

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)

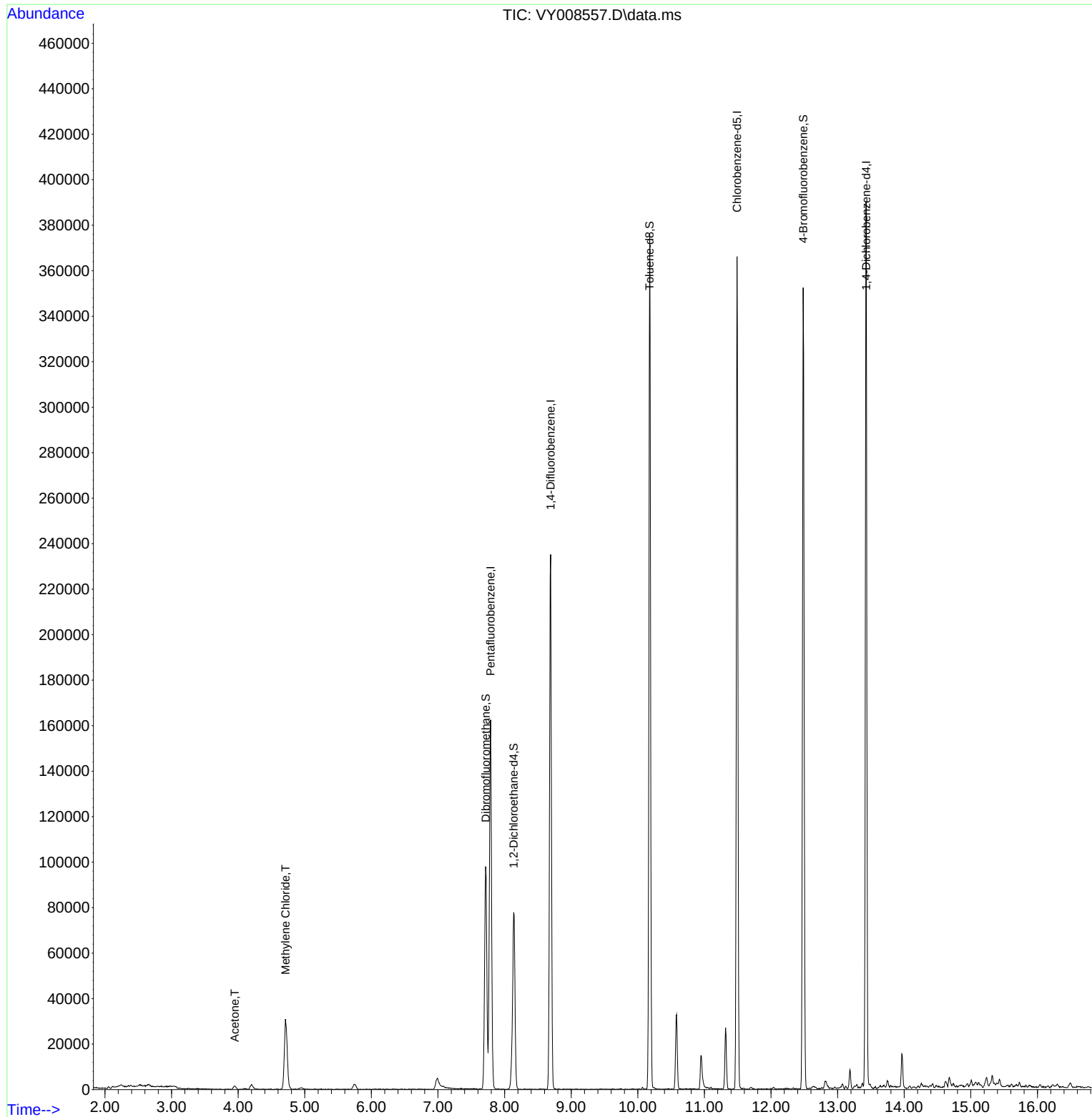
Internal Standards						
1) Pentafluorobenzene	7.789	168	138272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	219223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	3.948	43	2634	6.951	ug/l	92
20) Methylene Chloride	4.710	84	25604	7.782	ug/l #	75

