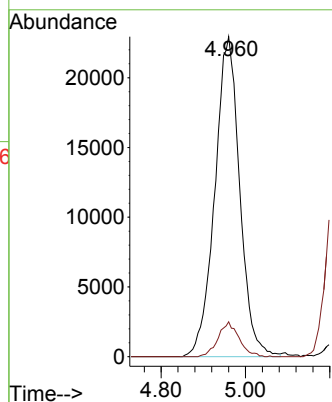
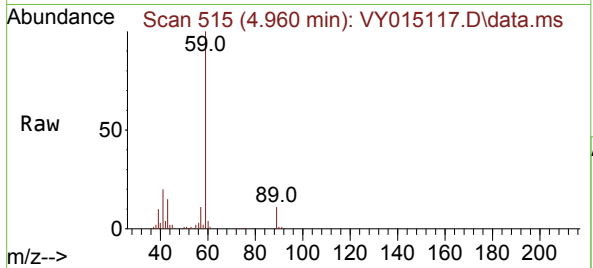




#11
Tert butyl alcohol
Concen: 317.734 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

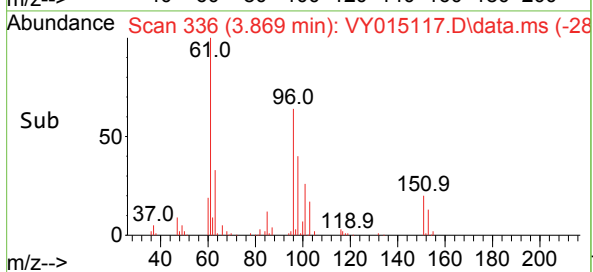
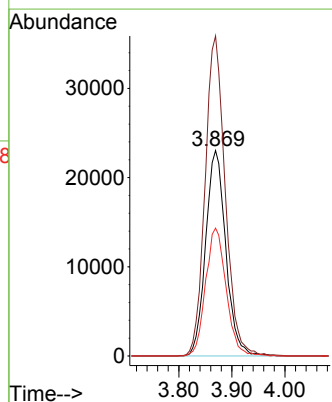
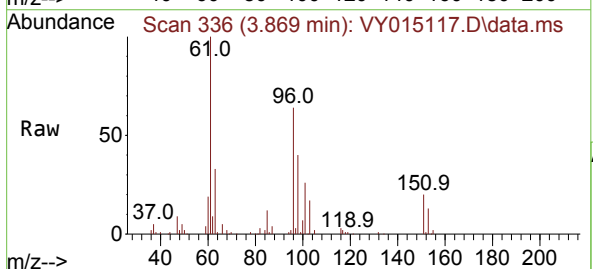
Instrument :
MSVOA_Y
ClientSampleId :

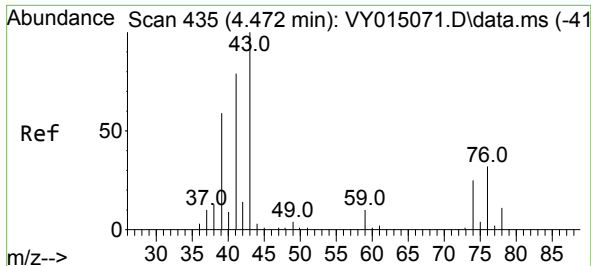
Tgt Ion: 59 Resp: 93951
Ion Ratio Lower Upper
59 100
57 9.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 57.688 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

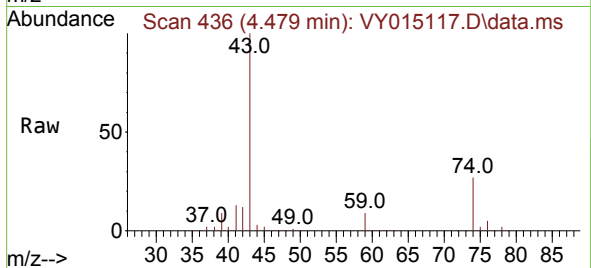
Tgt Ion: 96 Resp: 60900
Ion Ratio Lower Upper
96 100
61 155.5 136.4 204.6
98 62.2 49.4 74.2



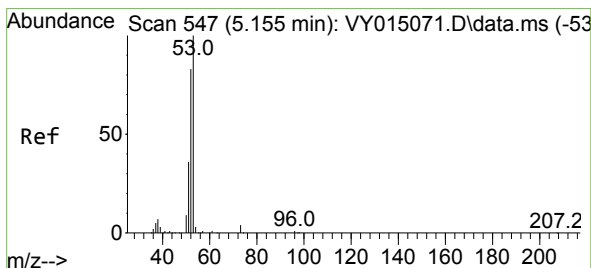
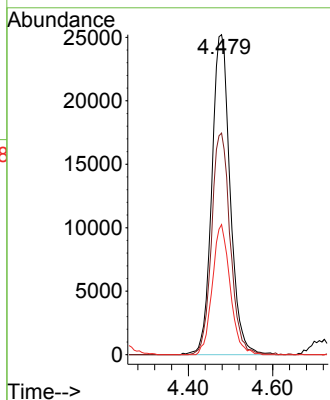
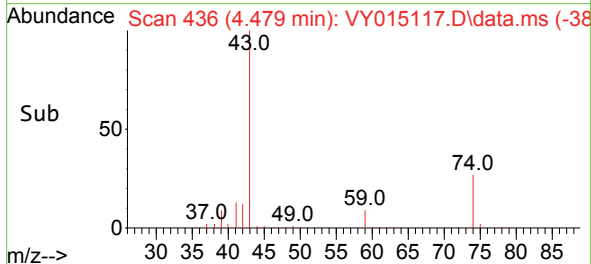


#14
 Allyl chloride
 Concen: 40.598 ug/l
 RT: 4.479 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

Instrument :
 MSVOA_Y
 ClientSampleId :

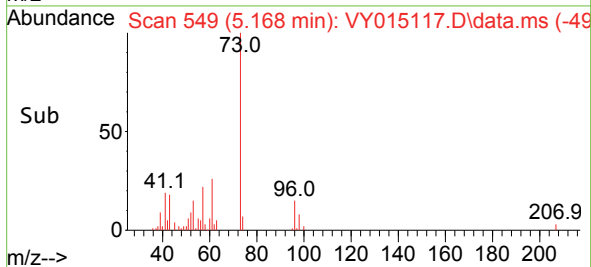
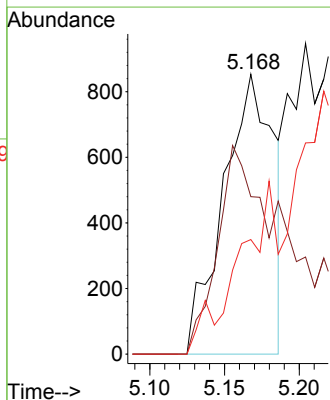
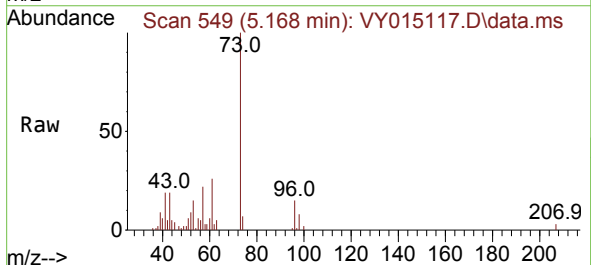


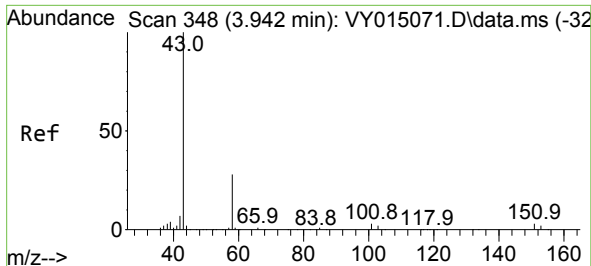
Tgt Ion: 41 Resp: 75986
 Ion Ratio Lower Upper
 41 100
 39 70.4 58.0 87.0
 76 39.5 27.4 41.2



#15
 Acrylonitrile
 Concen: 3.688 ug/l
 RT: 5.168 min Scan# 549
 Delta R.T. 0.012 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

Tgt Ion: 53 Resp: 1994
 Ion Ratio Lower Upper
 53 100
 52 119.1 66.9 100.3#
 51 0.0 29.8 44.6#

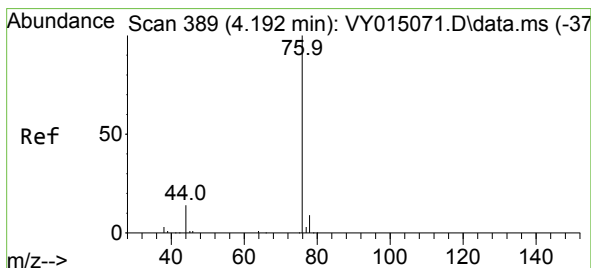
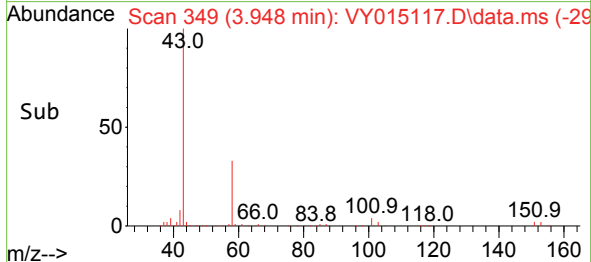
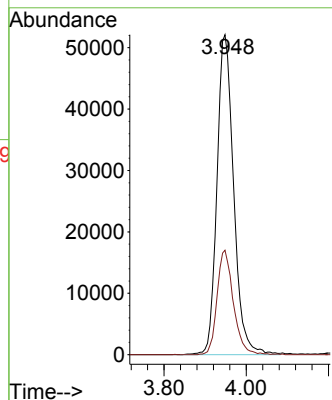
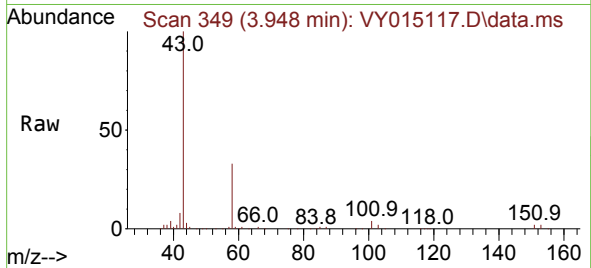




#16
Acetone
Concen: 246.796 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

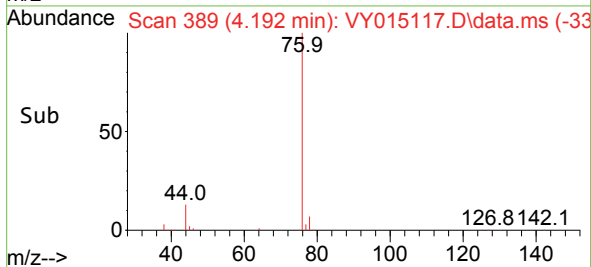
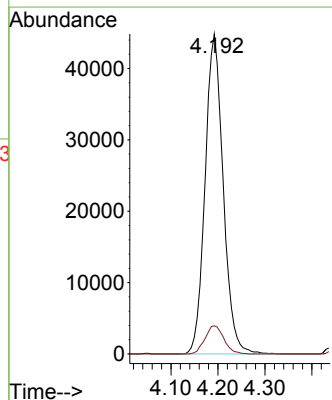
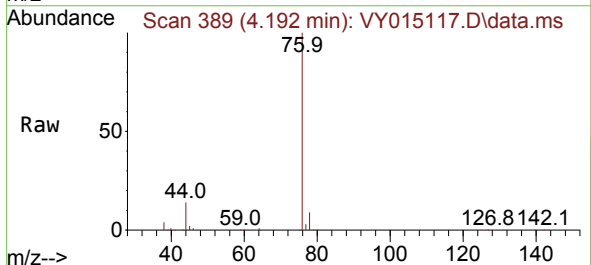
Instrument :
MSVOA_Y
ClientSampleId :

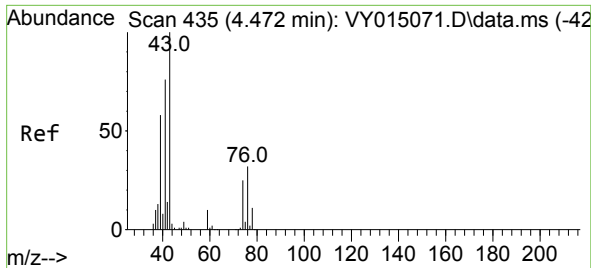
Tgt Ion: 43 Resp: 146830
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1



#17
Carbon Disulfide
Concen: 64.522 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 76 Resp: 119872
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

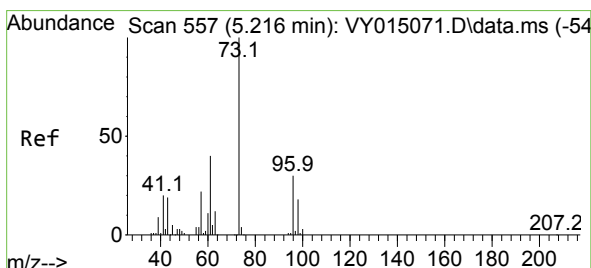
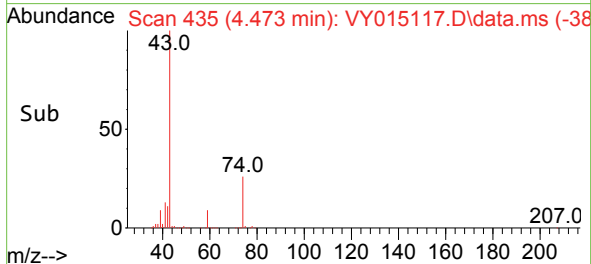
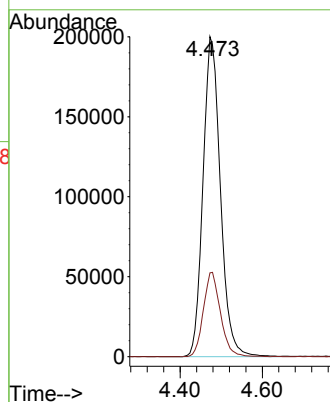
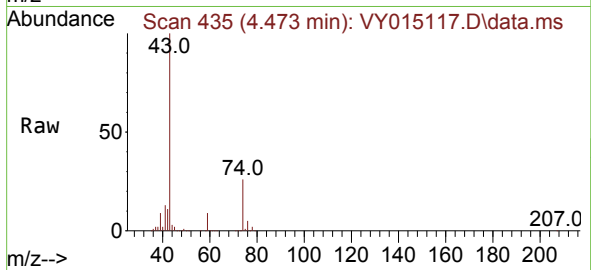




#18
Methyl Acetate
Concen: 269.506 ug/l
RT: 4.473 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

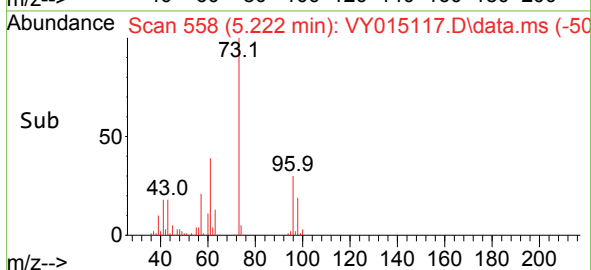
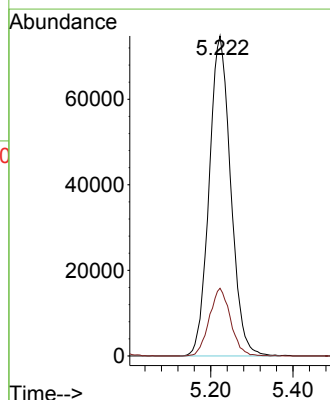
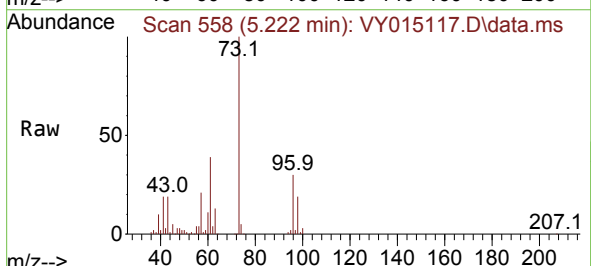
Instrument :
MSVOA_Y
ClientSampleId :

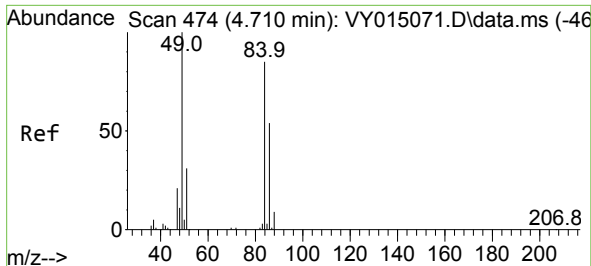
Tgt Ion: 43 Resp: 587584
Ion Ratio Lower Upper
43 100
74 26.0 17.4 26.0



#19
Methyl tert-butyl Ether
Concen: 60.677 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.012 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

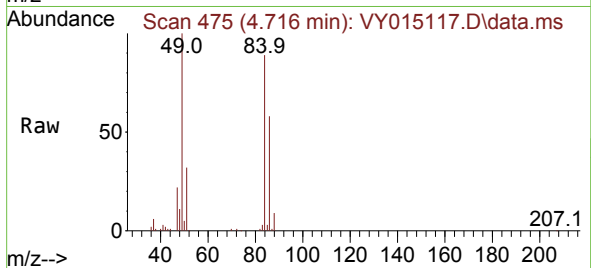
Tgt Ion: 73 Resp: 272360
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



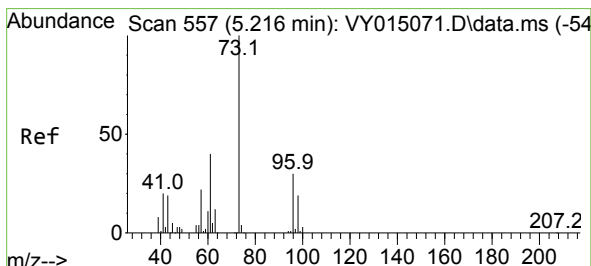
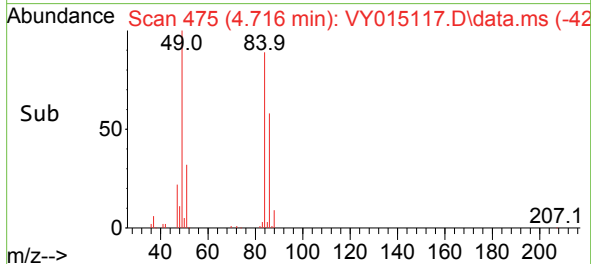
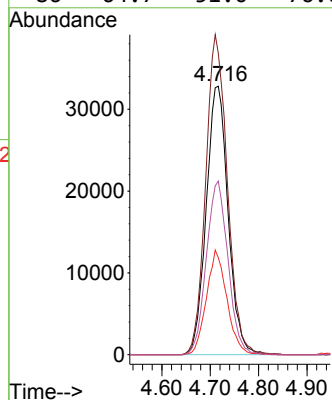


#20
Methylene Chloride
Concen: 74.509 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
MSVOA_Y
ClientSampleId :

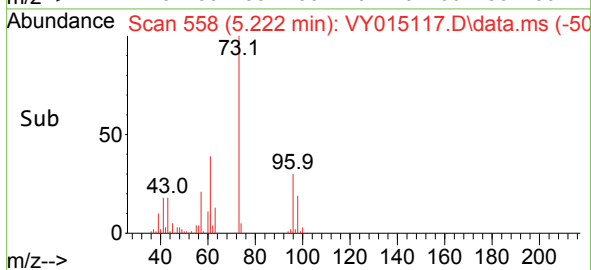
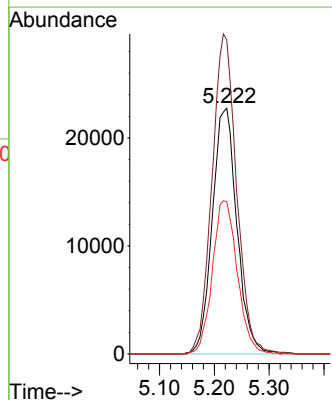
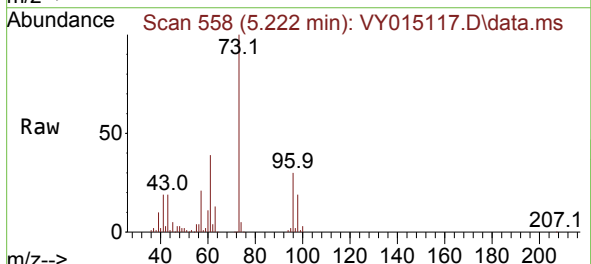


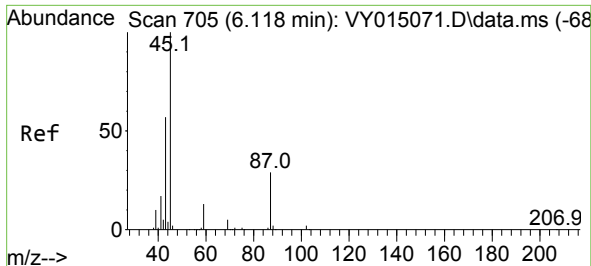
Tgt Ion: 84 Resp: 103264
Ion Ratio Lower Upper
84 100
49 112.3 106.9 160.3
51 36.1 33.2 49.8
86 64.7 51.0 76.6



#21
trans-1,2-Dichloroethene
Concen: 59.587 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.012 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

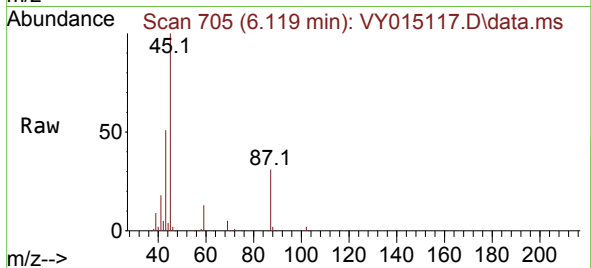
Tgt Ion: 96 Resp: 70955
Ion Ratio Lower Upper
96 100
61 127.8 110.2 165.4
98 62.0 51.8 77.6



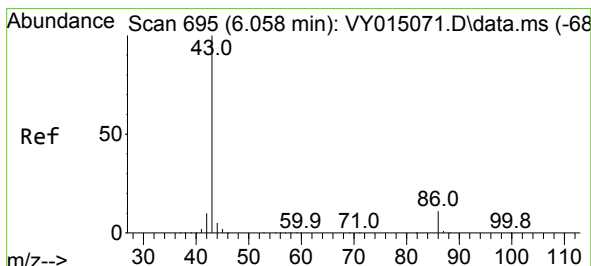
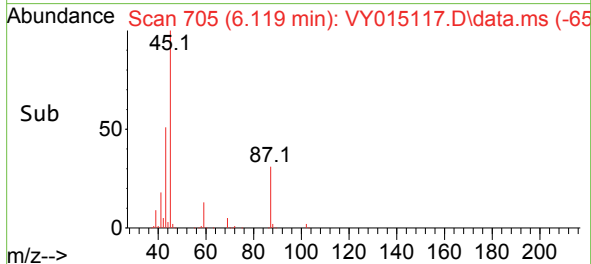
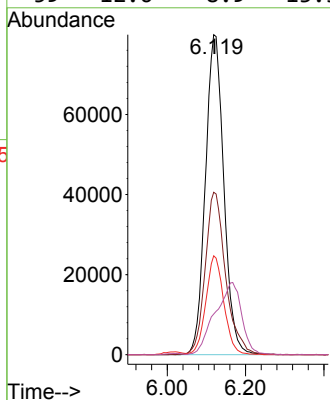


