

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015838.D
 Acq On : 04 Oct 2023 19:23
 Operator : SY/MD
 Sample : 04731-04
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 06:58:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

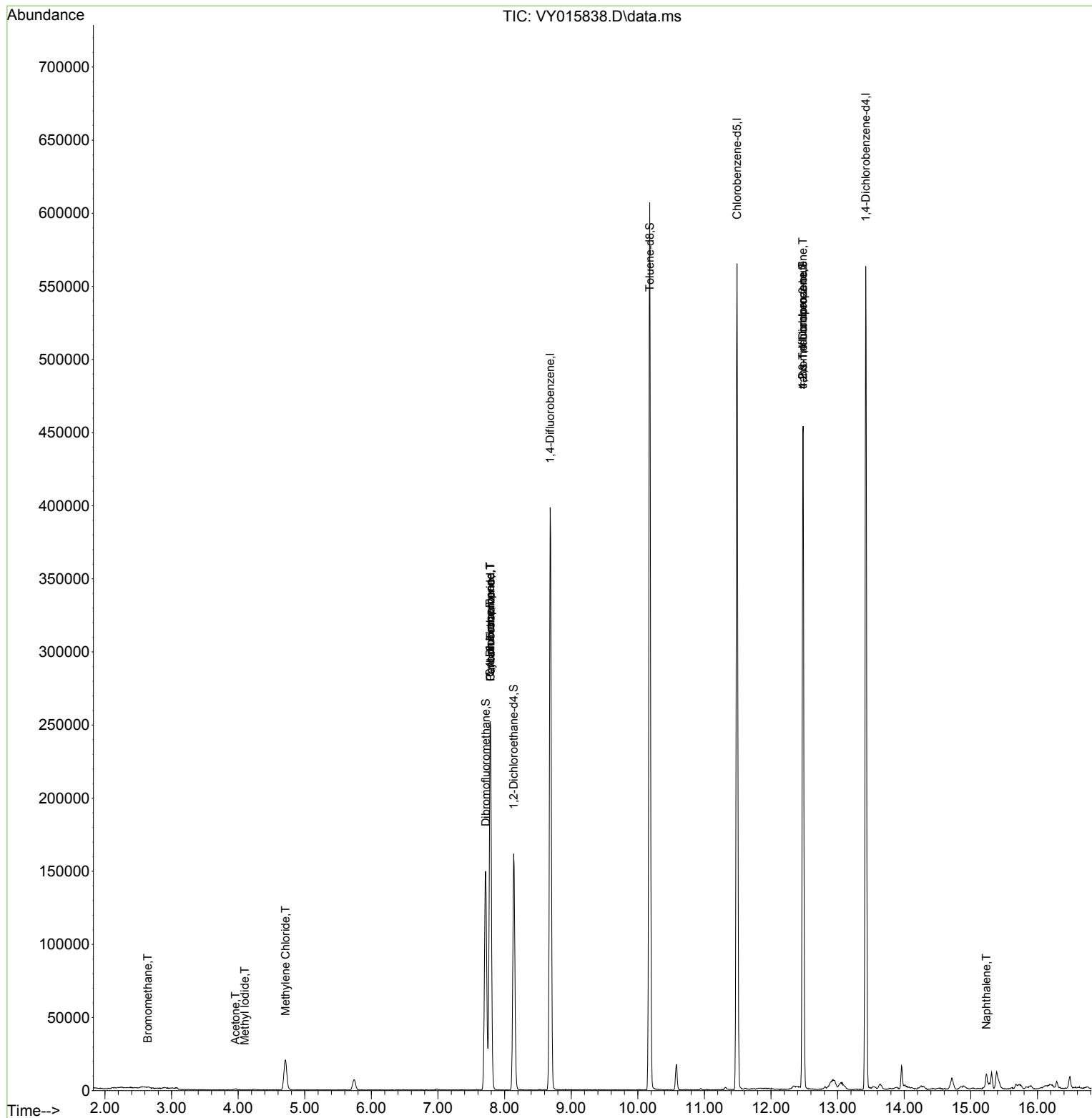
Internal Standards						
1) Pentafluorobenzene	7.789	168	200576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	340261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	309847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124167	56.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.520%	
35) Dibromofluoromethane	7.716	113	108235	53.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.300%	
50) Toluene-d8	10.179	98	398506	57.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.420%	
62) 4-Bromofluorobenzene	12.477	95	138576	51.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.280%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	203	2.659	ug/l #	65
10) Methyl Iodide	4.100	142	49	2.748	ug/l #	38
16) Acetone	3.960	43	1488	1.260	ug/l #	83
20) Methylene Chloride	4.710	84	15597	1.318	ug/l	91
31) Cyclohexane	7.783	56	4066	1.330	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15443	5.128	ug/l #	49
38) Carbon Tetrachloride	7.789	117	19617	6.002	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	73845	31.454	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	73845	70.831	ug/l #	11
95) Naphthalene	15.233	128	8526	1.047	ug/l	99

