

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009016.D
 Acq On : 23 May 2022 19:02
 Operator : KP/MD
 Sample : N2912-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3/4-BLEND-RCA

Quant Time: May 24 01:50:23 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	7.783	168	110190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	98290	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71742	63.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.520%
35) Dibromofluoromethane	7.710	113	63955	51.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.500%
50) Toluene-d8	10.179	98	256596	56.276	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.477	95	84844	46.129	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%

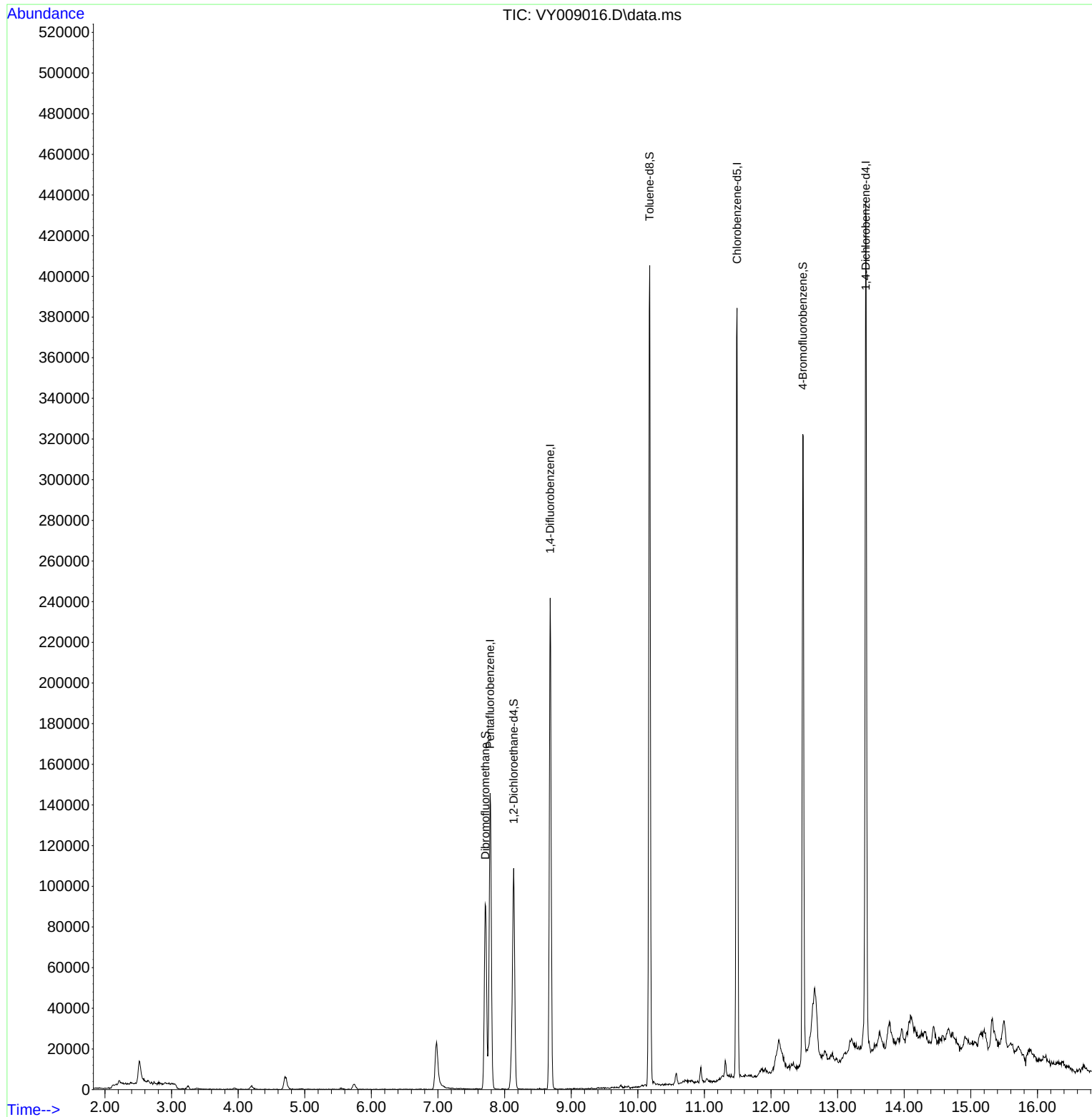
Target Compounds	Qvalue

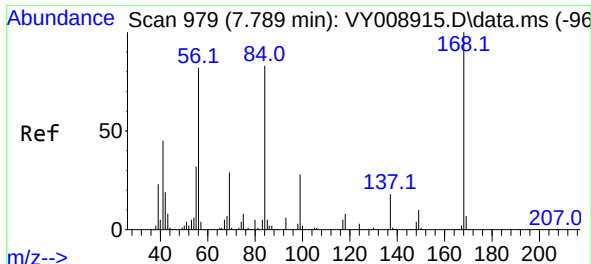
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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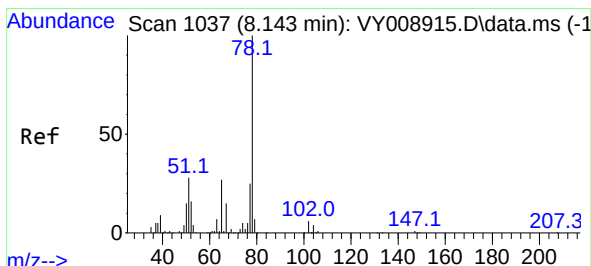
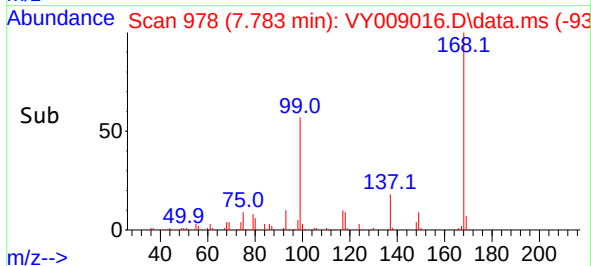
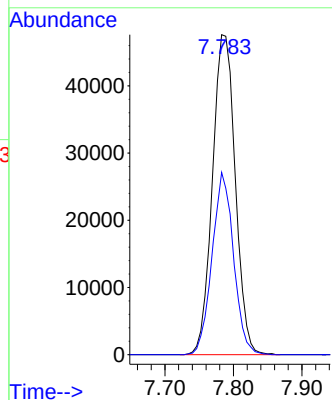
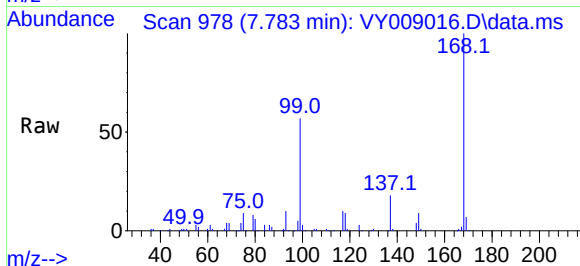




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

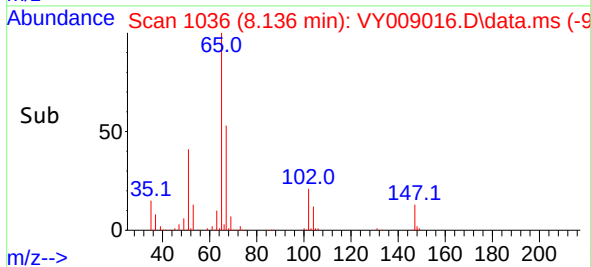
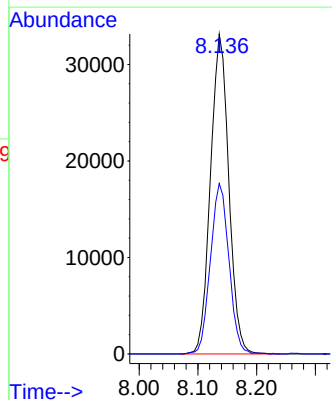
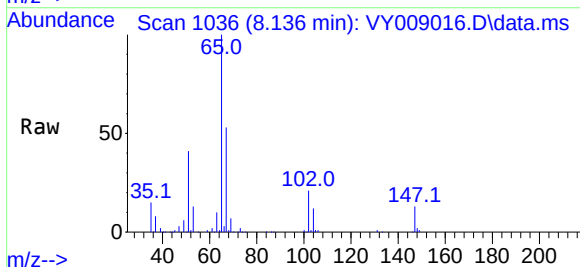
Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

