

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015537.D
 Acq On : 14 Sep 2023 16:39
 Operator : SY/MD
 Sample : 04374-02
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:02:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	392582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	652240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	592248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	263410	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	229741	54.591	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.716	113	207349	55.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.380%	
50) Toluene-d8	10.179	98	787806	57.907	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.820%	
62) 4-Bromofluorobenzene	12.477	95	297515	58.908	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.820%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.948	59	525	Below Cal	#	89
13) Acrolein	3.729	56	74	11.706	ug/l	84
15) Acrylonitrile	5.247	53	1874	1.168	ug/l	# 17
16) Acetone	3.948	43	7657	4.359	ug/l	100
17) Carbon Disulfide	4.186	76	33813	2.898	ug/l	97
20) Methylene Chloride	4.704	84	48099	2.737	ug/l	87
25) 2-Butanone	6.990	43	6185	2.483	ug/l	# 71
31) Cyclohexane	7.758	56	142554	19.069	ug/l	# 52
36) 1,1-Dichloropropene	7.783	75	29413	4.459	ug/l	# 50
37) Ethyl Acetate	6.990	43	6185	1.216	ug/l	# 71
38) Carbon Tetrachloride	7.783	117	39036	5.730	ug/l	# 16
39) Methylcyclohexane	9.179	83	260063	31.316	ug/l	# 80
43) Isopropyl Acetate	8.265	43	77173	8.772	ug/l	# 55
47) Bromodichloromethane	9.478	83	31691	4.809	ug/l	# 29
48) Methyl methacrylate	9.319	41	74404	18.433	ug/l	# 29
51) 4-Methyl-2-Pentanone	10.112	43	284340	55.608	ug/l	# 85
55) 1,1,2-Trichloroethane	10.618	97	242359	58.365	ug/l	# 25
56) Ethyl methacrylate	10.520	69	20221	3.286	ug/l	# 20
58) 2-Chloroethyl Vinyl ether	9.752	63	6384	2.907	ug/l	# 48
59) 2-Hexanone	10.801	43	414198	107.956	ug/l	# 33
67) Ethyl Benzene	11.593	91	74077	3.233	ug/l	99
73) Isopropylbenzene	12.331	105	1160379	58.648	ug/l	100
74) N-ethyl acetate	12.124	43	326335	49.093	ug/l	# 59
75) 1,1,2,2-Tetrachloroethane	12.575	83	8914	1.887	ug/l	# 1
76) 1,2,3-Trichloropropane	12.672	75	40523	11.601	ug/l	# 100
77) Bromobenzene	12.386	156	219518	46.844	ug/l	# 1
78) n-propylbenzene	12.672	91	6302113	263.234	ug/l	98
79) 2-Chlorotoluene	12.764	91	239363	17.825	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.764	105	2079378	125.647	ug/l	74
81) trans-1,4-Dichloro-2-b...	12.325	75	16693	10.542	ug/l	# 45
82) 4-Chlorotoluene	12.764	91	239363	17.151	ug/l	# 40
83) tert-Butylbenzene	13.075	119	26824	1.851	ug/l	# 84
84) 1,2,4-Trimethylbenzene	13.117	105	3883258	236.328	ug/l	97
85) sec-Butylbenzene	13.251	105	750635	34.719	ug/l	# 66
86) p-Isopropyltoluene	13.367	119	394191	21.754	ug/l	99
89) n-Butylbenzene	13.672	91	1620312	95.006	ug/l	# 1

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 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

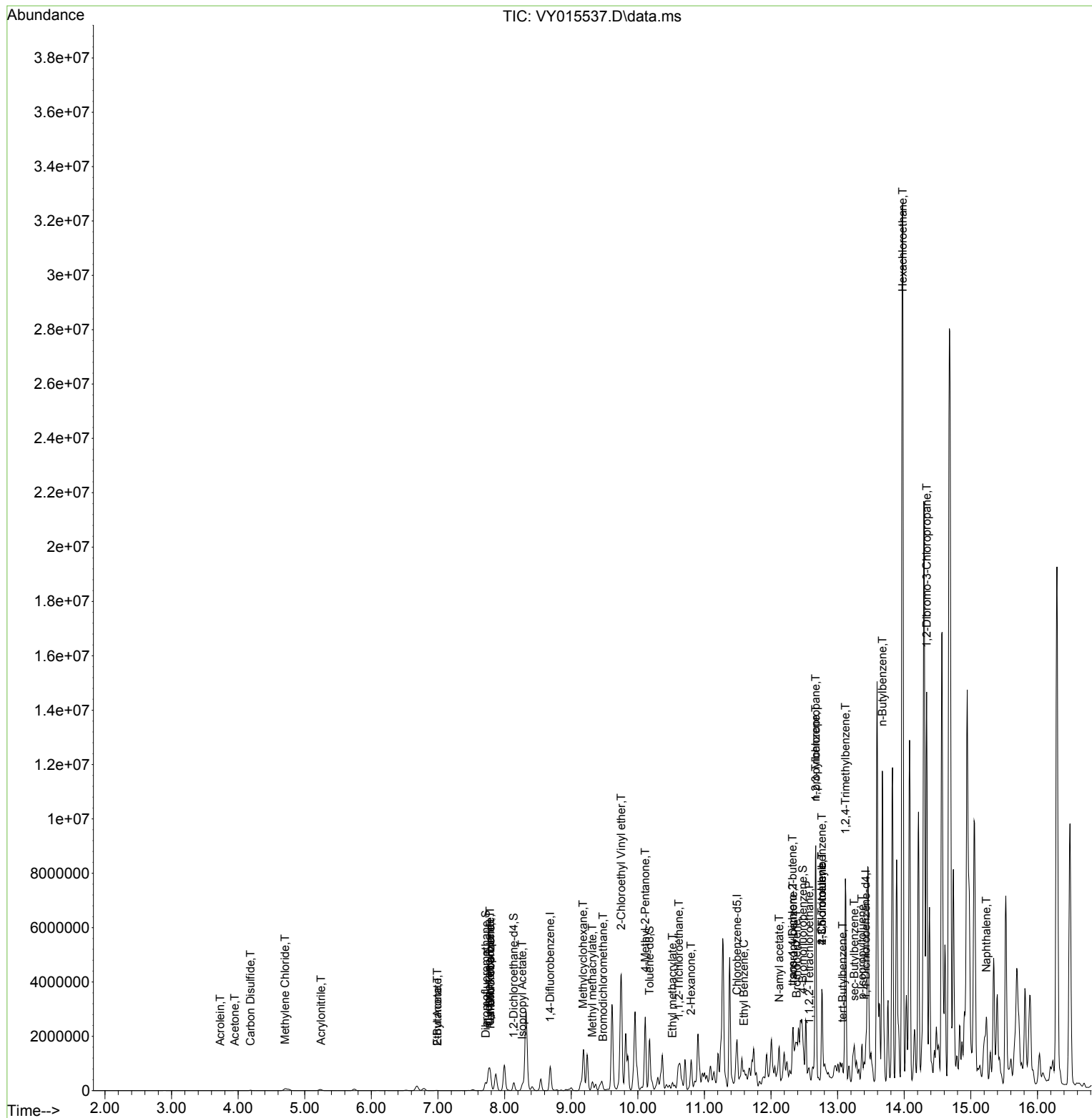
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.977	117	1934687	596.984	ug/l #	8
92) 1,2-Dibromo-3-Chloropr...	14.337	75	47630	50.978	ug/l #	5
95) Naphthalene	15.233	128	1387453	105.639	ug/l	95

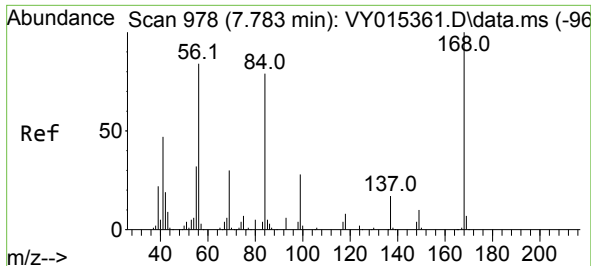
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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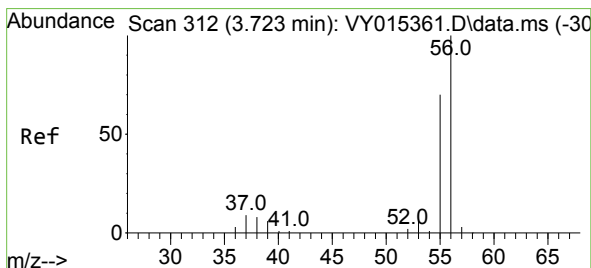
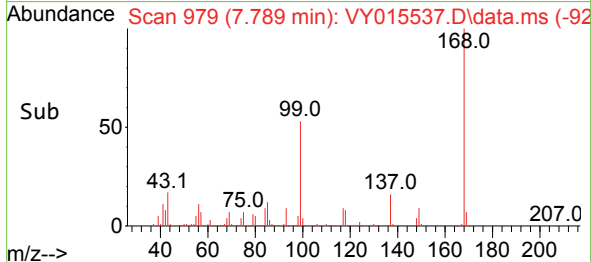
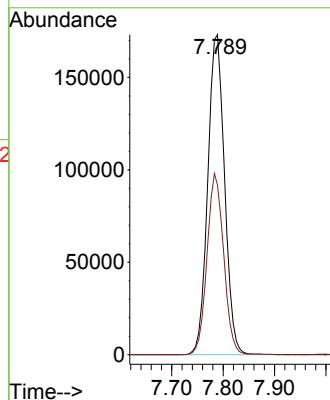
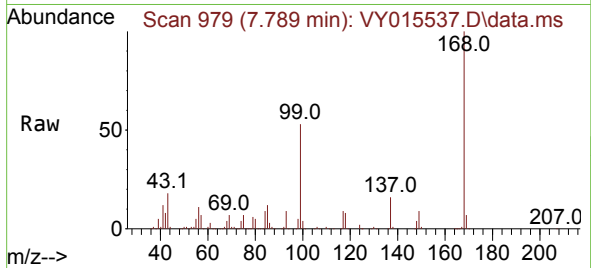




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

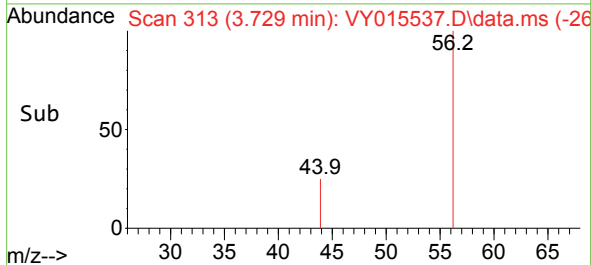
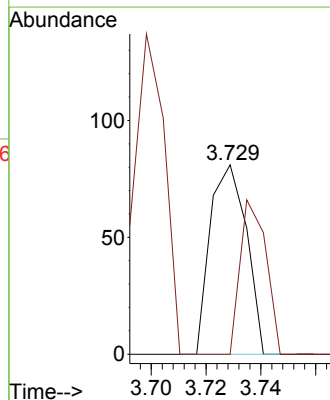
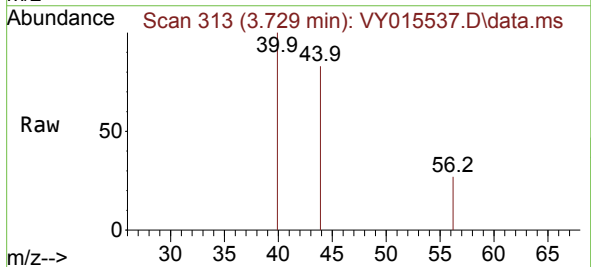
Instrument :
MSVOA_Y
ClientSampleId :

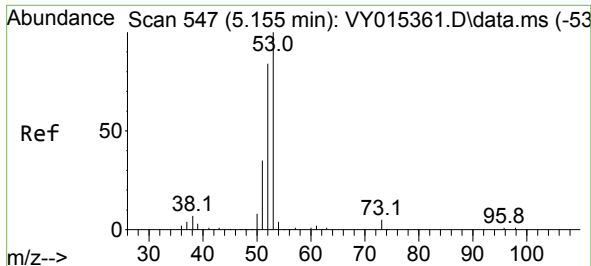
Tgt Ion:168 Resp: 392582
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#13
Acrolein
Concen: 11.706 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 58.1 57.0 85.4

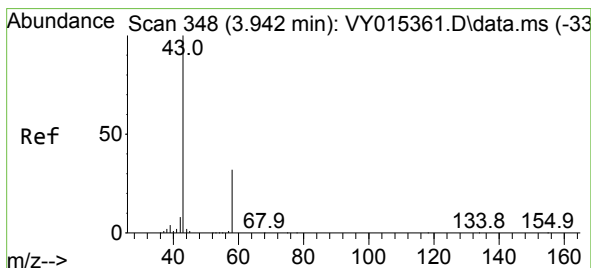
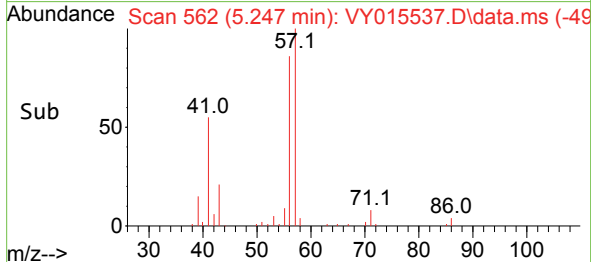
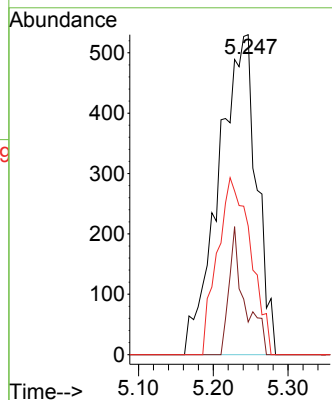
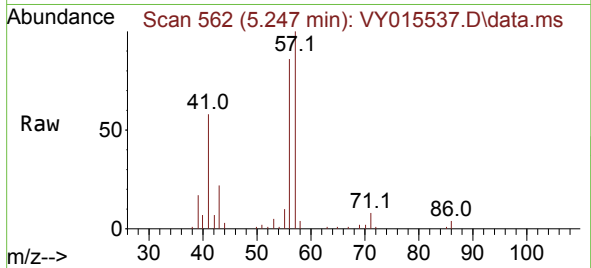




