

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042922\
 Data File : VY008557.D
 Acq On : 29 Apr 2022 14:25
 Operator : KP/MD
 Sample : N2564-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-164718

Quant Time: Apr 29 15:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

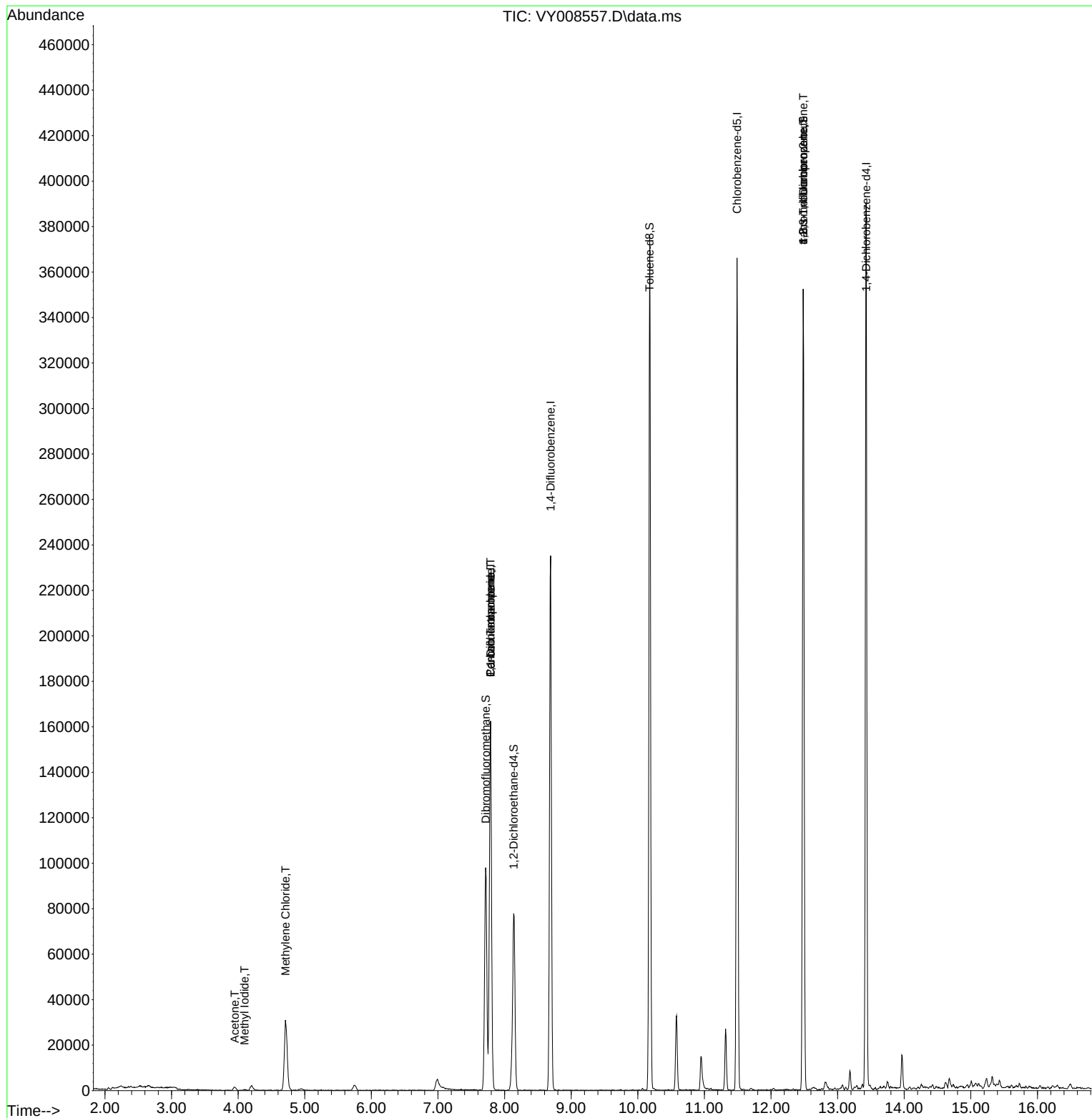
Internal Standards						
1) Pentafluorobenzene	7.789	168	138272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57500	35.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.680%
35) Dibromofluoromethane	7.716	113	69369	48.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.640%
50) Toluene-d8	10.179	98	254324	44.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.380%
62) 4-Bromofluorobenzene	12.483	95	90579	46.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.700%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	513	1.930	ug/l #	77
11) Tert butyl alcohol	4.942	59	1370	Below Cal	#	77
16) Acetone	3.948	43	2634	6.951	ug/l	92
20) Methylene Chloride	4.710	84	25604	7.782	ug/l #	75
36) 1,1-Dichloropropene	7.789	75	8929	3.910	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12173	5.130	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	45089	32.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45089	75.878	ug/l #	7

