

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016102.D
 Acq On : 27 Oct 2023 13:59
 Operator : SY/MD
 Sample : 05073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-102523

Quant Time: Oct 30 06:08:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	59056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	101081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37109	63.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.380%
35) Dibromofluoromethane	7.716	113	34587	54.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.400%
50) Toluene-d8	10.179	98	121429	51.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.483	95	42554	52.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.960%

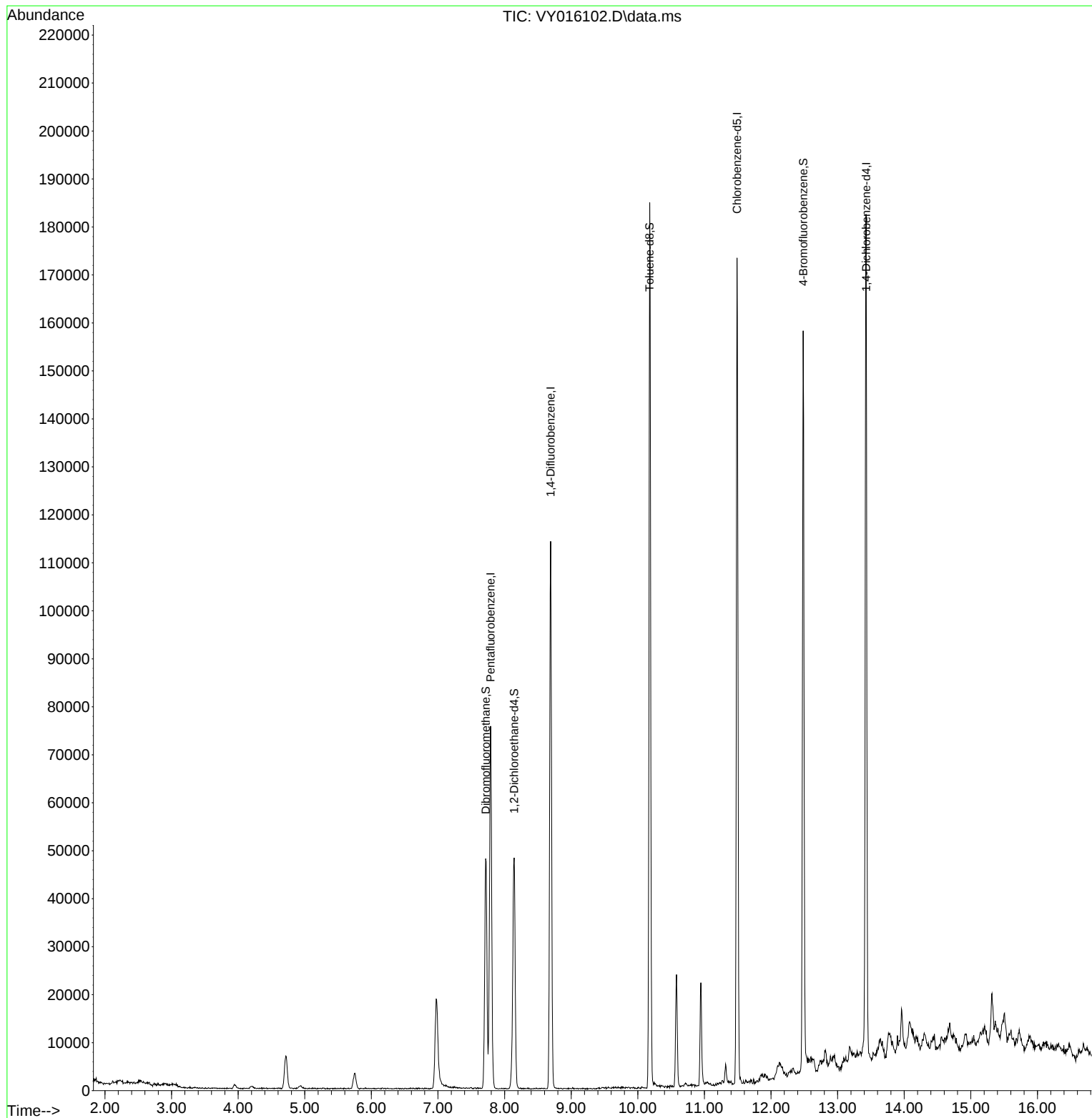
Target Compounds	Qvalue

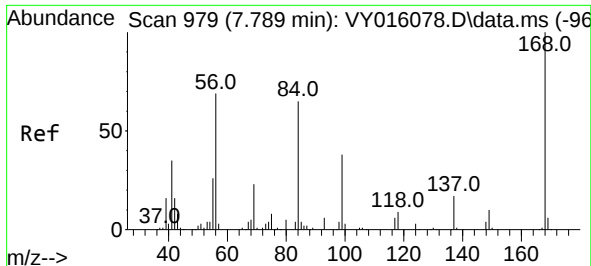
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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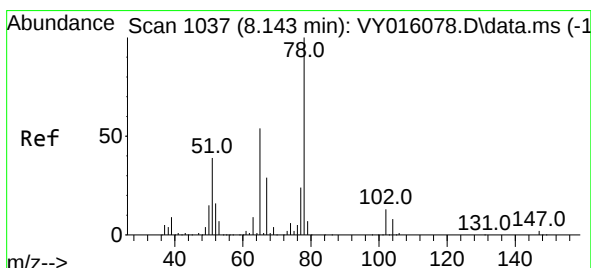
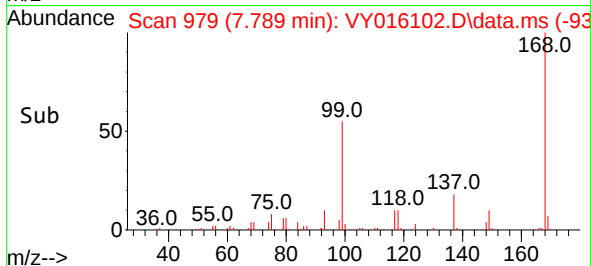
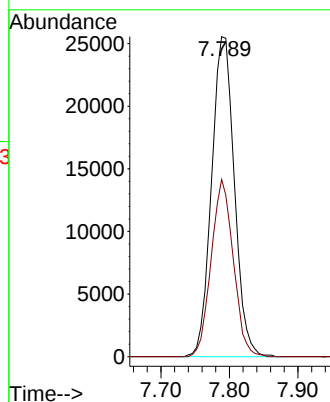
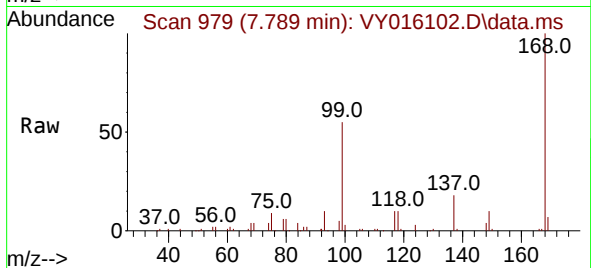




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

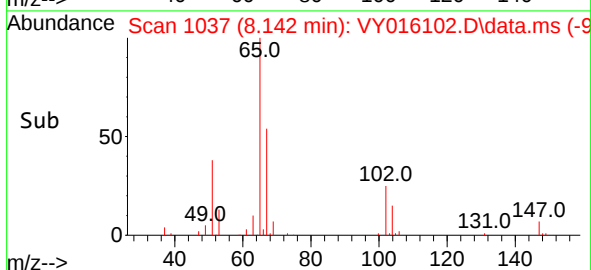
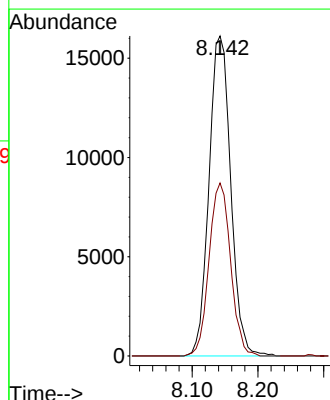
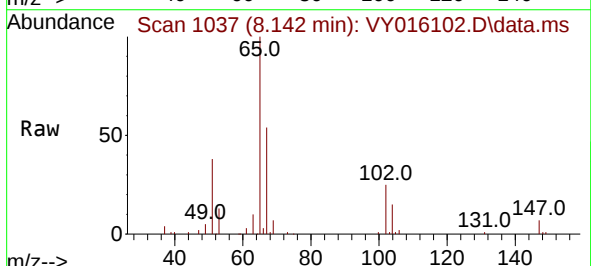
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-102523