#15
Acrylonitrile
Concen: 1.168 ug/l
RT: 5.247 min Scan# 501
Delta R.T. 0.085 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

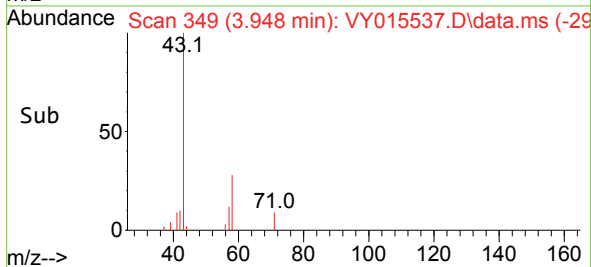
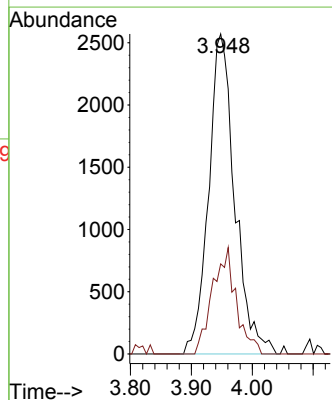
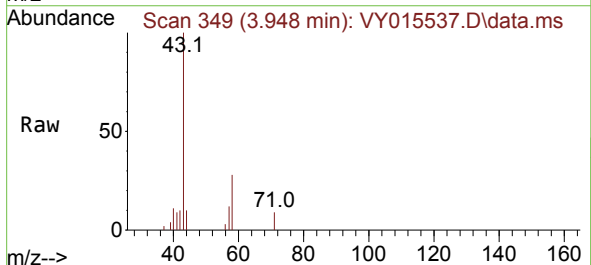
Instrument :
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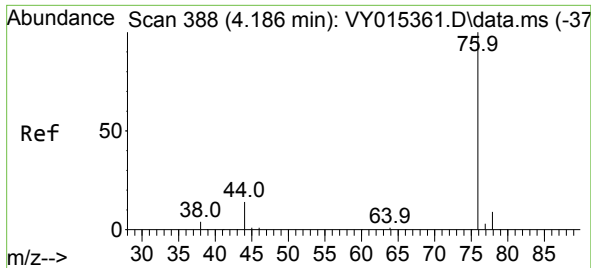
Tgt Ion: 53 Resp: 1874
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 4.359 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 7657
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1

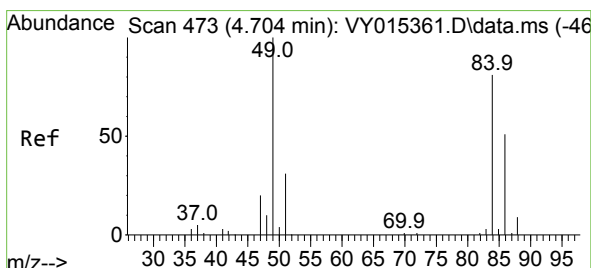
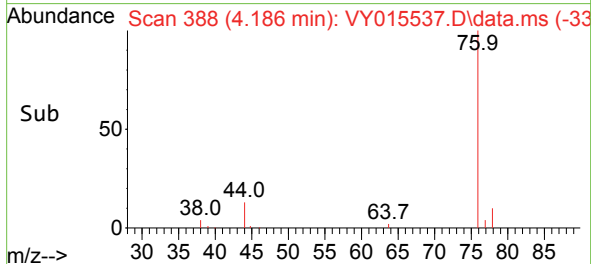
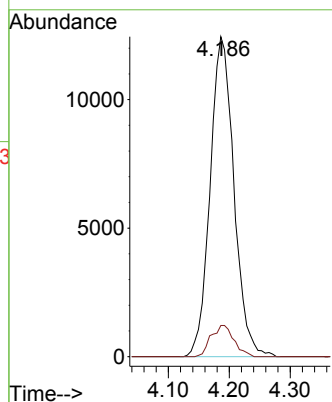
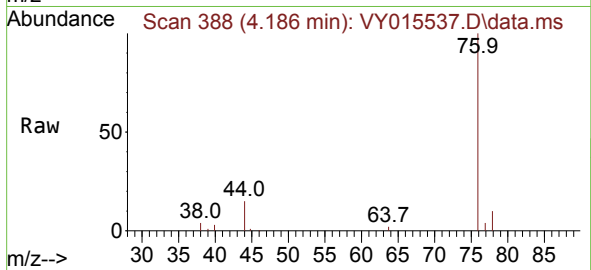




#17
Carbon Disulfide
Concen: 2.898 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

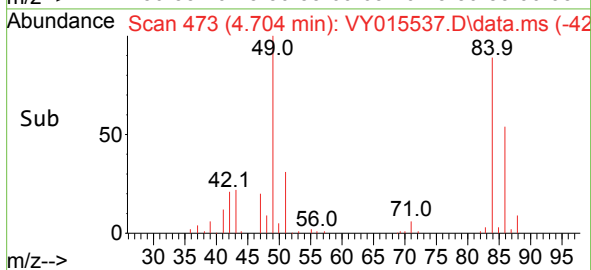
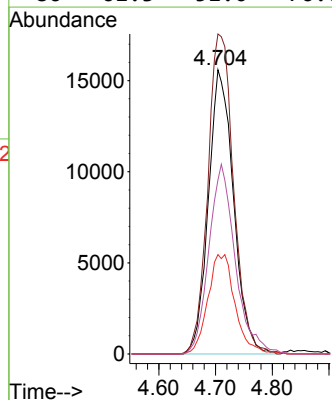
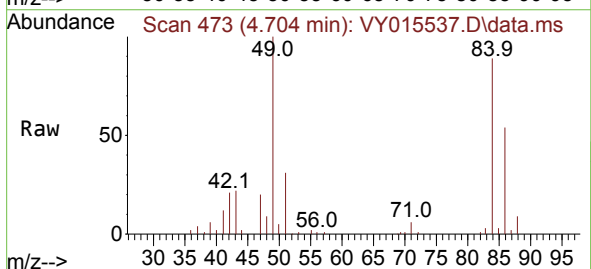
Instrument :
MSVOA_Y
ClientSampleId :

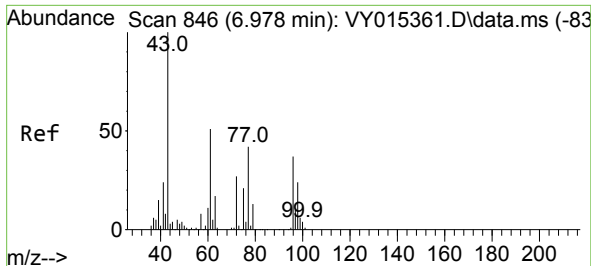
Tgt Ion: 76 Resp: 33813
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#20
Methylene Chloride
Concen: 2.737 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 84 Resp: 48099
Ion Ratio Lower Upper
84 100
49 112.6 106.9 160.3
51 35.0 33.2 49.8
86 61.3 51.0 76.6

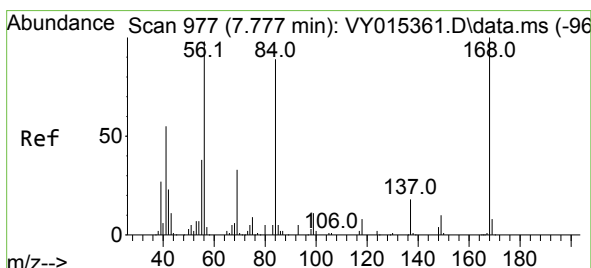
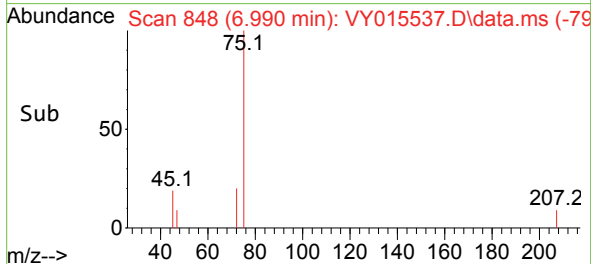
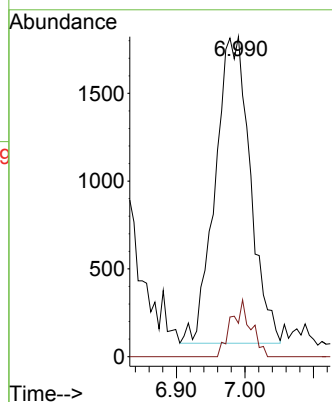
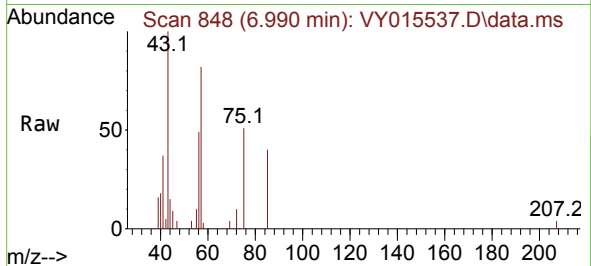




#25
2-Butanone
Concen: 2.483 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

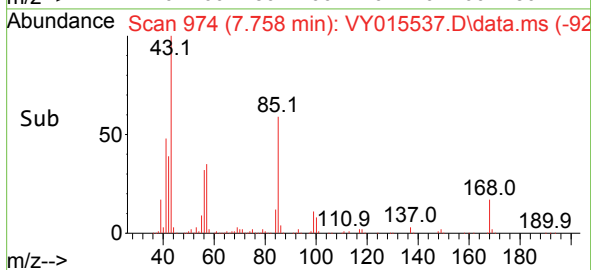
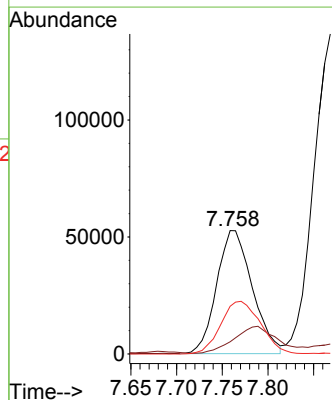
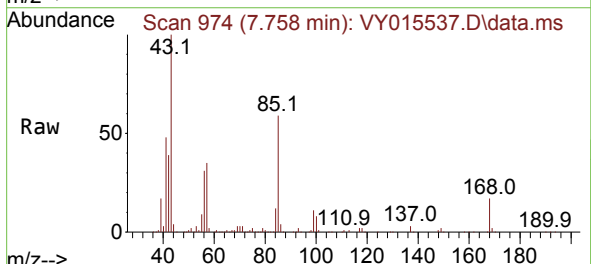
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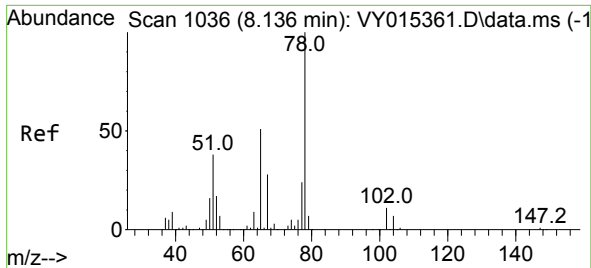
Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
72 10.9 20.5 30.7#



#31
Cyclohexane
Concen: 19.069 ug/l
RT: 7.758 min Scan# 974
Delta R.T. -0.024 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 56 Resp: 142554
Ion Ratio Lower Upper
56 100
69 8.7 27.8 41.6#
84 38.8 66.4 99.6#

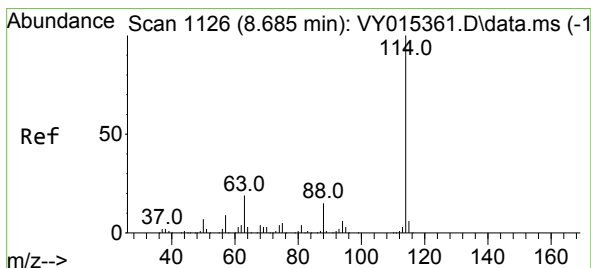
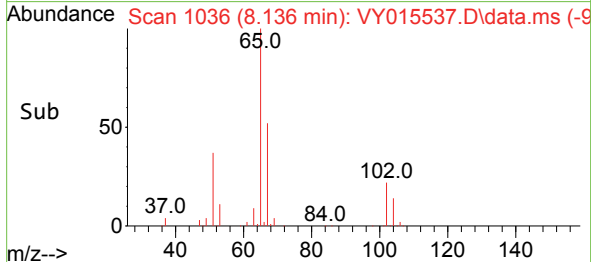
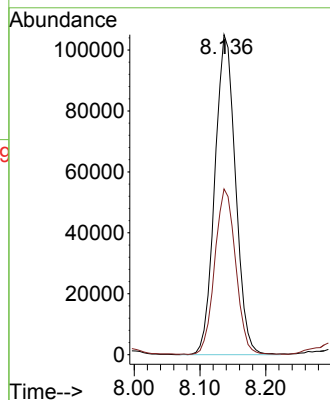
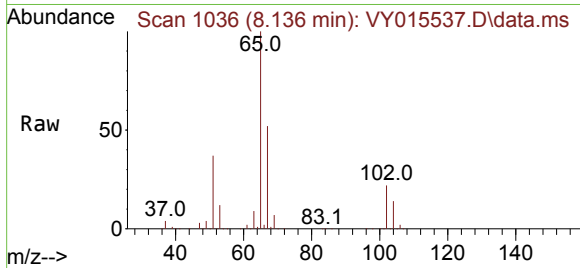




