

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013559.D
 Acq On : 02 May 2023 16:10
 Operator : KP/MD
 Sample : 02563-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-03-042823

Quant Time: May 03 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	49707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	70820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25875	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32799	60.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.380%
35) Dibromofluoromethane	7.716	113	27266	61.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.420%
50) Toluene-d8	10.179	98	85911	54.218	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.483	95	24025	44.974	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.940%

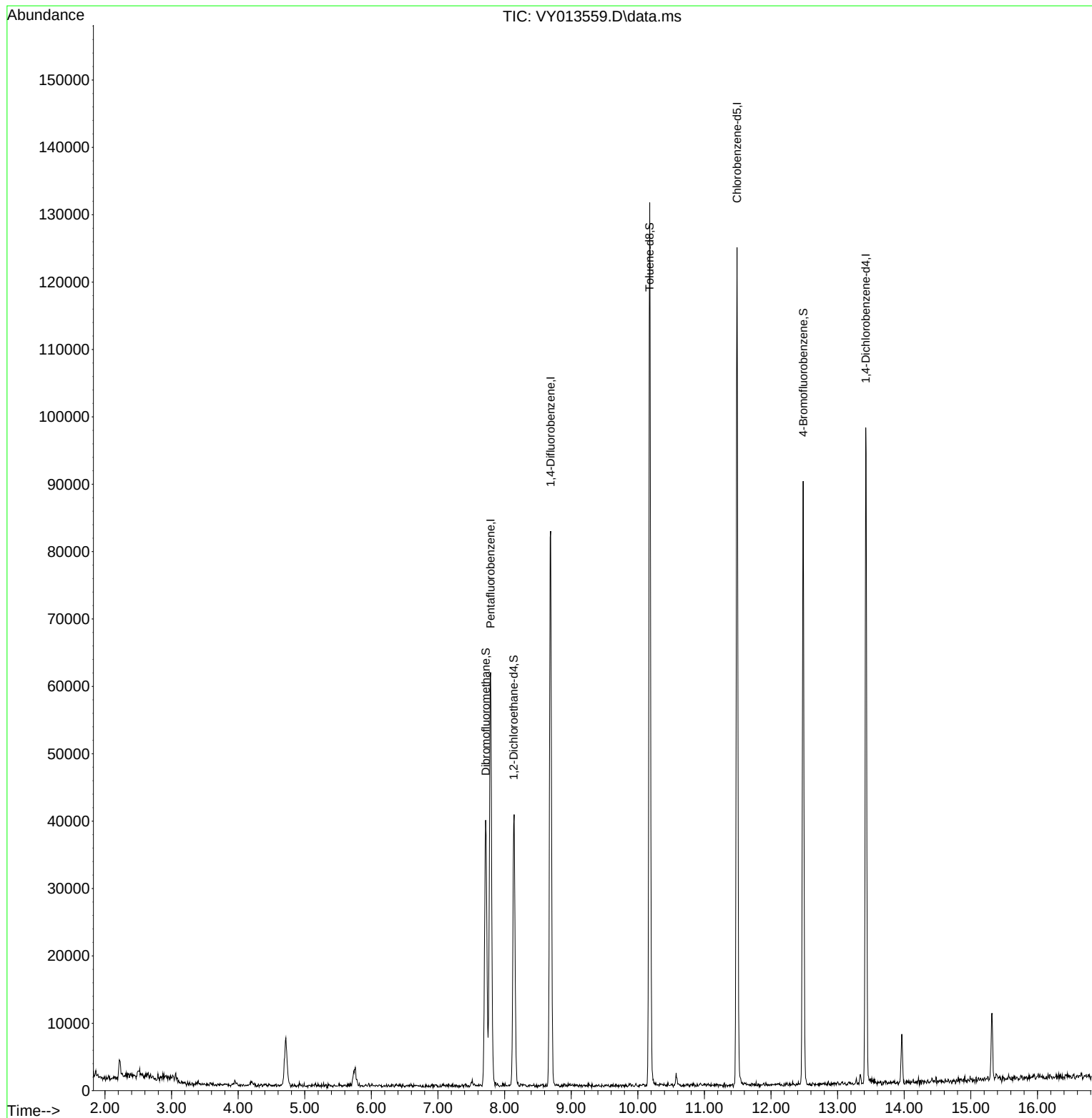
Target Compounds	Qvalue

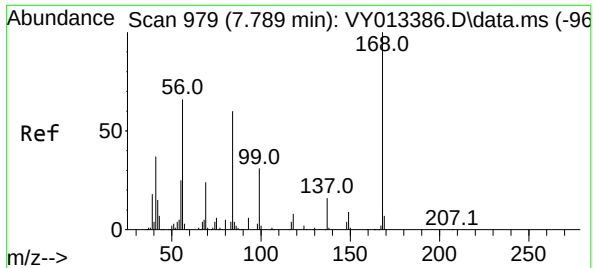
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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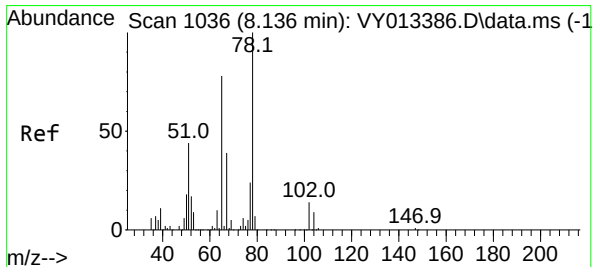
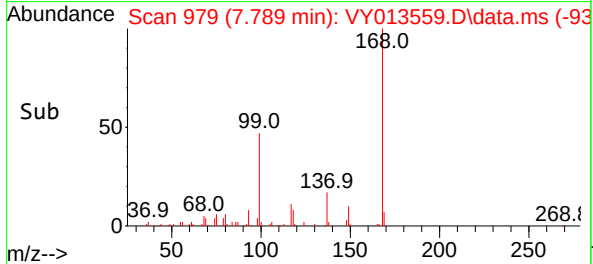
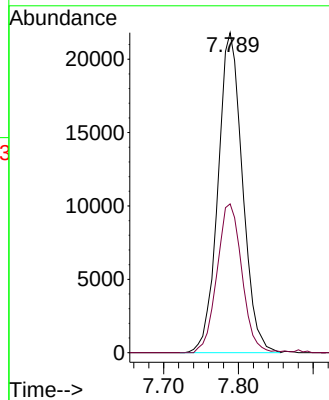
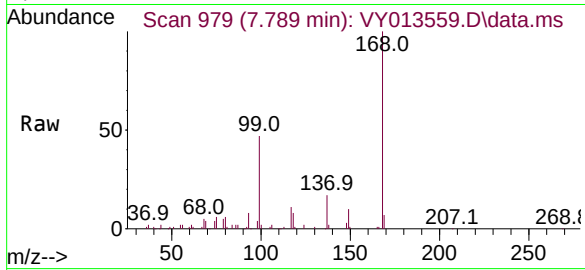




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

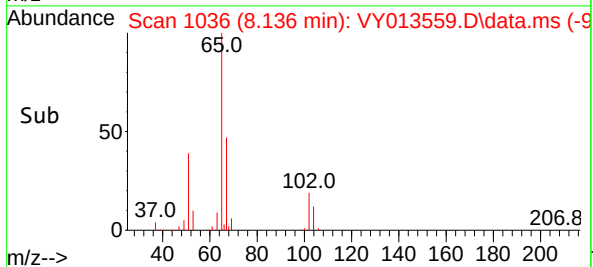
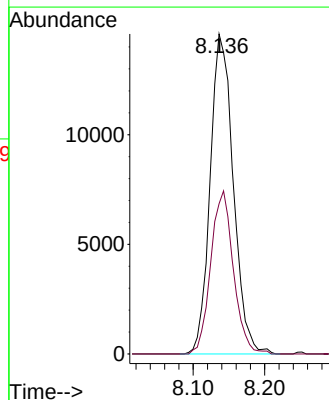
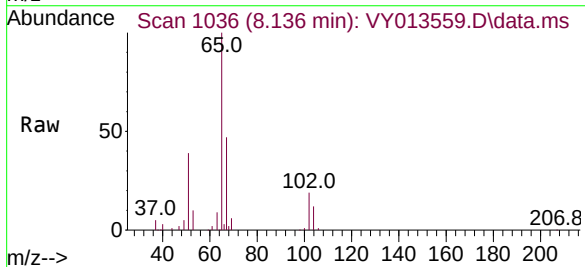
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042823