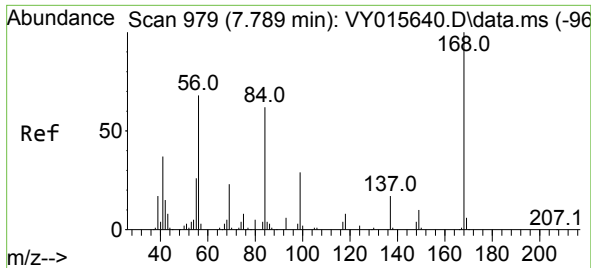
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
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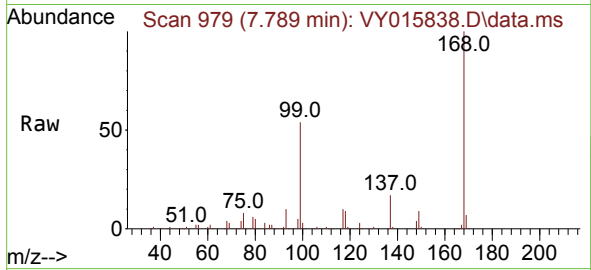
Quant Time: Oct 05 06:58:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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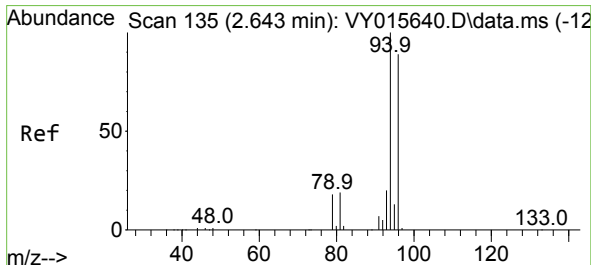
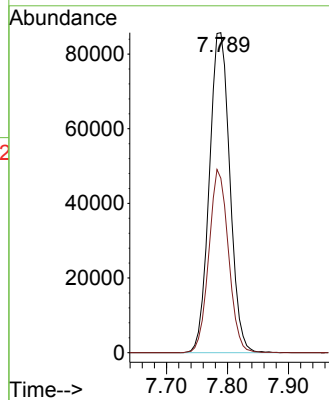
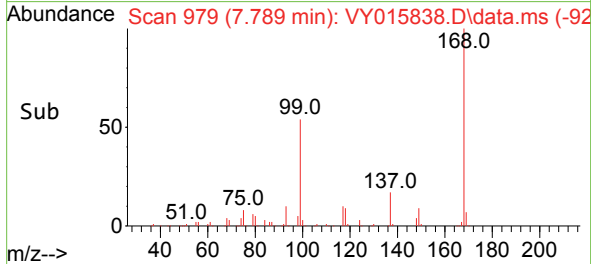


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

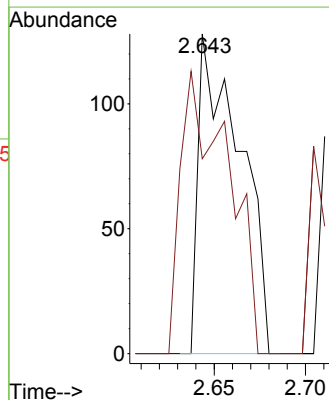
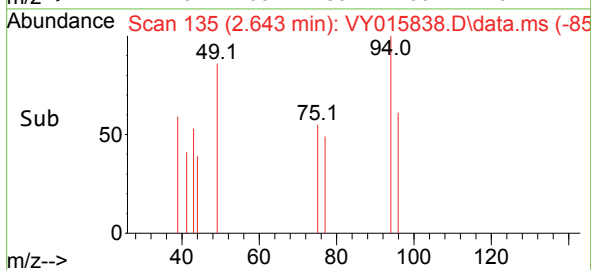
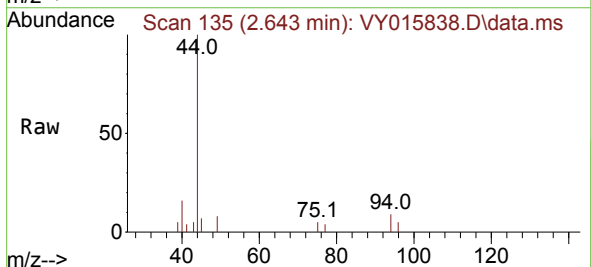


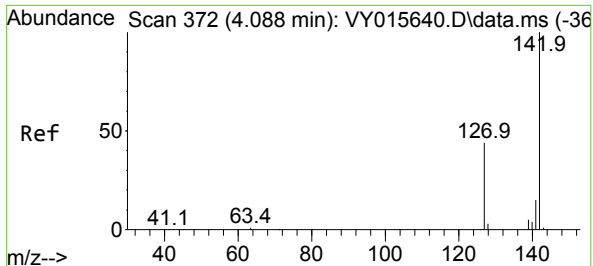
Tgt Ion:168 Resp: 200576
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#5
Bromomethane
Concen: 2.659 ug/l
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

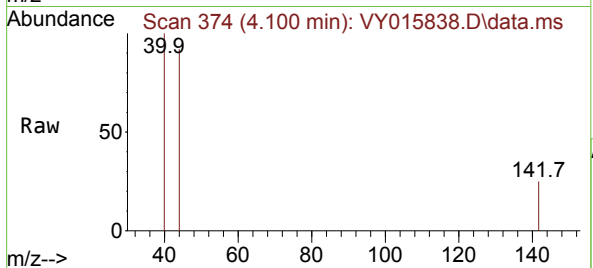
Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 60.9 75.8 113.6#