#33
 1,2-Dichloroethane-d4
 Concen: 54.591 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015537.D
 Acq: 14 Sep 2023 16:39

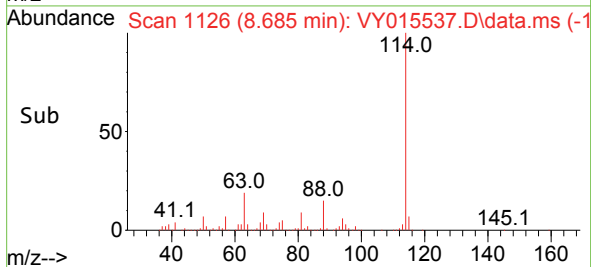
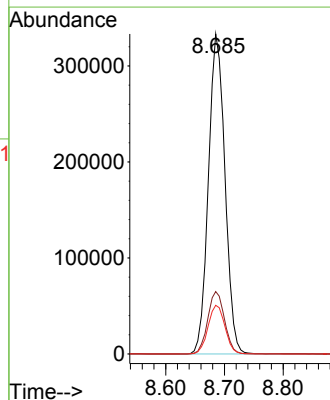
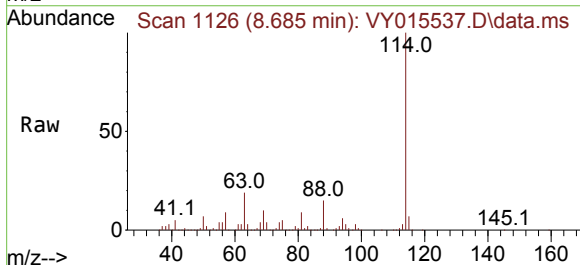
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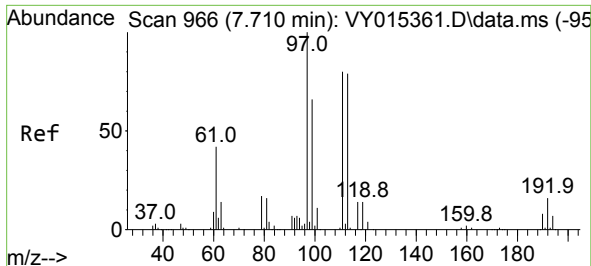
Tgt Ion: 65 Resp: 229741
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015537.D
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Tgt Ion: 114 Resp: 652240
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 15.2 0.0 30.6

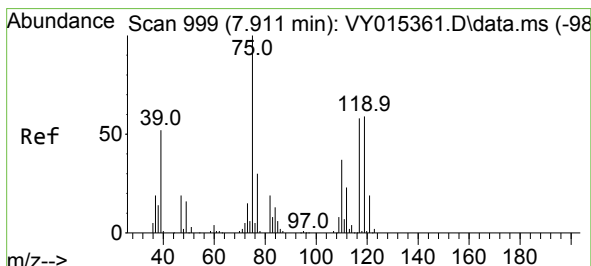
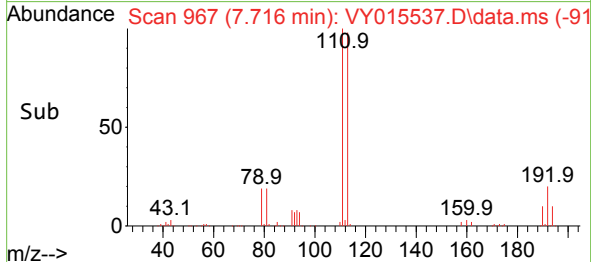
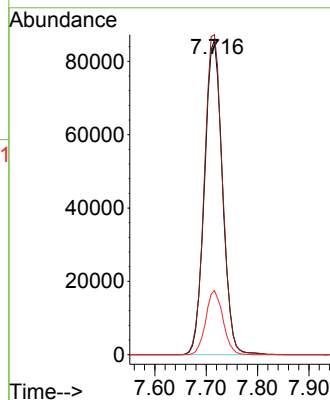
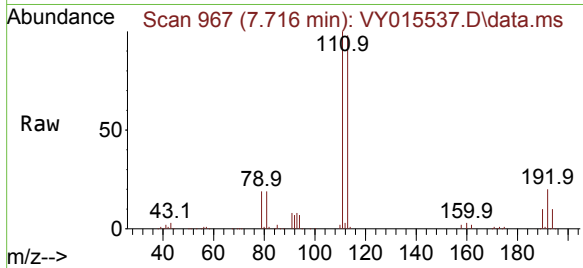




#35
Dibromofluoromethane
Concen: 55.193 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

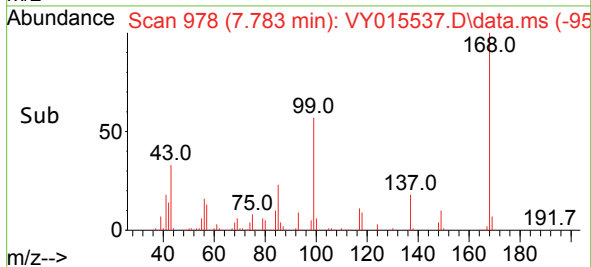
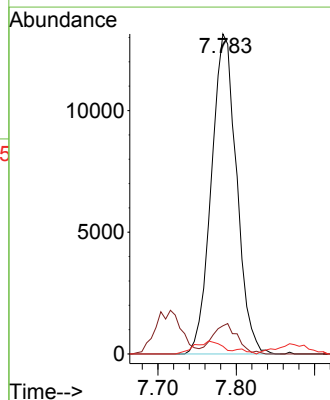
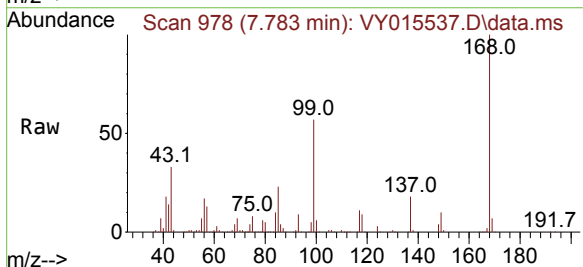
Instrument :
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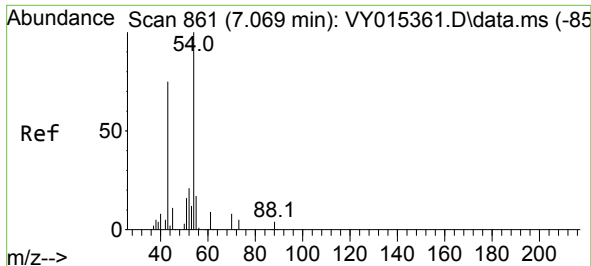
Tgt Ion:113 Resp: 207349
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.459 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 75 Resp: 29413
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.5#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.216 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.073 min

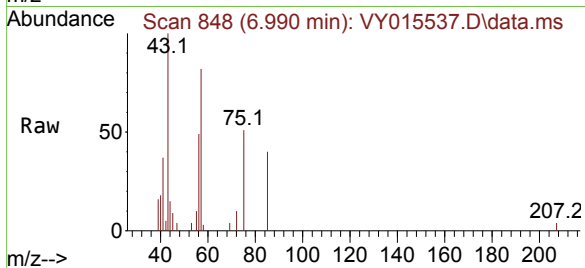
Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

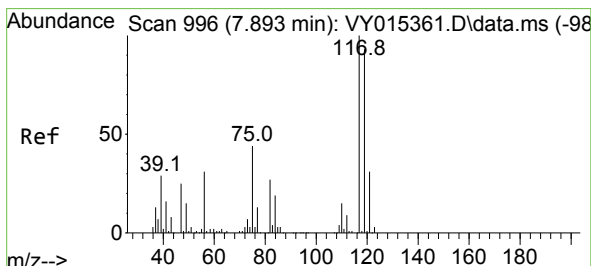
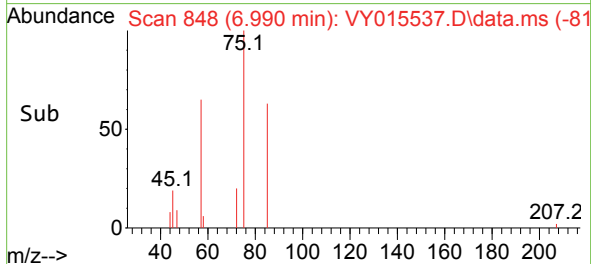
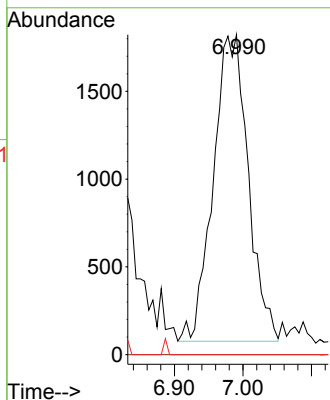
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	6185
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.1	15.1#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.730 ug/l

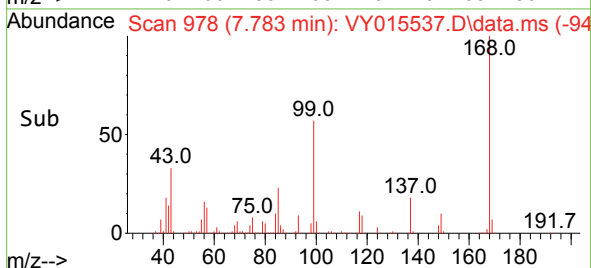
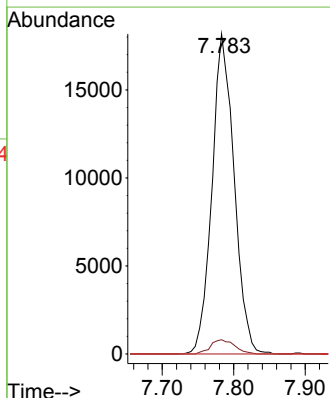
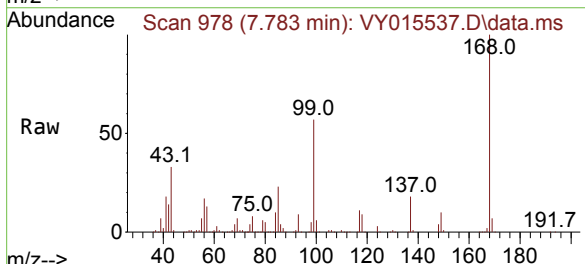
RT: 7.783 min Scan# 978

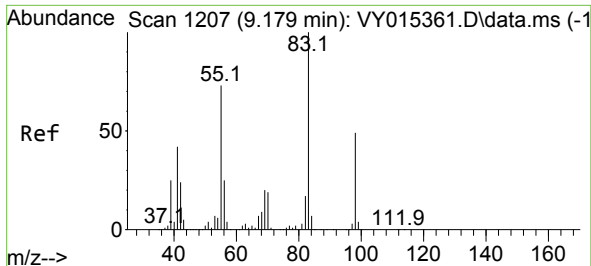
Delta R.T. -0.110 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Tgt Ion:	117	Resp:	39036
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.4	114.6#
121	0.0	25.8	38.6#

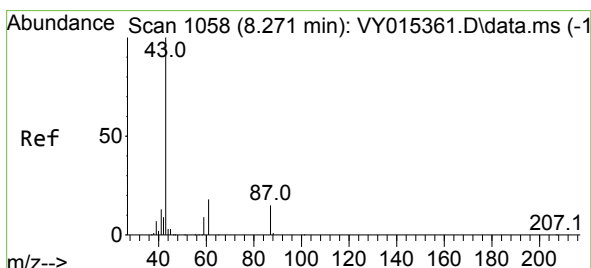
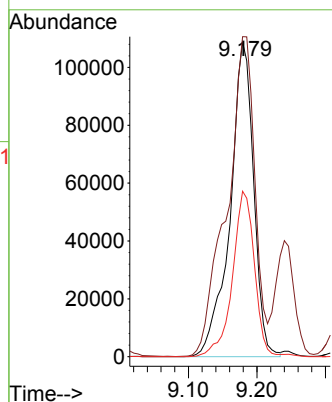
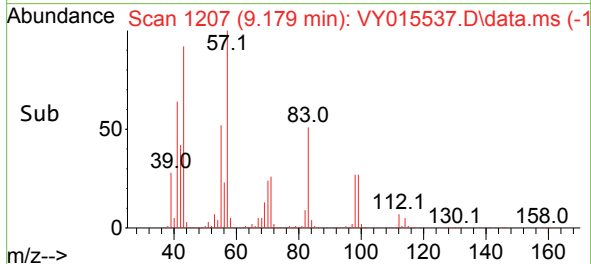
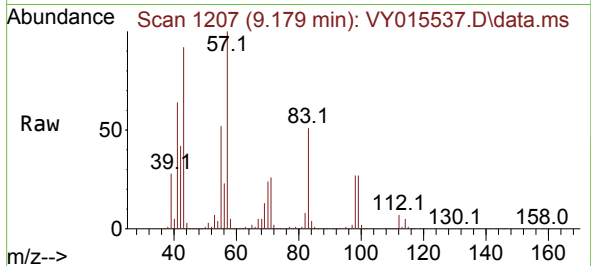




#39
Methylcyclohexane
Concen: 31.316 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

