

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013370.D
 Acq On : 20 Apr 2023 16:00
 Operator : KP/MD
 Sample : 02371-09RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-20-8.0-8.5RE

Quant Time: Apr 21 02:15:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	9440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	8931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5590	49.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.540%
35) Dibromofluoromethane	7.722	113	5603	96.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	193.820%#
50) Toluene-d8	10.185	98	10551	49.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.483	95	4226	60.436	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.880%

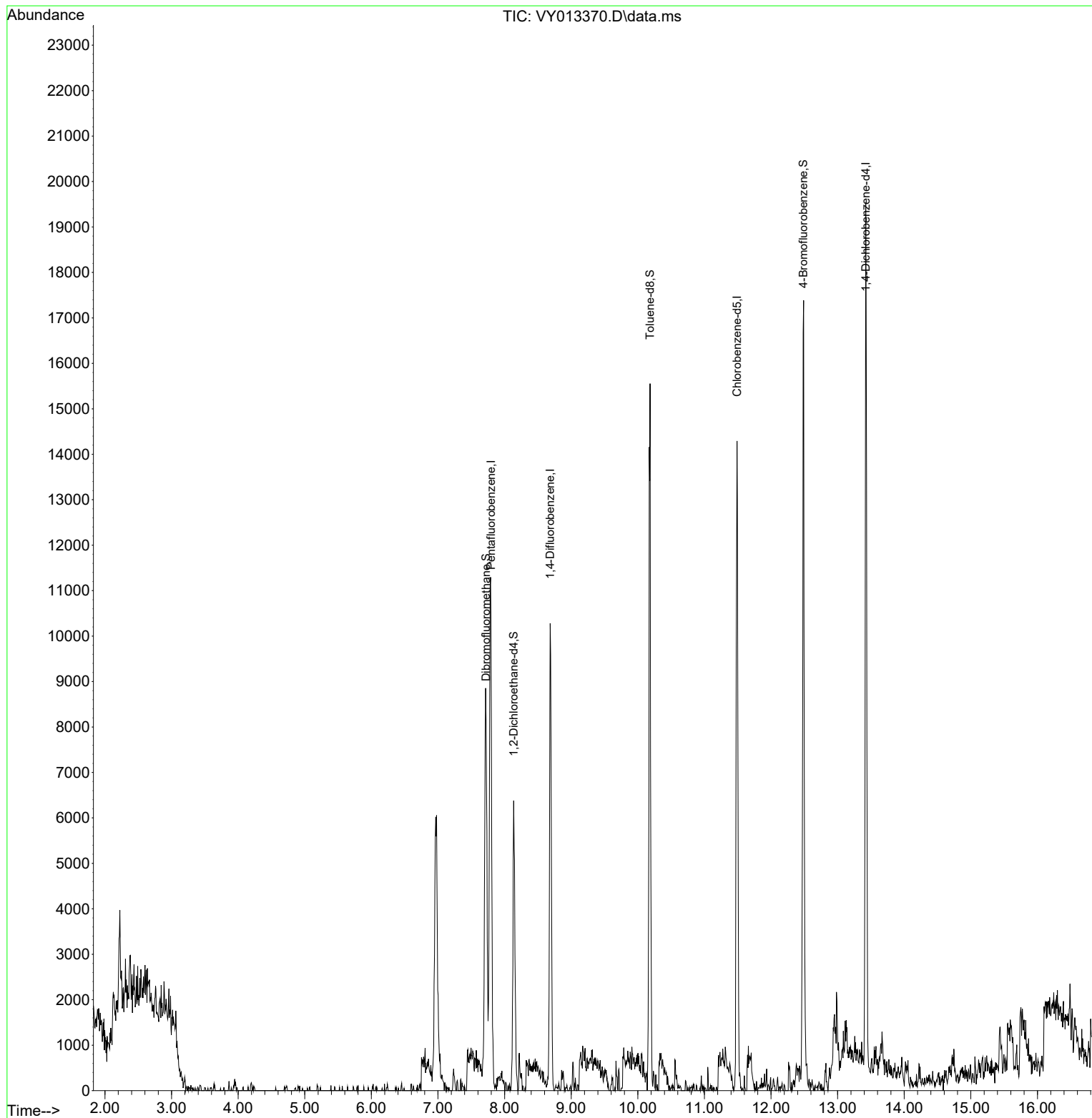
Target Compounds	Qvalue

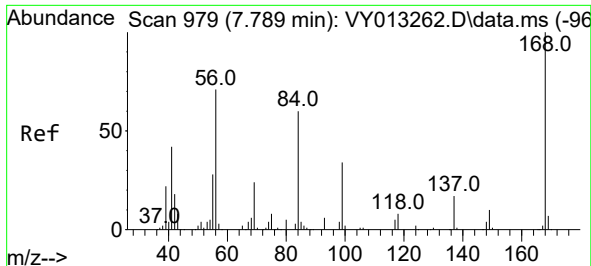
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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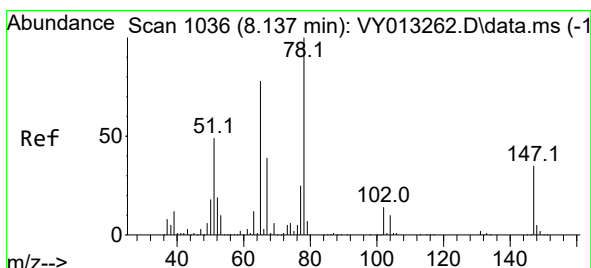
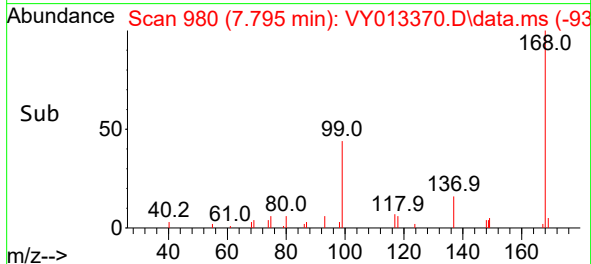
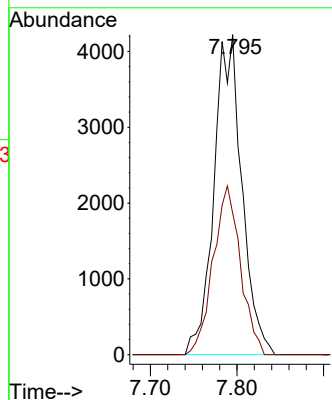
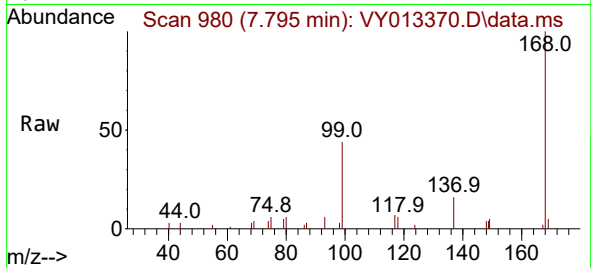




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

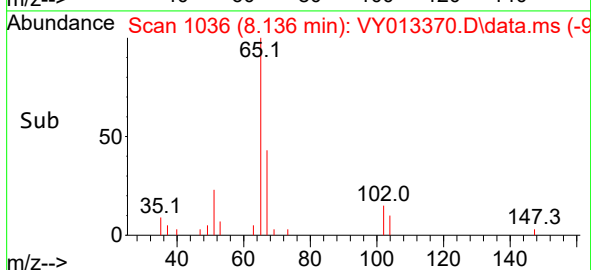
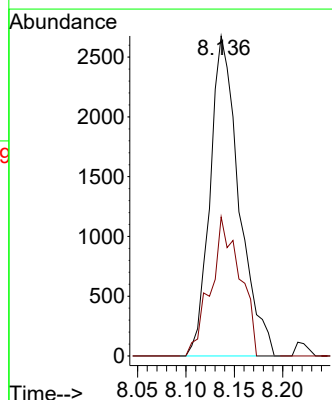
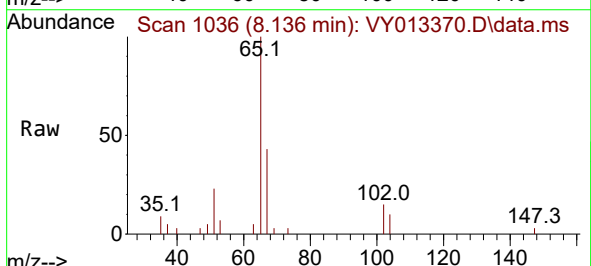
Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5RE