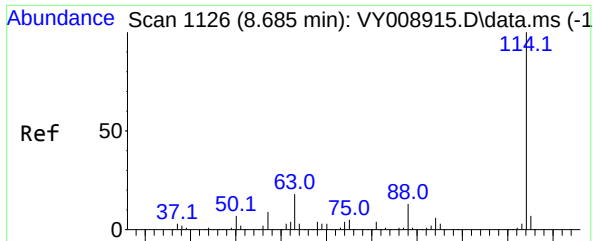
Tgt Ion:168 Resp: 110190
Ion Ratio Lower Upper
168 100
99 56.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.261 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 65 Resp: 71742
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4

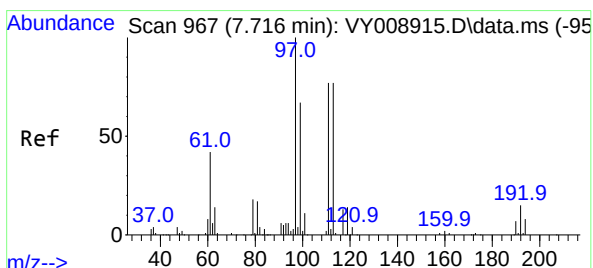
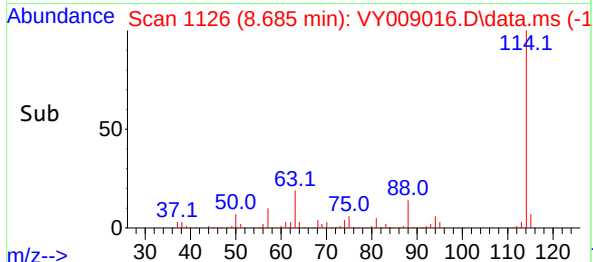
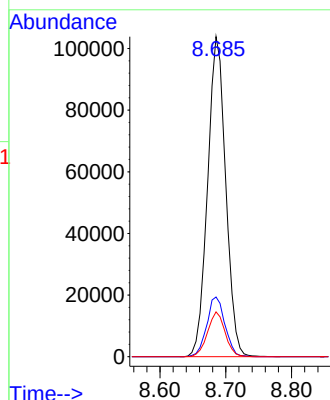
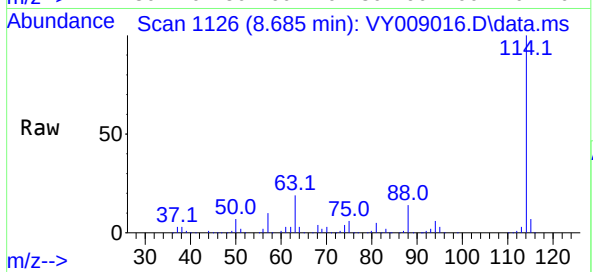




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

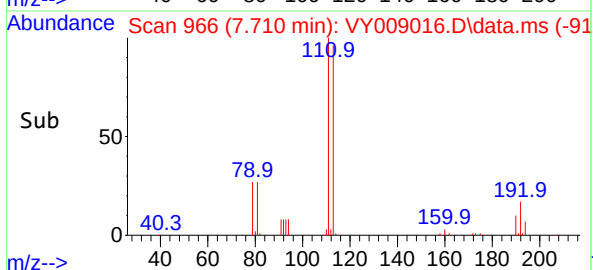
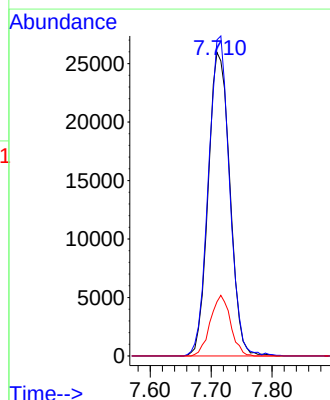
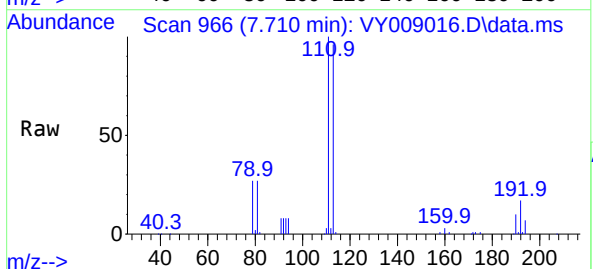
Instrument :
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ClientSampleId :
3/4-BLEND-RCA

