

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013316.D
 Acq On : 14 Apr 2023 14:10
 Operator : KP/MD
 Sample : 02224-09
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU3-FC-BACKFILL-05

Quant Time: Apr 17 02:11:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	212795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140937	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	128285	50.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.320%
35) Dibromofluoromethane	7.709	113	118023	52.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.000%
50) Toluene-d8	10.172	98	415103	49.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.200%
62) 4-Bromofluorobenzene	12.477	95	125804	46.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.540%

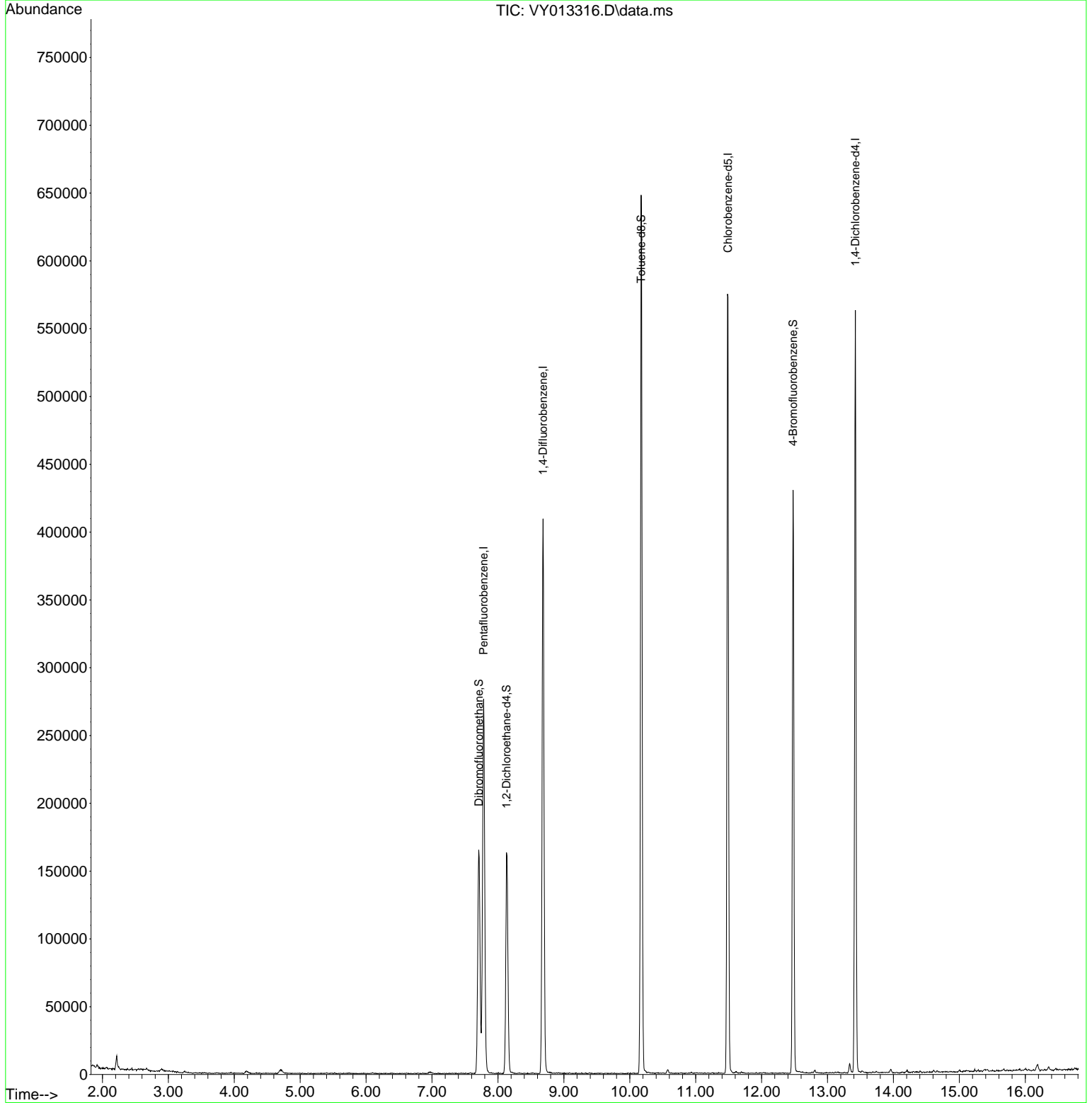
Target Compounds Qvalue

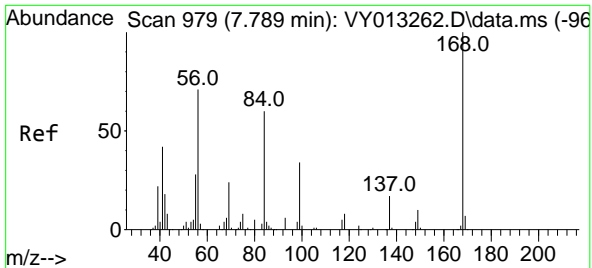
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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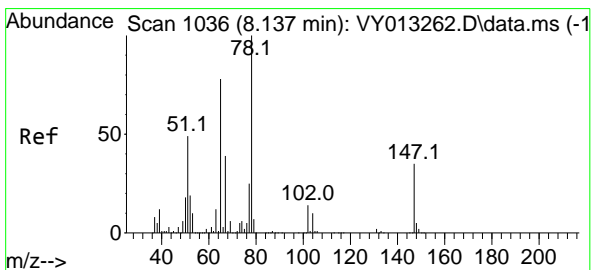
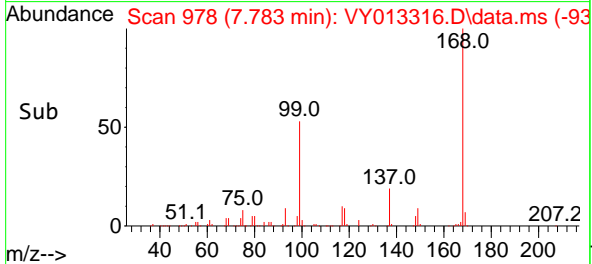
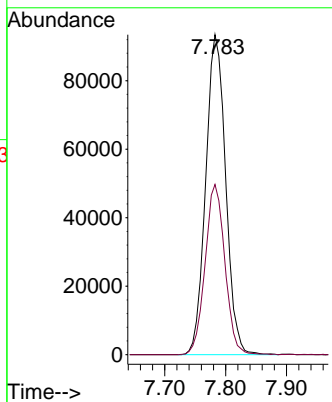
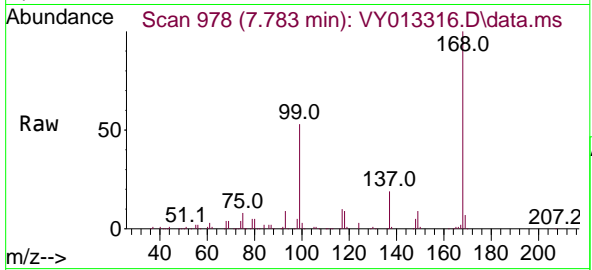




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

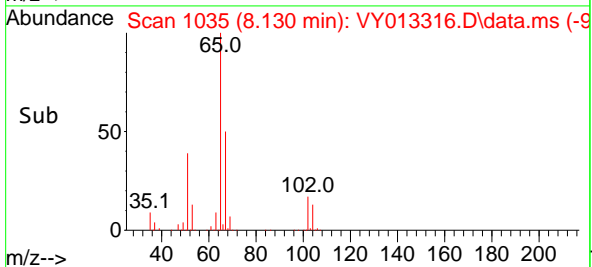
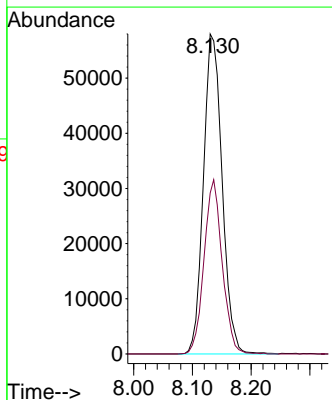
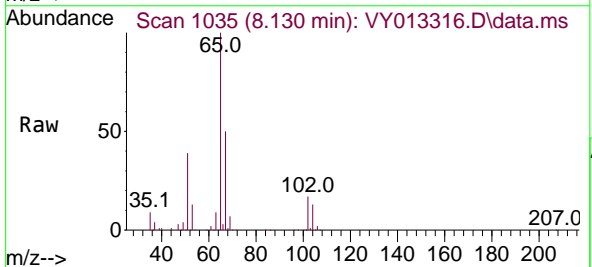
Instrument : MSVOA_Y
 ClientSampleId : OU3-FC-BACKFILL-05