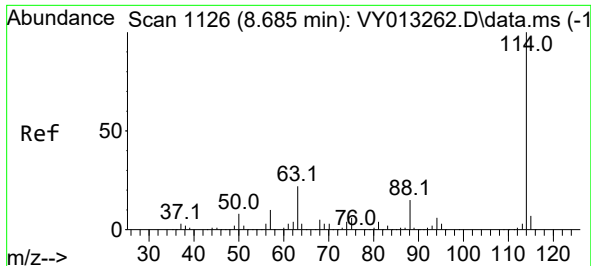
Tgt Ion:168 Resp: 9440
Ion Ratio Lower Upper
168 100
99 44.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 49.274 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

Tgt Ion: 65 Resp: 5590
Ion Ratio Lower Upper
65 100
67 43.7 0.0 104.0

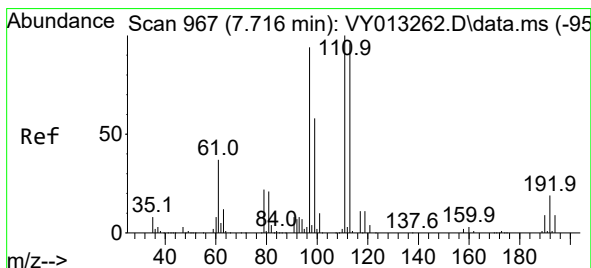
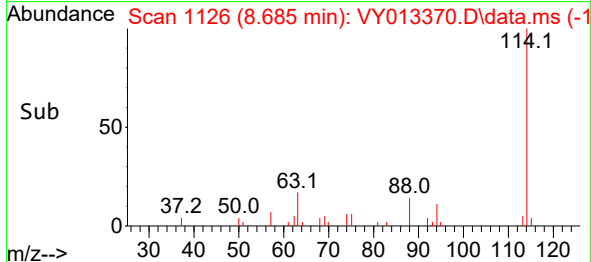
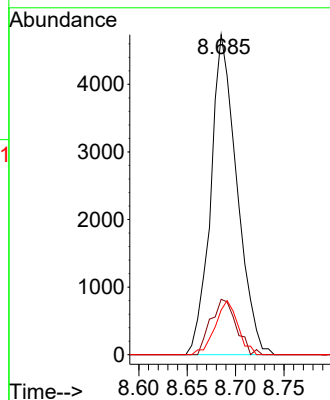
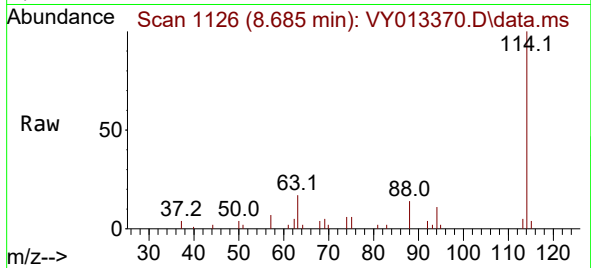




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

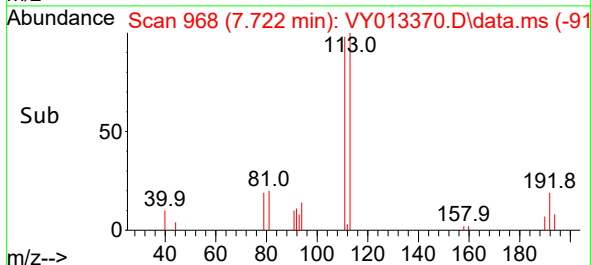
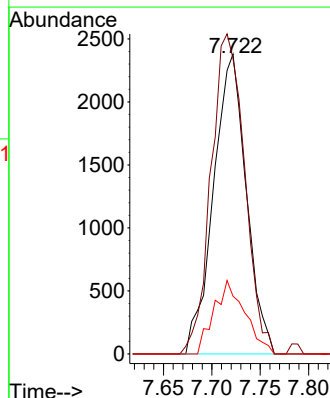
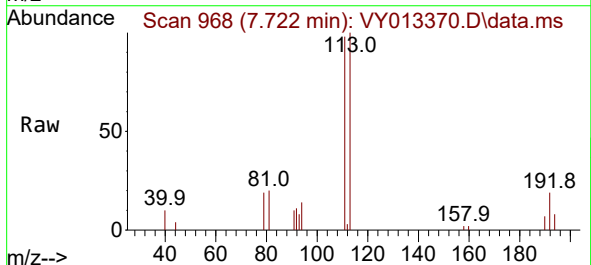
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ClientSampleId :
SB-20-8.0-8.5RE