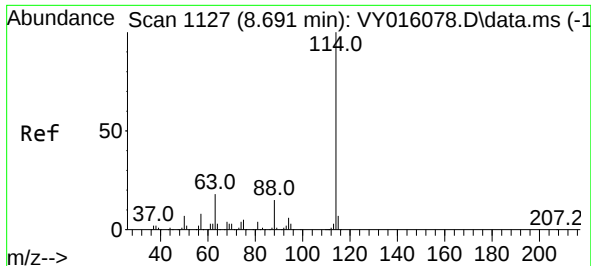
Tgt Ion:168 Resp: 59056
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 63.193 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

Tgt Ion: 65 Resp: 37109
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.8

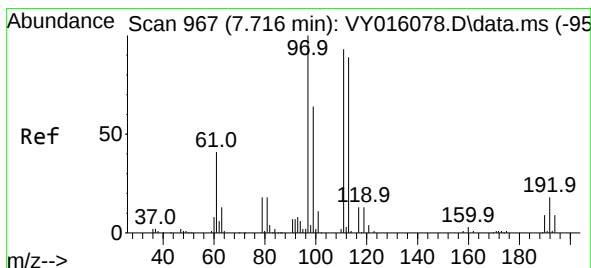
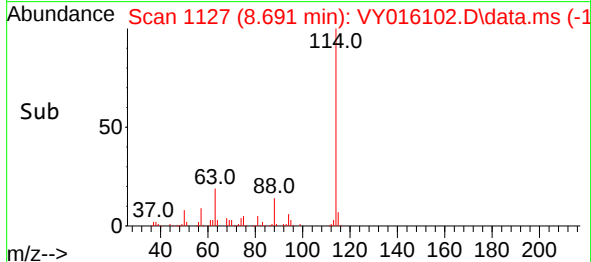
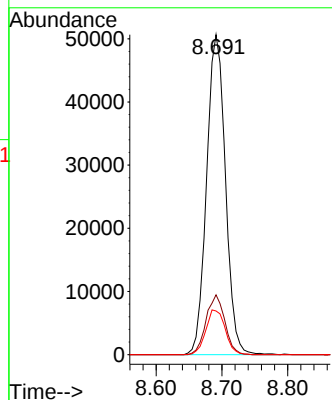
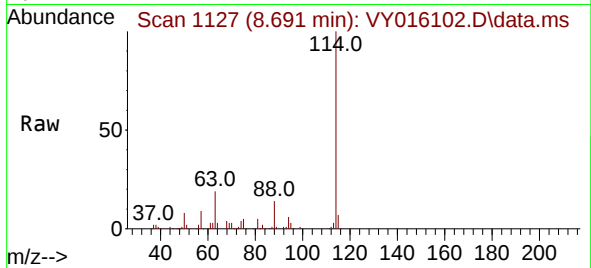




