

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016969.D
 Acq On : 10 Jan 2024 13:40
 Operator : SY/MD
 Sample : P1085-05
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jan 11 00:11:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	57952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	101835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	79487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	22619	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	18054	31.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.040%
35) Dibromofluoromethane	7.734	113	22851	35.213	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.420%
50) Toluene-d8	10.191	98	87796	39.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.580%
62) 4-Bromofluorobenzene	12.495	95	19470	25.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.640%

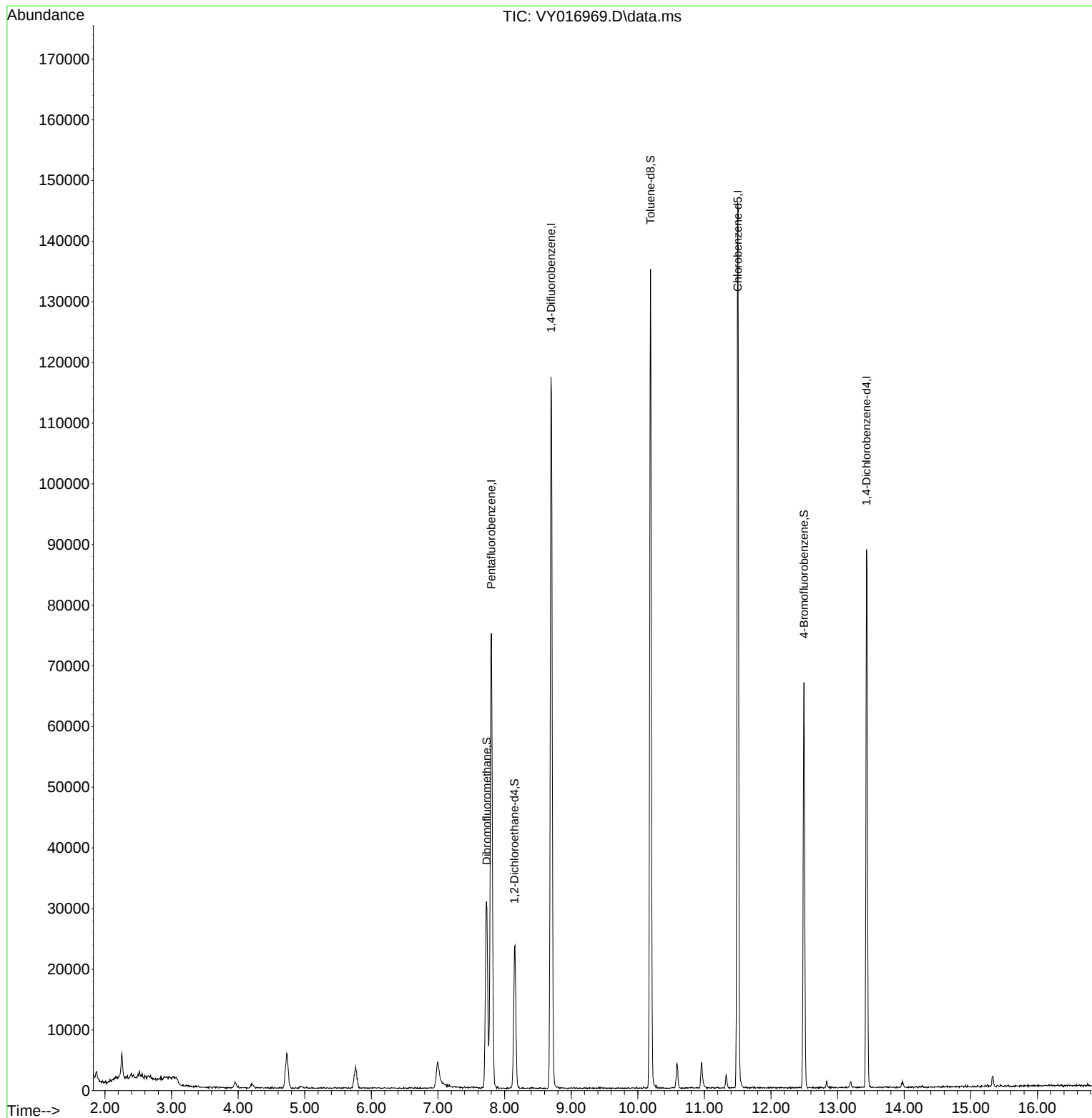
Target Compounds	Qvalue

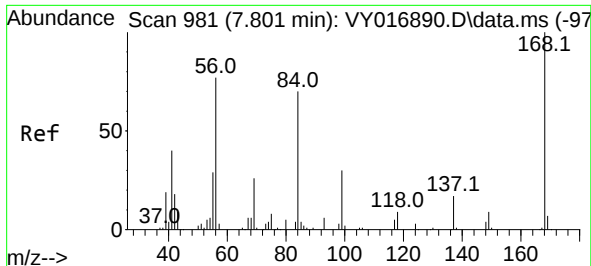
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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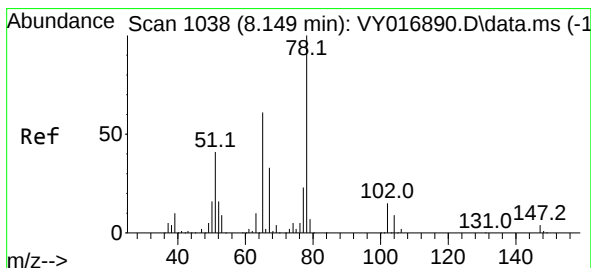
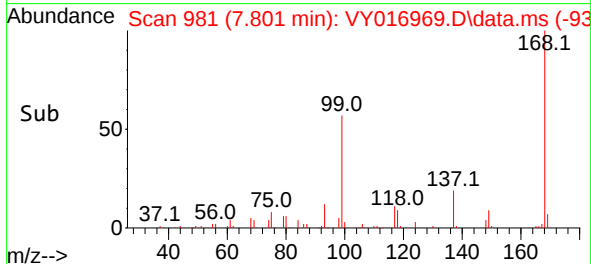
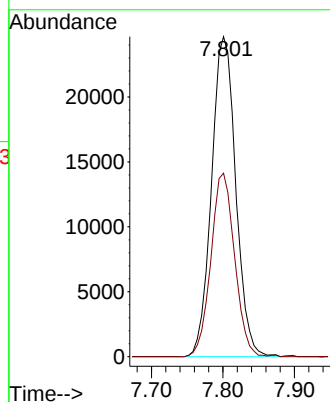
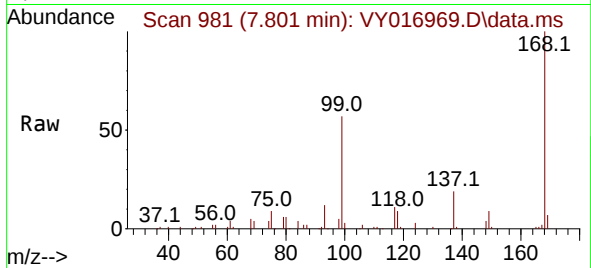




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

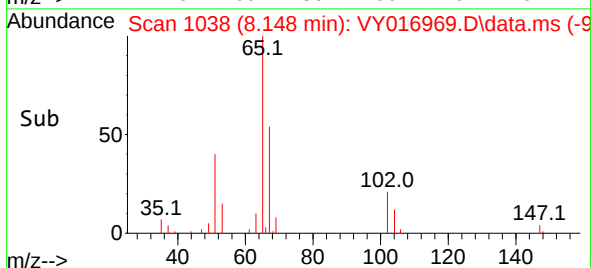
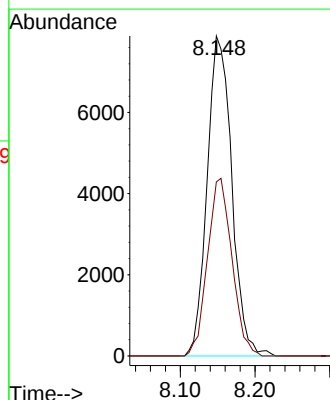
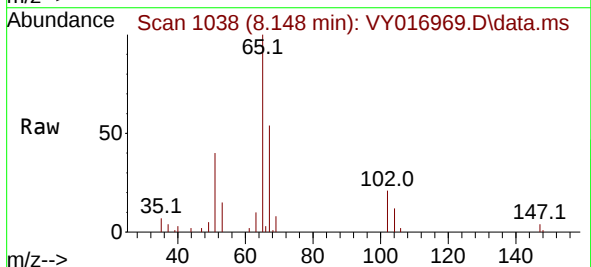
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

