

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010052.D
 Acq On : 16 Aug 2022 18:44
 Operator : KP/MD
 Sample : N4208-02
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 W-2

Quant Time: Aug 17 05:14:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	69840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	43669	62.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.080%
35) Dibromofluoromethane	7.710	113	39280	52.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.680%
50) Toluene-d8	10.173	98	131017	47.186	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	44758	45.894	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.780%

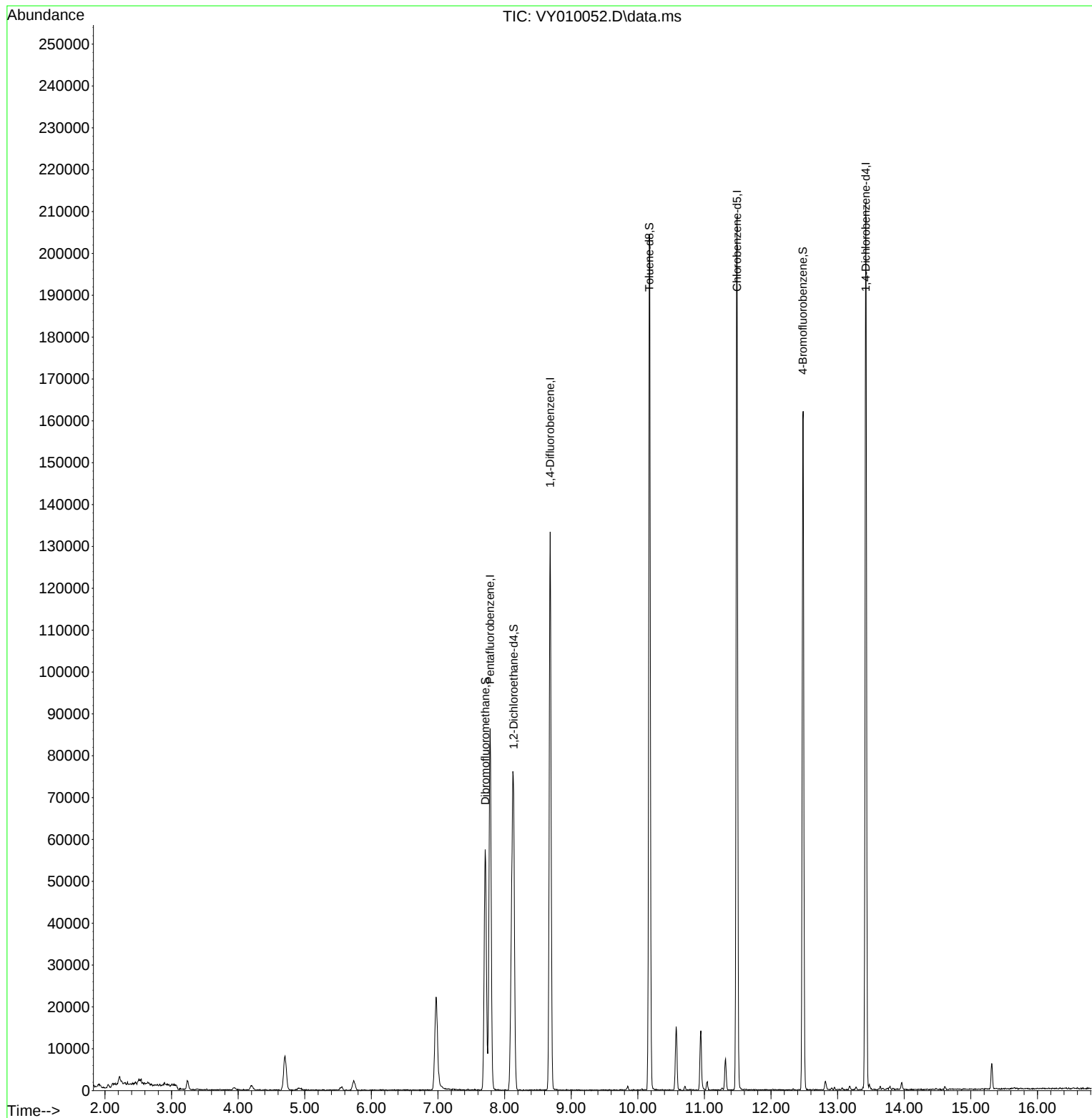
Target Compounds	Qvalue

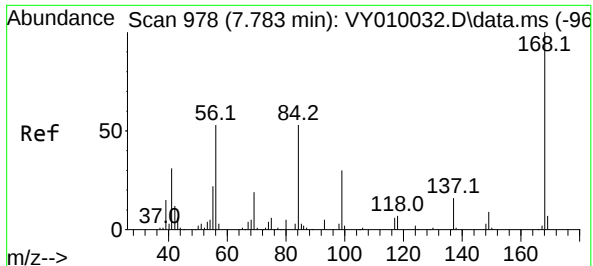
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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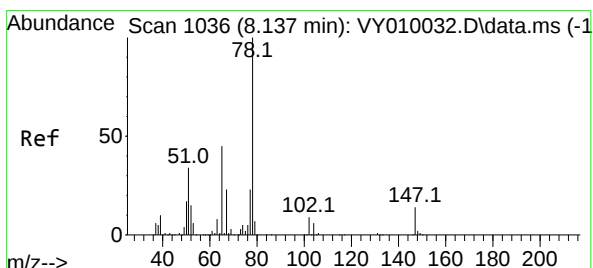
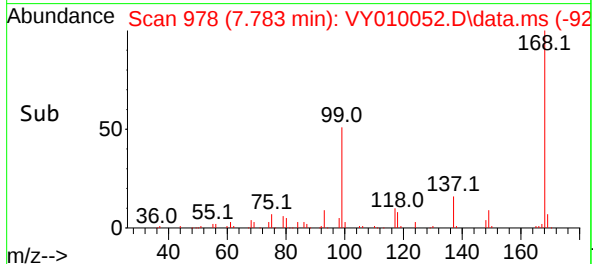
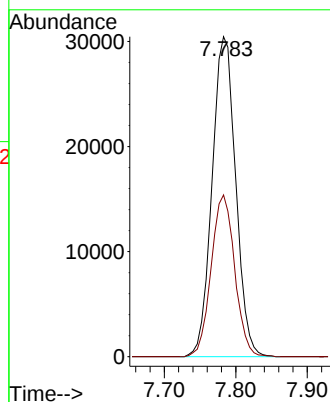
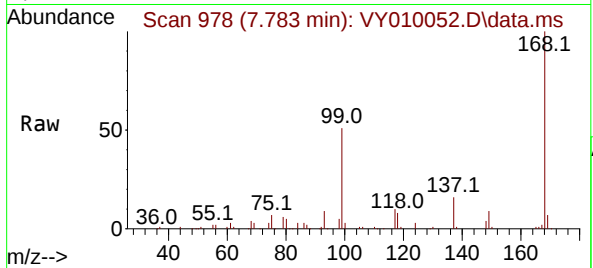




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

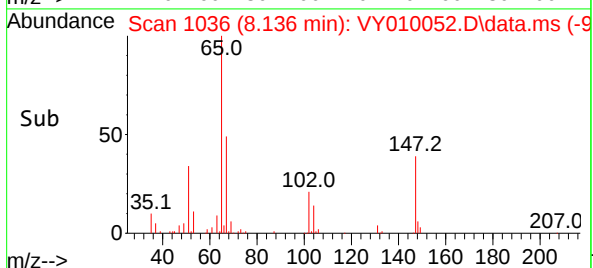
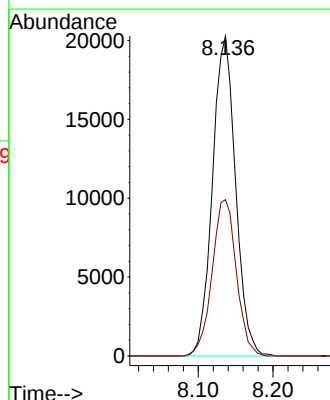
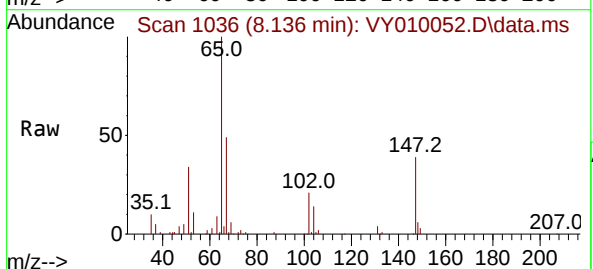
Instrument :
MSVOA_Y
ClientSampleId :
W-2