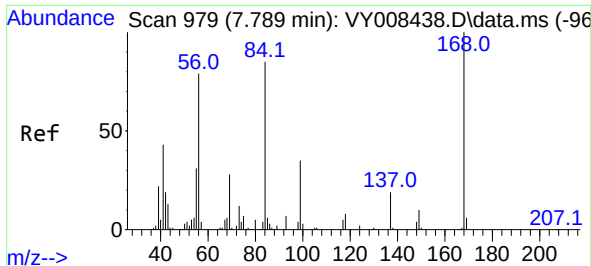
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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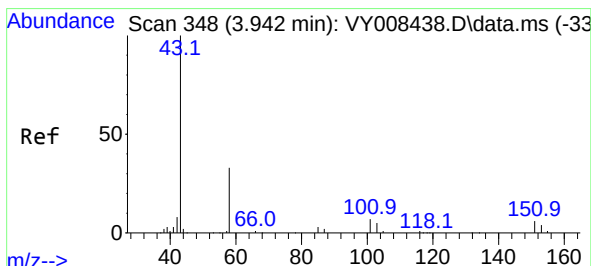
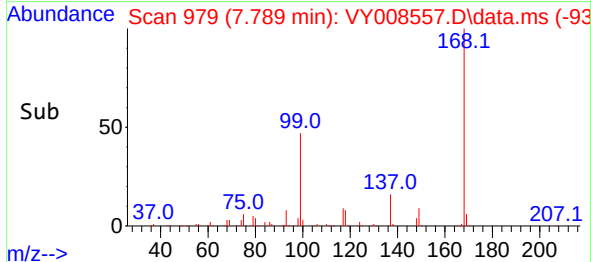
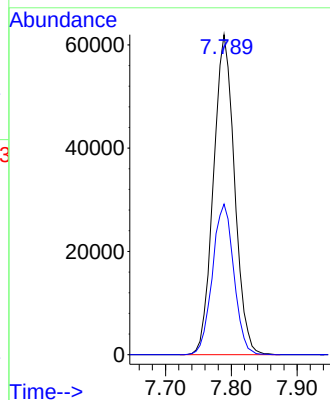
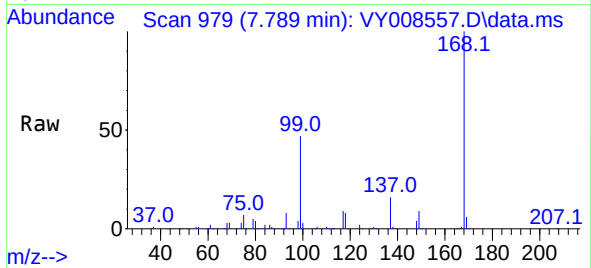




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

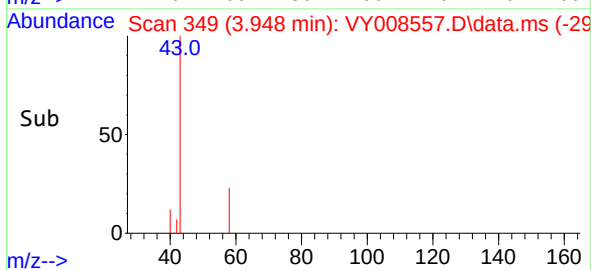
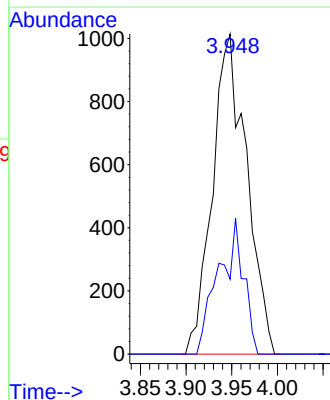
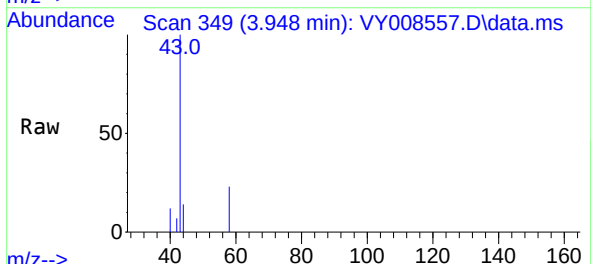
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