#22
Diisopropyl ether
Concen: 55.921 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
MSVOA_Y
ClientSampleId :

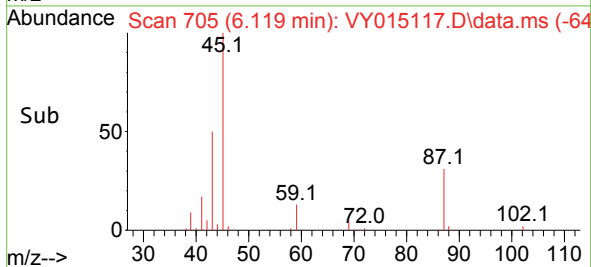
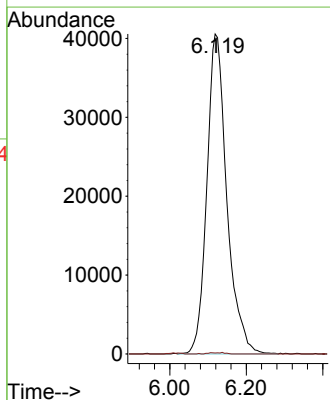
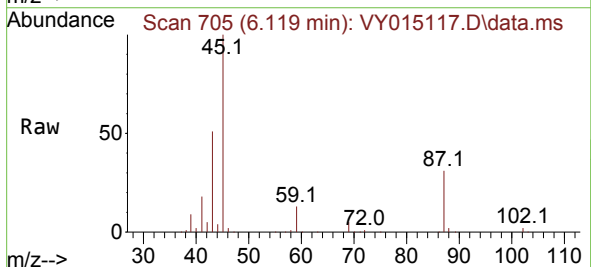


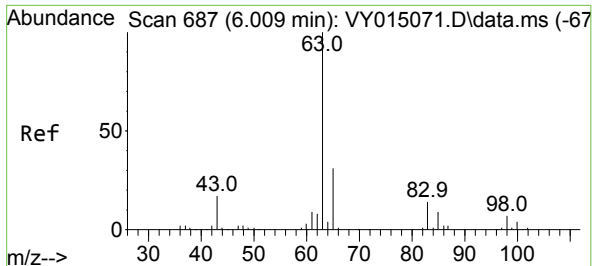
Tgt Ion:	45	Resp:	261167
Ion Ratio	Lower	Upper	
45	100		
43	50.8	52.2	78.4#
87	30.9	21.0	31.6
59	12.6	8.9	13.3



#23
Vinyl Acetate
Concen: 52.787 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.067 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion:	43	Resp:	147105
Ion Ratio	Lower	Upper	
43	100		
86	0.3	7.5	11.3#

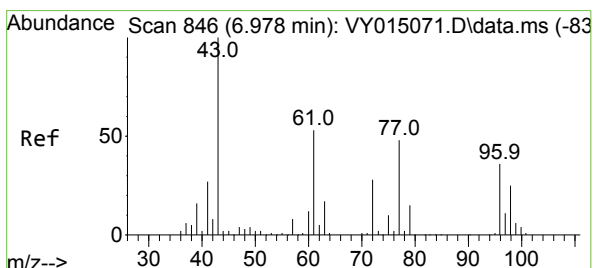
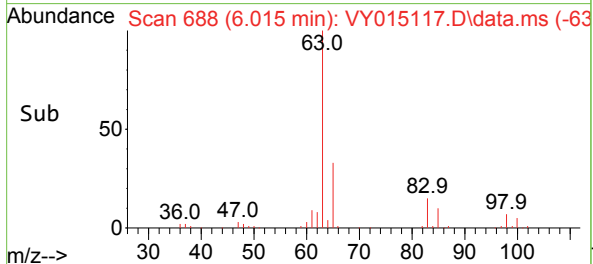
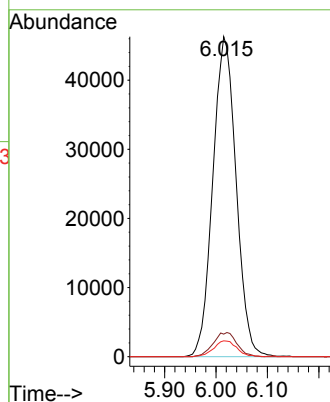
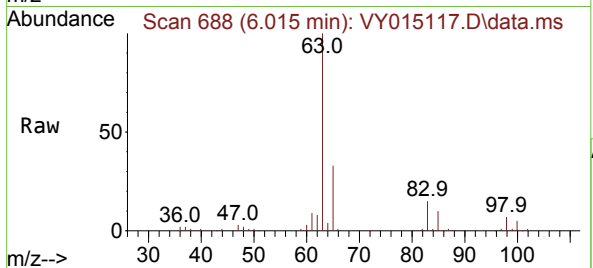




#24
1,1-Dichloroethane
Concen: 57.666 ug/l
RT: 6.015 min Scan# 61
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

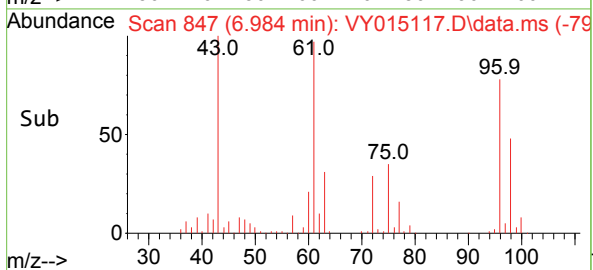
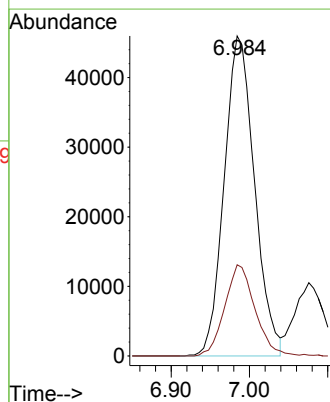
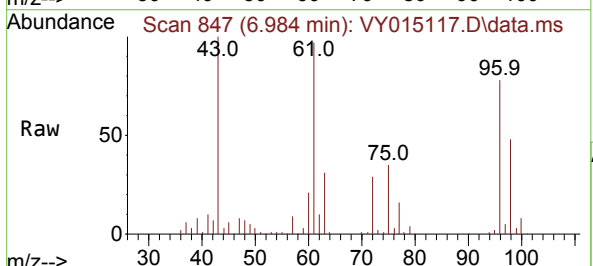
Instrument :
MSVOA_Y
ClientSampleId :

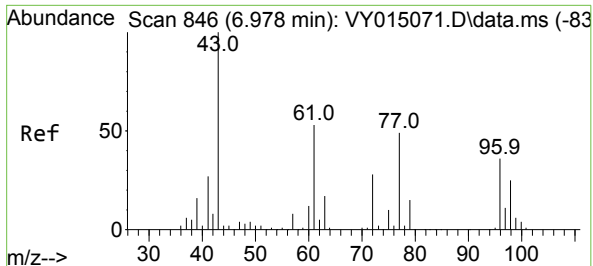
Tgt Ion: 63 Resp: 145806
Ion Ratio Lower Upper
63 100
98 7.1 3.1 9.4
100 4.9 1.8 5.5



#25
2-Butanone
Concen: 146.890 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 43 Resp: 123737
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7





#26

2,2-Dichloropropane

Concen: 8.811 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

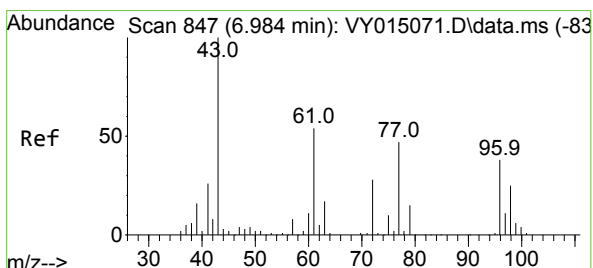
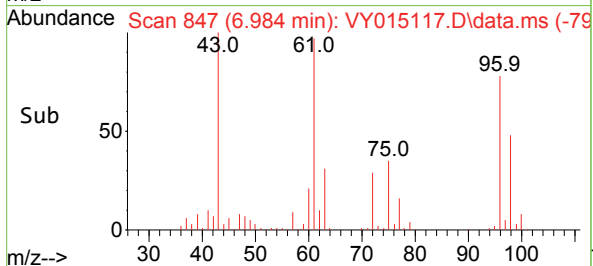
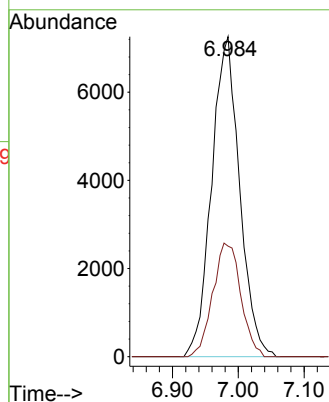
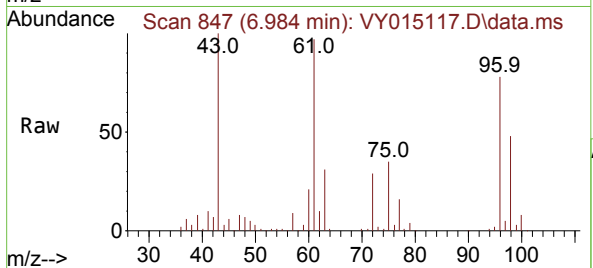
ClientSampleId :

Tgt Ion: 77 Resp: 21476

Ion Ratio Lower Upper

77 100

97 35.5 10.9 32.9#



#27

cis-1,2-Dichloroethene

Concen: 59.464 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

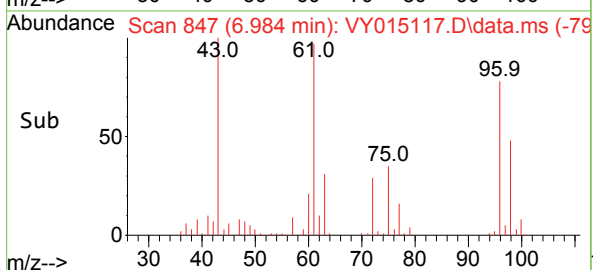
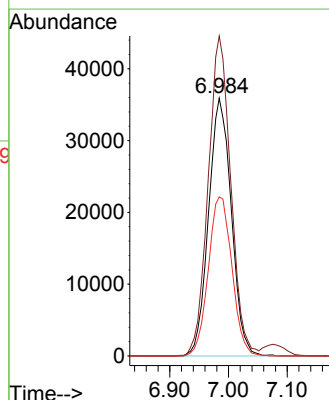
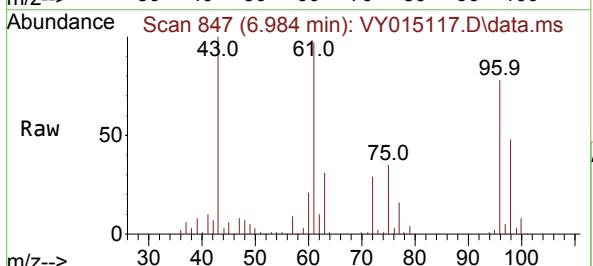
Tgt Ion: 96 Resp: 96725

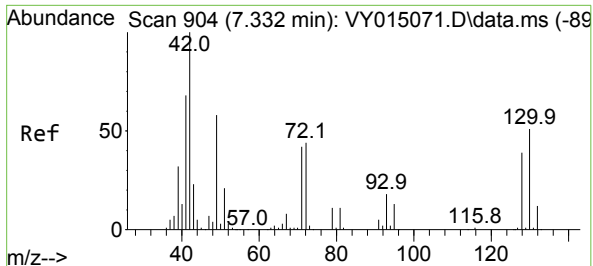
Ion Ratio Lower Upper

96 100

61 123.2 0.0 301.4

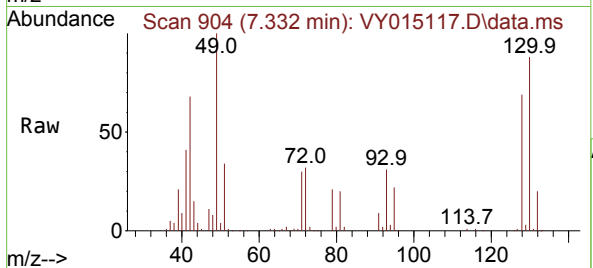
98 63.9 0.0 130.4



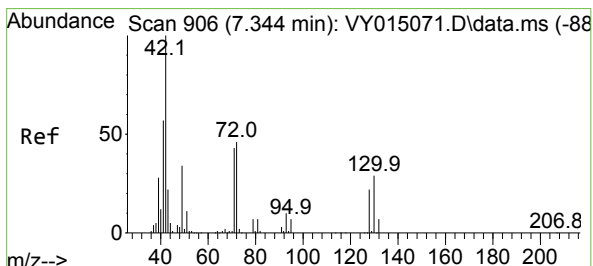
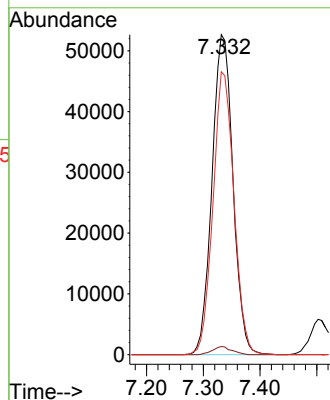
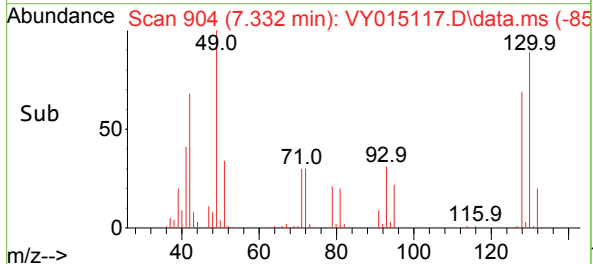


#28
Bromochloromethane
Concen: 116.272 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

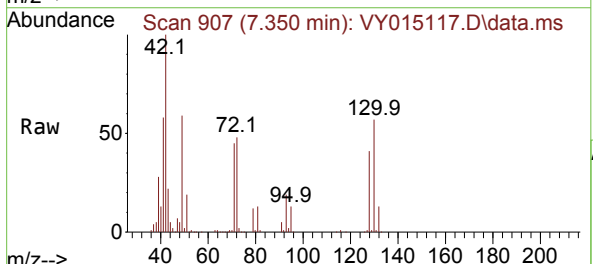
Instrument :
MSVOA_Y
ClientSampleId :



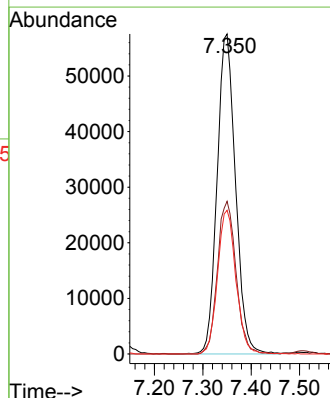
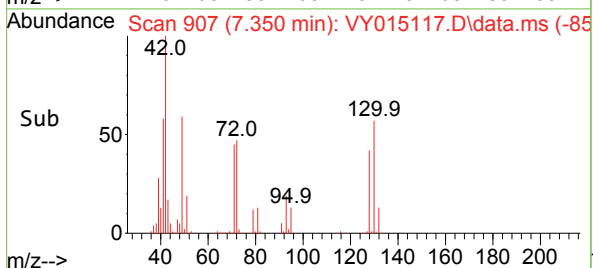
Tgt Ion: 49 Resp: 135068
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 88.3 60.7 91.1

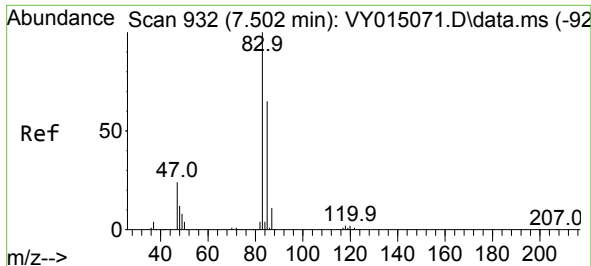


#29
Tetrahydrofuran
Concen: 302.848 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38



Tgt Ion: 42 Resp: 152543
Ion Ratio Lower Upper
42 100
72 48.1 32.8 49.2
71 44.9 31.0 46.4

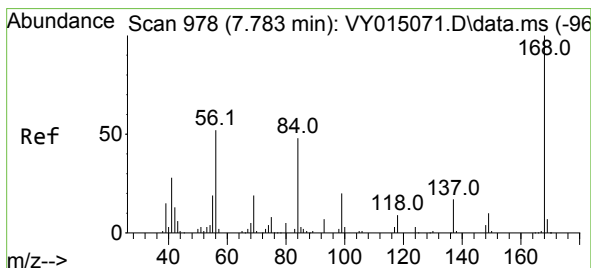
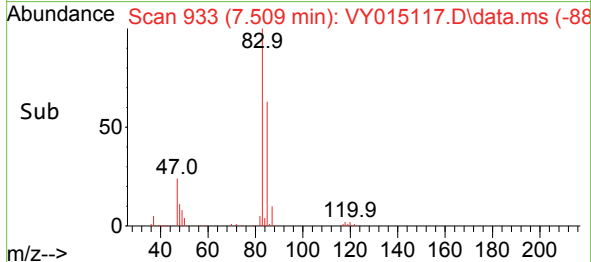
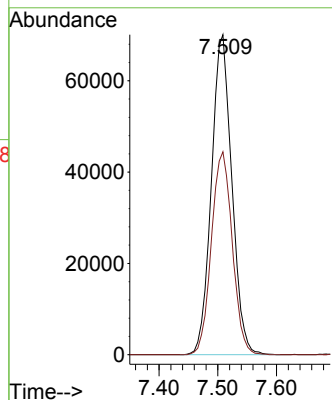
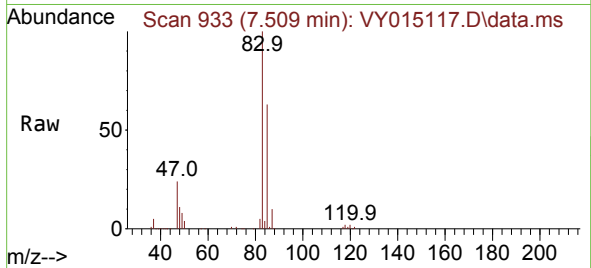




#30
Chloroform
Concen: 59.652 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

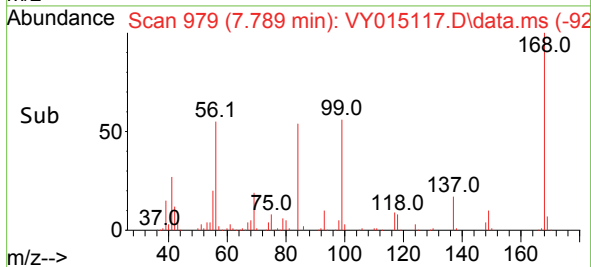
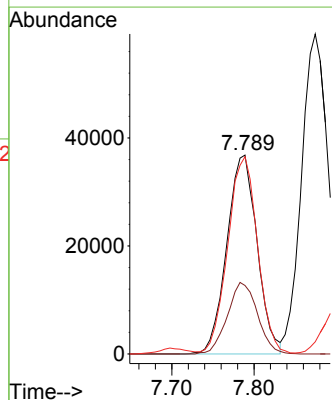
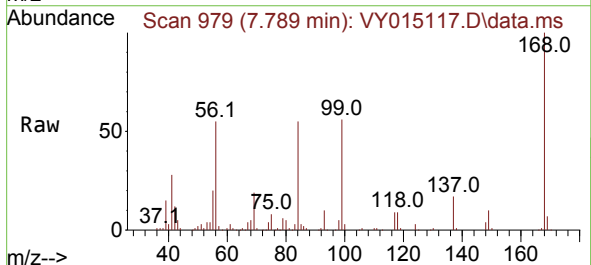
Instrument :
MSVOA_Y
ClientSampleId :

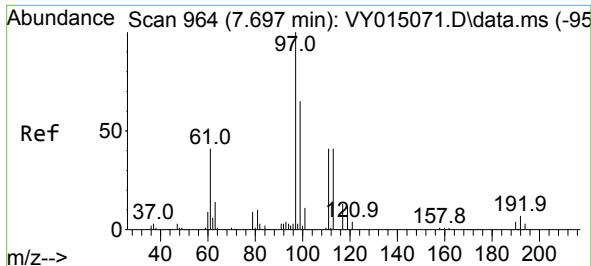
Tgt Ion: 83 Resp: 169081
Ion Ratio Lower Upper
83 100
85 63.4 49.7 74.5



#31
Cyclohexane
Concen: 58.505 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 56 Resp: 94464
Ion Ratio Lower Upper
56 100
69 34.4 27.8 41.6
84 96.8 66.4 99.6

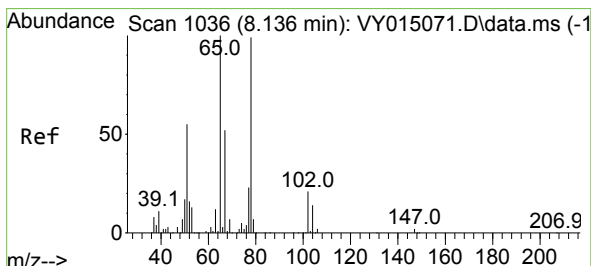
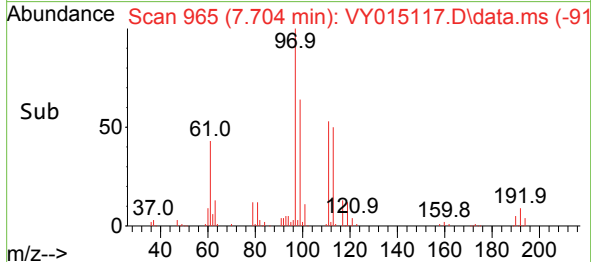
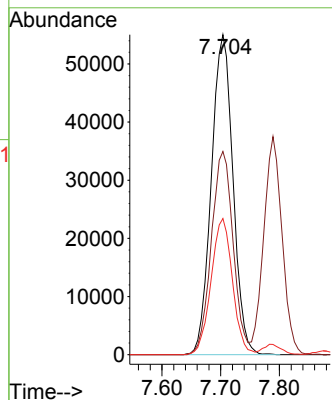
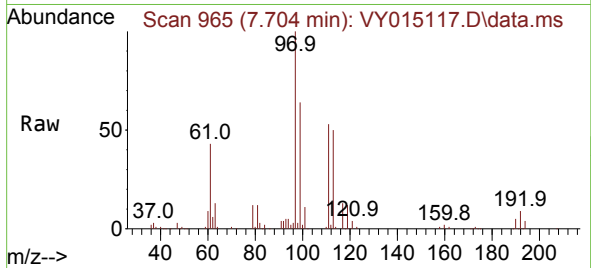




#32
1,1,1-Trichloroethane
Concen: 58.317 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