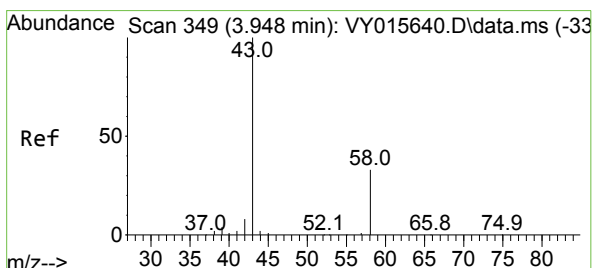
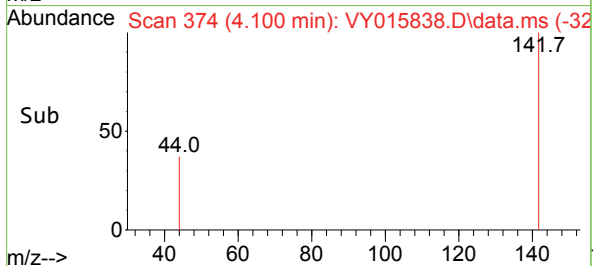
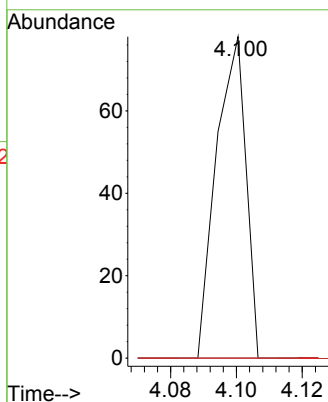


#10
Methyl Iodide
Concen: 2.748 ug/l
RT: 4.100 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

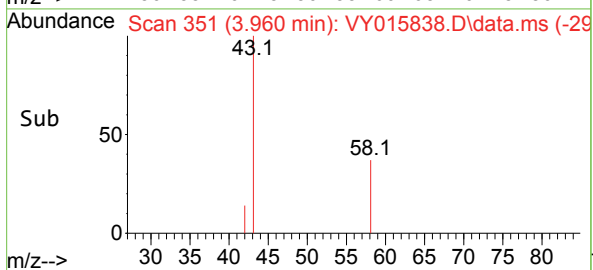
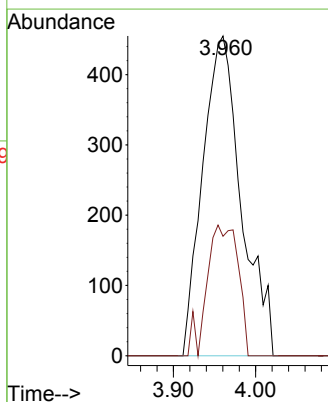
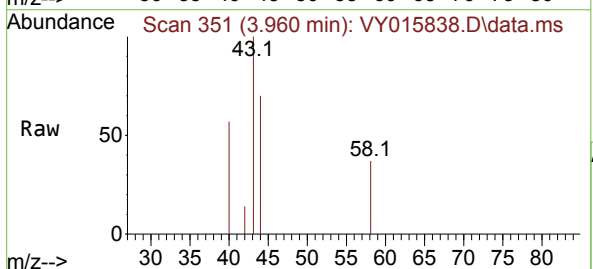


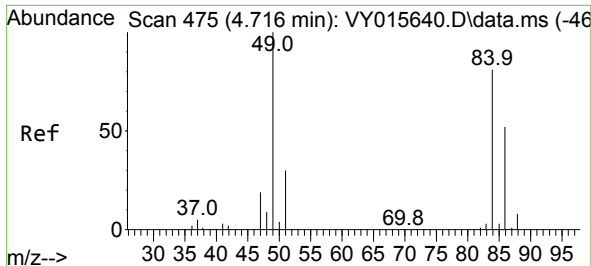
Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.260 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

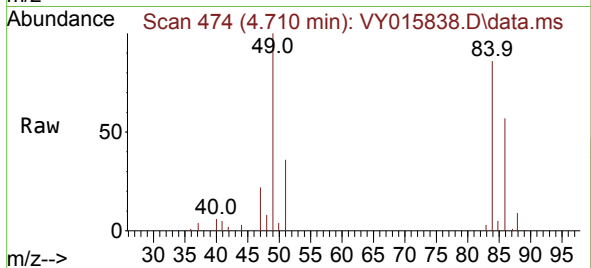
Tgt Ion: 43 Resp: 1488
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#





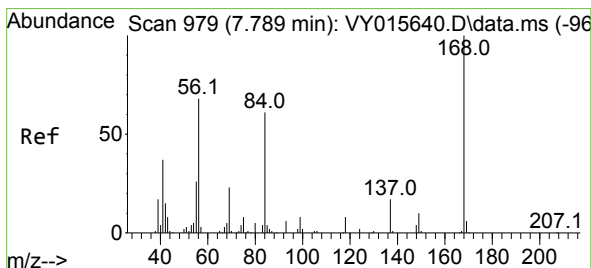
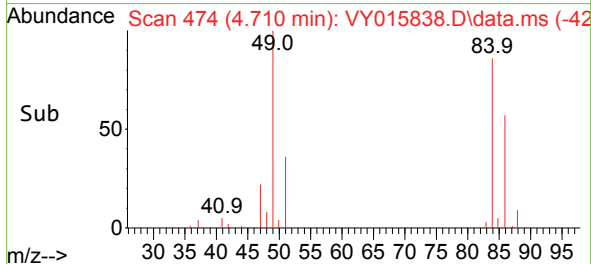
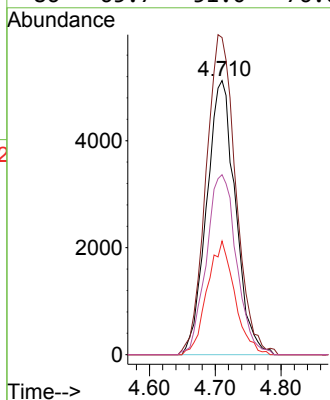
#20
Methylene Chloride
Concen: 1.318 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15597