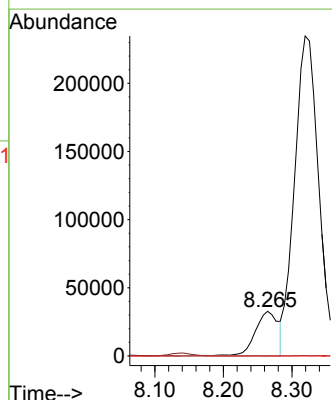
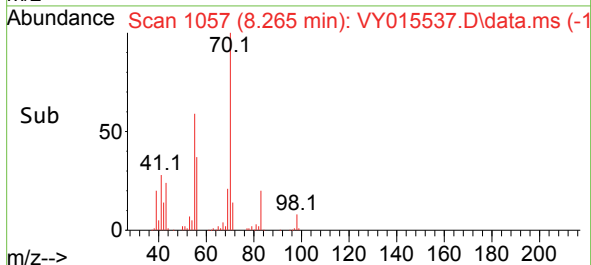
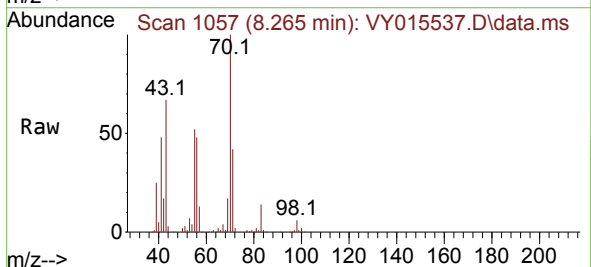
Instrument :
MSVOA_Y
ClientSampleId :

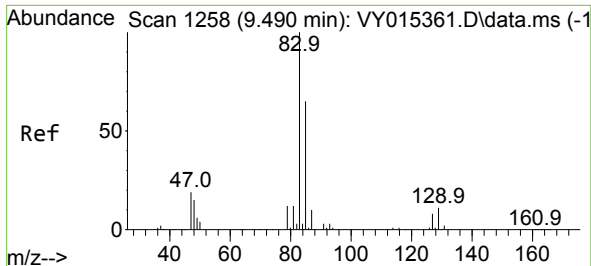
Tgt Ion: 83 Resp: 260063
Ion Ratio Lower Upper
83 100
55 101.6 63.0 94.4#
98 52.6 37.4 56.2



#43
Isopropyl Acetate
Concen: 8.772 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 77173
Ion Ratio Lower Upper
43 100
61 0.2 21.1 31.7#
87 0.0 9.8 14.8#

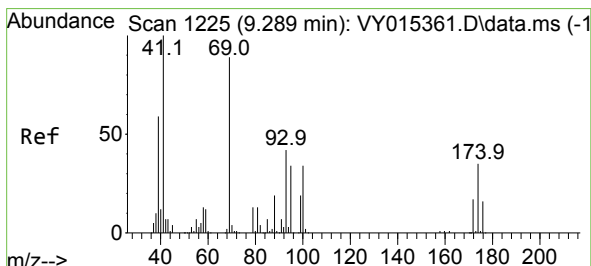
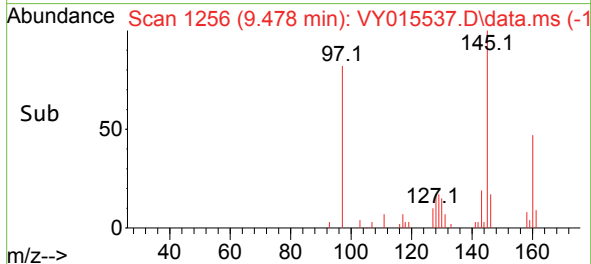
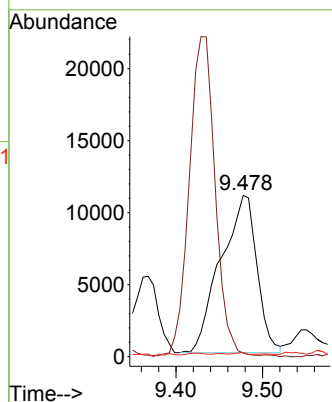
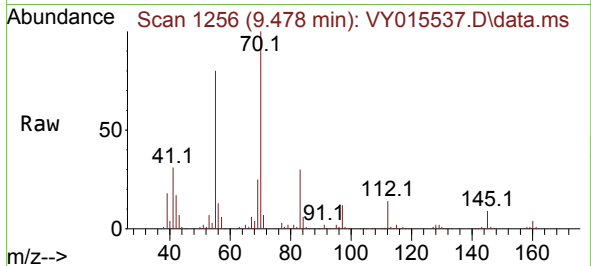




#47
Bromodichloromethane
Concen: 4.809 ug/l
RT: 9.478 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

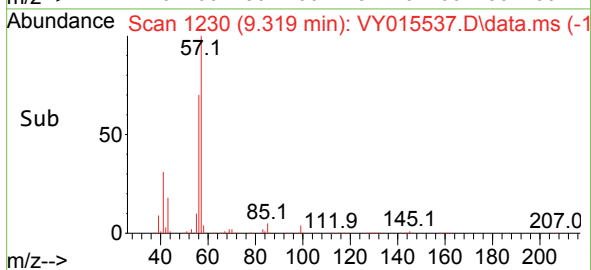
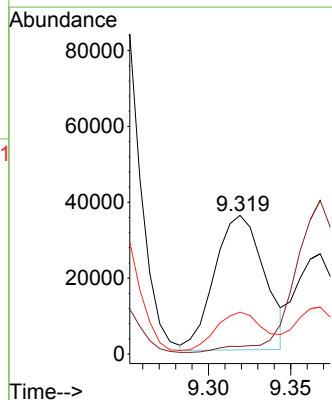
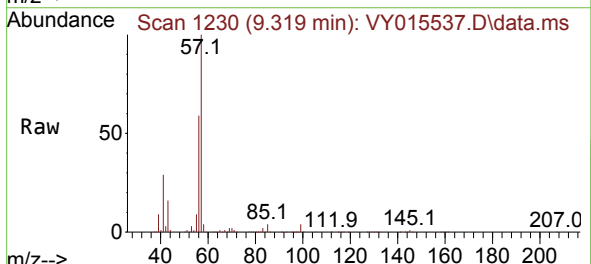
Instrument :
MSVOA_Y
ClientSampleId :

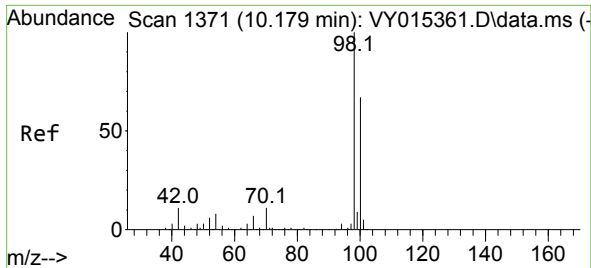
Tgt Ion: 83 Resp: 31691
Ion Ratio Lower Upper
83 100
85 2.4 50.1 75.1#
127 1.7 7.1 10.7#



#48
Methyl methacrylate
Concen: 18.433 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.031 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 41 Resp: 74404
Ion Ratio Lower Upper
41 100
69 0.0 64.5 96.7#
39 27.9 50.8 76.2#

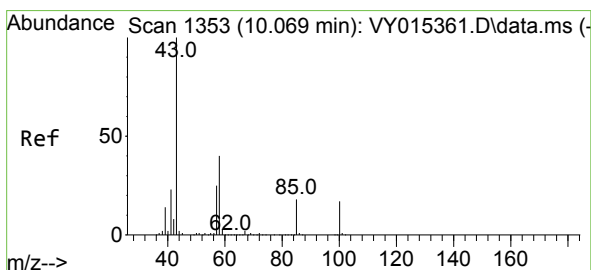
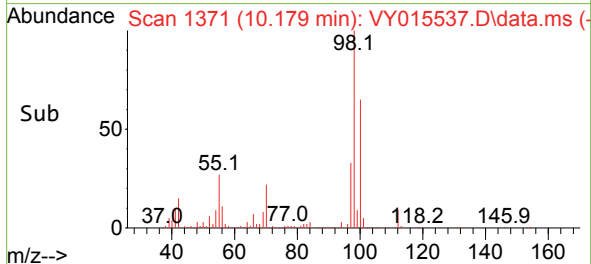
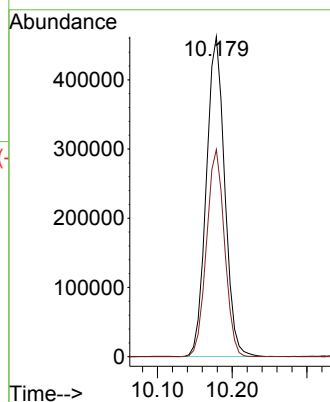
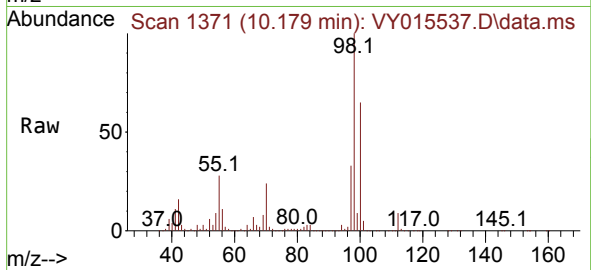




#50
Toluene-d8
Concen: 57.907 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

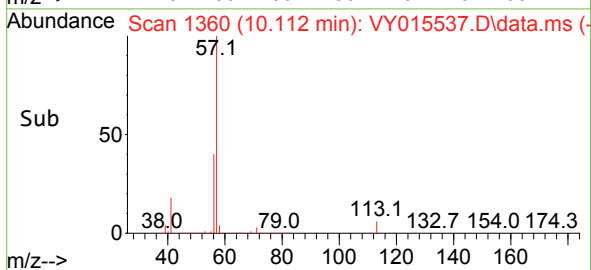
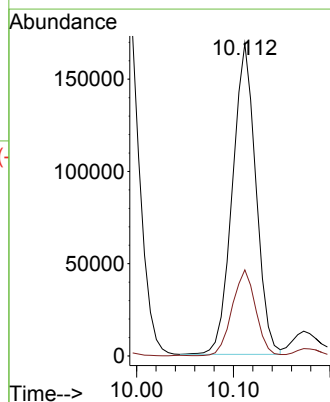
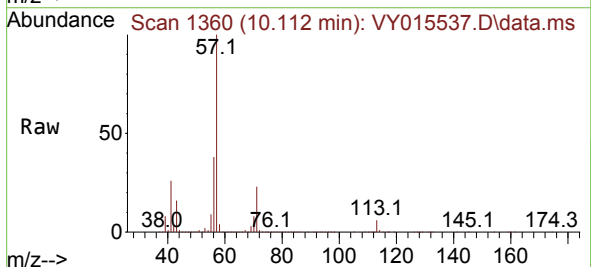
Instrument :
MSVOA_Y
ClientSampleId :

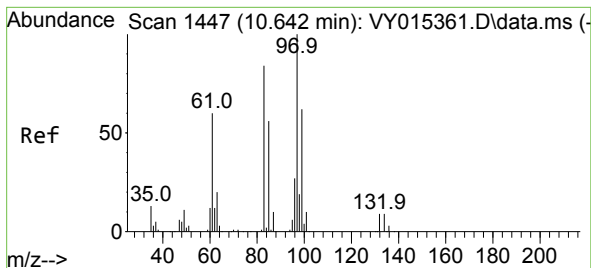
Tgt Ion: 98 Resp: 787806
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 55.608 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.043 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

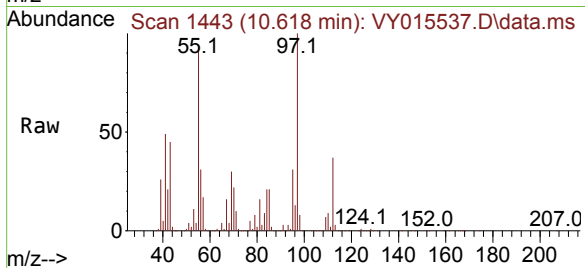
Tgt Ion: 43 Resp: 284340
Ion Ratio Lower Upper
43 100
58 27.6 29.0 43.6#



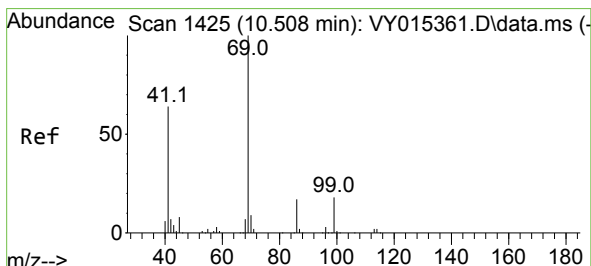
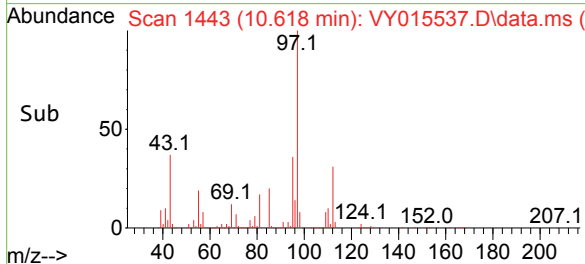
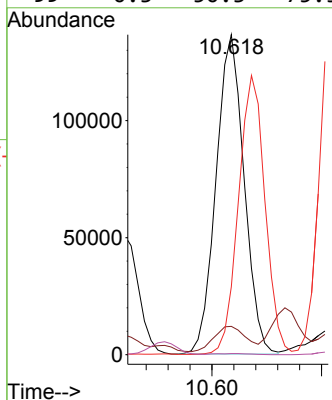


#55
1,1,2-Trichloroethane
Concen: 58.365 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.024 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :

