

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010914.D
 Acq On : 11 Oct 2022 14:02
 Operator : KP/MD
 Sample : N5047-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 OR-3-100622

Quant Time: Oct 12 04:45:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards					
1) Pentafluorobenzene	7.789	168	254202	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	430320	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.490	117	361286	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137841	50.000 ug/l	0.00

System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.137	65	149767	58.125 ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery =	116.240%
35) Dibromofluoromethane	7.716	113	148254	51.901 ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery =	103.800%
50) Toluene-d8	10.179	98	520295	53.260 ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery =	106.520%
62) 4-Bromofluorobenzene	12.483	95	157053	40.448 ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery =	80.900%

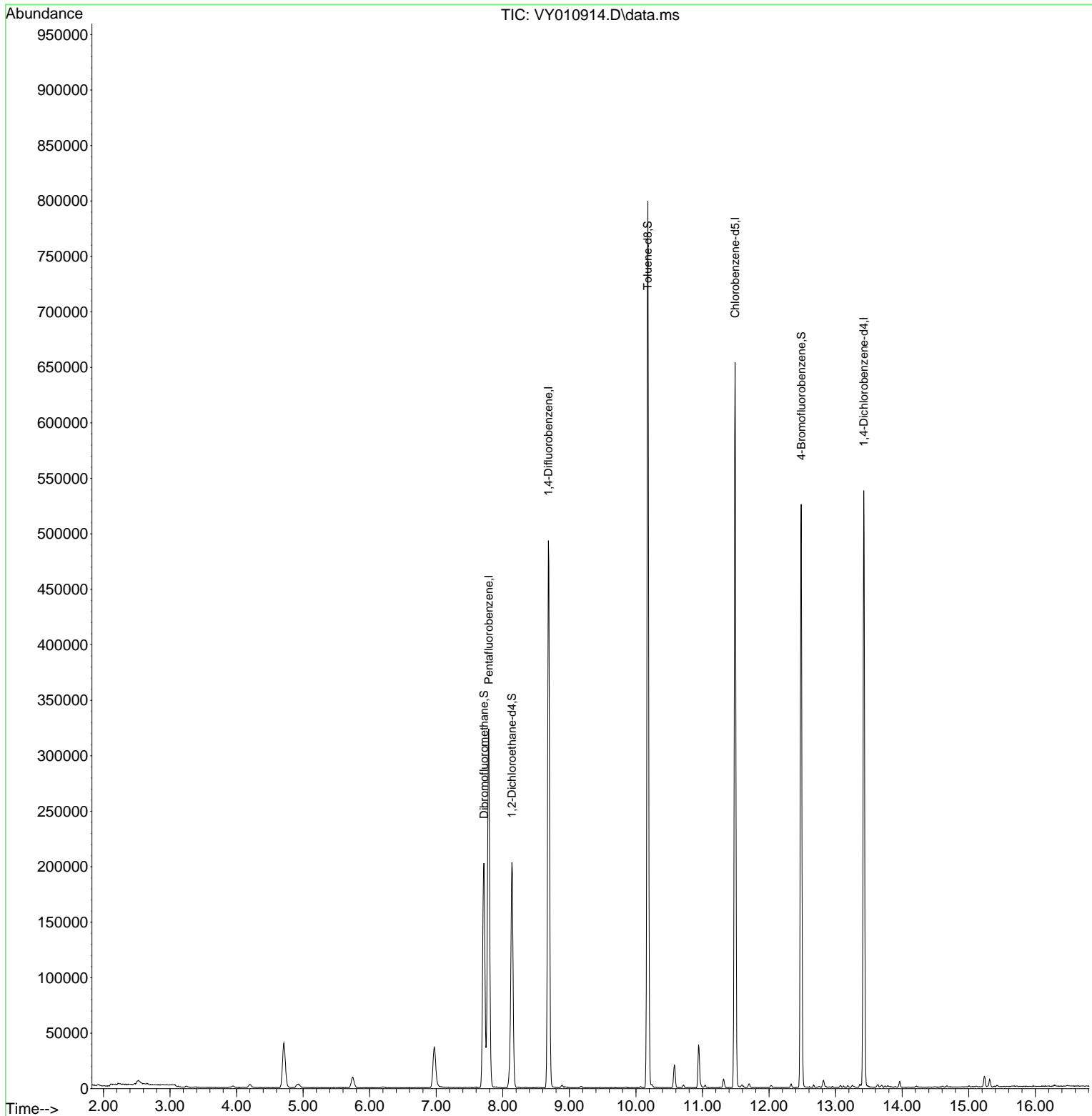
Target Compounds Qvalue

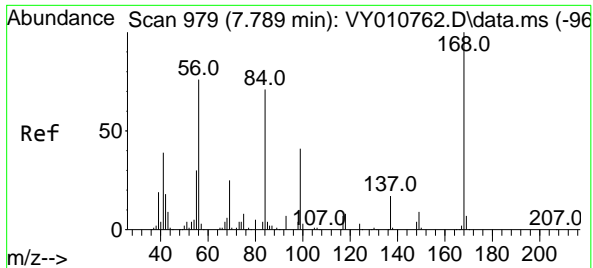
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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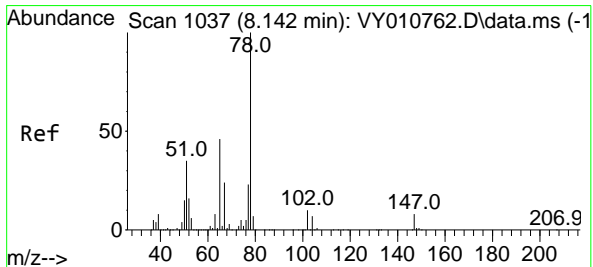
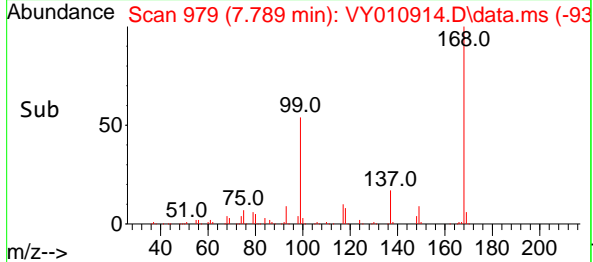
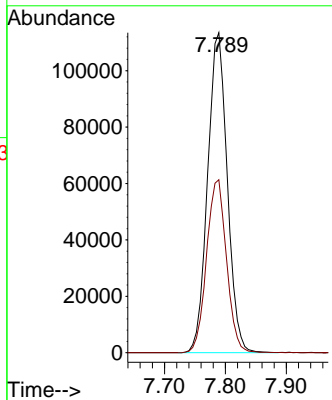
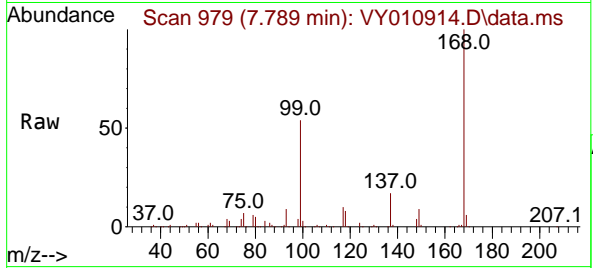




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

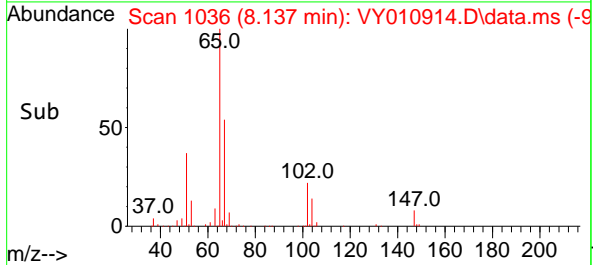
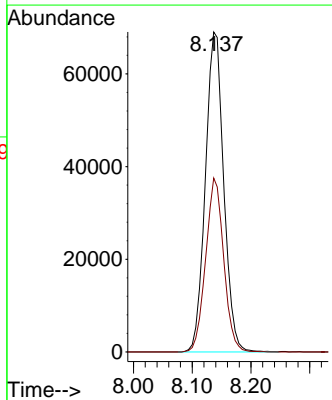
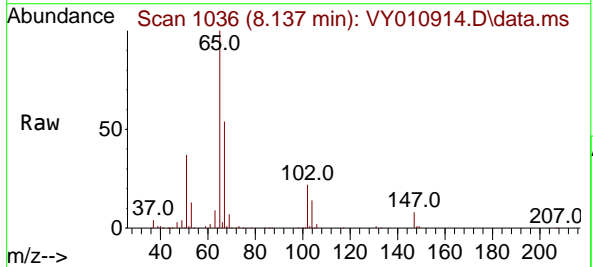
Instrument : MSVOA_Y
 ClientSampleId : OR-3-100622