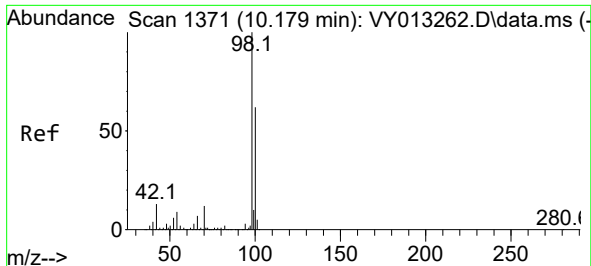
Tgt Ion:114	Resp:	8931
Ion Ratio	Lower	Upper
114	100	
63	17.3	0.0 37.4
88	14.0	0.0 28.6



#35
Dibromofluoromethane
Concen: 96.906 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

Tgt Ion:113	Resp:	5603
Ion Ratio	Lower	Upper
113	100	
111	109.1	82.2 123.2
192	23.2	16.8 25.2

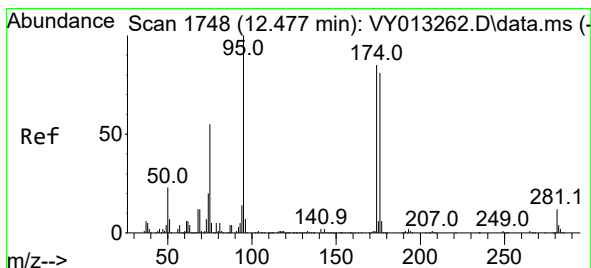
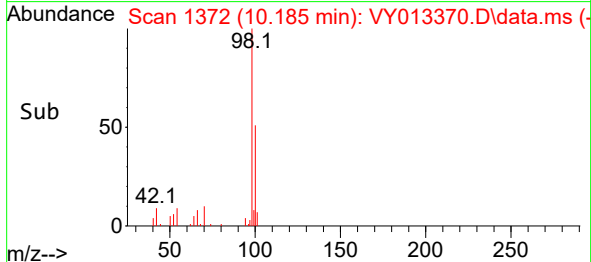
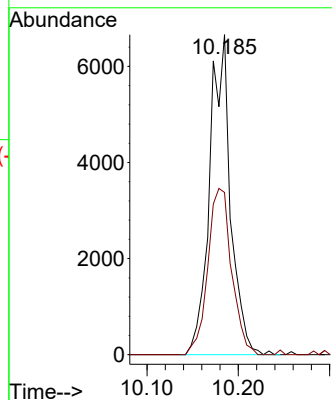
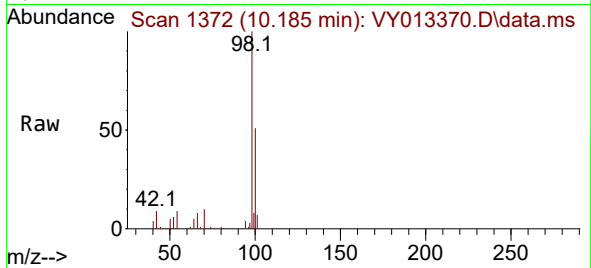




#50
Toluene-d8
Concen: 49.026 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

