

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015054.D
 Acq On : 11 Aug 2023 13:10
 Operator : SY/MD
 Sample : 03956-02
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP23A

Quant Time: Aug 11 14:26:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	110050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	182451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66416	49.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.580%
35) Dibromofluoromethane	7.716	113	57725	49.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.179	98	214944	48.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.477	95	76454	48.575	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.160%

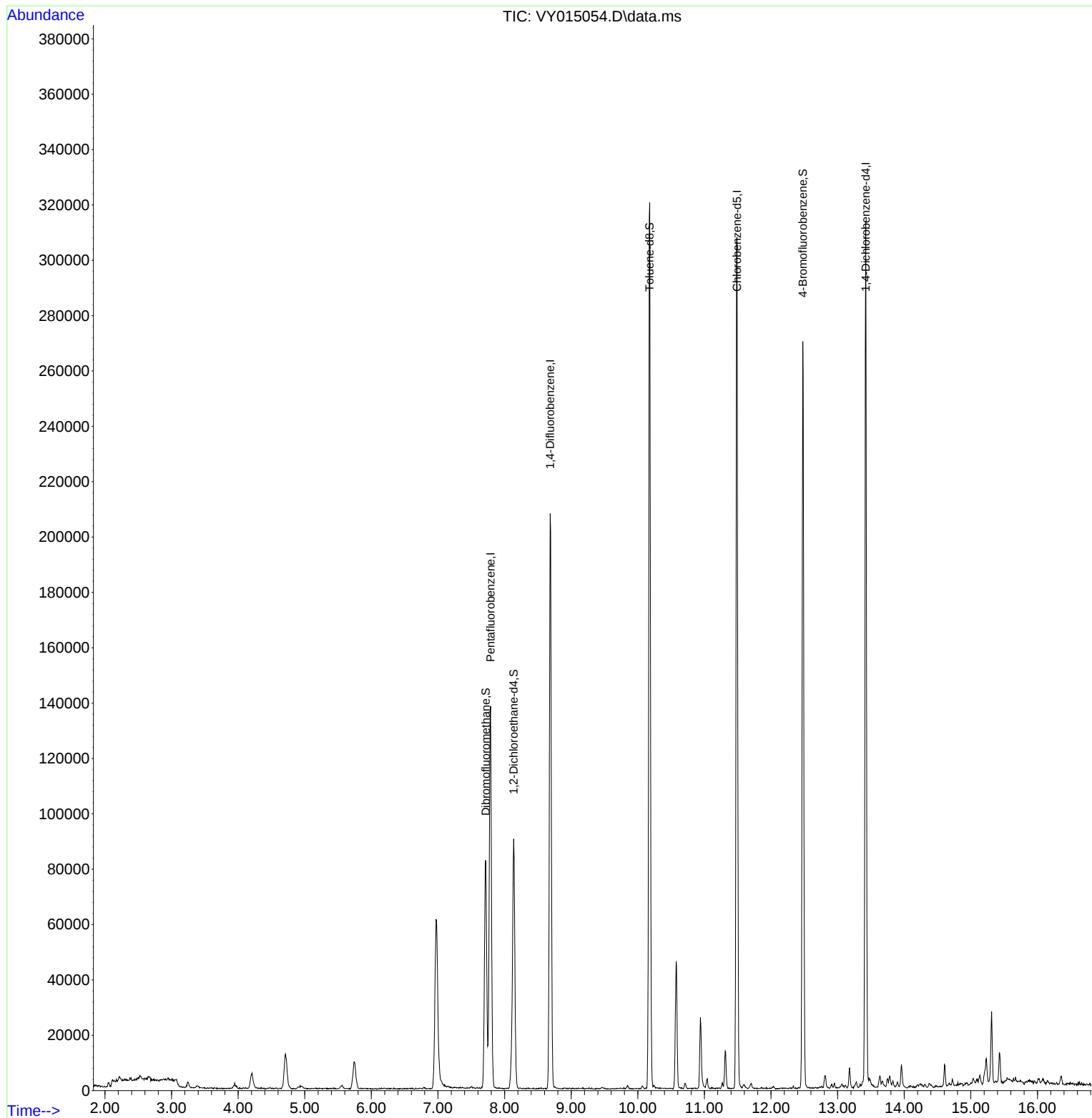
Target Compounds	Qvalue

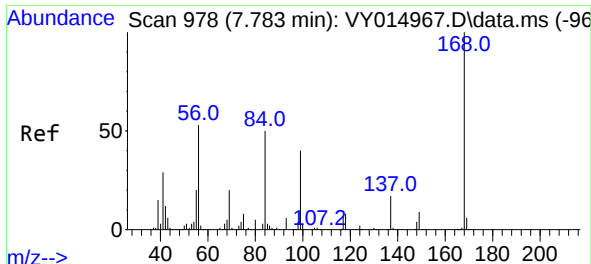
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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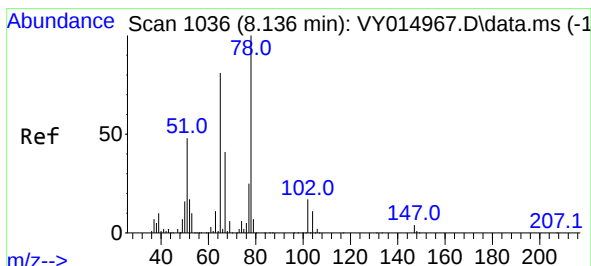
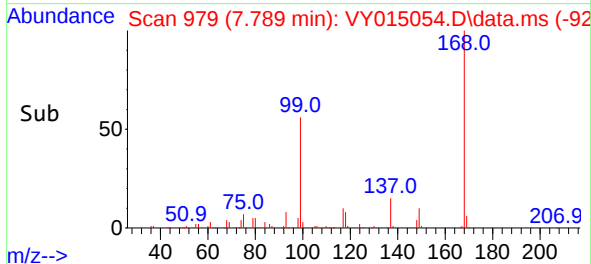
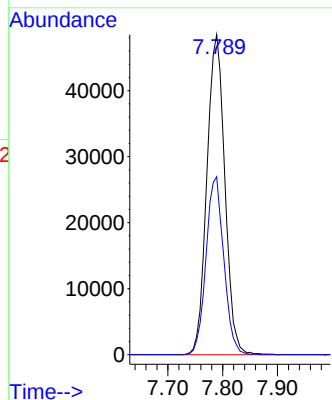
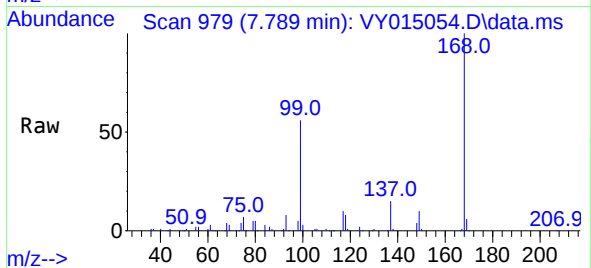




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

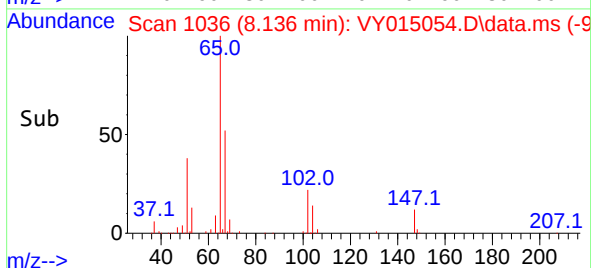
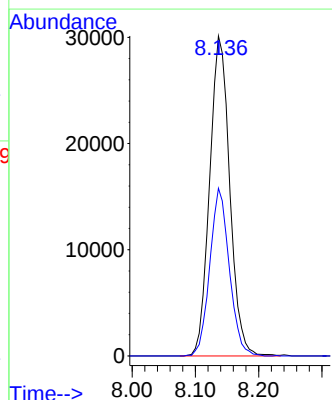
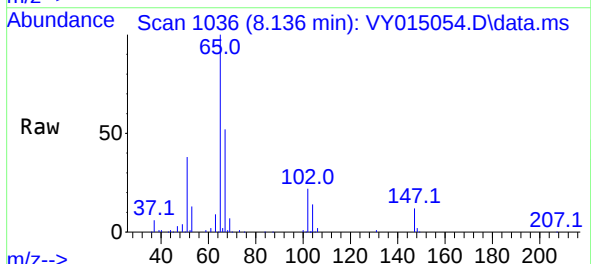
Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