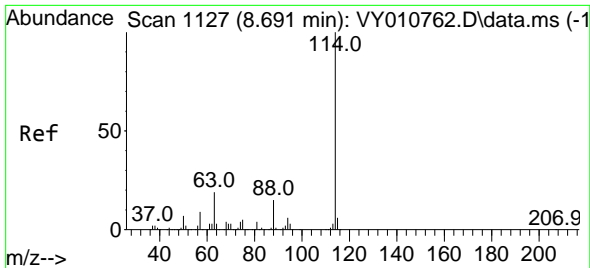
Tgt Ion:168 Resp: 254202
 Ion Ratio Lower Upper
 168 100
 99 54.0 46.9 70.3



#33
 1,2-Dichloroethane-d4
 Concen: 58.125 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.005 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

Tgt Ion: 65 Resp: 149767
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 99.4

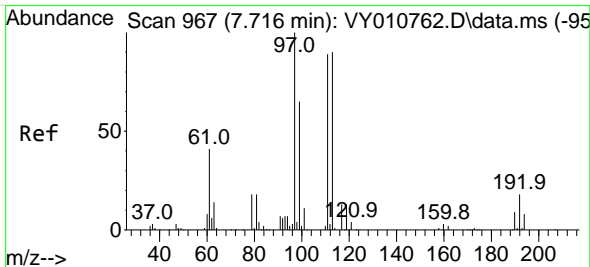
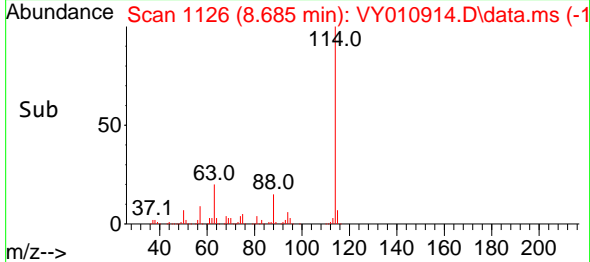
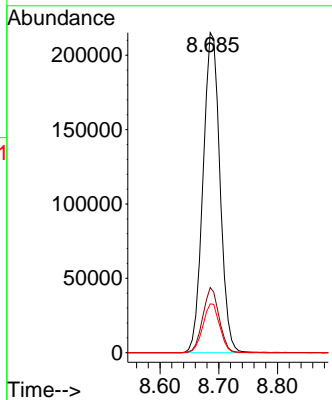
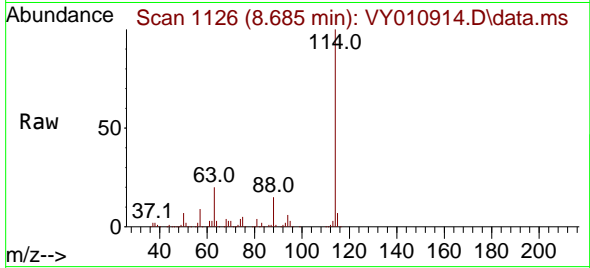




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

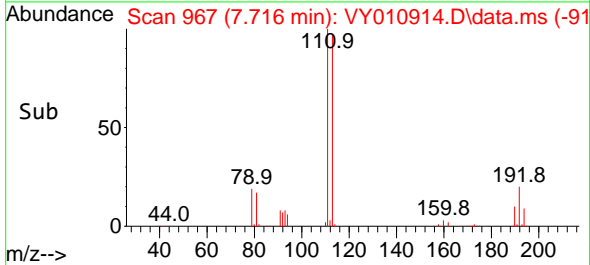
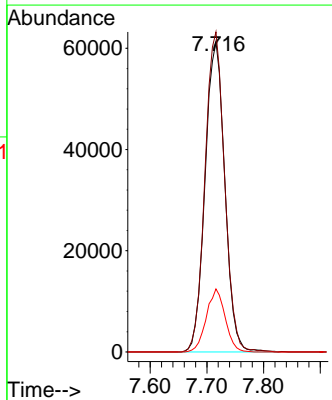
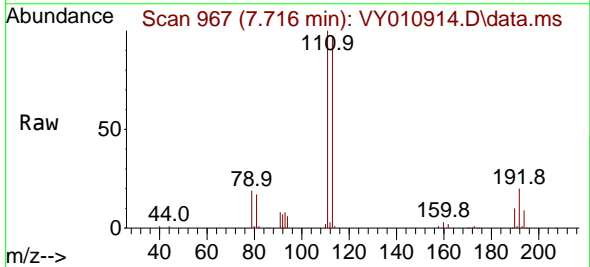
Instrument : MSVOA_Y
 ClientSampleId : OR-3-100622