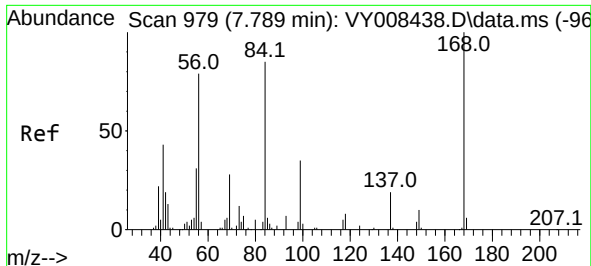
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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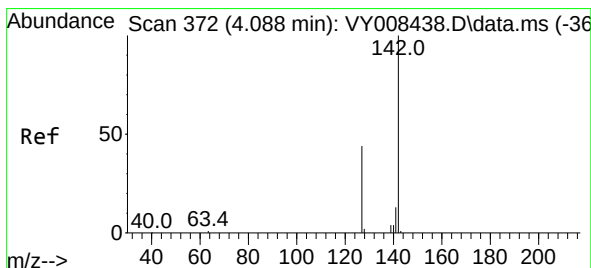
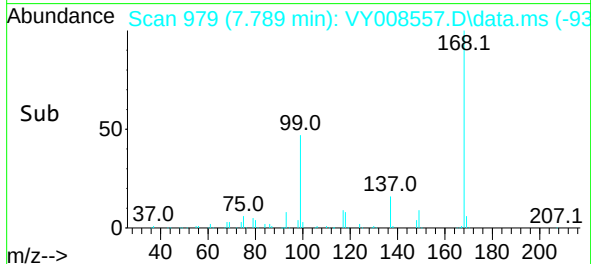
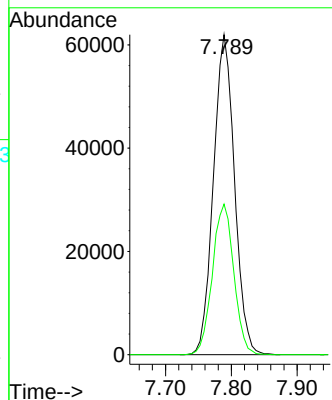
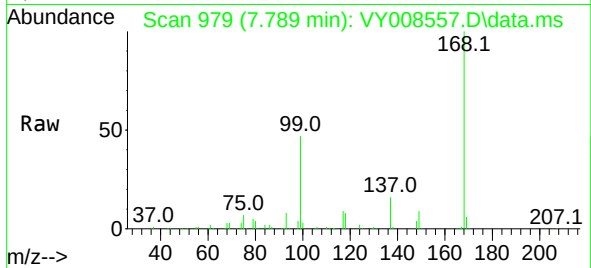




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

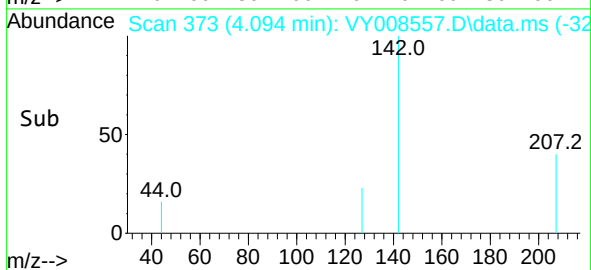
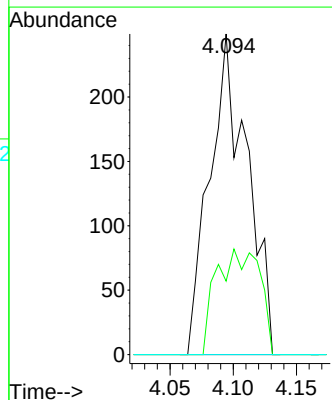
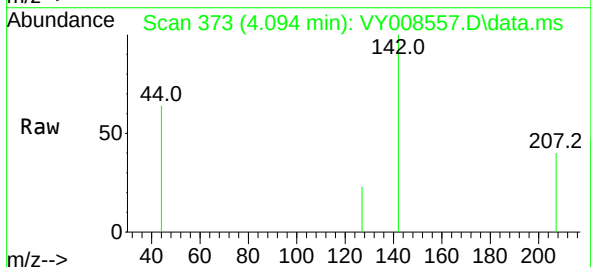
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

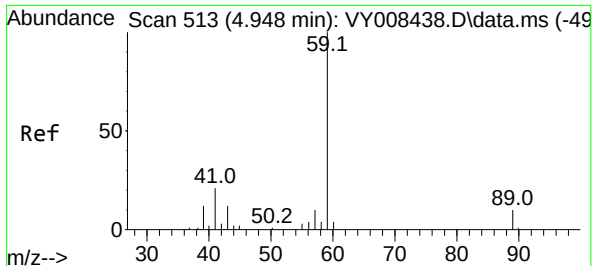
Tgt Ion:168 Resp: 138272
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#10
Methyl Iodide
Concen: 1.930 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
127 38.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