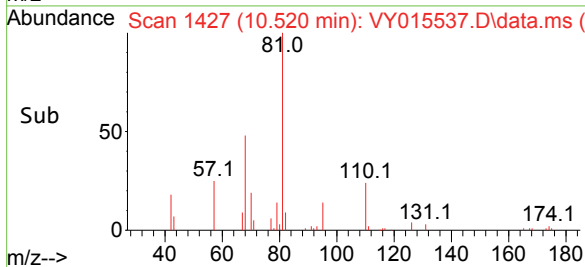
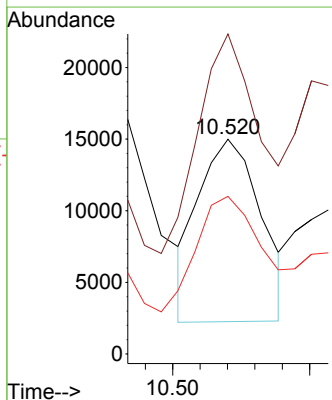
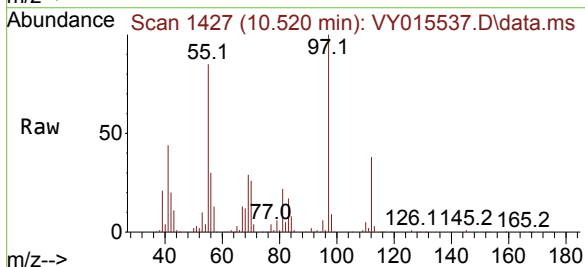


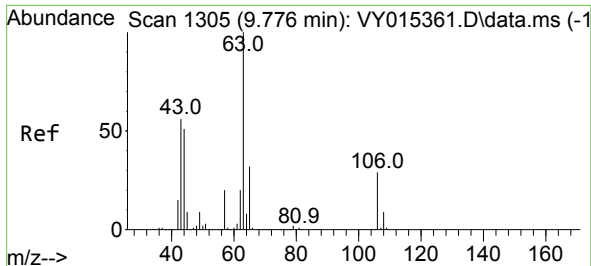
Tgt Ion: 97 Resp: 242359
Ion Ratio Lower Upper
97 100
83 7.5 72.0 108.0#
85 21.2 45.4 68.0#
99 0.3 50.3 75.5#



#56
Ethyl methacrylate
Concen: 3.286 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 69 Resp: 20221
Ion Ratio Lower Upper
69 100
41 161.2 57.6 86.4#
39 63.8 34.1 51.1#

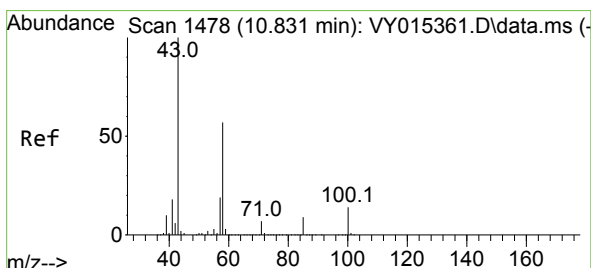
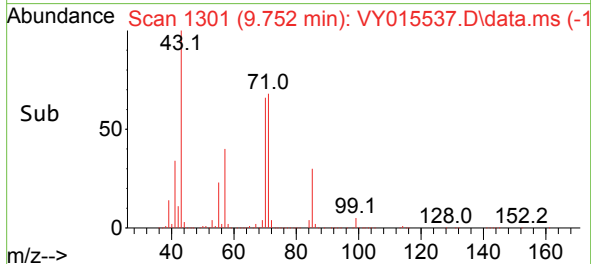
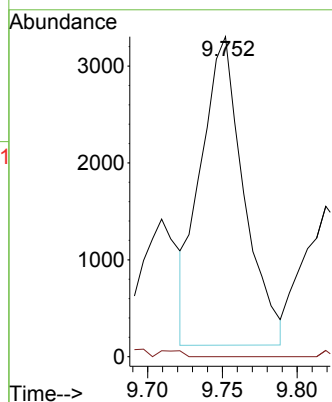
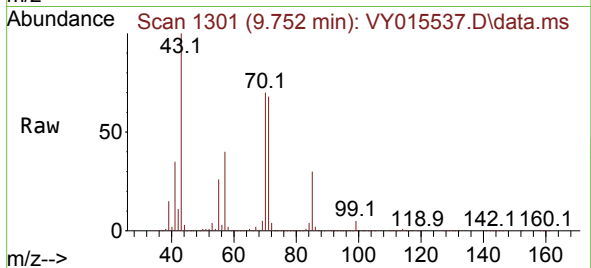




#58
2-Chloroethyl Vinyl ether
Concen: 2.907 ug/l
RT: 9.752 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

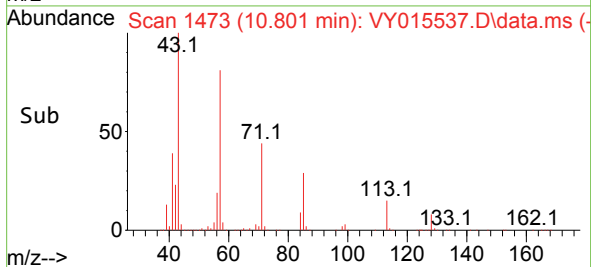
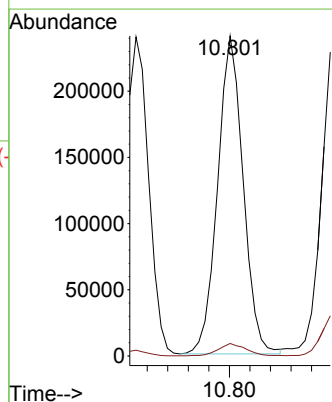
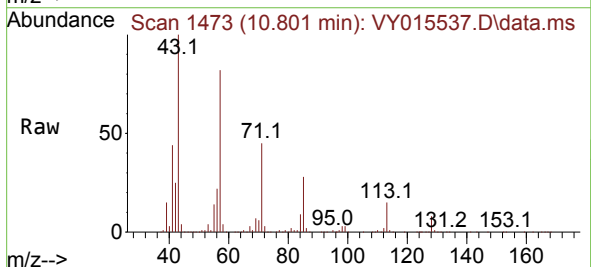
Instrument :
MSVOA_Y
ClientSampleId :

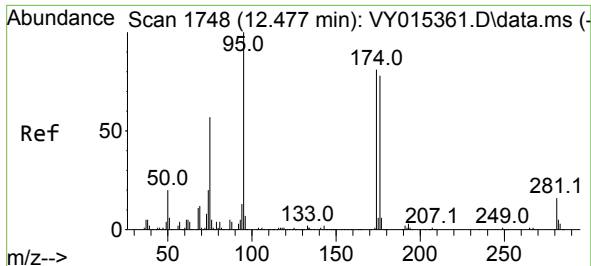
Tgt Ion: 63 Resp: 6384
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 107.956 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 414198
Ion Ratio Lower Upper
43 100
58 4.2 25.1 75.3#

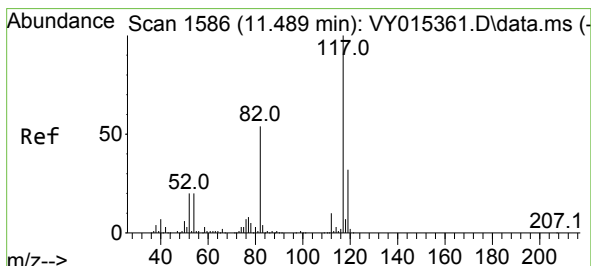
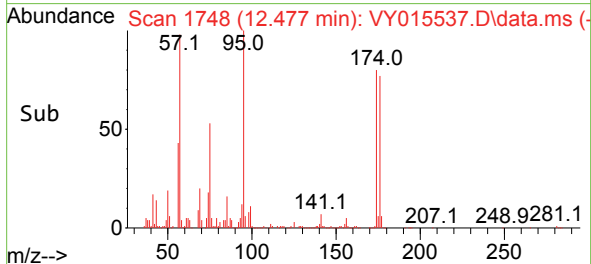
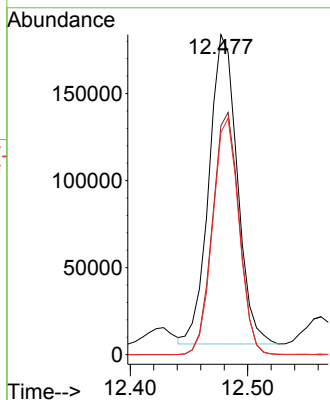
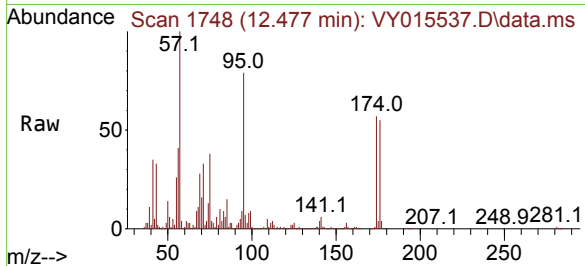




#62
4-Bromofluorobenzene
Concen: 58.908 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

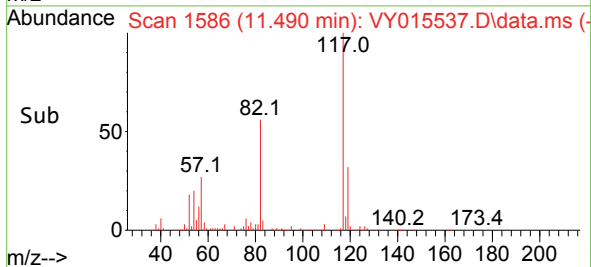
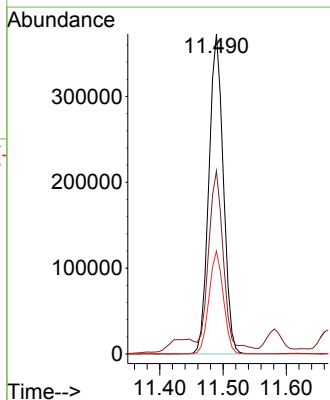
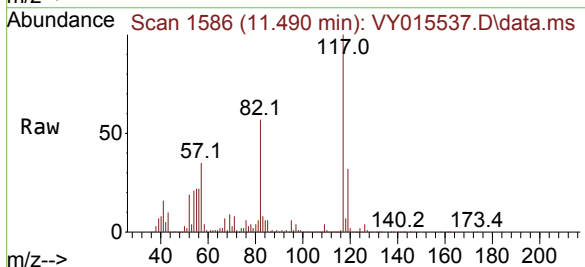
Instrument :
MSVOA_Y
ClientSampleId :

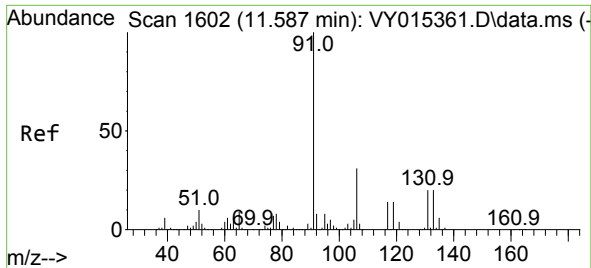
Tgt Ion: 95 Resp: 297515
Ion Ratio Lower Upper
95 100
174 73.7 0.0 178.2
176 71.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 117 Resp: 592248
Ion Ratio Lower Upper
117 100
82 52.8 43.4 65.0
119 32.1 26.3 39.5

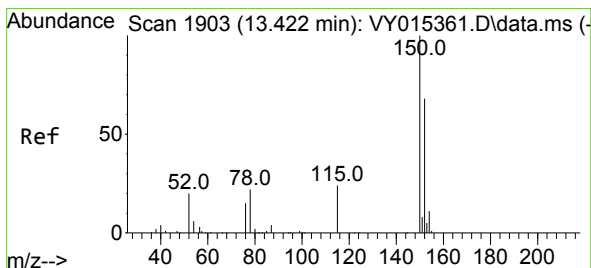
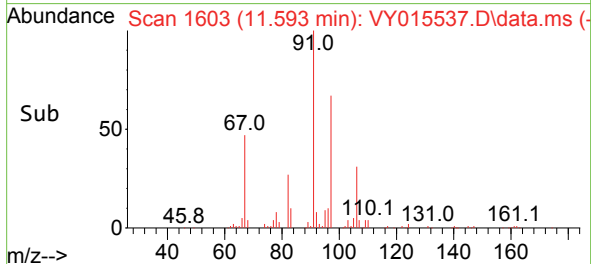
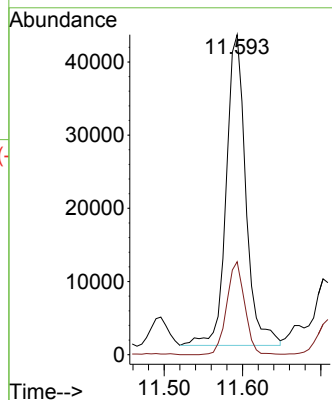
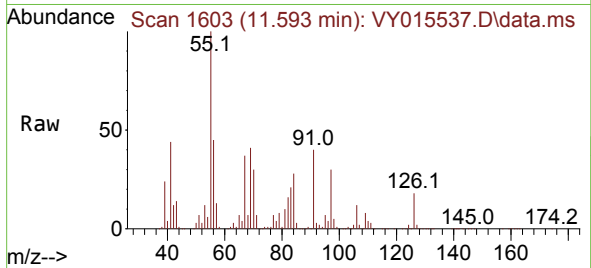




#67
Ethyl Benzene
Concen: 3.233 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