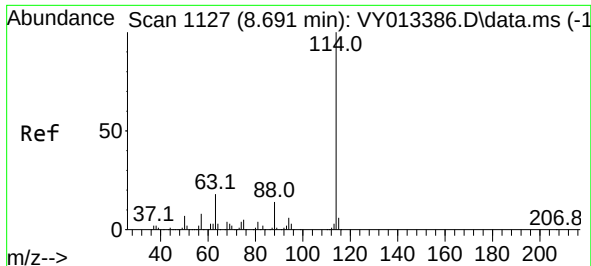
Tgt Ion:168 Resp: 49707
Ion Ratio Lower Upper
168 100
99 46.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 60.193 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

Tgt Ion: 65 Resp: 32799
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.4

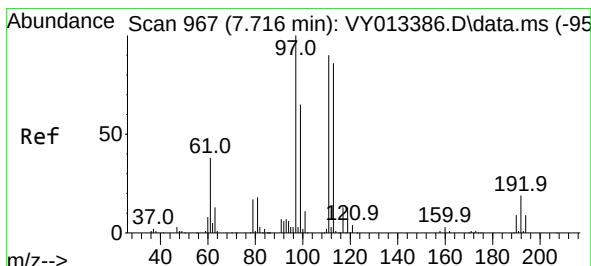
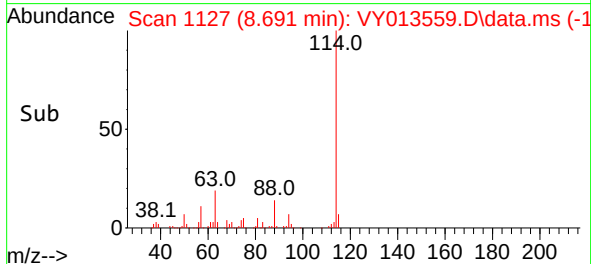
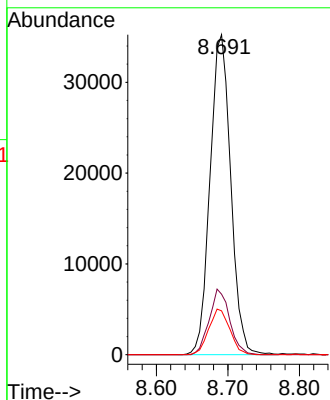
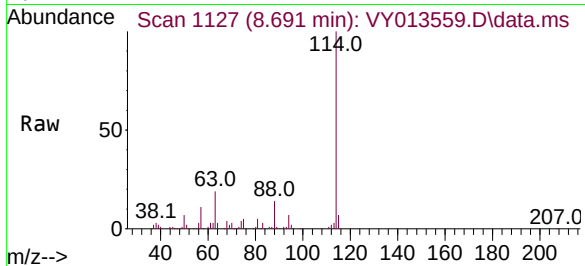




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

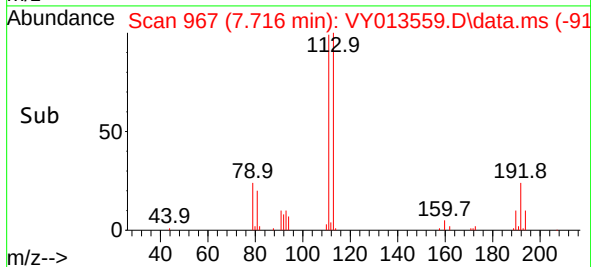
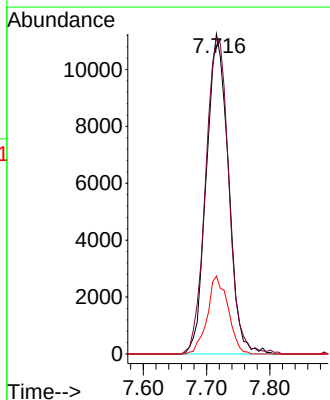
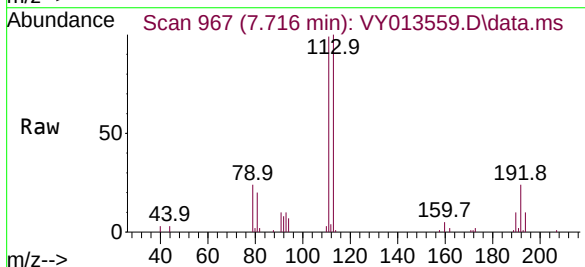
Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042823

