

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009216.D
 Acq On : 17 Jun 2022 11:00
 Operator : KP/MD
 Sample : VY0617SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 14:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

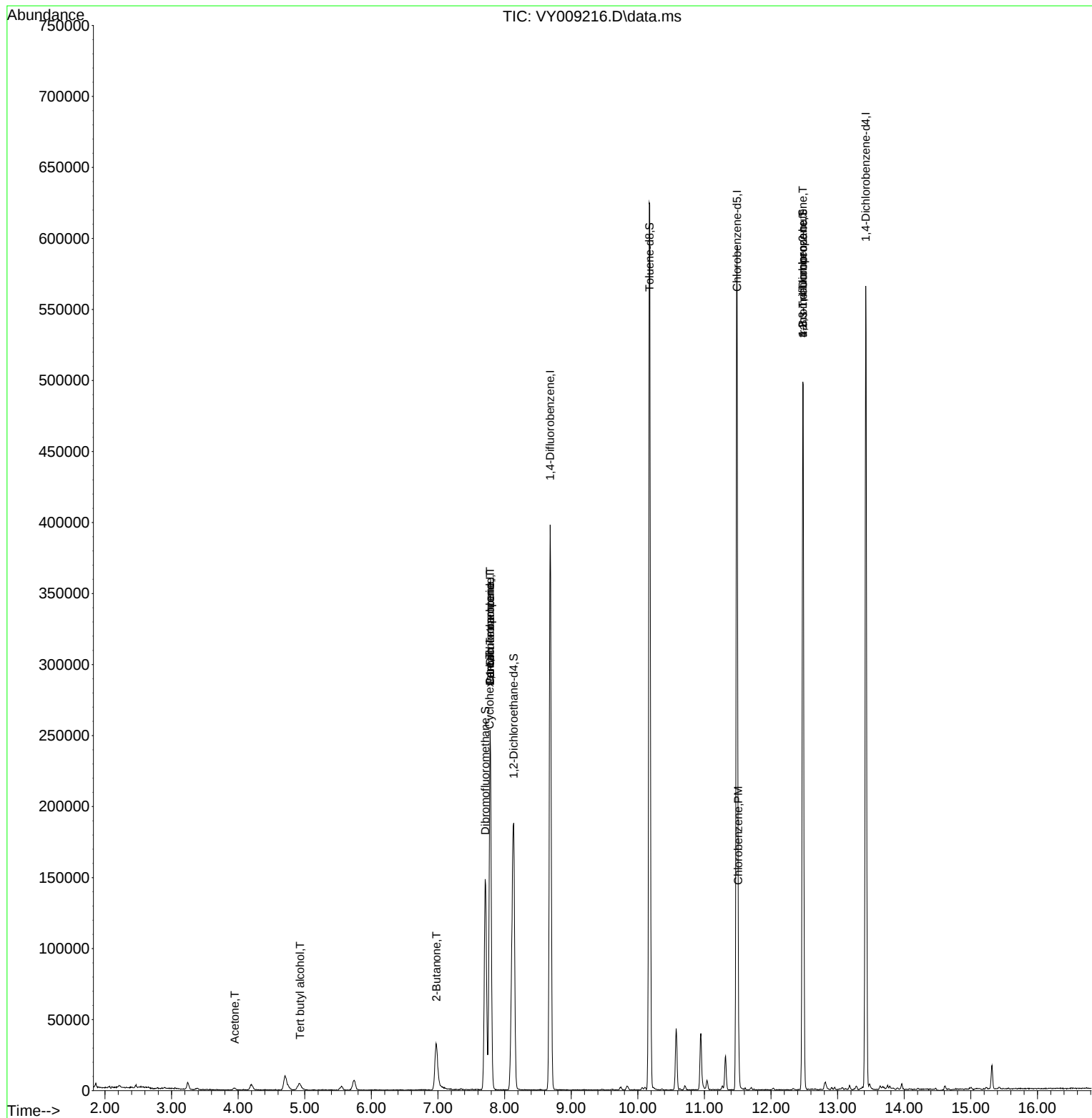
Internal Standards						
1) Pentafluorobenzene	7.783	168	197029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118797	57.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	105794	49.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.179	98	412536	50.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	153425	53.045	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.100%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	5282	16.176	ug/l #	77
13) Acrolein	3.576	56	20	Below Cal	#	48
16) Acetone	3.948	43	2225	4.292	ug/l	99
18) Methyl Acetate	4.478	43	53	Below Cal	#	56
25) 2-Butanone	6.978	43	2341	2.854	ug/l #	90
31) Cyclohexane	7.777	56	4349	1.180	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	15899	4.834	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18448	5.424	ug/l #	15
65) Chlorobenzene	11.508	112	10541	1.512	ug/l	89
76) 1,2,3-Trichloropropane	12.477	75	80167	50.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	80167	99.842	ug/l #	7

