

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008487.D
 Acq On : 25 Apr 2022 17:14
 Operator : KP/MD
 Sample : N2541-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-02-042222

Quant Time: Apr 26 01:57:43 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	92257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77717	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	55719	51.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.660%
35) Dibromofluoromethane	7.716	113	53950	49.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.179	98	206173	47.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.520%
62) 4-Bromofluorobenzene	12.483	95	72629	49.143	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.280%

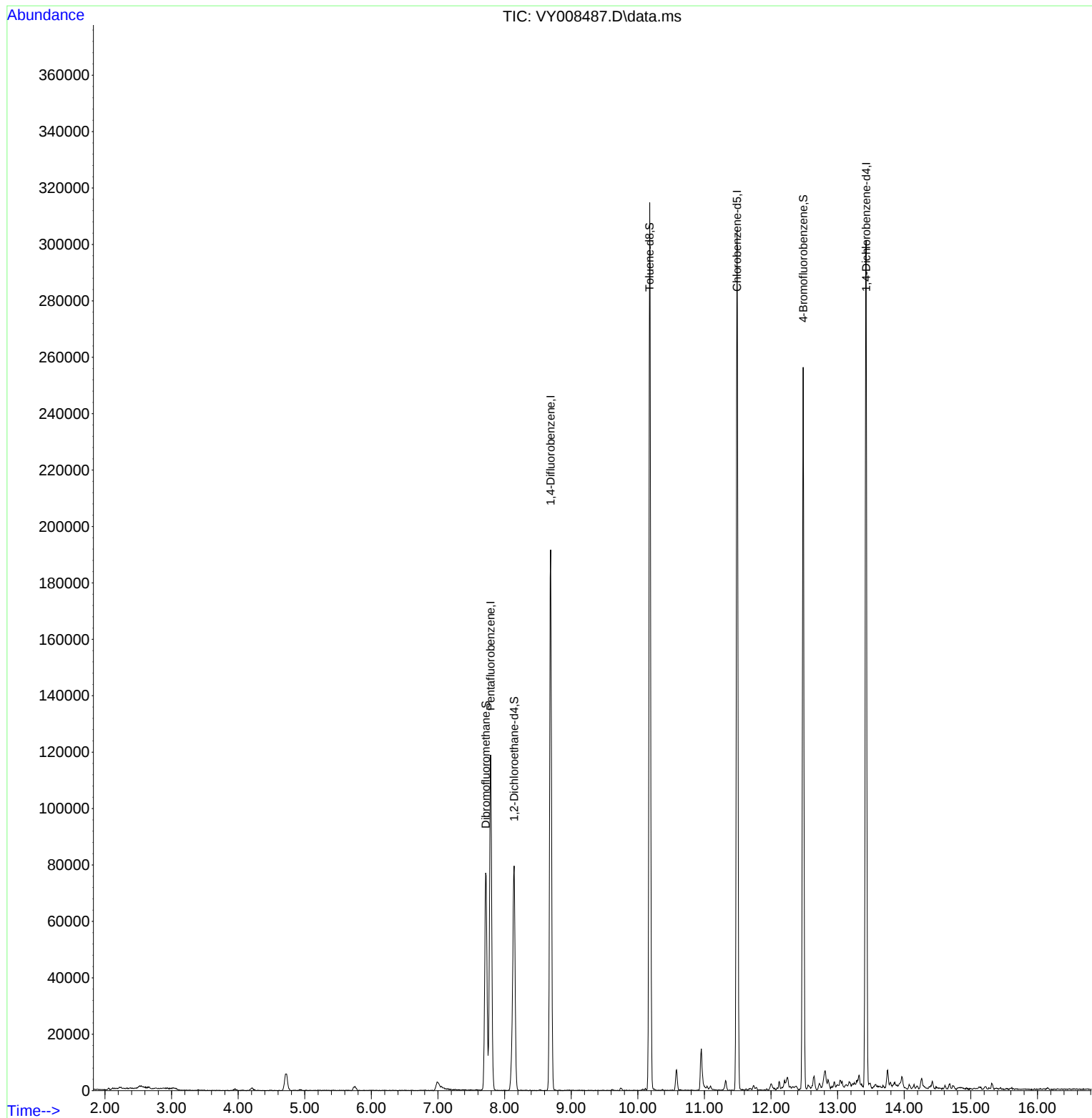
Target Compounds	Qvalue

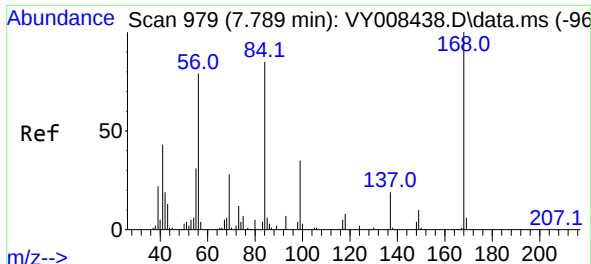
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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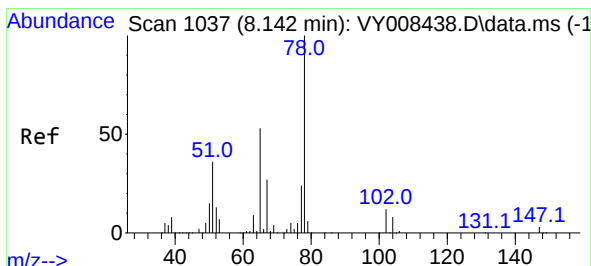
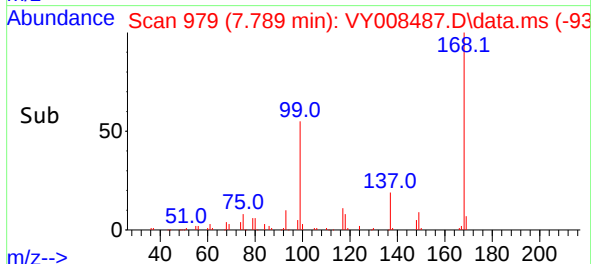
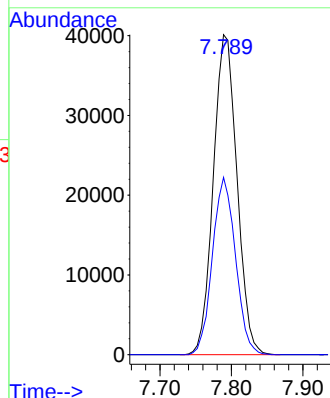
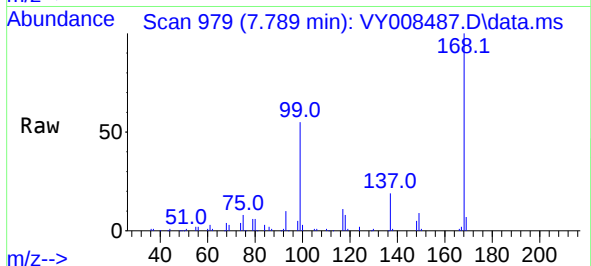




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

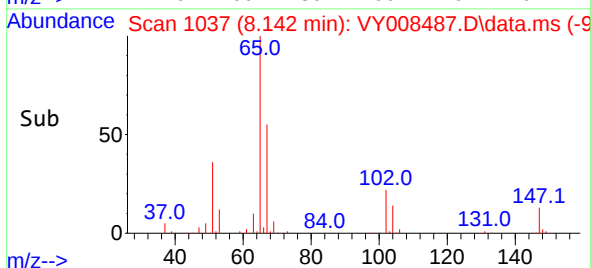
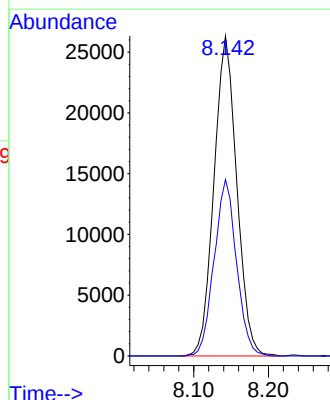
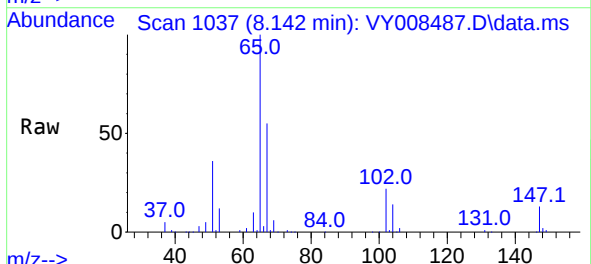
Instrument :
MSVOA_Y
ClientSampleId :
CL-02-042222

