

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081123\
 Data File : VY015049.D
 Acq On : 11 Aug 2023 11:12
 Operator : SY/MD
 Sample : 03971-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP02A

Quant Time: Aug 12 04:18:03 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	208800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156602	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	132643	52.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.820%
35) Dibromofluoromethane	7.716	113	112846	50.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.380%
50) Toluene-d8	10.179	98	416668	48.691	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.380%
62) 4-Bromofluorobenzene	12.477	95	154799	51.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.080%

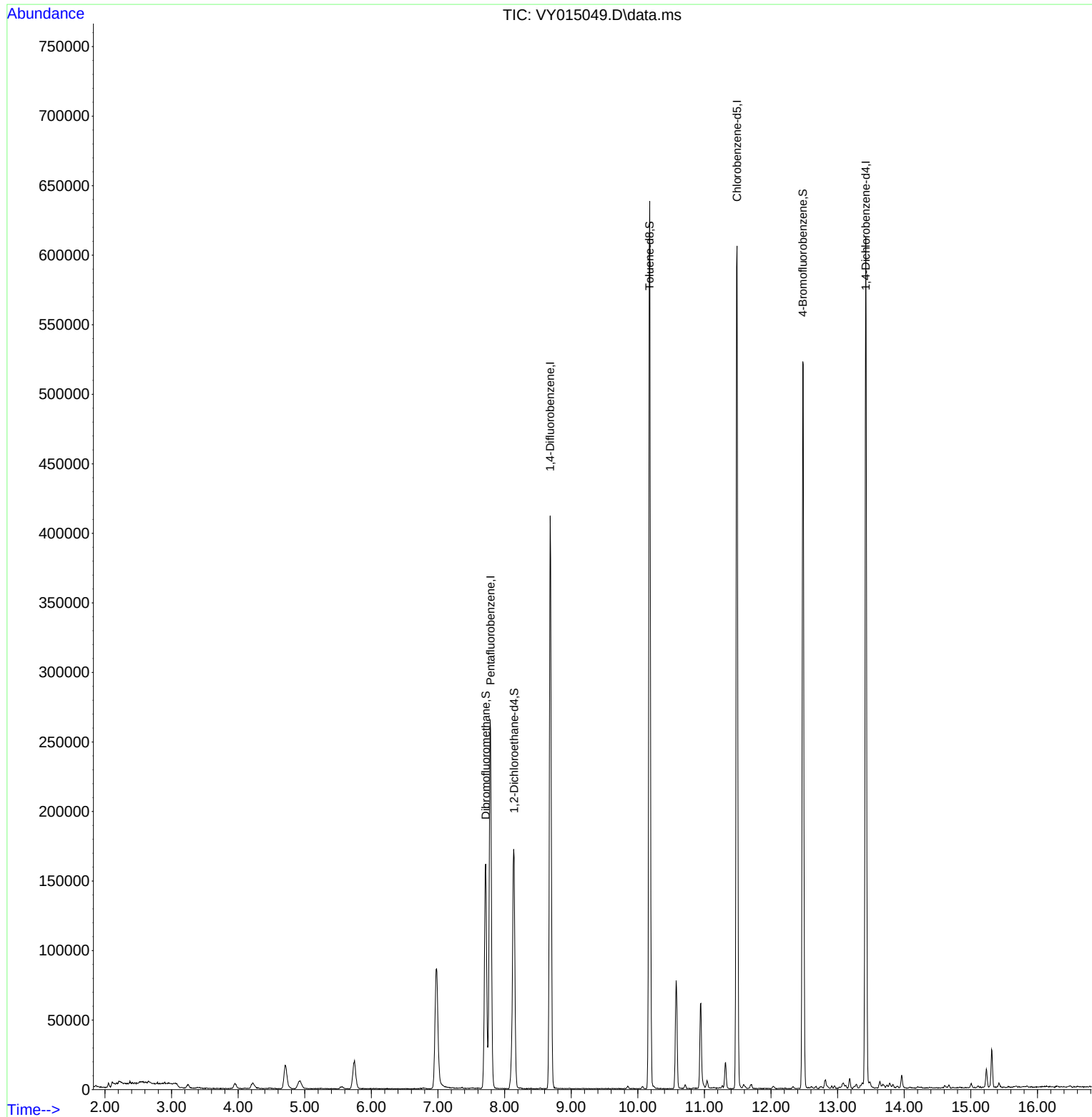
Target Compounds	Qvalue

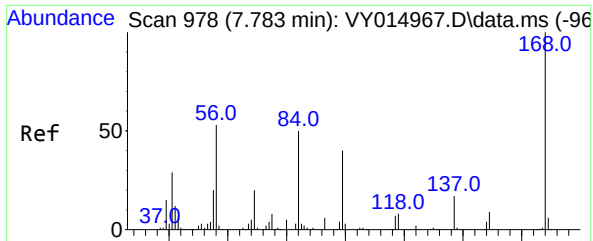
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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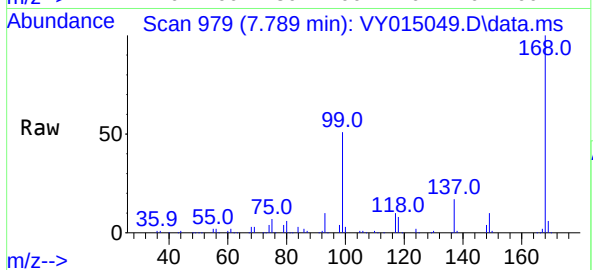
Quant Time: Aug 12 04:18:03 2023
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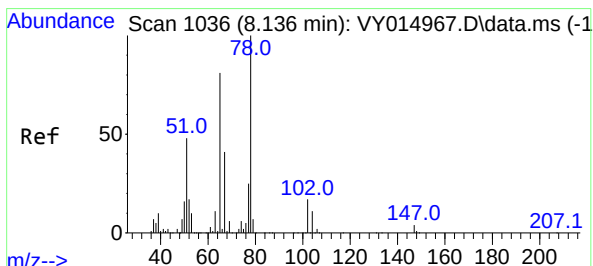
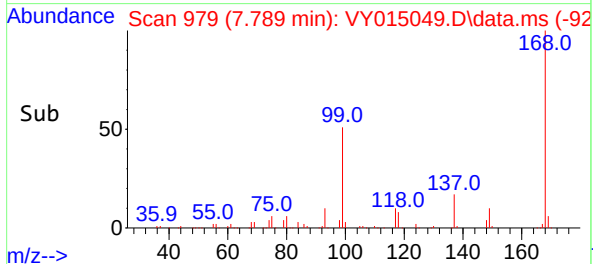
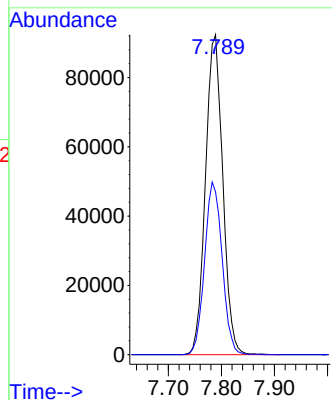


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

Instrument :
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ClientSampleId :
B-PP02A

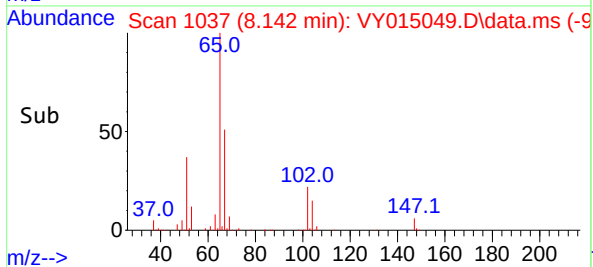
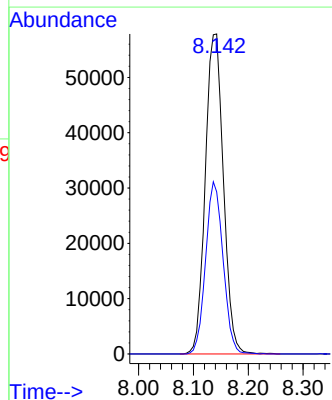
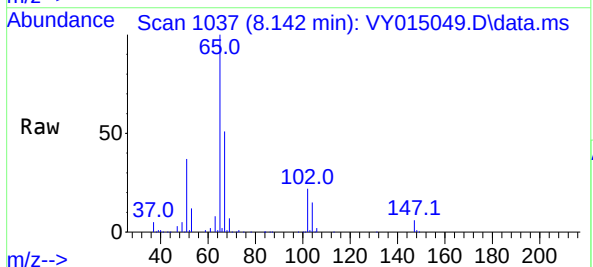


