

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015687.D
 Acq On : 22 Sep 2023 16:17
 Operator : SY/MD
 Sample : 04582-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:57:17 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)

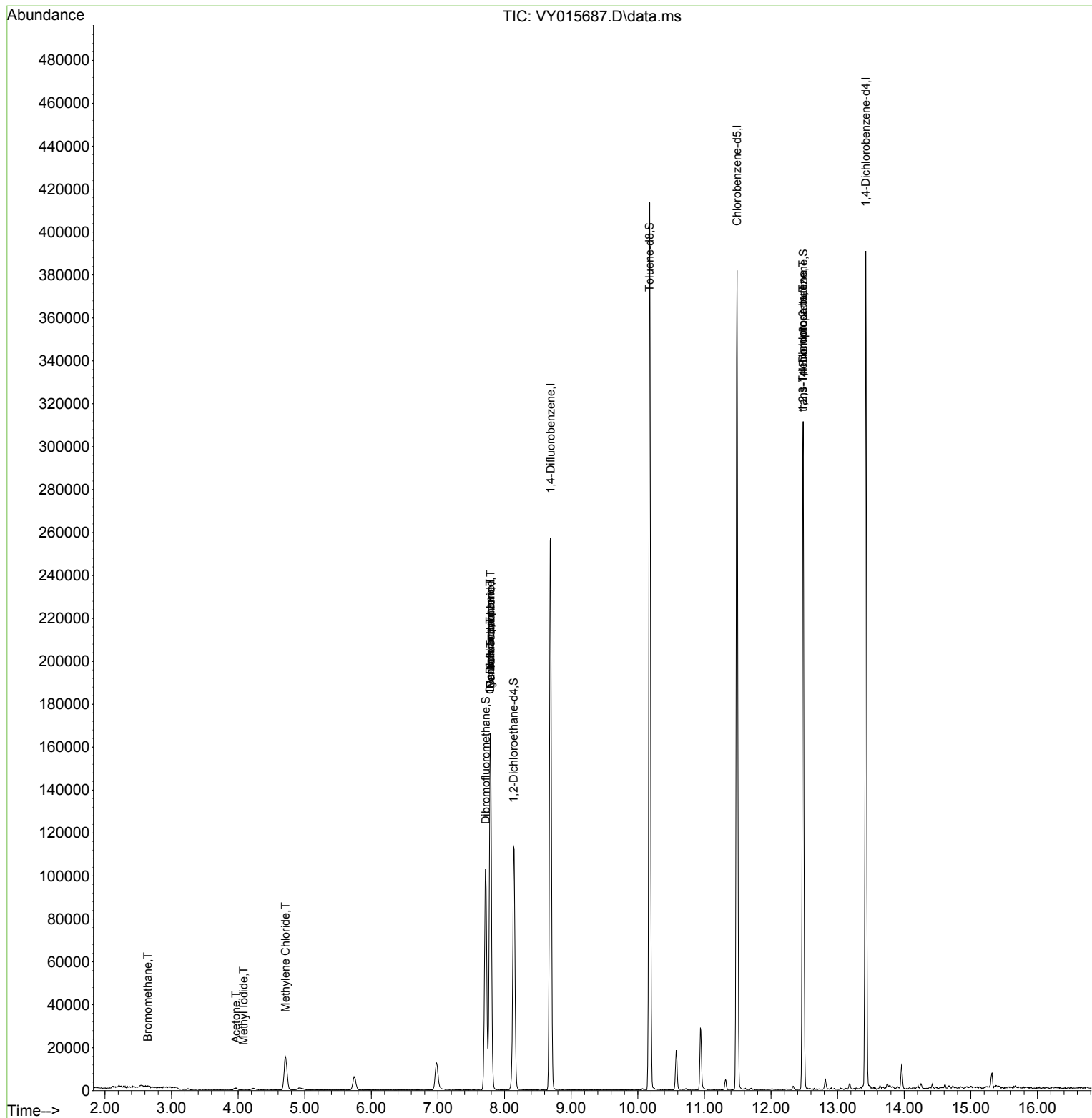
Internal Standards						
1) Pentafluorobenzene	7.789	168	130804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	225167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	208146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	95407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87228	60.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.220%	
35) Dibromofluoromethane	7.716	113	73506	54.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.080%	
50) Toluene-d8	10.179	98	265777	58.162	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.320%	
62) 4-Bromofluorobenzene	12.483	95	88456	49.327	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.644	94	158	2.678	ug/l #	2
10) Methyl Iodide	4.082	142	66	2.769	ug/l #	38
11) Tert butyl alcohol	4.930	59	1235	Below Cal	#	89
16) Acetone	3.967	43	1261	1.637	ug/l #	89
20) Methylene Chloride	4.710	84	11849	2.419	ug/l	91
31) Cyclohexane	7.783	56	2899	1.454	ug/l #	29
36) 1,1-Dichloropropene	7.783	75	10513	5.276	ug/l #	49
38) Carbon Tetrachloride	7.789	117	13275	6.137	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	46919	30.826	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46919	69.417	ug/l #	11