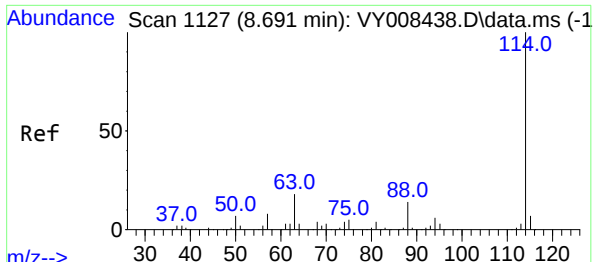
Tgt Ion:168 Resp: 92257
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.329 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 65 Resp: 55719
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

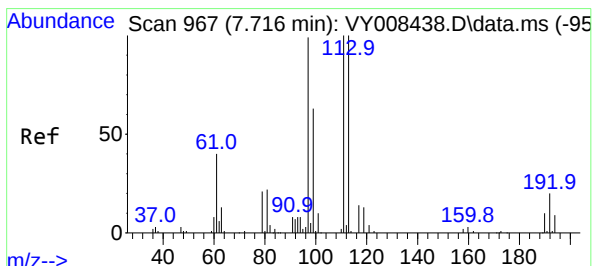
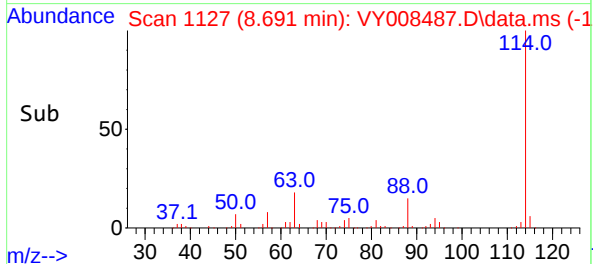
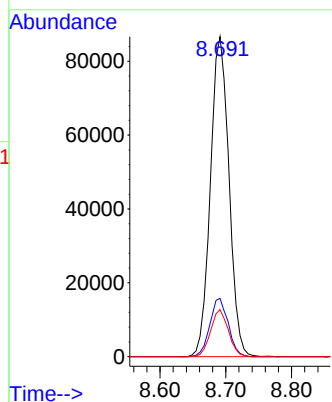
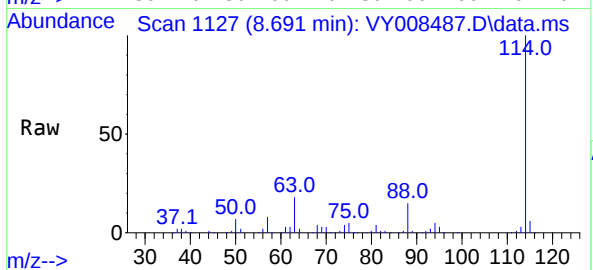