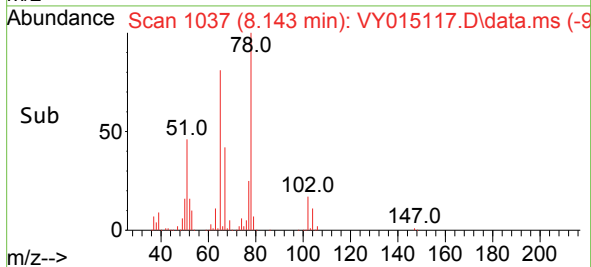
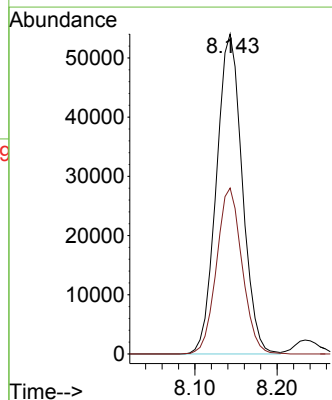
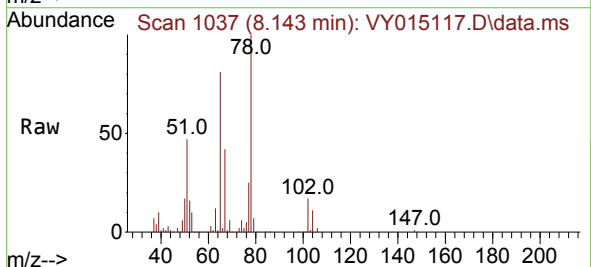
Instrument :
MSVOA_Y
ClientSampleId :

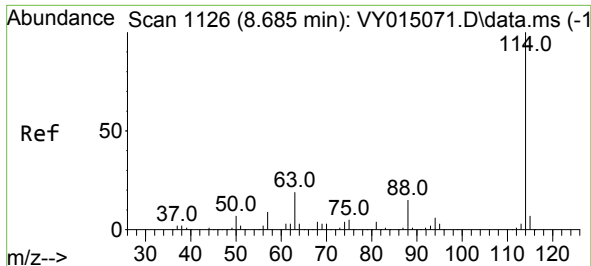
Tgt Ion: 97 Resp: 140660
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.1 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 64.855 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 65 Resp: 118112
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

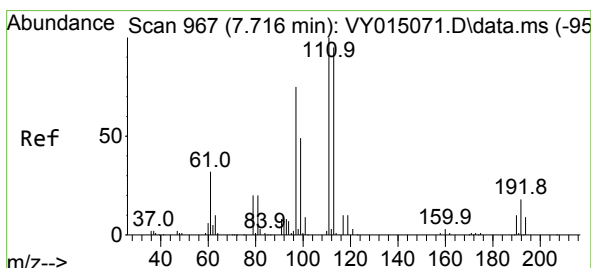
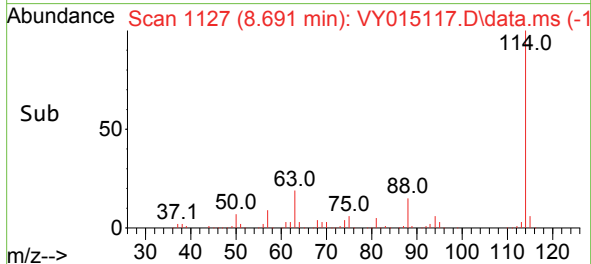
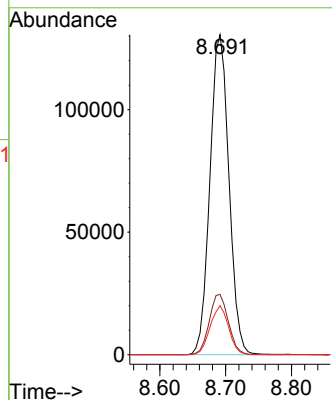
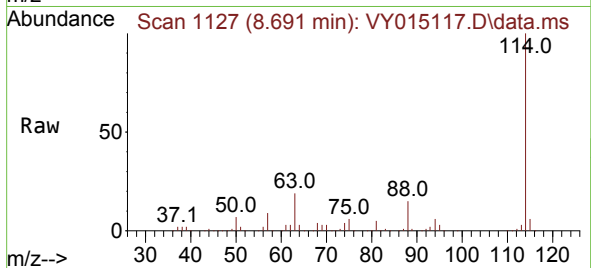
Tgt Ion:114 Resp: 262579

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.476 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

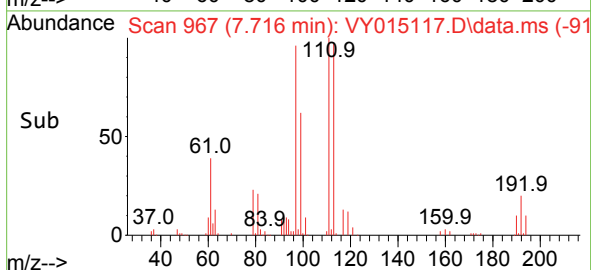
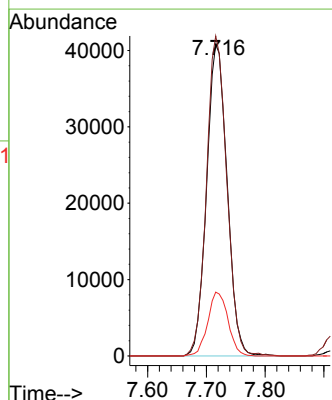
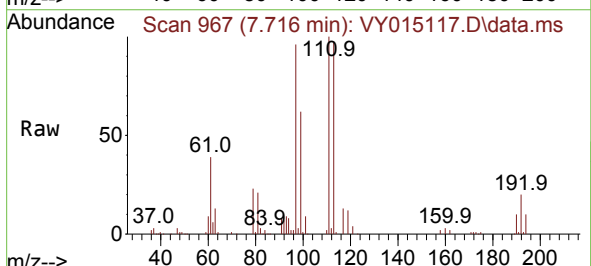
Tgt Ion:113 Resp: 98781

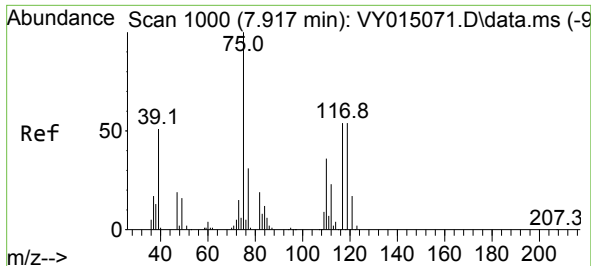
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 20.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 54.068 ug/l

RT: 7.917 min Scan# 10

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

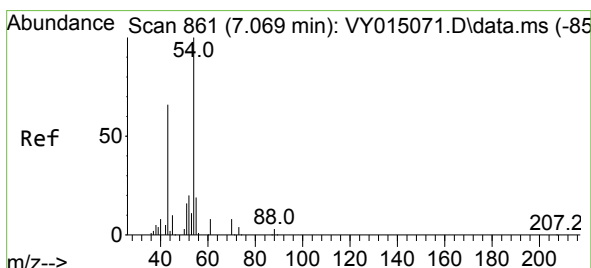
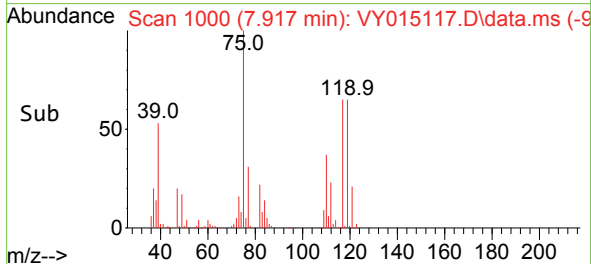
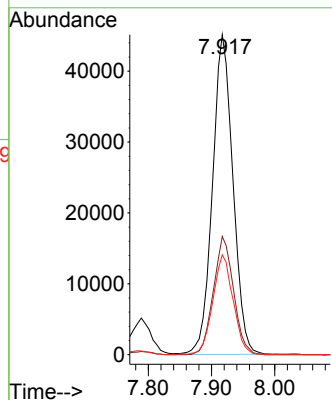
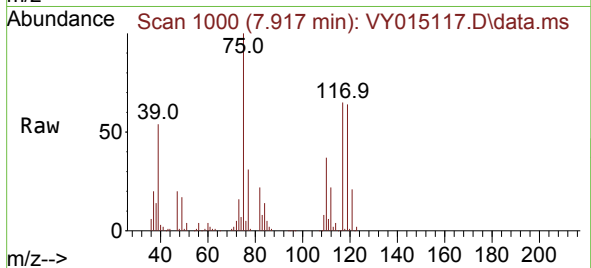
Tgt Ion: 75 Resp: 101045

Ion Ratio Lower Upper

75 100

110 36.4 17.8 53.5

77 31.1 24.4 36.6



#37

Ethyl Acetate

Concen: 17.525 ug/l

RT: 7.076 min Scan# 862

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

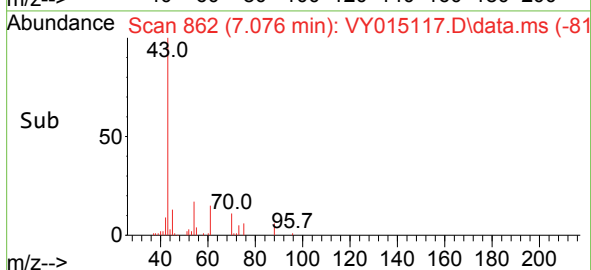
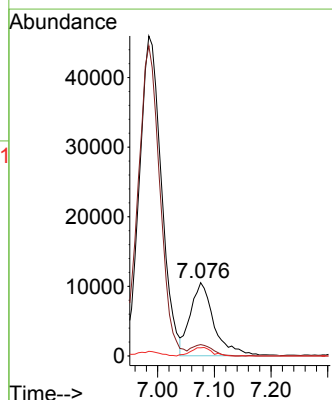
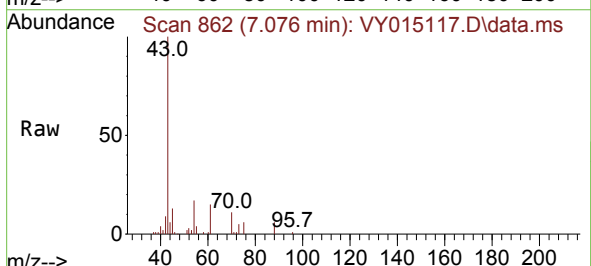
Tgt Ion: 43 Resp: 30528

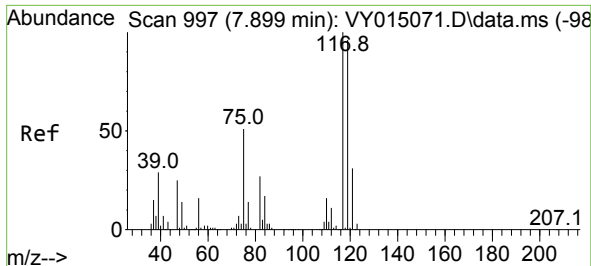
Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

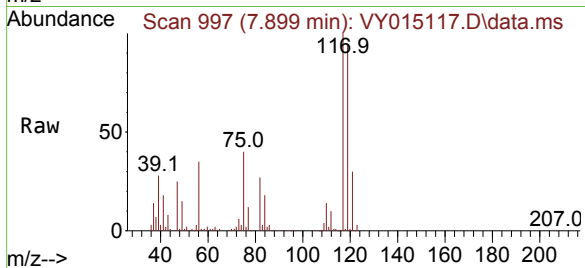
70 10.2 7.1 10.7



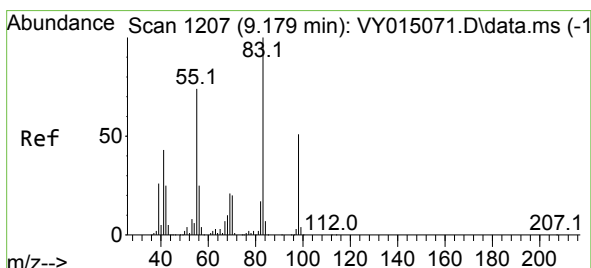
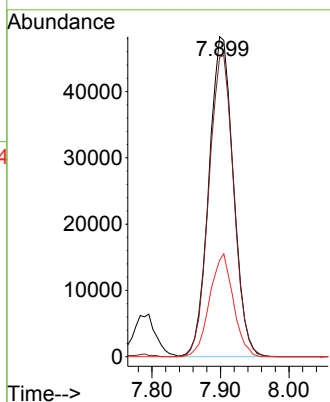
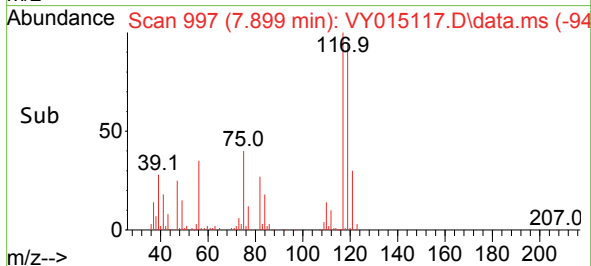


#38
Carbon Tetrachloride
Concen: 54.241 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
MSVOA_Y
ClientSampleId :

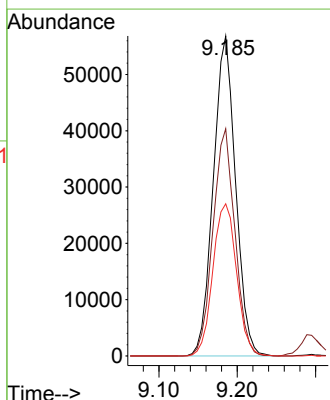
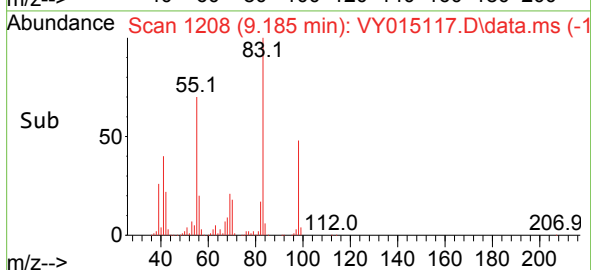
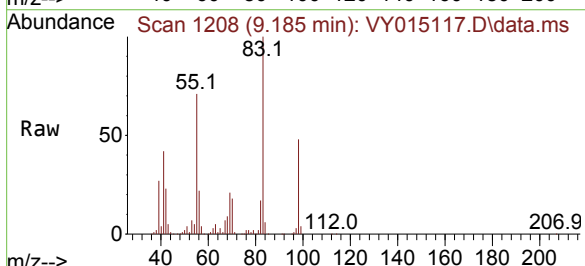


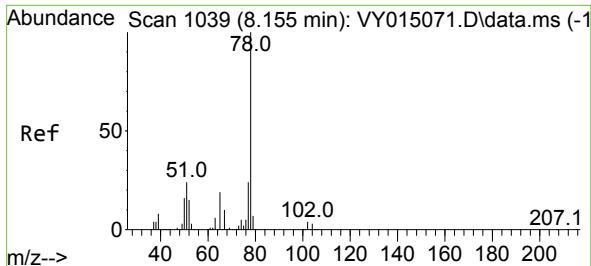
Tgt Ion:117 Resp: 119969
Ion Ratio Lower Upper
117 100
119 93.6 76.4 114.6
121 30.2 25.8 38.6



#39
Methylcyclohexane
Concen: 53.604 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

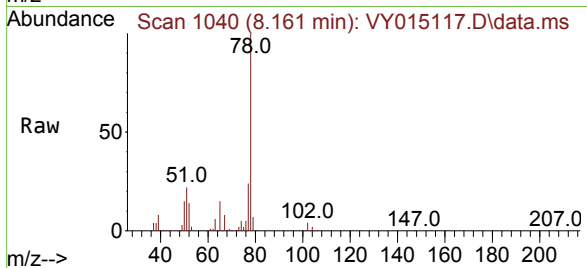
Tgt Ion: 83 Resp: 112304
Ion Ratio Lower Upper
83 100
55 71.0 63.0 94.4
98 47.5 37.4 56.2



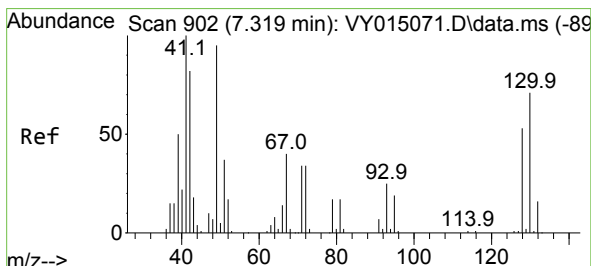
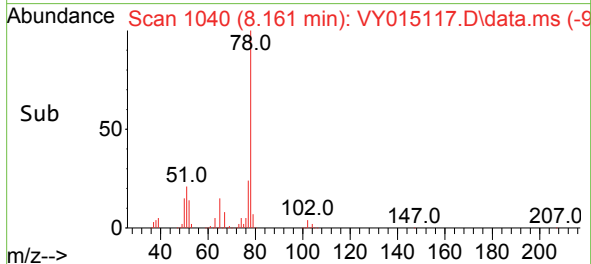
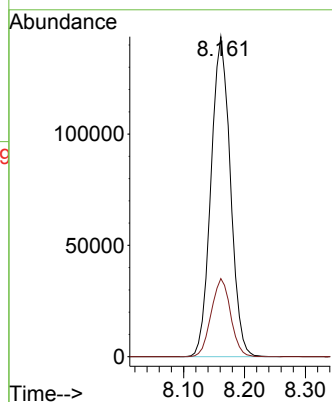


#40
Benzene
Concen: 56.183 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Instrument :
MSVOA_Y
ClientSampleId :

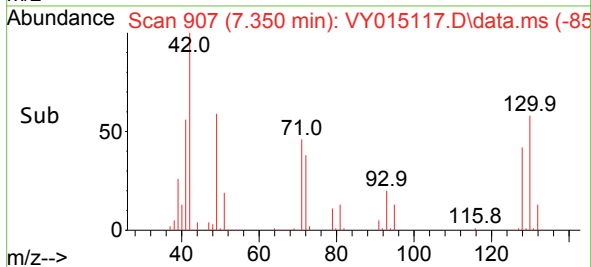
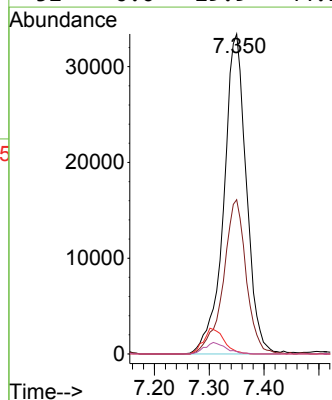
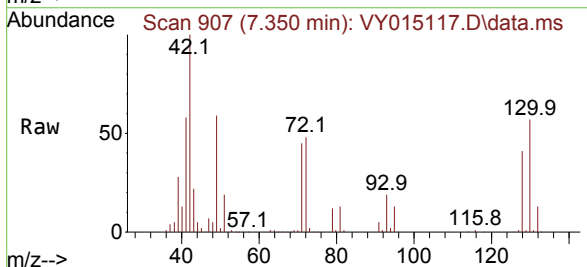


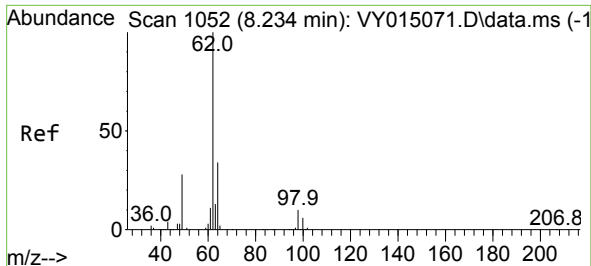
Tgt Ion: 78 Resp: 317449
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



#41
Methacrylonitrile
Concen: 106.403 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 41 Resp: 95578
Ion Ratio Lower Upper
41 100
39 48.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 57.800 ug/l

RT: 8.234 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

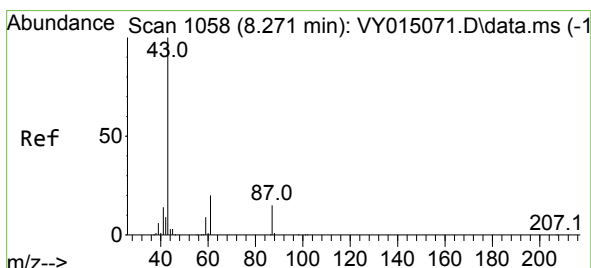
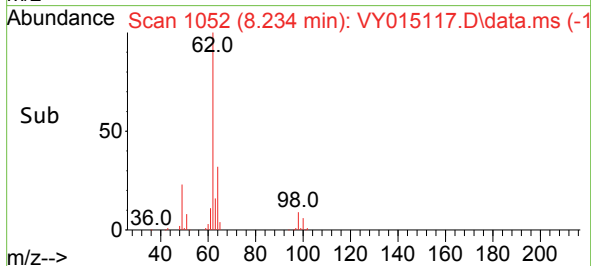
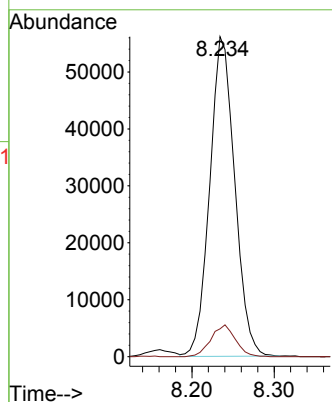
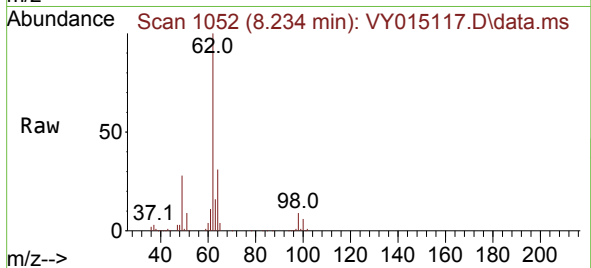
ClientSampleId :

Tgt Ion: 62 Resp: 118606

Ion Ratio Lower Upper

62 100

98 9.8 0.0 15.8



#43

Isopropyl Acetate

Concen: 30.592 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

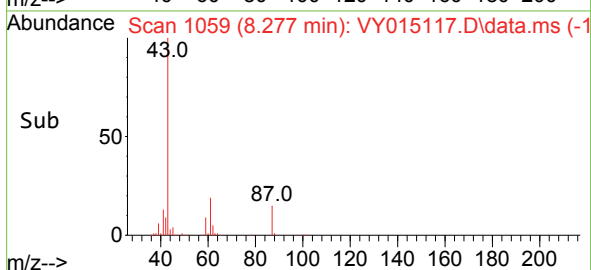
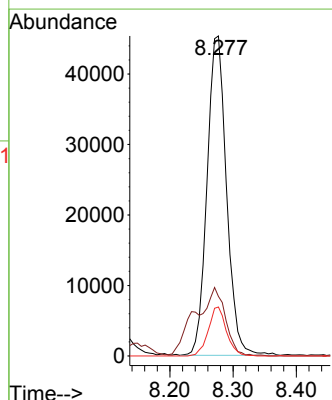
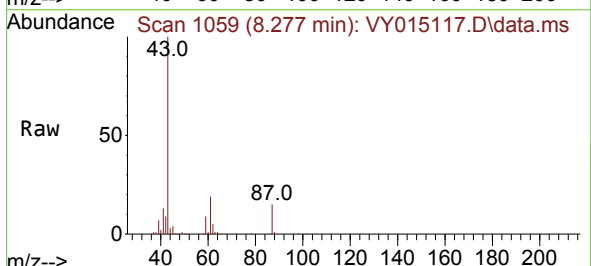
Tgt Ion: 43 Resp: 97047