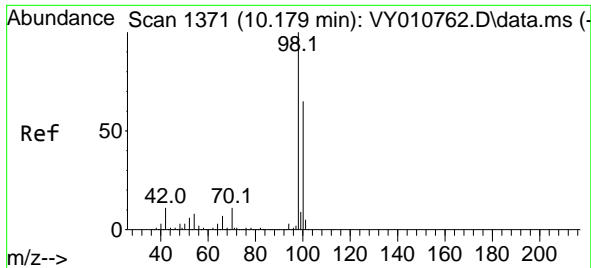
Tgt Ion	Resp	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	15.2	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 51.901 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	19.4	17.6	26.4

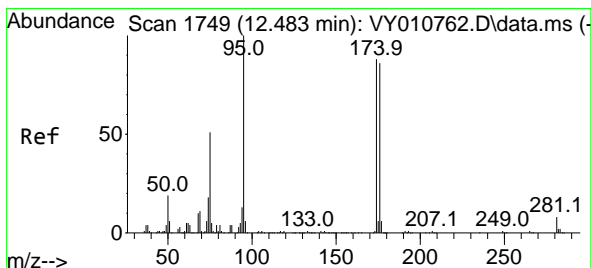
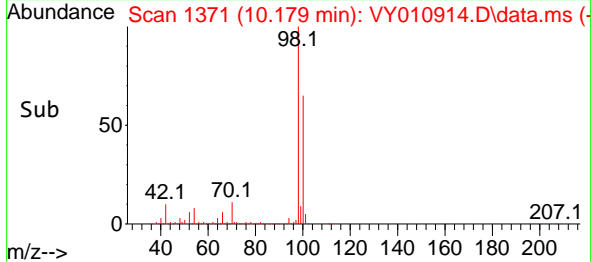
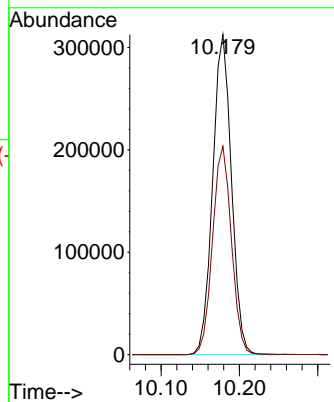
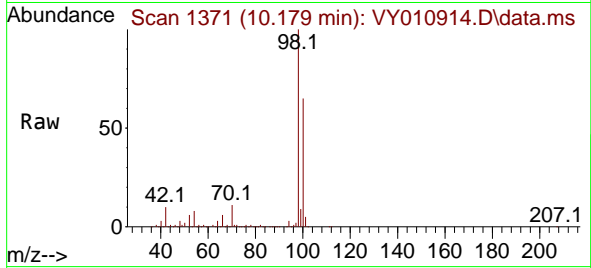




#50
 Toluene-d8
 Concen: 53.260 ug/l
 RT: 10.179 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

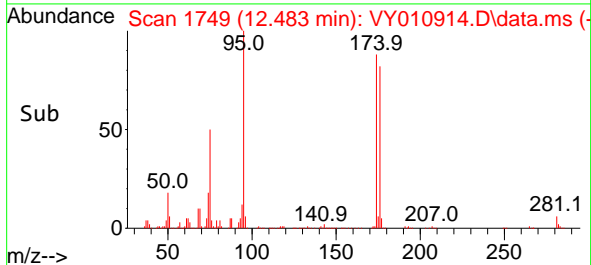
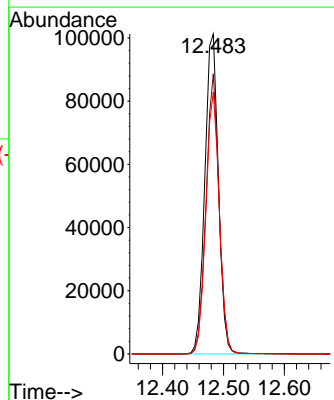
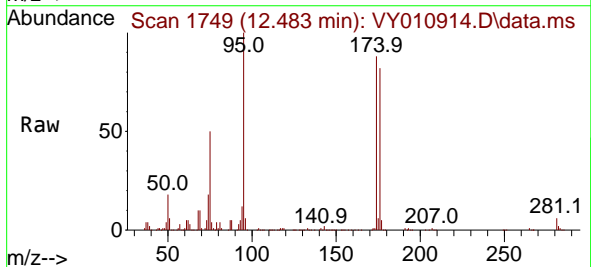
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-100622

