

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016274.D
 Acq On : 09 Nov 2023 12:16
 Operator : SY/MD
 Sample : 05317-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 208

Quant Time: Nov 09 22:56:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	103618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	182294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	175039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	80435	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	64707	68.326	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.660%
35) Dibromofluoromethane	7.728	113	56380	54.445	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.880%
50) Toluene-d8	10.191	98	216065	51.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.900%
62) 4-Bromofluorobenzene	12.489	95	74615	54.708	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.420%

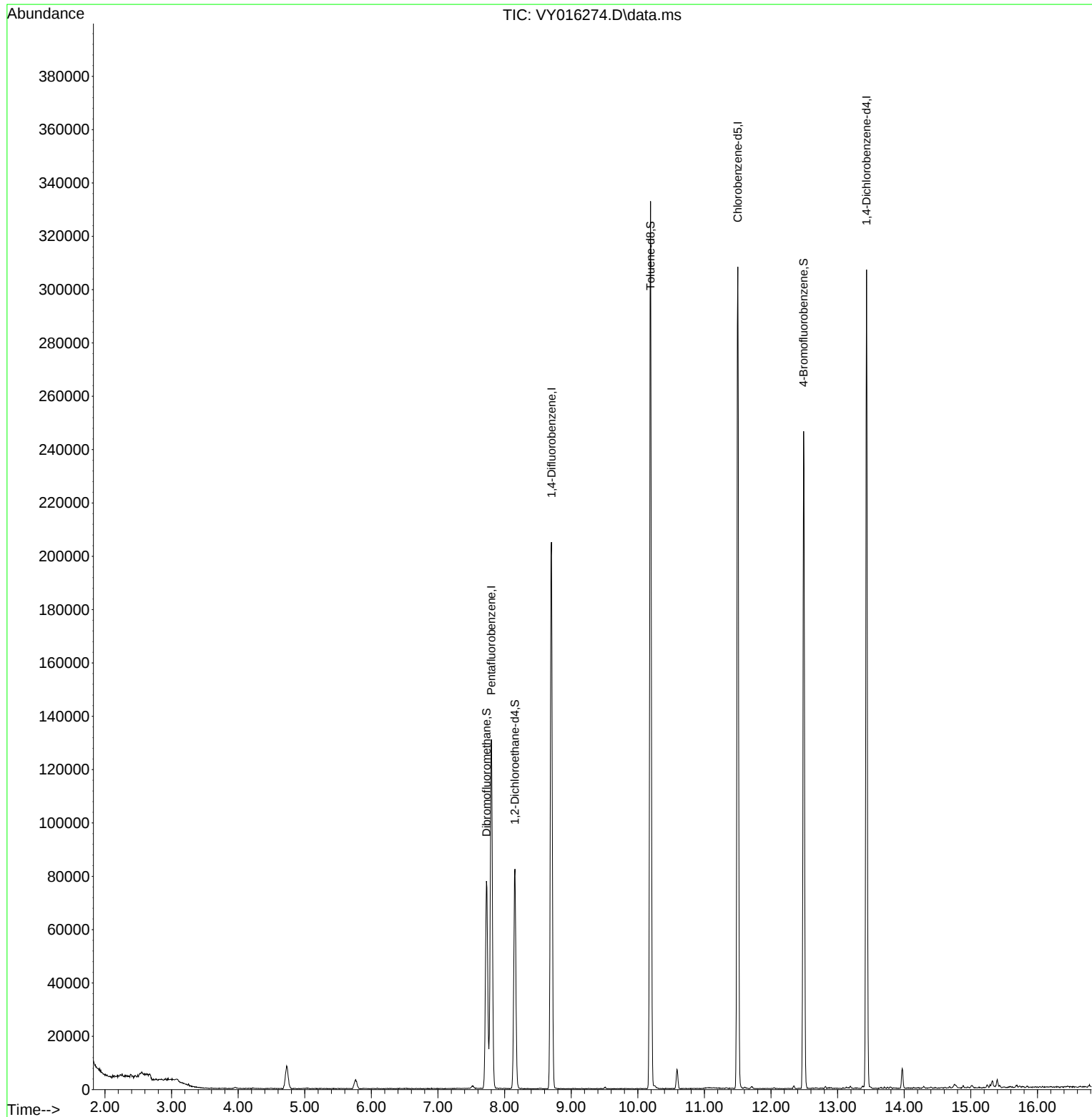
Target Compounds	Qvalue

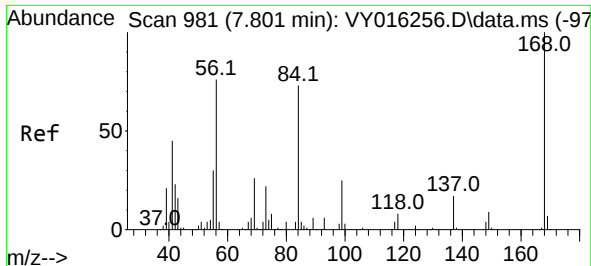
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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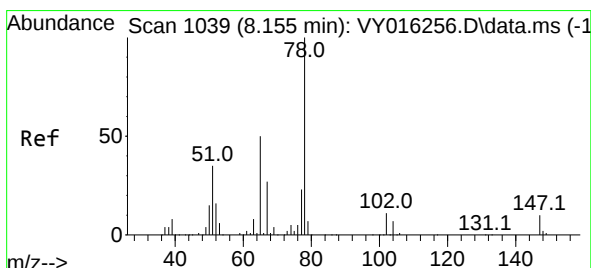
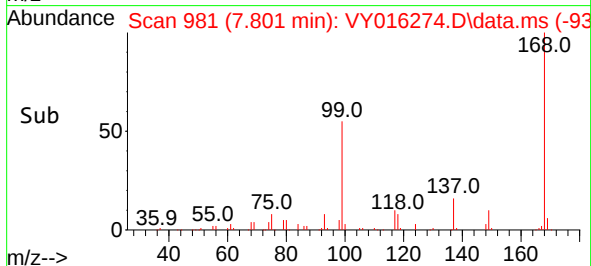
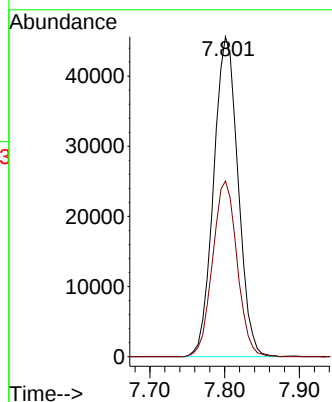
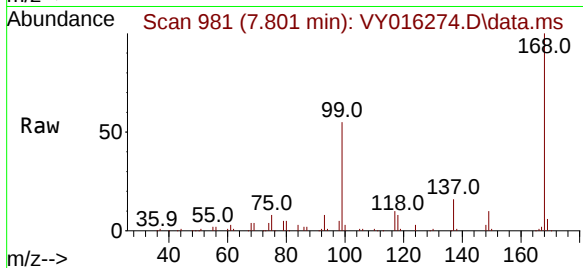




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

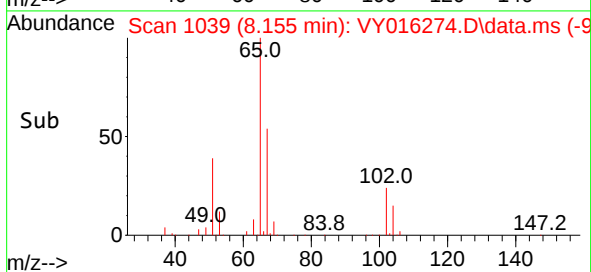
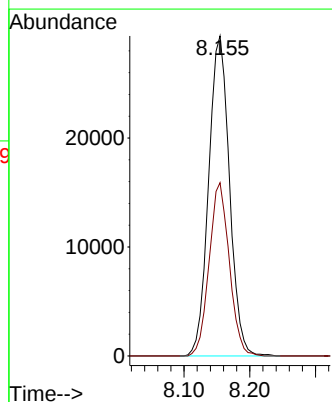
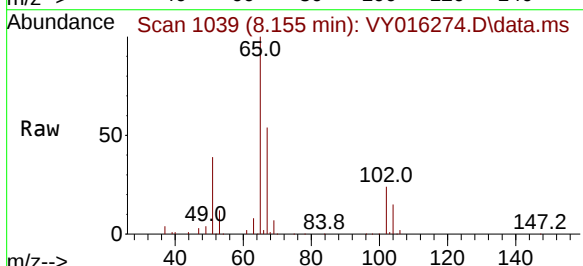
Instrument :
MSVOA_Y
ClientSampleId :
208

