

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016491.D
 Acq On : 24 Nov 2023 17:49
 Operator : SY/MD
 Sample : 05434-08
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Nov 27 04:48:39 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	7.807	168	95907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	168193	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	160847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	56078	63.976	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.960%
35) Dibromofluoromethane	7.740	113	53254	55.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.480%
50) Toluene-d8	10.197	98	195953	50.575	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.496	95	64289	51.088	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.180%

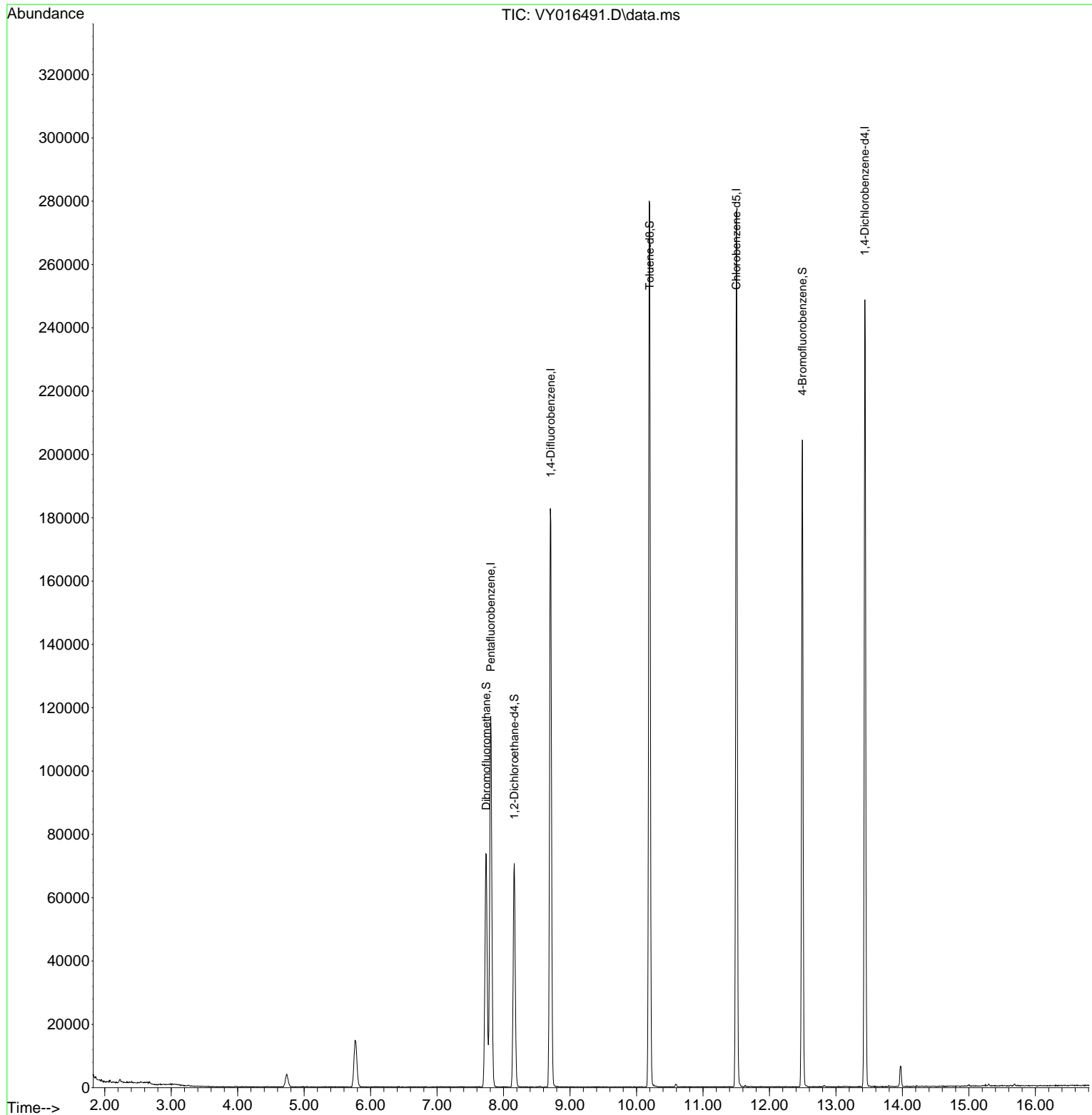
Target Compounds Qvalue

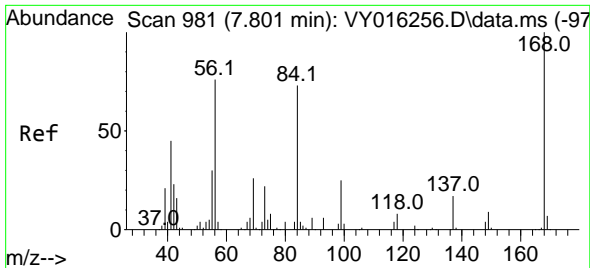
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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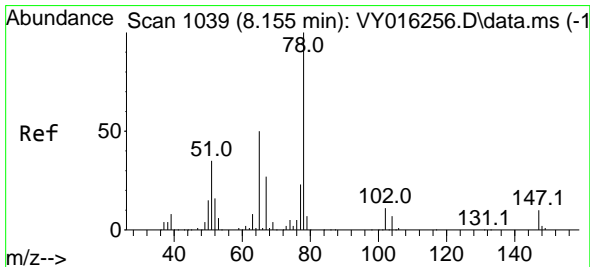
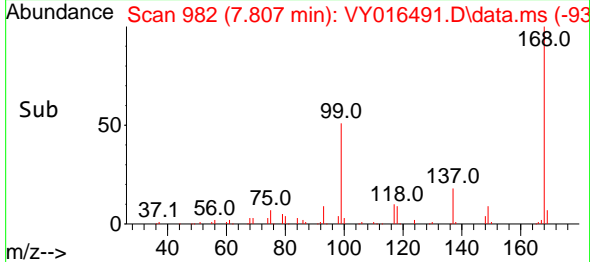
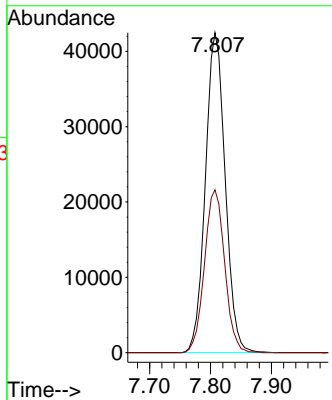
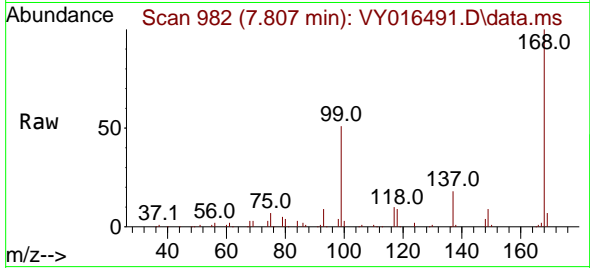




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.807 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

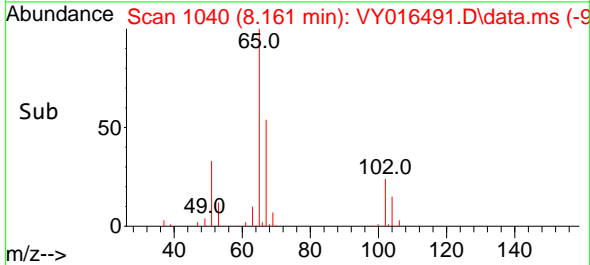
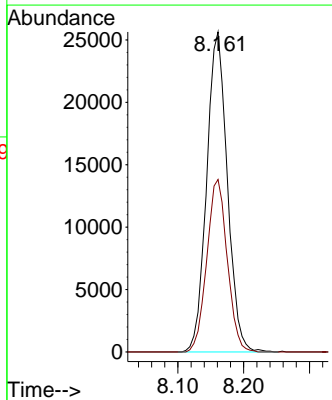
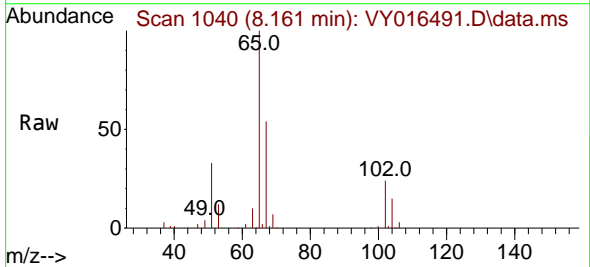
Instrument : MSVOA_Y
 ClientSampleId :
 COMP-4