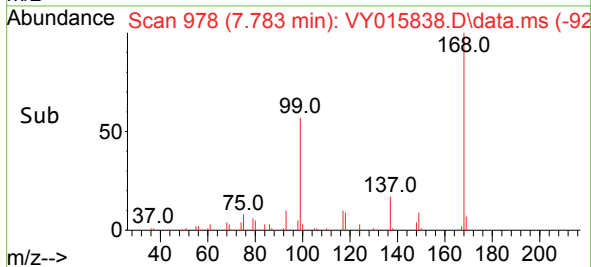
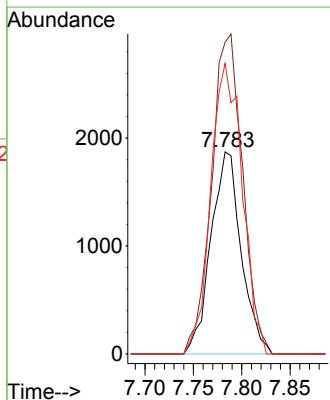
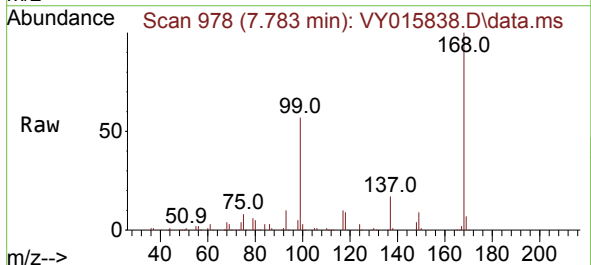
Ion	Ratio	Lower	Upper
84	100		
49	115.7	106.9	160.3
51	41.5	33.2	49.8
86	65.7	51.0	76.6

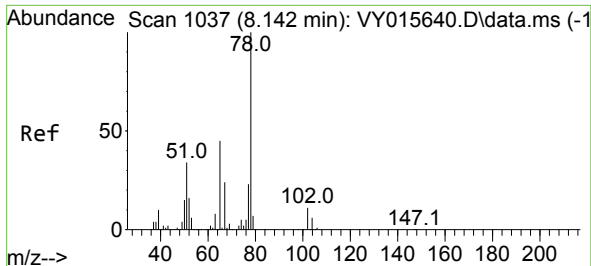


#31
Cyclohexane
Concen: 1.330 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Tgt Ion: 56 Resp: 4066

Ion	Ratio	Lower	Upper
56	100		
69	154.2	27.8	41.6#
84	143.8	66.4	99.6#

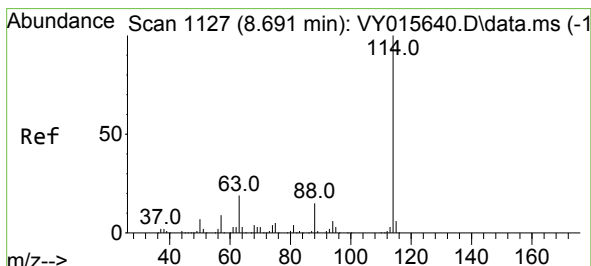
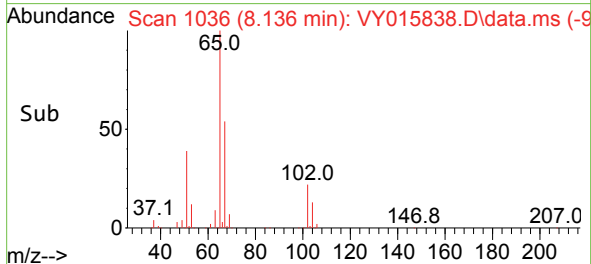
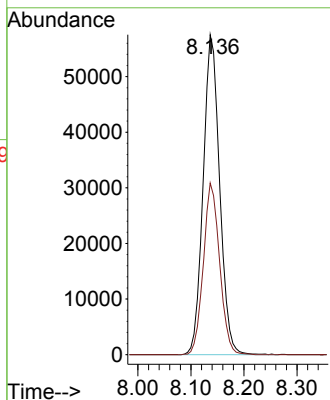
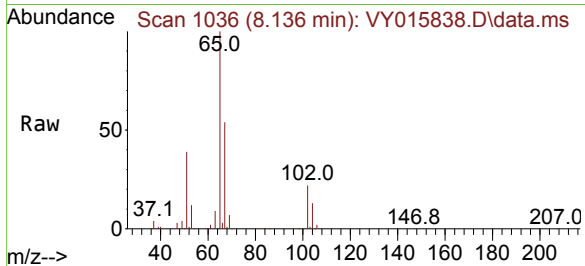




#33
 1,2-Dichloroethane-d4
 Concen: 56.263 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015838.D
 Acq: 04 Oct 2023 19:23

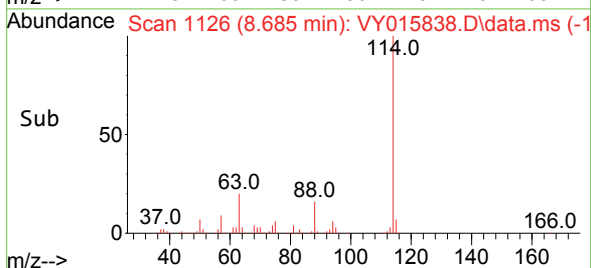
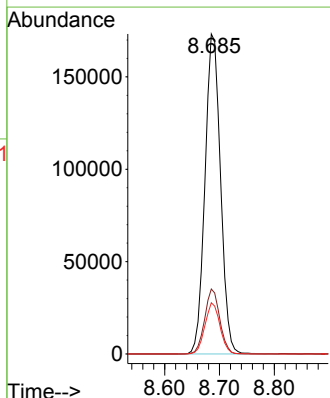
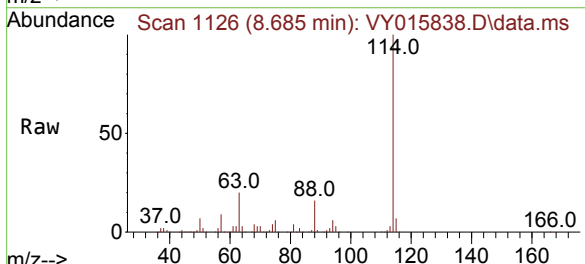
Instrument :
 MSVOA_Y
 ClientSampleId :