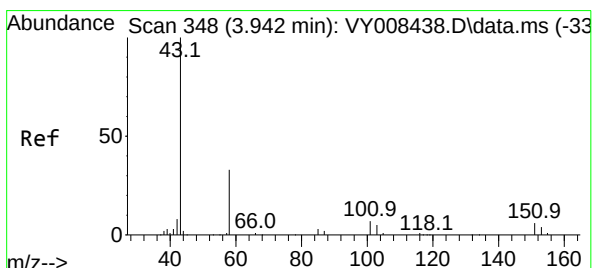
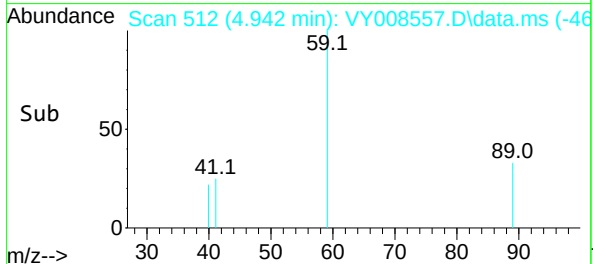
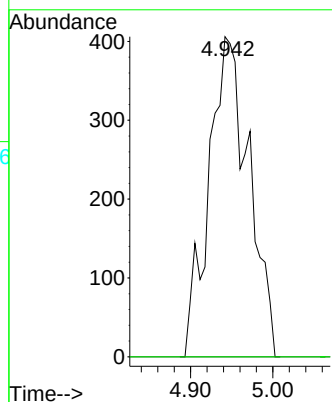
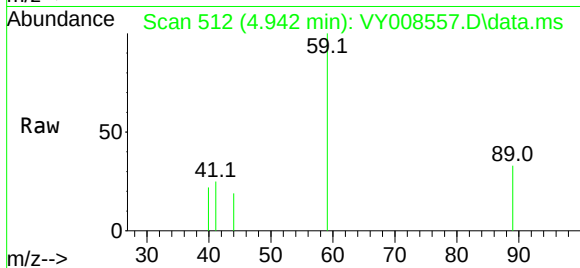
PSC-164718

Tgt Ion: 59 Resp: 1370

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.951 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY008557.D

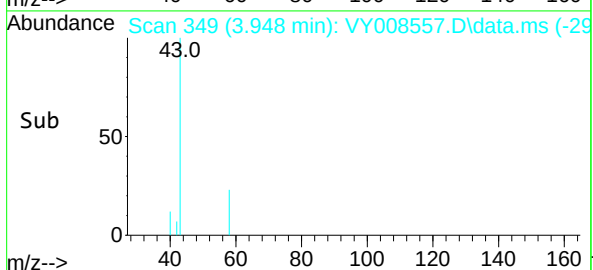
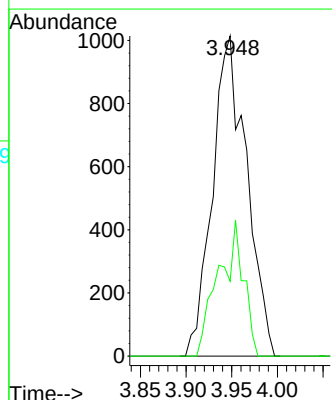
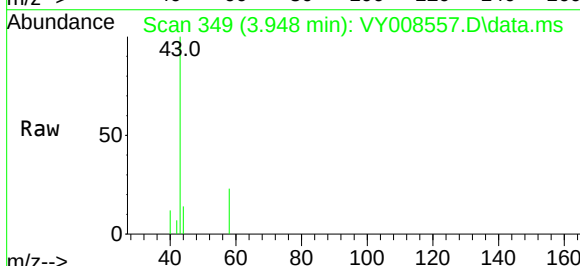
Acq: 29 Apr 2022 14:25