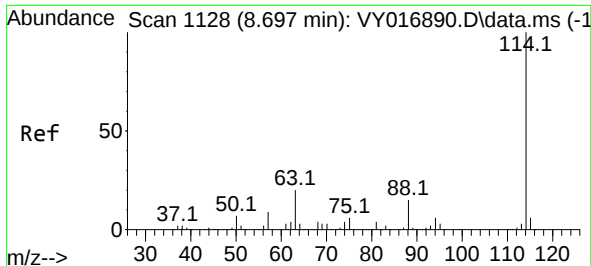
Tgt Ion:168 Resp: 57952
Ion Ratio Lower Upper
168 100
99 57.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 31.520 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

Tgt Ion: 65 Resp: 18054
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0

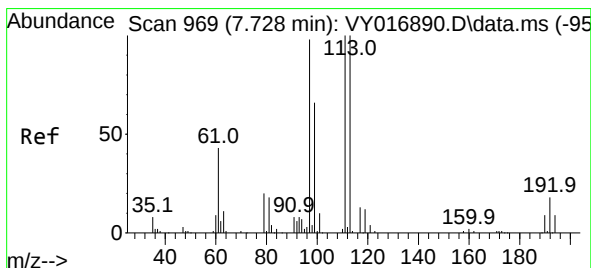
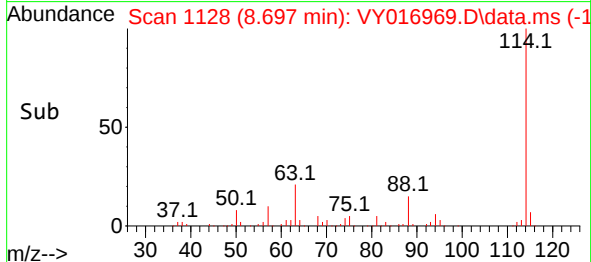
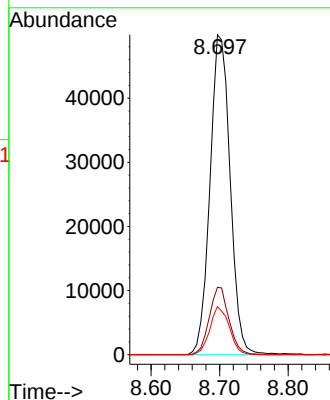
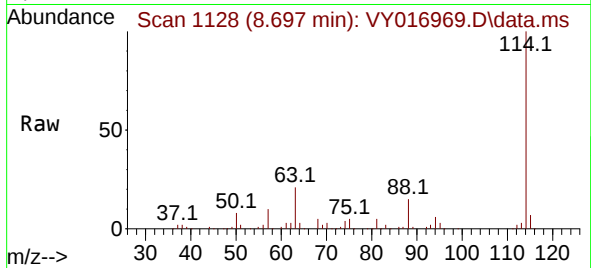