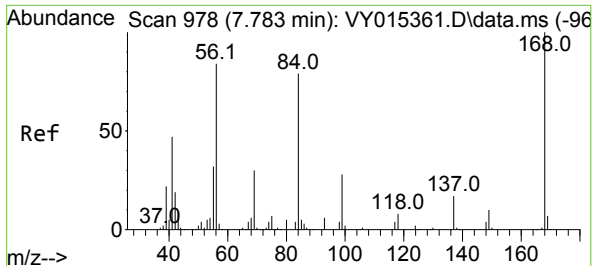
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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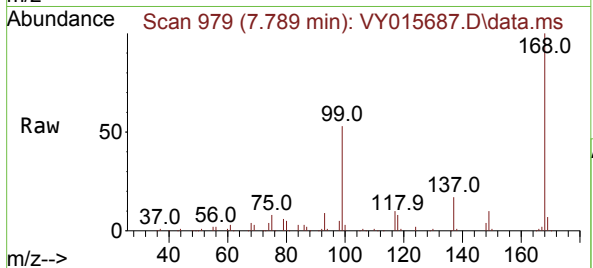
Quant Time: Sep 22 22:57:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
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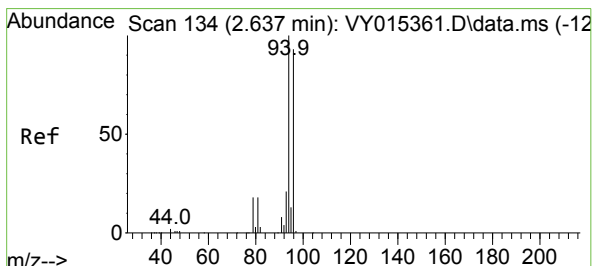
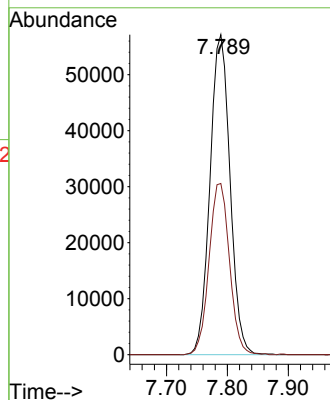
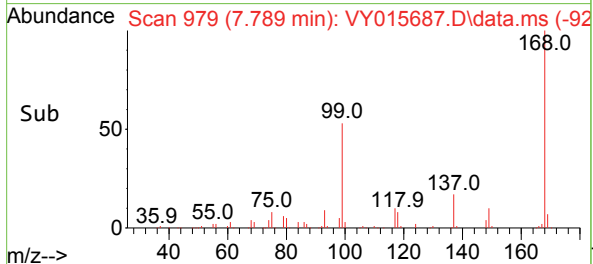


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

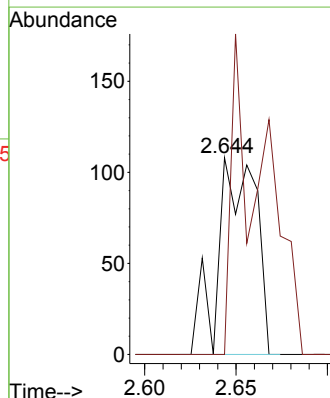
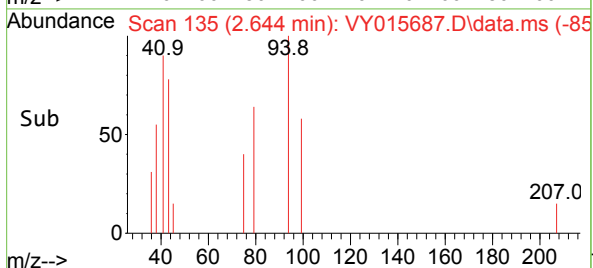
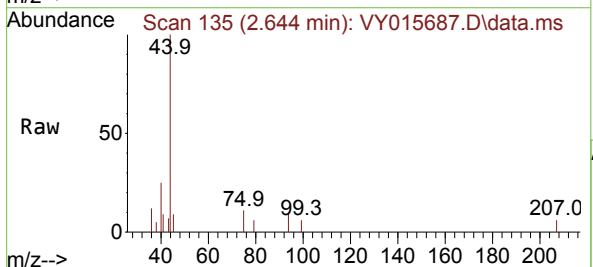


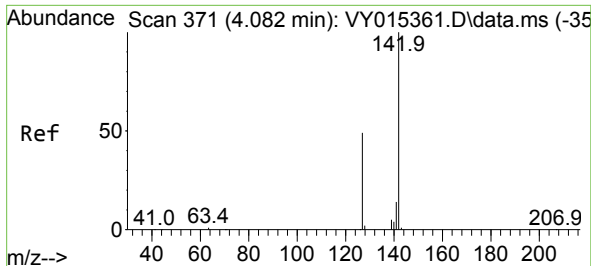
Tgt Ion:168 Resp: 130804
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#5
Bromomethane
Concen: 2.678 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.007 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

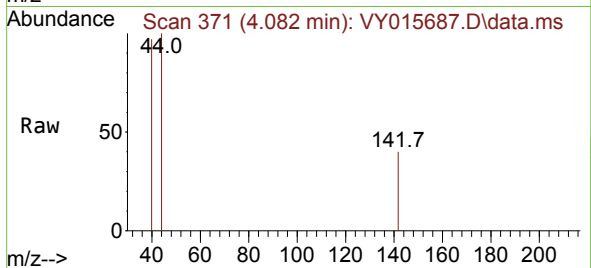
Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 0.0 75.8 113.6#