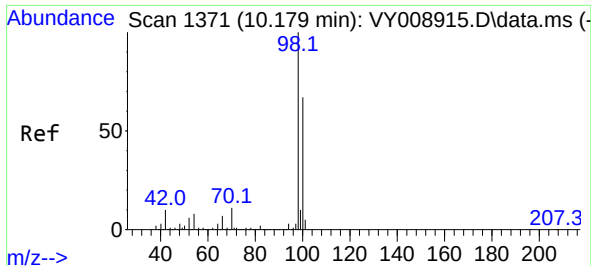
Tgt Ion:114 Resp: 198756
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.746 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion:113 Resp: 63955
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 18.7 17.6 26.4

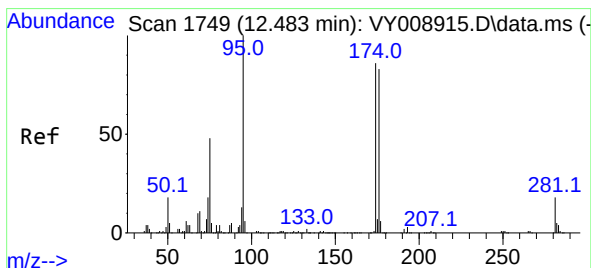
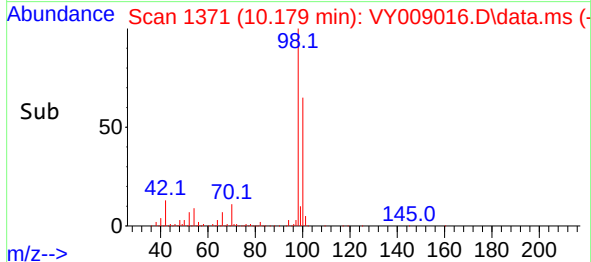
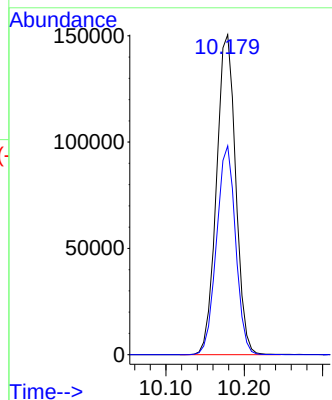
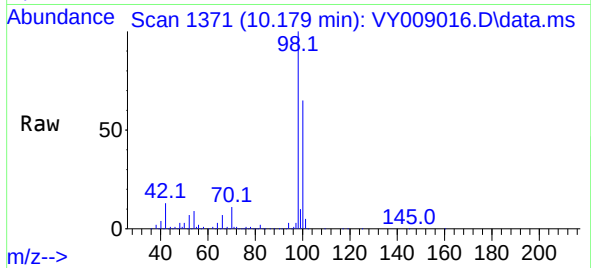




#50
Toluene-d8
Concen: 56.276 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

