

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009015.D
 Acq On : 23 May 2022 18:38
 Operator : KP/MD
 Sample : N2910-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D2472-PADS

Quant Time: May 24 01:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

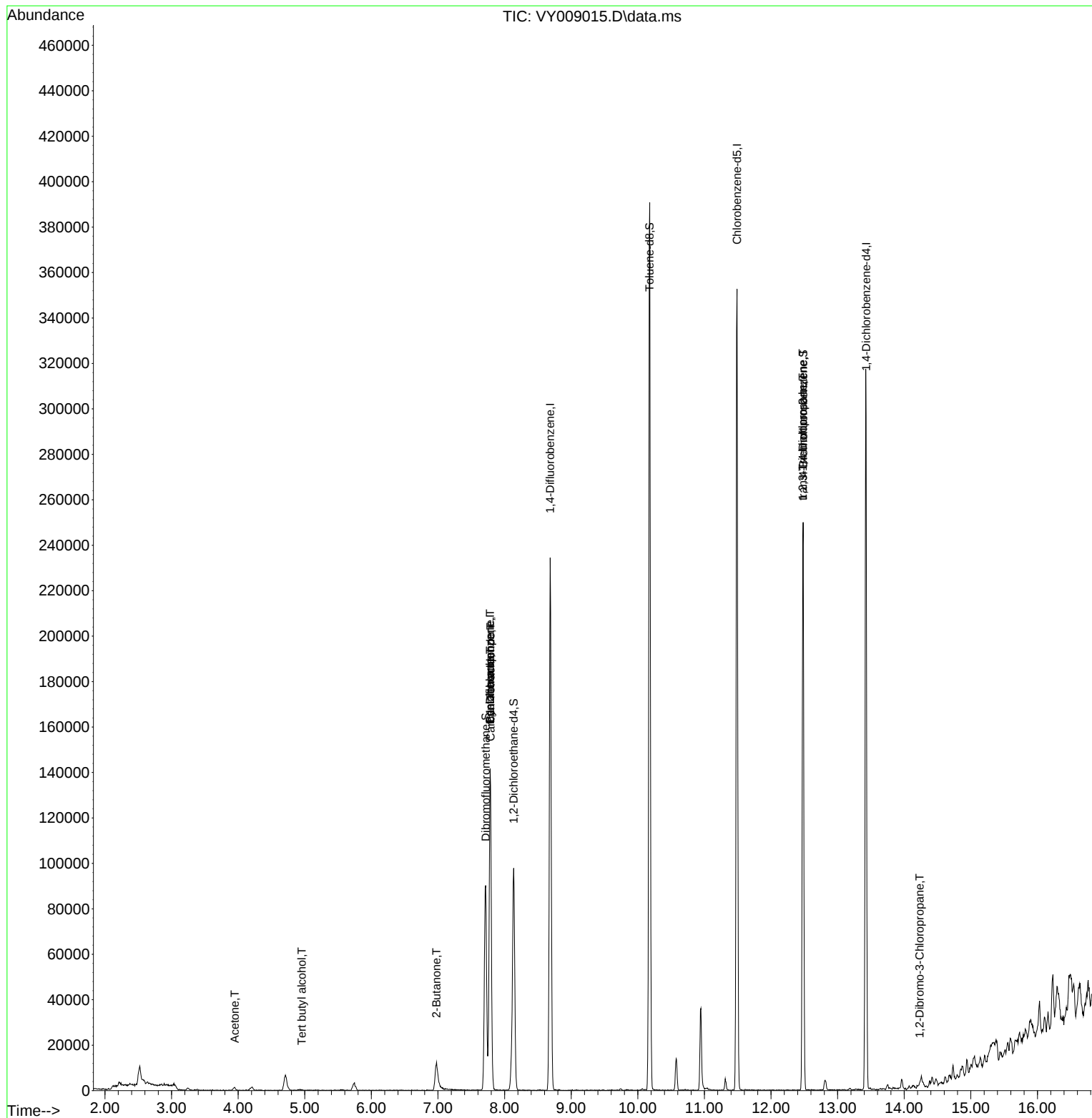
Internal Standards						
1) Pentafluorobenzene	7.783	168	106857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	194335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67722	61.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.160%	
35) Dibromofluoromethane	7.716	113	62713	51.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.800%	
50) Toluene-d8	10.179	98	243761	54.677	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.360%	
62) 4-Bromofluorobenzene	12.483	95	66247	36.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	268	2.402	ug/l #	77
16) Acetone	3.948	43	2135	9.326	ug/l #	80
20) Methylene Chloride	4.710	84	4599	Below Cal	#	89
25) 2-Butanone	6.978	43	679	1.661	ug/l #	54
31) Cyclohexane	7.783	56	2589	1.203	ug/l #	6
36) 1,1-Dichloropropene	7.783	75	9196	4.472	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10710	4.978	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	39071	48.719	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39071	99.995	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.233	75	204	1.142	ug/l #	6

