

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009009.D
 Acq On : 23 May 2022 16:18
 Operator : KP/MD
 Sample : N2982-08
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-8

Quant Time: May 24 01:49:09 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)

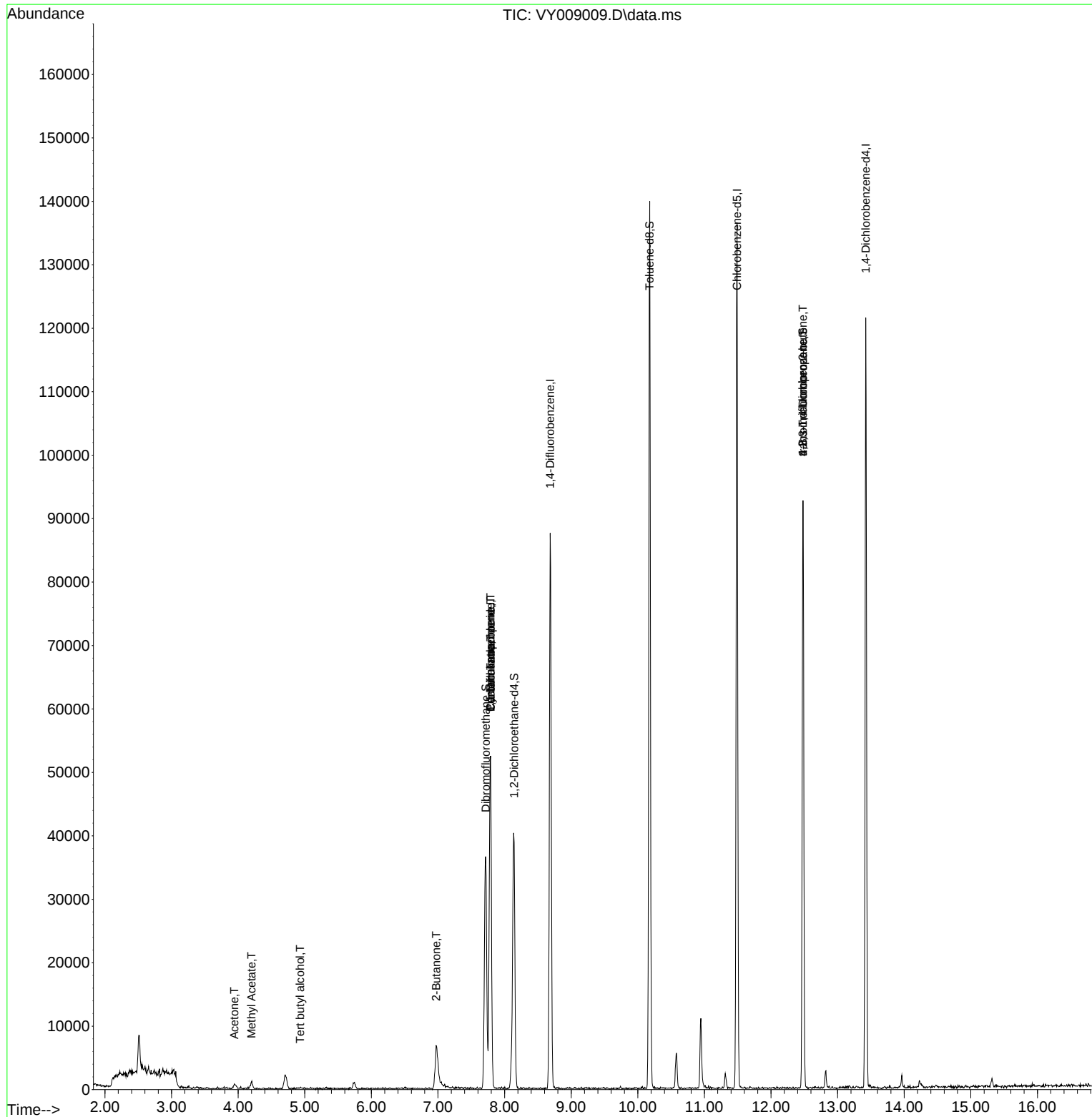
Internal Standards						
1) Pentafluorobenzene	7.789	168	40932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	68906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	29656	70.397	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 140.800%		
35) Dibromofluoromethane	7.715	113	25457	56.210	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.420%		
50) Toluene-d8	10.178	98	88151	52.761	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.520%		
62) 4-Bromofluorobenzene	12.477	95	24925	36.982	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 73.960%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.929	59	134	3.136	ug/l #	77
16) Acetone	3.942	43	1059	12.077	ug/l #	85
18) Methyl Acetate	4.198	43	300	1.099	ug/l #	56
20) Methylene Chloride	4.722	84	1673	Below Cal	#	53
25) 2-Butanone	6.972	43	424	2.707	ug/l #	54
31) Cyclohexane	7.789	56	1113	1.351	ug/l #	21
36) 1,1-Dichloropropene	7.789	75	3706	4.808	ug/l #	49
38) Carbon Tetrachloride	7.789	117	4263	5.287	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	14560	46.648	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14560	95.746	ug/l #	7

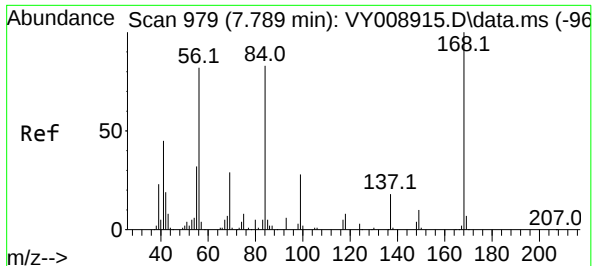
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P-8