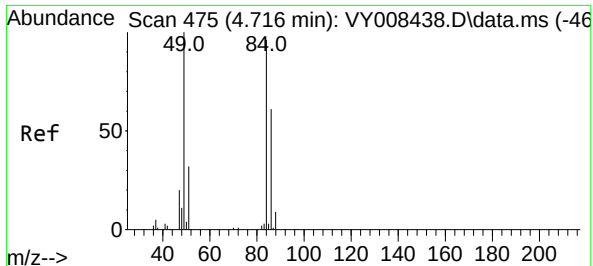
Tgt Ion: 43 Resp: 2634

Ion Ratio Lower Upper

43 100

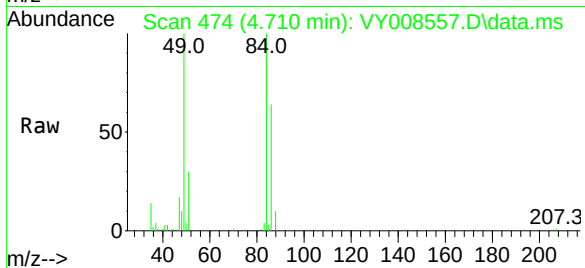
58 23.4 22.0 33.0



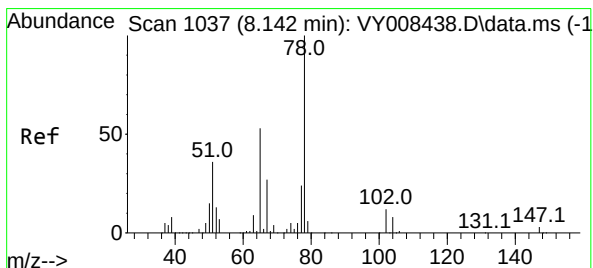
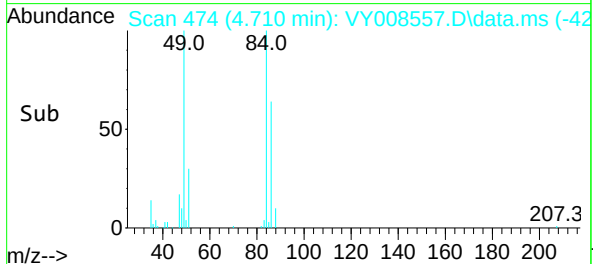
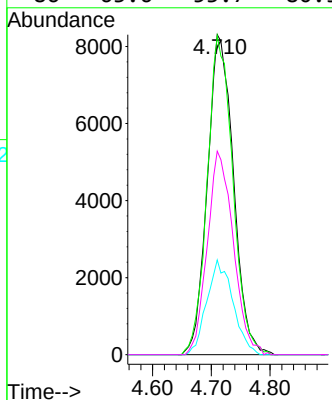


#20
Methylene Chloride
Concen: 7.782 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

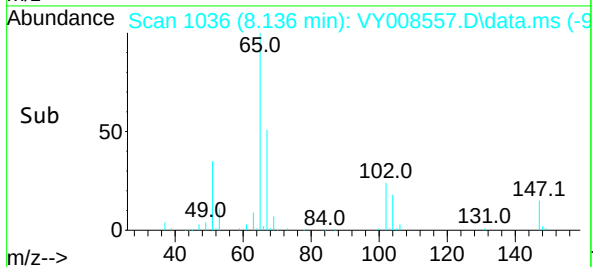
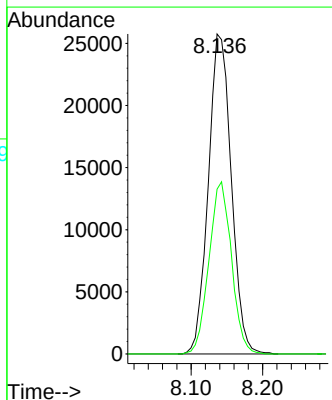
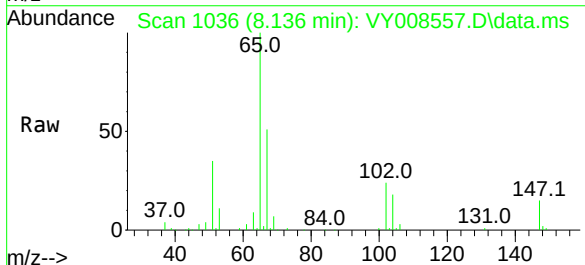


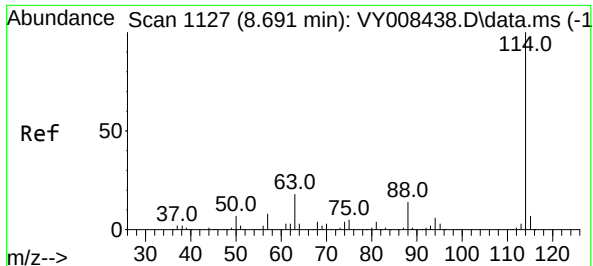
Tgt Ion: 84 Resp: 25604
Ion Ratio Lower Upper
84 100
49 99.7 114.4 171.6#
51 29.6 35.3 52.9#
86 63.6 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 35.342 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Tgt Ion: 65 Resp: 57500
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