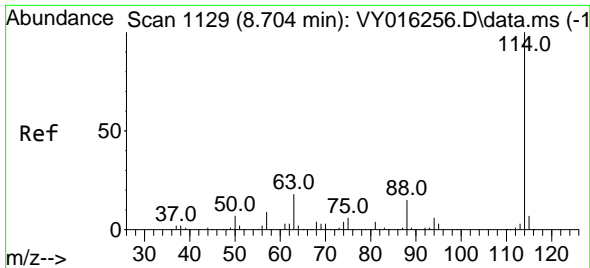
Tgt Ion:168 Resp: 95907
 Ion Ratio Lower Upper
 168 100
 99 50.9 43.4 65.0



#33
 1,2-Dichloroethane-d4
 Concen: 63.976 ug/l
 RT: 8.161 min Scan# 1040
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

Tgt Ion: 65 Resp: 56078
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.8

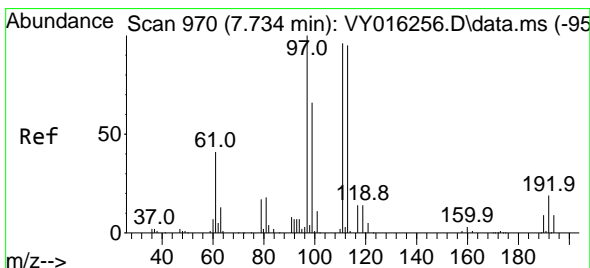
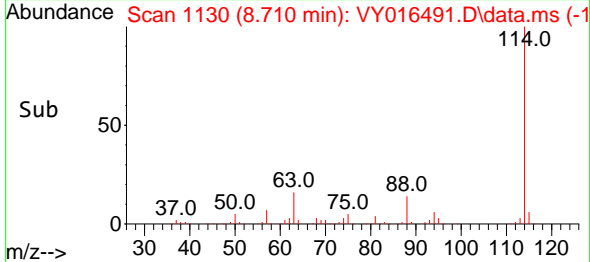
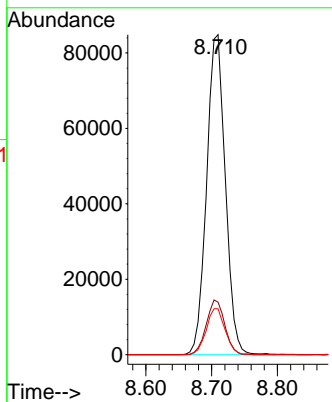
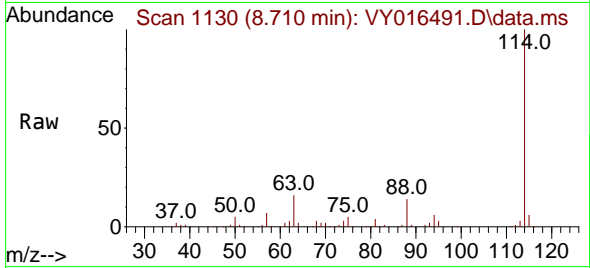




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 11130
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