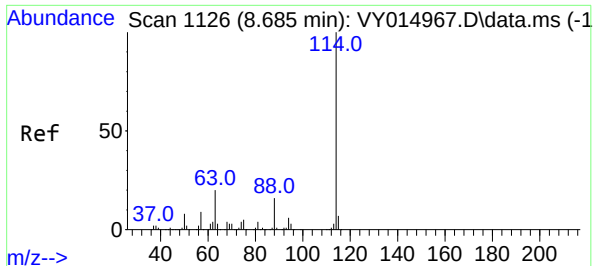
Tgt Ion:168 Resp: 208800
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.413 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

Tgt Ion: 65 Resp: 132643
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

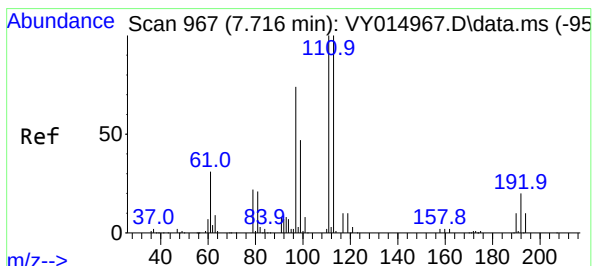
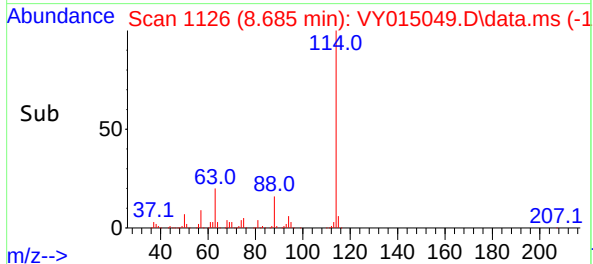
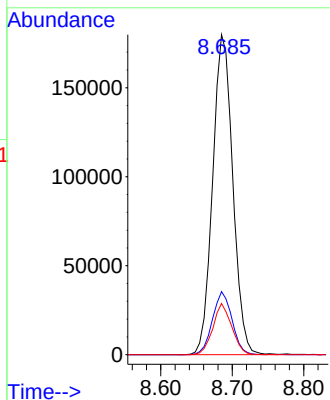
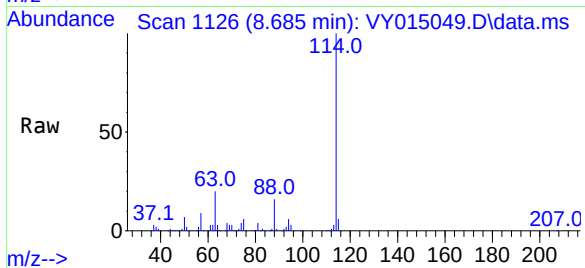