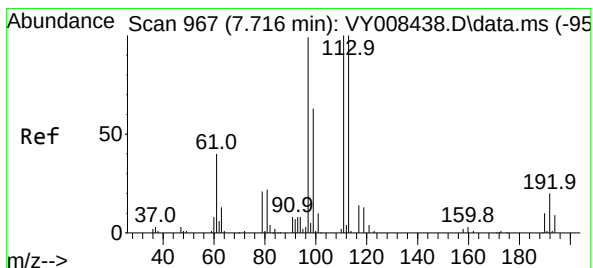
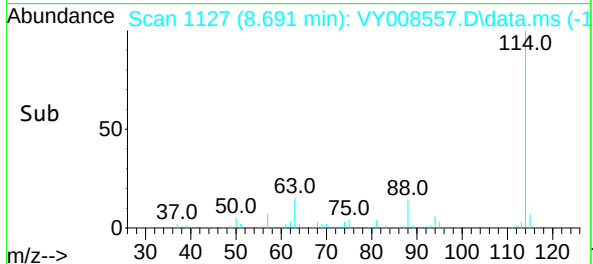
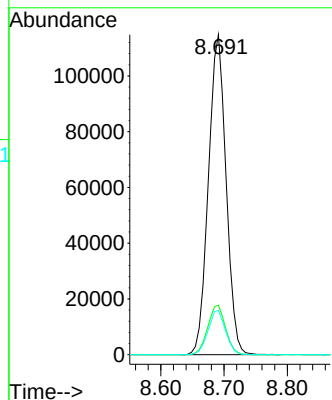
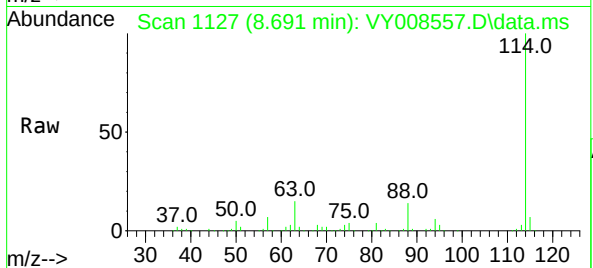
Tgt Ion:114 Resp: 222467

Ion Ratio Lower Upper

114 100

63 15.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.315 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

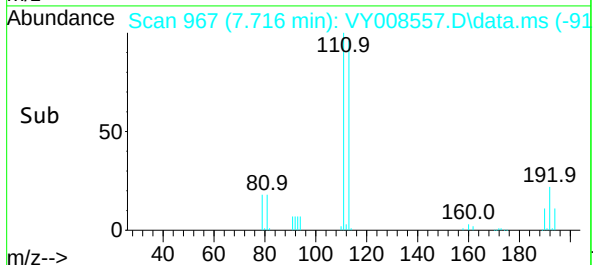
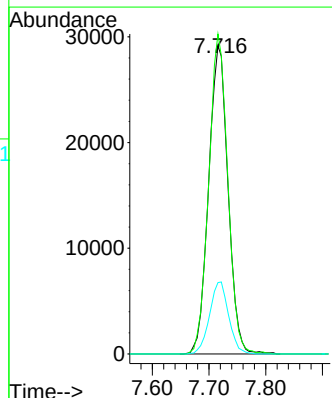
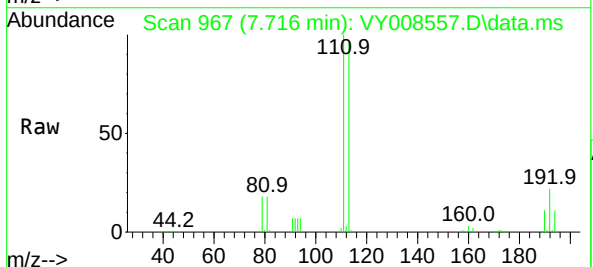
Tgt Ion:113 Resp: 69369

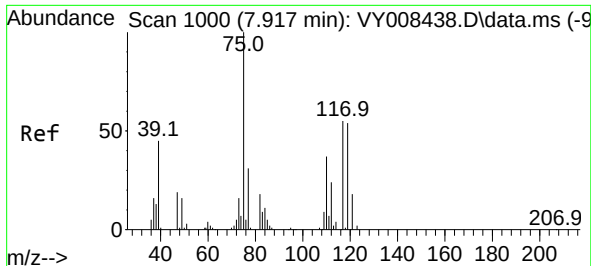
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 23.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 3.910 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

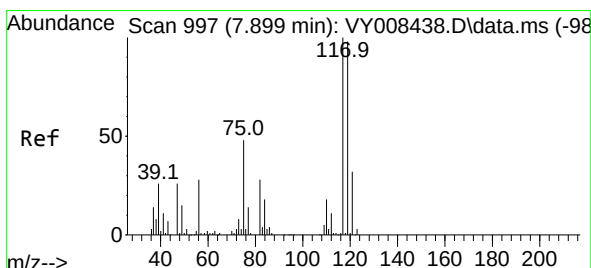
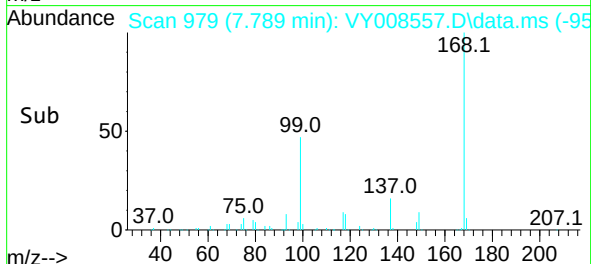
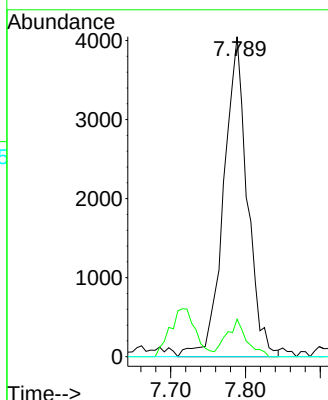
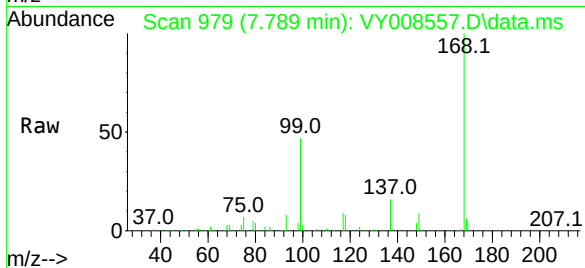
Tgt Ion: 75 Resp: 8929