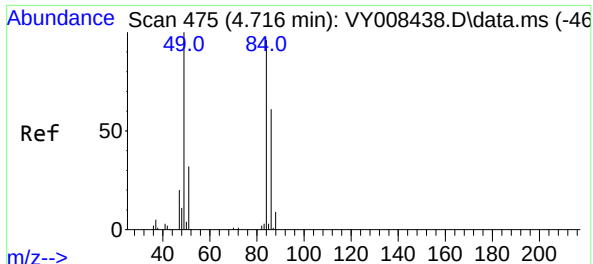
Tgt Ion:168 Resp: 138272
Ion Ratio Lower Upper
168 100
99 47.1 46.9 70.3



#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

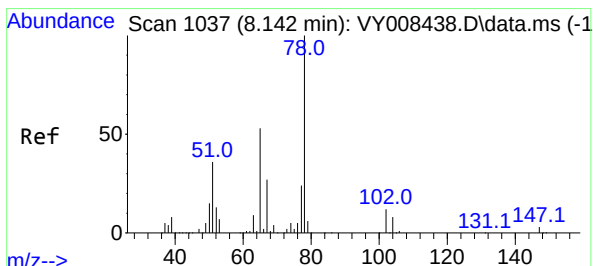
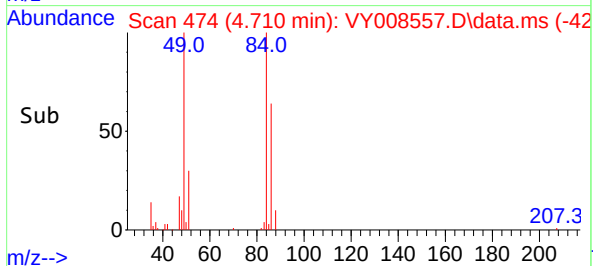
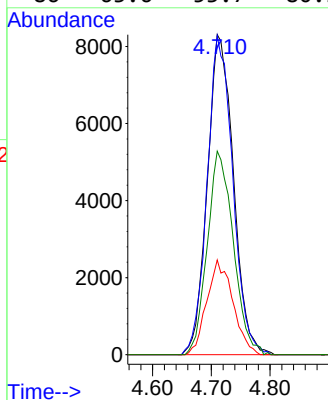
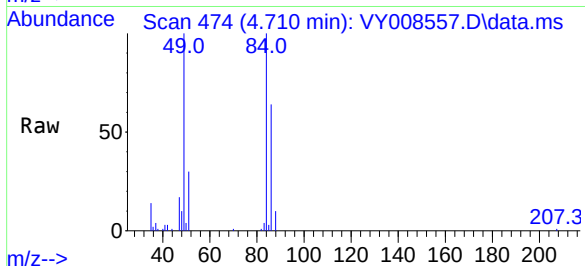




#20
Methylene Chloride
Concen: 7.782 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

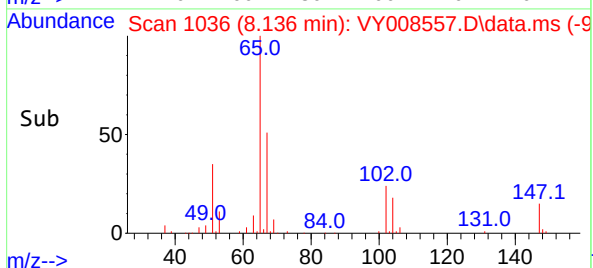
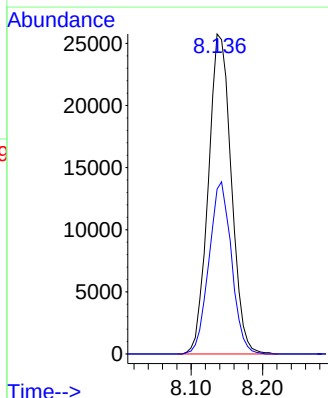
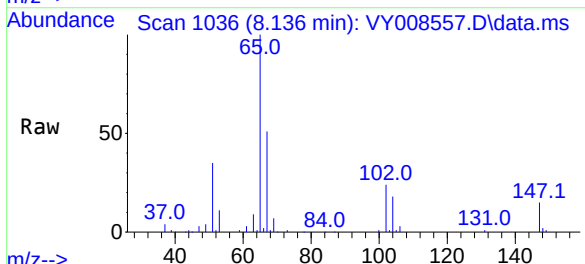
Instrument :
MSVOA_Y
ClientSampleId :
PSC-164718