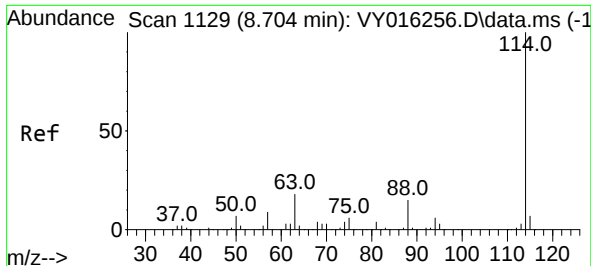
Tgt Ion:168 Resp: 103618
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.326 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion: 65 Resp: 64707
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.8

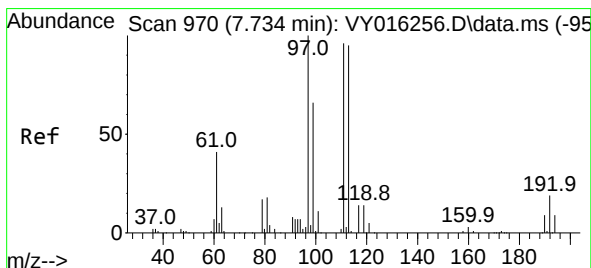
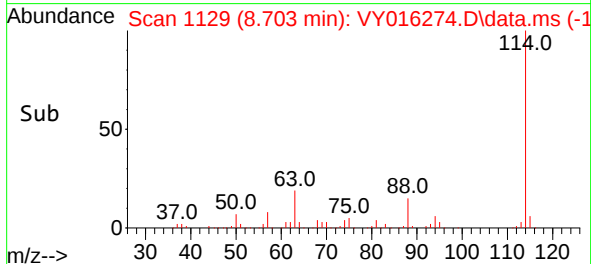
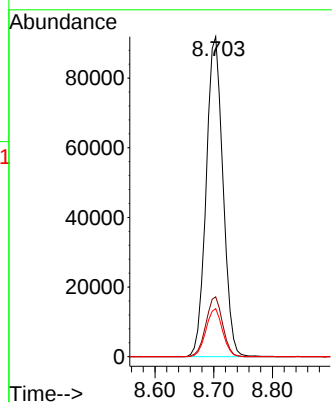
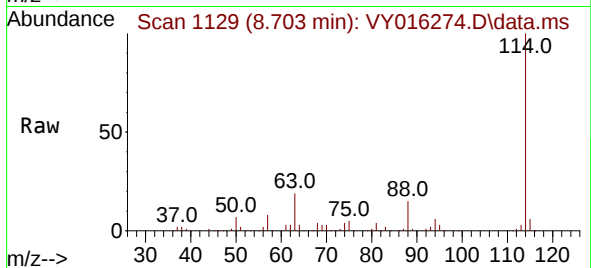




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

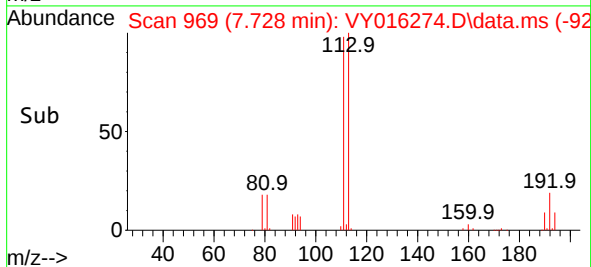
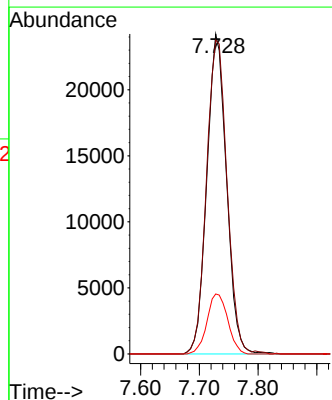
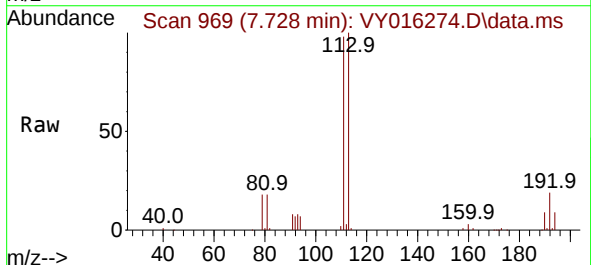
Instrument :
MSVOA_Y
ClientSampleId :
208