Ion Ratio Lower Upper

75 100

110 9.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.130 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

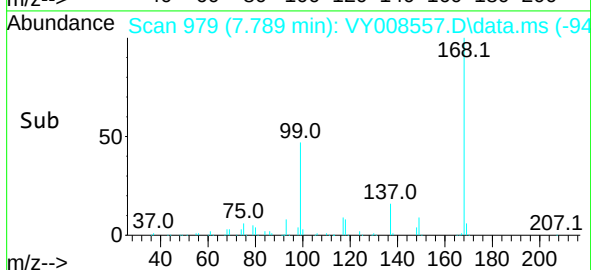
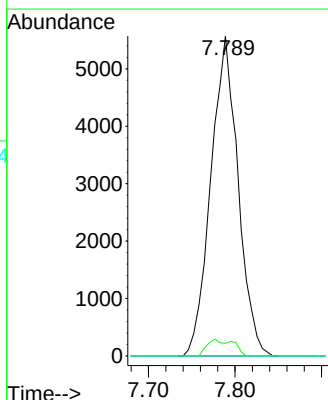
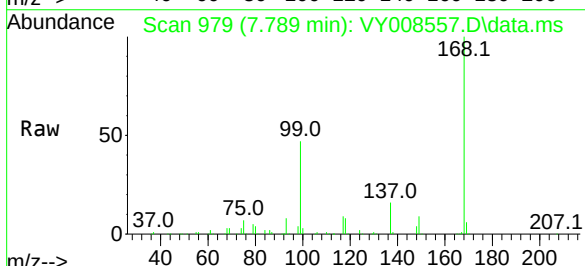
Tgt Ion: 117 Resp: 12173

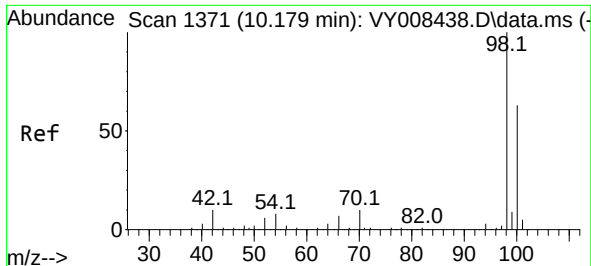
Ion Ratio Lower Upper

117 100

119 4.0 77.9 116.9#

121 0.0 24.8 37.2#

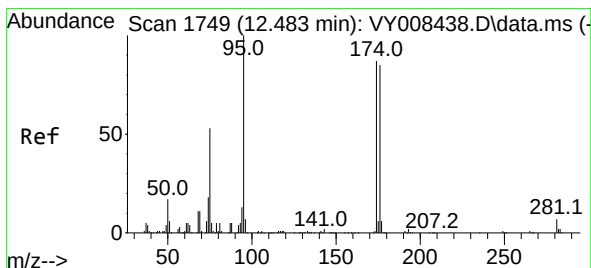
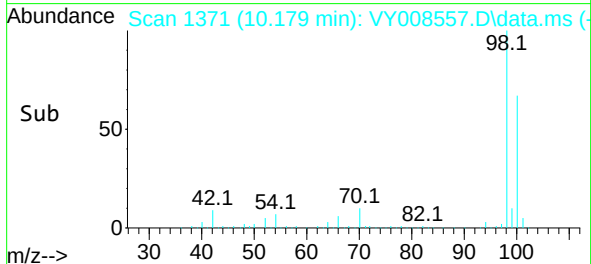
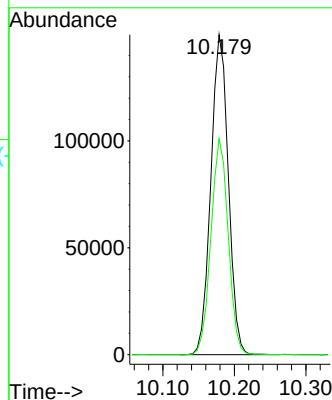
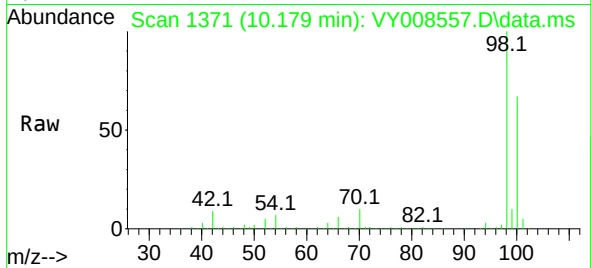