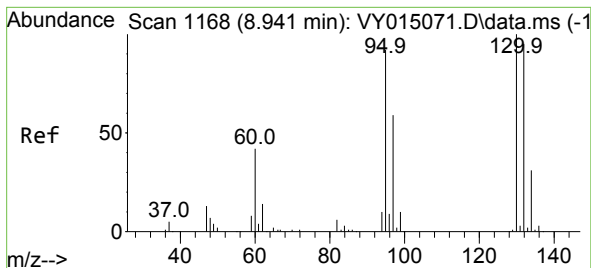
Ion Ratio Lower Upper

43 100

61 19.8 21.1 31.7#

87 14.3 9.8 14.8





#44

Trichloroethene

Concen: 70.492 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

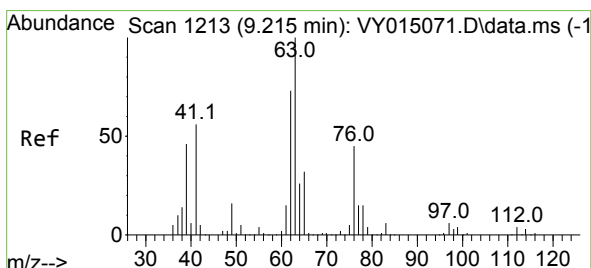
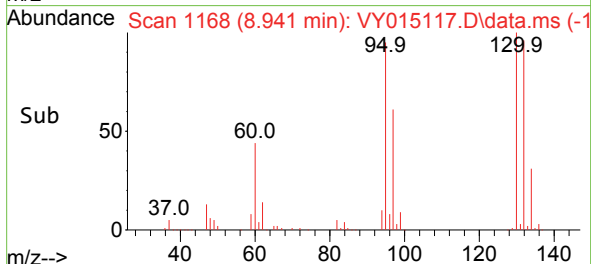
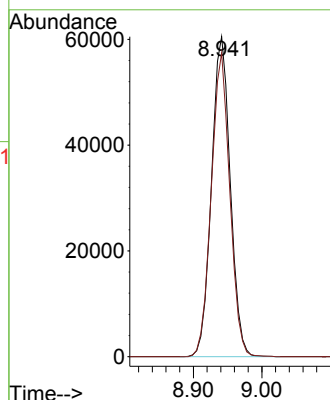
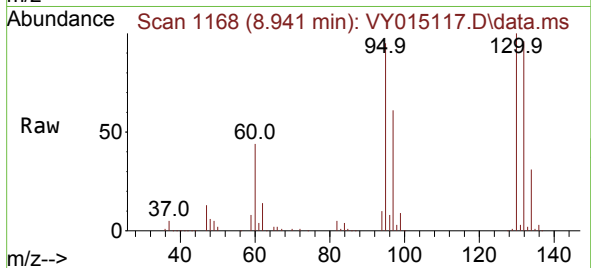
ClientSampleId :

Tgt Ion:130 Resp: 114747

Ion Ratio Lower Upper

130 100

95 94.9 0.0 196.0



#45

1,2-Dichloropropane

Concen: 55.522 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015117.D

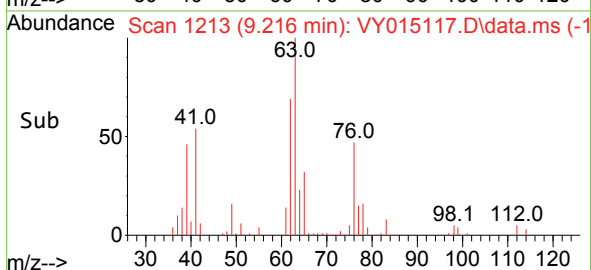
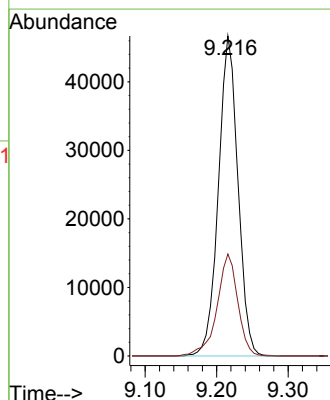
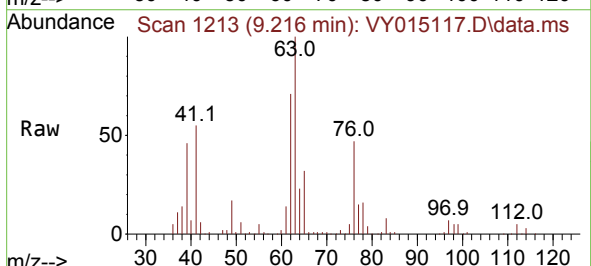
Acq: 15 Aug 2023 20:38

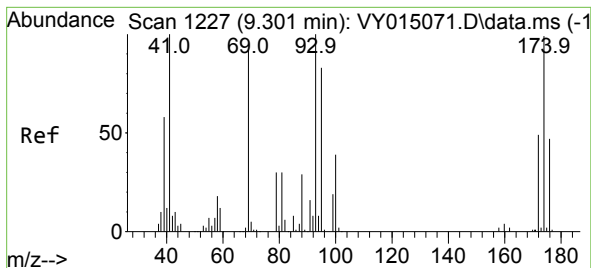
Tgt Ion: 63 Resp: 88462

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6





#46

Dibromomethane

Concen: 60.546 ug/l

RT: 9.307 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

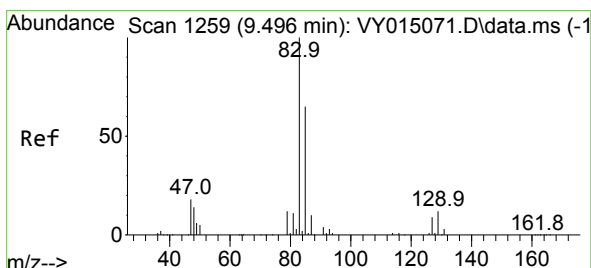
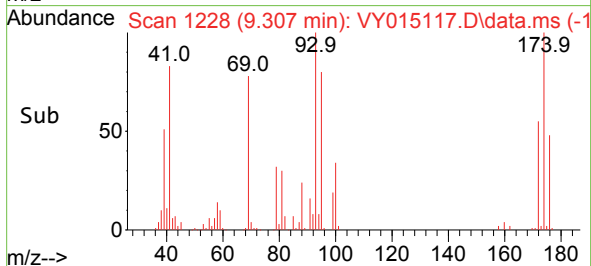
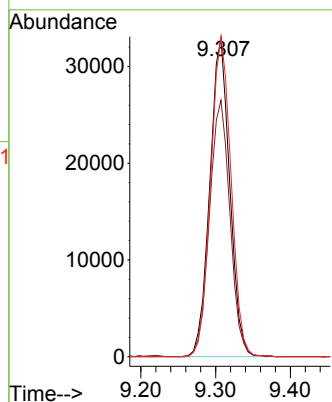
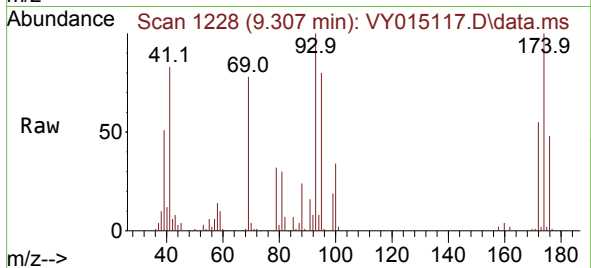
Tgt Ion: 93 Resp: 60842

Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 102.9 84.8 127.2



#47

Bromodichloromethane

Concen: 57.674 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

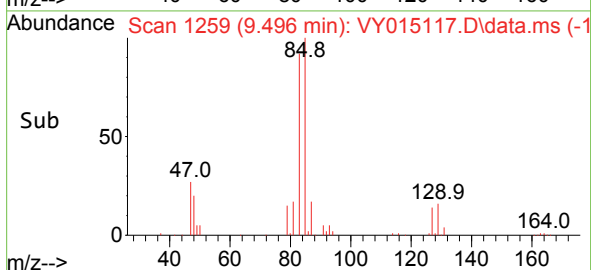
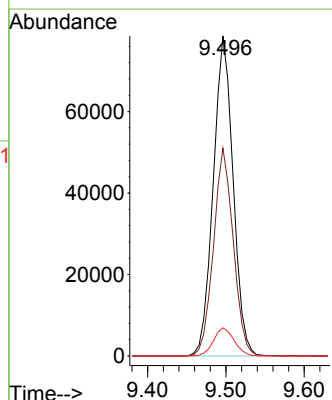
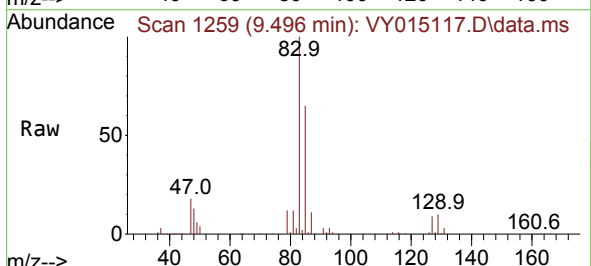
Tgt Ion: 83 Resp: 138299

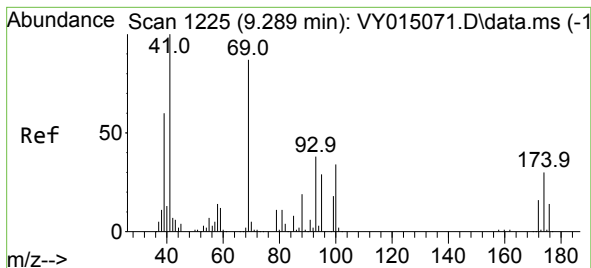
Ion Ratio Lower Upper

83 100

85 64.9 50.1 75.1

127 8.8 7.1 10.7





#48

Methyl methacrylate

Concen: 72.181 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

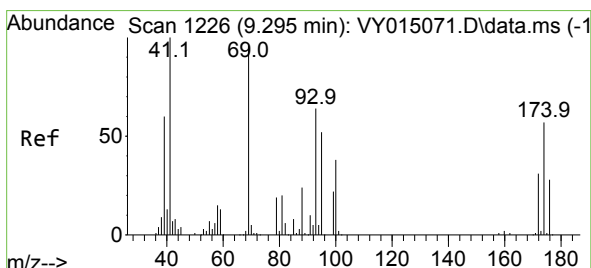
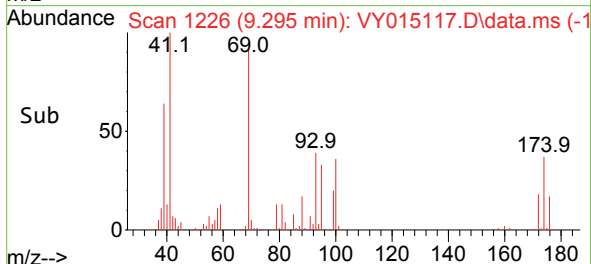
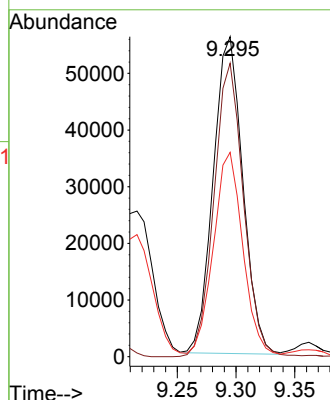
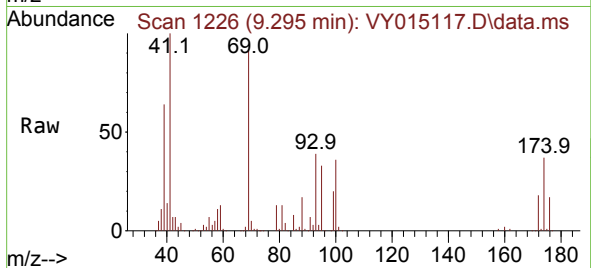
Tgt Ion: 41 Resp: 97952

Ion Ratio Lower Upper

41 100

69 92.6 64.5 96.7

39 64.3 50.8 76.2



#49

1,4-Dioxane

Concen: 1192.922 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

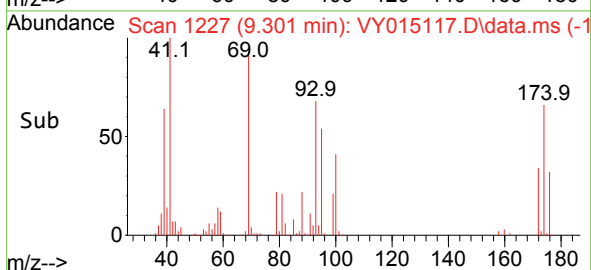
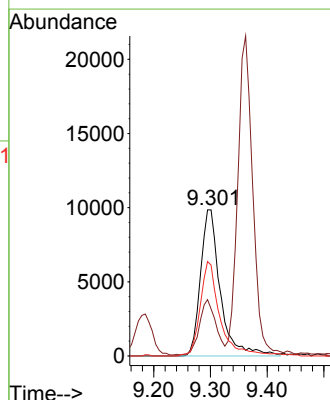
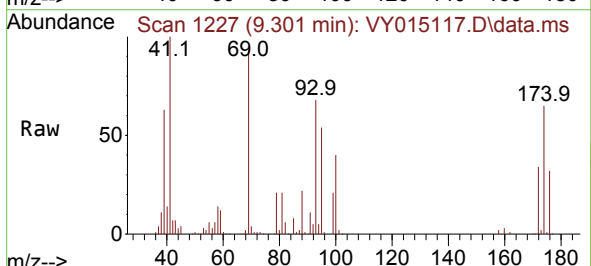
Tgt Ion: 88 Resp: 23971

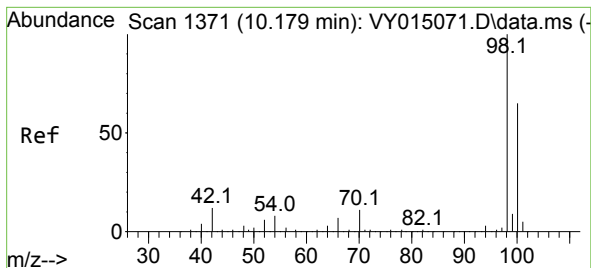
Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 64.9 30.9 46.3#





#50

Toluene-d8

Concen: 58.987 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

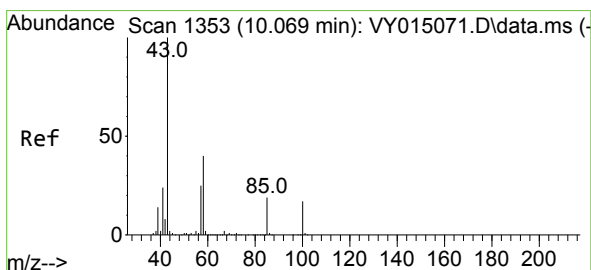
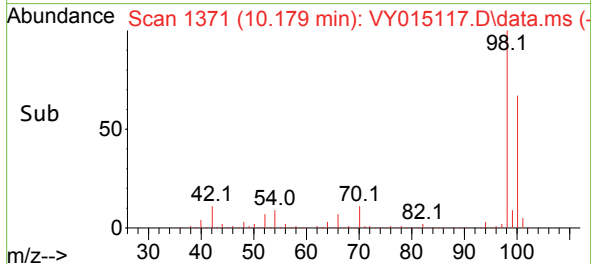
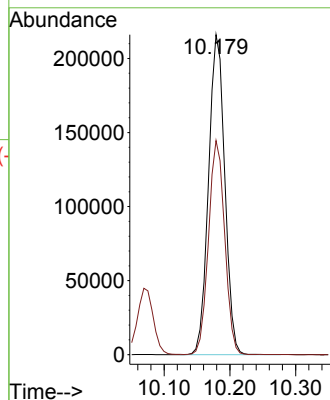
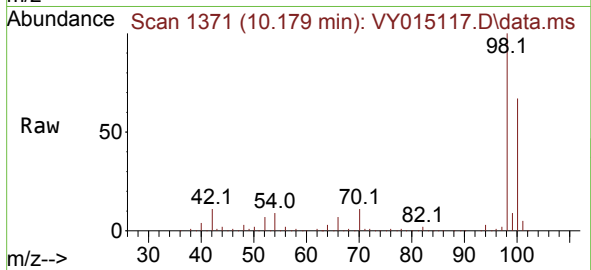
ClientSampleId :

Tgt Ion: 98 Resp: 370935

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 234.784 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015117.D

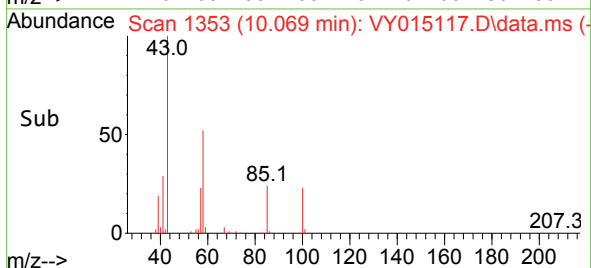
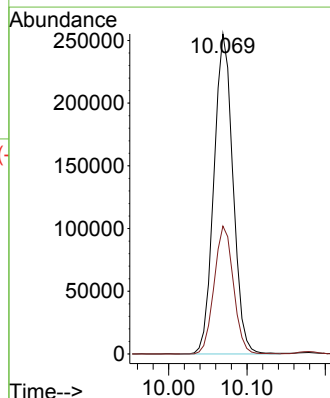
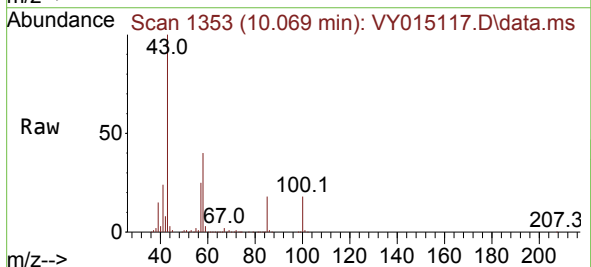
Acq: 15 Aug 2023 20:38

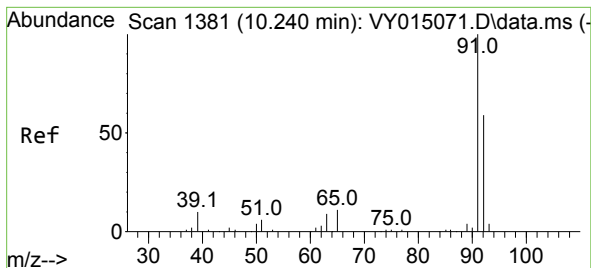
Tgt Ion: 43 Resp: 431658

Ion Ratio Lower Upper

43 100

58 40.4 29.0 43.6





#52

Toluene

Concen: 56.285 ug/l

RT: 10.246 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

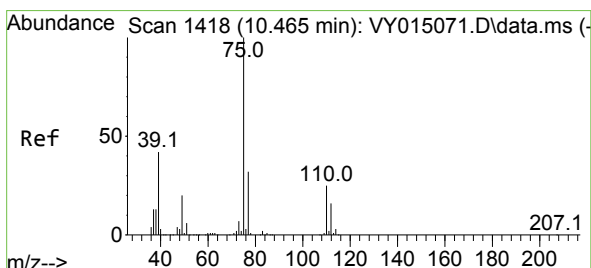
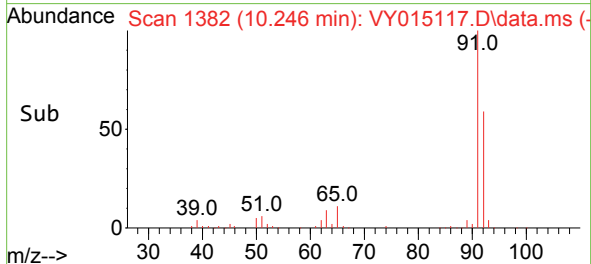
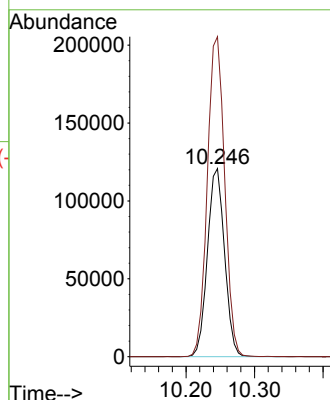
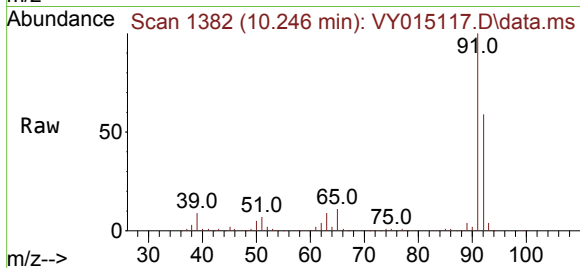
ClientSampleId :

Tgt Ion: 92 Resp: 209614

Ion Ratio Lower Upper

92 100

91 172.4 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 30.642 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY015117.D

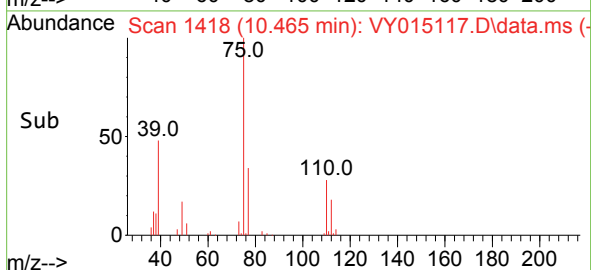
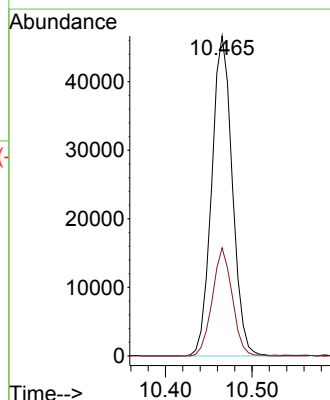
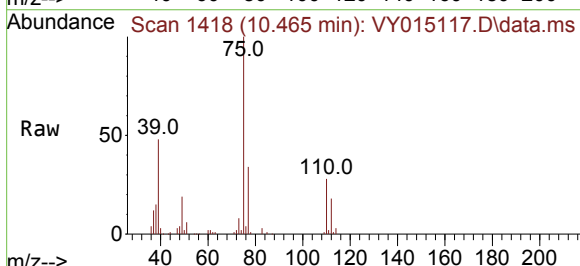
Acq: 15 Aug 2023 20:38

