

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008520.D
 Acq On : 27 Apr 2022 12:27
 Operator : KP/MD
 Sample : N2572-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-14S

Quant Time: Apr 28 01:31:14 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	29053	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	52332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20316	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16257	47.557	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.120%
35) Dibromofluoromethane	7.716	113	16716	49.493	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.179	98	62821	46.818	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.483	95	18985	41.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.500%

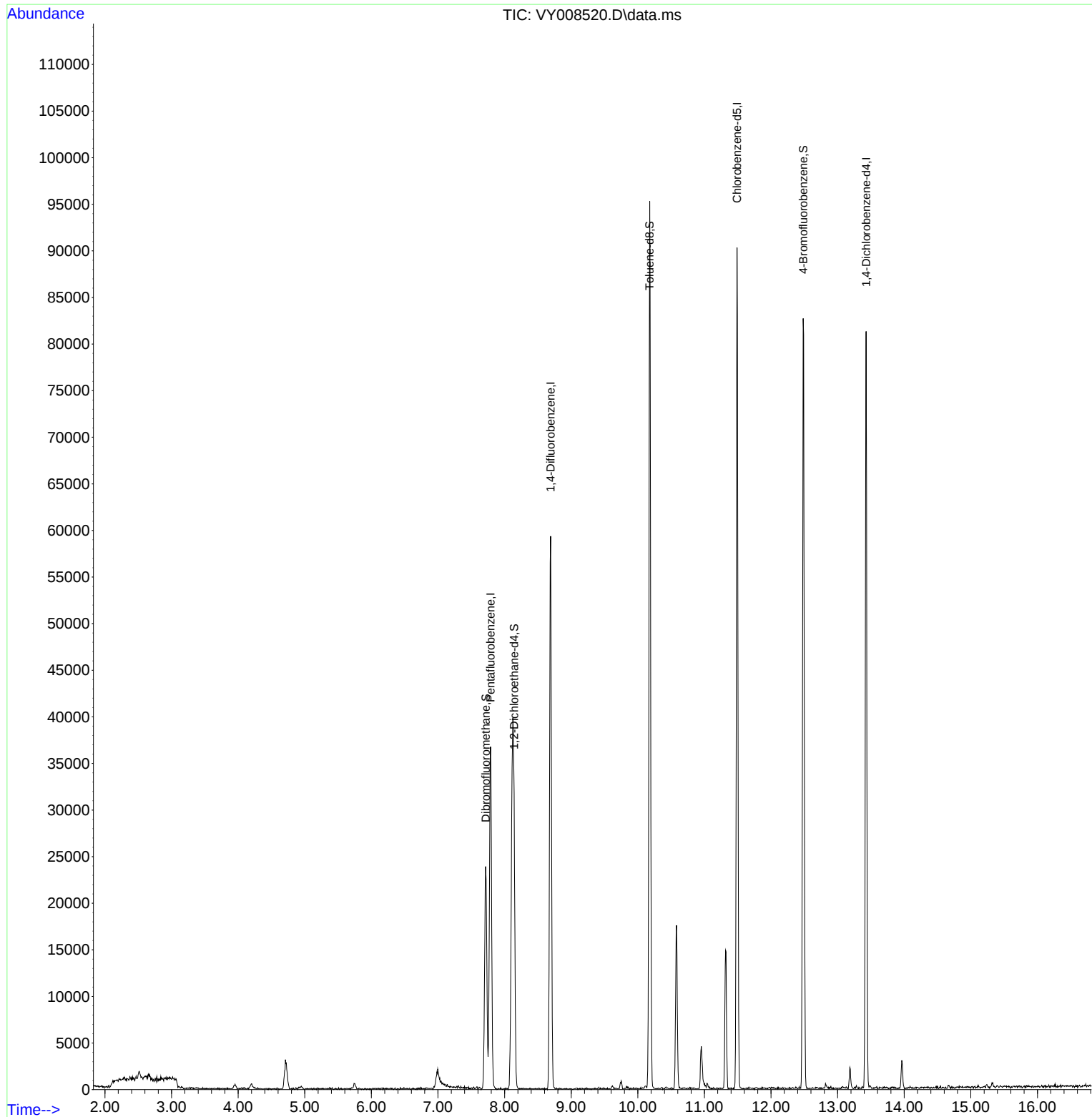
Target Compounds	Qvalue

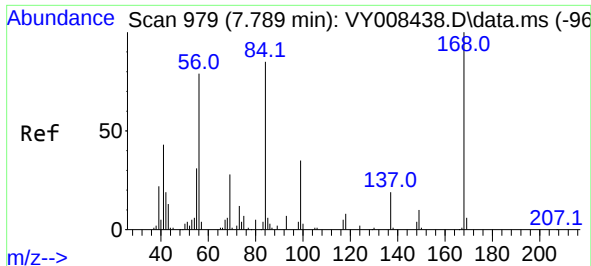
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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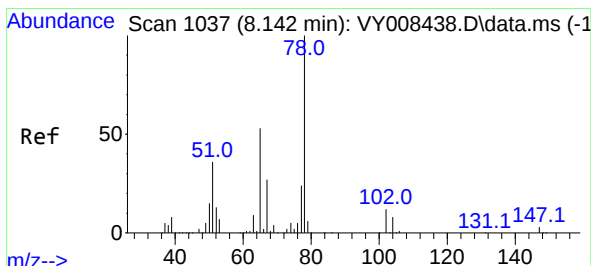
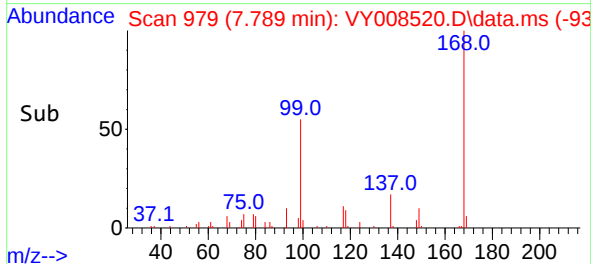
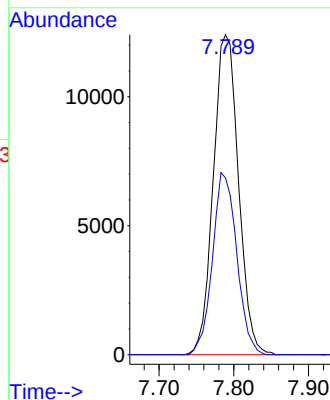
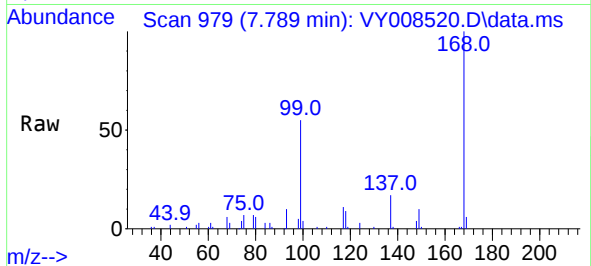




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

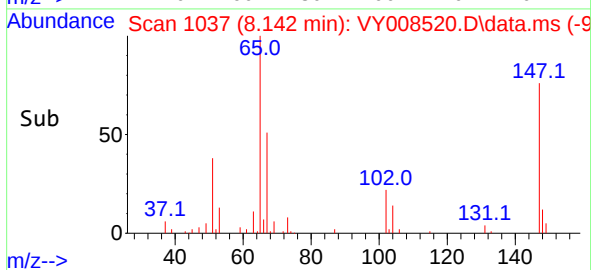
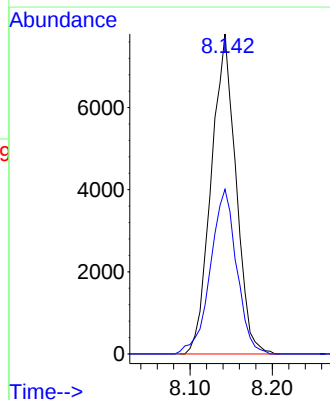
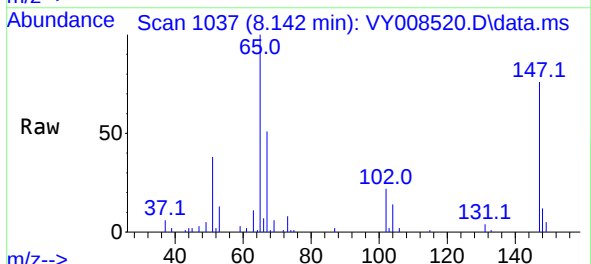
Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