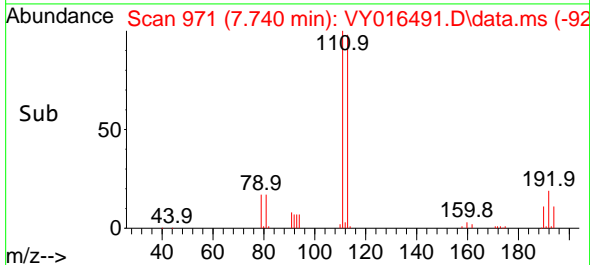
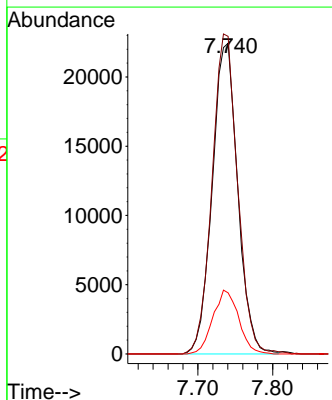
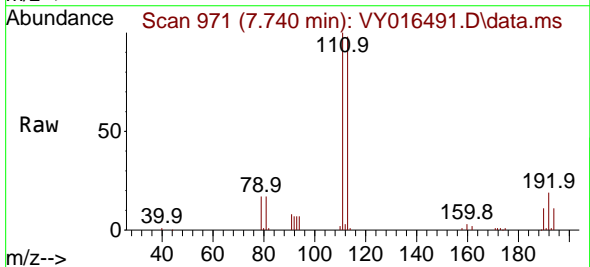
Instrument : MSVOA_Y
 ClientSampleId : VY016491.D
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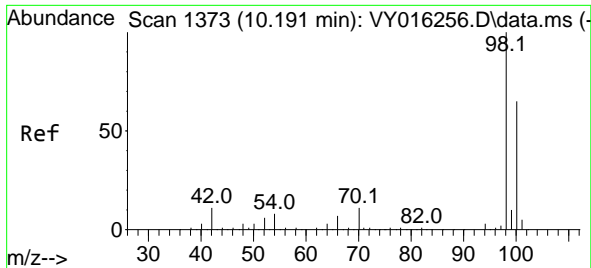
Tgt Ion	Resp	Lower	Upper
114	168193		
63	16.4	0.0	42.4
88	14.4	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 55.738 ug/l
 RT: 7.740 min Scan# 971
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

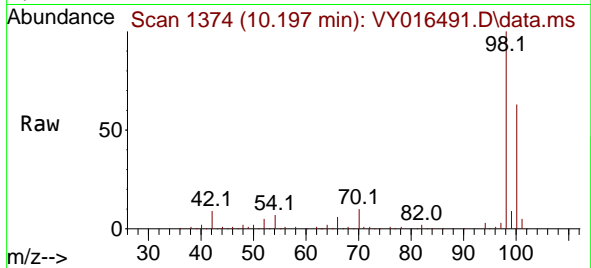
Tgt Ion	Resp	Lower	Upper
113	53254		
111	102.9	81.3	121.9
192	20.7	16.9	25.3



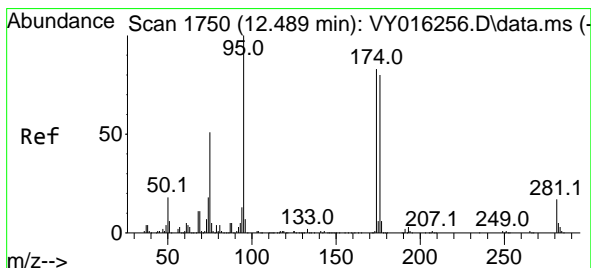
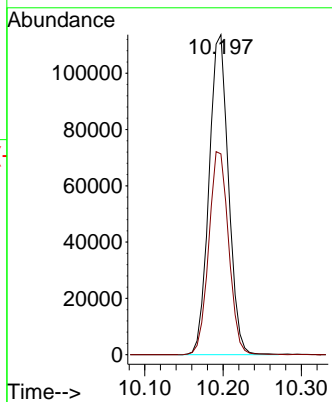
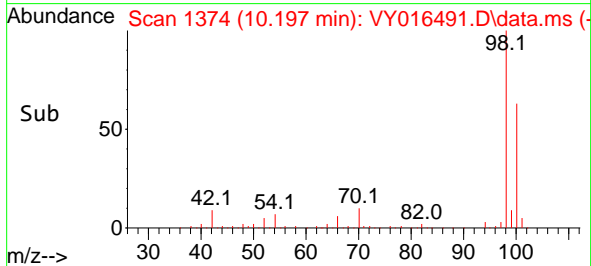


#50
 Toluene-d8
 Concen: 50.575 ug/l
 RT: 10.197 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

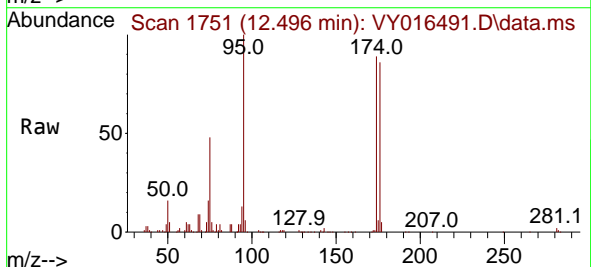
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4