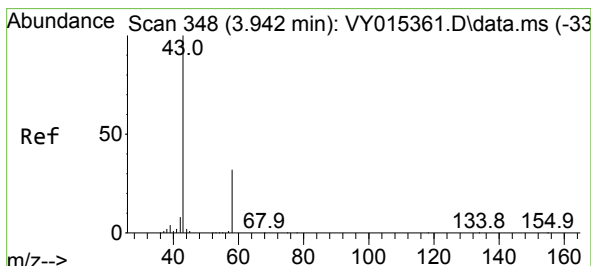
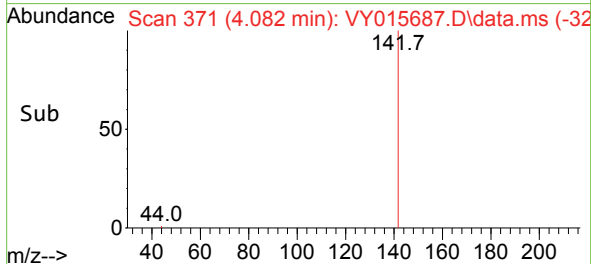
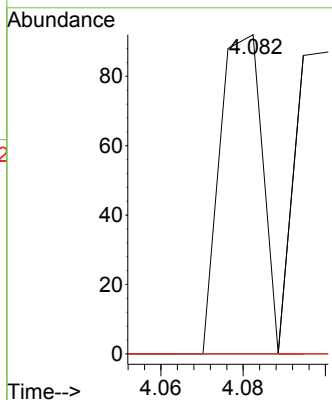


#10
Methyl Iodide
Concen: 2.769 ug/l
RT: 4.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

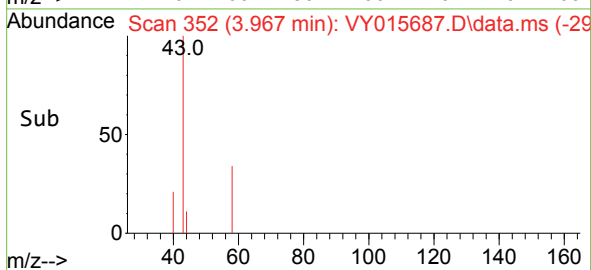
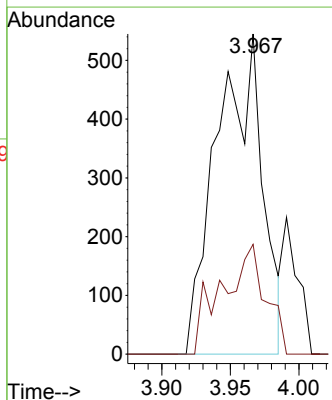
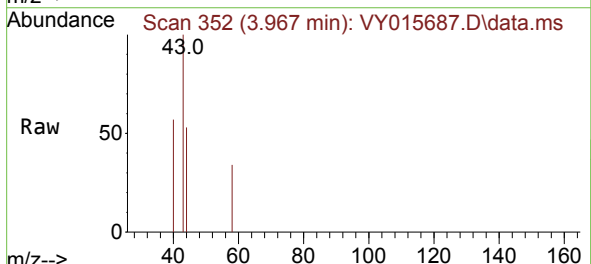


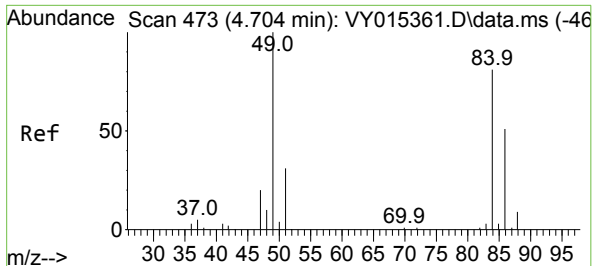
Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#



#16
Acetone
Concen: 1.637 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

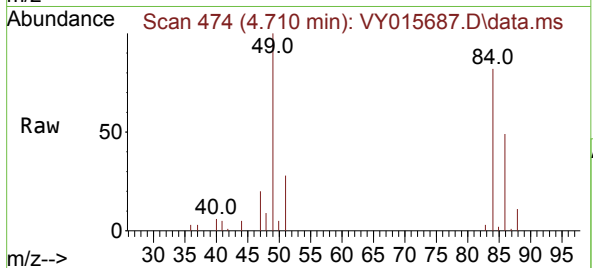
Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 34.3 22.7 34.1#



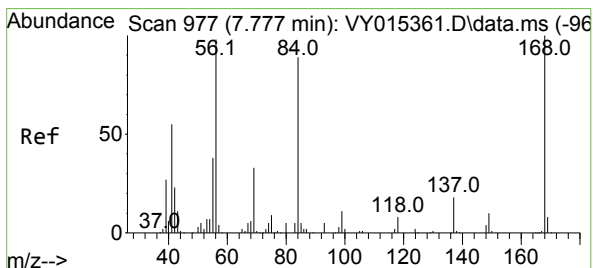
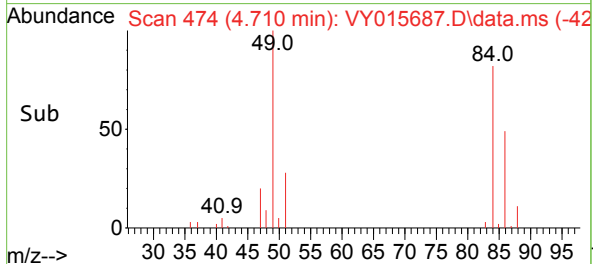
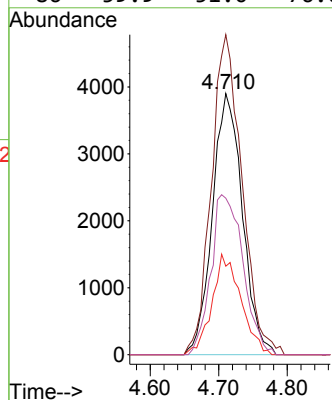