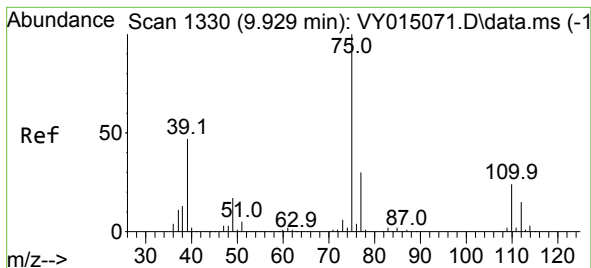
Tgt Ion: 75 Resp: 77221

Ion Ratio Lower Upper

75 100

77 33.8 25.0 37.4





#54

cis-1,3-Dichloropropene

Concen: 32.849 ug/l

RT: 9.929 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

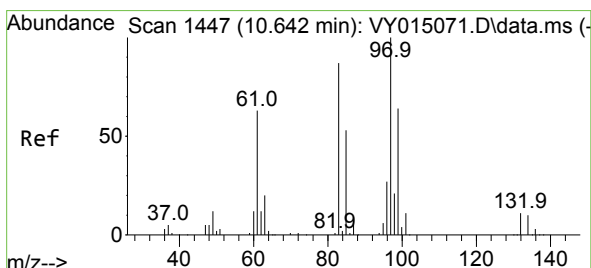
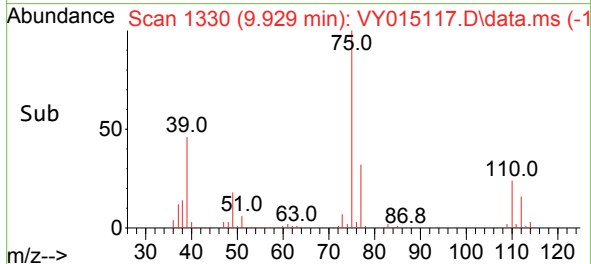
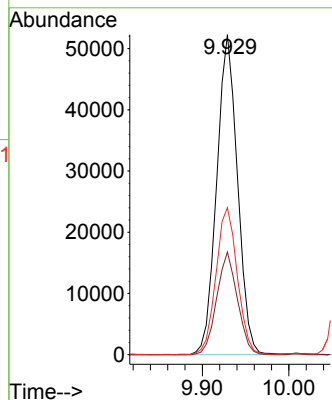
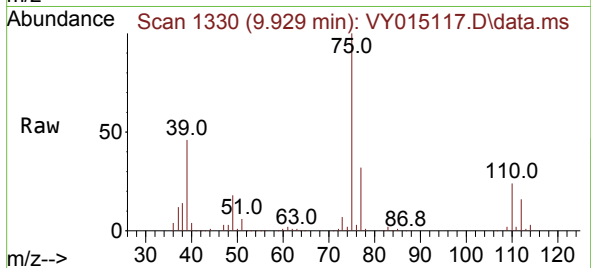
Tgt Ion: 75 Resp: 87182

Ion Ratio Lower Upper

75 100

77 32.1 24.2 36.4

39 45.8 42.2 63.4



#55

1,1,2-Trichloroethane

Concen: 57.604 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Tgt Ion: 97 Resp: 88016

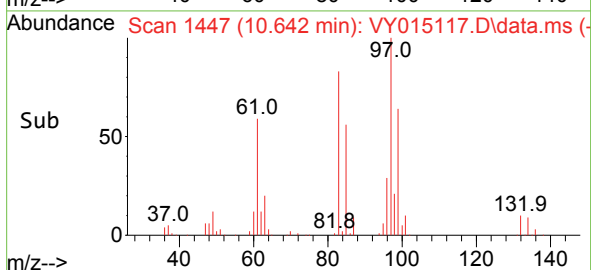
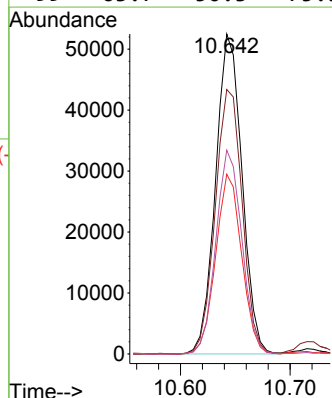
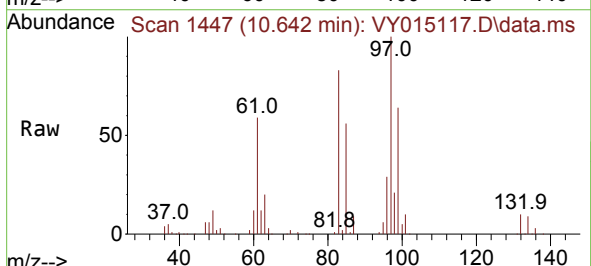
Ion Ratio Lower Upper

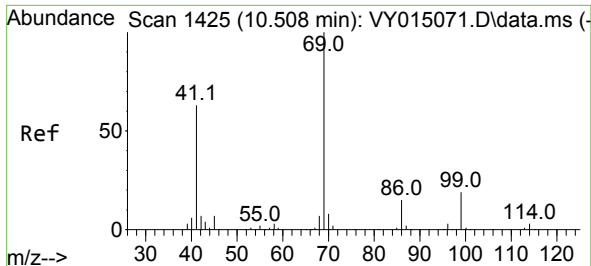
97 100

83 82.7 72.0 108.0

85 56.2 45.4 68.0

99 63.7 50.3 75.5

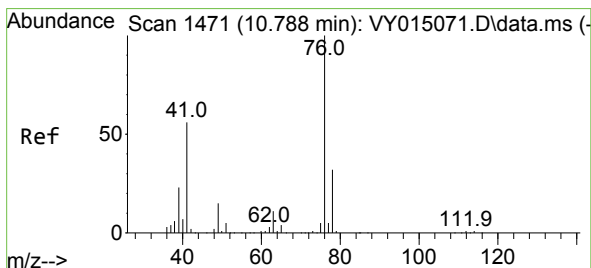
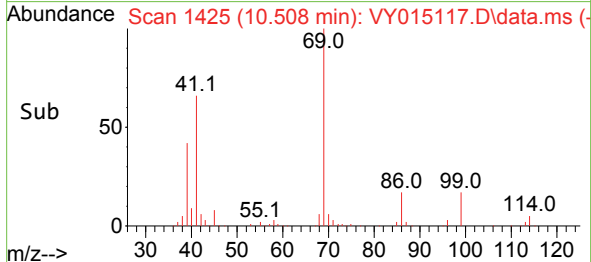
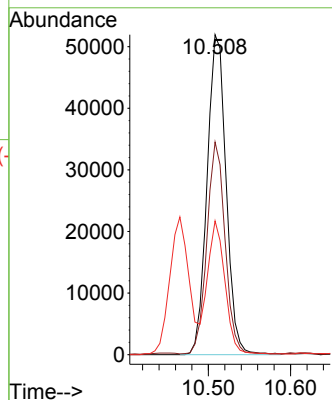
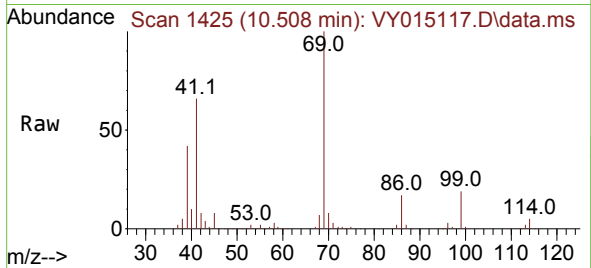




#56
Ethyl methacrylate
Concen: 37.370 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

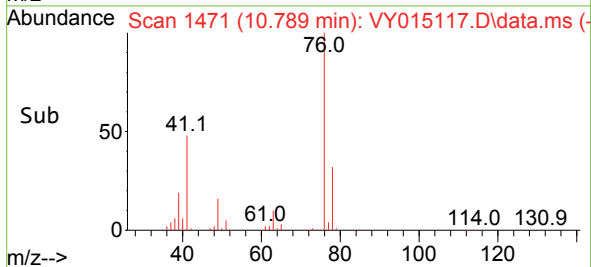
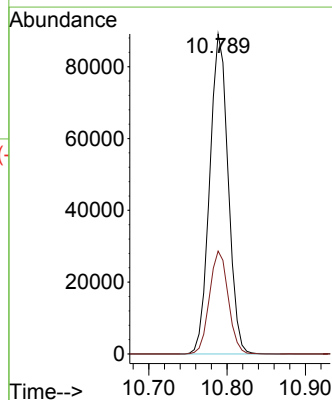
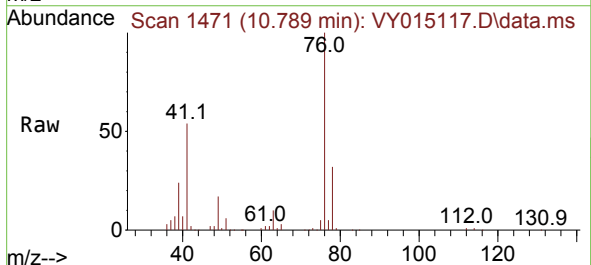
Instrument :
MSVOA_Y
ClientSampleId :

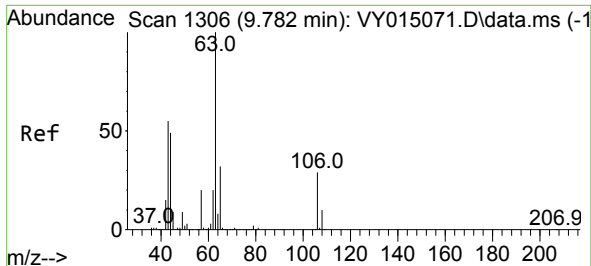
Tgt Ion: 69 Resp: 83565
Ion Ratio Lower Upper
69 100
41 63.1 57.6 86.4
39 37.9 34.1 51.1



#57
1,3-Dichloropropane
Concen: 58.332 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 76 Resp: 145617
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9

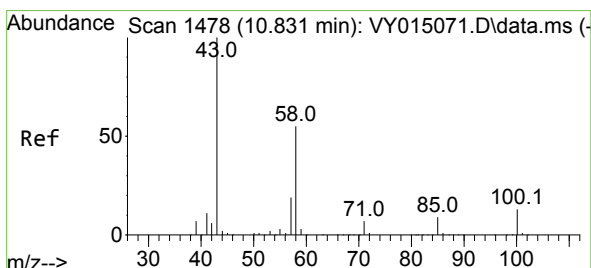
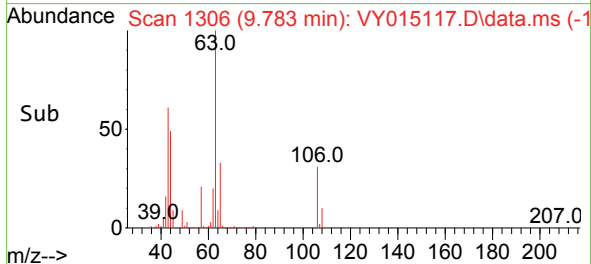
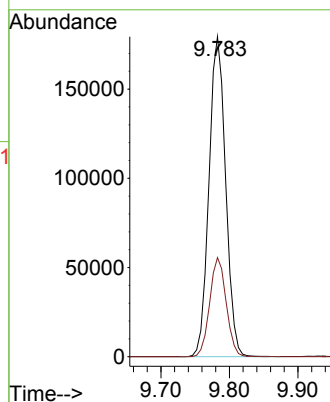
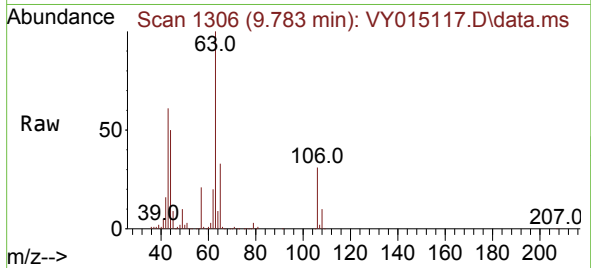




#58
2-Chloroethyl Vinyl ether
Concen: 291.331 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

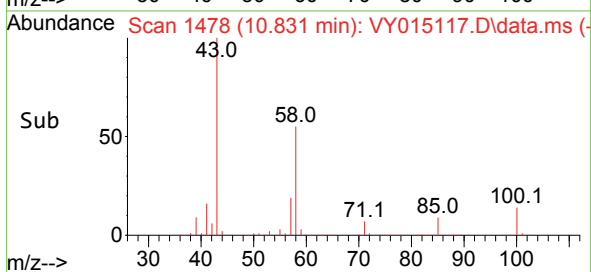
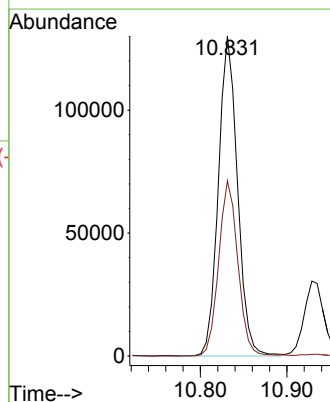
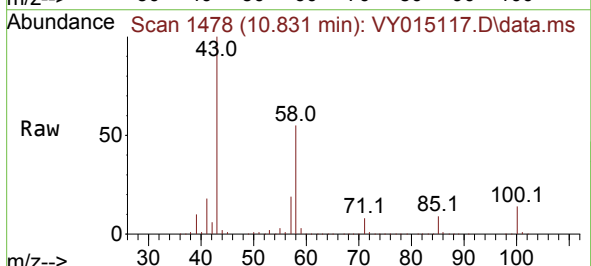
Instrument :
MSVOA_Y
ClientSampleId :

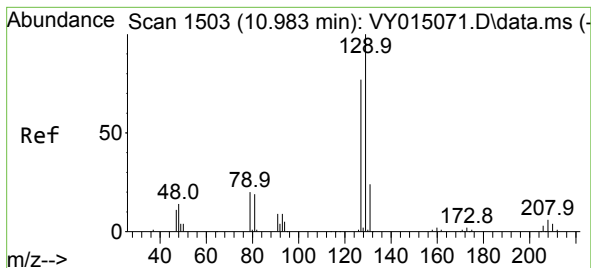
Tgt Ion: 63 Resp: 303173
Ion Ratio Lower Upper
63 100
106 30.6 21.2 31.8



#59
2-Hexanone
Concen: 146.571 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 43 Resp: 199441
Ion Ratio Lower Upper
43 100
58 55.1 25.1 75.3





#60

Dibromochloromethane

Concen: 59.226 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

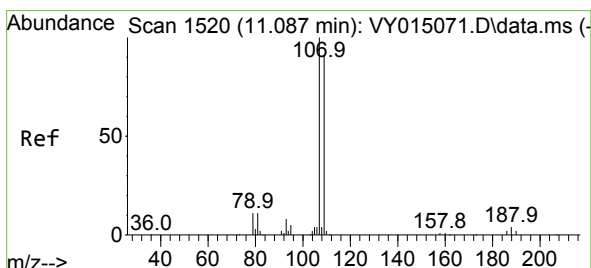
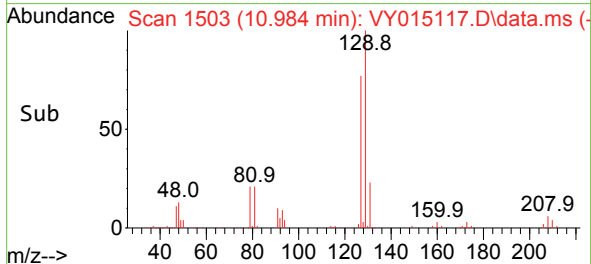
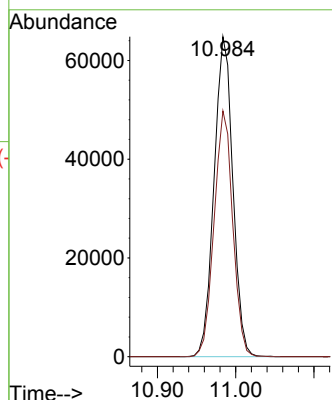
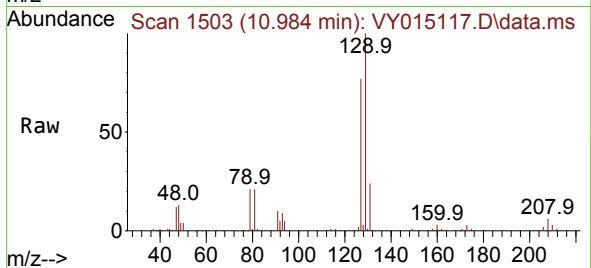
ClientSampleId :

Tgt Ion:129 Resp: 107947

Ion Ratio Lower Upper

129 100

127 76.3 38.5 115.5



#61

1,2-Dibromoethane

Concen: 59.121 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY015117.D

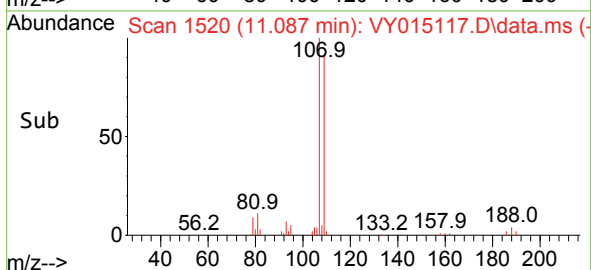
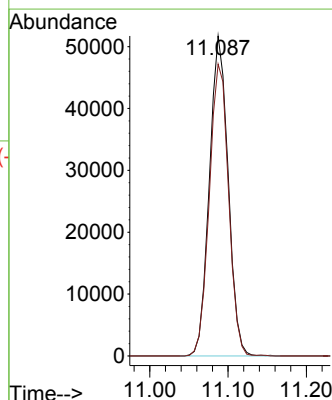
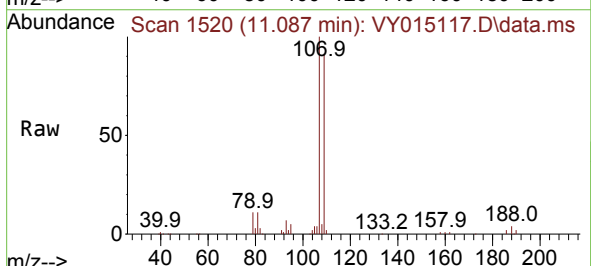
Acq: 15 Aug 2023 20:38

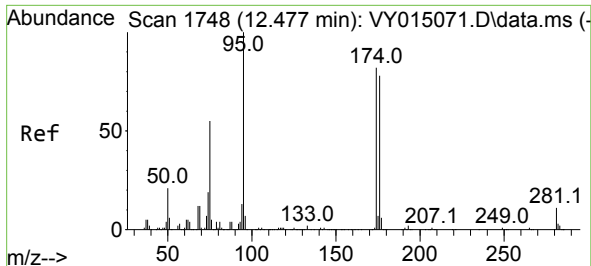
Tgt Ion:107 Resp: 85814

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4

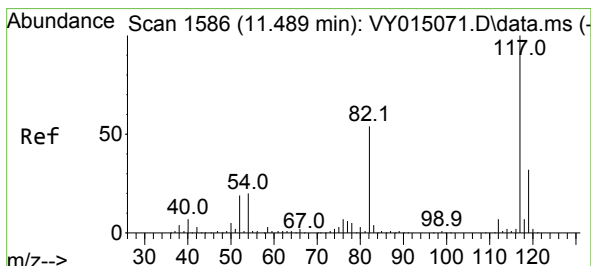
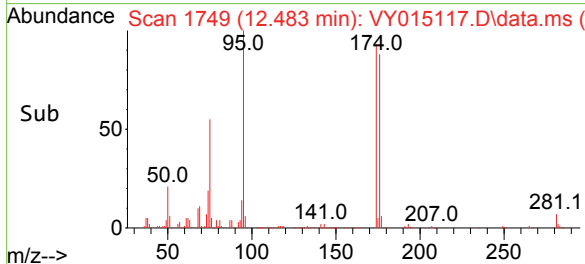
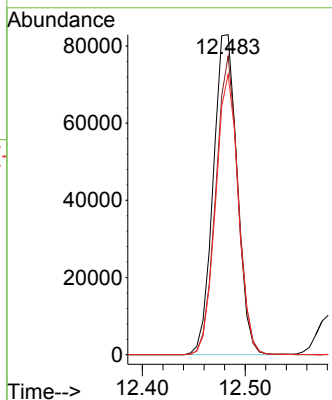
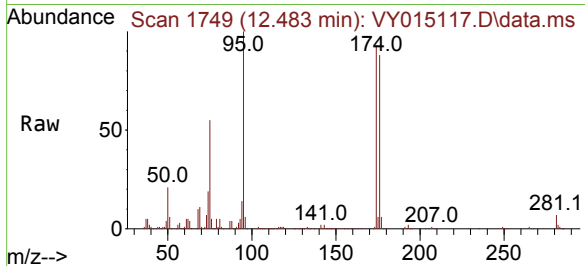




#62
4-Bromofluorobenzene
Concen: 58.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

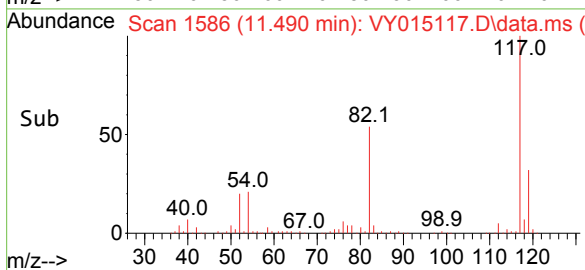
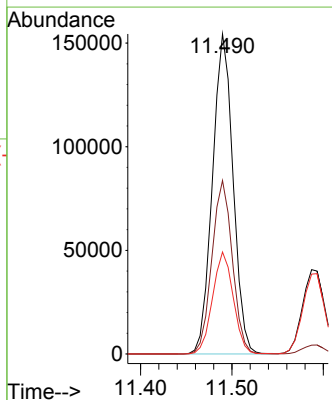
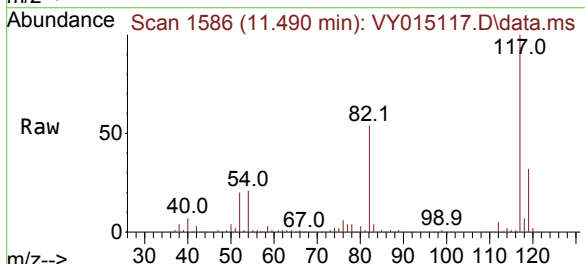
Instrument :
MSVOA_Y
ClientSampleId :

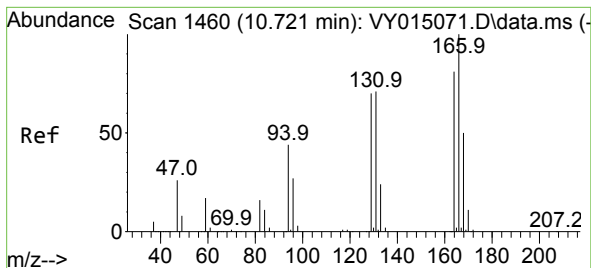
Tgt Ion: 95 Resp: 133556
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 83.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 117 Resp: 242018
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 31.9 26.3 39.5





#64

Tetrachloroethene

Concen: 80.523 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

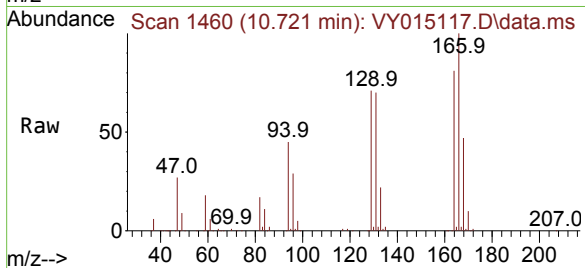
Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 135772

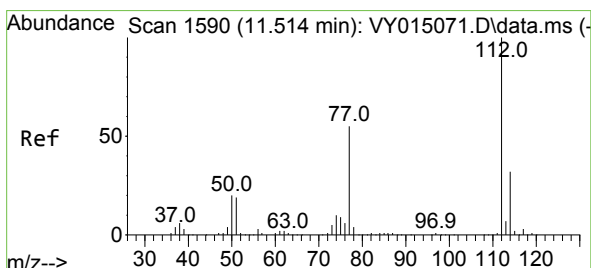
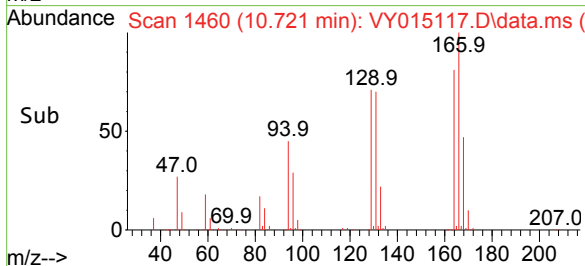
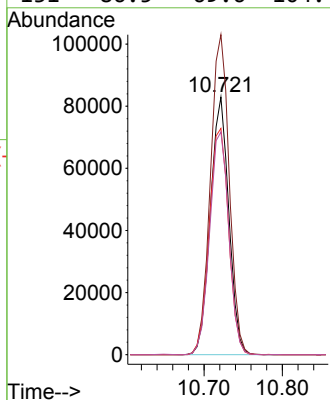
Ion Ratio Lower Upper