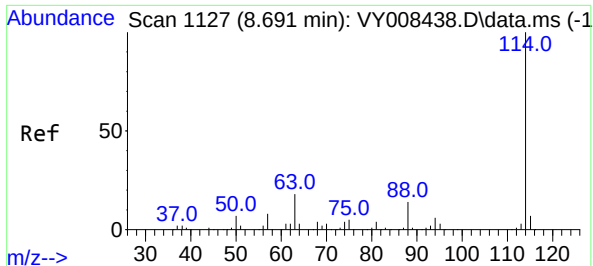
Tgt Ion:	84	Resp:	25604
Ion	Ratio	Lower	Upper
84	100		
49	99.7	114.4	171.6#
51	29.6	35.3	52.9#
86	63.6	53.7	80.5



#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

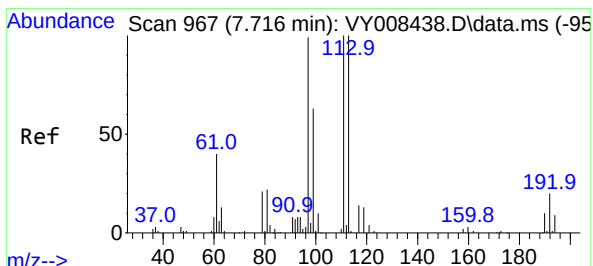
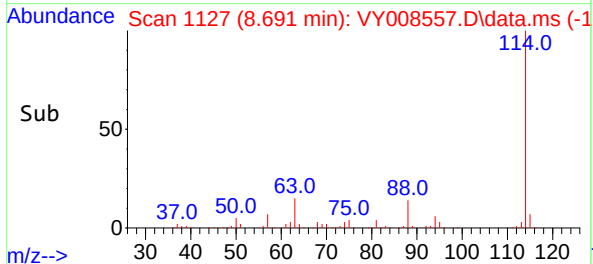
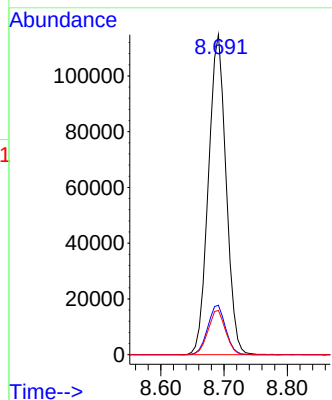
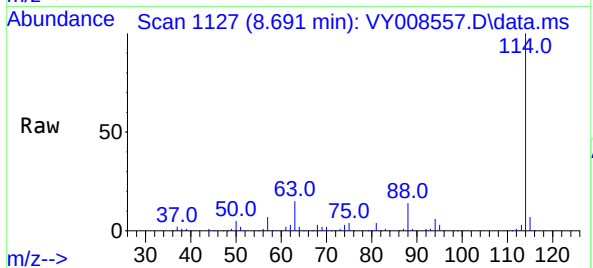
Tgt Ion:114 Resp: 222467