#20
Methylene Chloride
Concen: 2.419 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

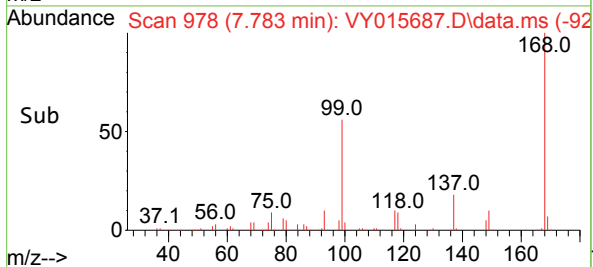
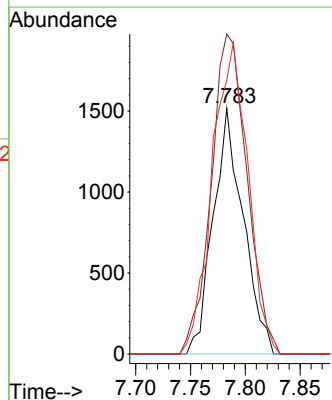
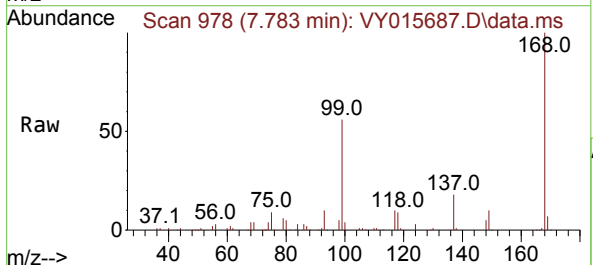


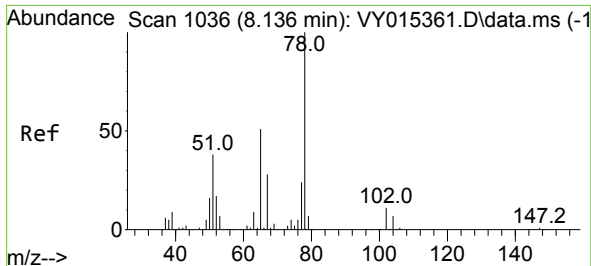
Tgt Ion:	84	Resp:	11849
Ion	Ratio	Lower	Upper
84	100		
49	122.5	106.9	160.3
51	33.9	33.2	49.8
86	59.9	51.0	76.6



#31
Cyclohexane
Concen: 1.454 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Tgt Ion:	56	Resp:	2899
Ion	Ratio	Lower	Upper
56	100		
69	130.3	27.8	41.6#
84	111.3	66.4	99.6#

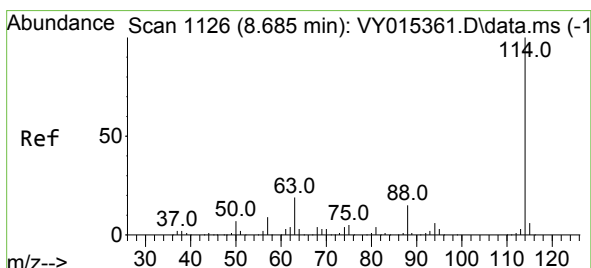
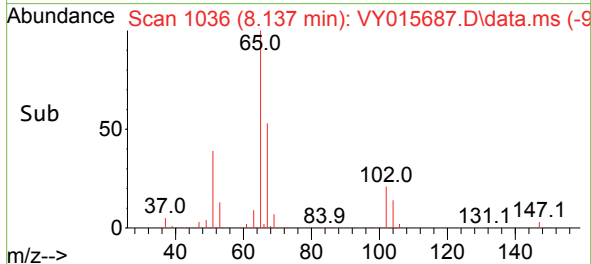
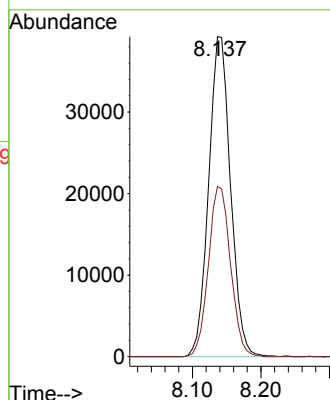
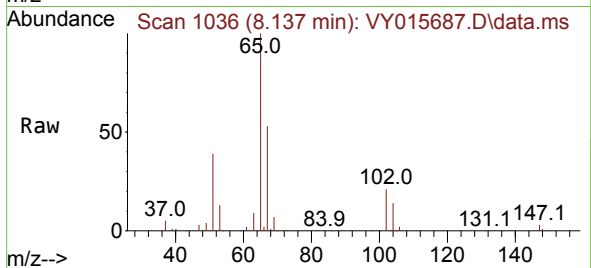