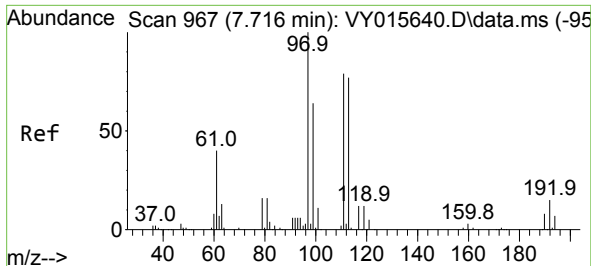
Tgt Ion: 65 Resp: 124167
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015838.D
 Acq: 04 Oct 2023 19:23

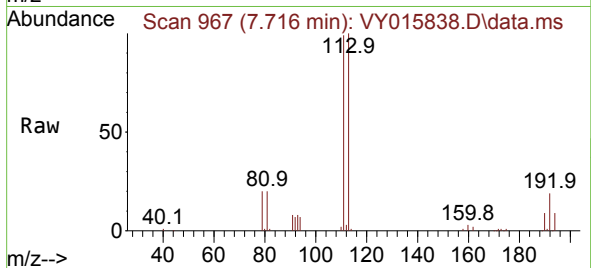
Tgt Ion: 114 Resp: 340261
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.4
 88 16.0 0.0 30.6



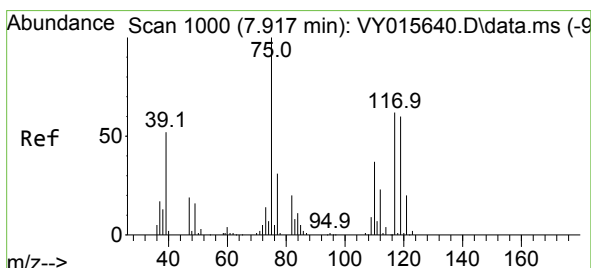
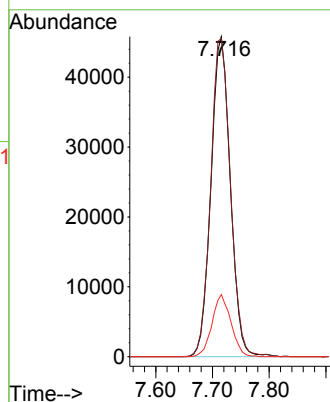
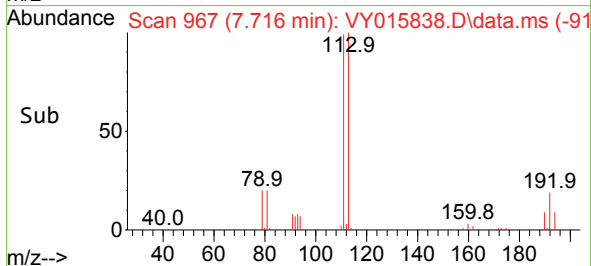


#35
Dibromofluoromethane
Concen: 53.145 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

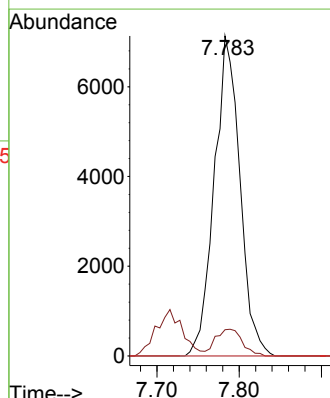
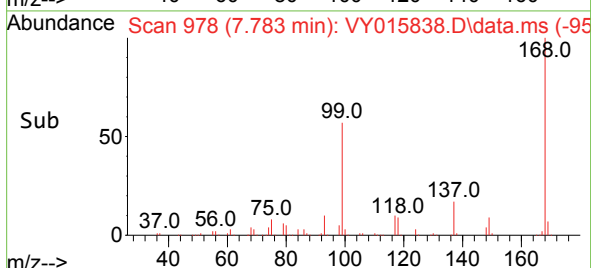
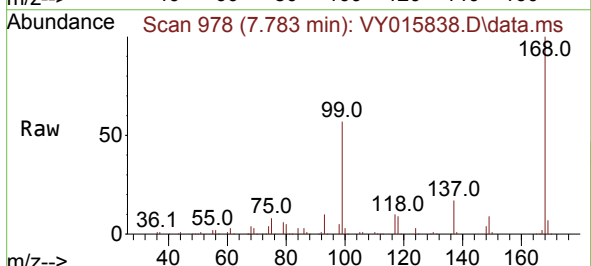


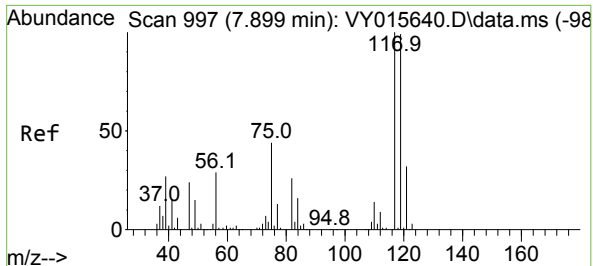
Tgt Ion:113 Resp: 108235
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