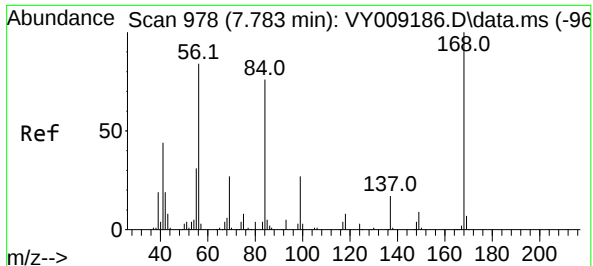
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
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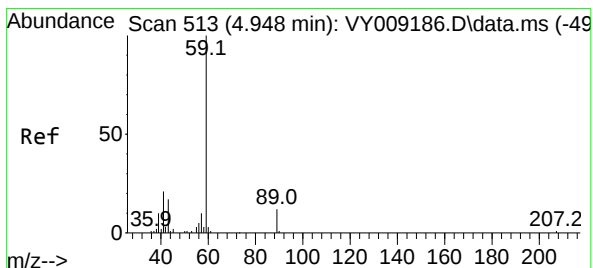
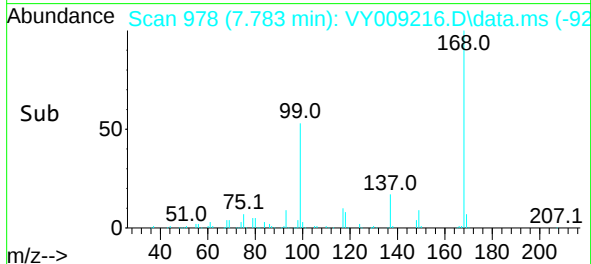
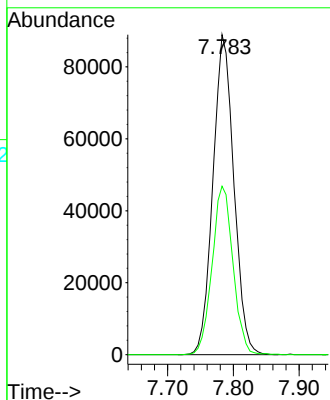
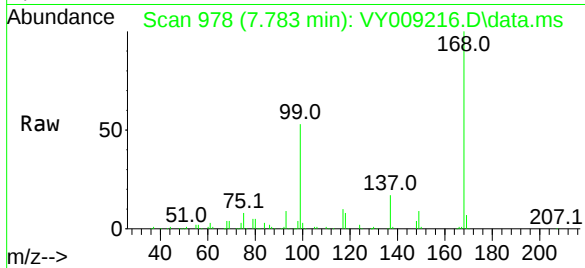




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

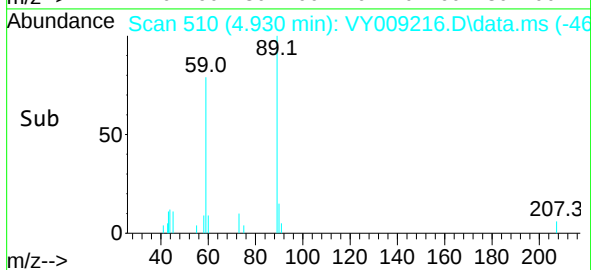
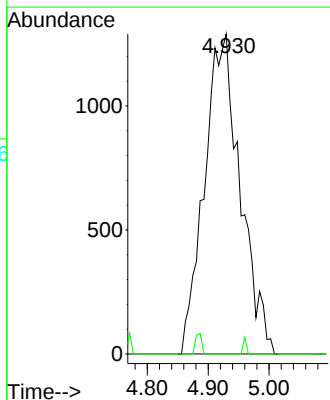
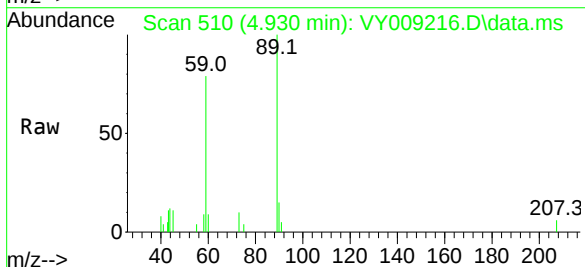
Instrument :
MSVOA_Y
ClientSampleId :

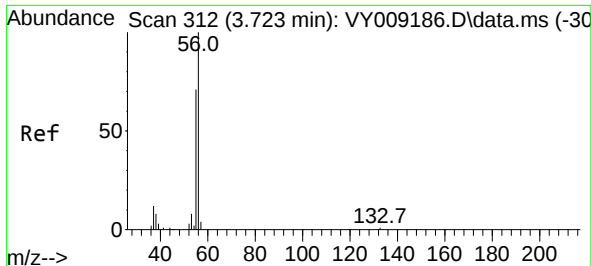
Tgt Ion:168 Resp: 197029
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 16.176 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

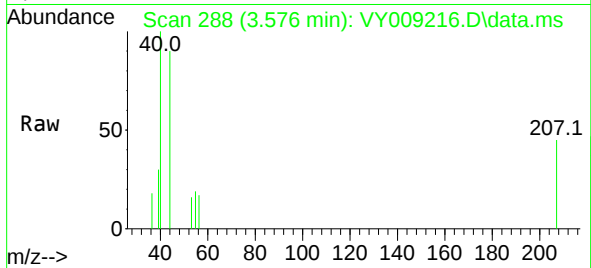
Tgt Ion: 59 Resp: 5282
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



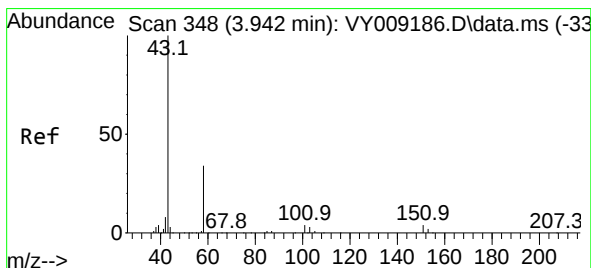
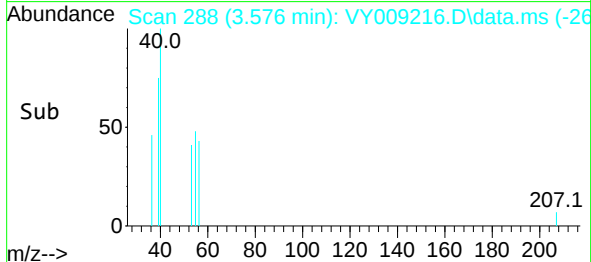
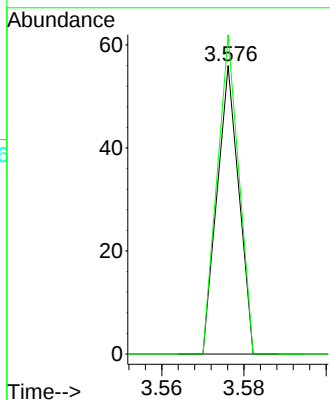