Quant Time: May 24 01:49:09 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

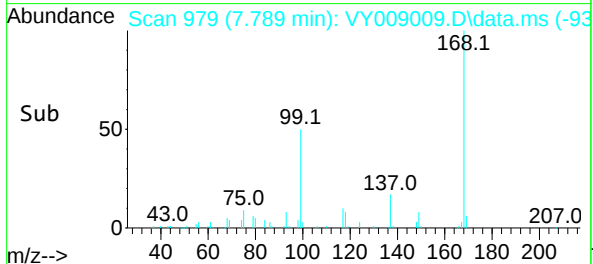
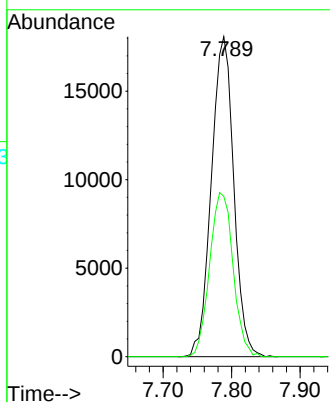
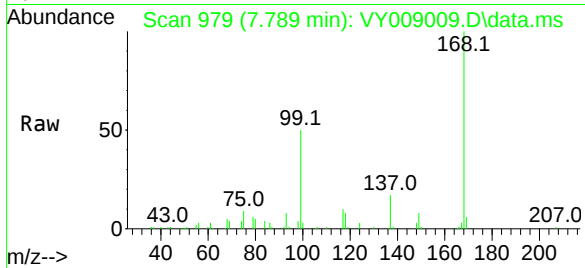




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

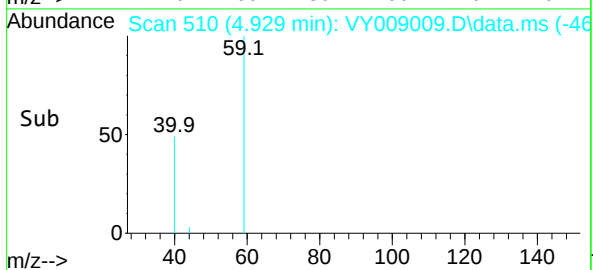
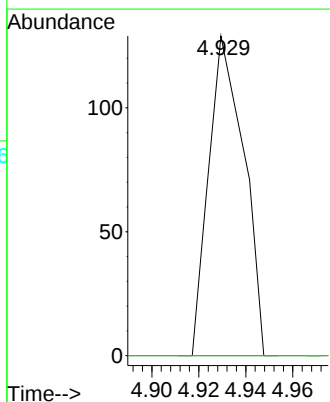
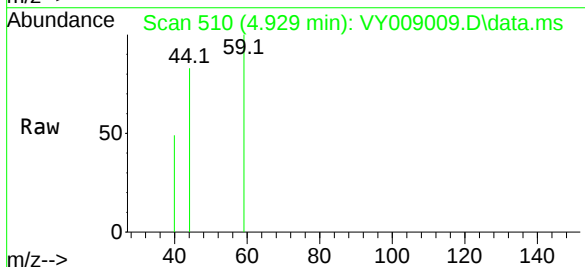
Instrument :
MSVOA_Y
ClientSampleId :
P-8

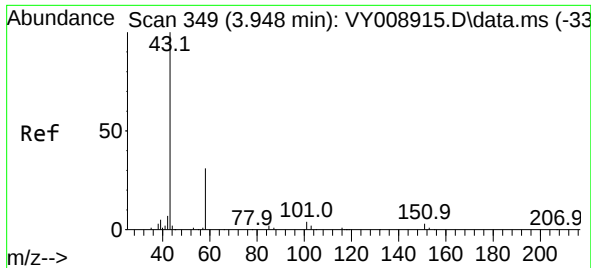
Tgt Ion:168 Resp: 40932
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.136 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.019 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

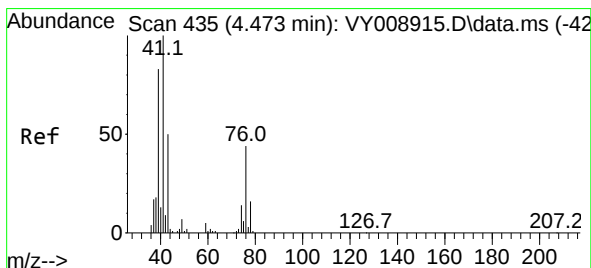
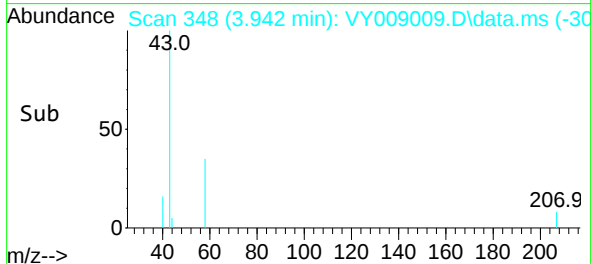
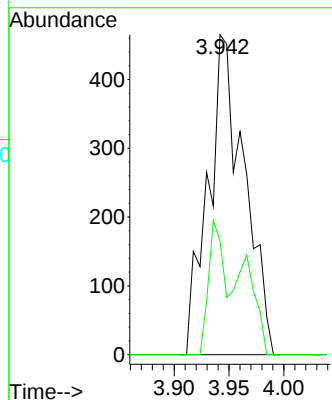
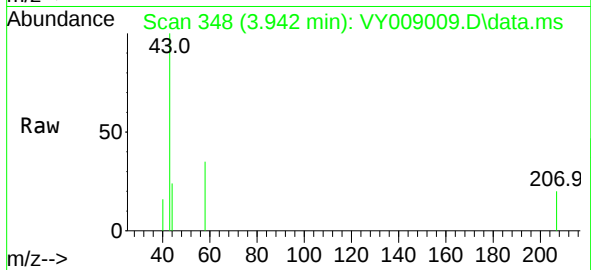