#50
Toluene-d8
Concen: 44.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

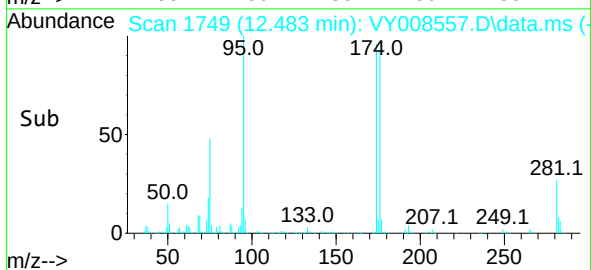
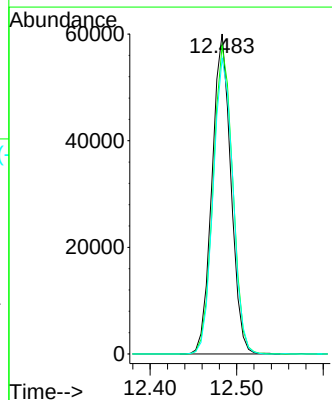
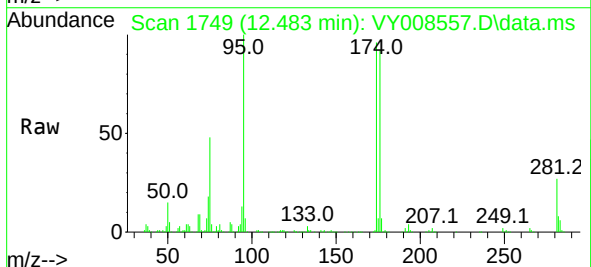
Instrument :
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ClientSampleId :
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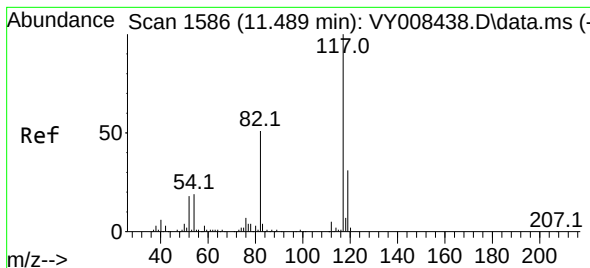
Tgt Ion: 98 Resp: 254324
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Tgt Ion: 95 Resp: 90579
Ion Ratio Lower Upper
95 100
174 100.0 0.0 177.0
176 96.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008557.D

Acq: 29 Apr 2022 14:25

Instrument :

MSVOA_Y

ClientSampleId :

PSC-164718

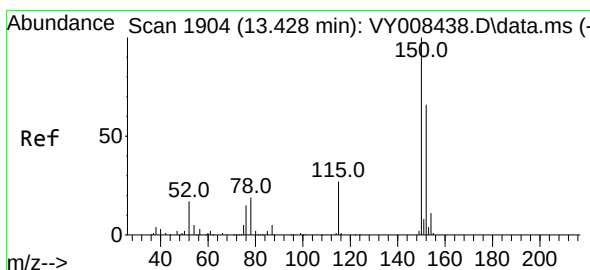
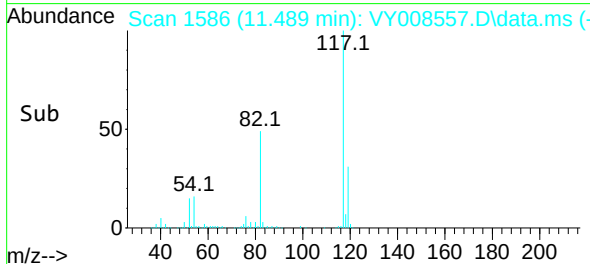
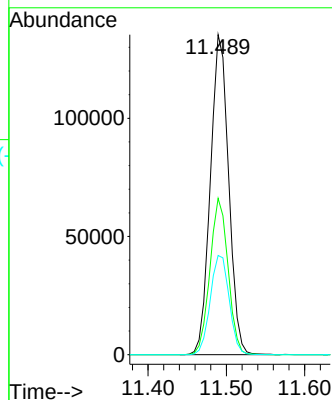
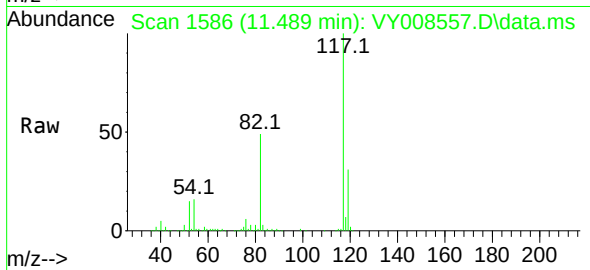
Tgt Ion:117 Resp: 219223