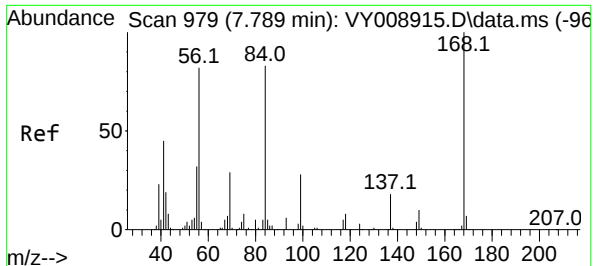
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009015.D
Acq On : 23 May 2022 18:38
Operator : KP/MD
Sample : N2910-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

Quant Time: May 24 01:50:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

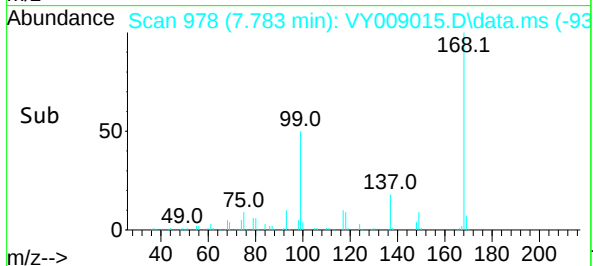
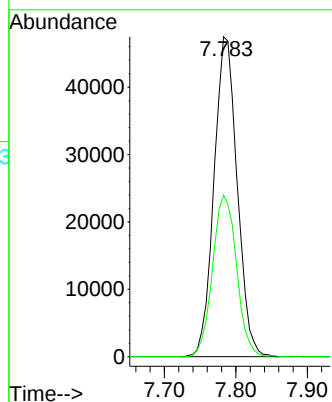
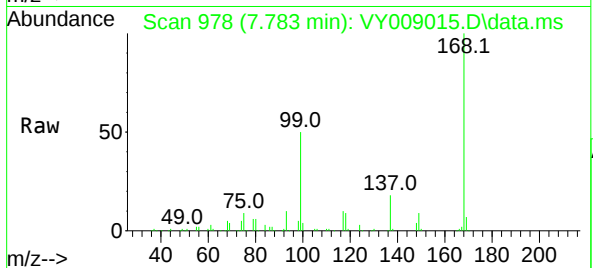




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

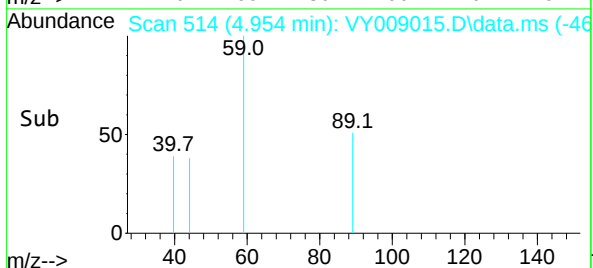
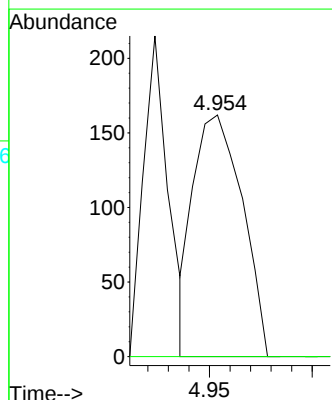
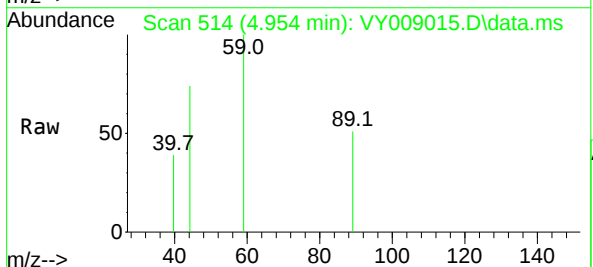
Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

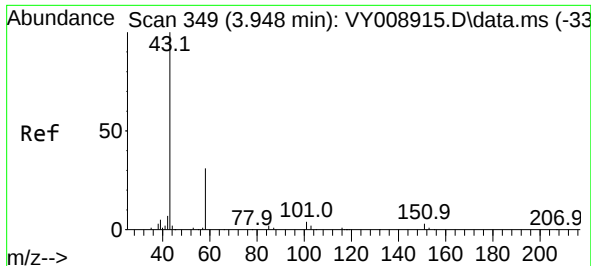
Tgt Ion:168 Resp: 106857
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.402 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 59 Resp: 268
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