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

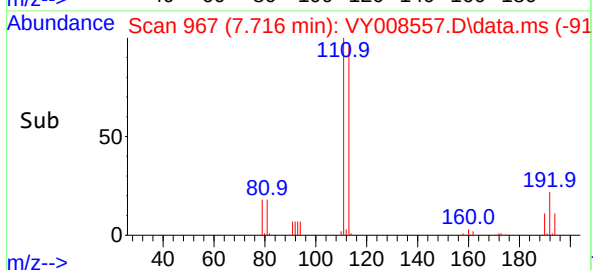
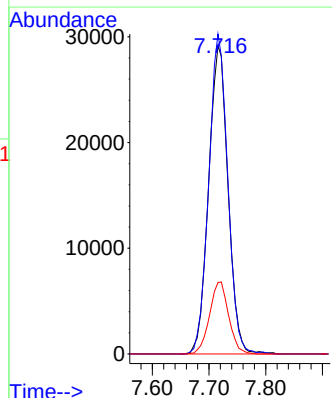
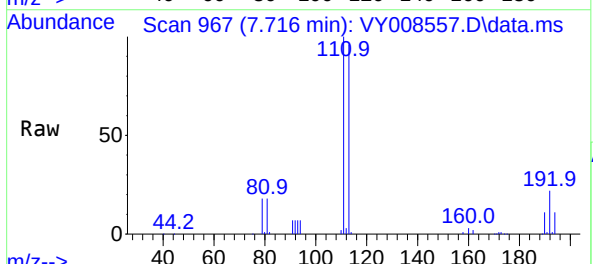
Tgt Ion:113 Resp: 69369

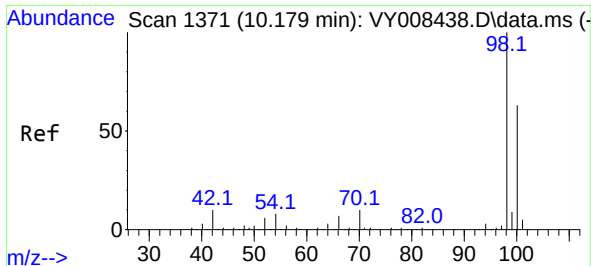
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 23.0 17.6 26.4

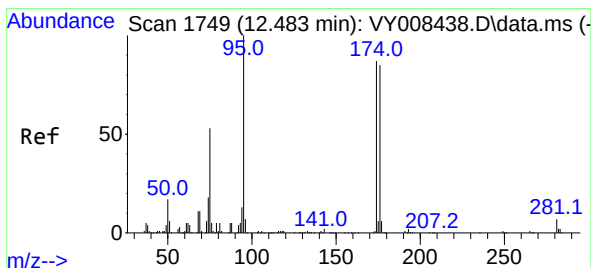
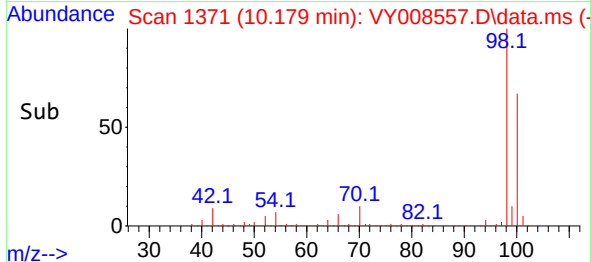
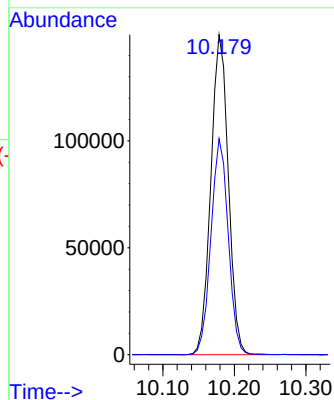
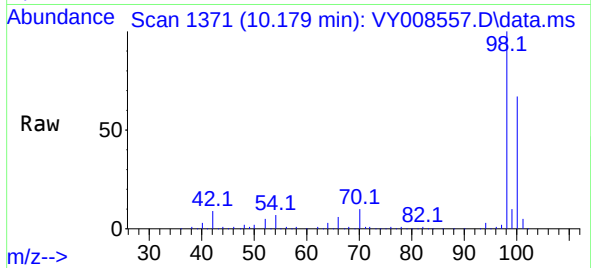




#50
Toluene-d8
Concen: 44.689 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