#13
Acrolein
Concen: Below Cal
RT: 3.576 min Scan# 21
Delta R.T. -0.147 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Instrument :
MSVOA_Y
ClientSampleId :

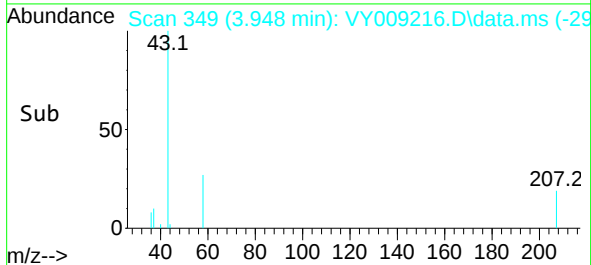
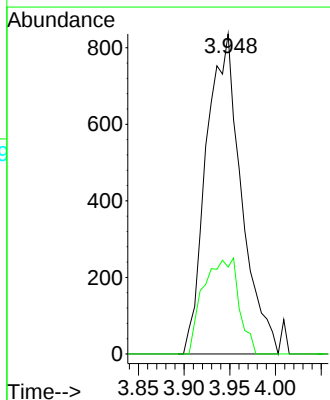
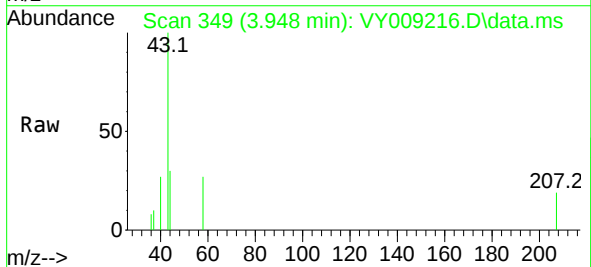


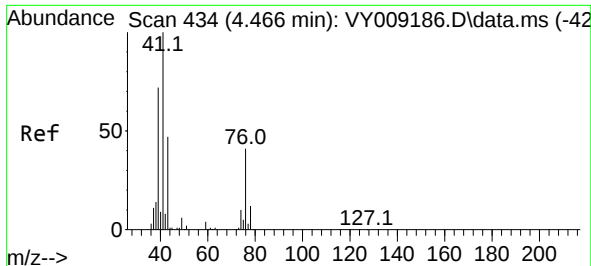
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 115.0 57.6 86.4#



#16
Acetone
Concen: 4.292 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

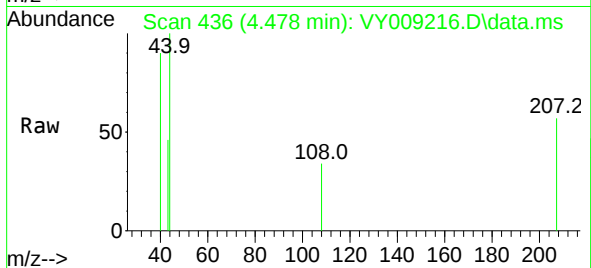
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



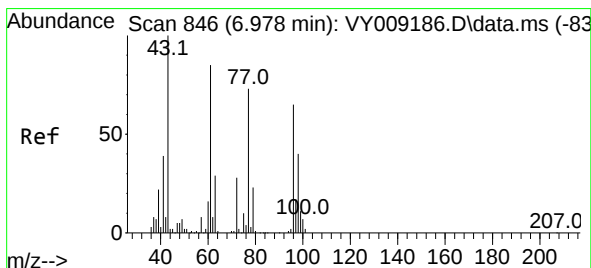
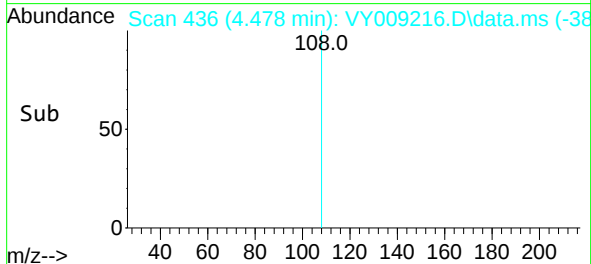
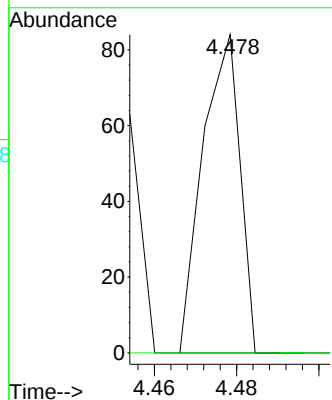


#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Instrument :
MSVOA_Y
ClientSampleId :

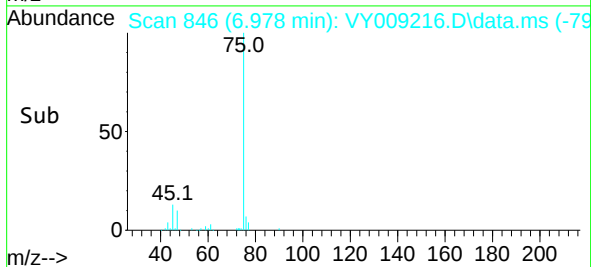
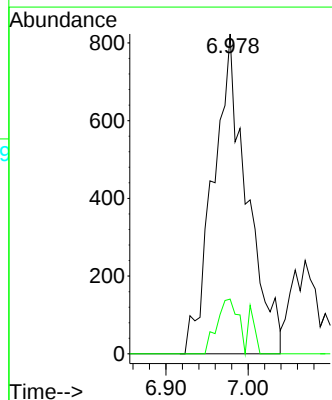
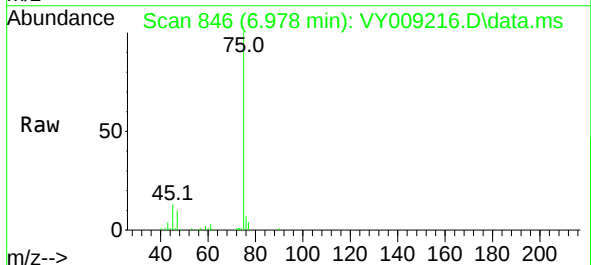