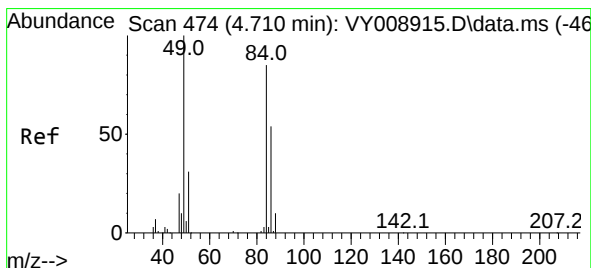
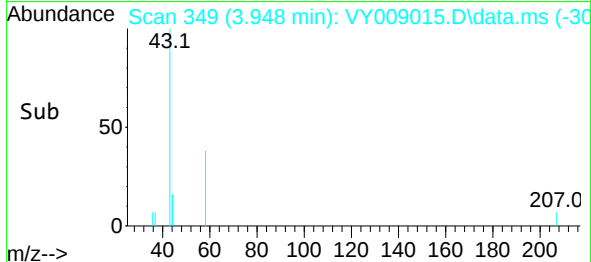
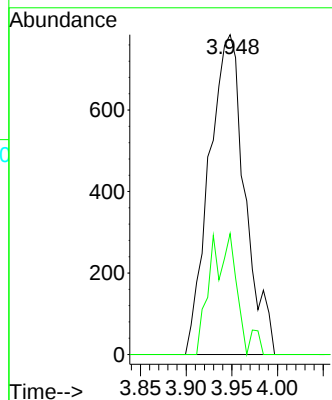
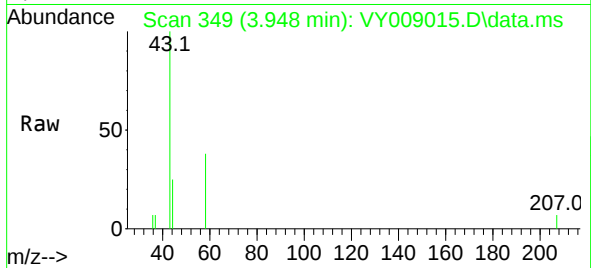




#16
Acetone
Concen: 9.326 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

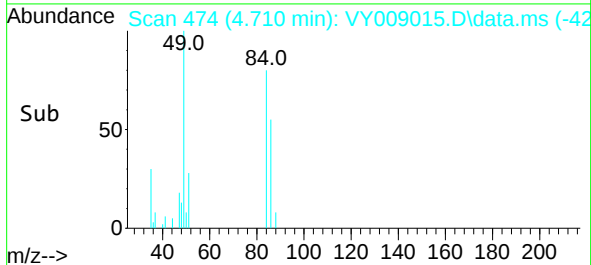
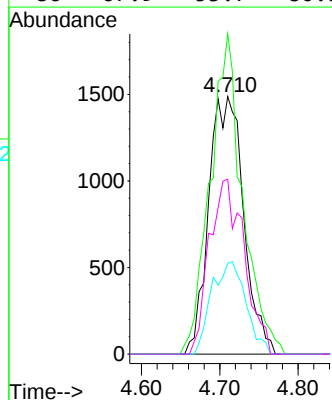
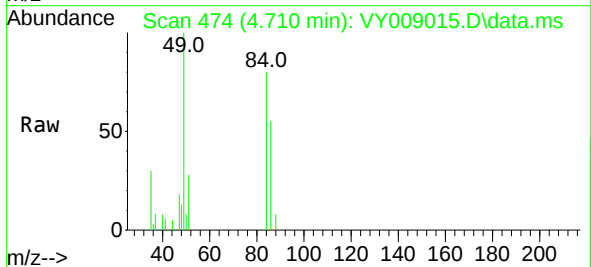
Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 37.8 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 84 Resp: 4599
Ion Ratio Lower Upper
84 100
49 124.3 114.4 171.6
51 35.2 35.3 52.9#
86 67.9 53.7 80.5

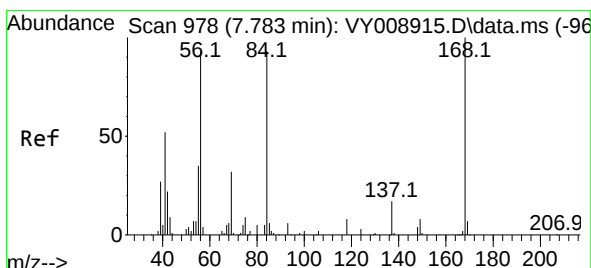
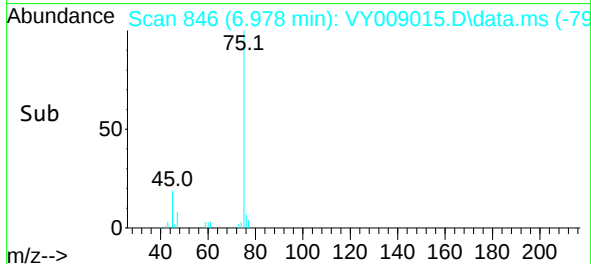
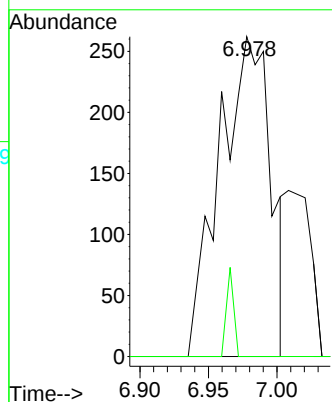
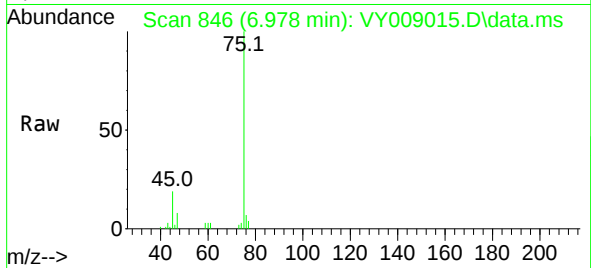




#25
2-Butanone
Concen: 1.661 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