#16
Acetone
Concen: 12.077 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

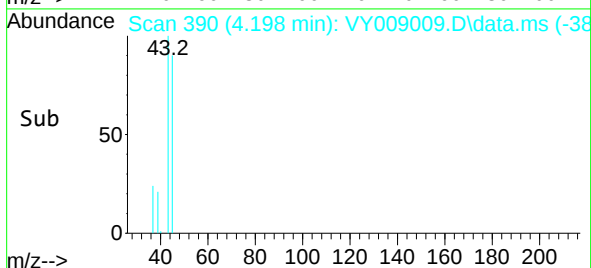
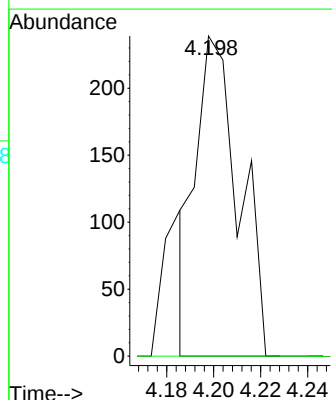
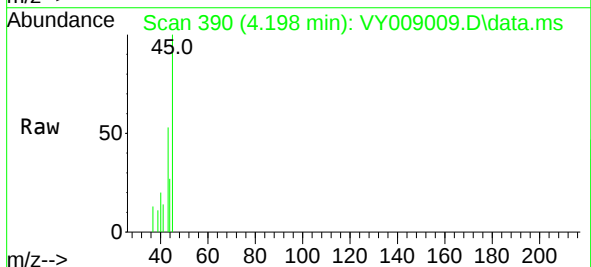
Instrument :
MSVOA_Y
ClientSampleId :
P-8

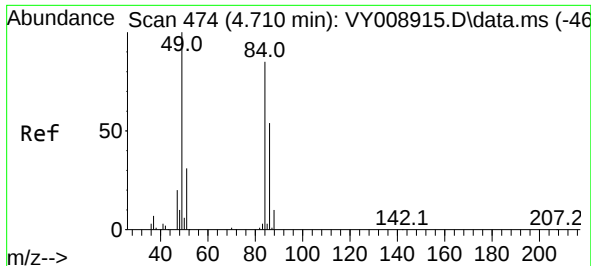
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 35.5 22.0 33.0#



#18
Methyl Acetate
Concen: 1.099 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.275 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

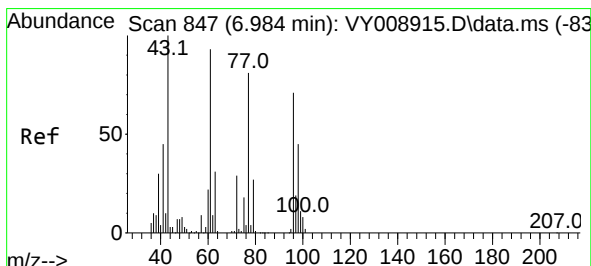
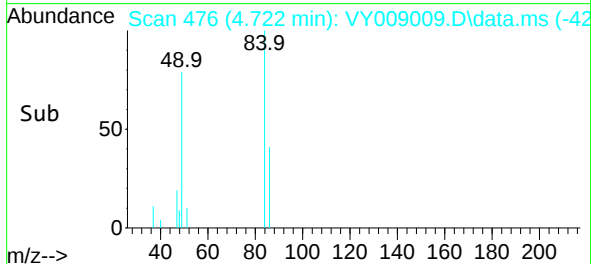
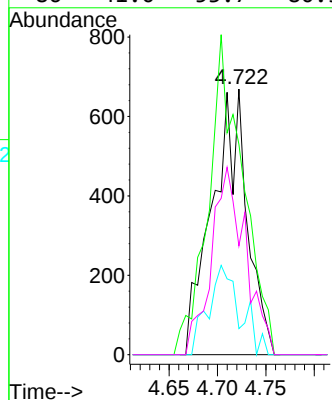
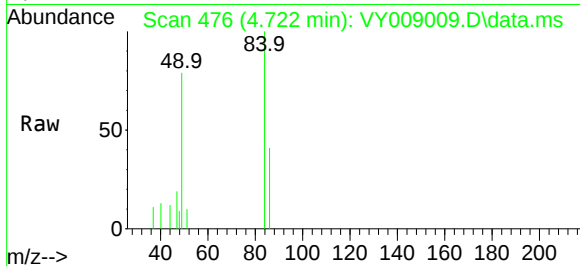