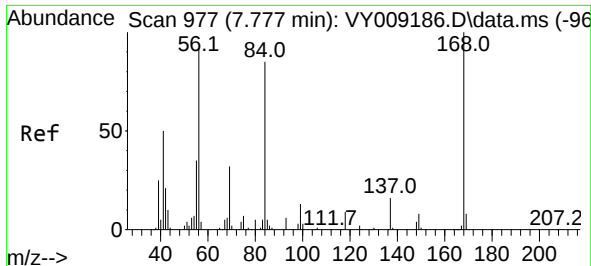
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#25
2-Butanone
Concen: 2.854 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

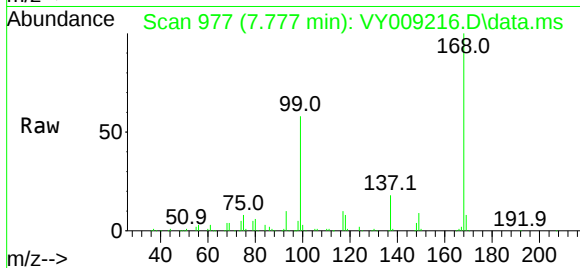
Tgt Ion: 43 Resp: 2341
Ion Ratio Lower Upper
43 100
72 17.1 17.7 26.5#



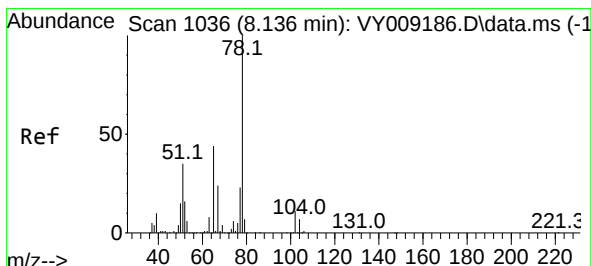
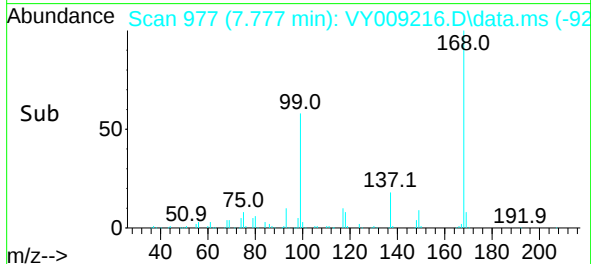
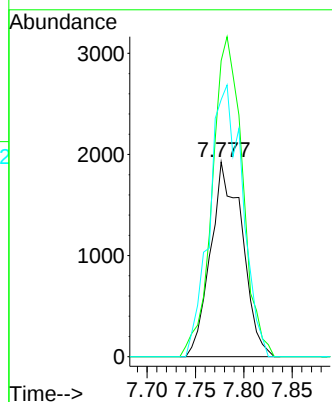


#31
Cyclohexane
Concen: 1.180 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Instrument :
MSVOA_Y
ClientSampleId :

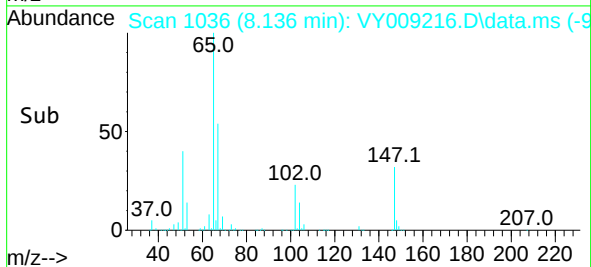
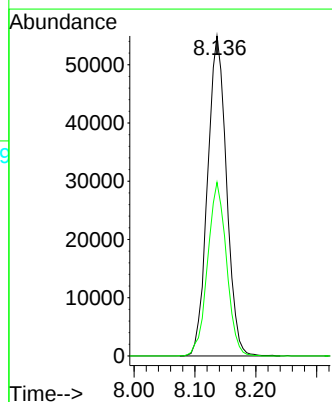
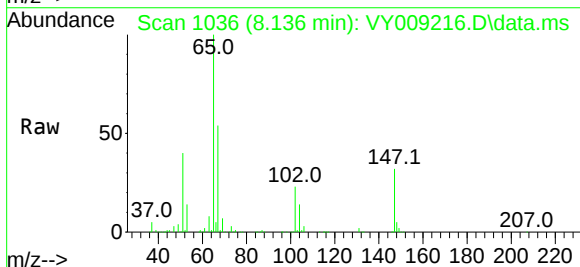


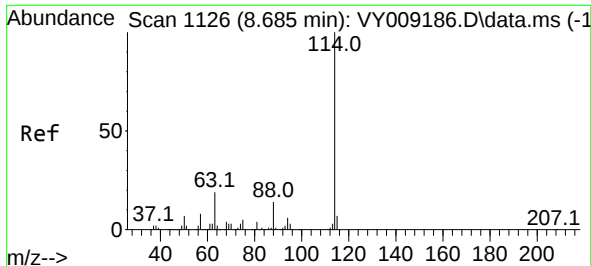
Tgt Ion: 56 Resp: 4349
Ion Ratio Lower Upper
56 100
69 152.0 26.7 40.1#
84 131.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.720 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Tgt Ion: 65 Resp: 118797
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