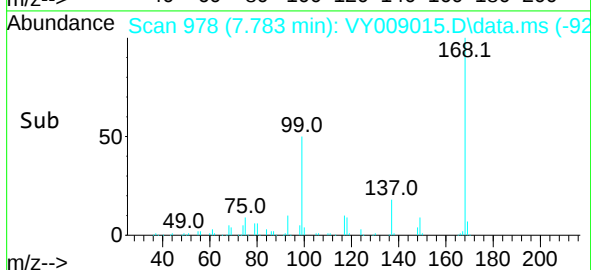
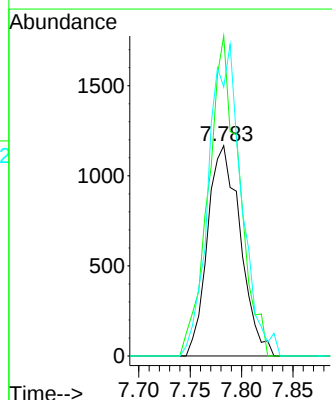
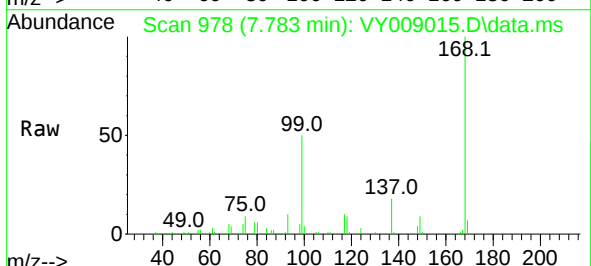
Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

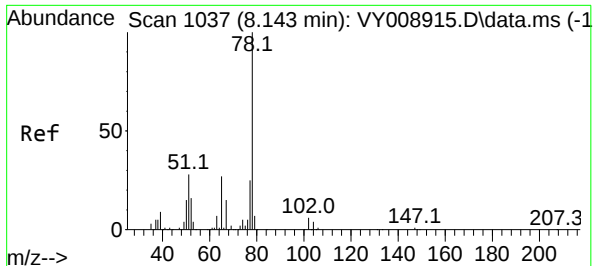
Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 56 Resp: 2589
Ion Ratio Lower Upper
56 100
69 152.2 26.7 40.1#
84 127.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.579 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

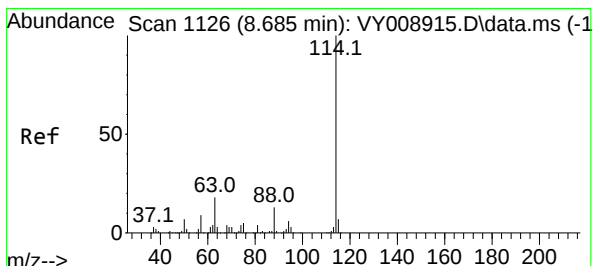
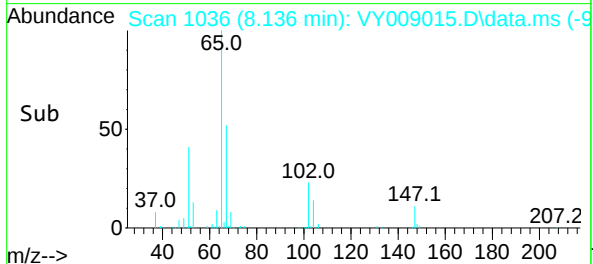
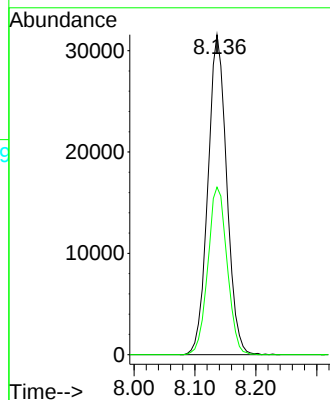
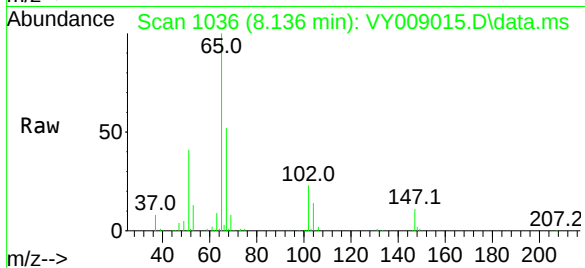
D2472-PADS

Tgt Ion: 65 Resp: 67722

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

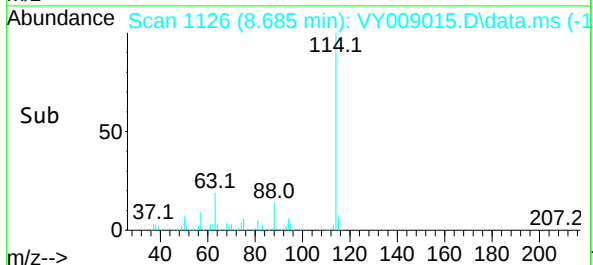
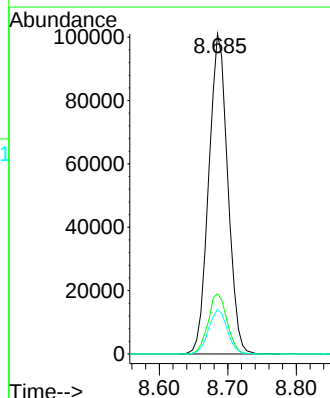
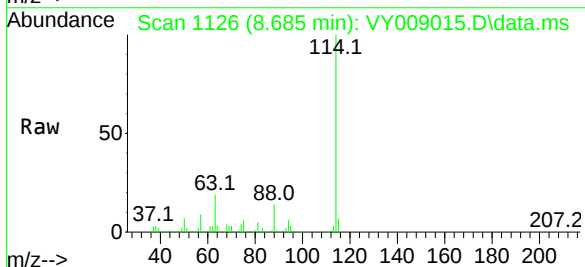
Tgt Ion: 114 Resp: 194335