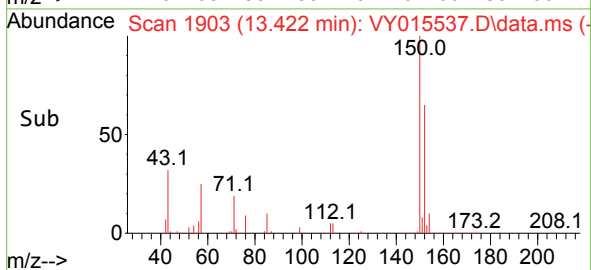
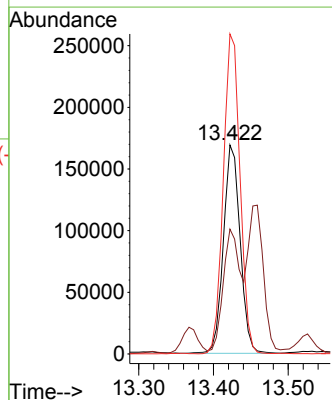
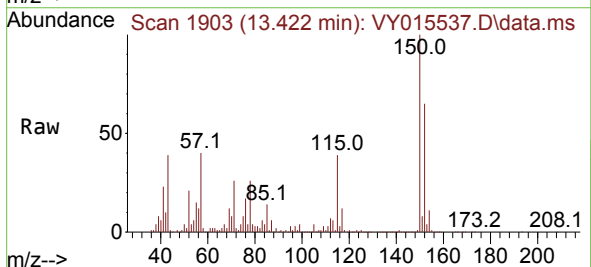
Instrument :
MSVOA_Y
ClientSampleId :

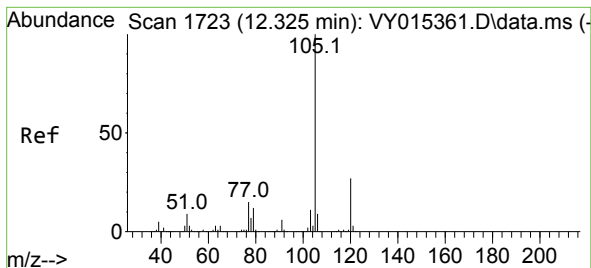
Tgt Ion: 91 Resp: 74077
Ion Ratio Lower Upper
91 100
106 29.9 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion:152 Resp: 263410
Ion Ratio Lower Upper
152 100
115 60.3 28.8 86.5
150 153.2 0.0 348.8





#73

Isopropylbenzene

Concen: 58.648 ug/l

RT: 12.331 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_Y

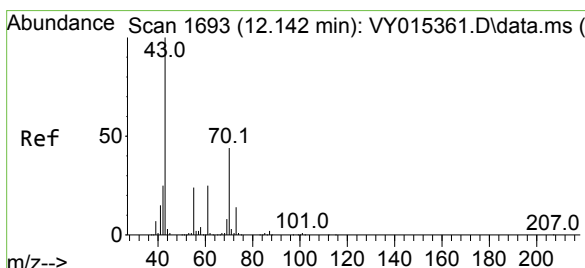
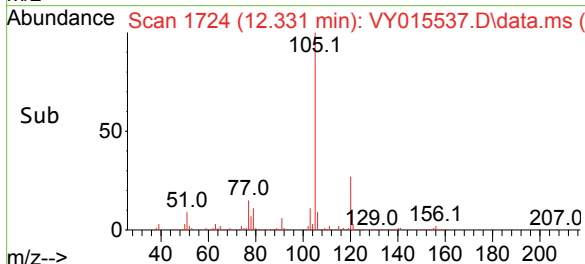
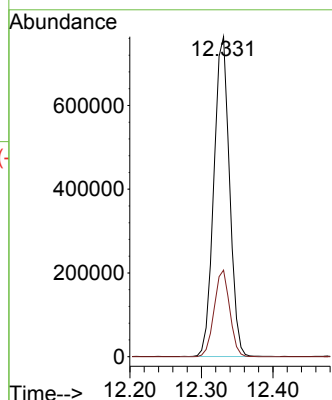
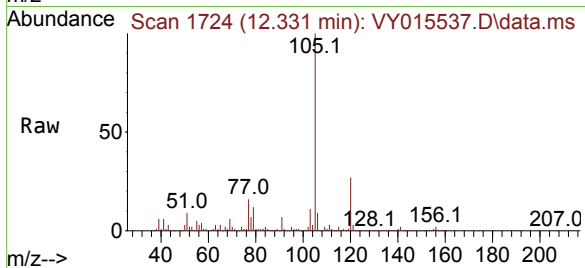
ClientSampleId :

Tgt Ion:105 Resp: 1160379

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 49.093 ug/l

RT: 12.124 min Scan# 1690

Delta R.T. -0.018 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Tgt Ion: 43 Resp: 326335

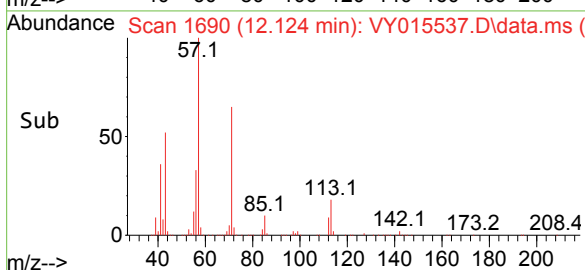
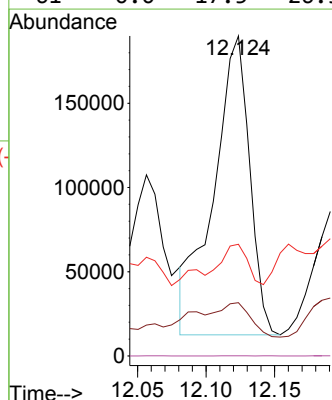
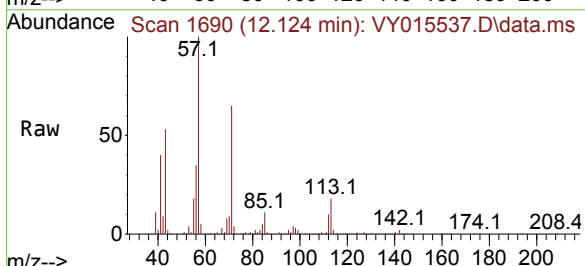
Ion Ratio Lower Upper

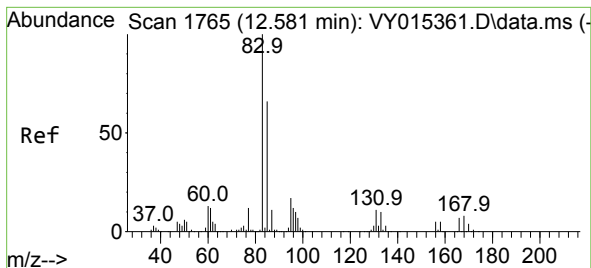
43 100

70 9.2 29.7 44.5#

55 9.8 18.3 27.5#

61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.887 ug/l

RT: 12.575 min Scan# 1764

Delta R.T. -0.006 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

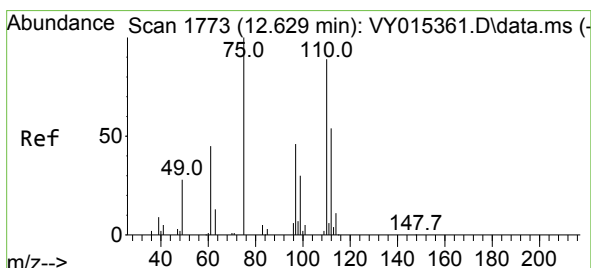
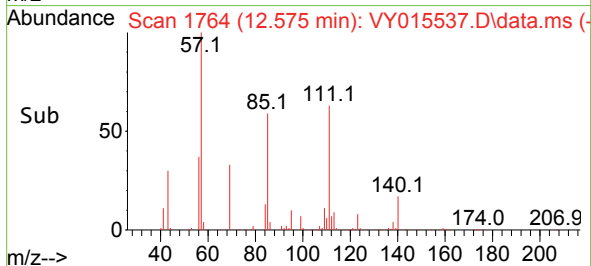
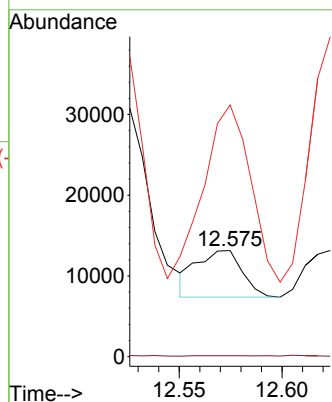
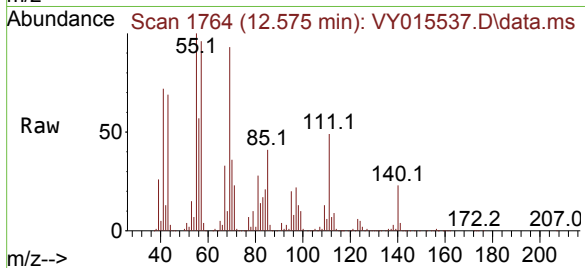
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83 Resp: 8914

Ion	Ratio	Lower	Upper
83	100		
131	1.2	5.4	16.2#
85	611.8	31.8	95.4#



#76

1,2,3-Trichloropropane

Concen: 11.601 ug/l

RT: 12.672 min Scan# 1780

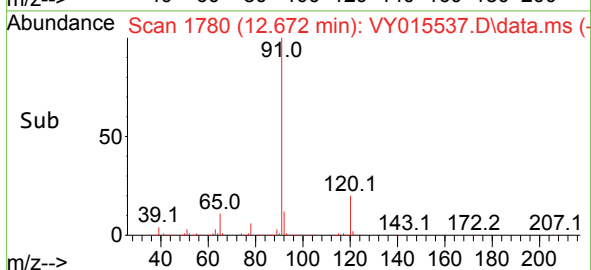
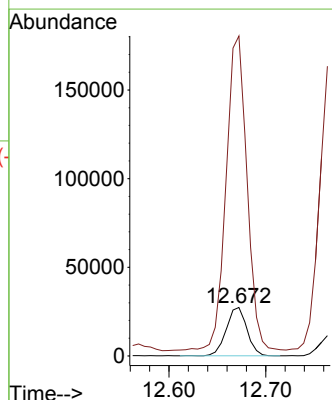
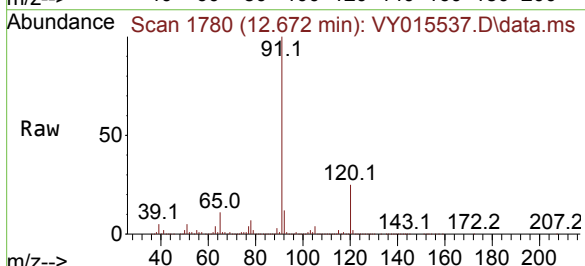
Delta R.T. 0.043 min

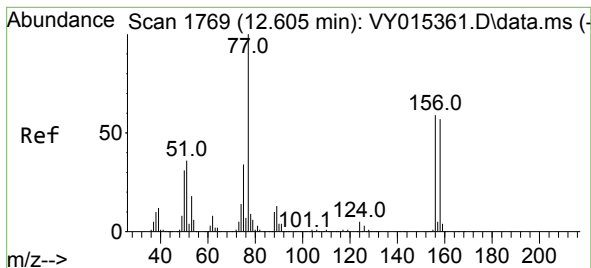
Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Tgt Ion: 75 Resp: 40523

Ion	Ratio	Lower	Upper
75	100		
77	657.2	0.0	0.0#





#77

Bromobenzene

Concen: 46.844 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. -0.219 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

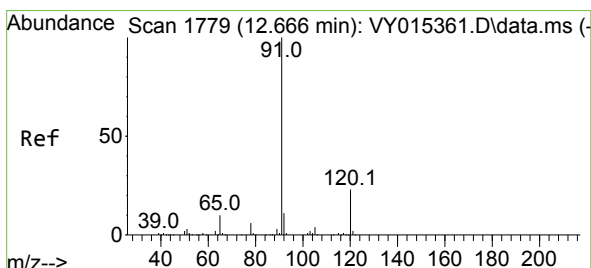
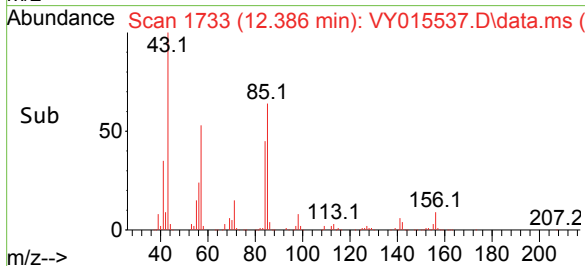
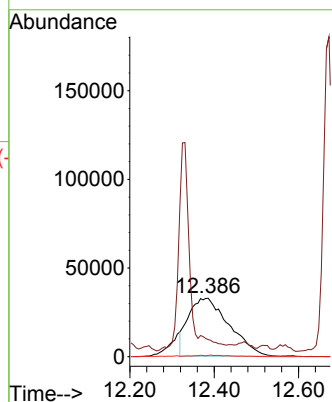
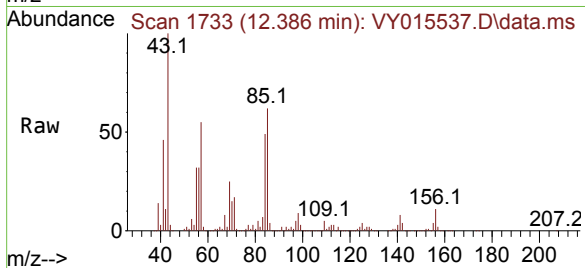
Tgt Ion:156 Resp: 219518