164 100

166 124.2 103.0 154.6

129 87.8 77.2 115.8

131 86.5 69.6 104.4



#65

Chlorobenzene

Concen: 55.370 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015117.D

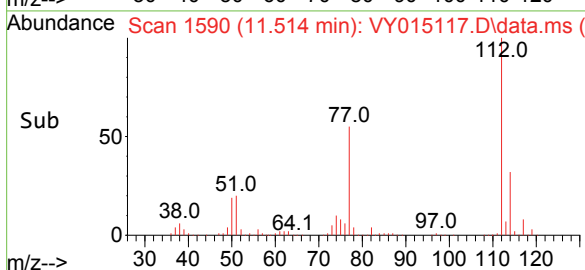
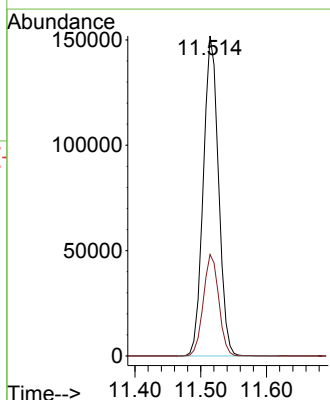
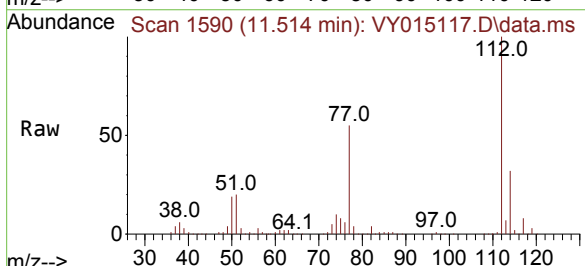
Acq: 15 Aug 2023 20:38

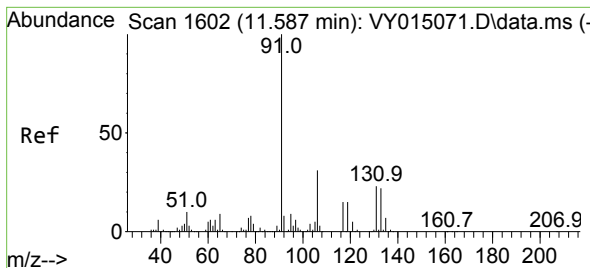
Tgt Ion:112 Resp: 244159

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3

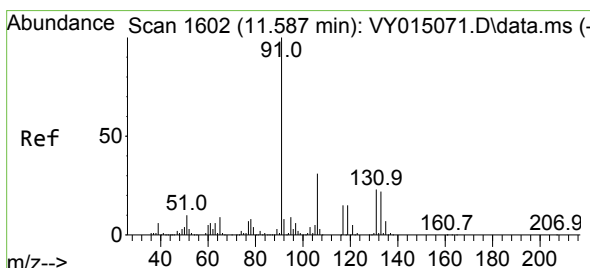
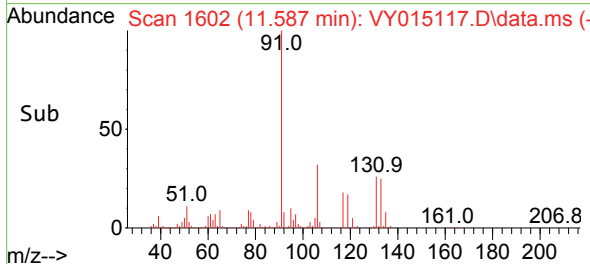
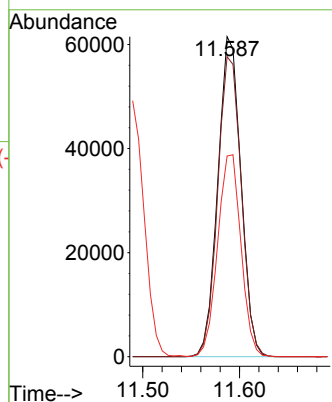
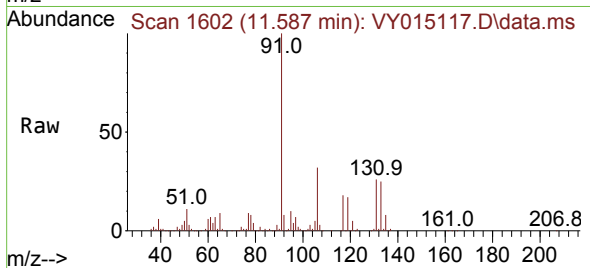




#66
 1,1,1,2-Tetrachloroethane
 Concen: 56.950 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. 0.000 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

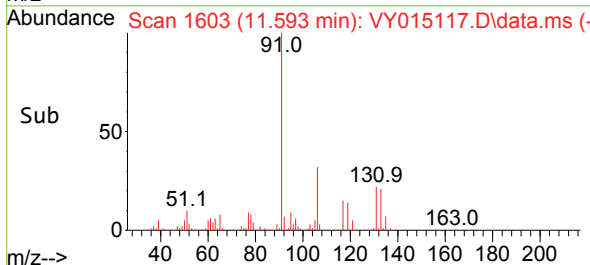
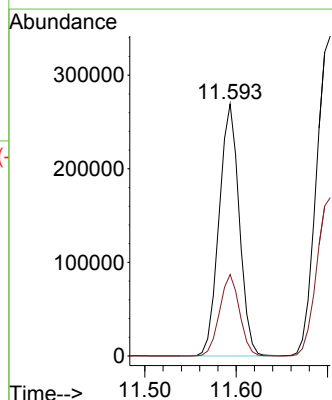
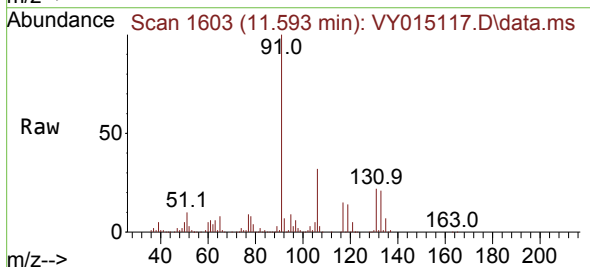
Instrument :
 MSVOA_Y
 ClientSampleId :

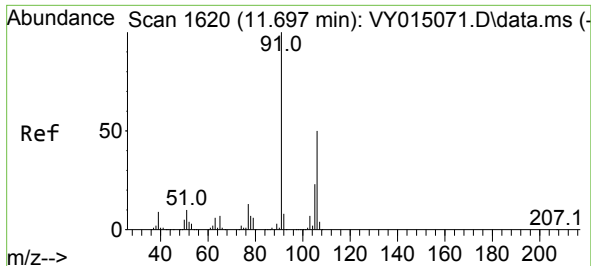
Tgt Ion:131 Resp: 101896
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.5 142.6
 119 63.9 31.6 94.7



#67
 Ethyl Benzene
 Concen: 53.479 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

Tgt Ion: 91 Resp: 413183
 Ion Ratio Lower Upper
 91 100
 106 32.3 24.6 36.8

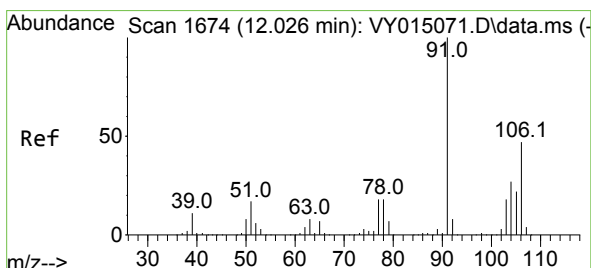
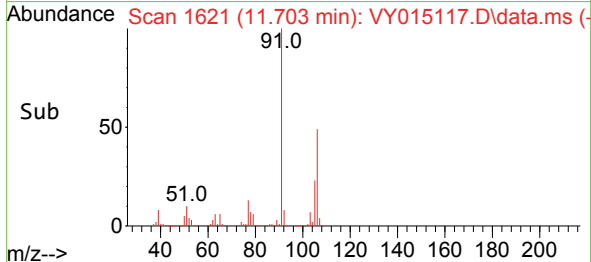
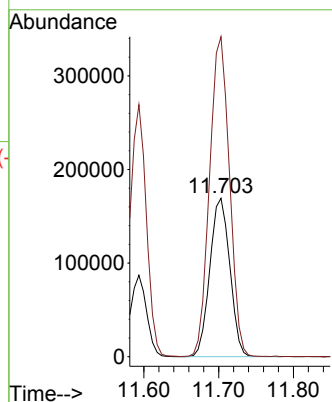
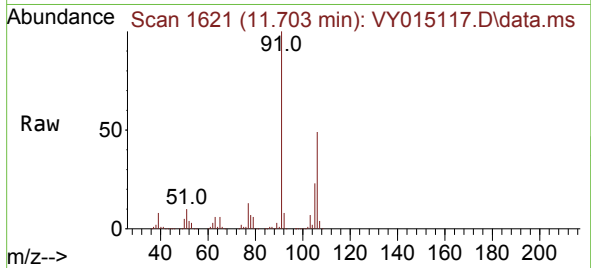




#68
m/p-Xylenes
Concen: 106.981 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

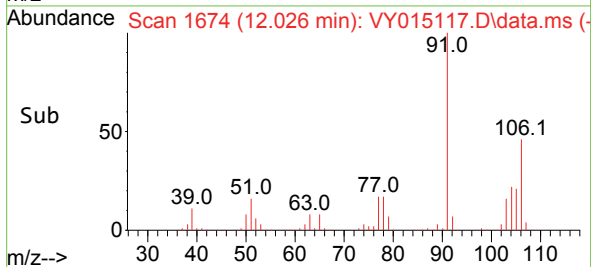
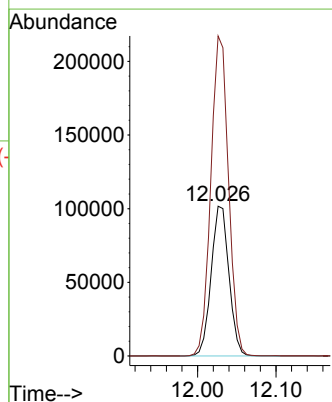
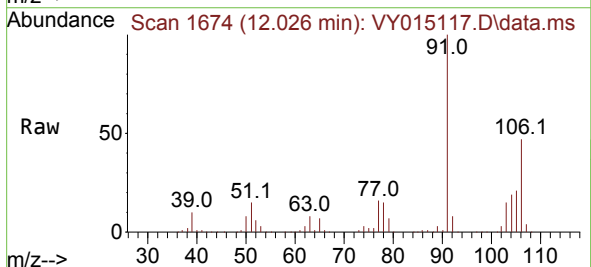
Instrument :
MSVOA_Y
ClientSampleId :

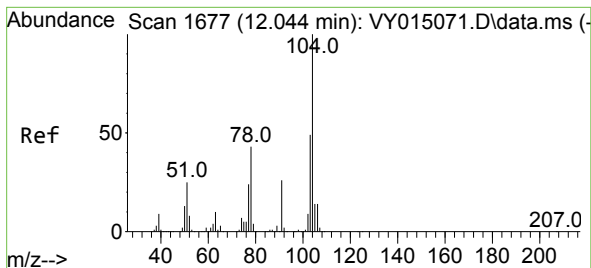
Tgt Ion:106 Resp: 313921
Ion Ratio Lower Upper
106 100
91 201.1 166.1 249.1



#69
o-Xylene
Concen: 54.762 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion:106 Resp: 160080
Ion Ratio Lower Upper
106 100
91 212.4 108.1 324.3





#70

Styrene

Concen: 53.118 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

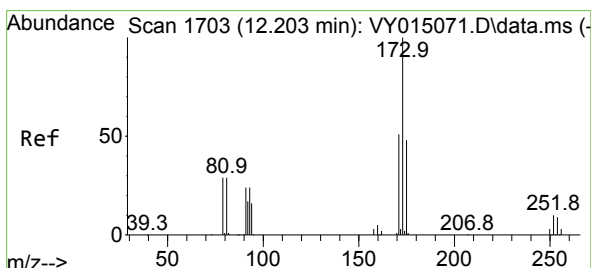
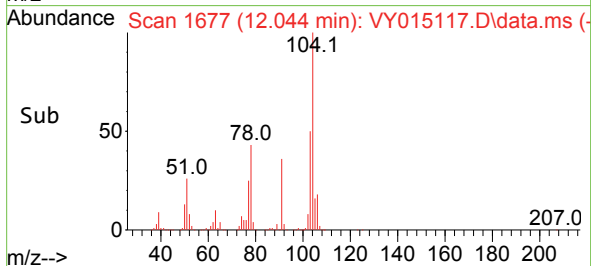
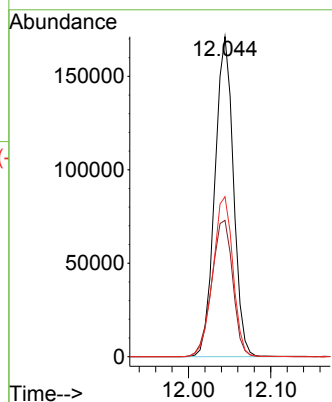
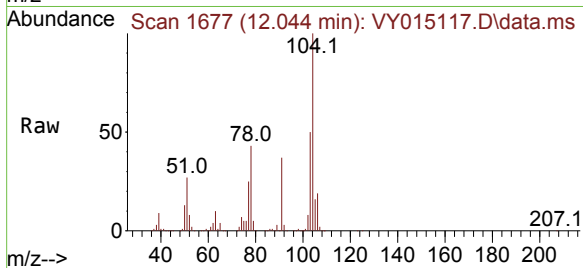
Tgt Ion:104 Resp: 268739

Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 54.2 44.6 67.0



#71

Bromoform

Concen: 58.910 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

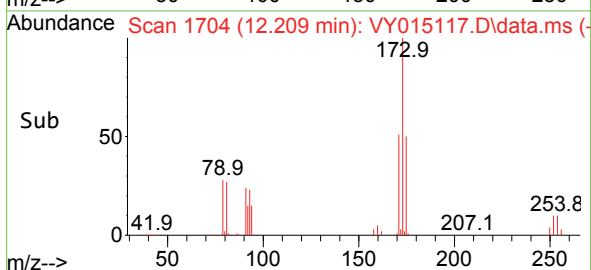
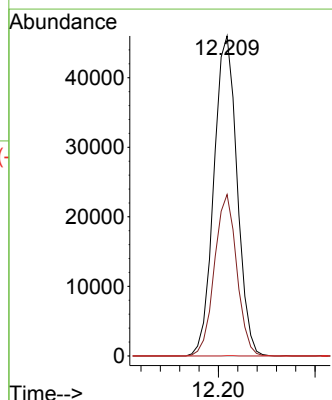
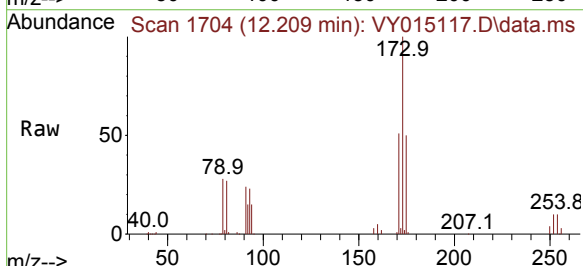
Tgt Ion:173 Resp: 76408

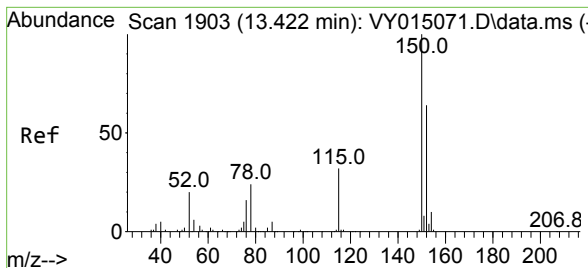
Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#

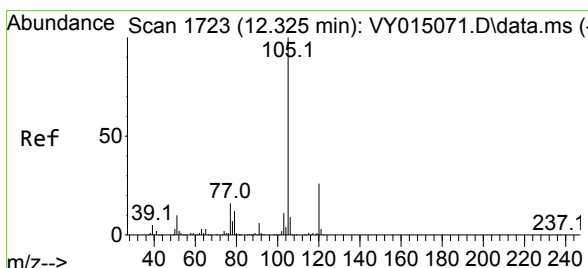
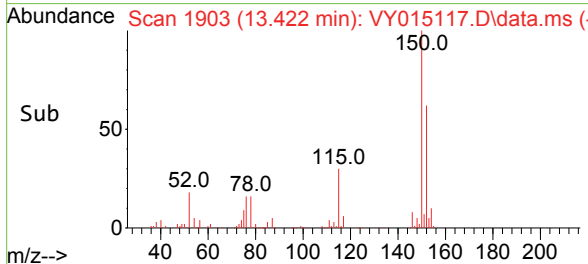
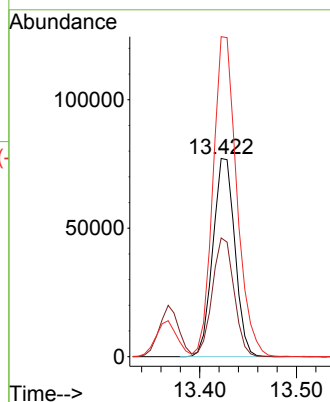
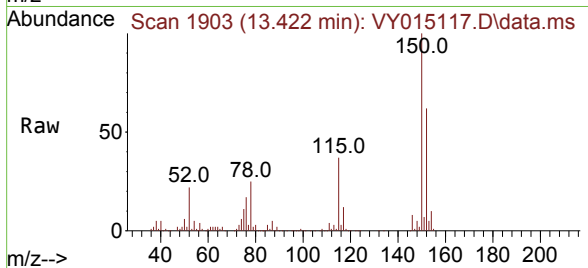




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

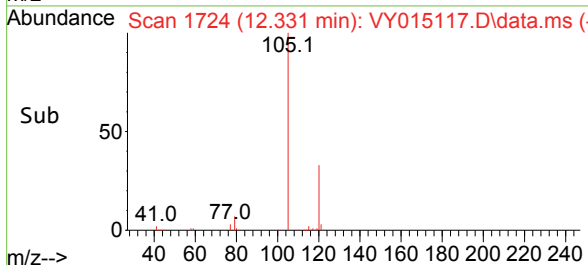
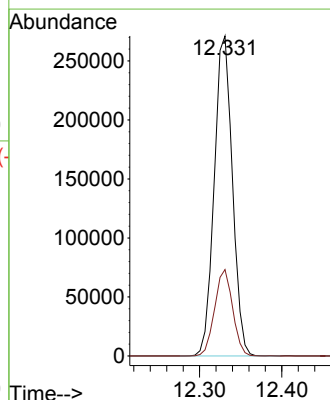
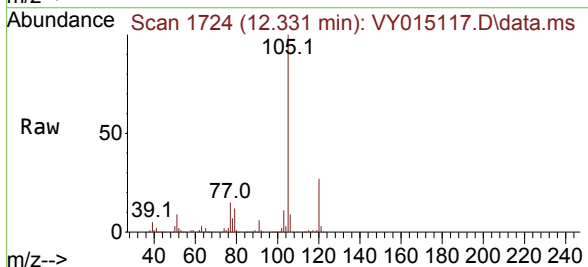
Instrument :
 MSVOA_Y
 ClientSampleId :

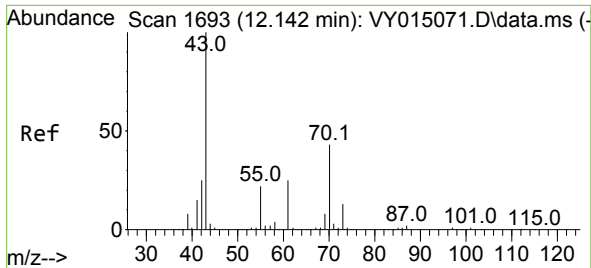
Tgt Ion:152 Resp: 121968
 Ion Ratio Lower Upper
 152 100
 115 59.3 28.8 86.5
 150 174.6 0.0 348.8



#73
 Isopropylbenzene
 Concen: 53.057 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

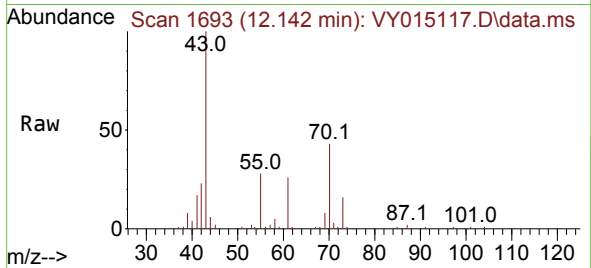
Tgt Ion:105 Resp: 416120
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.3 39.9



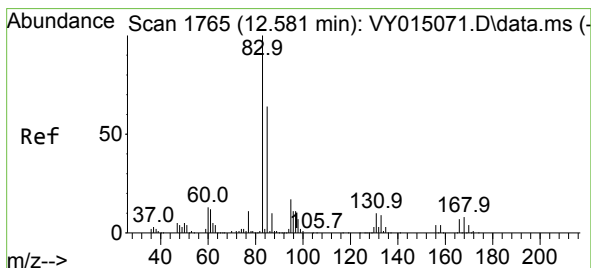
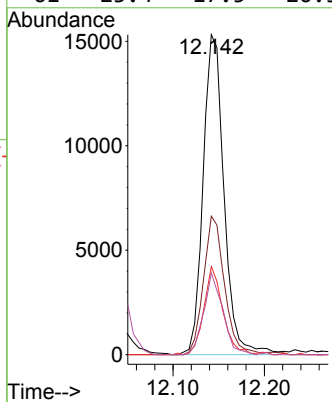
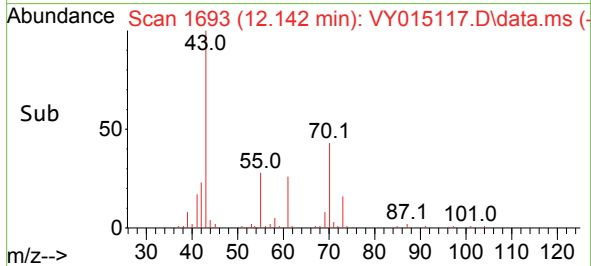


#74
N-amy1 acetate
Concen: 8.576 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

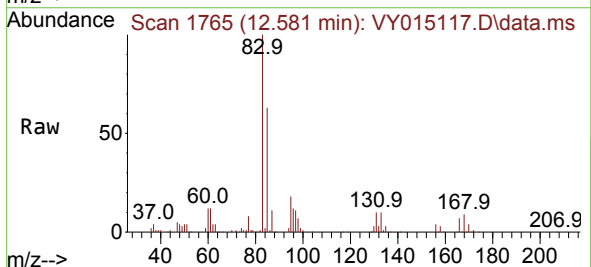
Instrument :
MSVOA_Y
ClientSampleId :