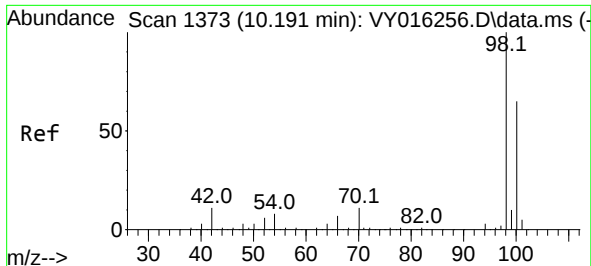
Tgt Ion:114 Resp: 182294
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.445 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion:113 Resp: 56380
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

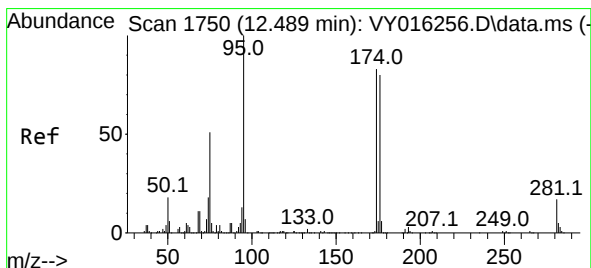
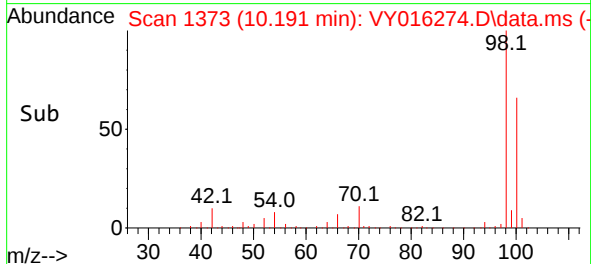
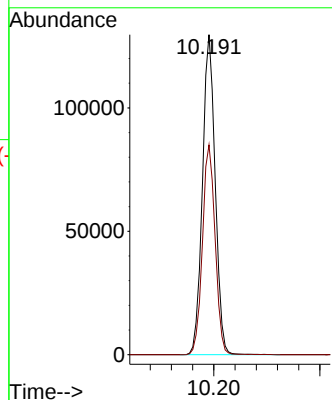
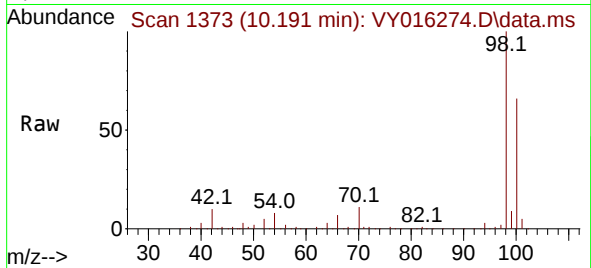




#50
Toluene-d8
Concen: 51.452 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