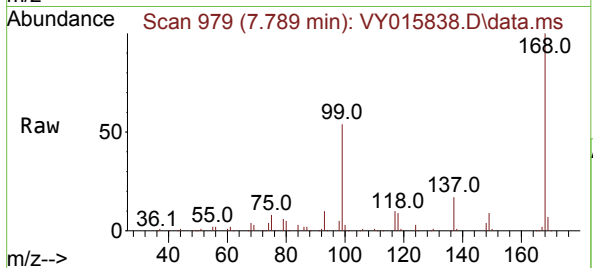
Tgt Ion: 75 Resp: 15443
Ion Ratio Lower Upper
75 100
110 8.7 17.8 53.5#
77 0.0 24.4 36.6#



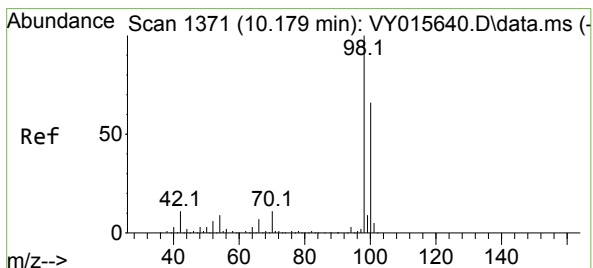
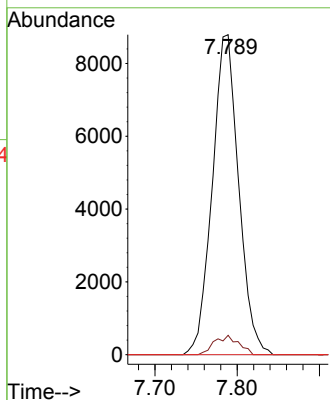
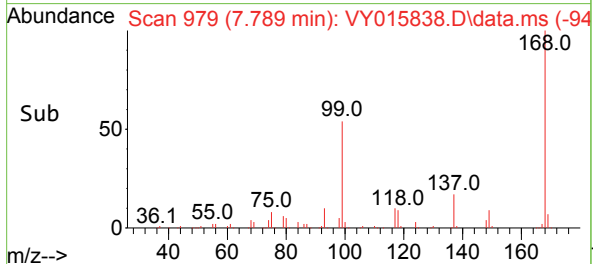


#38
Carbon Tetrachloride
Concen: 6.002 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

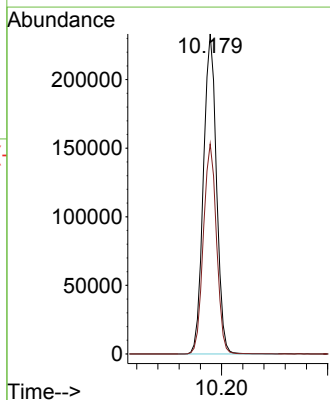
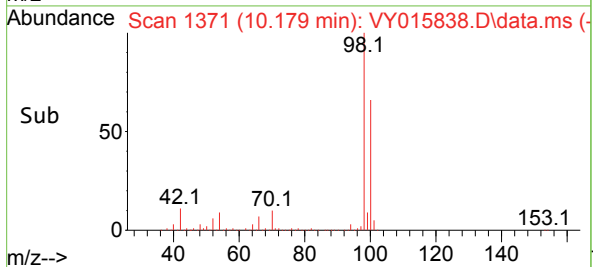
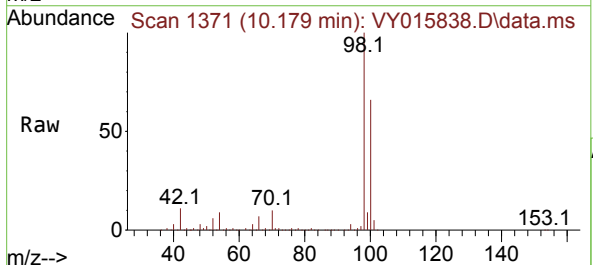


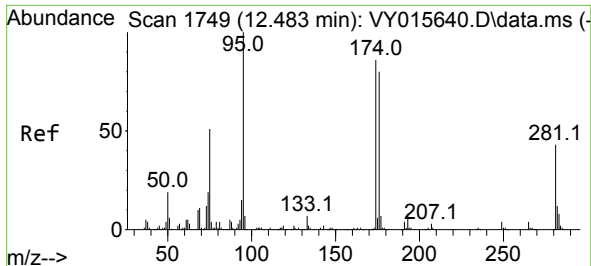
Tgt Ion:117 Resp: 19617
Ion Ratio Lower Upper
117 100
119 6.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 57.710 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

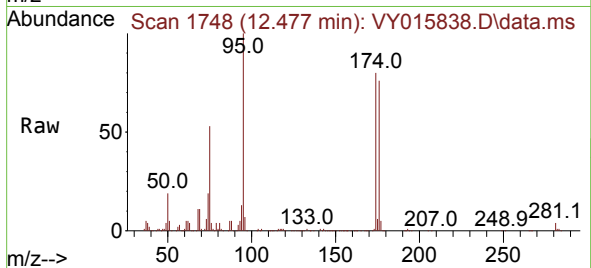
Tgt Ion: 98 Resp: 398506
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1