Instrument :

MSVOA_Y

ClientSampleId :

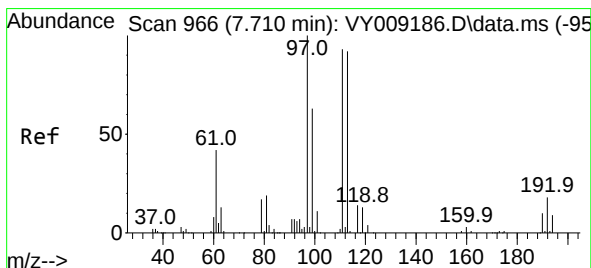
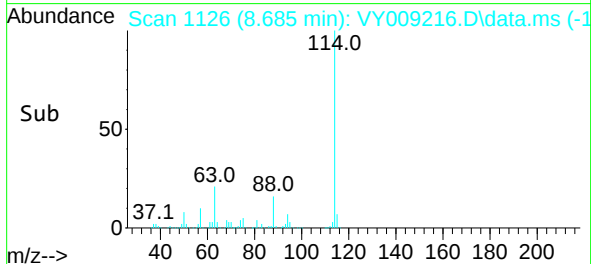
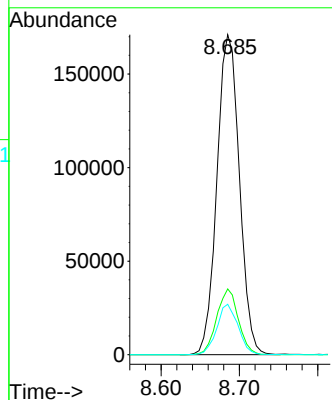
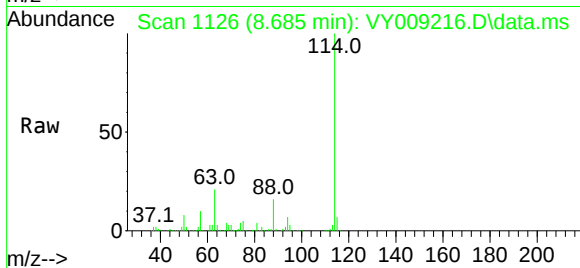
Tgt Ion:114 Resp: 341037

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.479 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

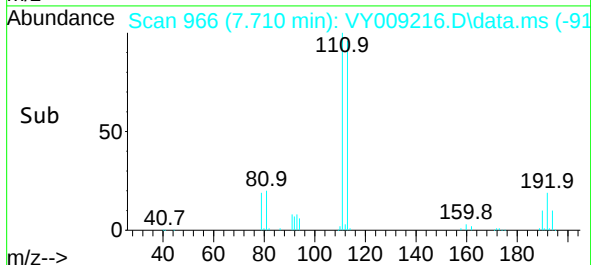
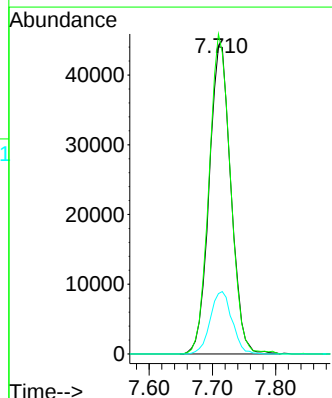
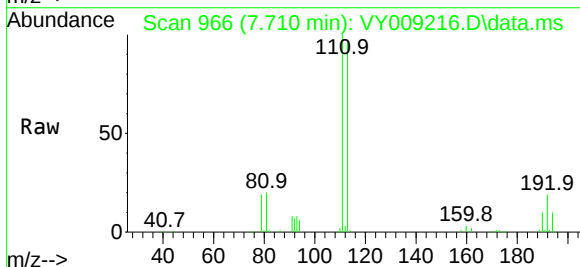
Tgt Ion:113 Resp: 105794

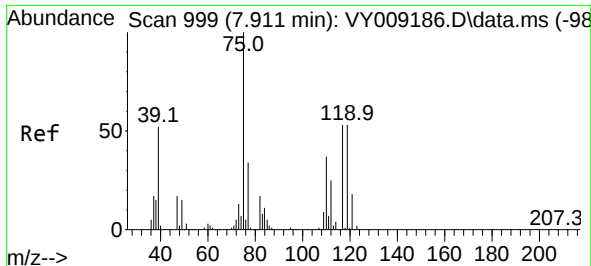
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.2 17.6 26.4

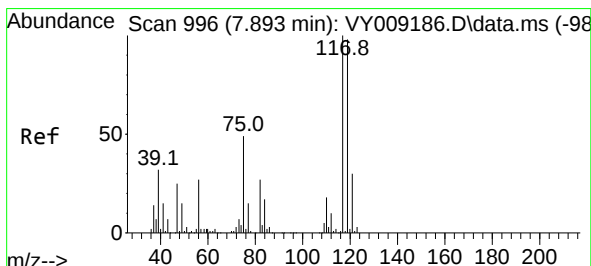
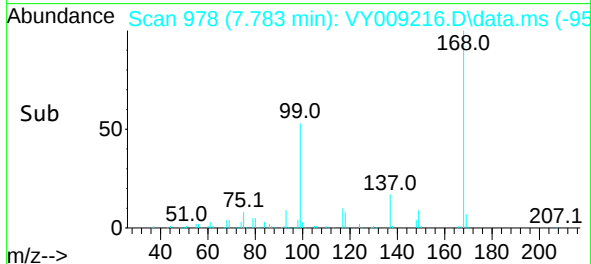
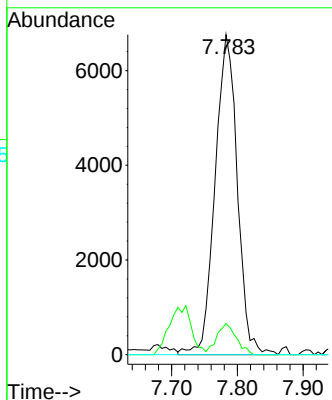
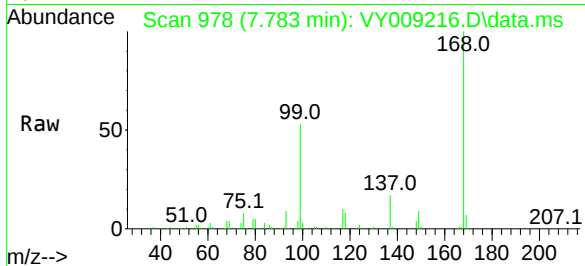