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.895 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

D2472-PADS

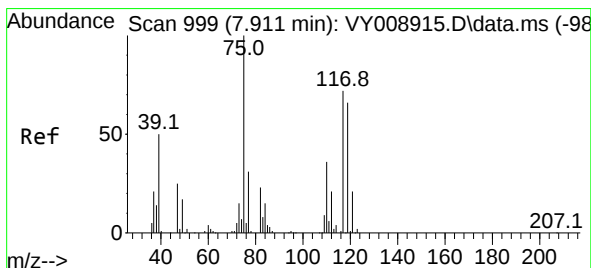
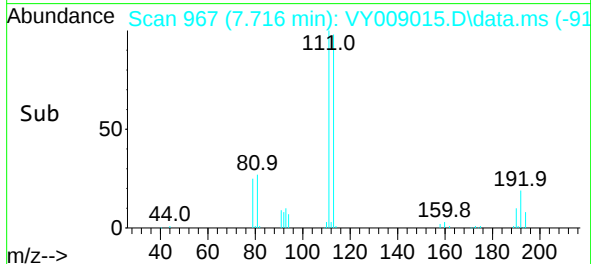
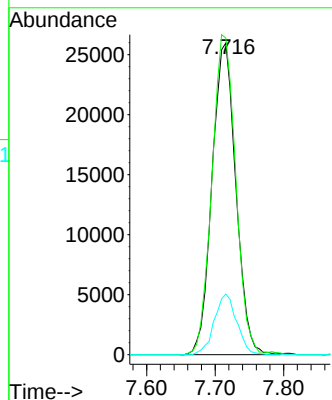
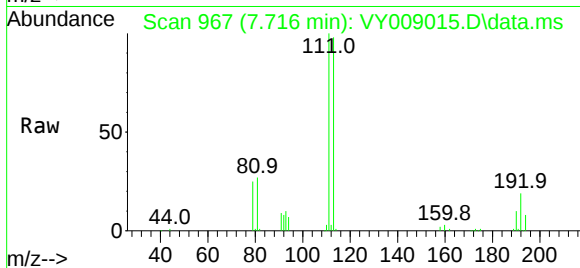
Tgt Ion:113 Resp: 62713

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.3 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.472 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.128 min

Lab File: VY009015.D

Acq: 23 May 2022 18:38

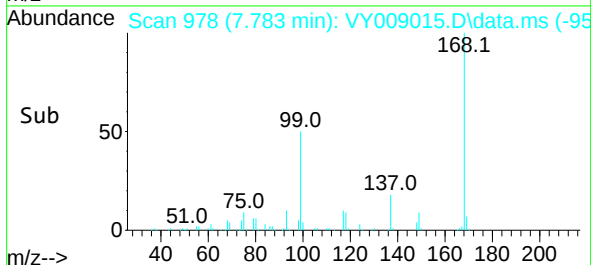
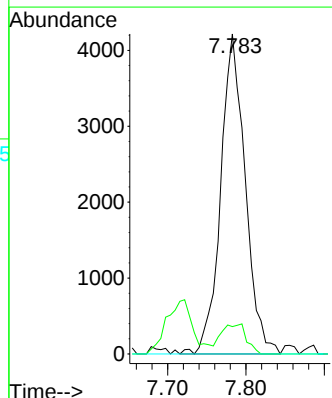
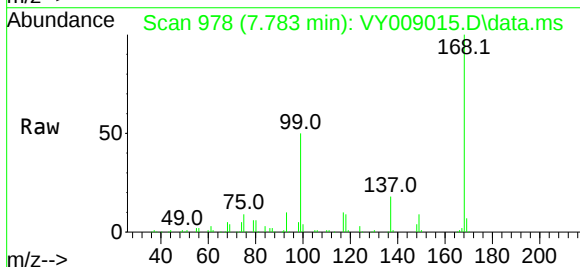
Tgt Ion: 75 Resp: 9196

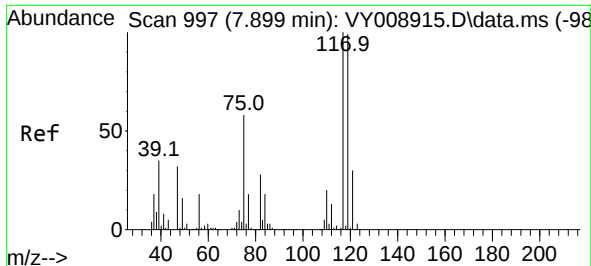
Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#