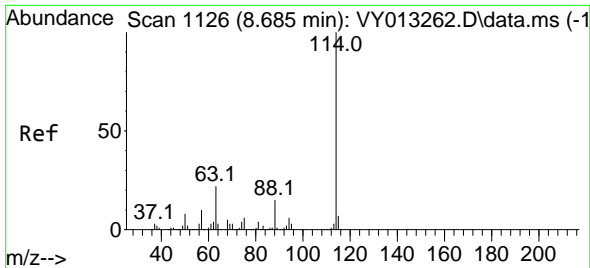
Tgt Ion:168 Resp: 212795
 Ion Ratio Lower Upper
 168 100
 99 53.2 41.7 62.5



#33
 1,2-Dichloroethane-d4
 Concen: 50.164 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.007 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

Tgt Ion: 65 Resp: 128285
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



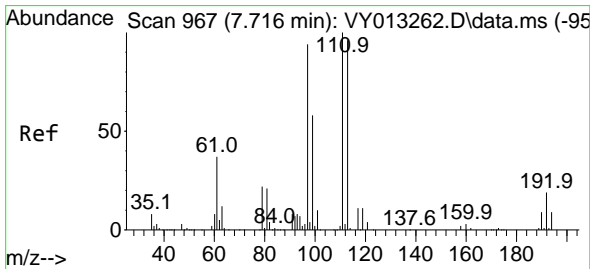
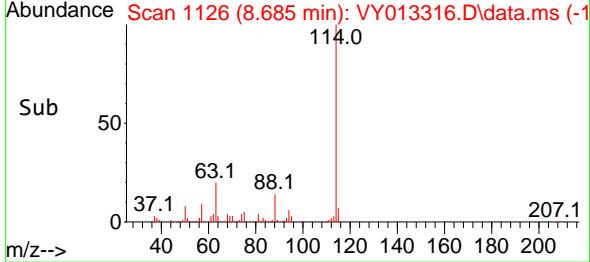
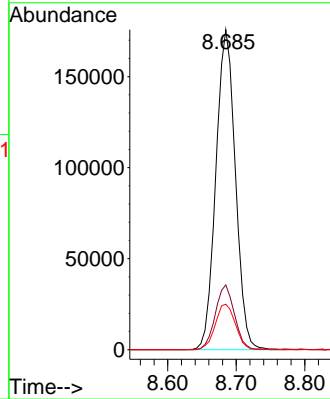
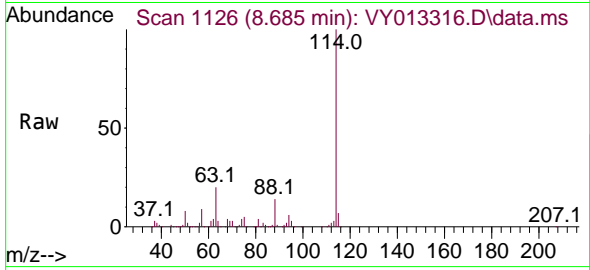


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

Instrument : MSVOA_Y
 ClientSampleId : OU3-FC-BACKFILL-05

Tgt Ion:114 Resp: 347280

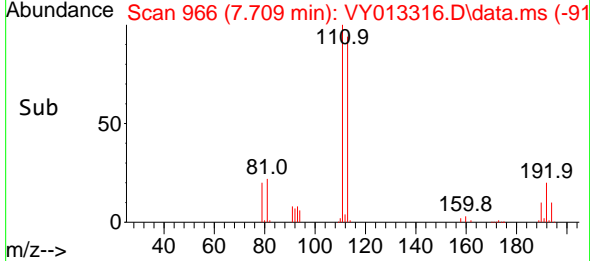
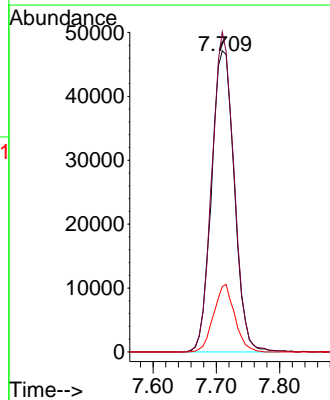
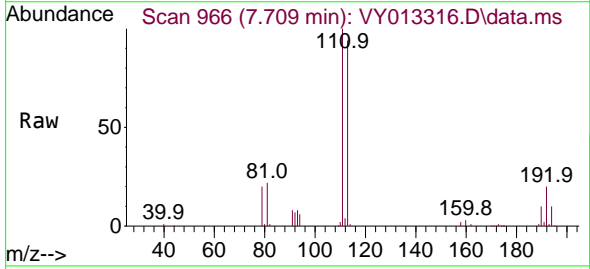
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	37.4
88	14.2	0.0	28.6