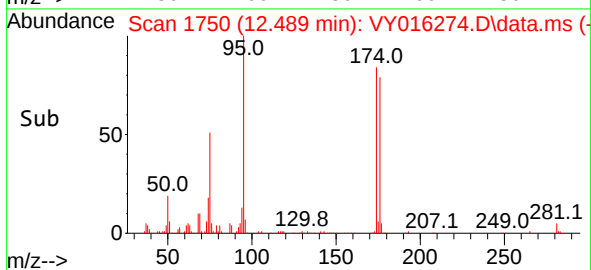
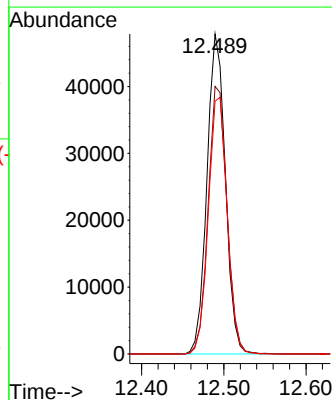
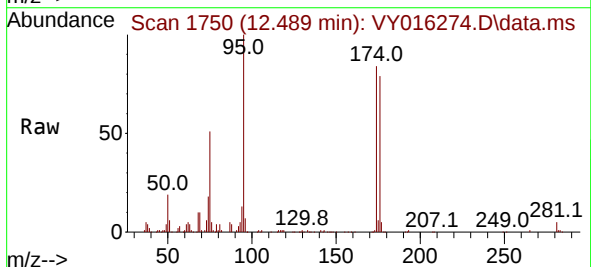
Instrument :
MSVOA_Y
ClientSampleId :
208

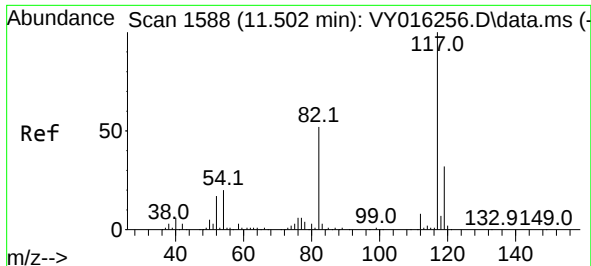
Tgt Ion: 98 Resp: 216065
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.708 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion: 95 Resp: 74615
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.5 0.0 173.8

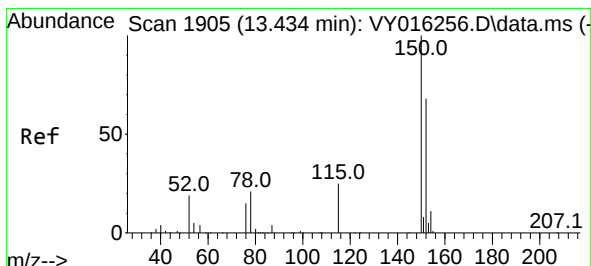
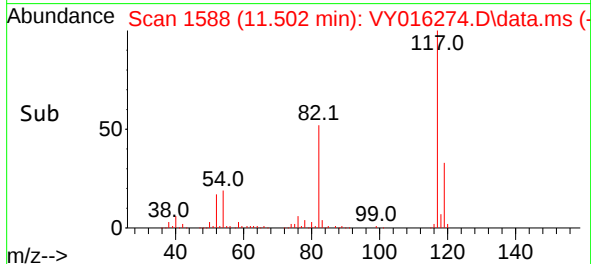
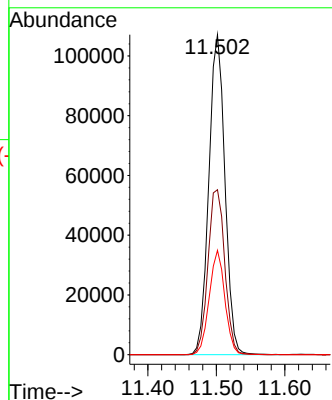
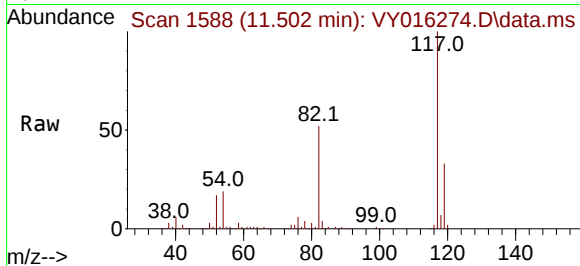




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Instrument :
MSVOA_Y
ClientSampleId :
208

Tgt Ion:117 Resp: 175039
Ion Ratio Lower Upper
117 100
82 51.6 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016274.D
Acq: 09 Nov 2023 12:16

Tgt Ion:152 Resp: 80435
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 155.5 0.0 348.8