#33
 1,2-Dichloroethane-d4
 Concen: 60.608 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY015687.D
 Acq: 22 Sep 2023 16:17

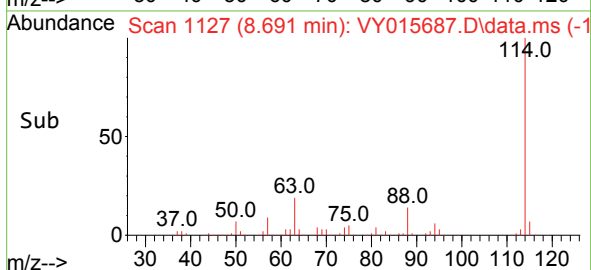
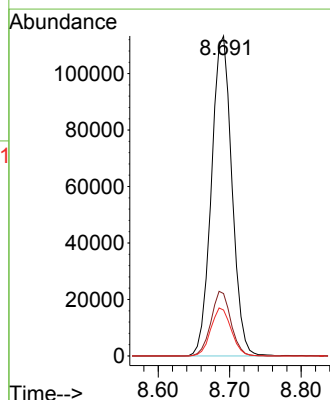
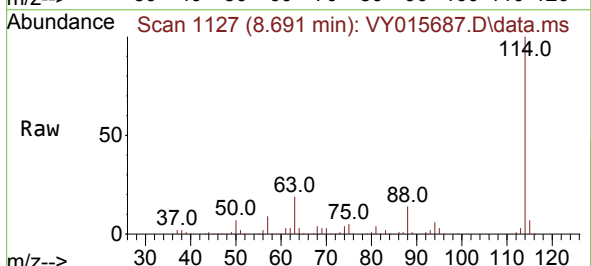
Instrument :
 MSVOA_Y
 ClientSampleId :

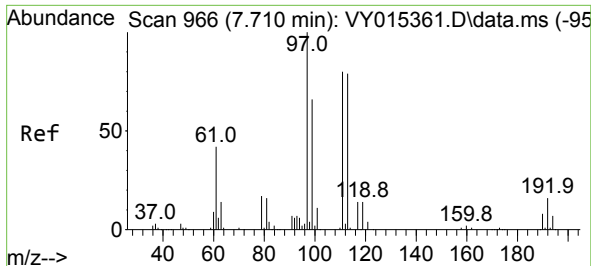
Tgt Ion: 65 Resp: 87228
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015687.D
 Acq: 22 Sep 2023 16:17

Tgt Ion:114 Resp: 225167
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 14.4 0.0 30.6

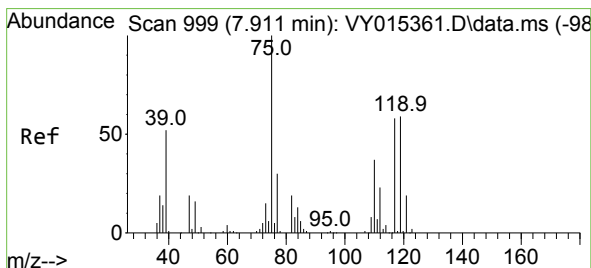
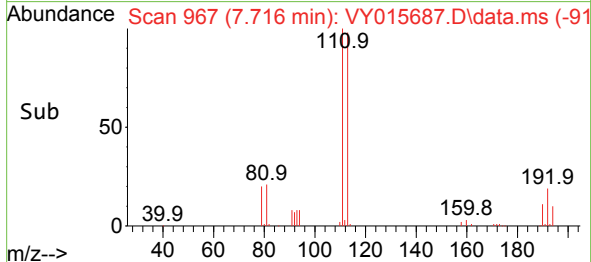
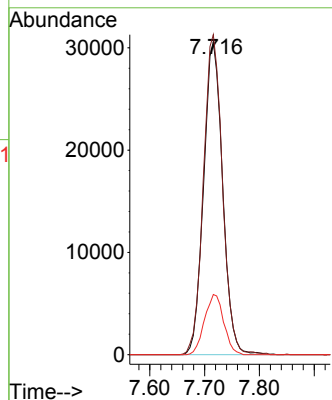
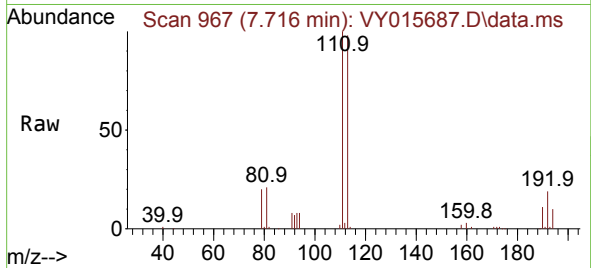




#35
Dibromofluoromethane
Concen: 54.542 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