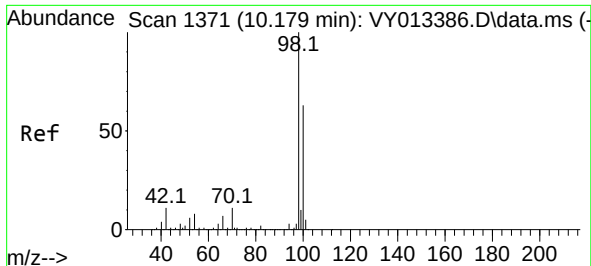
Tgt Ion:	114	Resp:	70820
Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	36.6
88	13.7	0.0	28.8



#35
Dibromofluoromethane
Concen: 61.213 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

Tgt Ion:	113	Resp:	27266
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.2	123.2
192	22.8	16.7	25.1

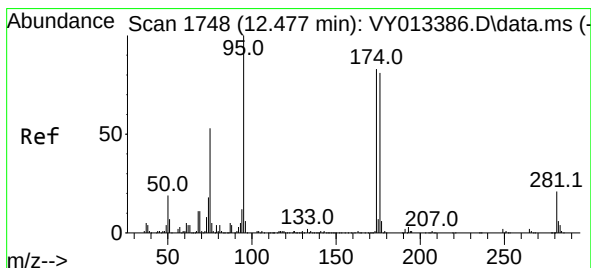
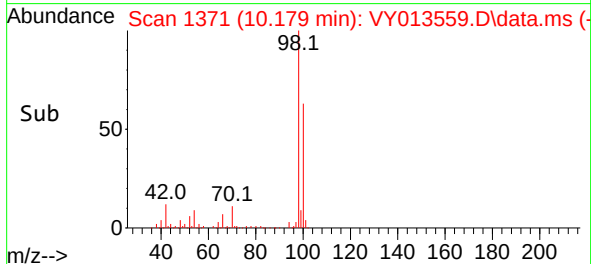
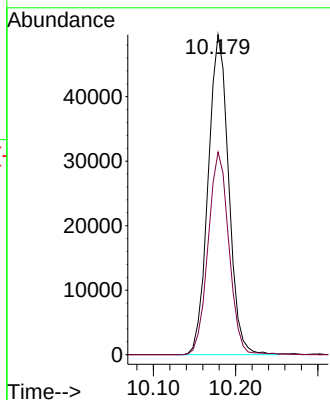
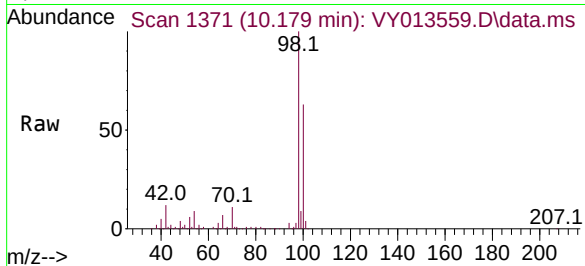




#50
Toluene-d8
Concen: 54.218 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