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

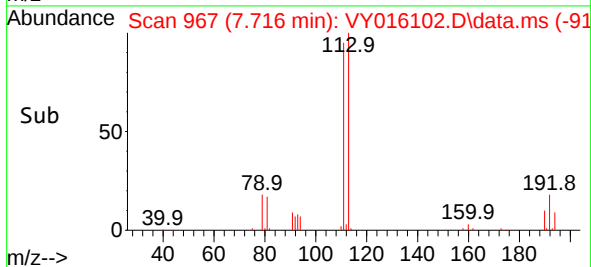
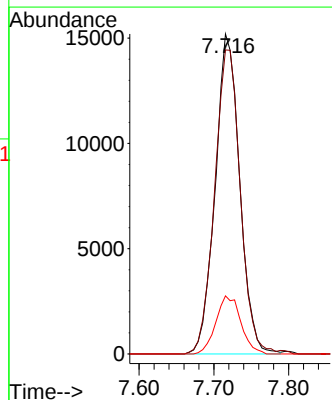
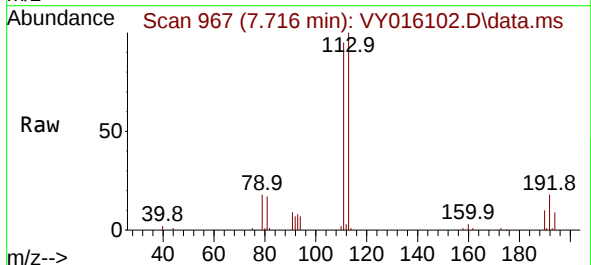
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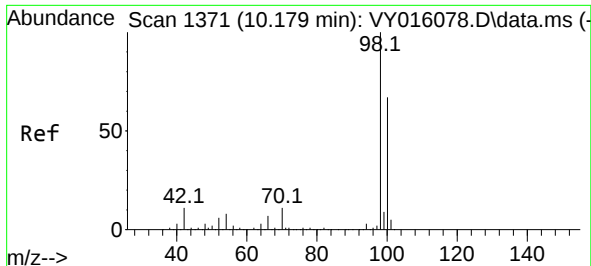
Tgt Ion:	114	Resp:	101081
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	42.4
88	13.6	0.0	30.6



#35
Dibromofluoromethane
Concen: 54.201 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

Tgt Ion:	113	Resp:	34587
Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.3	121.9
192	18.5	16.9	25.3

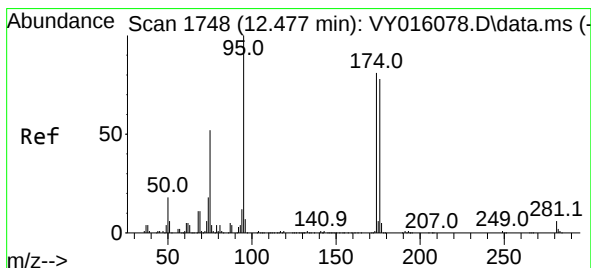
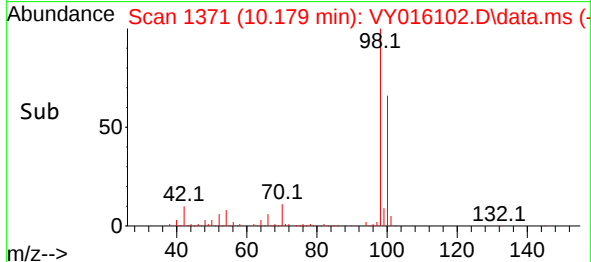
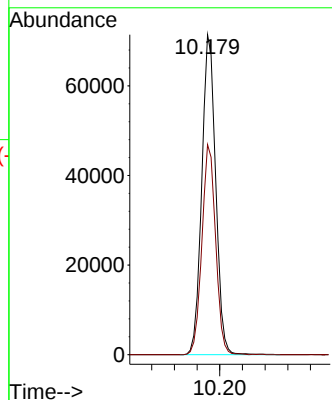
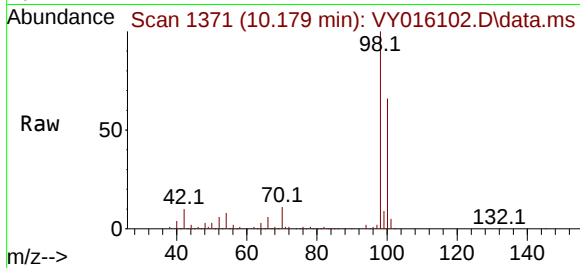




#50
Toluene-d8
Concen: 51.372 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