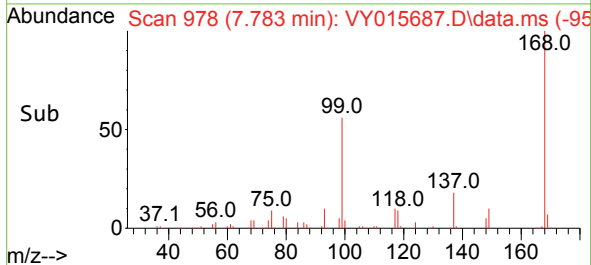
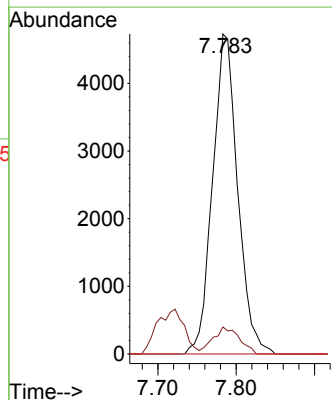
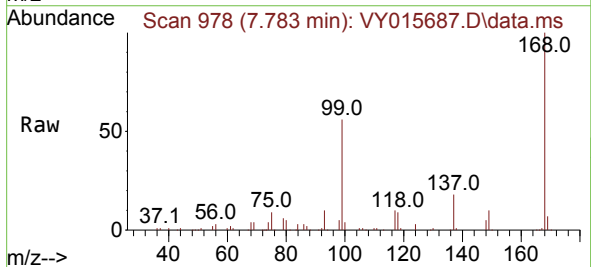
Instrument :
MSVOA_Y
ClientSampleId :

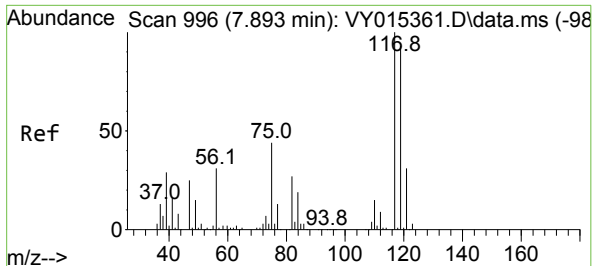
Tgt Ion:113 Resp: 73506
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.276 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

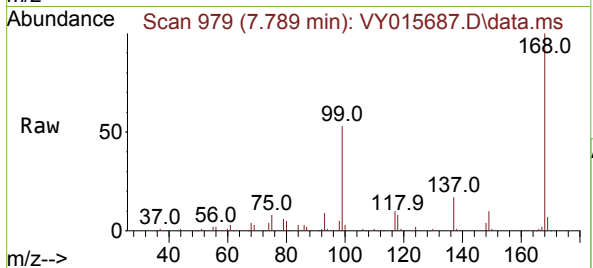
Tgt Ion: 75 Resp: 10513
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



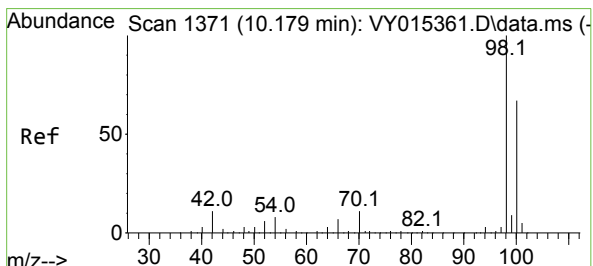
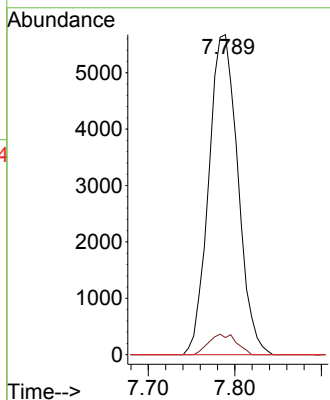
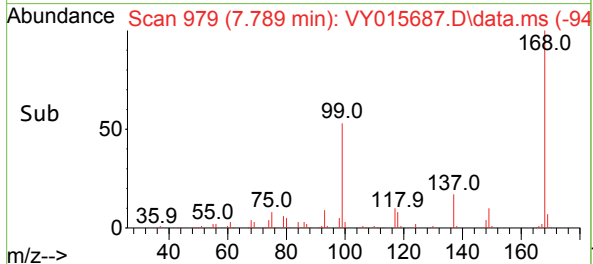


#38
Carbon Tetrachloride
Concen: 6.137 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Instrument :
MSVOA_Y
ClientSampleId :

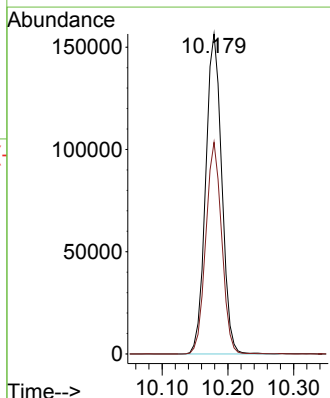
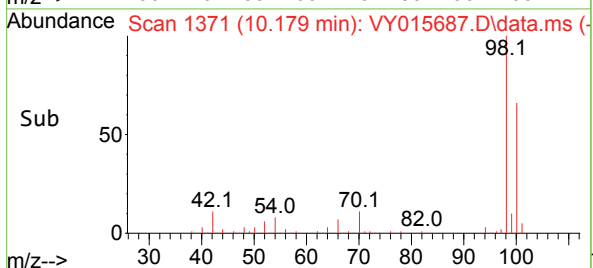
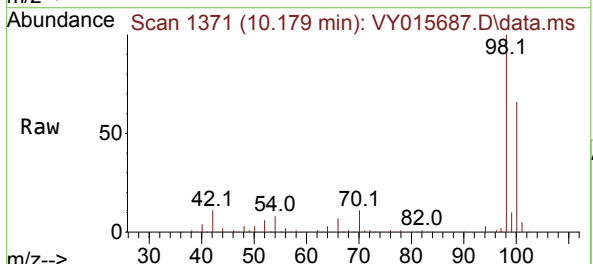