Ion Ratio Lower Upper

156 100

77 0.0 92.8 278.6#

158 0.6 48.4 145.3#



#78

n-propylbenzene

Concen: 263.234 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015537.D

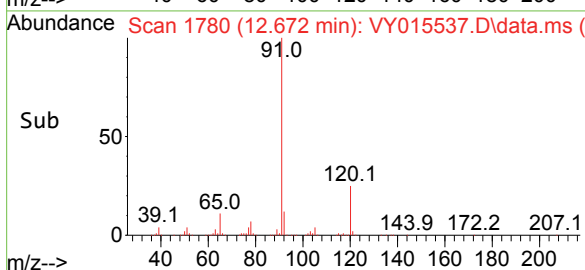
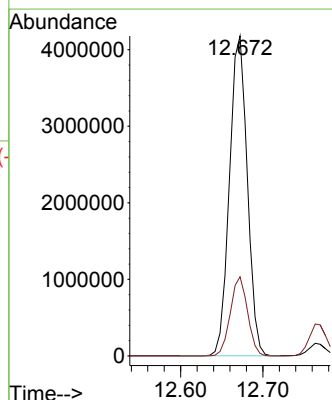
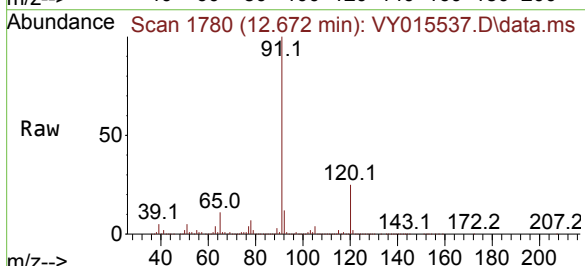
Acq: 14 Sep 2023 16:39

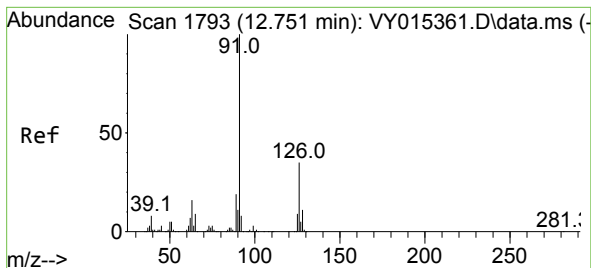
Tgt Ion: 91 Resp: 6302113

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4

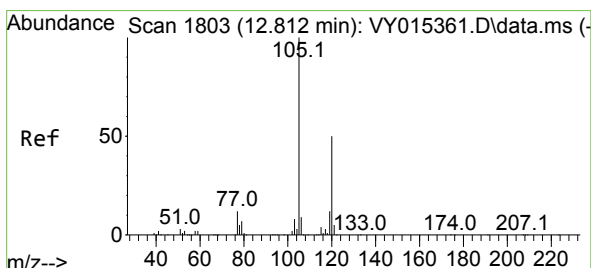
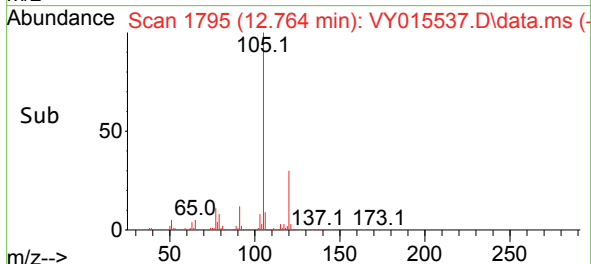
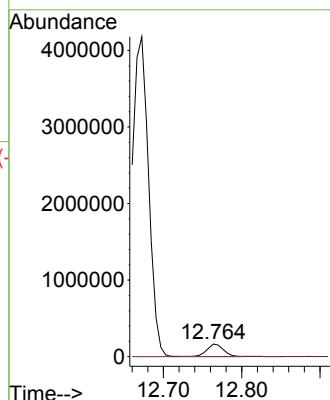
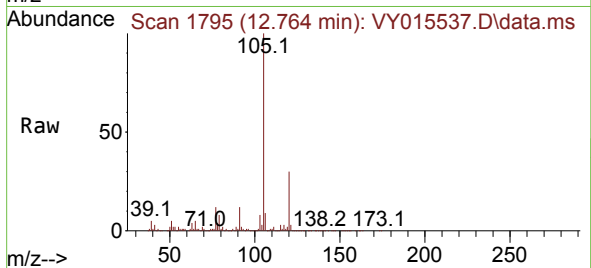




#79
2-Chlorotoluene
Concen: 17.825 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

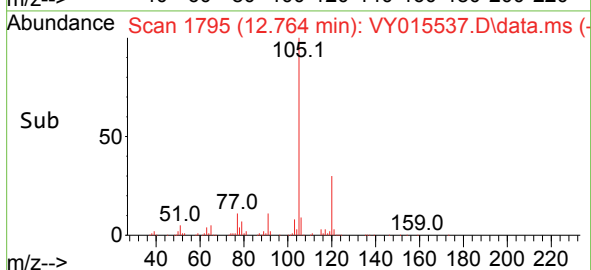
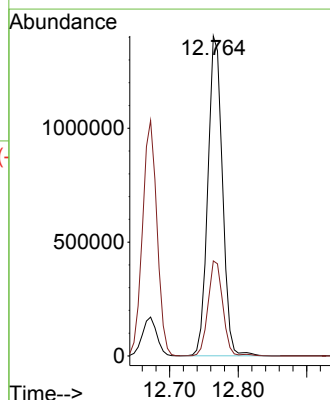
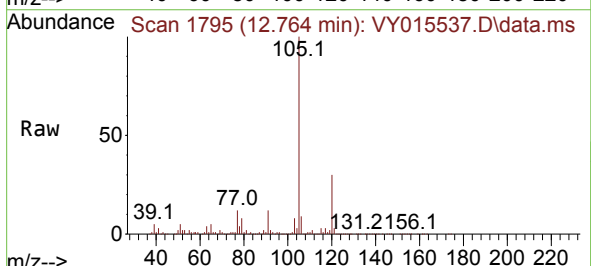
Instrument :
MSVOA_Y
ClientSampleId :

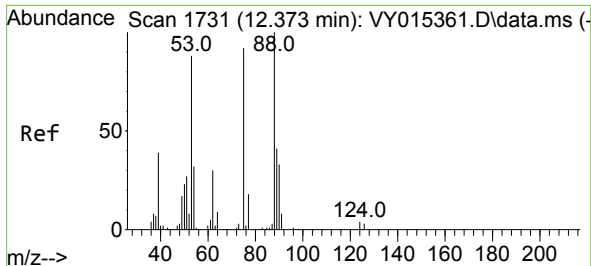
Tgt Ion: 91 Resp: 239363
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#



#80
1,3,5-Trimethylbenzene
Concen: 125.647 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.049 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion:105 Resp: 2079378
Ion Ratio Lower Upper
105 100
120 30.1 23.9 71.7

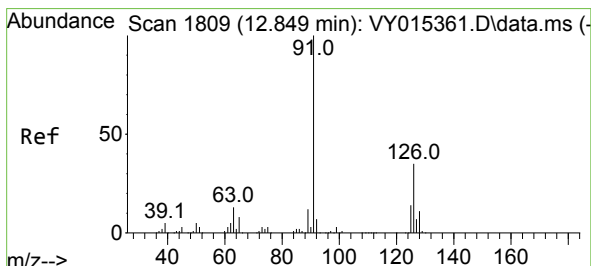
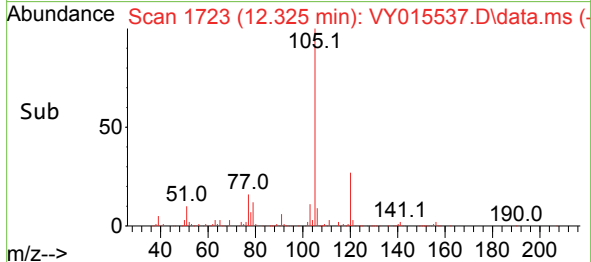
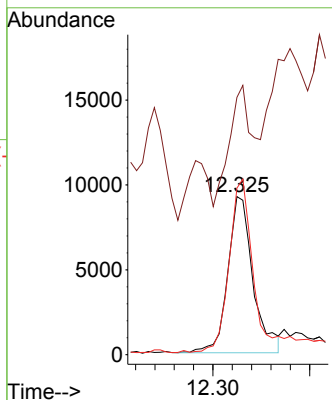
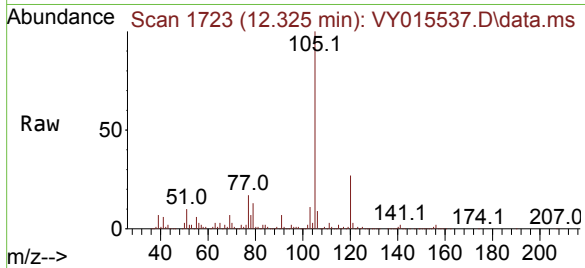




#81
trans-1,4-Dichloro-2-butene
Concen: 10.542 ug/l
RT: 12.325 min Scan# 1795
Delta R.T. -0.055 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

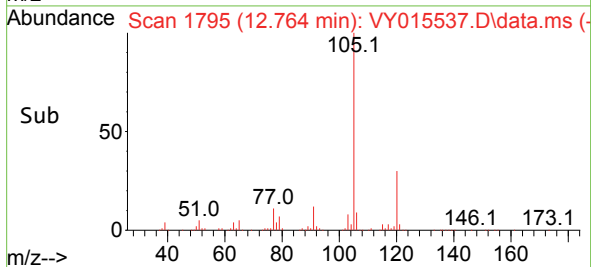
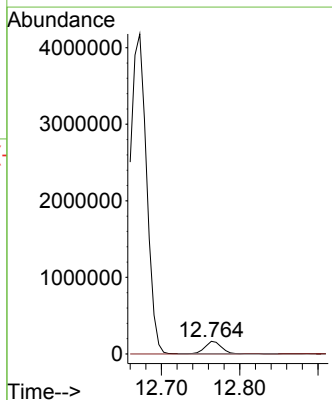
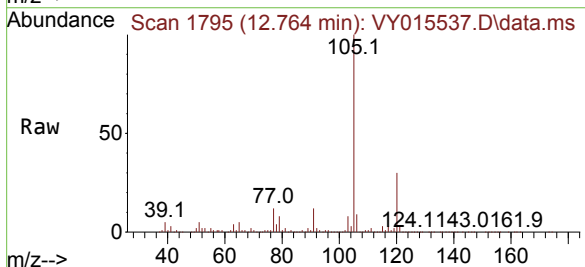
Instrument :
MSVOA_Y
ClientSampleId :

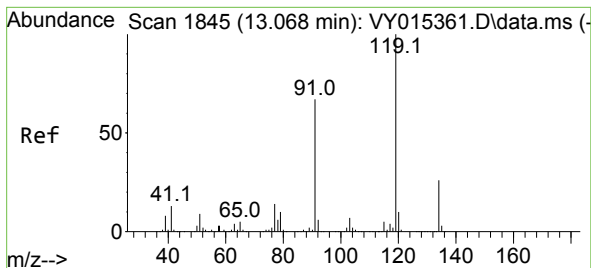
Tgt Ion: 75 Resp: 16693
Ion Ratio Lower Upper
75 100
53 123.3 77.8 116.8#
89 122.1 37.4 56.0#



#82
4-Chlorotoluene
Concen: 17.151 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.085 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion: 91 Resp: 239363
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#





#83

tert-Butylbenzene

Concen: 1.851 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015537.D

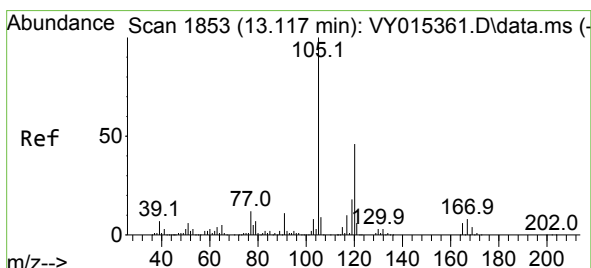
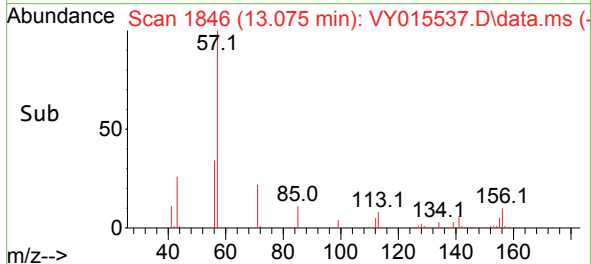
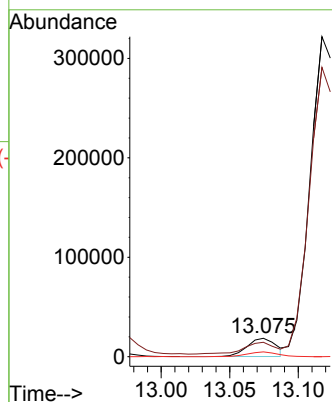
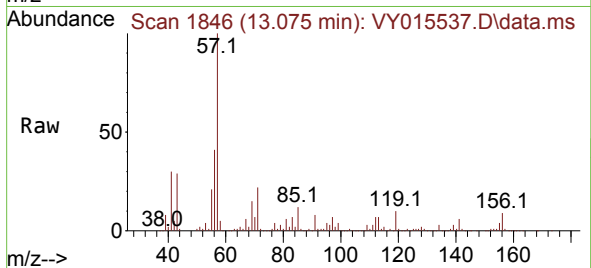
Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	119	Resp:	26824
Ion Ratio	Lower	Upper	
119	100		
91	67.7	32.9	98.6
134	0.0	13.0	38.9#