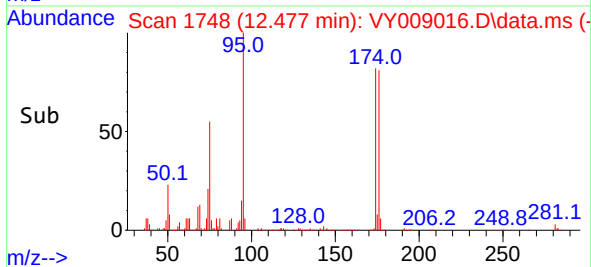
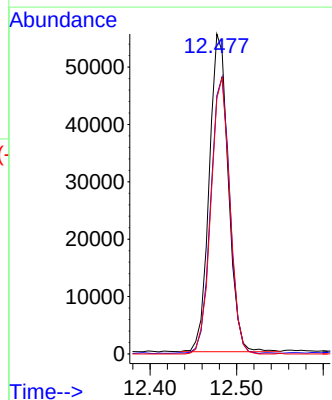
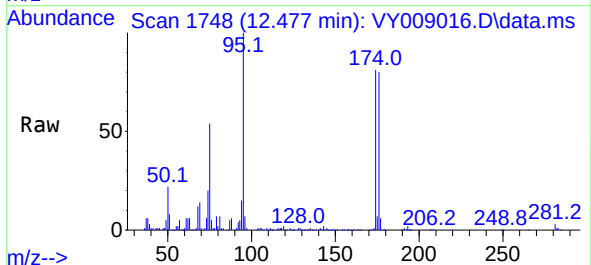
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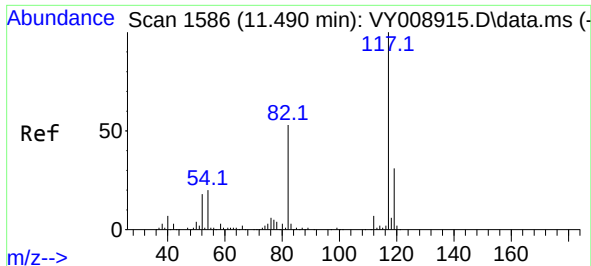
Tgt Ion: 98 Resp: 256596
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.129 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion: 95 Resp: 84844
Ion Ratio Lower Upper
95 100
174 87.2 0.0 177.0
176 86.1 0.0 175.8

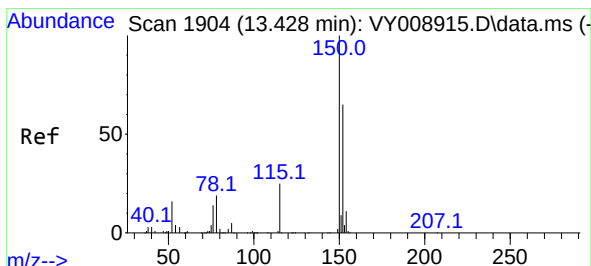
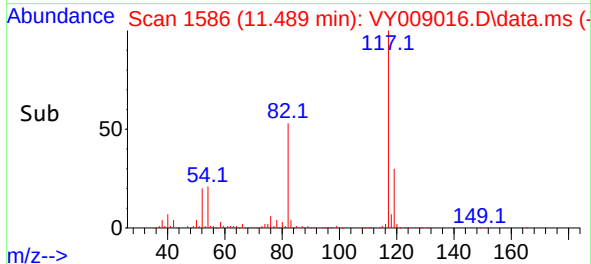
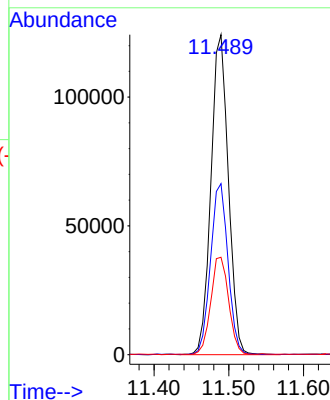
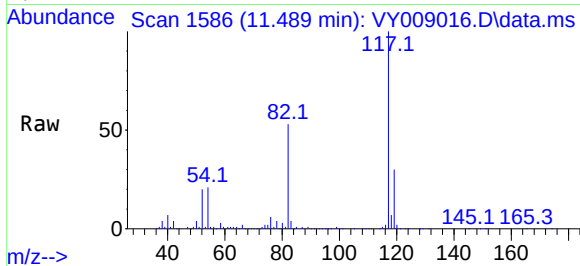




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009016.D
Acq: 23 May 2022 19:02

Instrument :
MSVOA_Y
ClientSampleId :
3/4-BLEND-RCA

Tgt Ion:117 Resp: 201360
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 30.3 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: VY009016.D
Acq: 23 May 2022 19:02

Tgt Ion:152 Resp: 98290
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 154.2 0.0 347.6