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

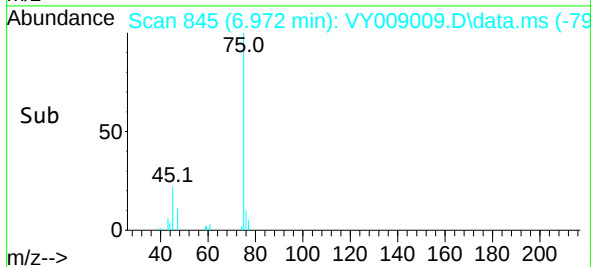
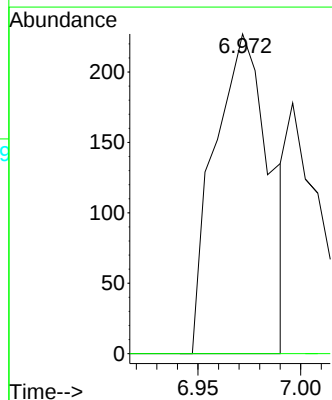
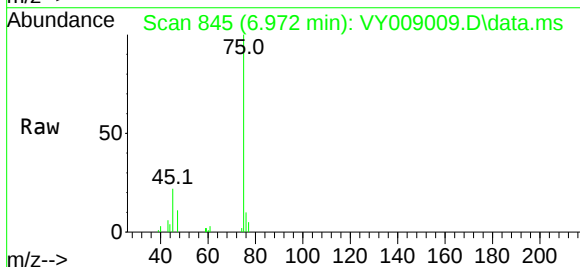
Instrument :
MSVOA_Y
ClientSampleId :
P-8

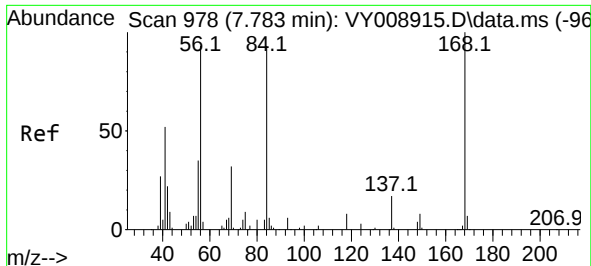
Tgt Ion: 84 Resp: 1673
Ion Ratio Lower Upper
84 100
49 79.2 114.4 171.6#
51 9.9 35.3 52.9#
86 41.0 53.7 80.5#



#25
2-Butanone
Concen: 2.707 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

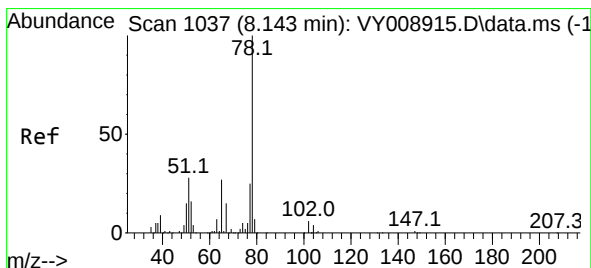
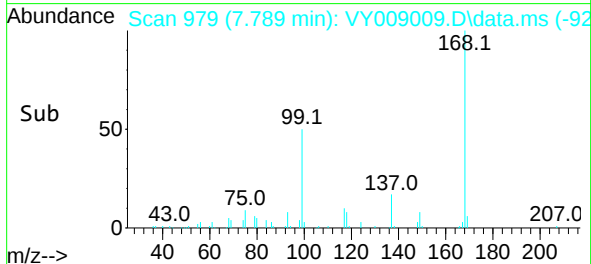
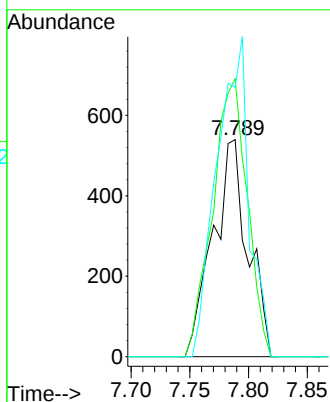
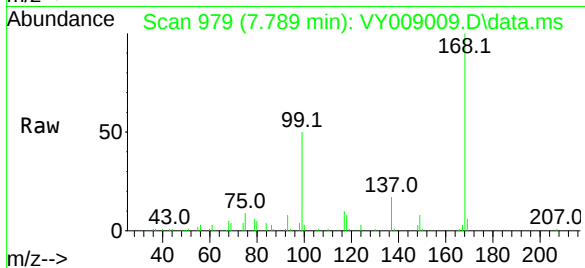




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

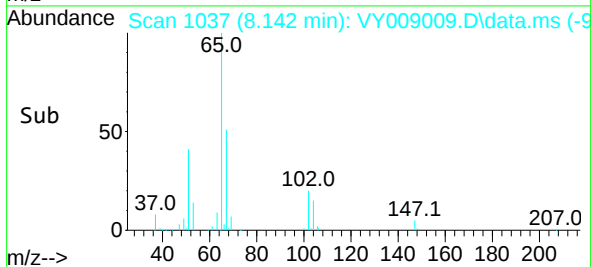
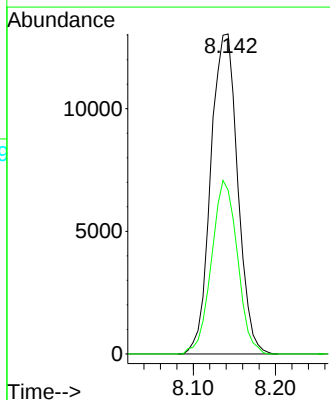
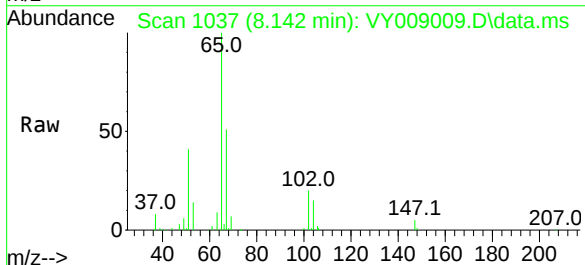
Instrument :
MSVOA_Y
ClientSampleId :
P-8