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

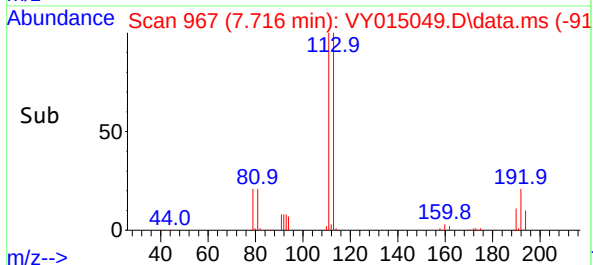
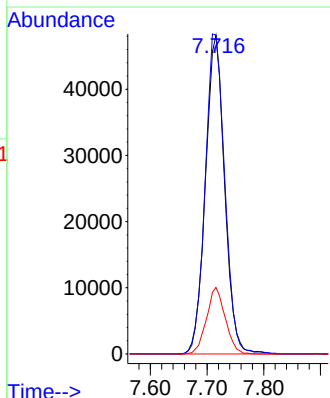
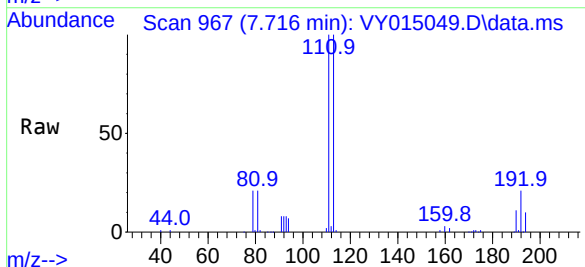
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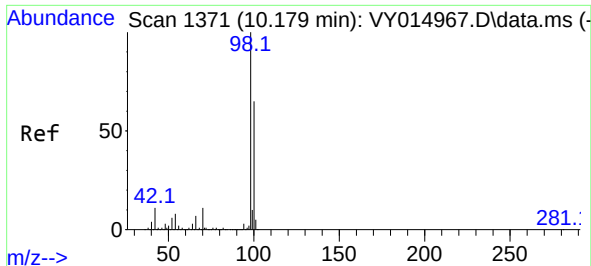
Tgt Ion:	114	Resp:	351579
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.4
88	16.0	0.0	30.6



#35
Dibromofluoromethane
Concen: 50.192 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

Tgt Ion:	113	Resp:	112846
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.3	121.9
192	20.4	16.9	25.3

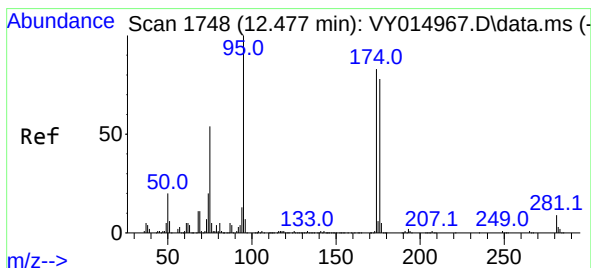
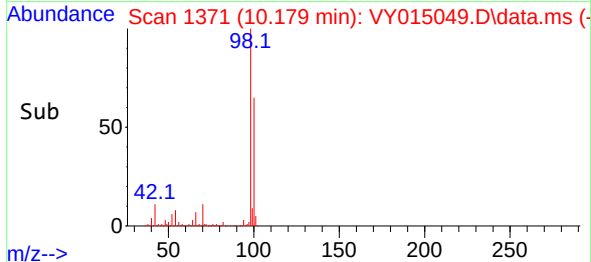
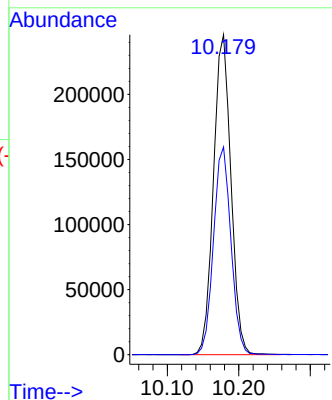
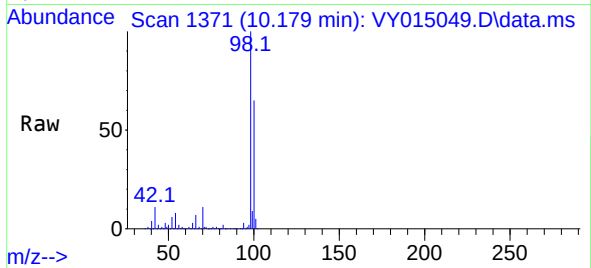