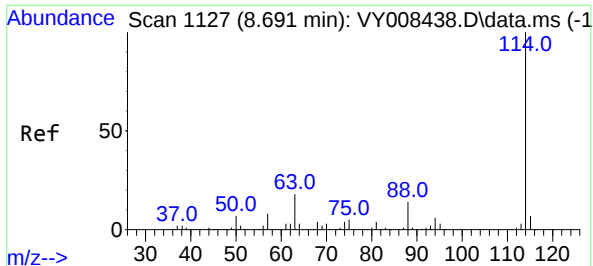
Tgt Ion:168 Resp: 29053
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.557 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion: 65 Resp: 16257
Ion Ratio Lower Upper
65 100
67 54.7 0.0 99.4

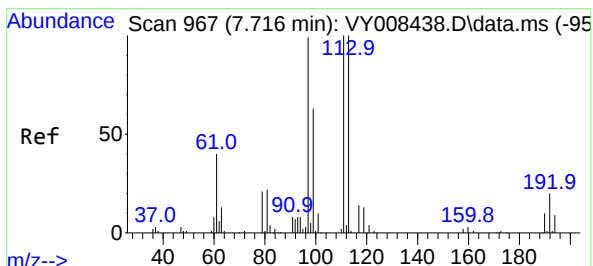
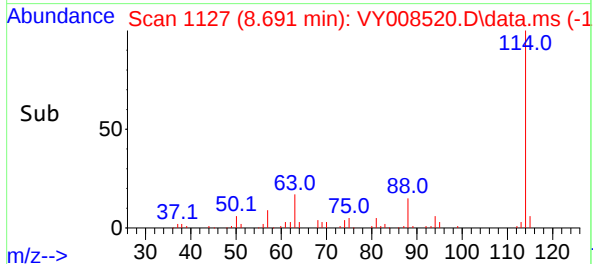
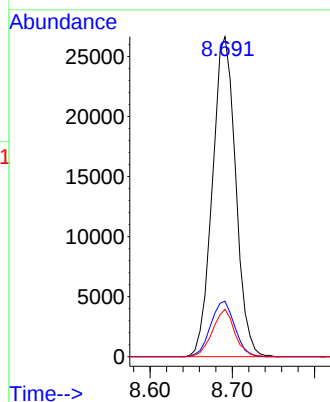
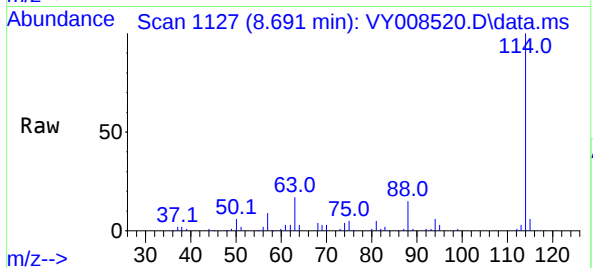




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

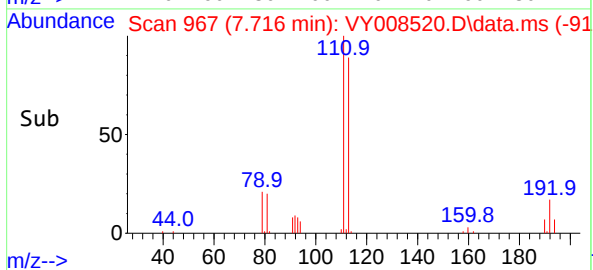
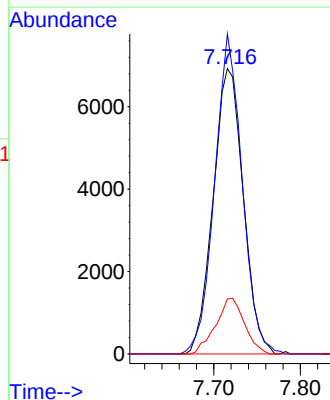
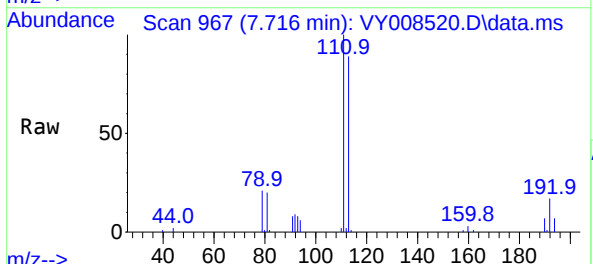
Instrument :
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ClientSampleId :
MH-14S

