

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033022\
 Data File : VY008120.D
 Acq On : 30 Mar 2022 19:12
 Operator : SY/MD
 Sample : N2149-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PILE-LINDEN-PROPANE

Quant Time: Mar 31 05:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	129673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99859	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	73858	56.770	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.540%
35) Dibromofluoromethane	7.722	113	74186	50.449	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.900%
50) Toluene-d8	10.179	98	284574	51.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.483	95	97930	50.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.200%

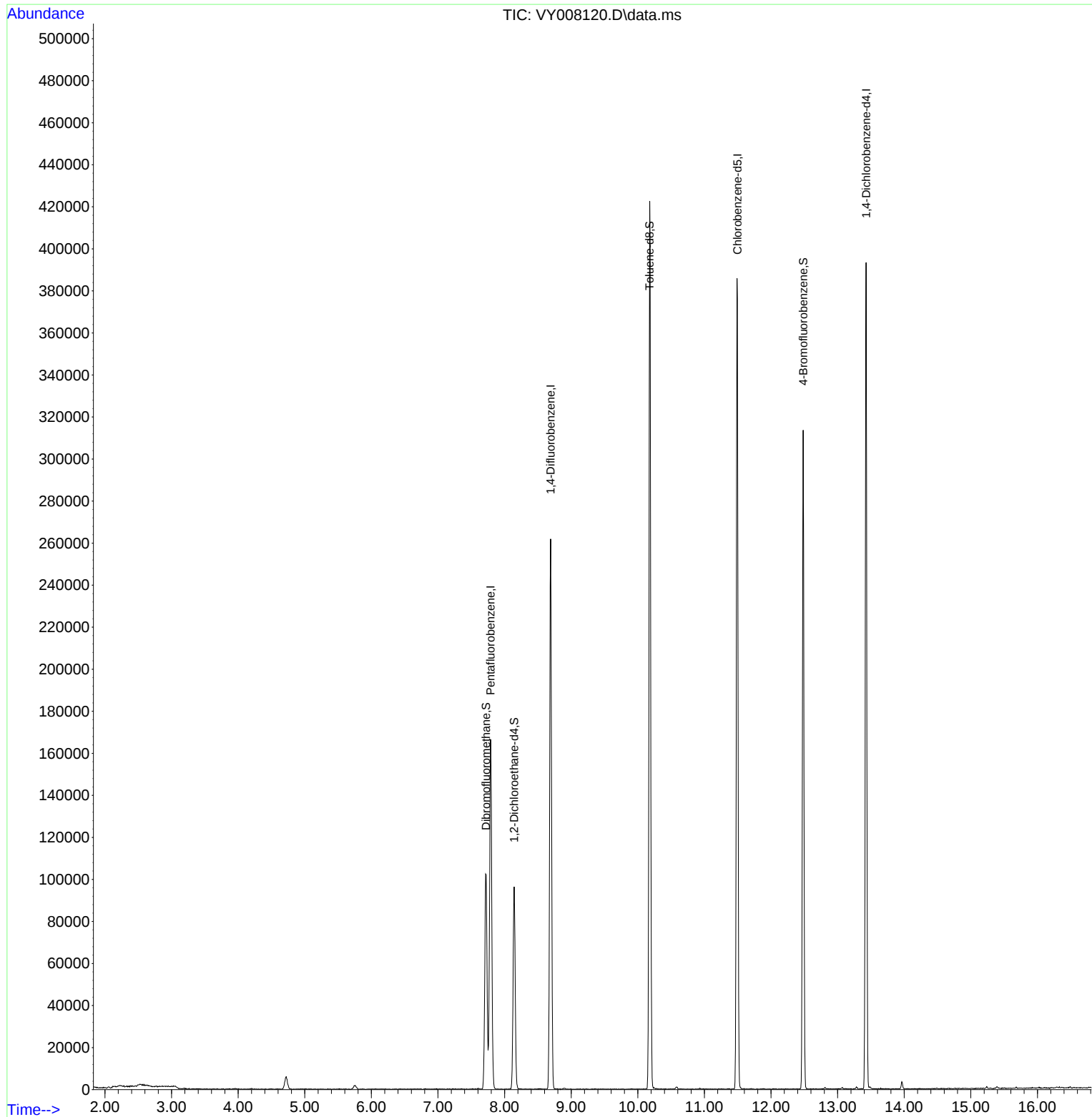
Target Compounds	Qvalue

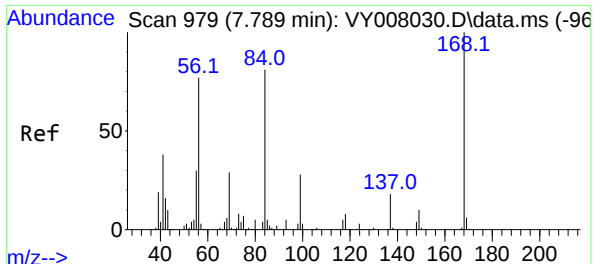
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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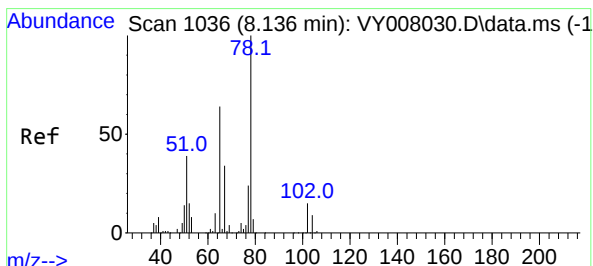
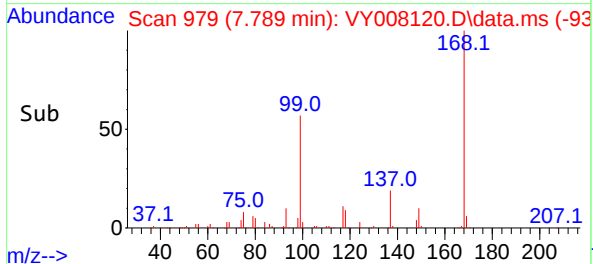
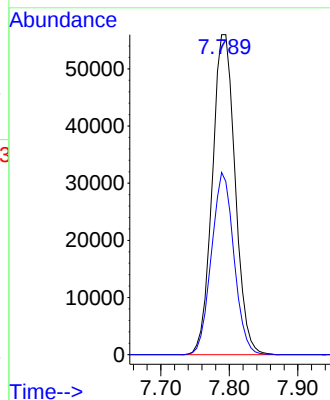
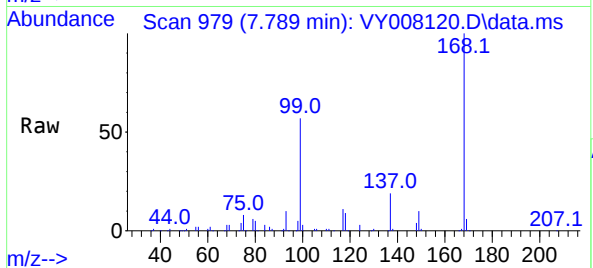




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

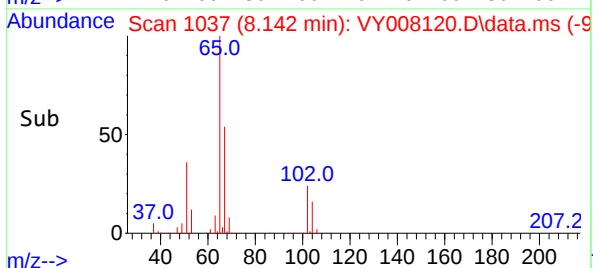
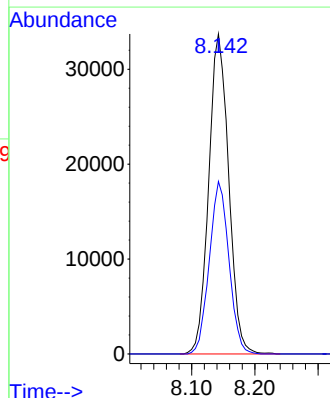
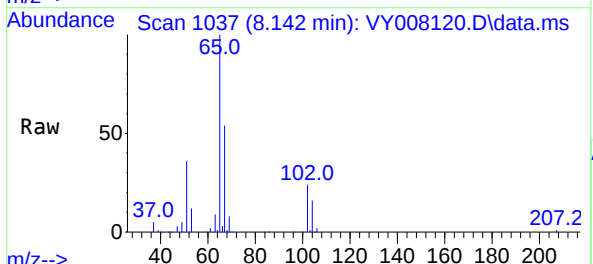
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