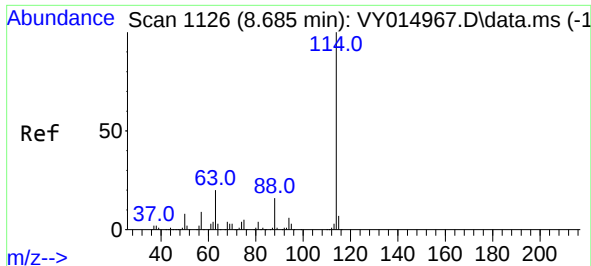
Tgt Ion:168 Resp: 110050
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.793 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

Tgt Ion: 65 Resp: 66416
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8

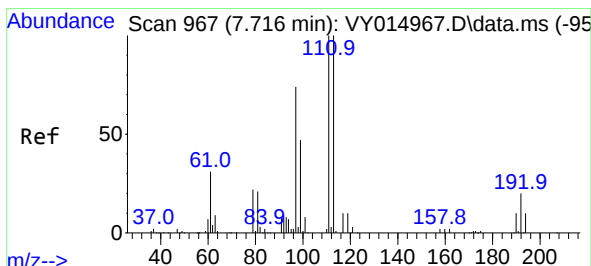
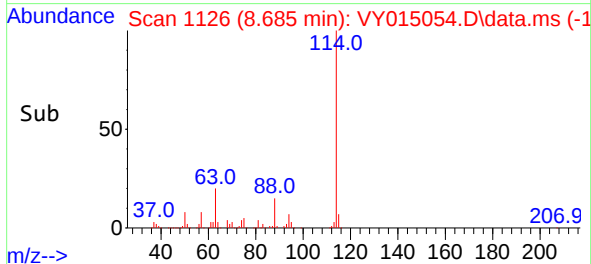
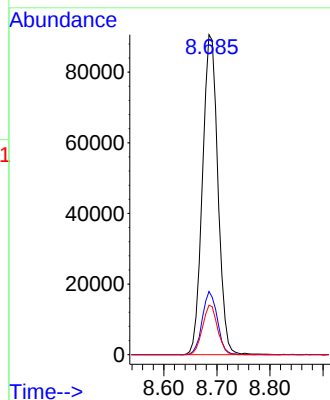
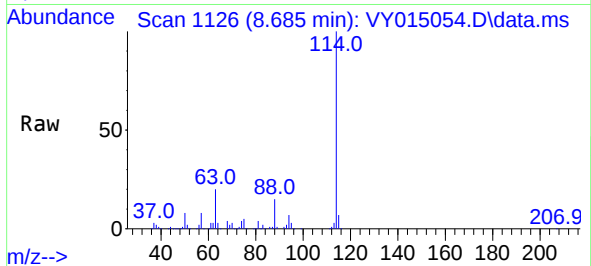