#36
 1,1-Dichloropropene
 Concen: 4.834 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY009216.D
 Acq: 17 Jun 2022 11:00

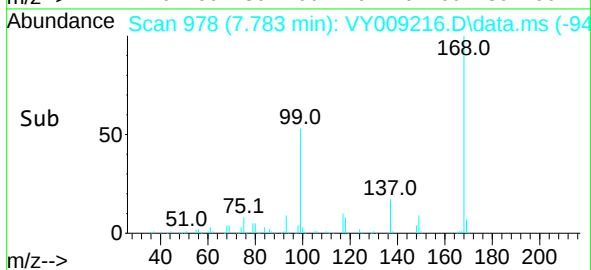
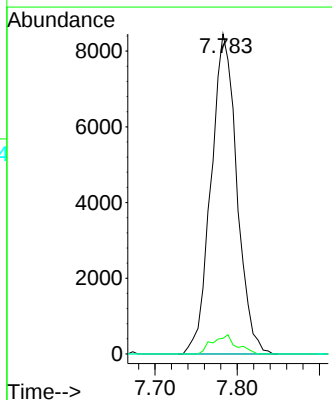
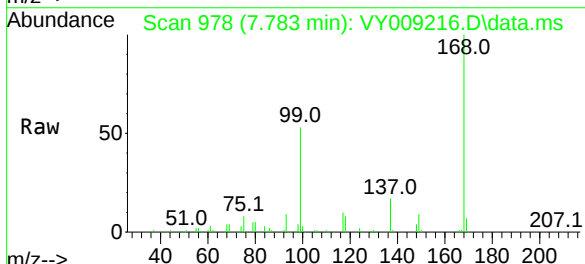
Instrument :
 MSVOA_Y
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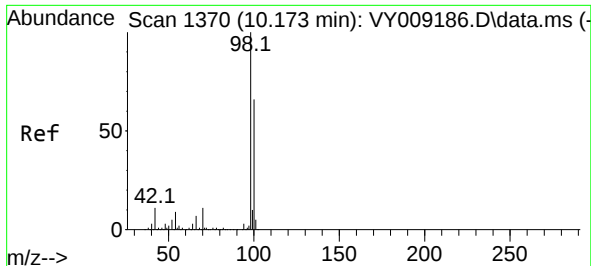
Tgt Ion: 75 Resp: 15899
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.424 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.110 min
 Lab File: VY009216.D
 Acq: 17 Jun 2022 11:00

Tgt Ion: 117 Resp: 18448
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.9 116.9#
 121 0.0 24.8 37.2#

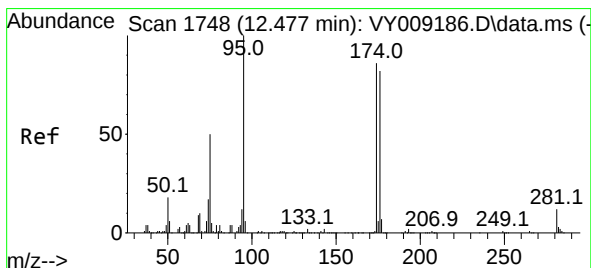
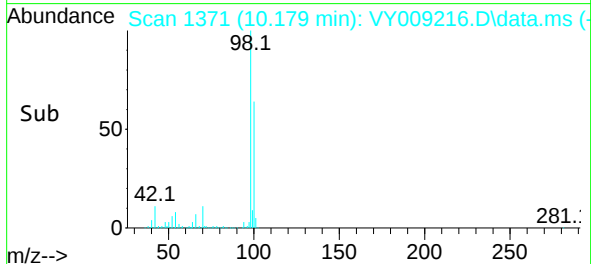
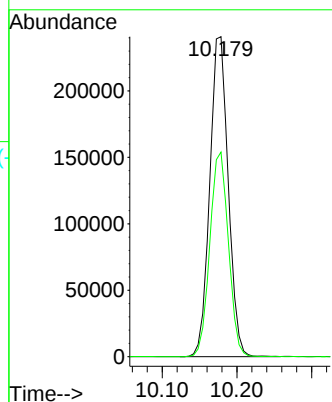
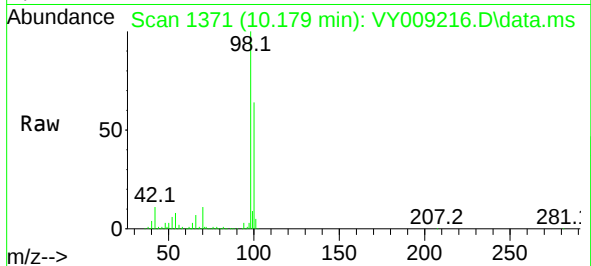




#50
Toluene-d8
Concen: 50.685 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