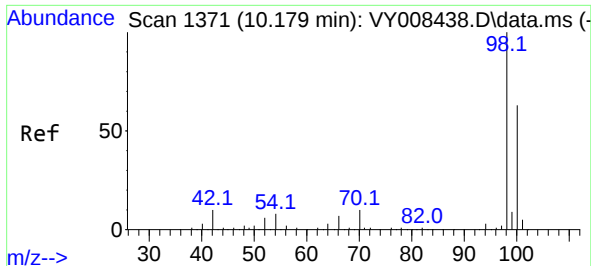
Tgt Ion:	114	Resp:	52332
Ion Ratio	Lower	Upper	
114	100		
63	17.4	0.0	43.2
88	14.8	0.0	31.8



#35
Dibromofluoromethane
Concen: 49.493 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion:	113	Resp:	16716
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.6	124.0
192	18.7	17.6	26.4

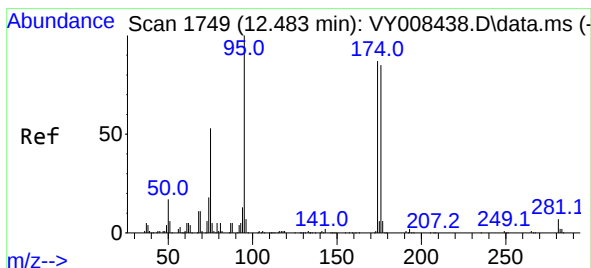
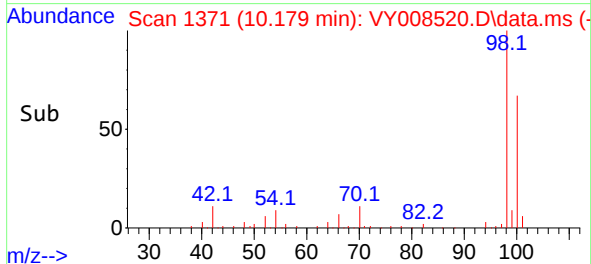
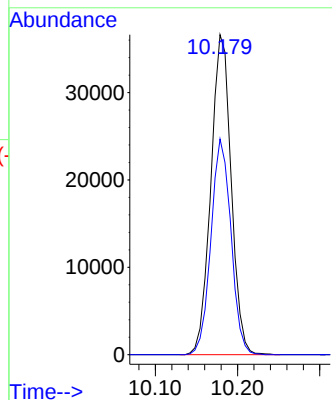
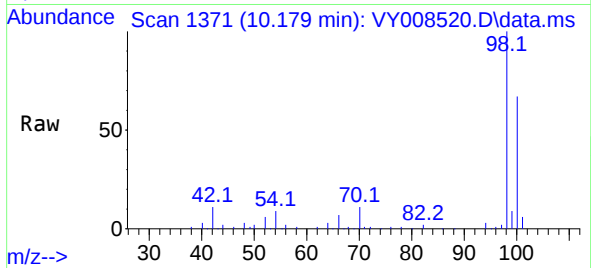




#50
Toluene-d8
Concen: 46.818 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