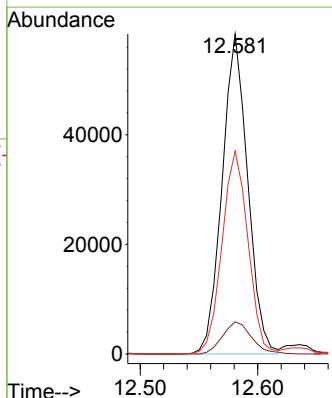
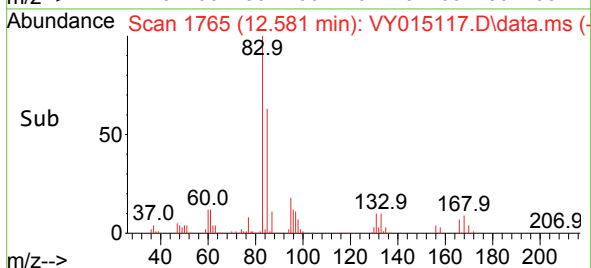
Tgt Ion:	43	Resp:	24286
Ion Ratio	Lower	Upper	
43	100		
70	43.4	29.7	44.5
55	25.1	18.3	27.5
61	23.4	17.5	26.3

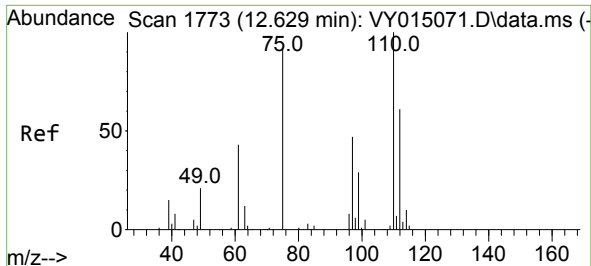


#75
1,1,2,2-Tetrachloroethane
Concen: 43.248 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38



Tgt Ion:	83	Resp:	88340
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	64.4	31.8	95.4

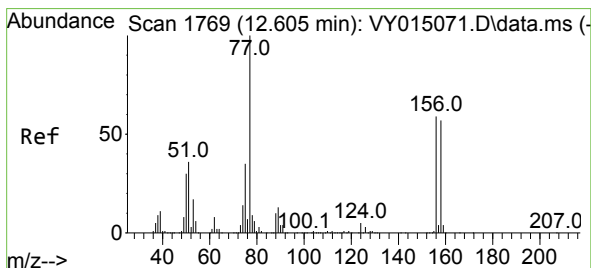
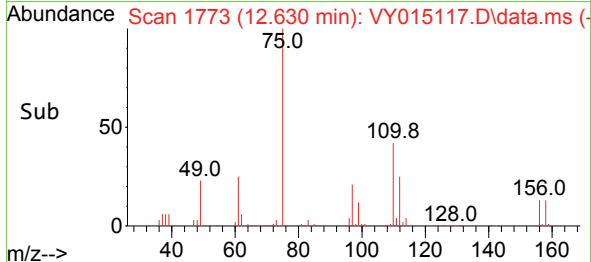
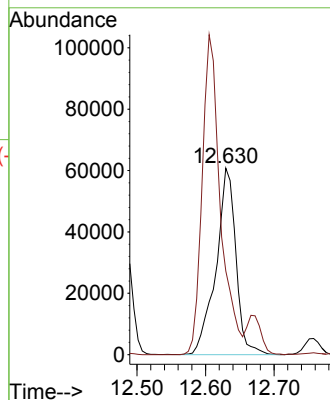
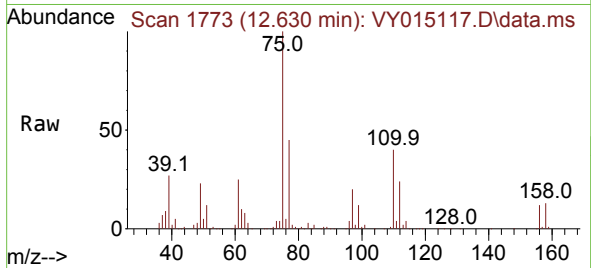




#76
1,2,3-Trichloropropane
Concen: 82.803 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

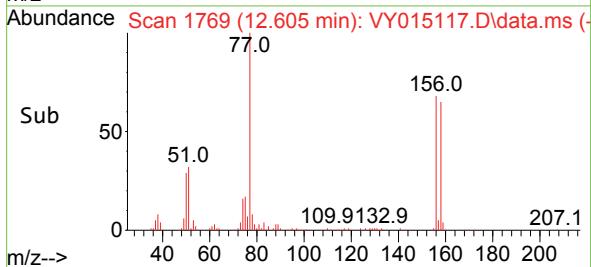
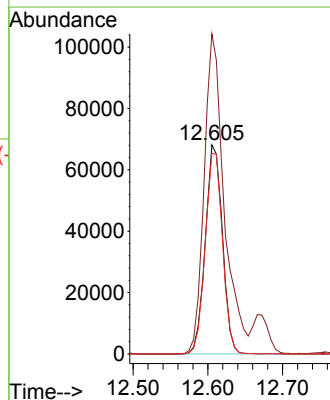
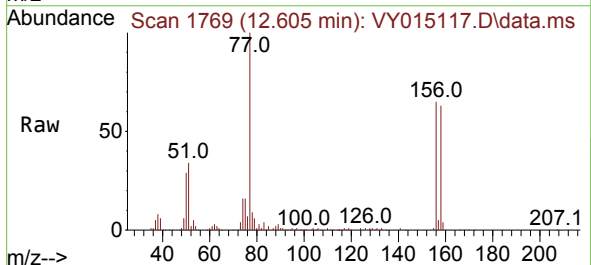
Instrument :
MSVOA_Y
ClientSampleId :

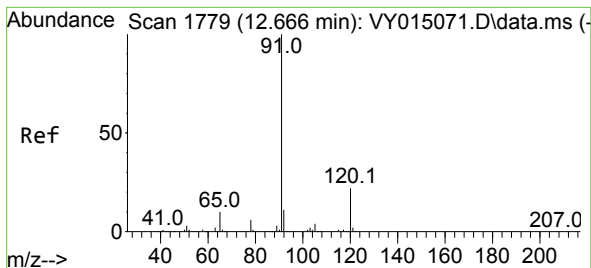
Tgt Ion: 75 Resp: 122699
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 56.751 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion: 156 Resp: 108493
Ion Ratio Lower Upper
156 100
77 179.0 92.8 278.6
158 97.0 48.4 145.3





#78

n-propylbenzene

Concen: 51.516 ug/l

RT: 12.672 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

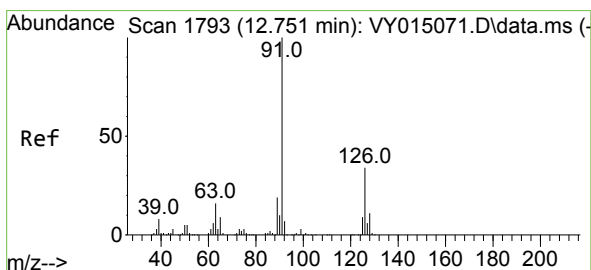
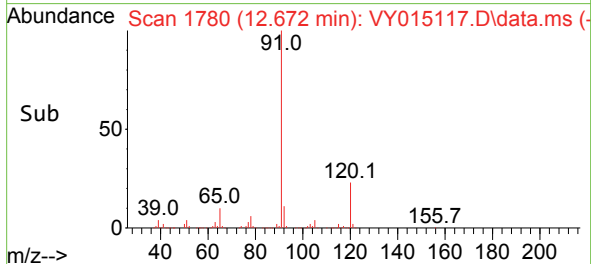
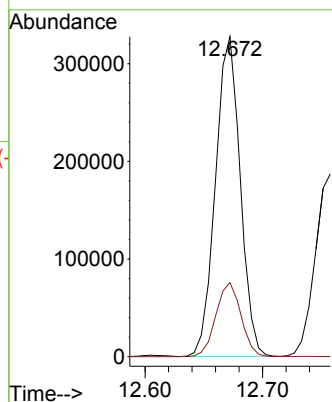
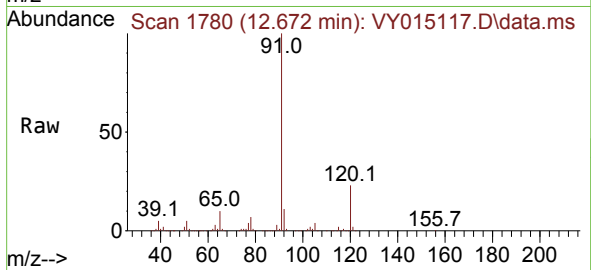
ClientSampleId :

Tgt Ion: 91 Resp: 479793

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 53.841 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015117.D

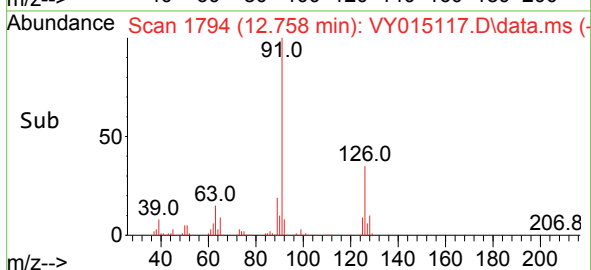
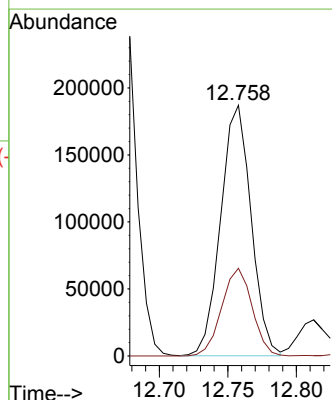
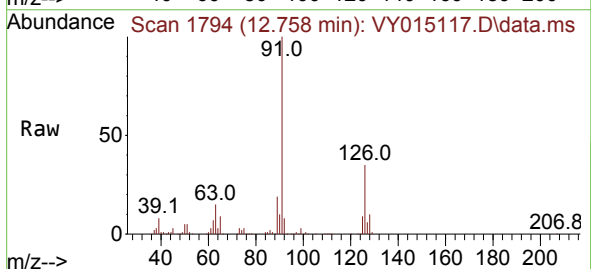
Acq: 15 Aug 2023 20:38

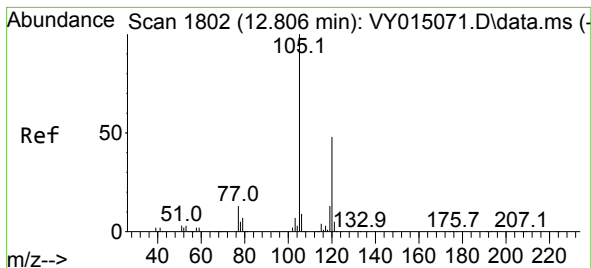
Tgt Ion: 91 Resp: 289274

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 53.255 ug/l

RT: 12.813 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

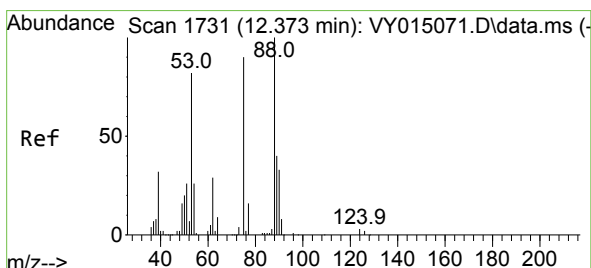
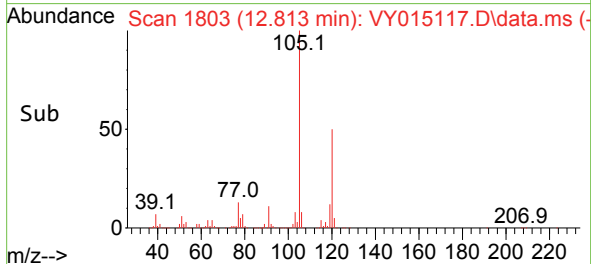
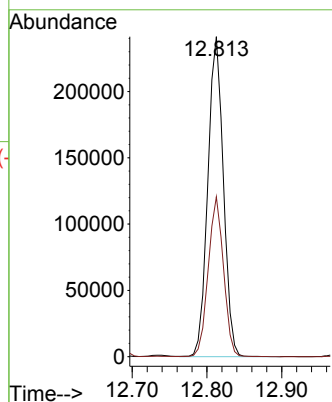
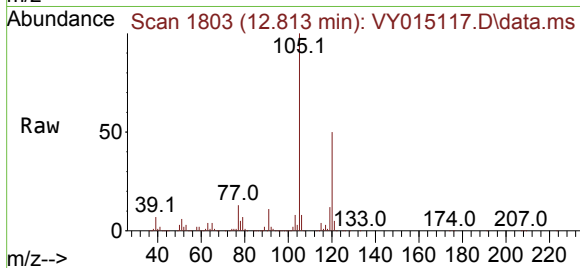
ClientSampleId :

Tgt Ion:105 Resp: 348165

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 13.714 ug/l

RT: 12.380 min Scan# 1732

Delta R.T. 0.006 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

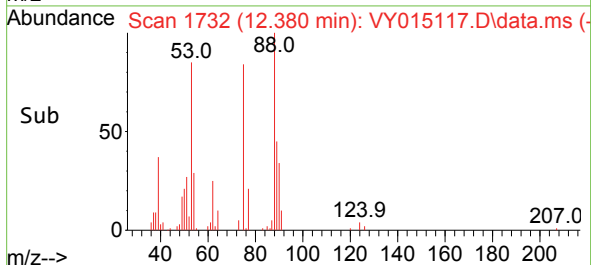
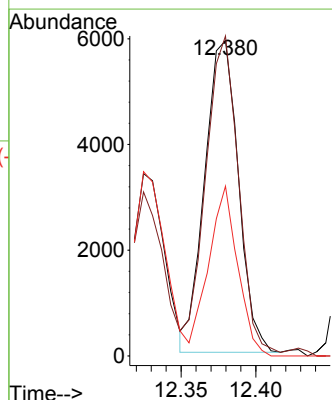
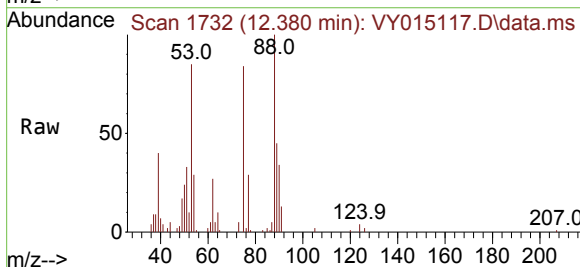
Tgt Ion: 75 Resp: 9252

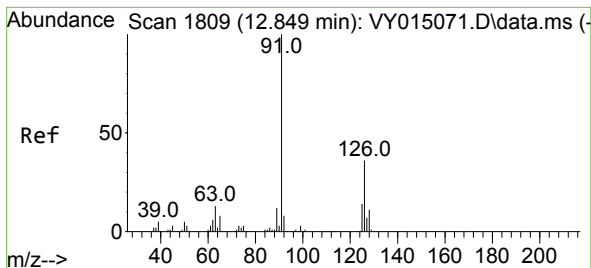
Ion Ratio Lower Upper

75 100

53 98.5 77.8 116.8

89 46.9 37.4 56.0





#82

4-Chlorotoluene

Concen: 53.087 ug/l

RT: 12.855 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

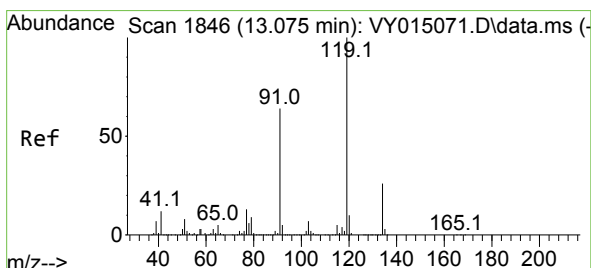
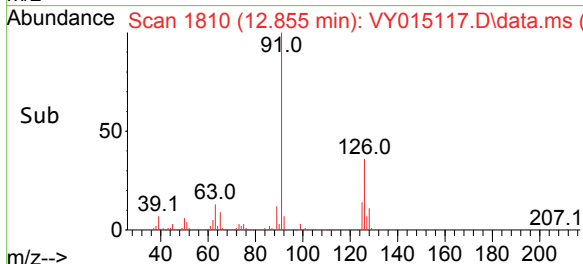
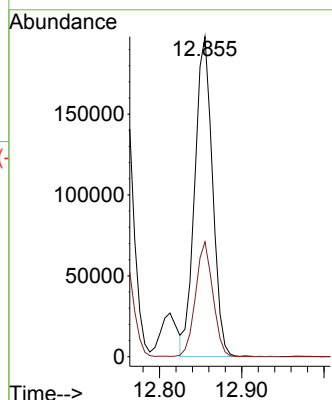
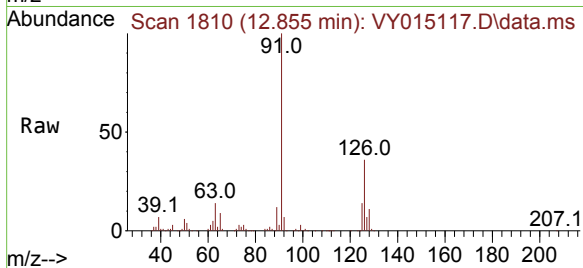
ClientSampleId :

Tgt Ion: 91 Resp: 294671

Ion Ratio Lower Upper

91 100

126 35.3 17.2 51.6



#83

tert-Butylbenzene

Concen: 52.583 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

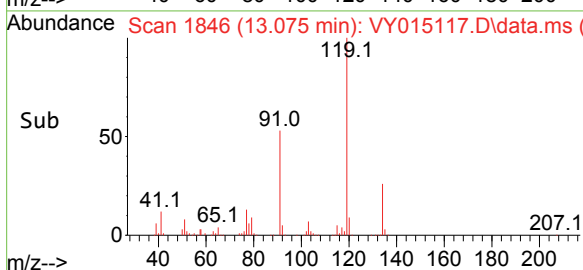
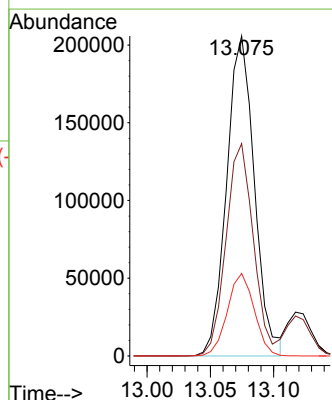
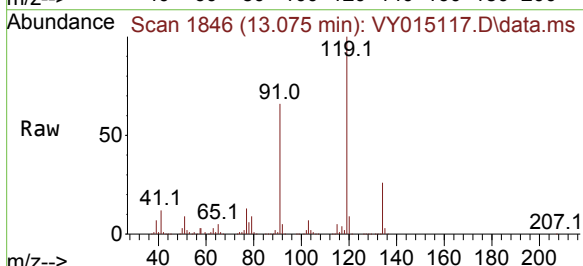
Tgt Ion: 119 Resp: 314436

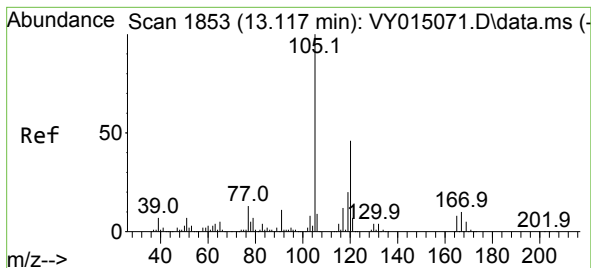
Ion Ratio Lower Upper

119 100

91 65.1 32.9 98.6

134 25.0 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 53.760 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

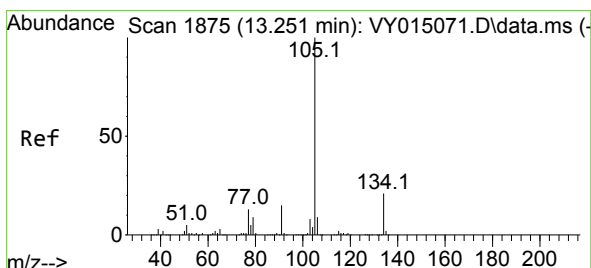
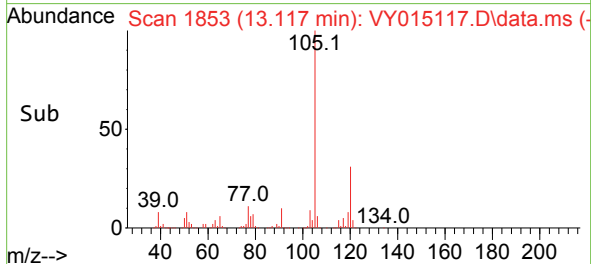
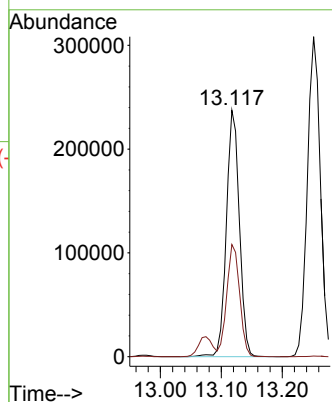
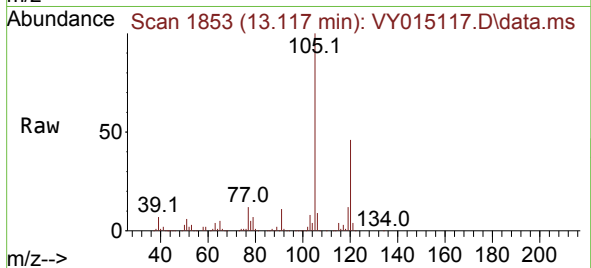
ClientSampleId :

Tgt Ion:105 Resp: 351204

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6



#85

sec-Butylbenzene

Concen: 51.924 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015117.D

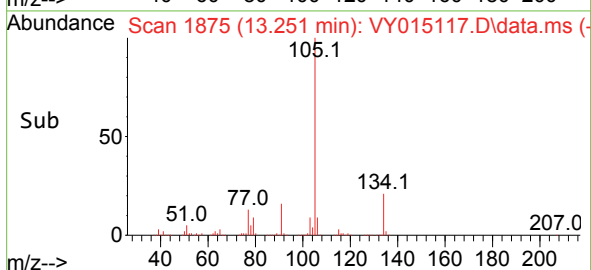
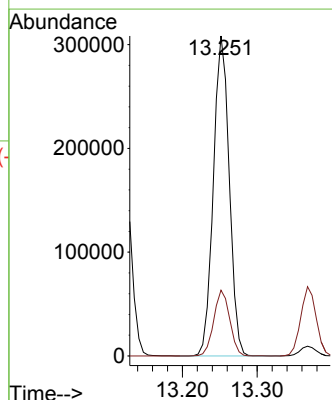
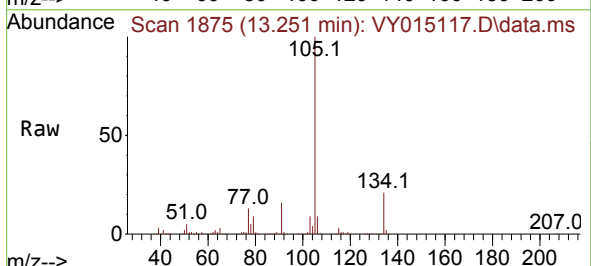
Acq: 15 Aug 2023 20:38