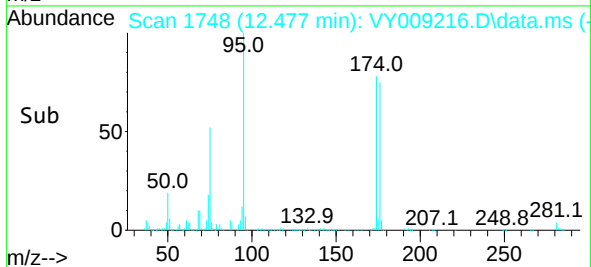
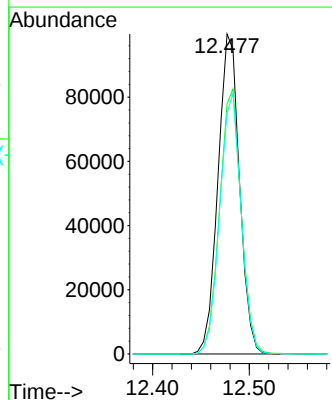
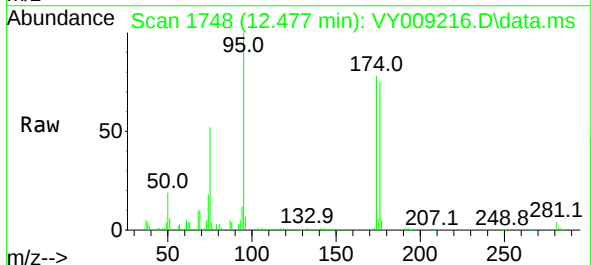
Instrument :
MSVOA_Y
ClientSampleId :

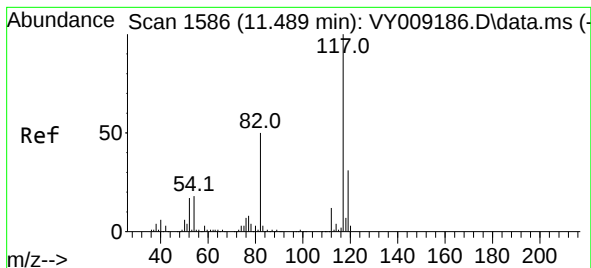
Tgt Ion: 98 Resp: 412536
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.045 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Tgt Ion: 95 Resp: 153425
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

Instrument :

MSVOA_Y

ClientSampleId :

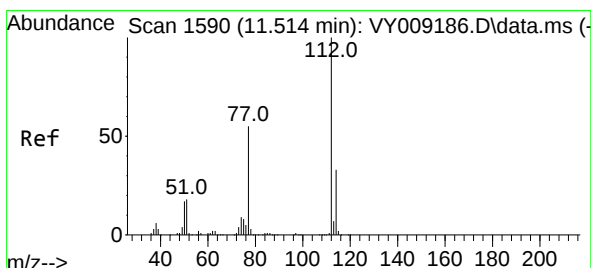
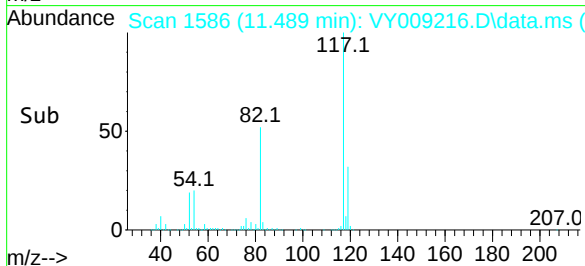
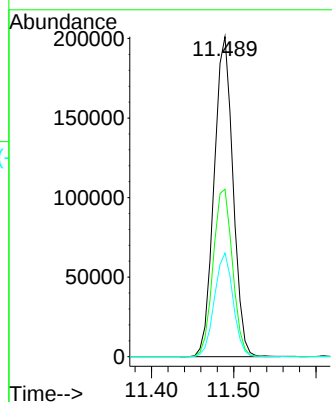
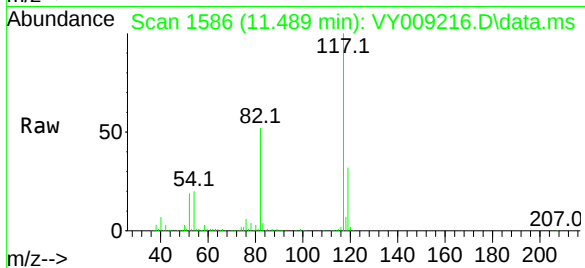
Tgt Ion:117 Resp: 321927

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.4 25.4 38.0



#65

Chlorobenzene

Concen: 1.512 ug/l

RT: 11.508 min Scan# 1589

Delta R.T. -0.006 min

Lab File: VY009216.D

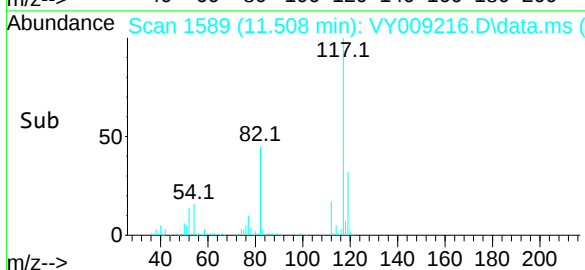
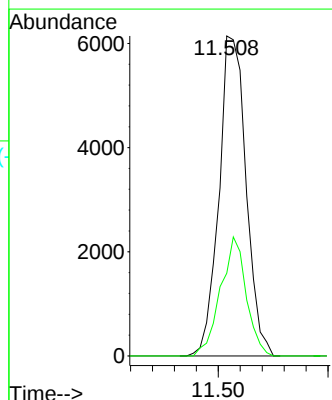
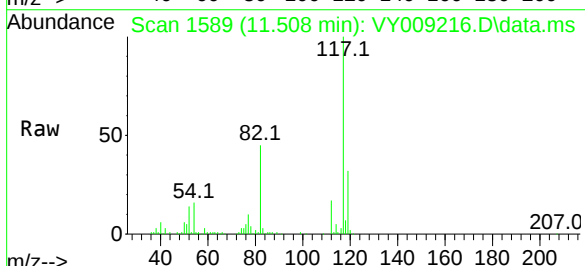
Acq: 17 Jun 2022 11:00