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

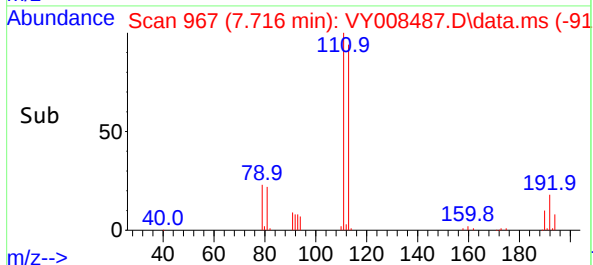
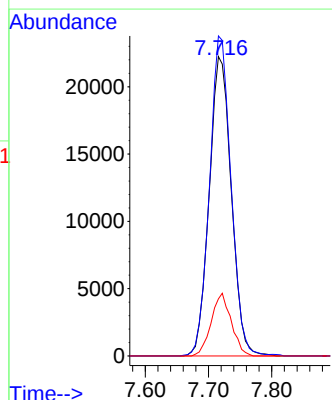
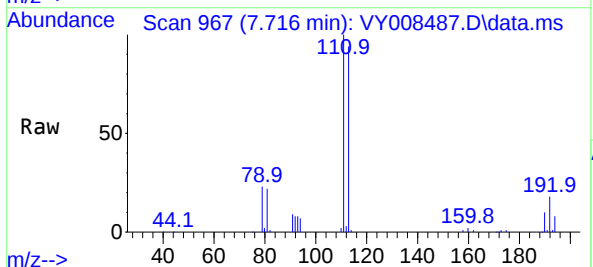
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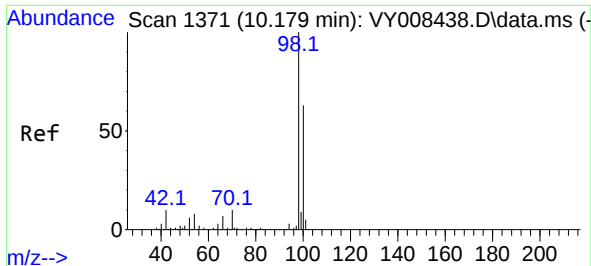
Tgt Ion:114 Resp: 170062
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.155 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion:113 Resp: 53950
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 19.0 17.6 26.4

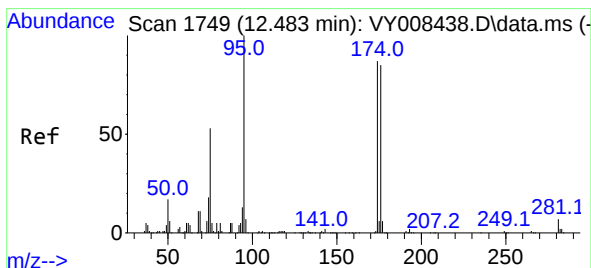
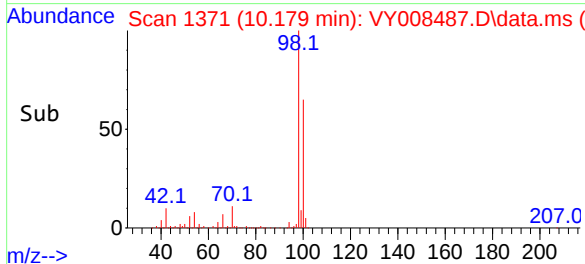
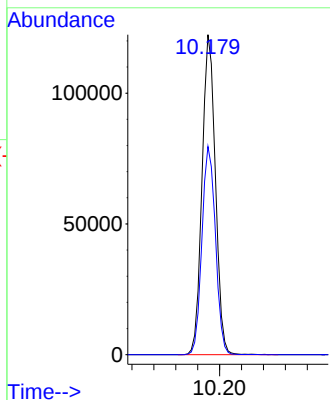
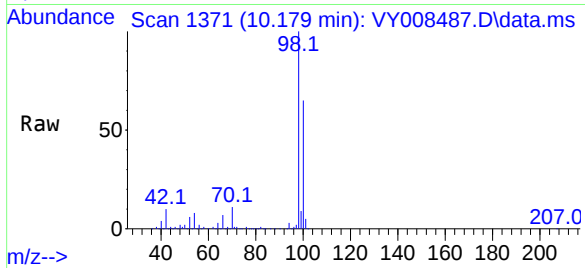




#50
Toluene-d8
Concen: 47.261 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