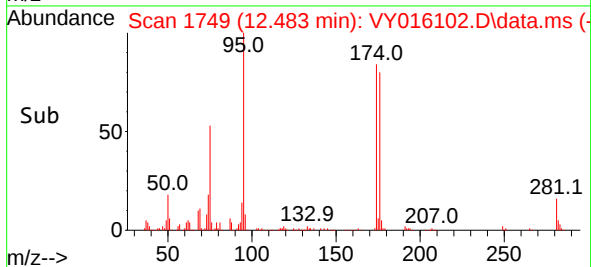
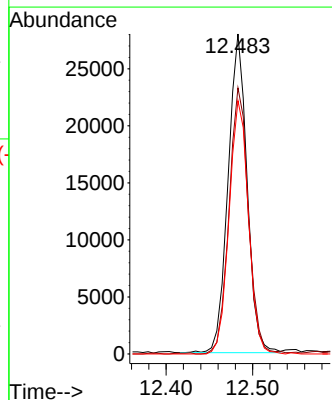
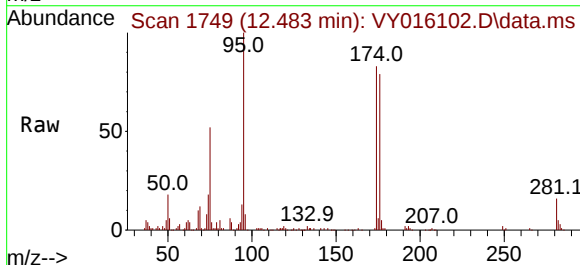
Instrument :
MSVOA_Y
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OR-02-102523

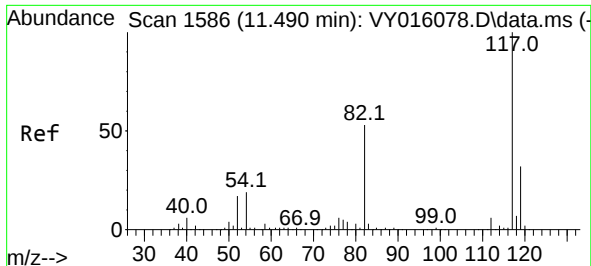
Tgt Ion: 98 Resp: 121429
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.483 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

Tgt Ion: 95 Resp: 42554
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 80.8 0.0 173.8

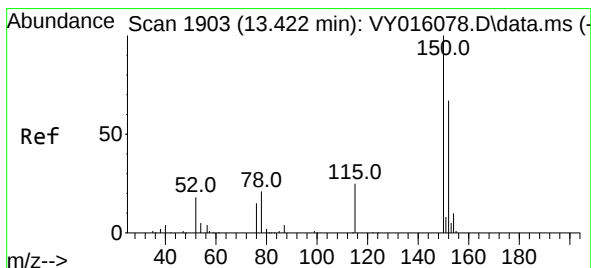
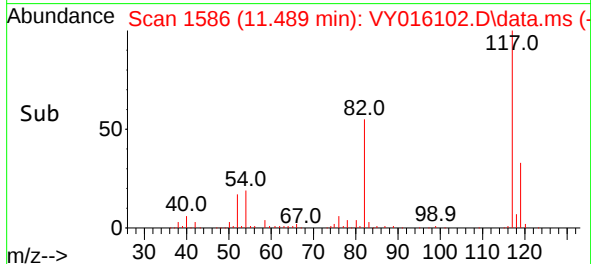
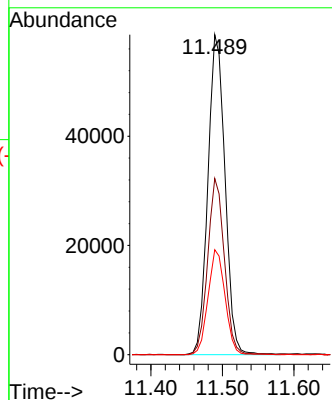
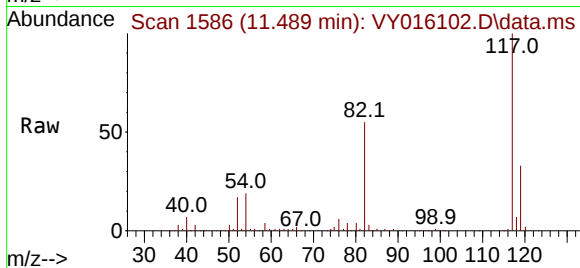




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-102523

Tgt Ion:117 Resp: 97340
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.0
119 32.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY016102.D
Acq: 27 Oct 2023 13:59

Tgt Ion:152 Resp: 47054
Ion Ratio Lower Upper
152 100
115 55.9 28.8 86.5
150 154.8 0.0 348.8