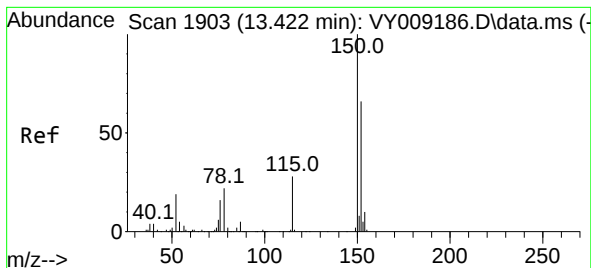
Tgt Ion:112 Resp: 10541

Ion Ratio Lower Upper

112 100

114 25.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

Instrument :

MSVOA_Y

ClientSampleId :

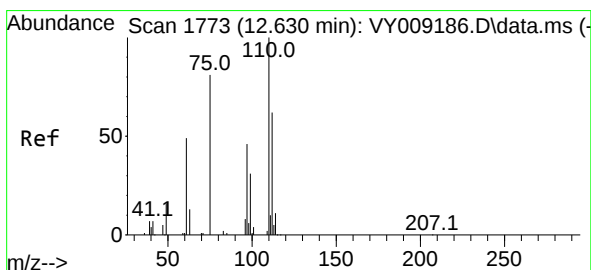
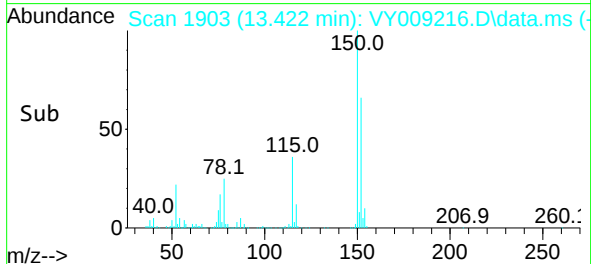
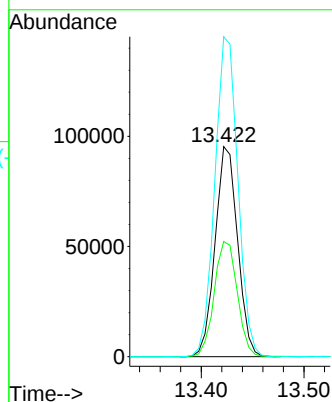
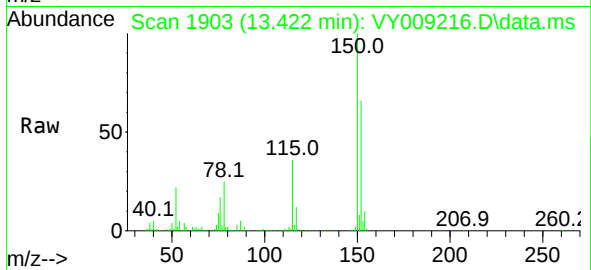
Tgt Ion:152 Resp: 144921

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 50.099 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009216.D

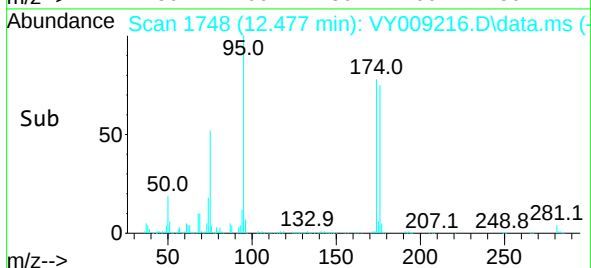
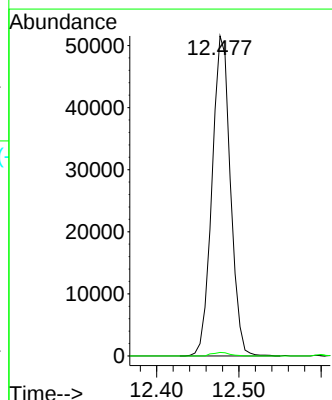
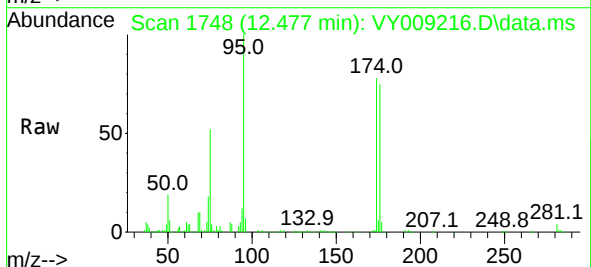
Acq: 17 Jun 2022 11:00

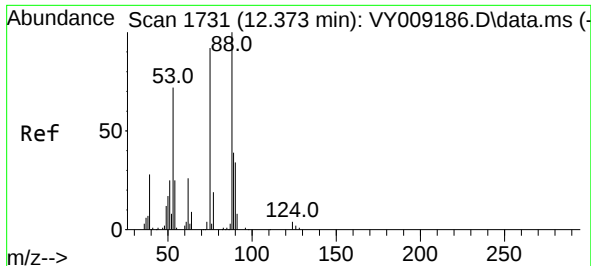
Tgt Ion: 75 Resp: 80167

Ion Ratio Lower Upper

75 100

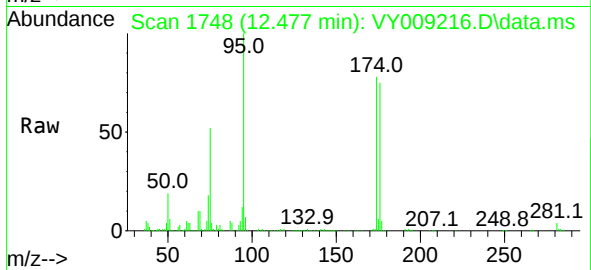
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.842 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009216.D
 Acq: 17 Jun 2022 11:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80167
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.2 37.0 55.4#