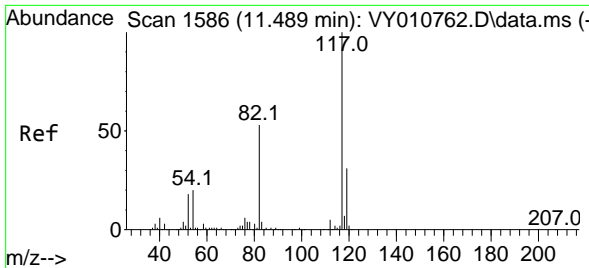
Tgt Ion: 98 Resp: 520295
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.2 75.2



#62
 4-Bromofluorobenzene
 Concen: 40.448 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

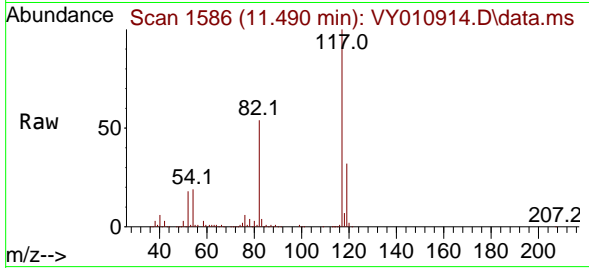
Tgt Ion: 95 Resp: 157053
 Ion Ratio Lower Upper
 95 100
 174 84.5 0.0 177.0
 176 81.0 0.0 175.8





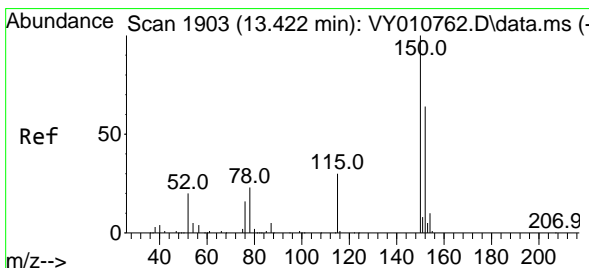
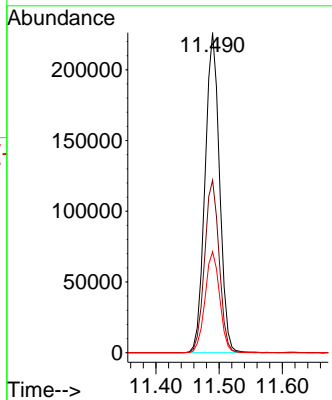
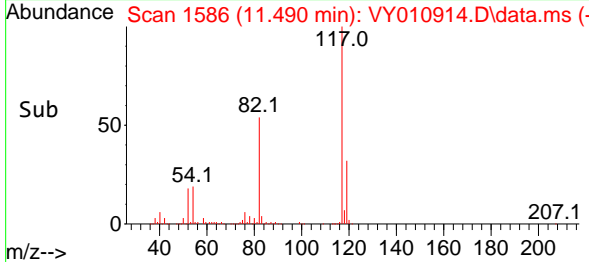
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.490 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02

Instrument : MSVOA_Y
 ClientSampleId : OR-3-100622

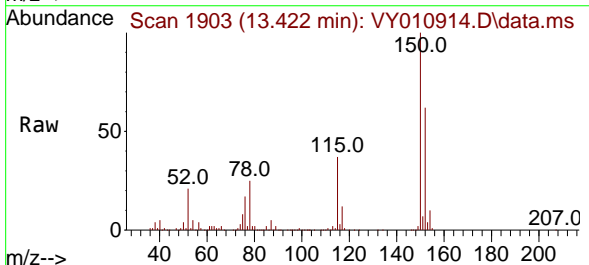


Tgt Ion:117 Resp: 361286

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.6	25.4	38.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010914.D
 Acq: 11 Oct 2022 14:02



Tgt Ion:152 Resp: 137841

Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.2	84.7
150	159.3	0.0	347.6