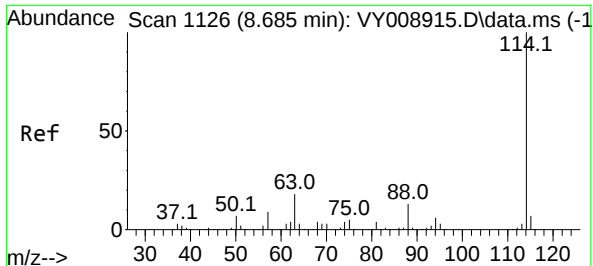
Tgt Ion: 56 Resp: 1113
Ion Ratio Lower Upper
56 100
69 128.0 26.7 40.1#
84 124.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 70.397 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 65 Resp: 29656
Ion Ratio Lower Upper
65 100
67 52.3 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: VY009009.D

Acq: 23 May 2022 16:18

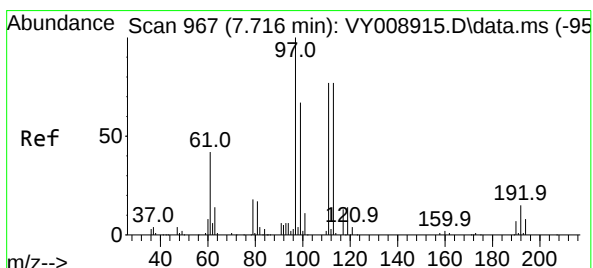
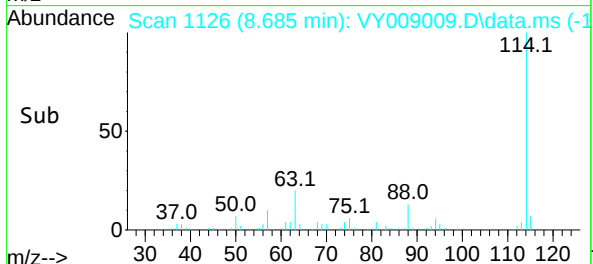
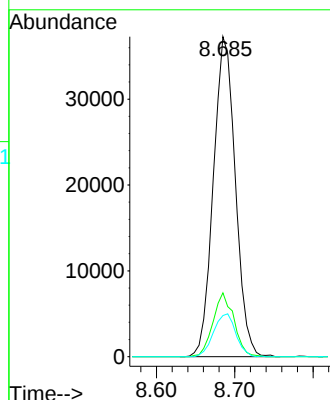
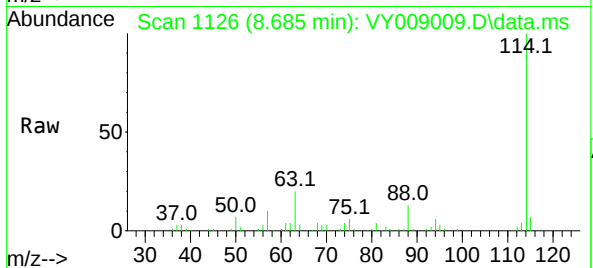
Instrument :

MSVOA_Y

ClientSampleId :

P-8

Tgt Ion:114	Resp:	72830
Ion	Ratio	Lower Upper
114	100	
63	20.0	0.0 43.2
88	12.9	0.0 31.8



#35

Dibromofluoromethane

Concen: 56.210 ug/l

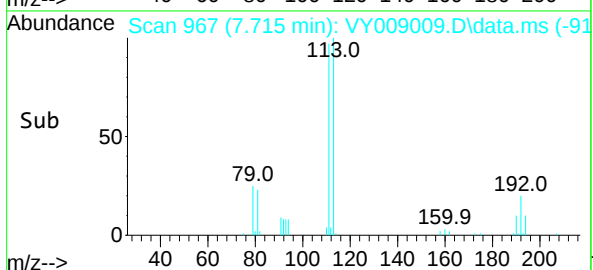
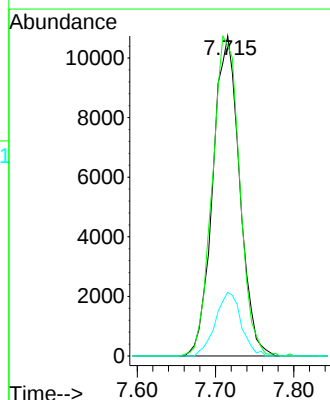
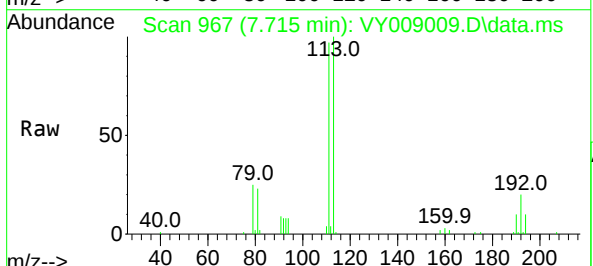
RT: 7.715 min Scan# 967