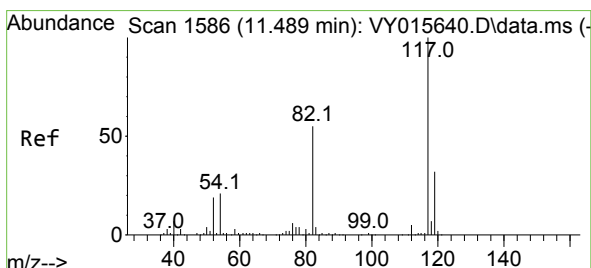
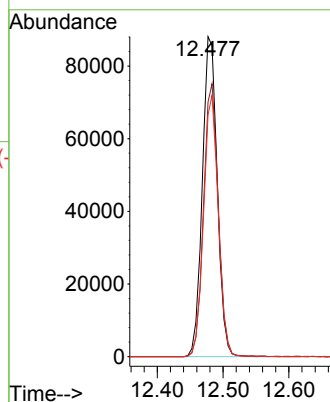
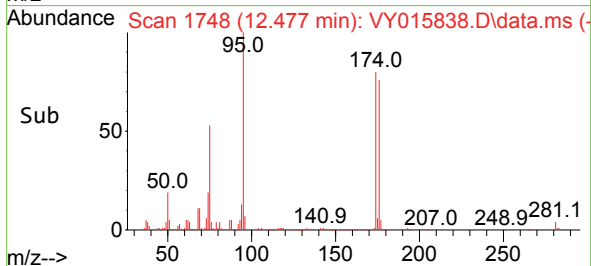


#62
4-Bromofluorobenzene
Concen: 51.137 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Instrument :
MSVOA_Y
ClientSampleId :

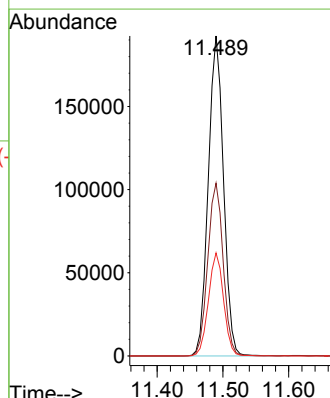
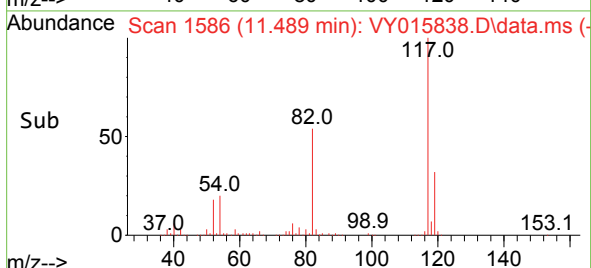
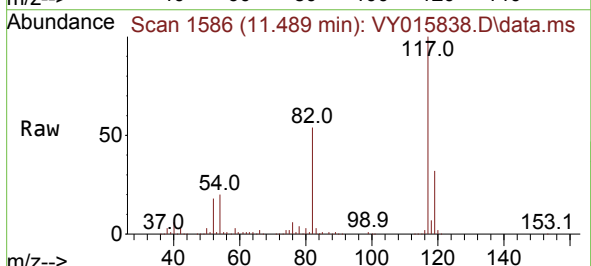


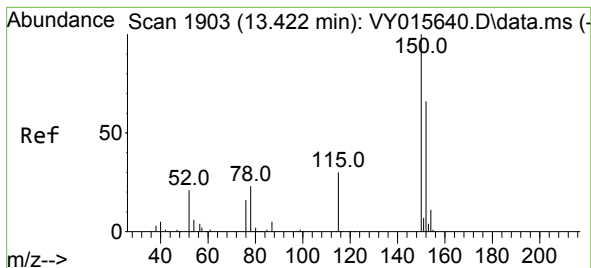
Tgt Ion: 95 Resp: 138576
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 80.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

Tgt Ion: 117 Resp: 309847
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 32.2 26.3 39.5

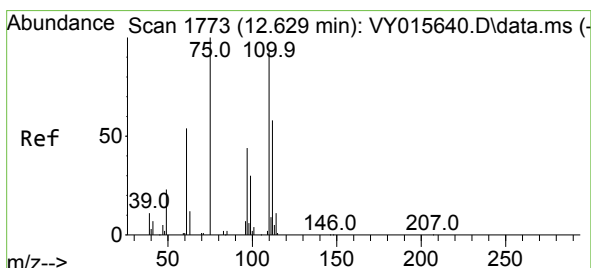
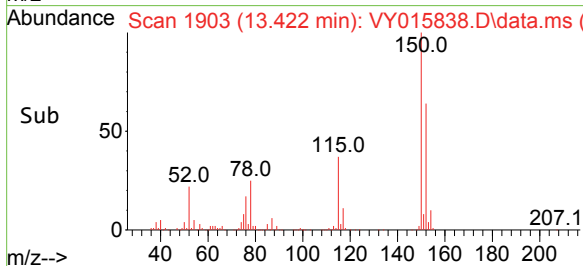
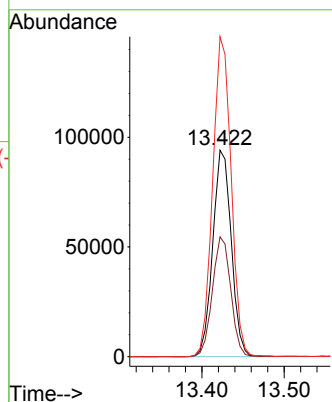
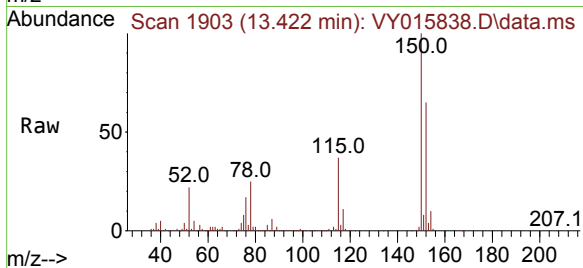