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

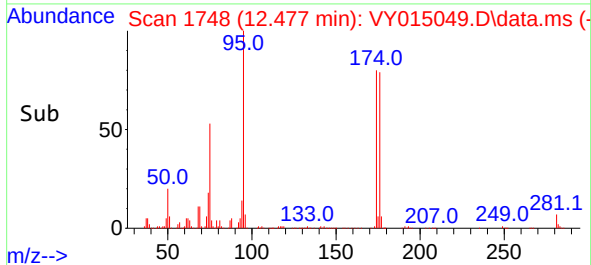
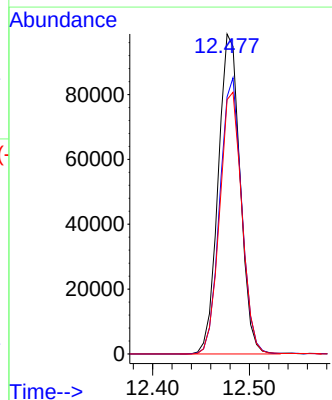
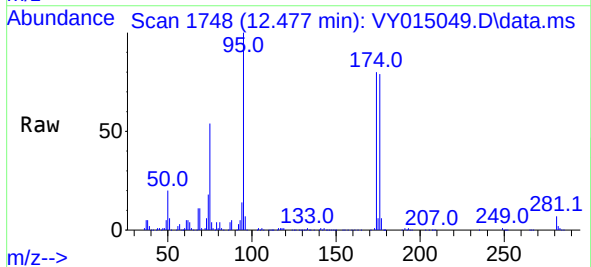
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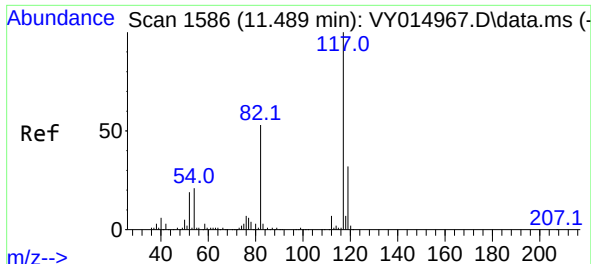
Tgt Ion: 98 Resp: 416668
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.040 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

Tgt Ion: 95 Resp: 154799
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.9 0.0 173.8

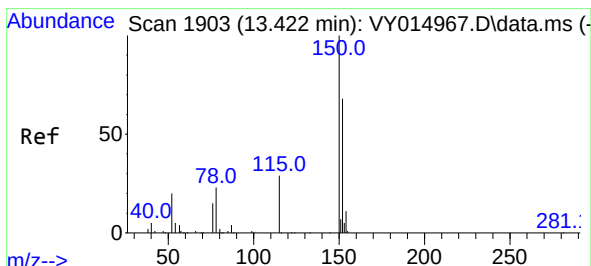
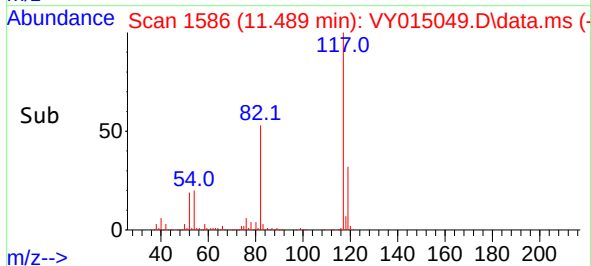
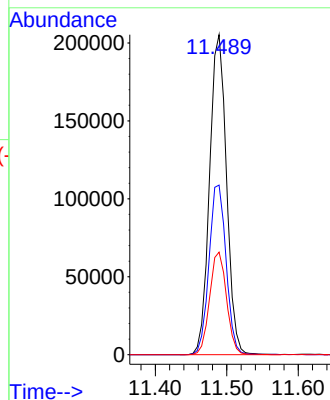
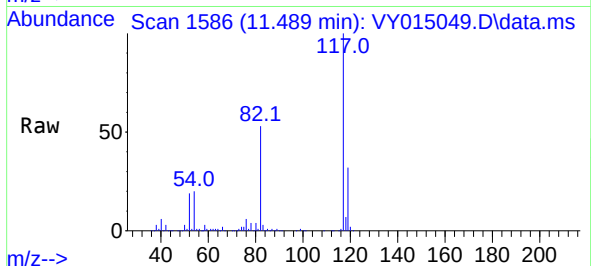




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015049.D
Acq: 11 Aug 2023 11:12

Instrument :
MSVOA_Y
ClientSampleId :
B-PP02A

Tgt Ion:117 Resp: 338046
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.0
119 32.1 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: VY015049.D
Acq: 11 Aug 2023 11:12

Tgt Ion:152 Resp: 156602
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 160.3 0.0 348.8