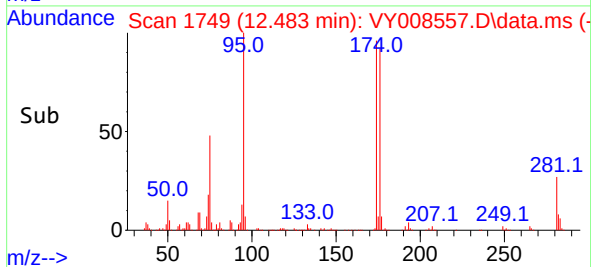
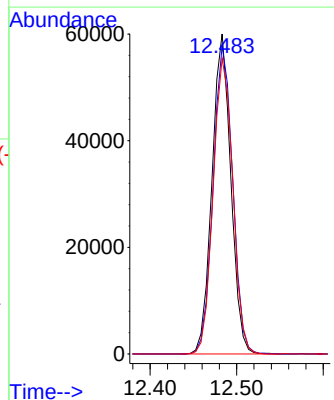
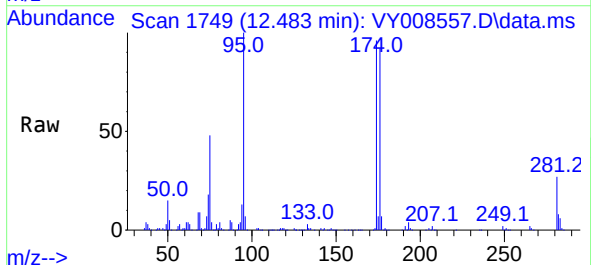
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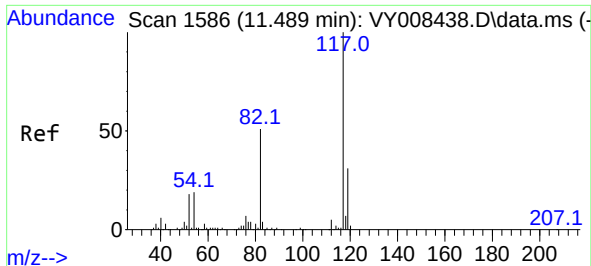
Tgt Ion: 98 Resp: 254324
Ion Ratio Lower Upper
98 100
100 66.7 50.2 75.2



#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

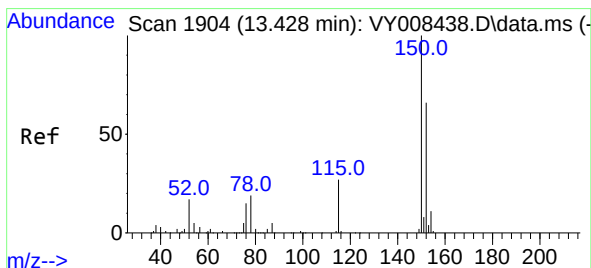
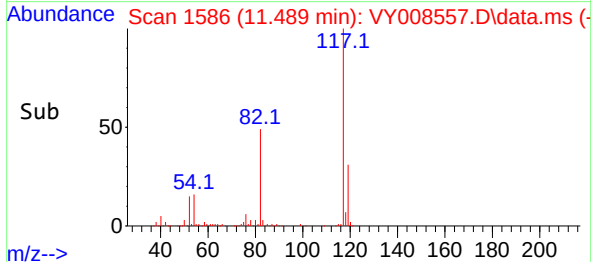
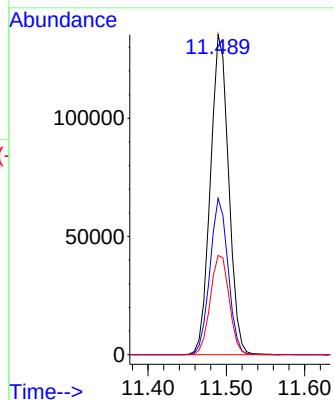
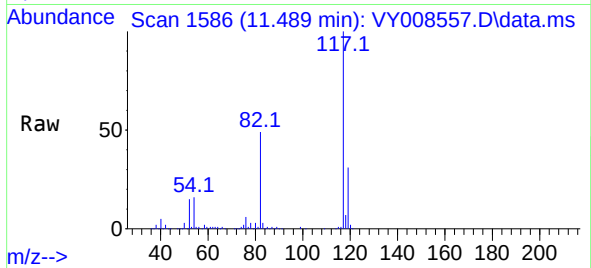




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008557.D
Acq: 29 Apr 2022 14:25

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