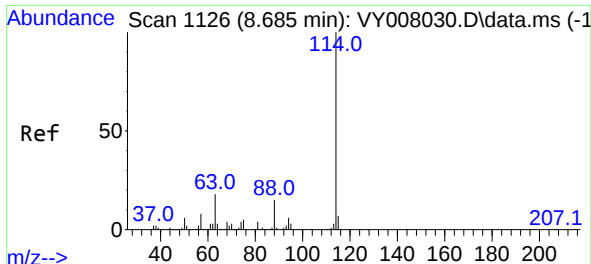
Tgt Ion:168 Resp: 129673
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.770 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 65 Resp: 73858
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

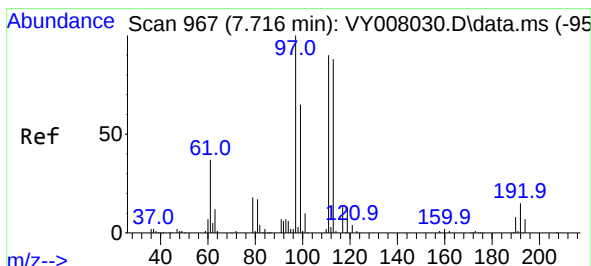
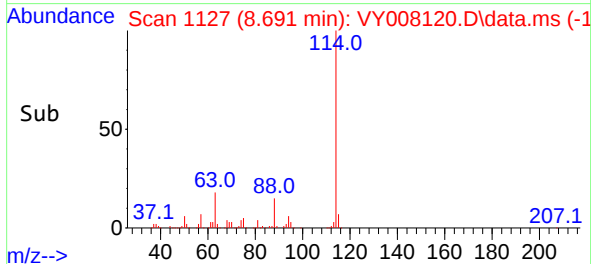
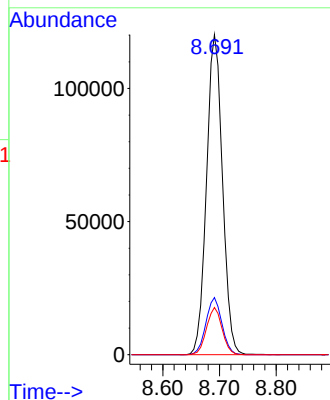
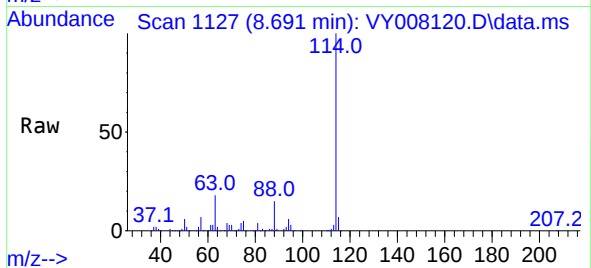