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015838.D
 Acq: 04 Oct 2023 19:23

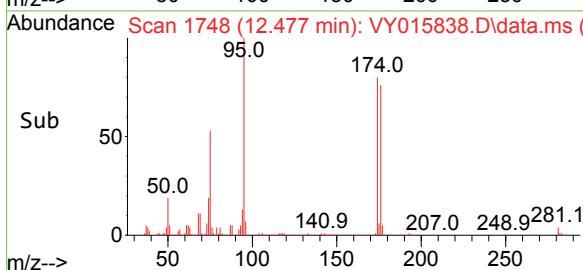
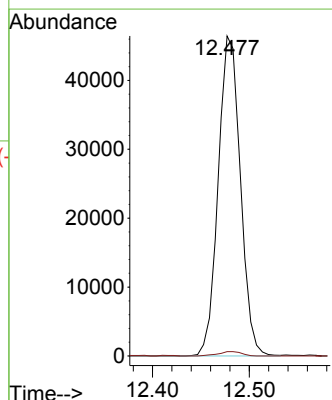
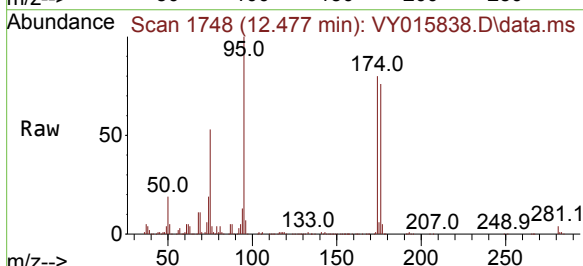
Instrument :
 MSVOA_Y
 ClientSampleId :

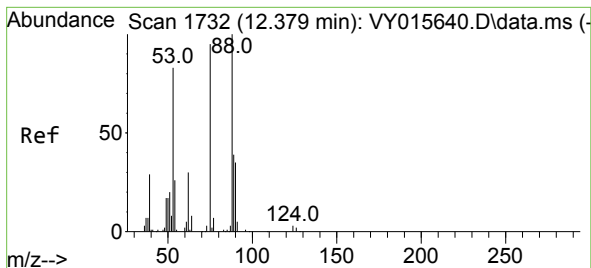
Tgt Ion:152 Resp: 147161
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.8 86.5
 150 154.7 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 31.454 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015838.D
 Acq: 04 Oct 2023 19:23

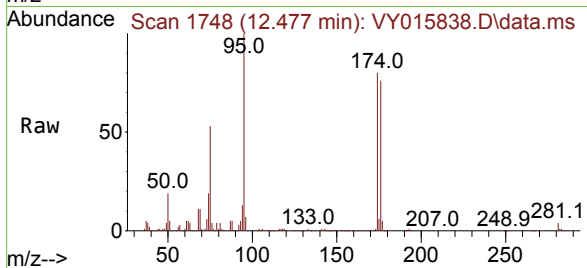
Tgt Ion: 75 Resp: 73845
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



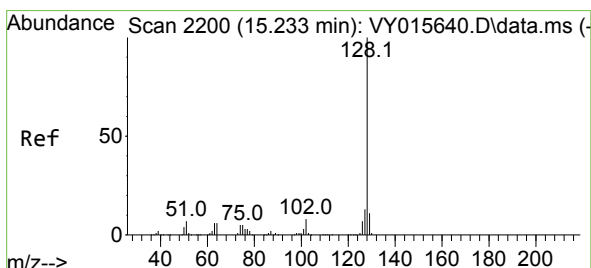
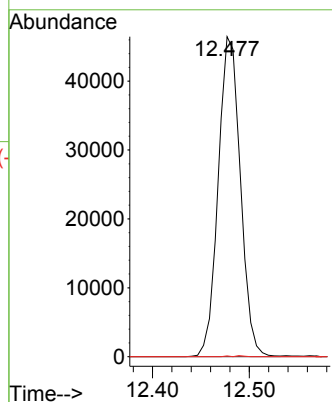
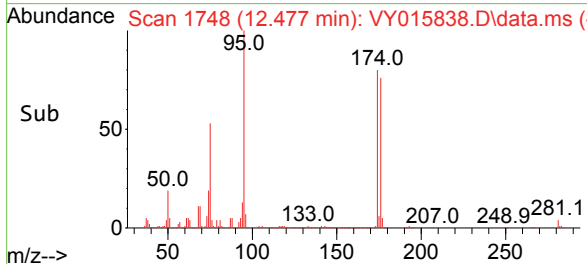


#81
trans-1,4-Dichloro-2-butene
Concen: 70.831 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23

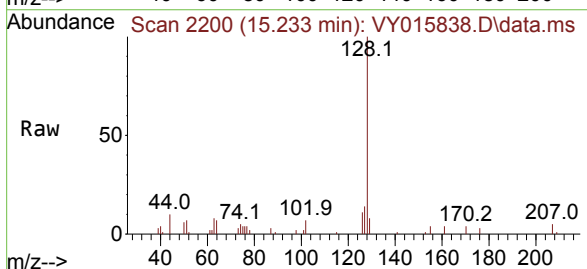
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 73845
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.2 37.4 56.0#



#95
Naphthalene
Concen: 1.047 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY015838.D
Acq: 04 Oct 2023 19:23



Tgt Ion: 128 Resp: 8526
Ion Ratio Lower Upper
128 100
127 13.9 10.8 16.2
129 11.6 8.6 13.0