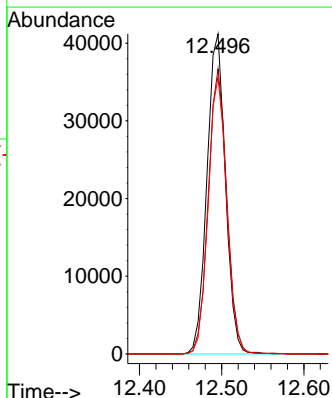
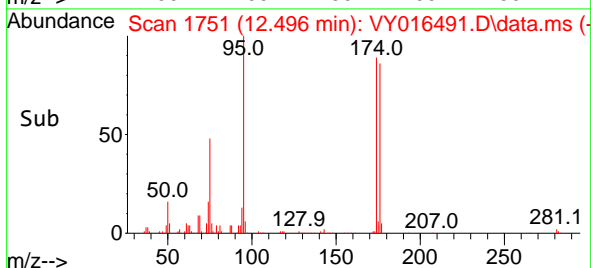
Tgt Ion: 98 Resp: 195953
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.1 75.1

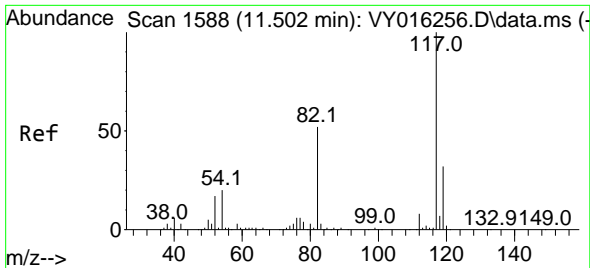


#62
 4-Bromofluorobenzene
 Concen: 51.088 ug/l
 RT: 12.496 min Scan# 1751
 Delta R.T. 0.006 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49



Tgt Ion: 95 Resp: 64289
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 178.2
 176 86.9 0.0 173.8

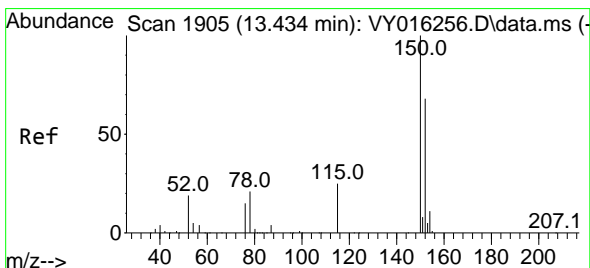
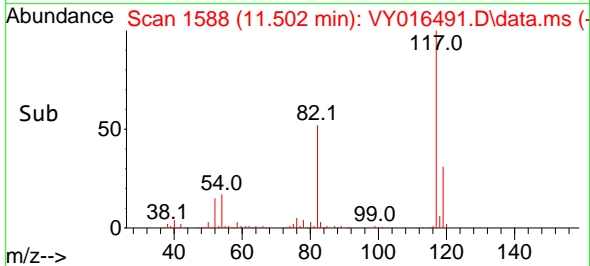
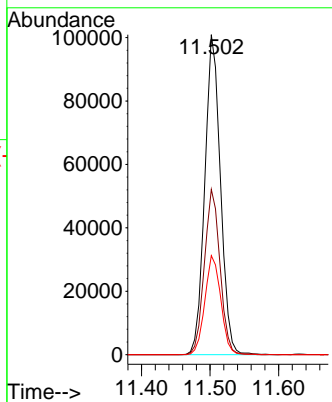
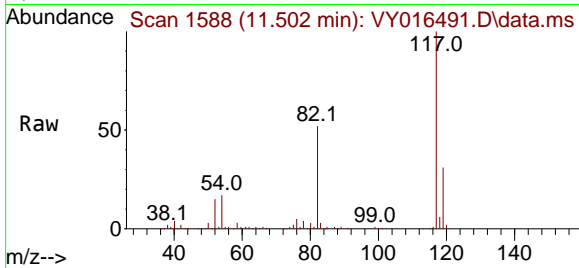




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.502 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VY016491.D
 Acq: 24 Nov 2023 17:49

Instrument : MSVOA_Y
 ClientSampleId : VY016491.D
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Tgt Ion	Resp	Lower	Upper
117	160847		
82	51.6	43.4	65.0
119	30.9	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: VY016491.D
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Tgt Ion	Resp	Lower	Upper
152	68715		
115	56.7	28.8	86.5
150	157.5	0.0	348.8