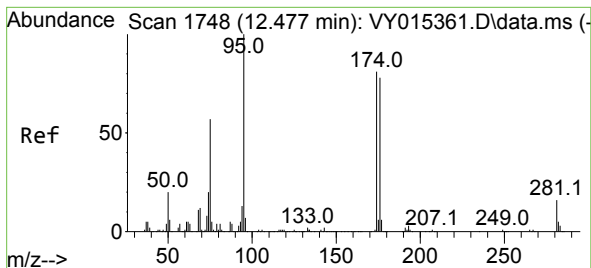
Tgt Ion:117 Resp: 13275
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 58.162 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Tgt Ion: 98 Resp: 265777
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

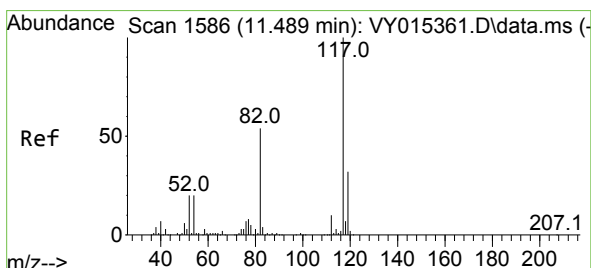
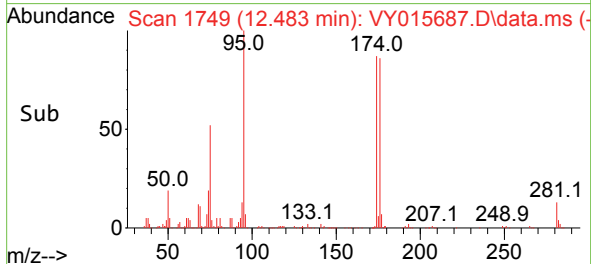
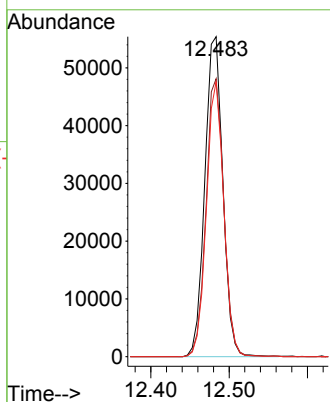
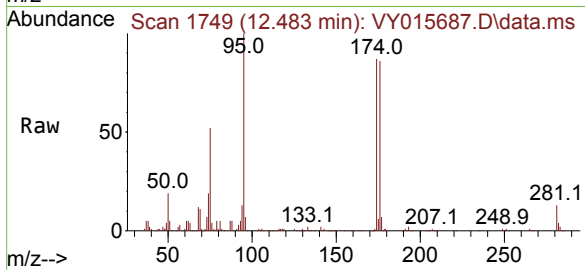




#62
4-Bromofluorobenzene
Concen: 49.327 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

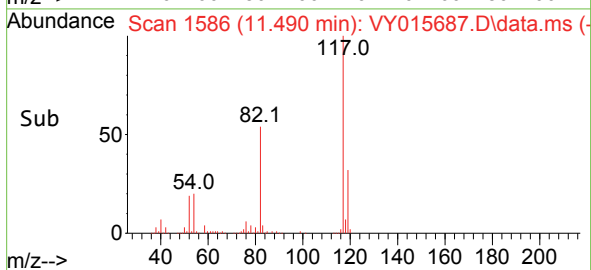
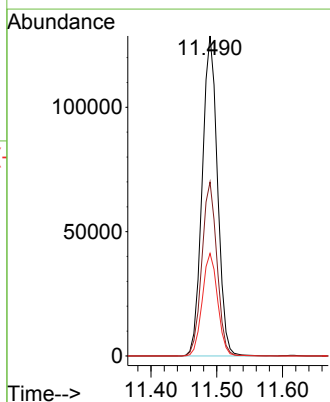
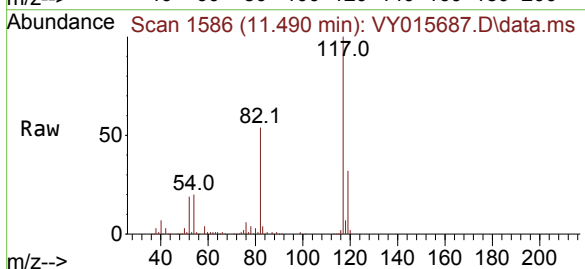
Instrument :
MSVOA_Y
ClientSampleId :

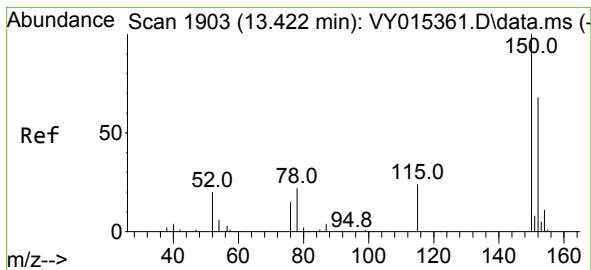
Tgt Ion: 95 Resp: 88456
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY015687.D
Acq: 22 Sep 2023 16:17