Ion Ratio Lower Upper

117 100

82 48.9 43.0 64.4

119 31.0 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: VY008557.D

Acq: 29 Apr 2022 14:25

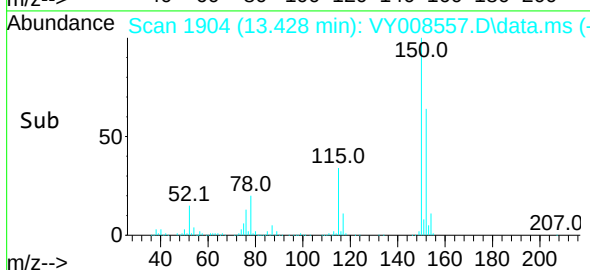
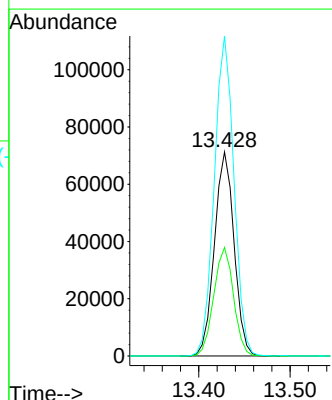
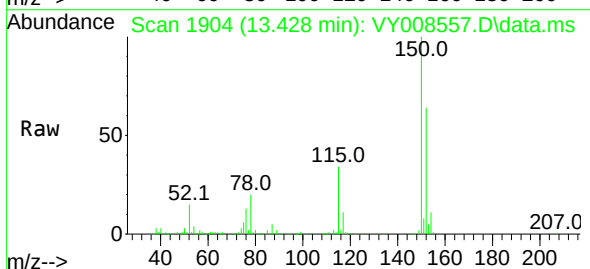
Tgt Ion:152 Resp: 106520

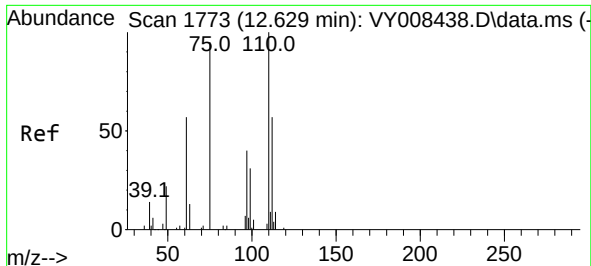
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 156.9 0.0 347.6

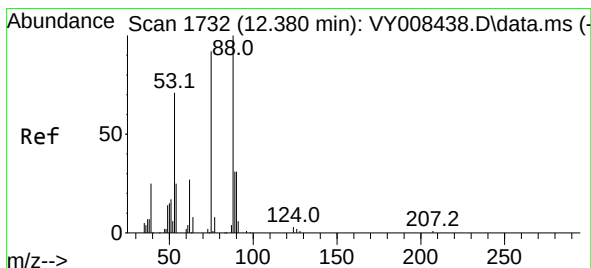
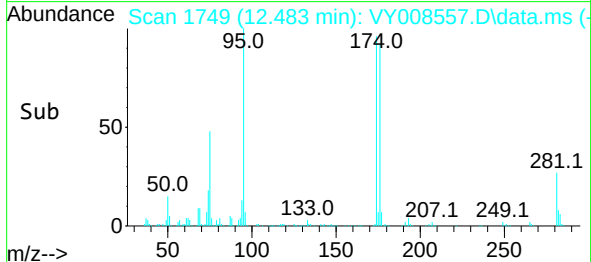
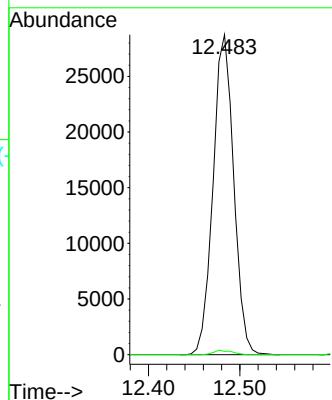
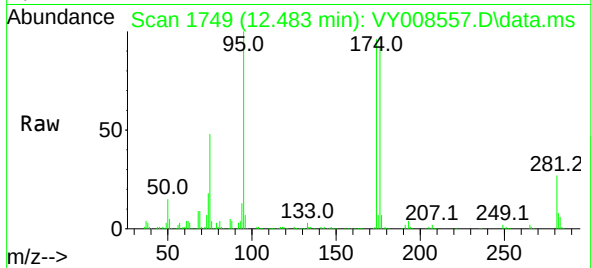




#76
1,2,3-Trichloropropane
Concen: 32.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

Tgt Ion: 75 Resp: 45089
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.878 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

Tgt Ion: 75 Resp: 45089
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