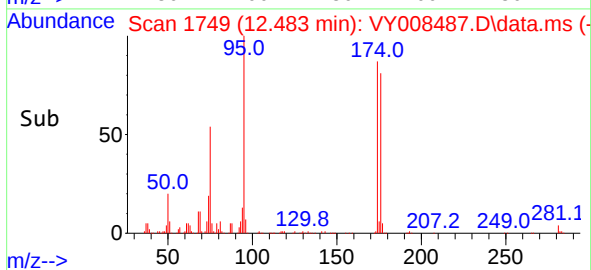
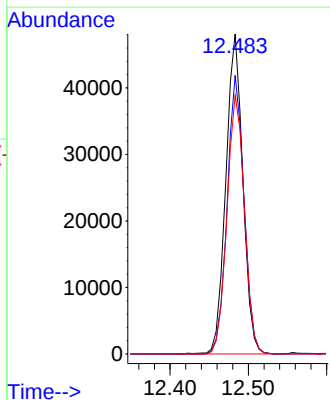
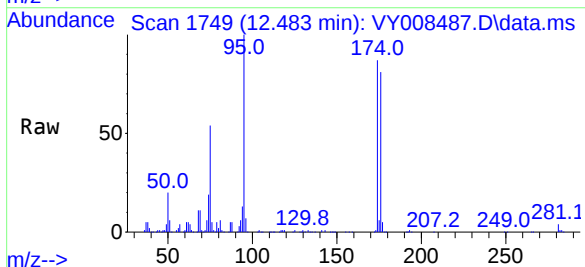
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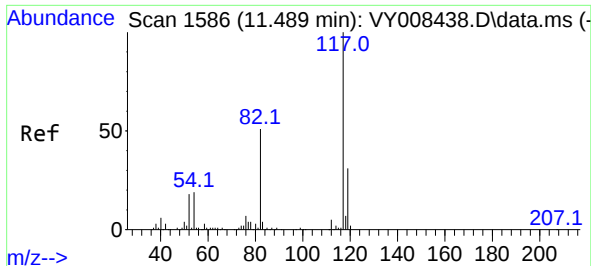
Tgt Ion: 98 Resp: 206173
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.143 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion: 95 Resp: 72629
Ion Ratio Lower Upper
95 100
174 86.4 0.0 177.0
176 82.7 0.0 175.8

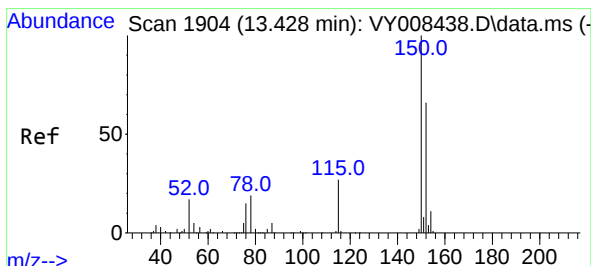
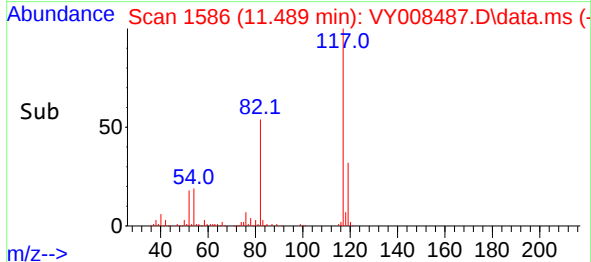
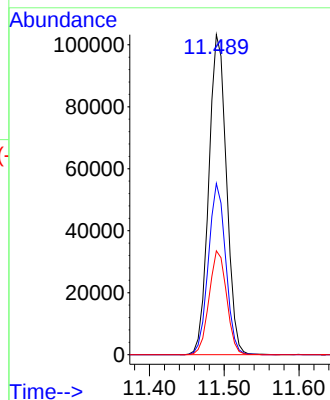
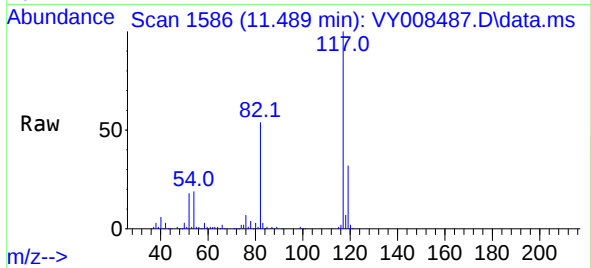




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008487.D
Acq: 25 Apr 2022 17:14

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 169453
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.4 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: VY008487.D
Acq: 25 Apr 2022 17:14

Tgt Ion:152 Resp: 77717
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 159.8 0.0 347.6