#84

1,2,4-Trimethylbenzene

Concen: 236.328 ug/l

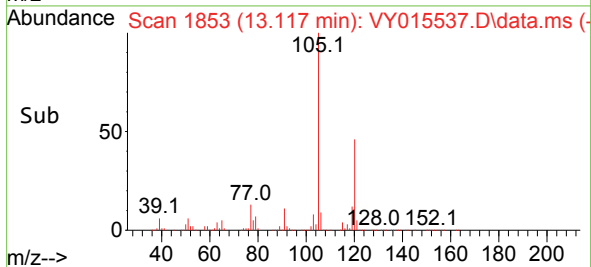
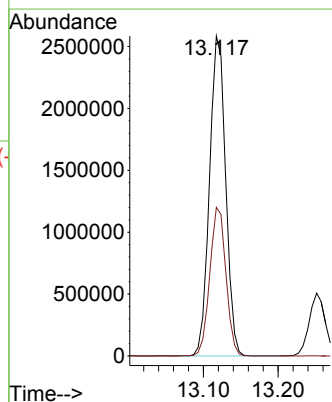
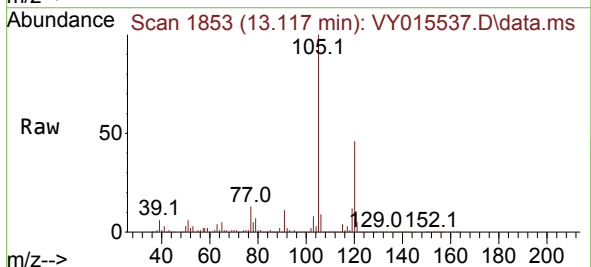
RT: 13.117 min Scan# 1853

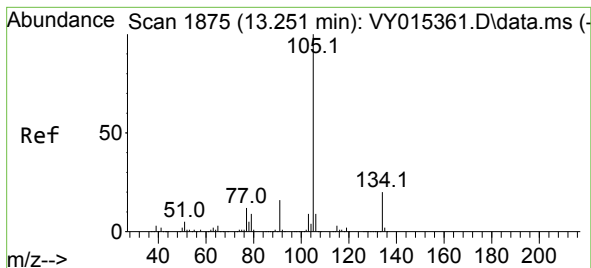
Delta R.T. 0.000 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Tgt Ion:	105	Resp:	3883258
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.2	66.6





#85

sec-Butylbenzene

Concen: 34.719 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_Y

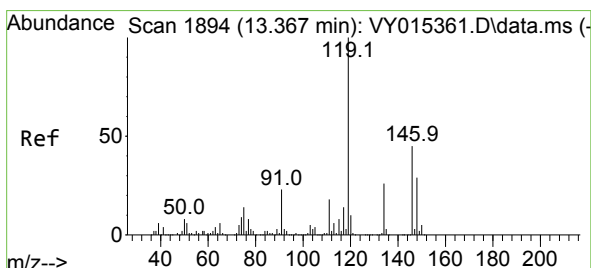
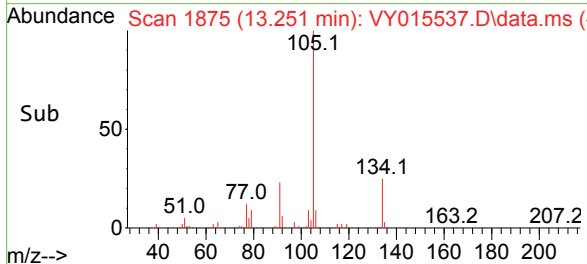
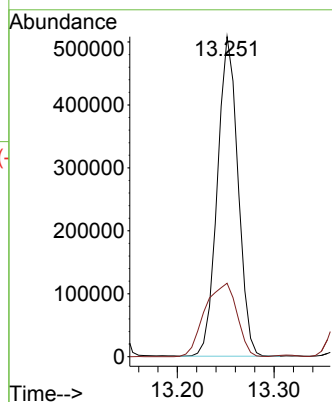
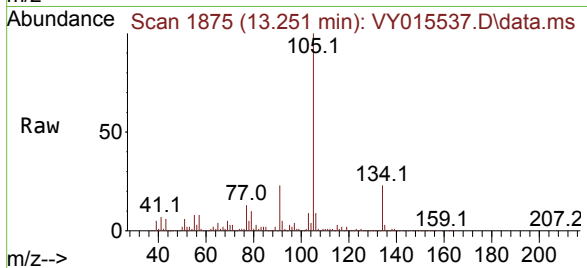
ClientSampleId :

Tgt Ion:105 Resp: 750635

Ion Ratio Lower Upper

105 100

134 35.9 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 21.754 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

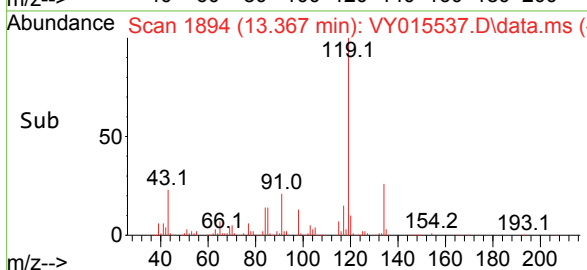
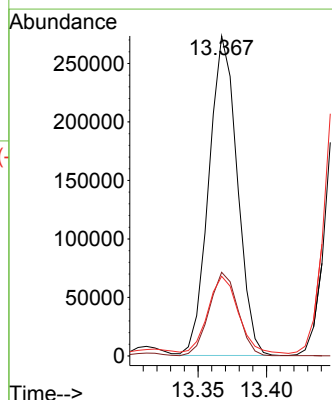
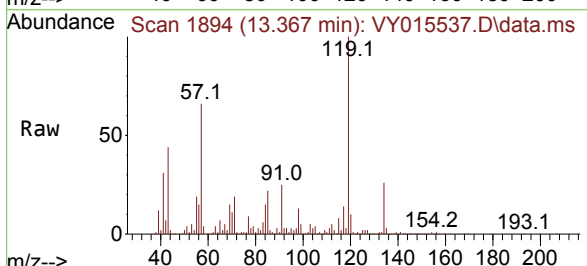
Tgt Ion:119 Resp: 394191

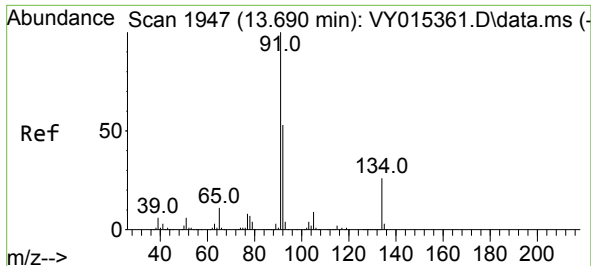
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 25.6 12.4 37.4





#89

n-Butylbenzene

Concen: 95.006 ug/l

RT: 13.672 min Scan# 1944

Delta R.T. -0.024 min

Lab File: VY015537.D

Acq: 14 Sep 2023 16:39

Instrument :

MSVOA_Y

ClientSampleId :

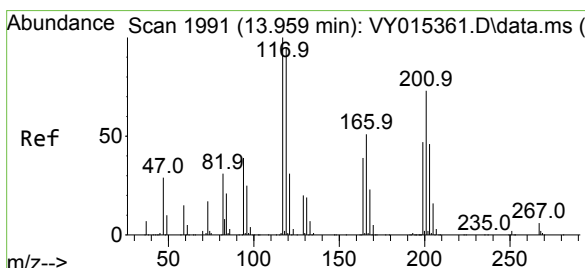
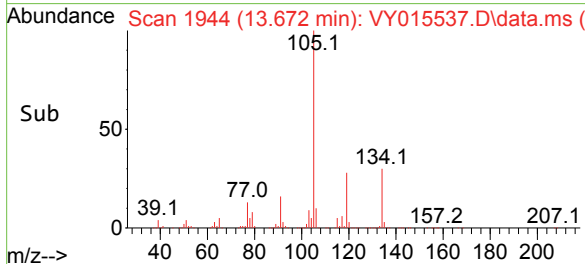
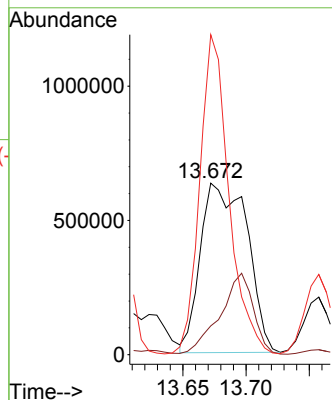
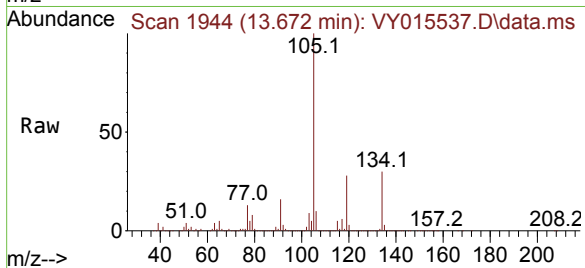
Tgt Ion: 91 Resp: 1620312

Ion Ratio Lower Upper

91 100

92 0.0 25.4 76.0#

134 117.5 12.6 37.6#



#90

Hexachloroethane

Concen: 596.984 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.018 min

Lab File: VY015537.D

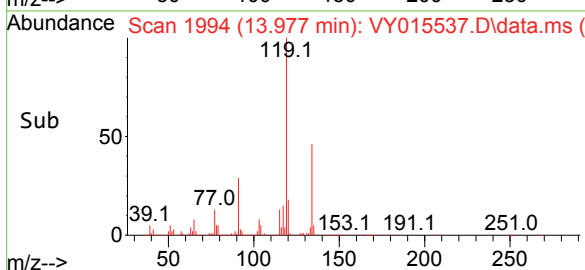
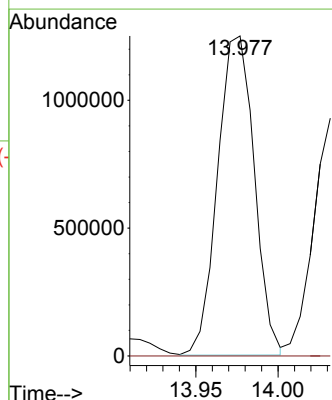
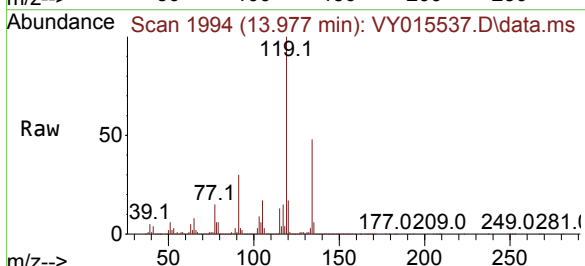
Acq: 14 Sep 2023 16:39

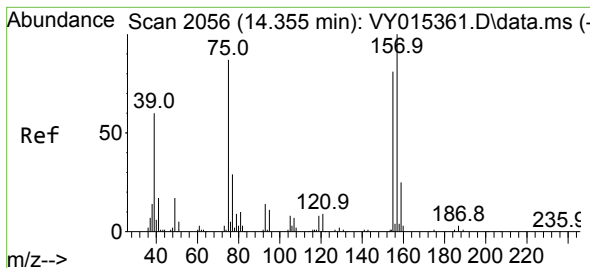
Tgt Ion: 117 Resp: 1934687

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#

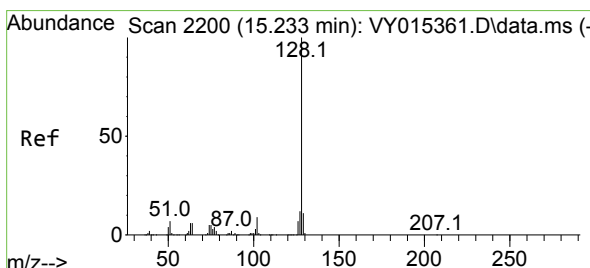
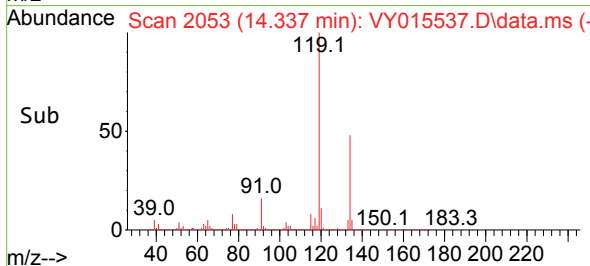
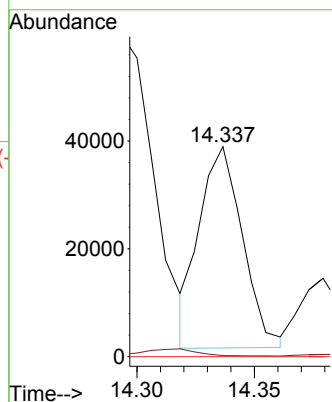
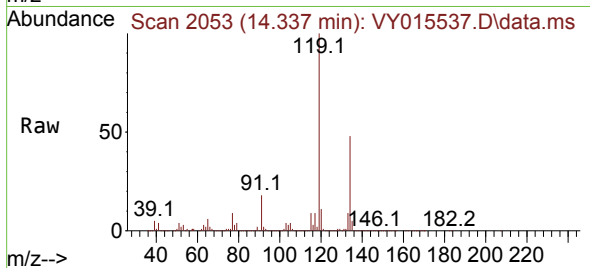




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.978 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47630
Ion Ratio Lower Upper
75 100
155 4.1 41.5 124.6#
157 0.0 51.8 155.5#



#95
Naphthalene
Concen: 105.639 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015537.D
Acq: 14 Sep 2023 16:39

Tgt Ion:128 Resp: 1387453
Ion Ratio Lower Upper
128 100
127 15.6 10.8 16.2
129 12.5 8.6 13.0