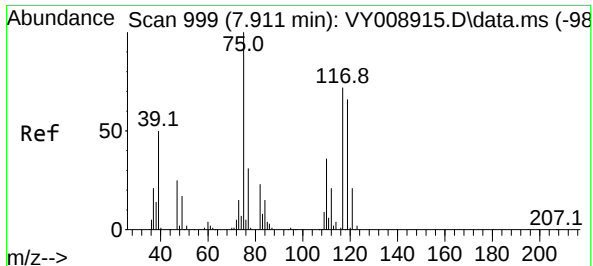
Delta R.T. -0.001 min

Lab File: VY009009.D

Acq: 23 May 2022 16:18

Tgt Ion:113	Resp:	25457
Ion	Ratio	Lower Upper
113	100	
111	101.9	82.6 124.0
192	19.1	17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.808 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009009.D

Acq: 23 May 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

P-8

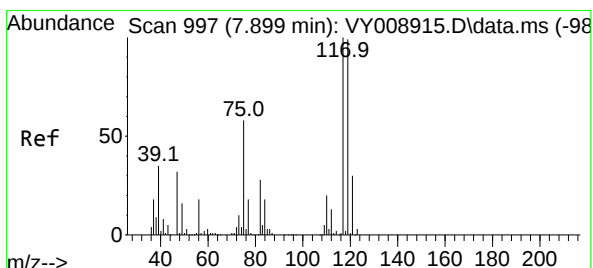
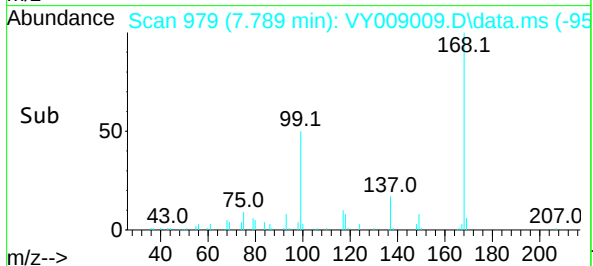
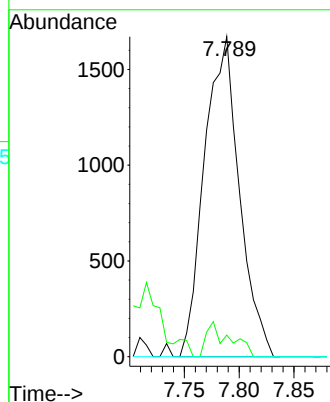
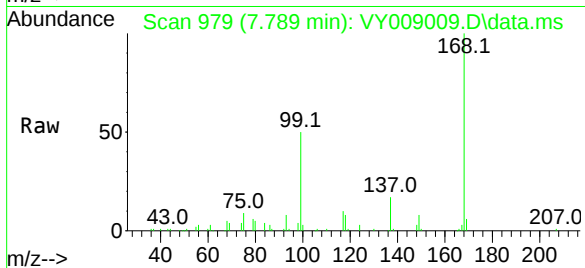
Tgt Ion: 75 Resp: 3706

Ion Ratio Lower Upper

75 100

110 7.2 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.287 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY009009.D

Acq: 23 May 2022 16:18

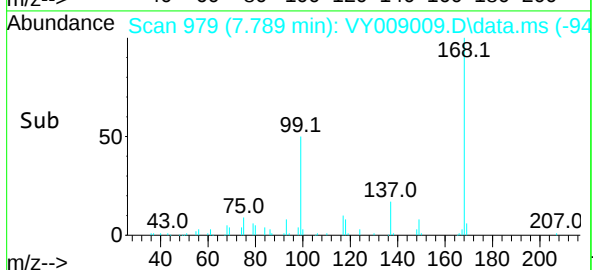
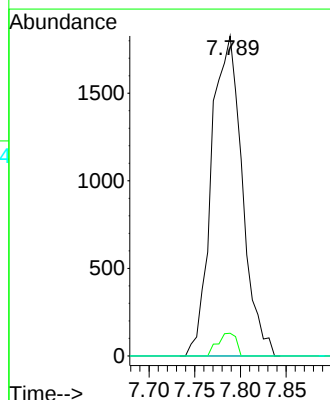
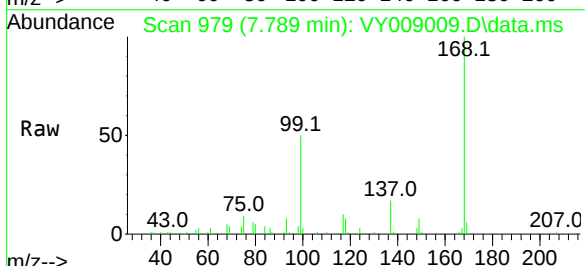
Tgt Ion: 117 Resp: 4263