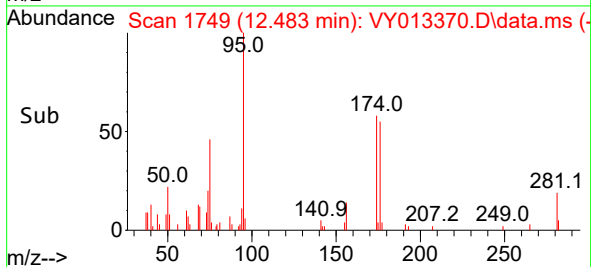
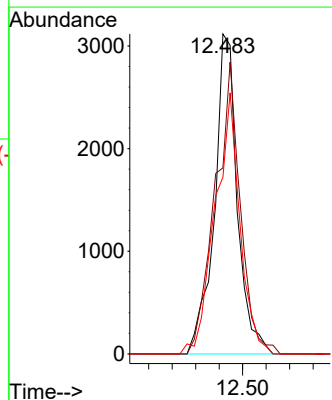
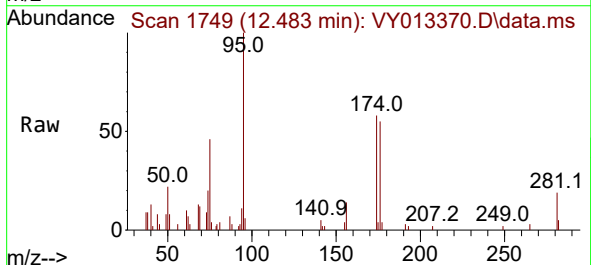
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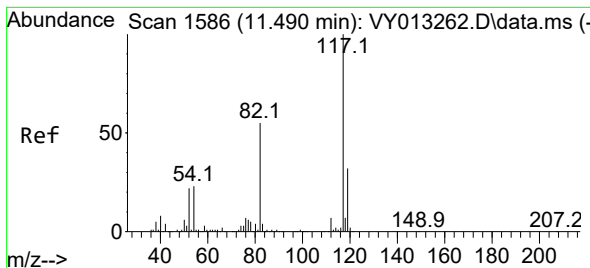
Tgt Ion: 98 Resp: 10551
Ion Ratio Lower Upper
98 100
100 59.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 60.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

Tgt Ion: 95 Resp: 4226
Ion Ratio Lower Upper
95 100
174 100.0 0.0 176.6
176 88.6 0.0 170.2

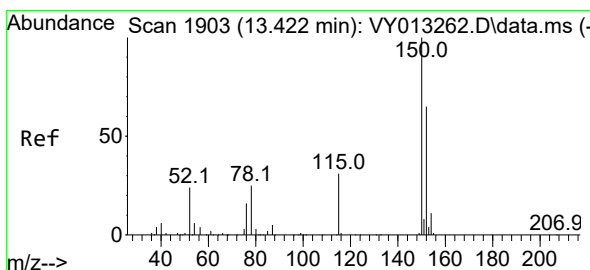
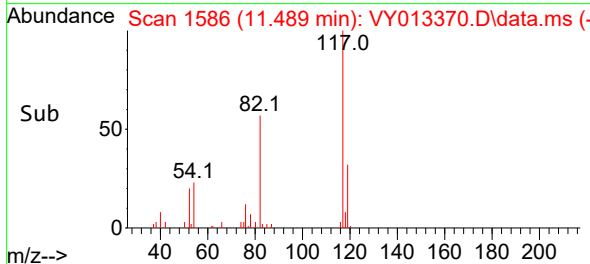
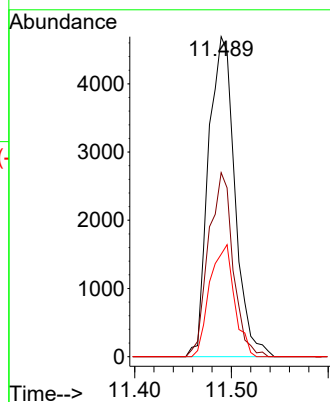
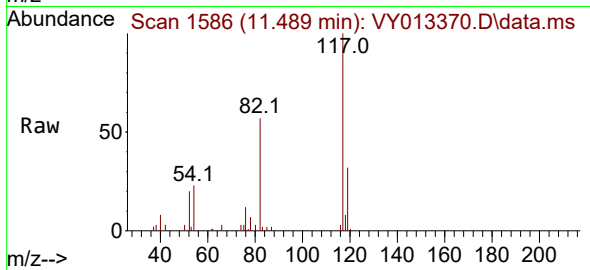




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY013370.D
Acq: 20 Apr 2023 16:00

Instrument :
MSVOA_Y
ClientSampleId :
SB-20-8.0-8.5RE

Tgt Ion:	117	Resp:	8871
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.0
119	32.0	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: VY013370.D
Acq: 20 Apr 2023 16:00

Tgt Ion:	152	Resp:	5119
Ion	Ratio	Lower	Upper
152	100		
115	50.0	27.1	81.3
150	165.9	0.0	347.8