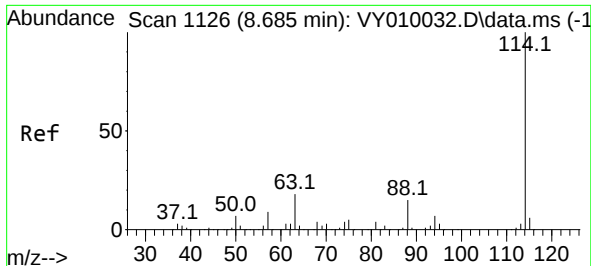
Tgt Ion:168 Resp: 69840
Ion Ratio Lower Upper
168 100
99 50.5 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 62.536 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

Tgt Ion: 65 Resp: 43669
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.4

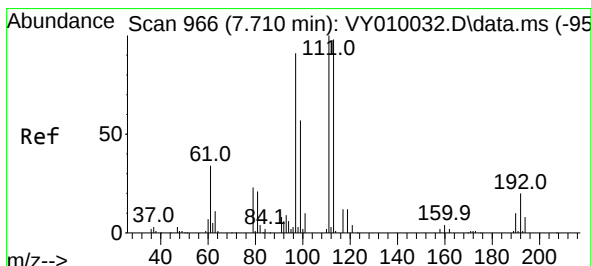
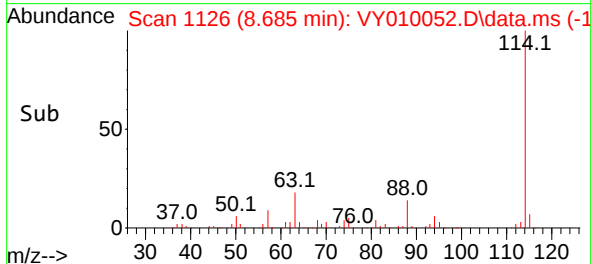
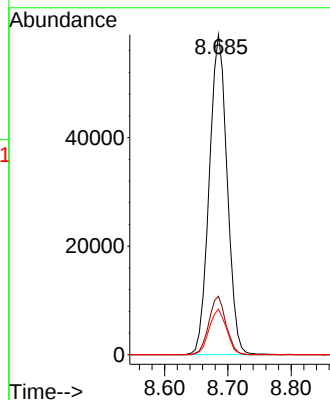
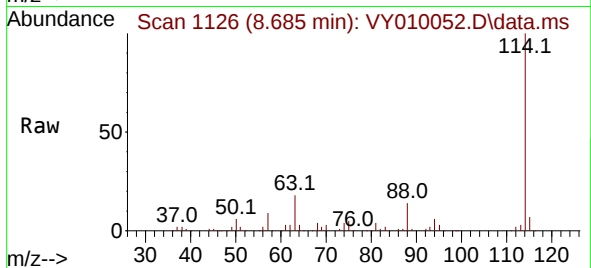




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

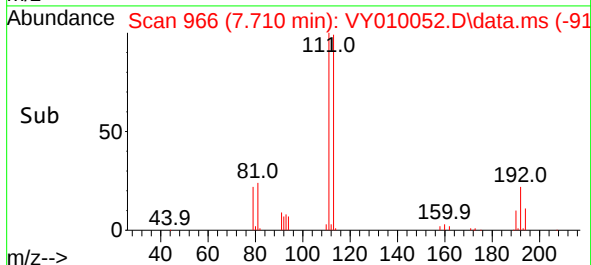
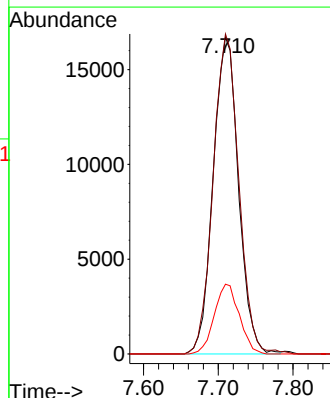
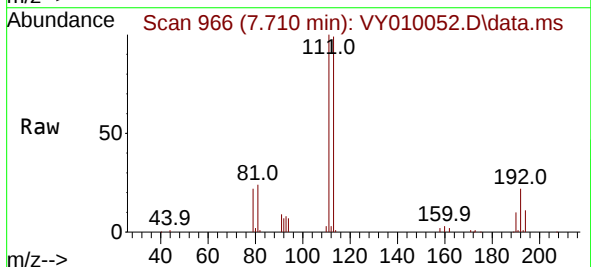
Instrument :
MSVOA_Y
ClientSampleId :
W-2