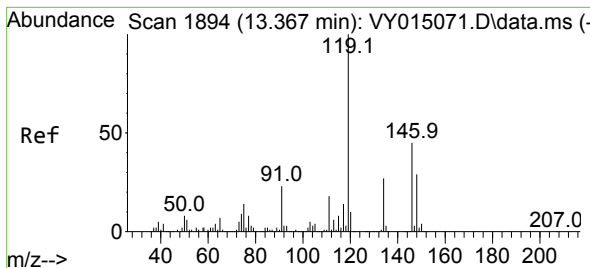
Tgt Ion:105 Resp: 454942

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6

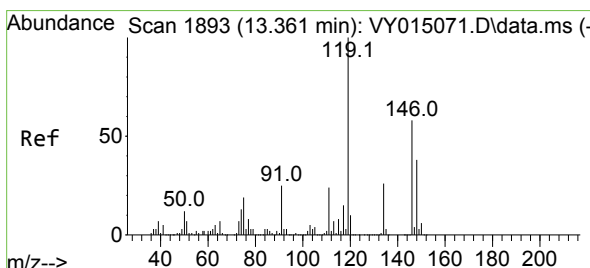
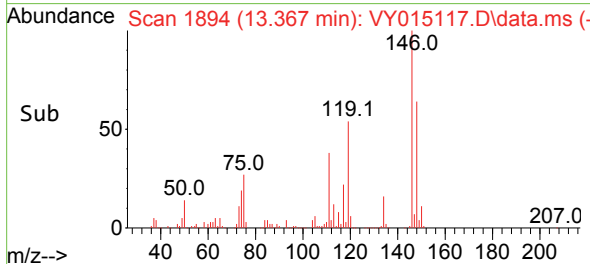
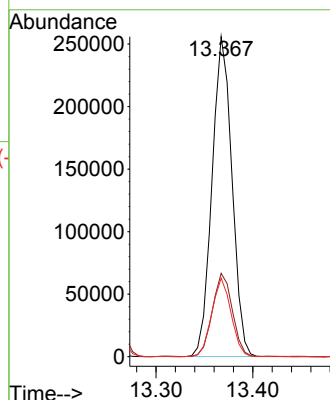
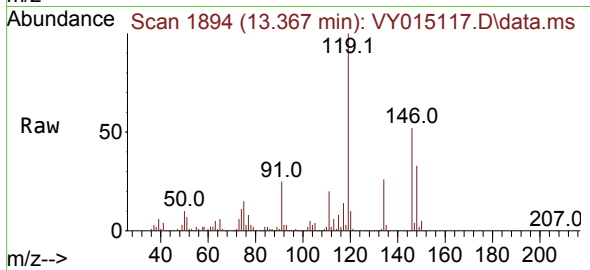




#86
p-Isopropyltoluene
Concen: 50.367 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

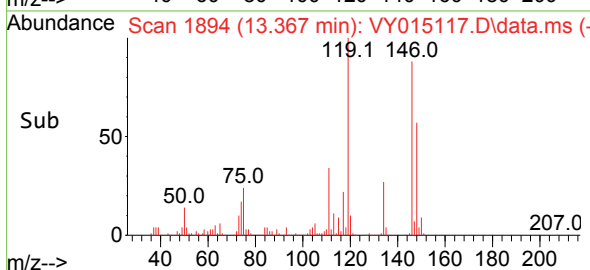
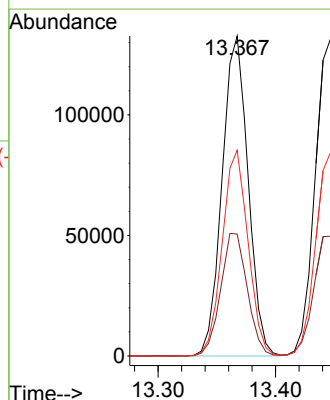
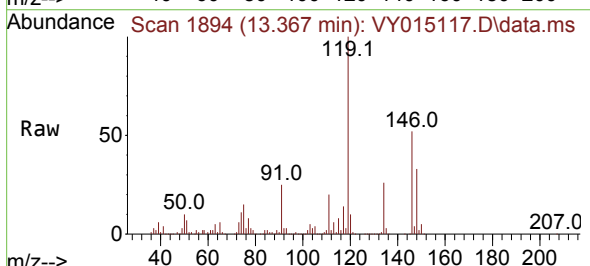
Instrument :
MSVOA_Y
ClientSampleId :

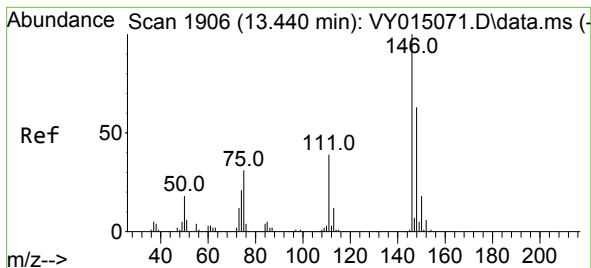
Tgt Ion:119 Resp: 365876
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 23.7 12.4 37.4



#87
1,3-Dichlorobenzene
Concen: 53.805 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion:146 Resp: 204018
Ion Ratio Lower Upper
146 100
111 39.4 19.4 58.2
148 64.0 31.9 95.5





#88

1,4-Dichlorobenzene

Concen: 53.603 ug/l

RT: 13.447 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

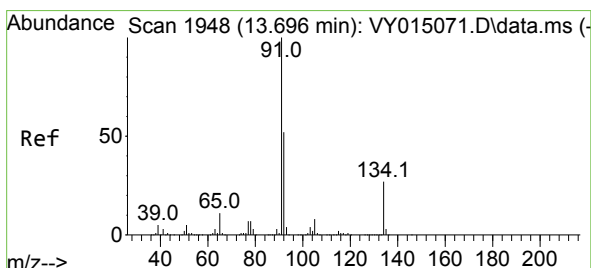
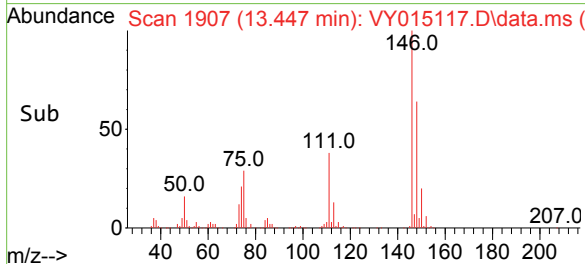
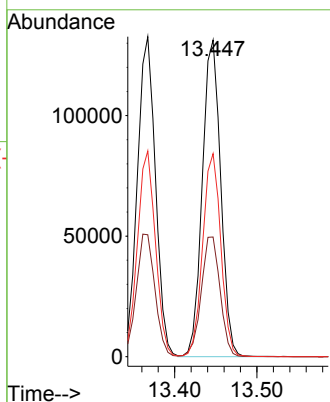
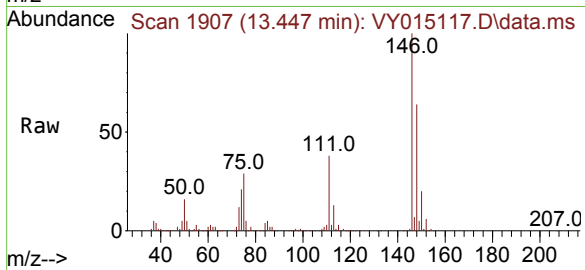
Tgt Ion:146 Resp: 203863

Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.4 32.1 96.5



#89

n-Butylbenzene

Concen: 46.065 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

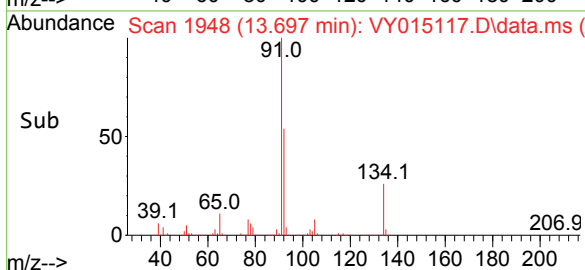
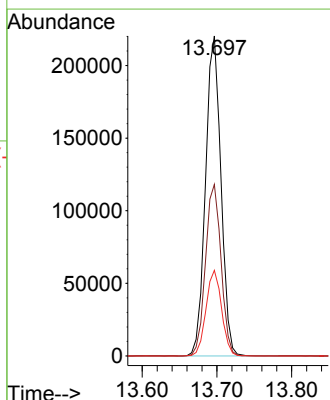
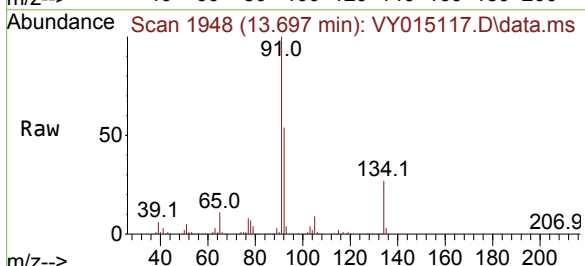
Tgt Ion: 91 Resp: 315509

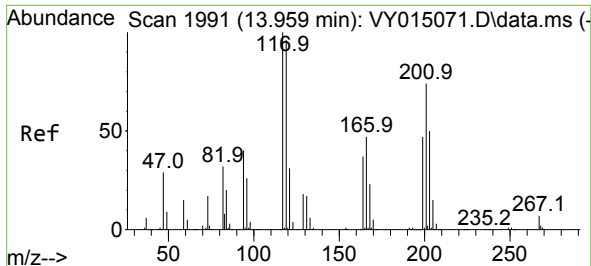
Ion Ratio Lower Upper

91 100

92 54.0 25.4 76.0

134 27.0 12.6 37.6

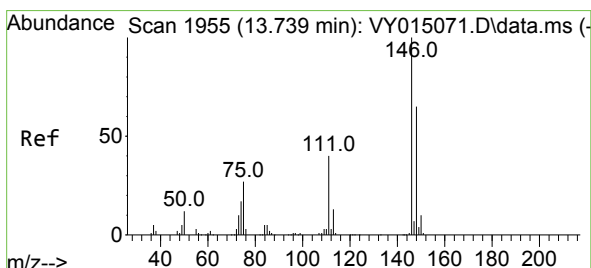
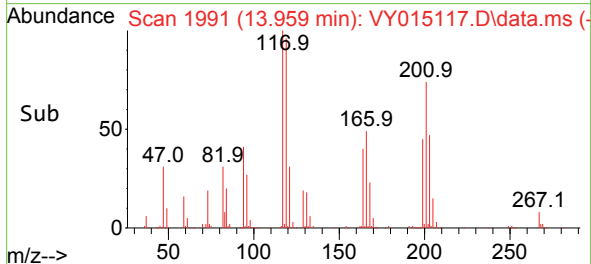
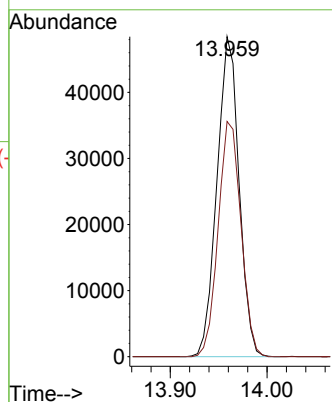
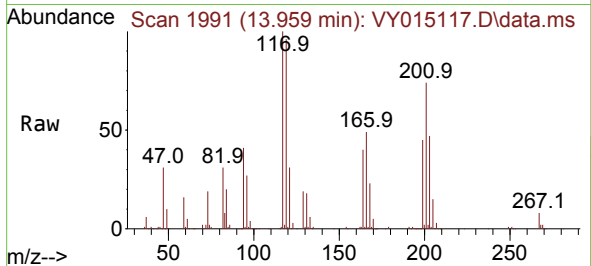




#90
Hexachloroethane
Concen: 53.226 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

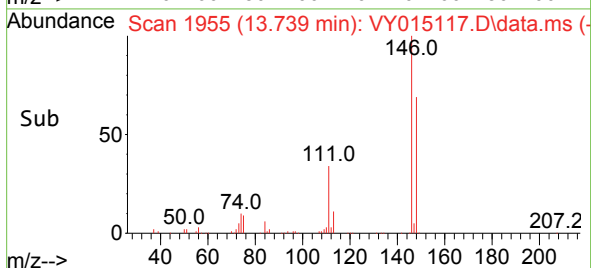
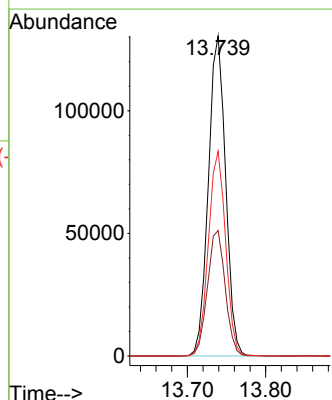
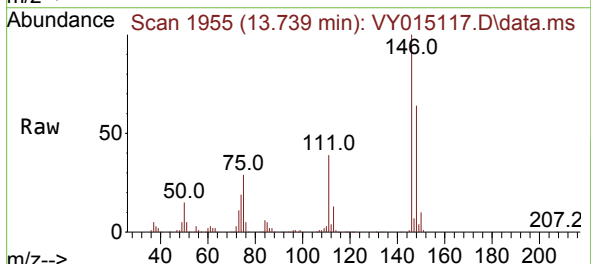
Instrument :
MSVOA_Y
ClientSampleId :

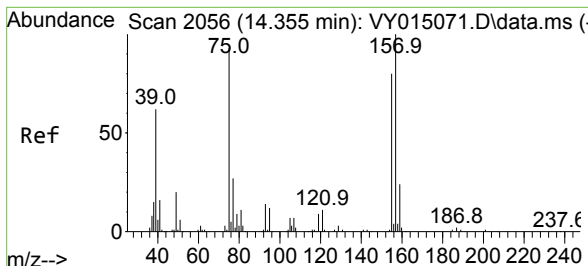
Tgt Ion:117 Resp: 76704
Ion Ratio Lower Upper
117 100
201 75.8 41.6 124.8



#91
1,2-Dichlorobenzene
Concen: 56.402 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015117.D
Acq: 15 Aug 2023 20:38

Tgt Ion:146 Resp: 199793
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 63.8 32.0 96.2

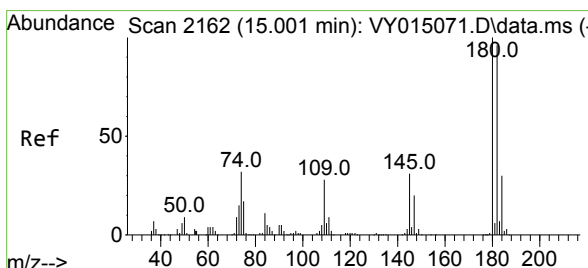
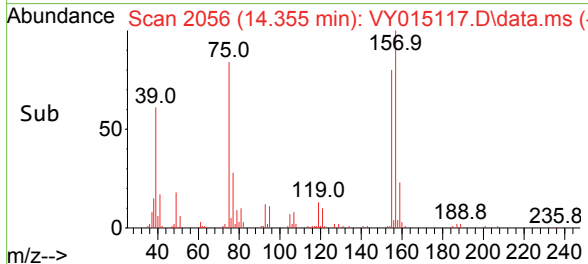
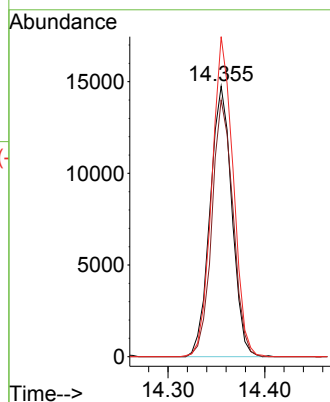
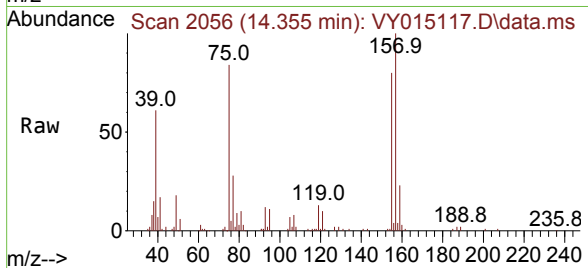




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.436 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

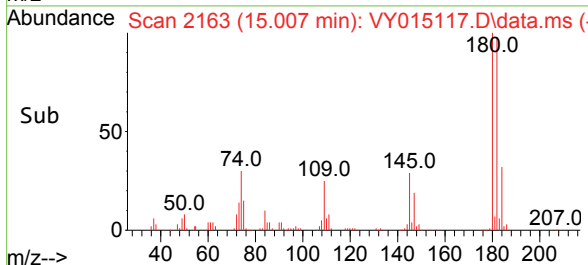
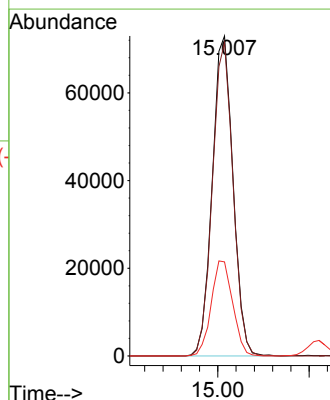
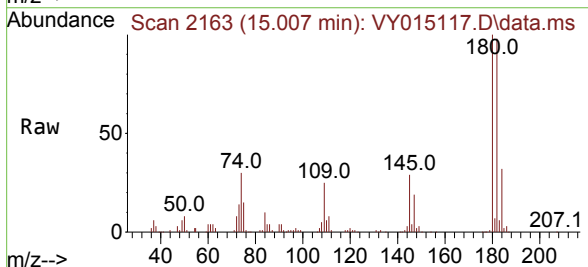
Instrument :
 MSVOA_Y
 ClientSampleId :

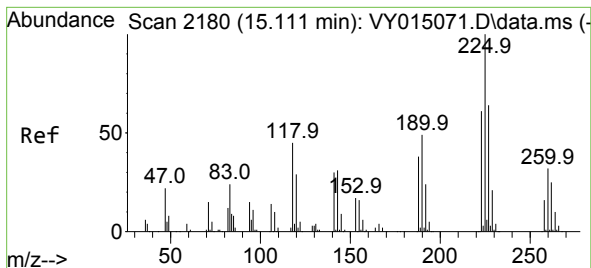
Tgt Ion: 75 Resp: 23123
 Ion Ratio Lower Upper
 75 100
 155 91.7 41.5 124.6
 157 115.8 51.8 155.5



#93
 1,2,4-Trichlorobenzene
 Concen: 50.575 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY015117.D
 Acq: 15 Aug 2023 20:38

Tgt Ion: 180 Resp: 115014
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.0 141.2
 145 30.7 14.5 43.5





#94

Hexachlorobutadiene

Concen: 47.094 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015117.D

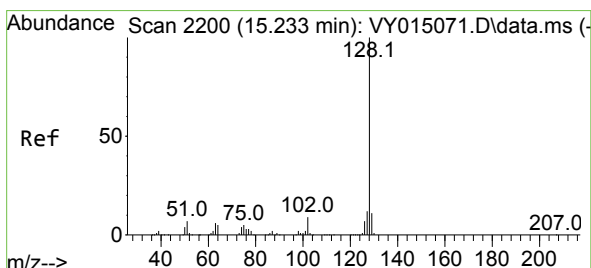
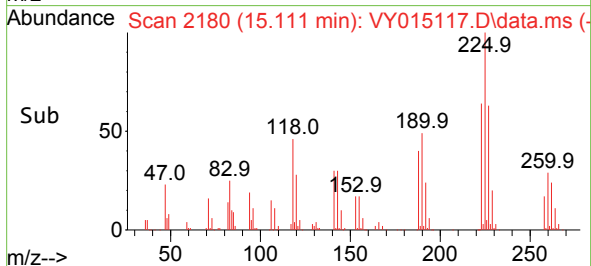
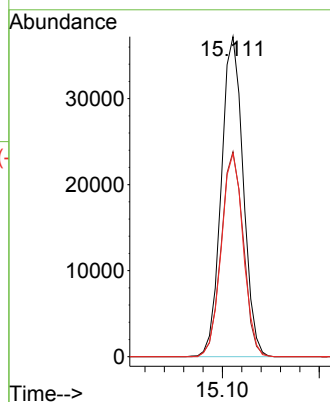
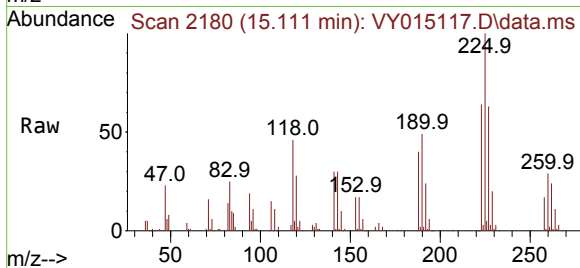
Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	225	Resp:	58256
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.9	95.9
227	63.5	33.0	98.9



#95

Naphthalene

Concen: 57.770 ug/l

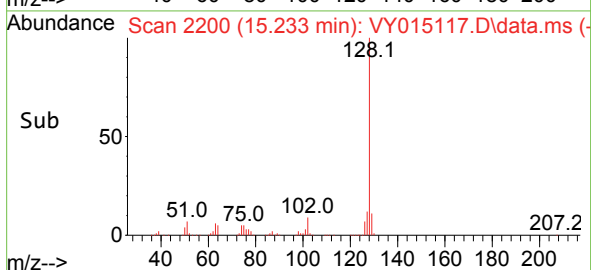
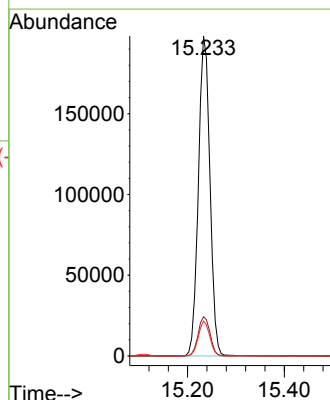
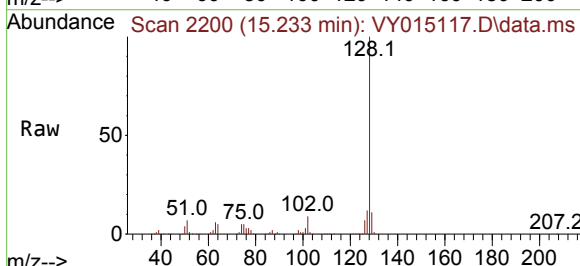
RT: 15.233 min Scan# 2200

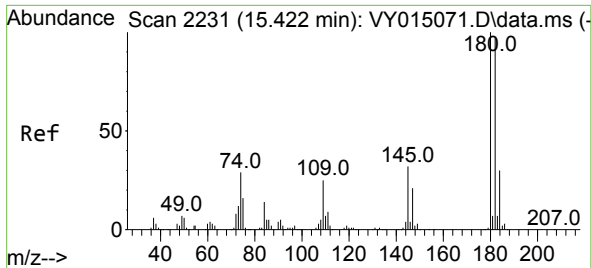
Delta R.T. 0.000 min

Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Tgt Ion:	128	Resp:	327269
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.8	16.2
129	10.7	8.6	13.0





#96

1,2,3-Trichlorobenzene

Concen: 55.001 ug/l

RT: 15.422 min Scan# 21

Delta R.T. 0.000 min

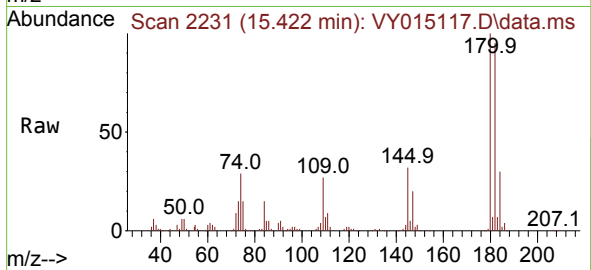
Lab File: VY015117.D

Acq: 15 Aug 2023 20:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 112961

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.8

145 32.4 15.4 46.2