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

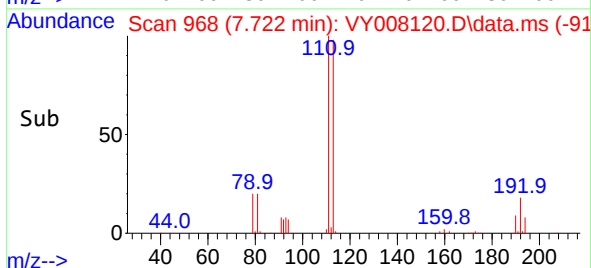
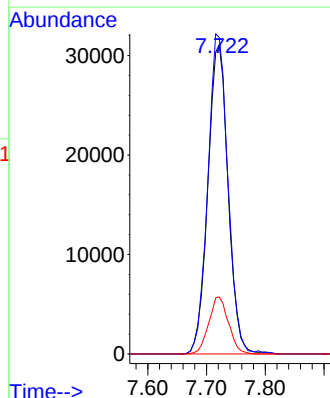
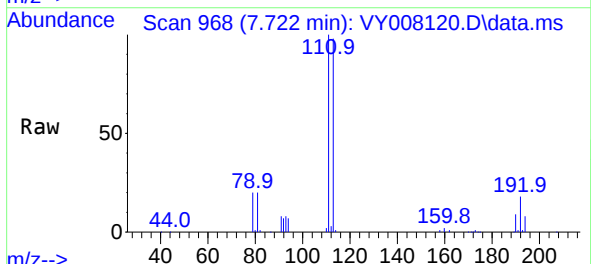
Instrument :
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ClientSampleId :
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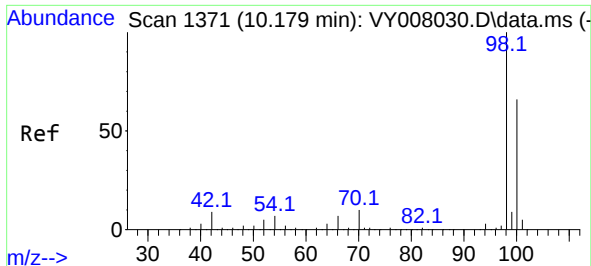
Tgt Ion:114 Resp: 234541
Ion Ratio Lower Upper
114 100
63 17.9 0.0 43.2
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.449 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion:113 Resp: 74186
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.0 17.6 26.4

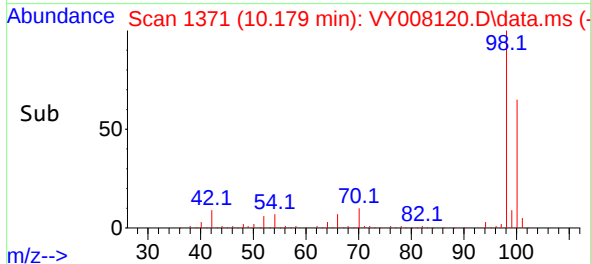
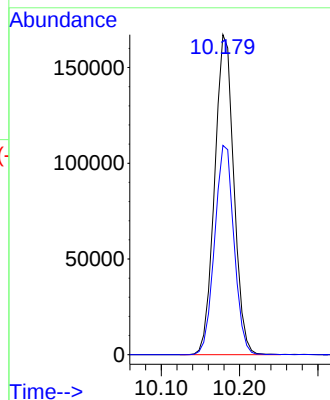
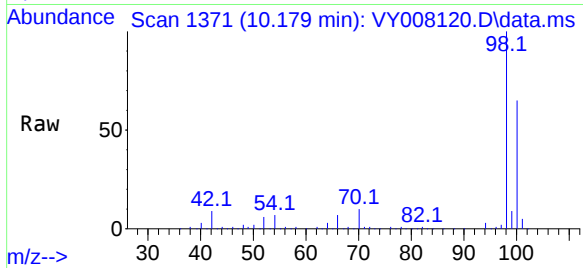