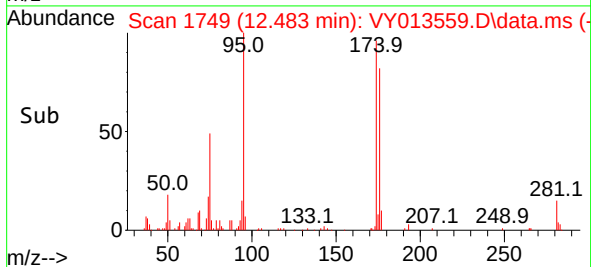
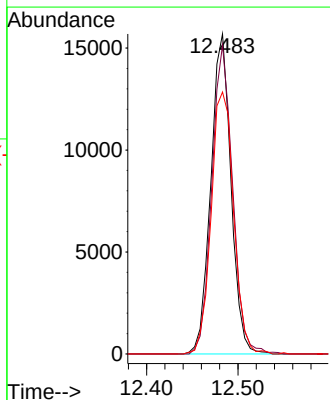
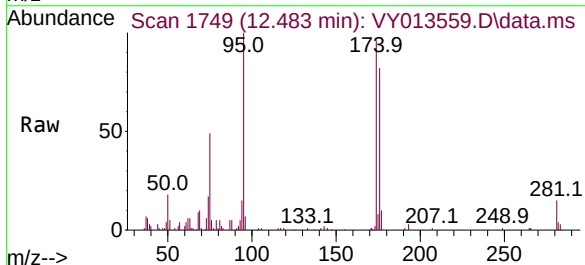
Instrument :
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HR-03-042823

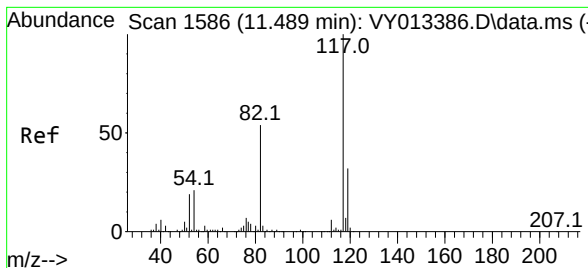
Tgt Ion: 98 Resp: 85911
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 44.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

Tgt Ion: 95 Resp: 24025
Ion Ratio Lower Upper
95 100
174 99.4 0.0 182.0
176 91.3 0.0 175.4

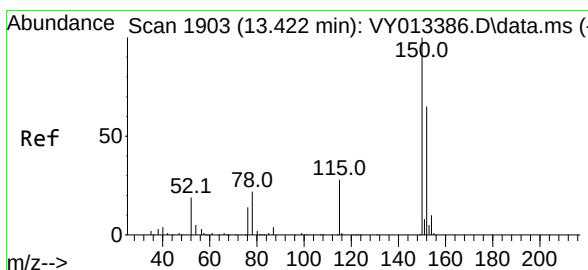
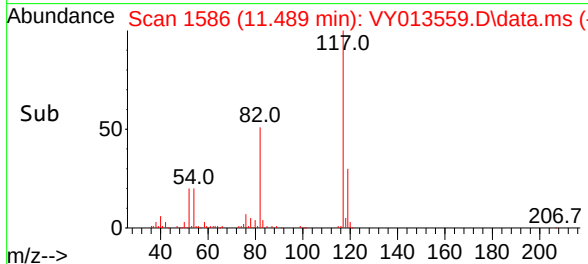
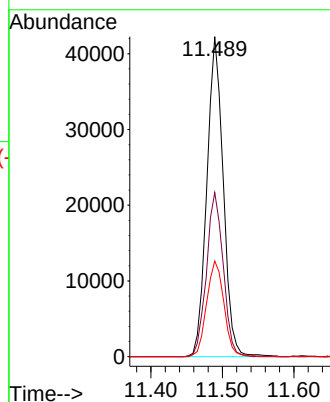
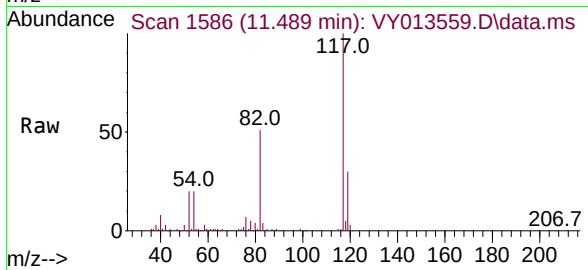




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-042823

Tgt Ion:	117	Resp:	67343
Ion Ratio	Lower	Upper	
117	100		
82	51.3	43.0	64.6
119	29.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013559.D
Acq: 02 May 2023 16:10

Tgt Ion:	152	Resp:	25875
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.1	84.2
150	155.3	0.0	352.0