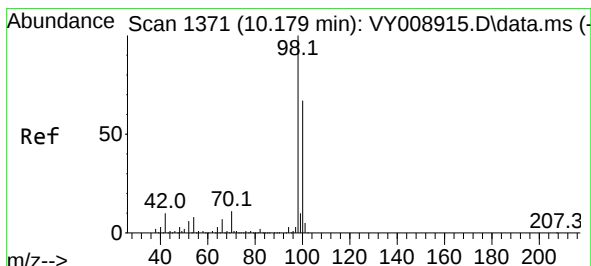
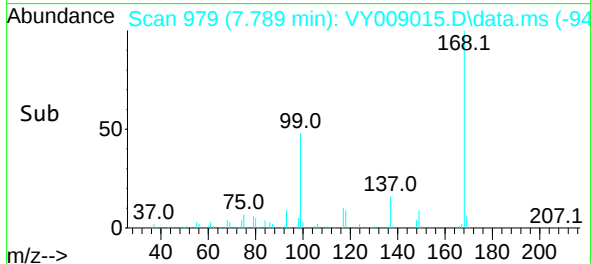
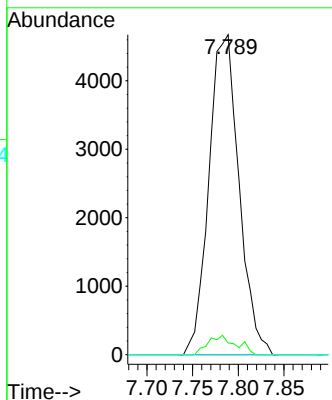
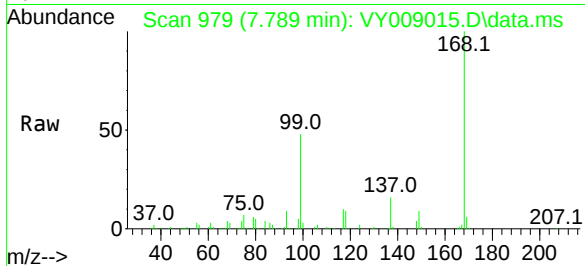




#38
Carbon Tetrachloride
Concen: 4.978 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

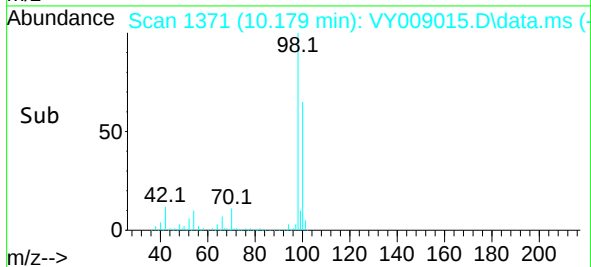
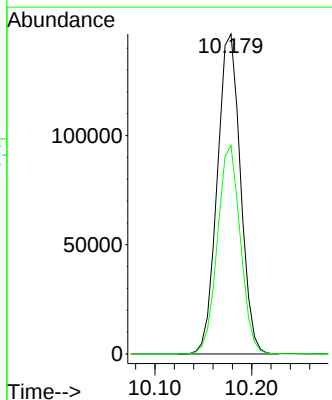
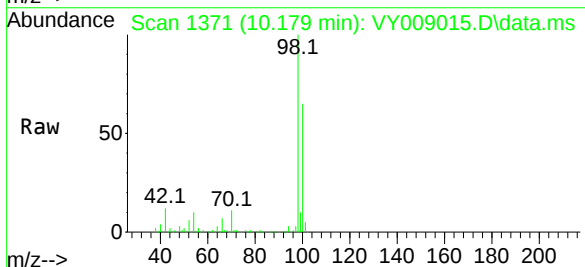
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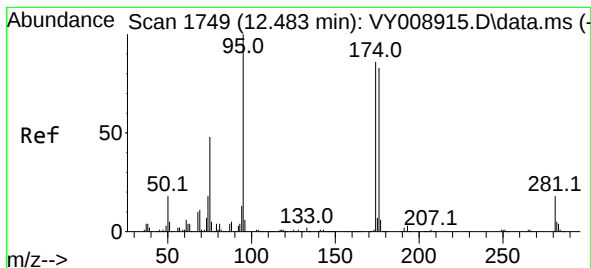
Tgt Ion:117 Resp: 10710
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.677 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 98 Resp: 243761
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