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

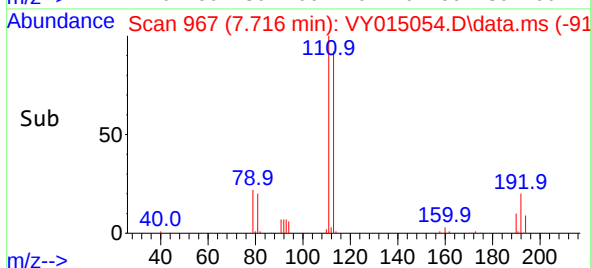
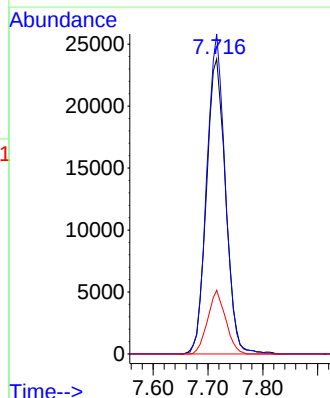
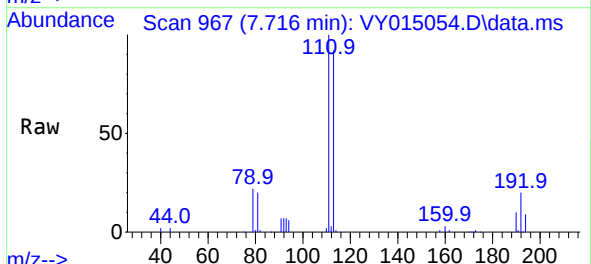
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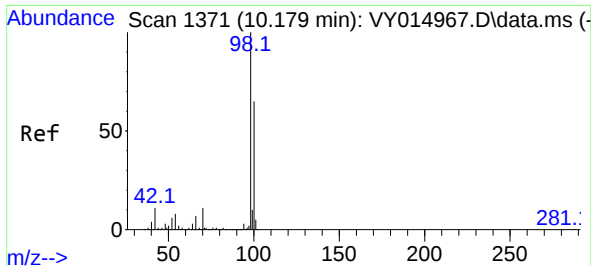
Tgt Ion:	114	Resp:	182451
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.4
88	15.4	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

Tgt Ion:	113	Resp:	57725
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	20.2	16.9	25.3

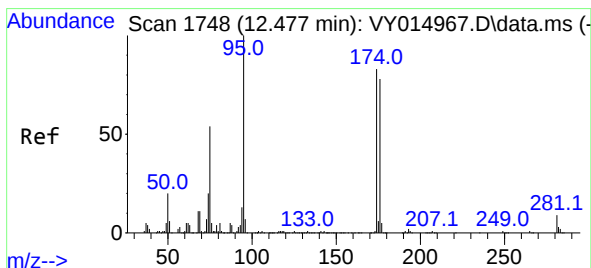
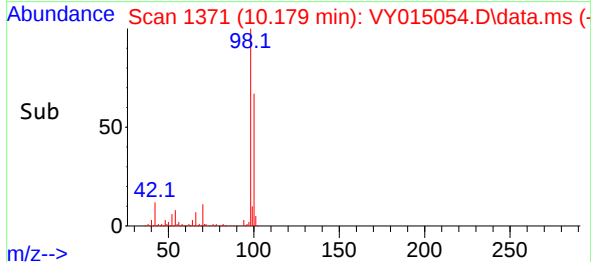
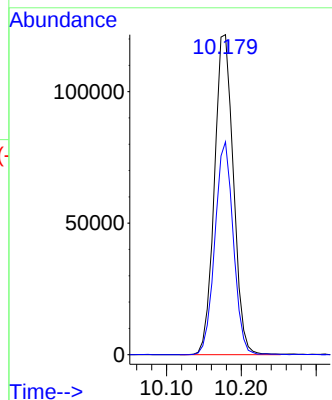
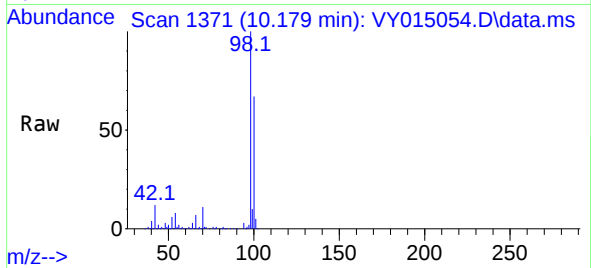




#50
Toluene-d8
Concen: 48.401 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