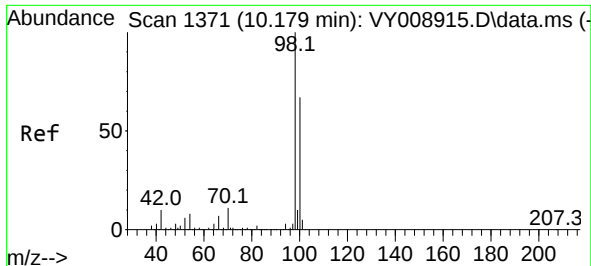
Ion Ratio Lower Upper

117 100

119 7.1 77.9 116.9#

121 0.0 24.8 37.2#

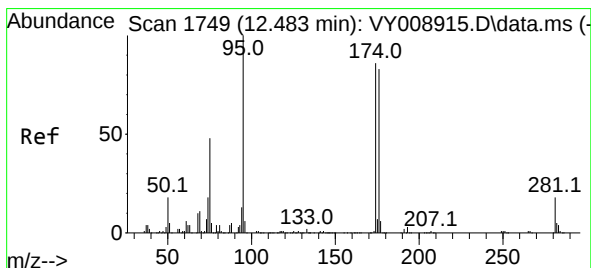
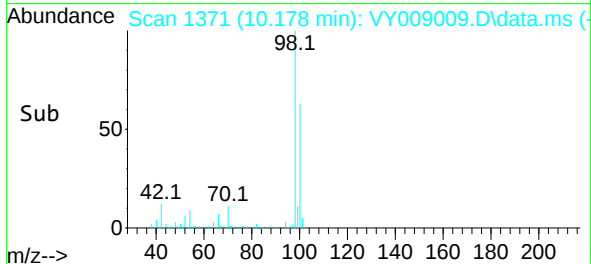
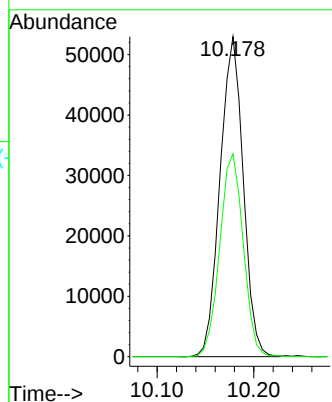
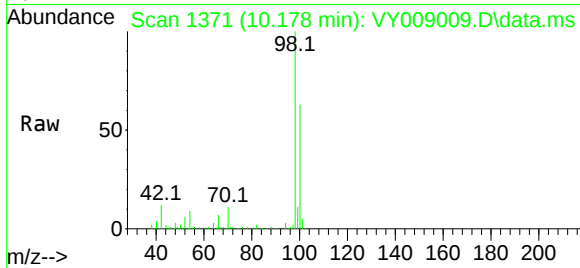




#50
Toluene-d8
Concen: 52.761 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

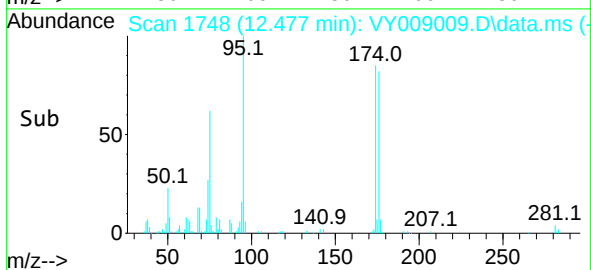
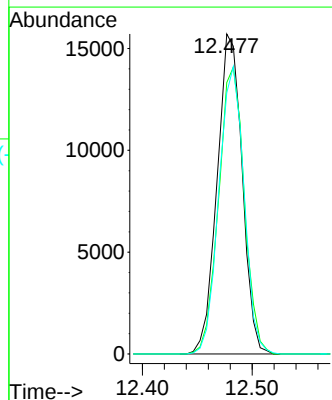
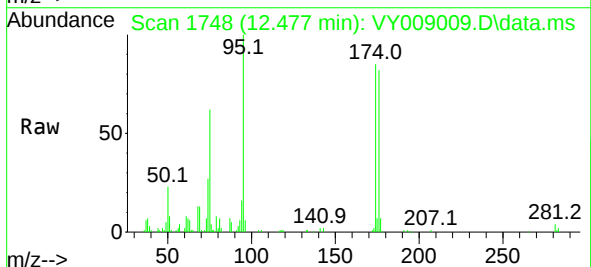
Instrument :
MSVOA_Y
ClientSampleId :
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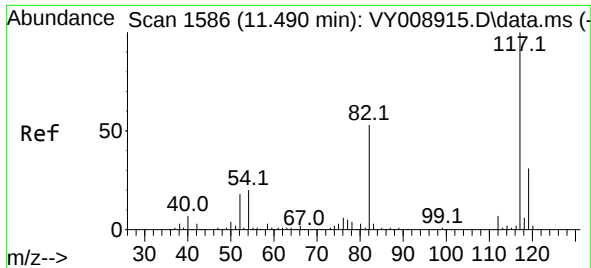
Tgt Ion: 98 Resp: 88151
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.982 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 95 Resp: 24925
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 89.9 0.0 175.8

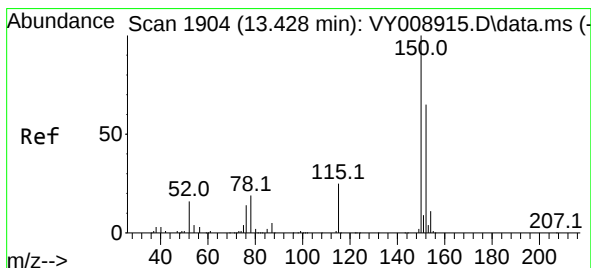
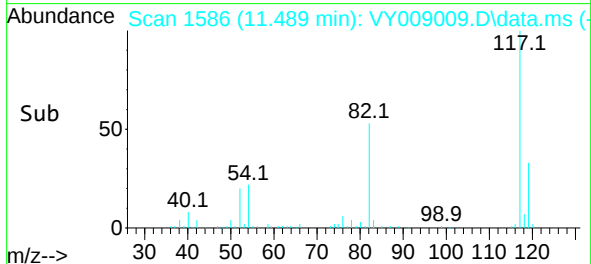
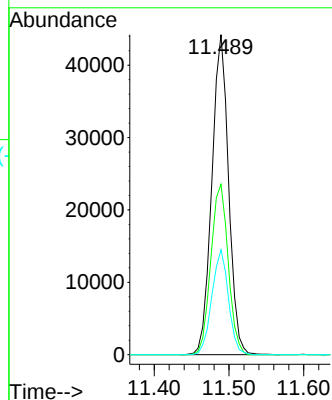
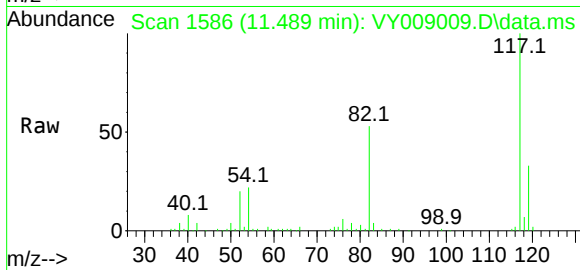