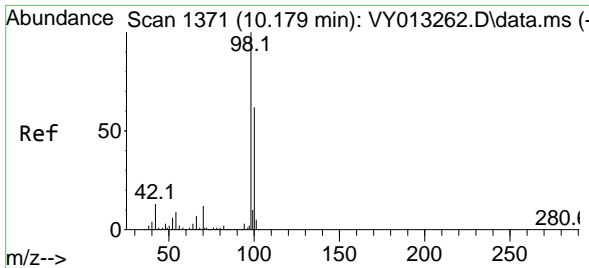


#35
 Dibromofluoromethane
 Concen: 52.495 ug/l
 RT: 7.709 min Scan# 966
 Delta R.T. -0.007 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

Tgt Ion:113 Resp: 118023

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.2
192	20.8	16.8	25.2

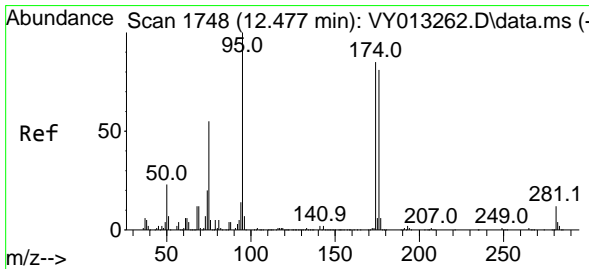
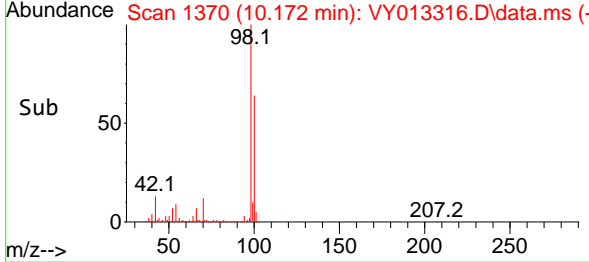
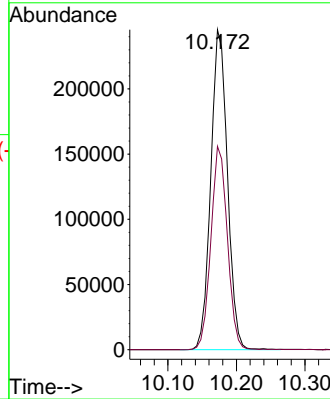
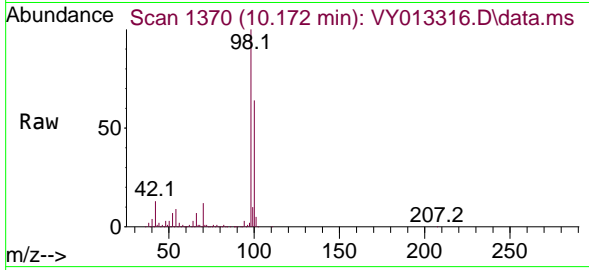




#50
 Toluene-d8
 Concen: 49.603 ug/l
 RT: 10.172 min Scan# 11
 Delta R.T. -0.007 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

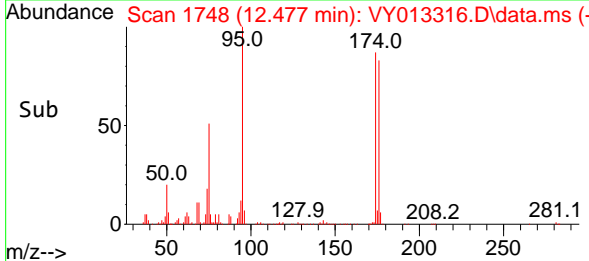
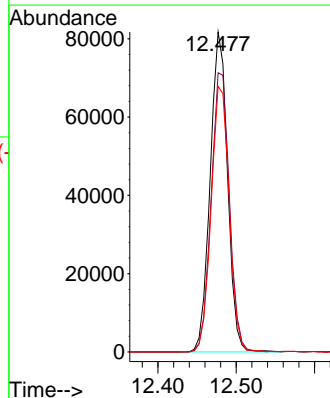
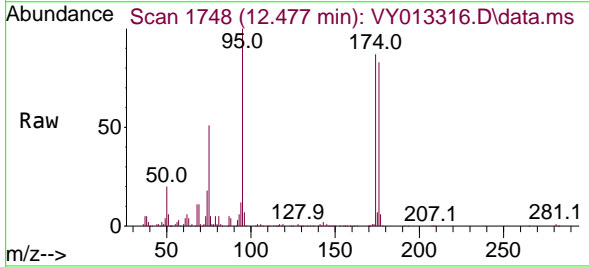
Instrument : MSVOA_Y
 ClientSampleId : OU3-FC-BACKFILL-05