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

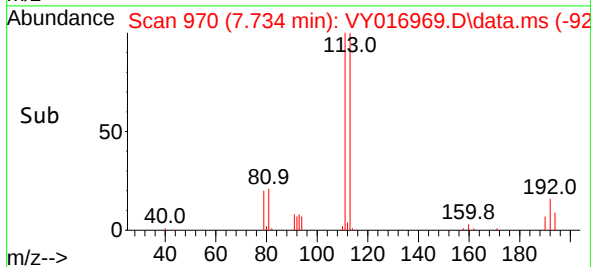
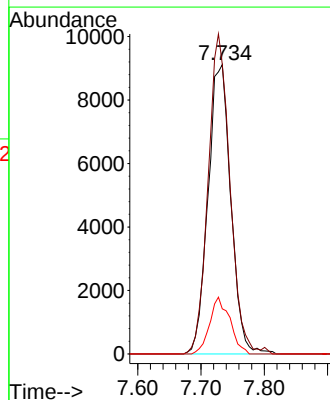
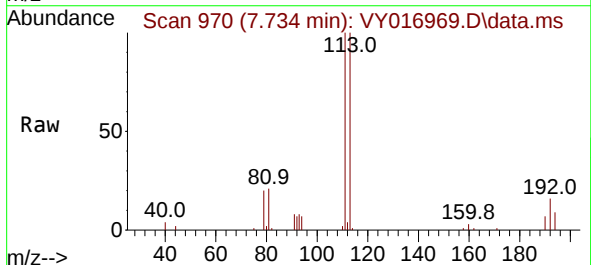
Instrument :
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ClientSampleId :
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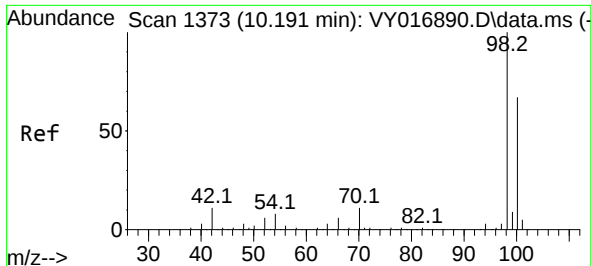
Tgt Ion:114 Resp: 101835
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.4
88 15.0 0.0 29.0



#35
Dibromofluoromethane
Concen: 35.213 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

Tgt Ion:113 Resp: 22851
Ion Ratio Lower Upper
113 100
111 106.0 83.8 125.6
192 17.5 14.5 21.7

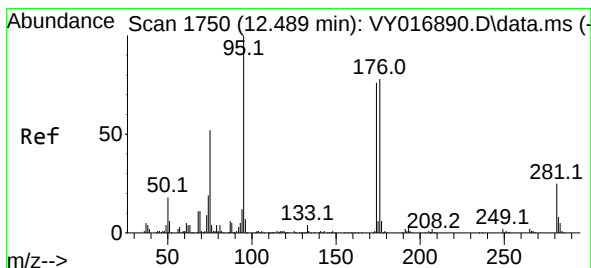
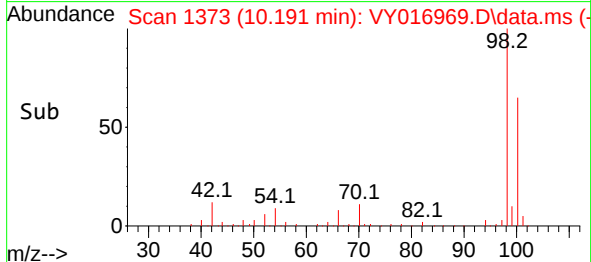
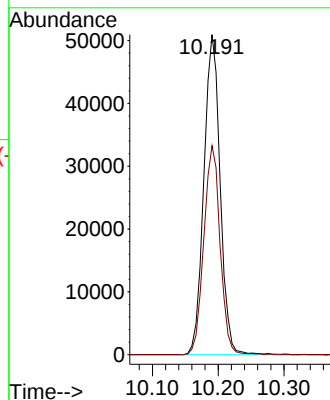
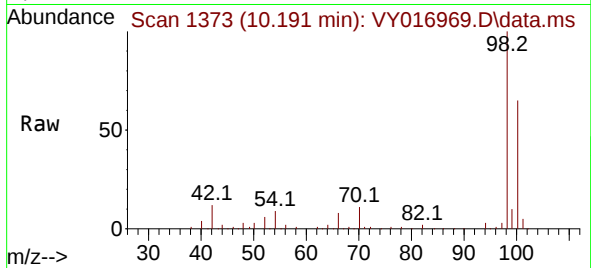




#50
Toluene-d8
Concen: 39.289 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