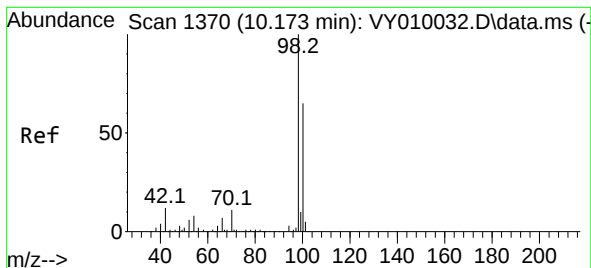
Tgt Ion:114 Resp: 115727
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.2
88 14.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 52.339 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

Tgt Ion:113 Resp: 39280
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 21.7 17.2 25.8

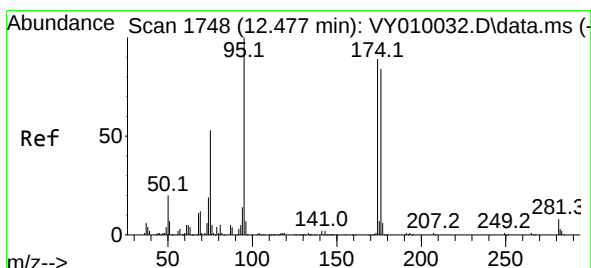
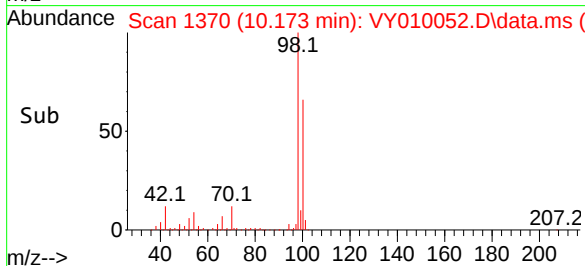
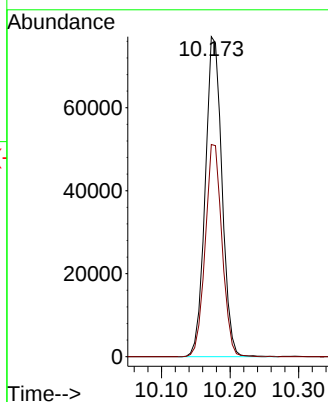
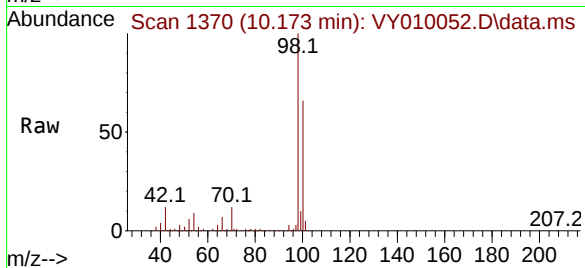




#50
Toluene-d8
Concen: 47.186 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