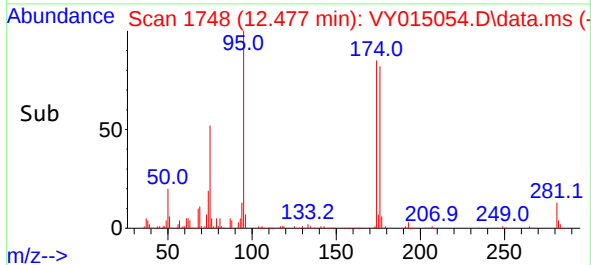
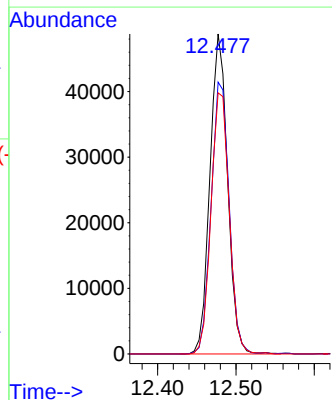
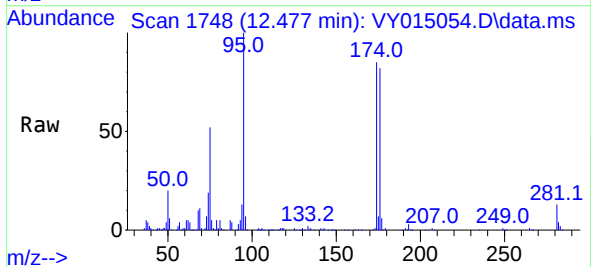
Instrument :
MSVOA_Y
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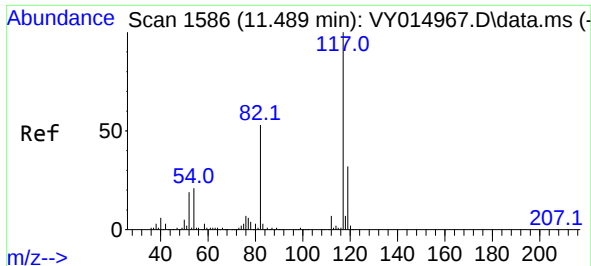
Tgt Ion: 98 Resp: 214944
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.575 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

Tgt Ion: 95 Resp: 76454
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.2 0.0 173.8

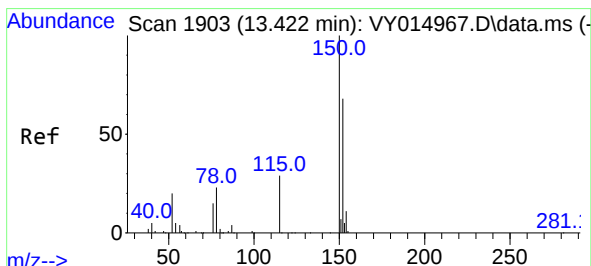
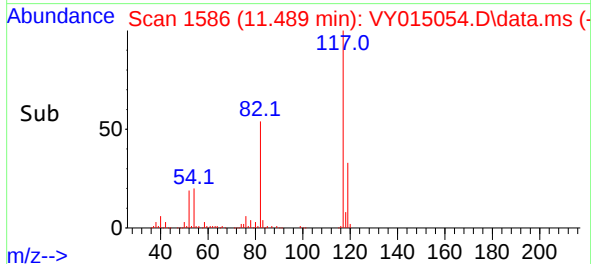
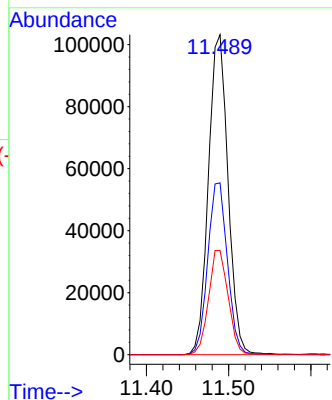
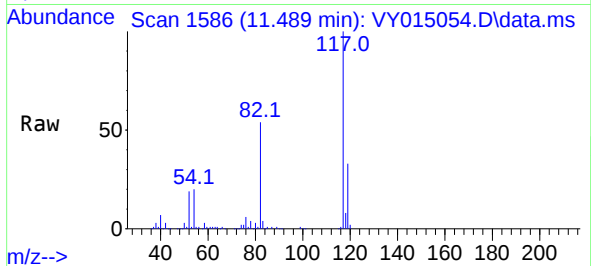




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

Instrument :
MSVOA_Y
ClientSampleId :
B-PP23A

Tgt Ion:117 Resp: 171040
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015054.D
Acq: 11 Aug 2023 13:10

Tgt Ion:152 Resp: 78080
Ion Ratio Lower Upper
152 100
115 58.4 28.8 86.5
150 155.5 0.0 348.8