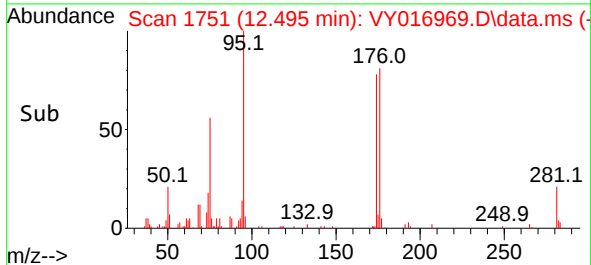
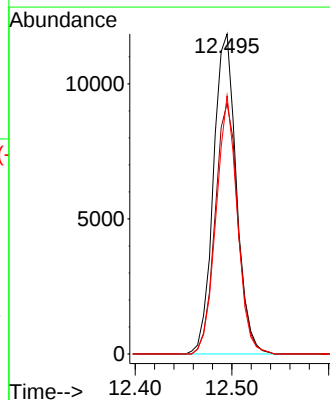
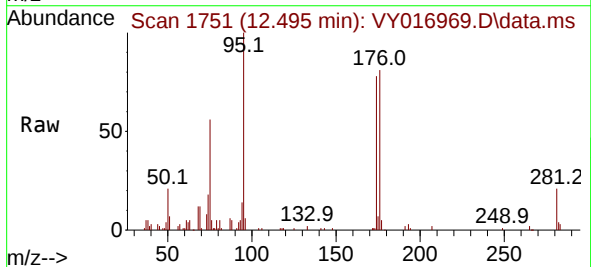
Instrument :
MSVOA_Y
ClientSampleId :
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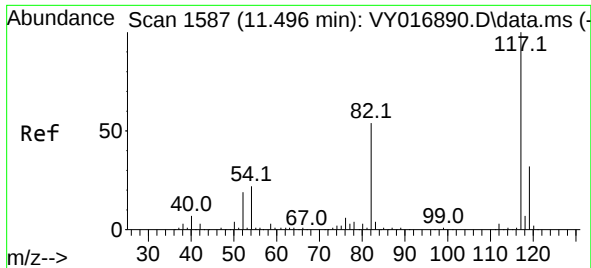
Tgt Ion: 98 Resp: 87796
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 25.825 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

Tgt Ion: 95 Resp: 19470
Ion Ratio Lower Upper
95 100
174 78.3 0.0 160.0
176 74.7 0.0 151.8

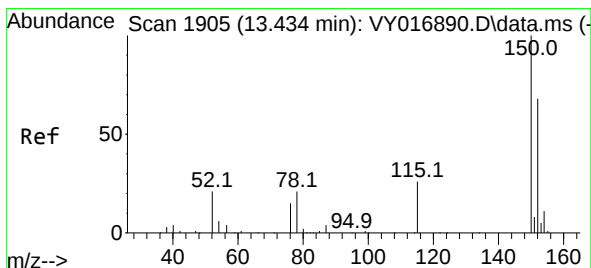
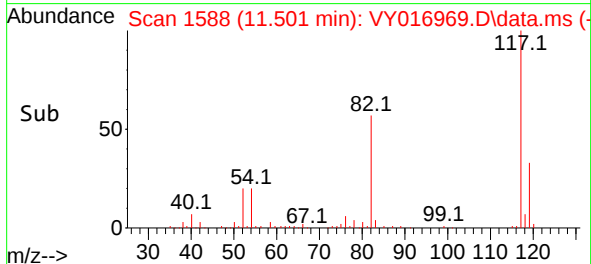
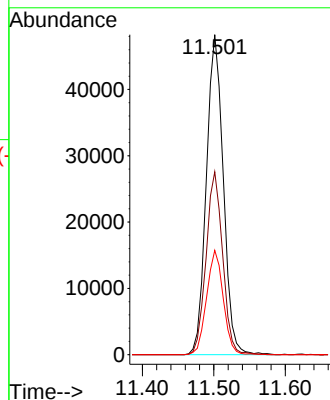
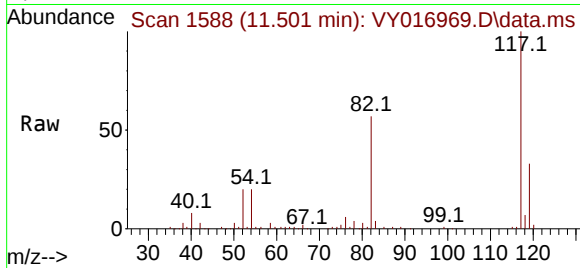




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 79487
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016969.D
Acq: 10 Jan 2024 13:40

Tgt Ion:152 Resp: 22619
Ion Ratio Lower Upper
152 100
115 61.0 30.0 90.0
150 159.6 0.0 344.6