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

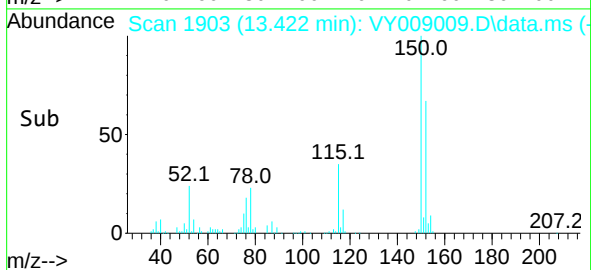
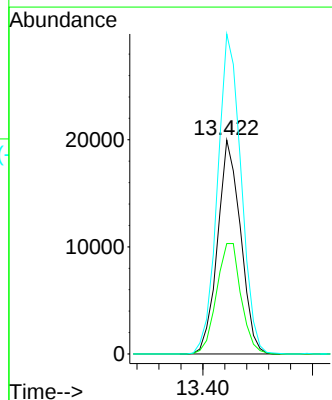
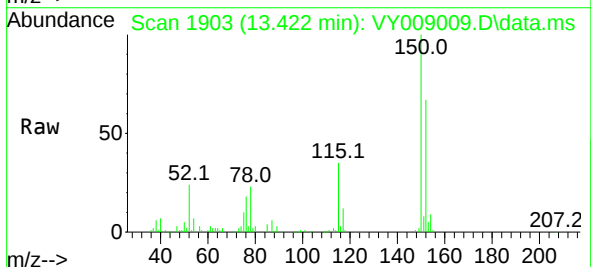
Instrument :
MSVOA_Y
ClientSampleId :
P-8

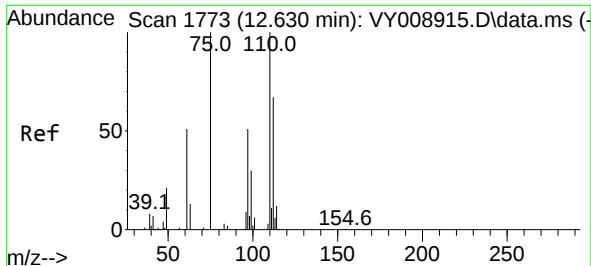
Tgt Ion:117 Resp: 68906
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion:152 Resp: 29065
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 153.6 0.0 347.6

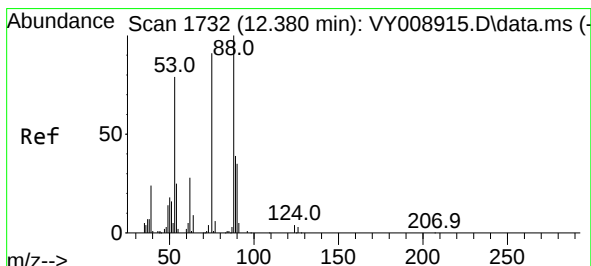
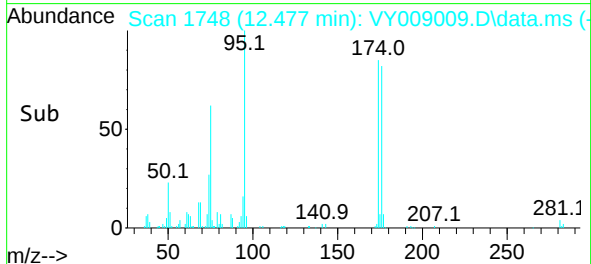
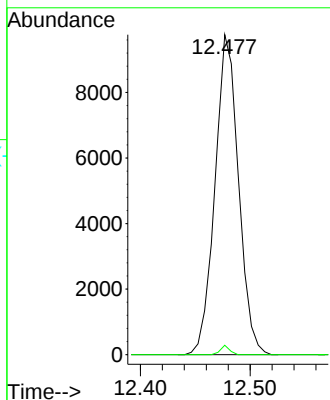
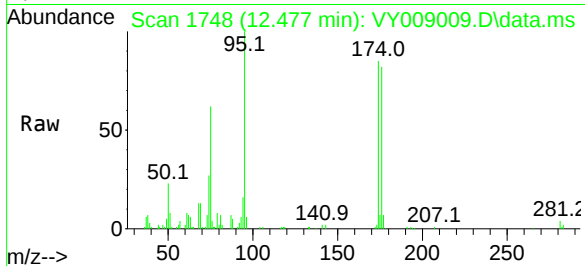




#76
1,2,3-Trichloropropane
Concen: 46.648 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :
P-8

Tgt Ion: 75 Resp: 14560
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.746 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009009.D
Acq: 23 May 2022 16:18

Tgt Ion: 75 Resp: 14560
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