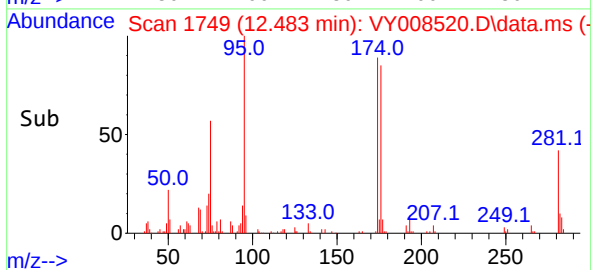
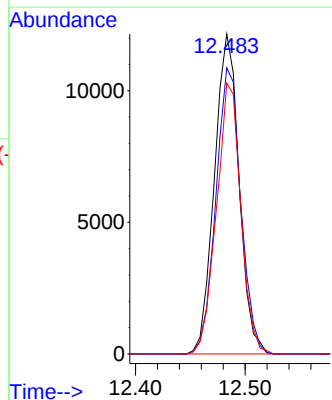
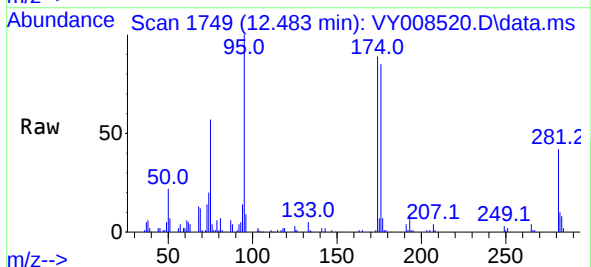
Instrument :
MSVOA_Y
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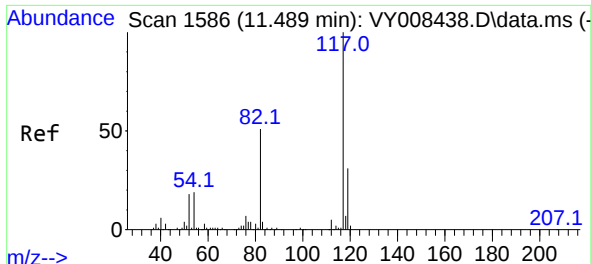
Tgt Ion: 98 Resp: 62821
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion: 95 Resp: 18985
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 83.7 0.0 175.8

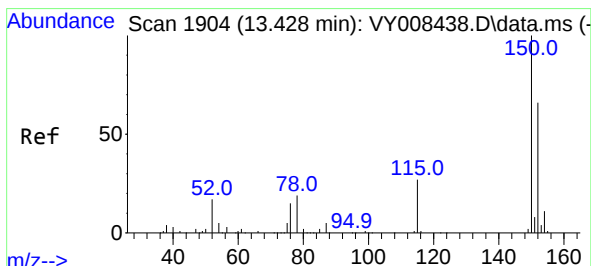
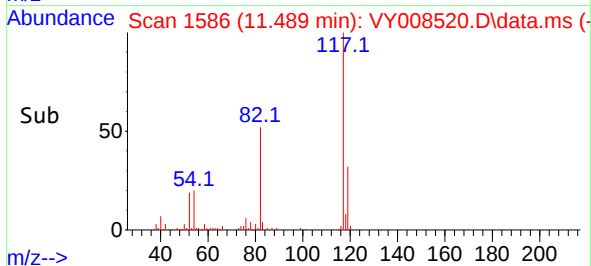
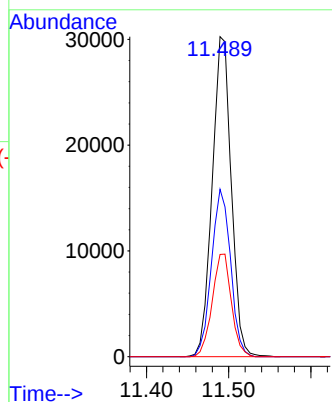
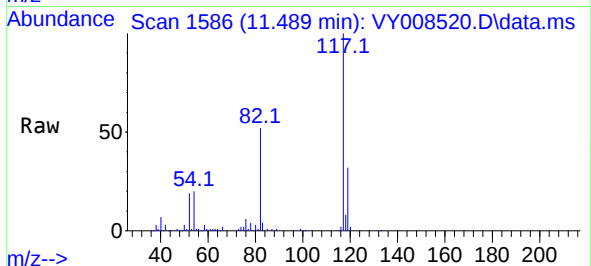




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008520.D
Acq: 27 Apr 2022 12:27

Instrument :
MSVOA_Y
ClientSampleId :
MH-14S

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	32.0	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: VY008520.D
Acq: 27 Apr 2022 12:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.2	84.7
150	158.2	0.0	347.6