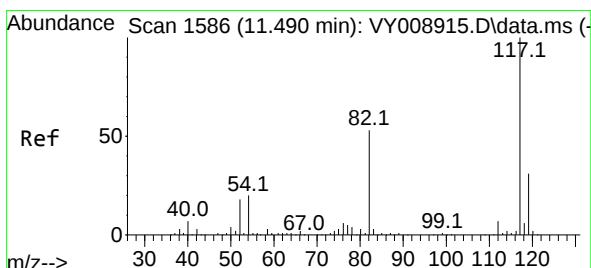
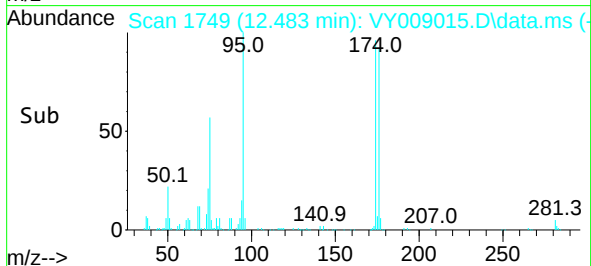
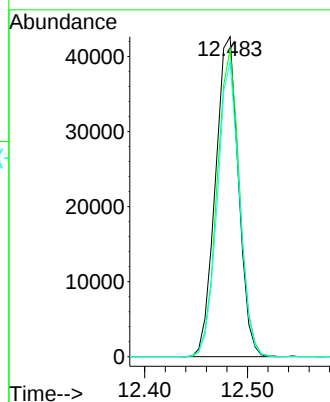
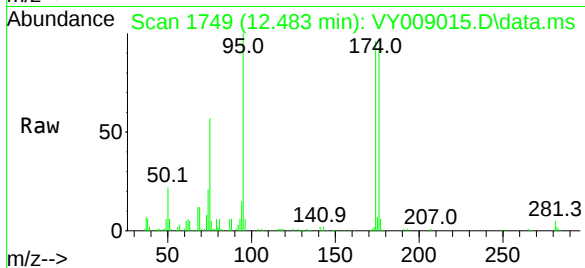




#62
4-Bromofluorobenzene
Concen: 36.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

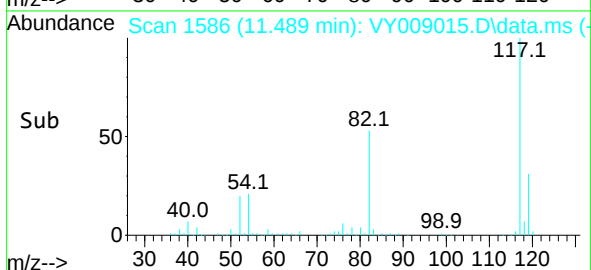
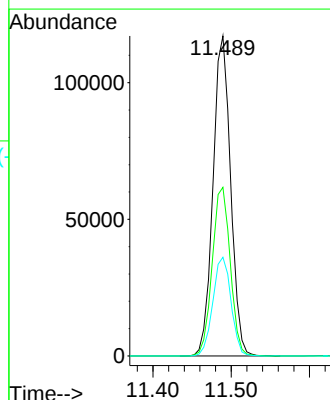
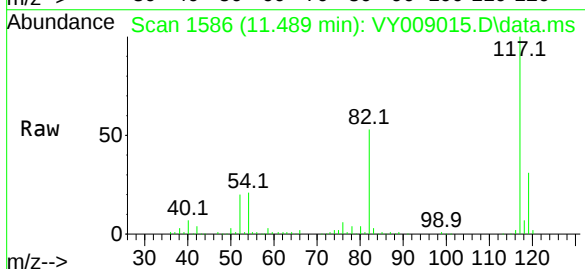
Instrument :
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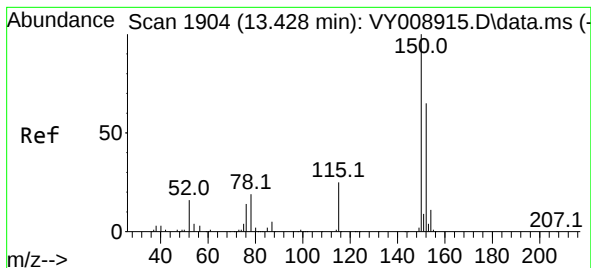
Tgt Ion: 95 Resp: 66247
Ion Ratio Lower Upper
95 100
174 93.6 0.0 177.0
176 88.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 117 Resp: 182774
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 30.9 25.4 38.0

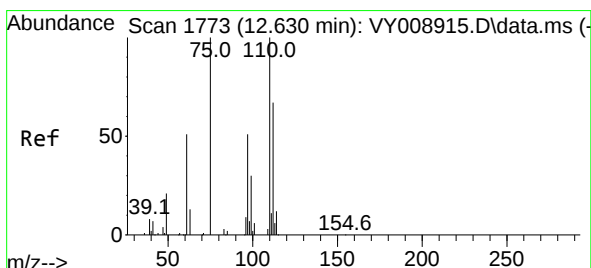
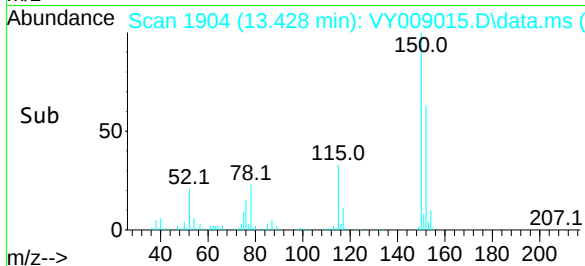
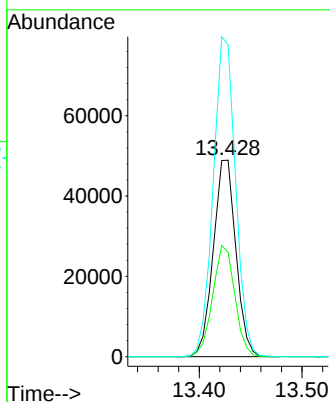
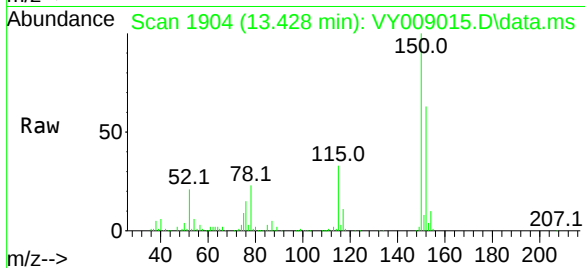