Tgt Ion: 117 Resp: 208146
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.0 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: VY015687.D

Acq: 22 Sep 2023 16:17

Instrument :

MSVOA_Y

ClientSampleId :

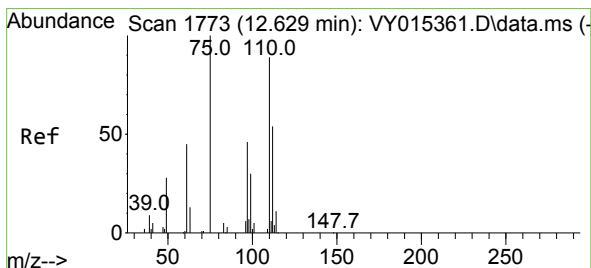
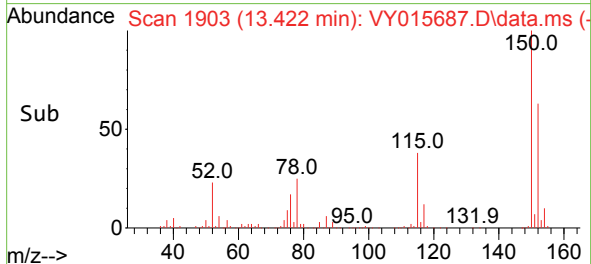
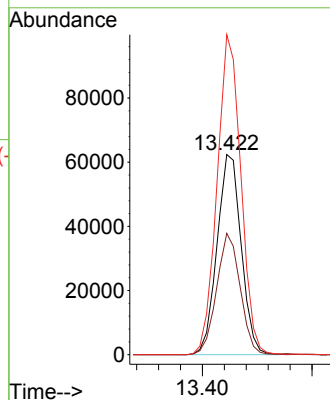
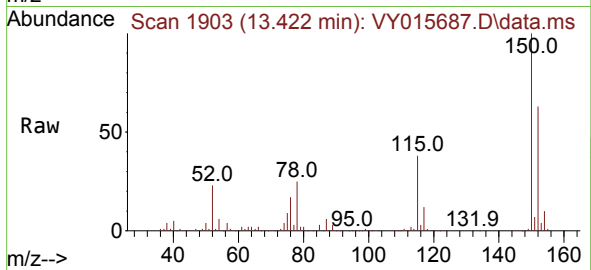
Tgt Ion:152 Resp: 95407

Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 158.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 30.826 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015687.D

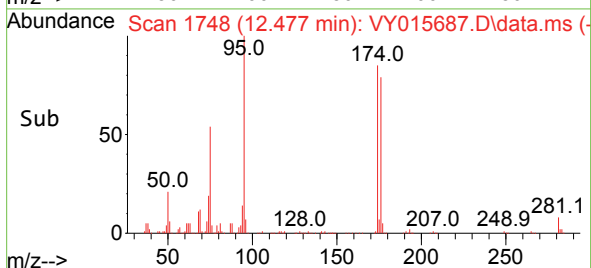
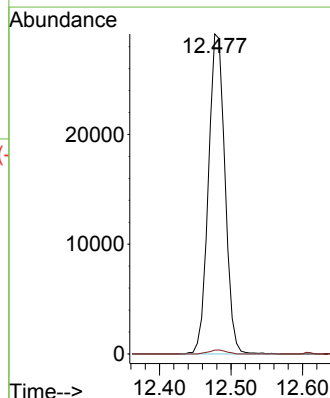
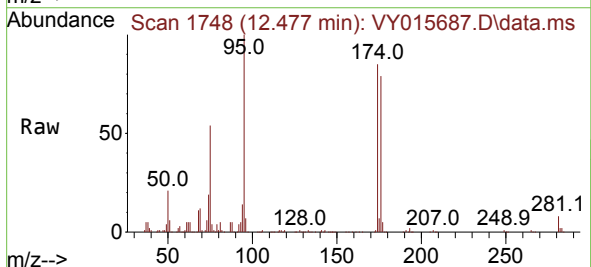
Acq: 22 Sep 2023 16:17

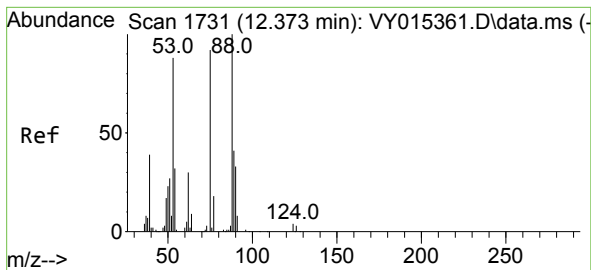
Tgt Ion: 75 Resp: 46919

Ion Ratio Lower Upper

75 100

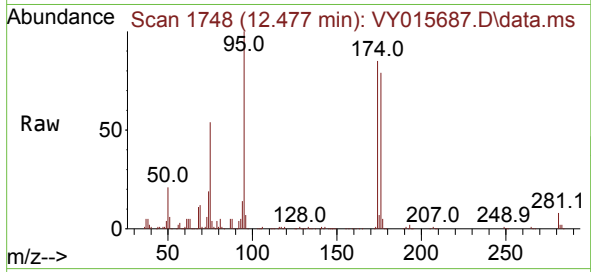
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.417 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015687.D
 Acq: 22 Sep 2023 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.1	37.4	56.0#