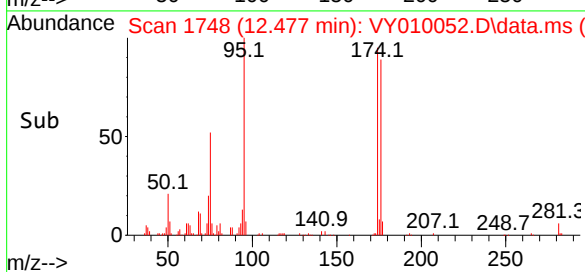
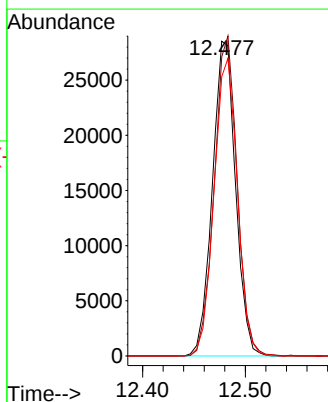
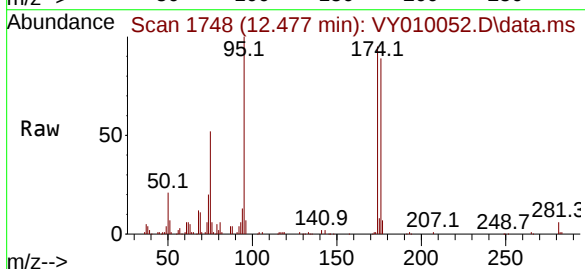
Instrument :
MSVOA_Y
ClientSampleId :
W-2

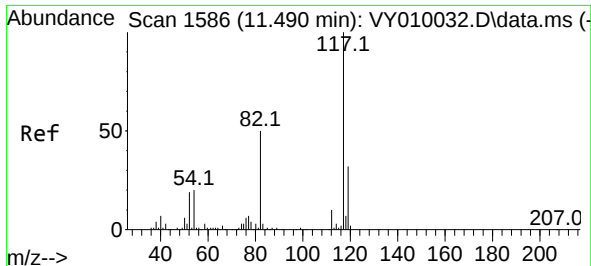
Tgt Ion: 98 Resp: 131017
Ion Ratio Lower Upper
98 100
100 66.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.894 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

Tgt Ion: 95 Resp: 44758
Ion Ratio Lower Upper
95 100
174 100.0 0.0 184.2
176 95.0 0.0 178.4

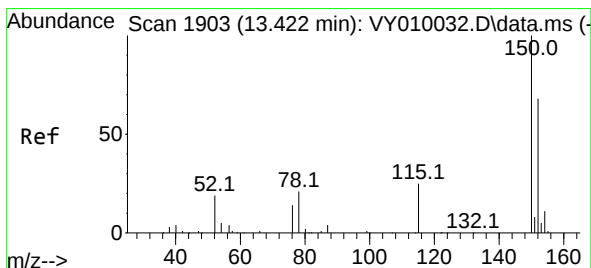
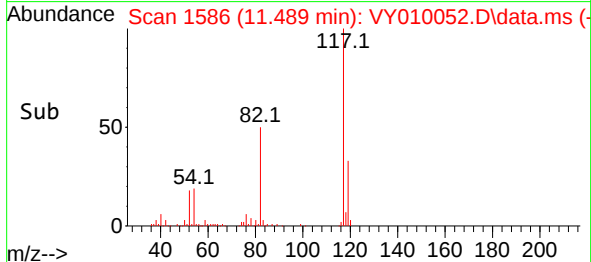
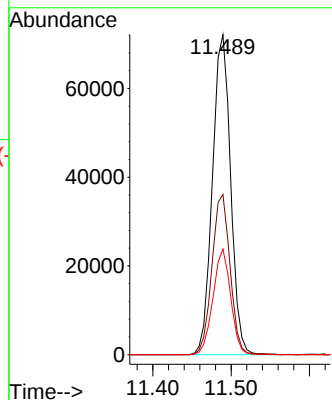
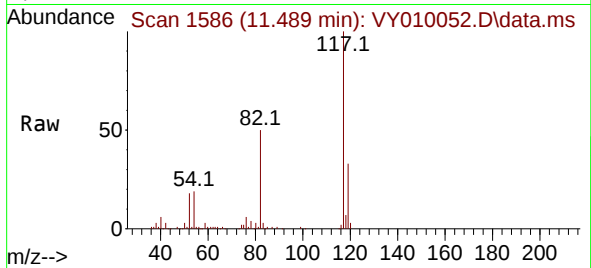




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

Instrument :
MSVOA_Y
ClientSampleId :
W-2

Tgt Ion:117 Resp: 116212
Ion Ratio Lower Upper
117 100
82 50.1 39.8 59.6
119 33.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010052.D
Acq: 16 Aug 2022 18:44

Tgt Ion:152 Resp: 56574
Ion Ratio Lower Upper
152 100
115 55.3 28.1 84.3
150 157.9 0.0 346.6