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY009015.D
 Acq: 23 May 2022 18:38

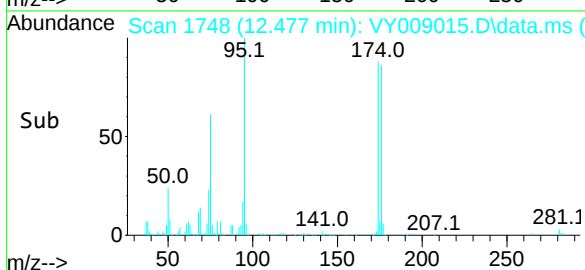
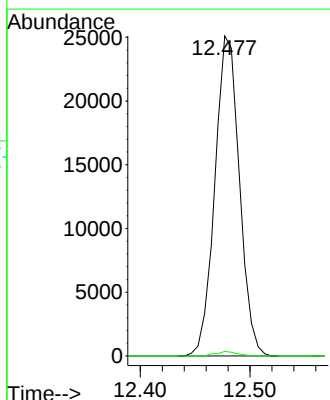
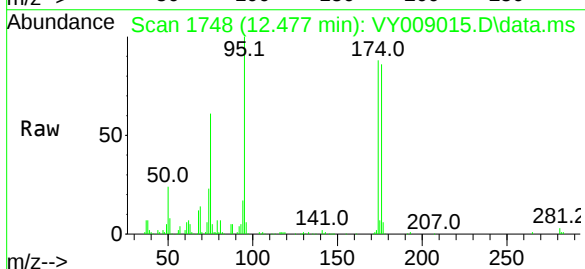
Instrument :
 MSVOA_Y
 ClientSampleId :
 D2472-PADS

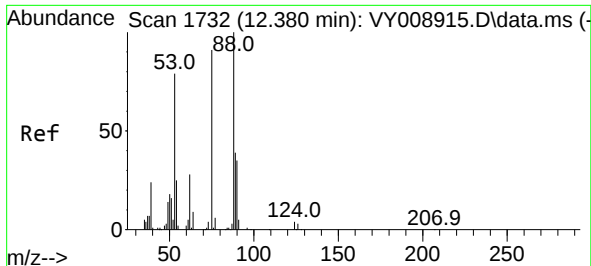
Tgt Ion:152 Resp: 74680
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 160.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.719 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009015.D
 Acq: 23 May 2022 18:38

Tgt Ion: 75 Resp: 39071
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

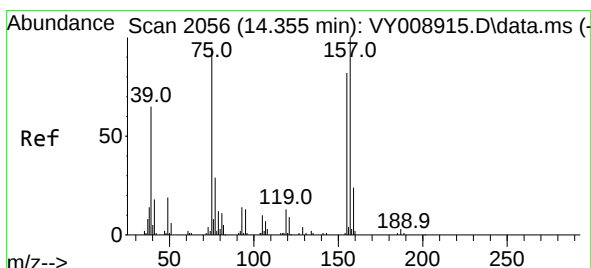
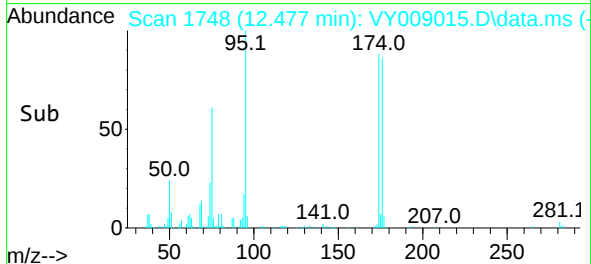
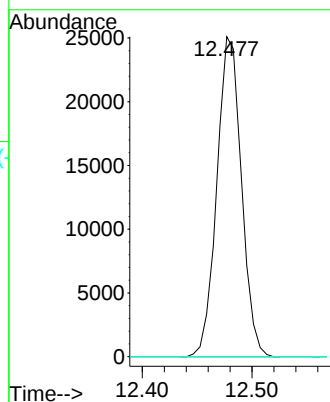
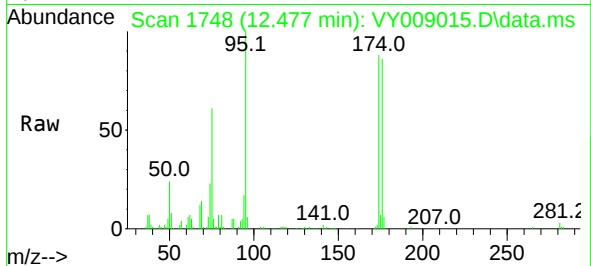




#81
trans-1,4-Dichloro-2-butene
Concen: 99.995 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
D2472-PADS

Tgt Ion: 75 Resp: 39071
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.142 ug/l
RT: 14.233 min Scan# 2036
Delta R.T. -0.122 min
Lab File: VY009015.D
Acq: 23 May 2022 18:38

Tgt Ion: 75 Resp: 204
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#