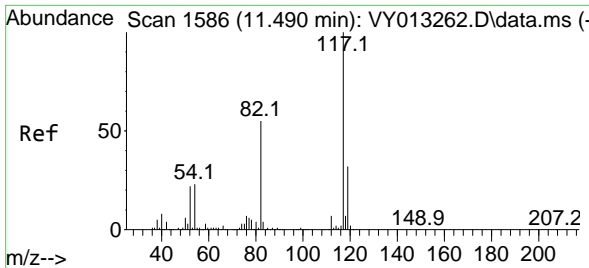
Tgt Ion: 98 Resp: 415103
 Ion Ratio Lower Upper
 98 100
 100 63.0 50.9 76.3



#62
 4-Bromofluorobenzene
 Concen: 46.268 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.000 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

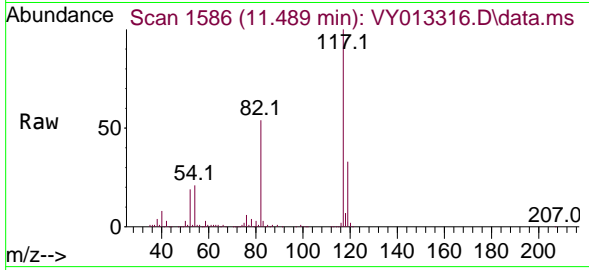
Tgt Ion: 95 Resp: 125804
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 176.6
 176 86.5 0.0 170.2





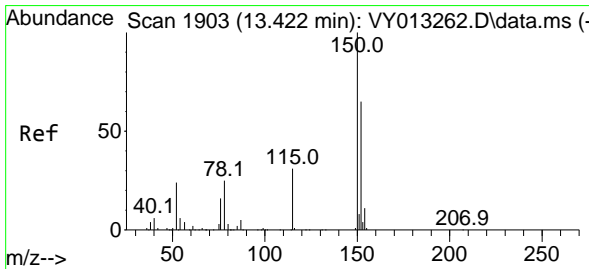
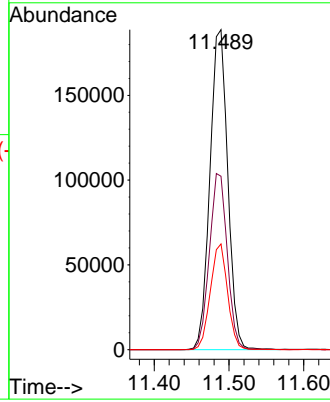
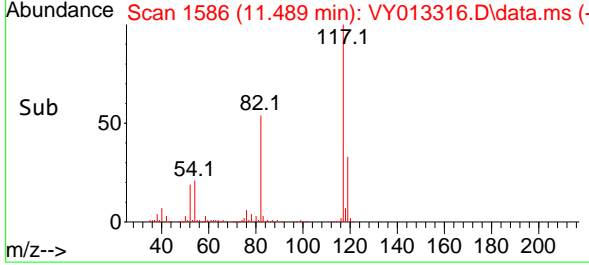
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10

Instrument : MSVOA_Y
 ClientSampleId : OU3-FC-BACKFILL-05

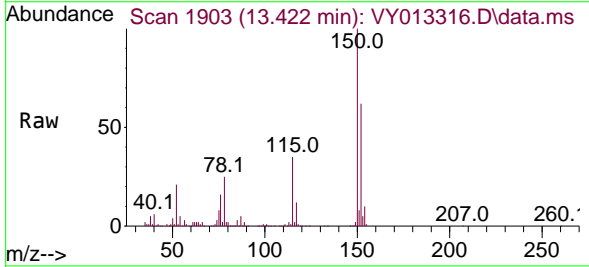


Tgt Ion:117 Resp: 313473

Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.4	68.0
119	33.0	25.6	38.4



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013316.D
 Acq: 14 Apr 2023 14:10



Tgt Ion:152 Resp: 140937

Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.1	81.3
150	158.4	0.0	347.8