#50
Toluene-d8
Concen: 51.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

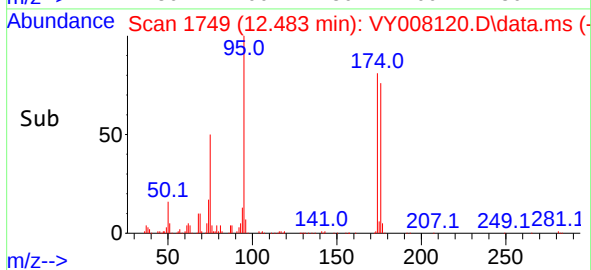
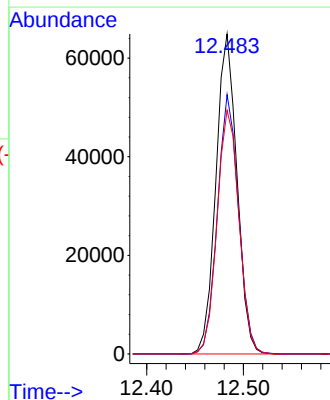
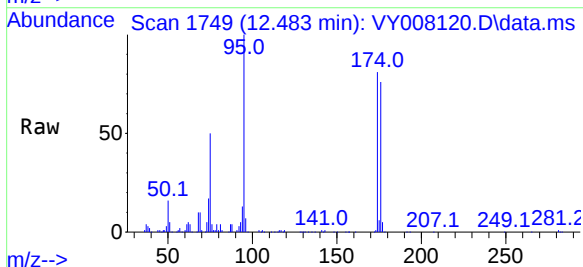
Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

Tgt Ion: 98 Resp: 284574
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.103 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion: 95 Resp: 97930
Ion Ratio Lower Upper
95 100
174 81.3 0.0 177.0
176 78.8 0.0 175.8

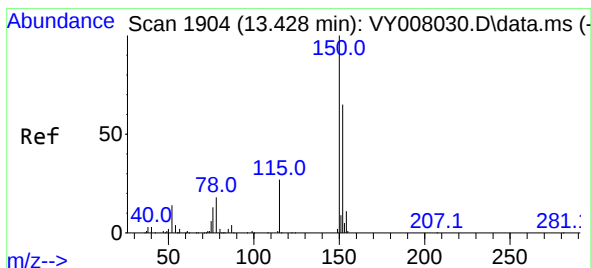
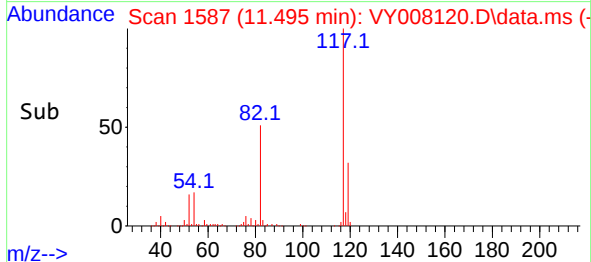
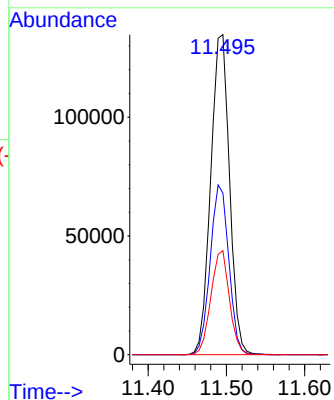
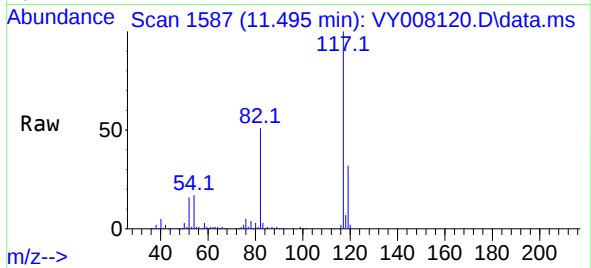




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY008120.D
Acq: 30 Mar 2022 19:12

Instrument :
MSVOA_Y
ClientSampleId :
PILE-LINDEN-PROPANE

Tgt Ion:117 Resp: 224551
Ion Ratio Lower Upper
117 100
82 50.5 43.0 64.4
119 32.5 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: VY008120.D
Acq: 30 Mar 2022 19:12

Tgt Ion:152 Resp: 99859
Ion Ratio Lower Upper
152 100
115 59.0 28.2 84.7
150 158.3 0.0 347.6

