

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012616.D
 Acq On : 15 Feb 2023 15:40
 Operator : KP/MD
 Sample : 01572-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200028

Quant Time: Feb 16 00:58:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

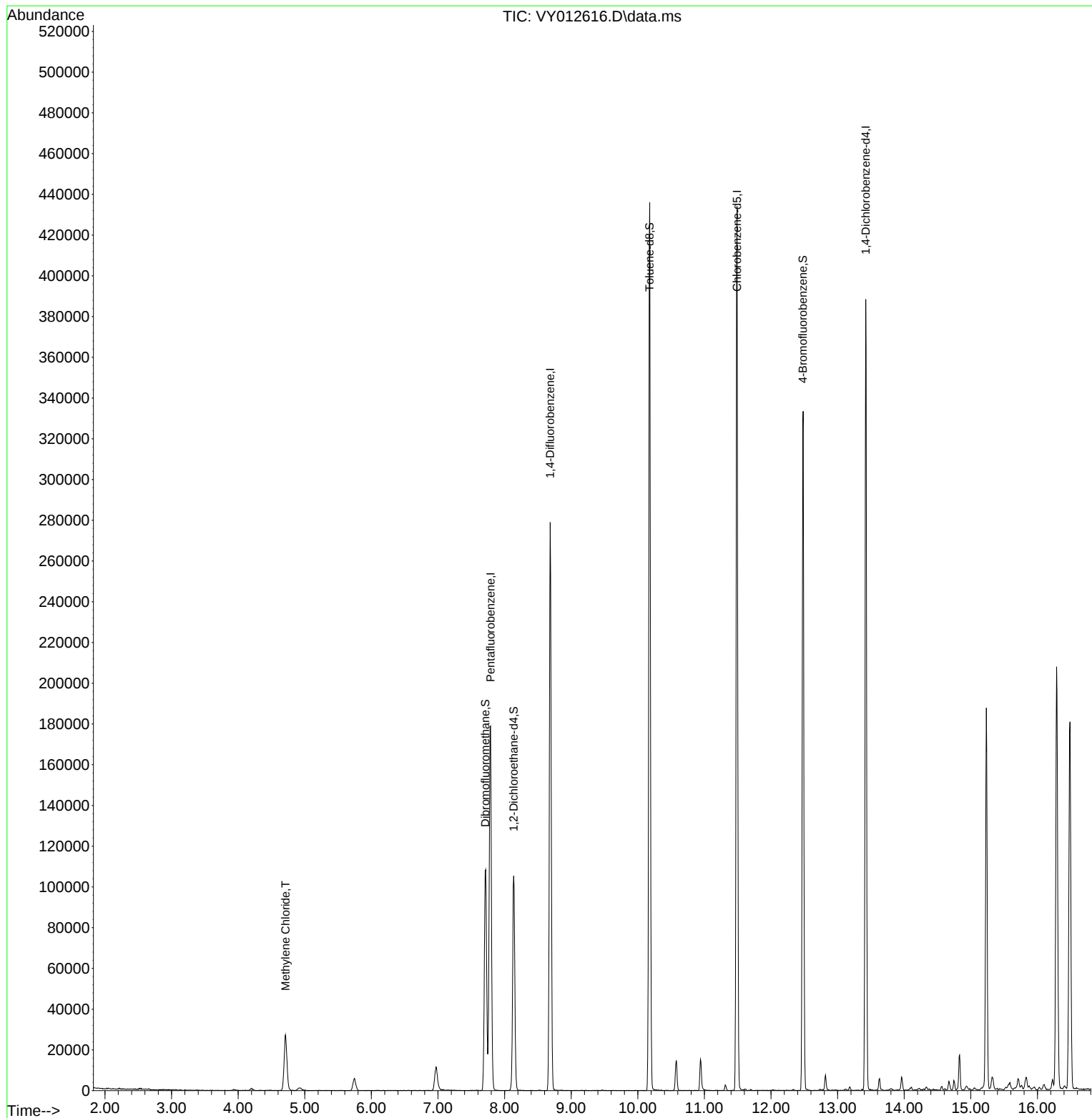
Internal Standards						
1) Pentafluorobenzene	7.789	168	150654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	249699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88646	46.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.540%
35) Dibromofluoromethane	7.710	113	75974	41.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.560%
50) Toluene-d8	10.179	98	297880	39.356	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.720%
62) 4-Bromofluorobenzene	12.477	95	94790	35.904	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	22076	9.391	ug/l	95

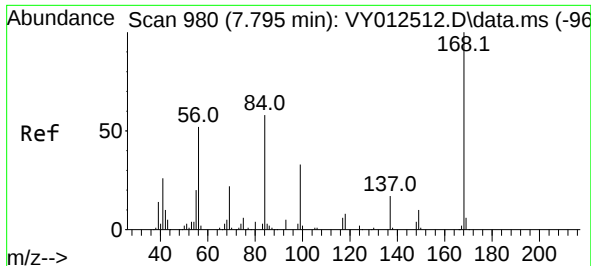
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
Data File : VY012616.D
Acq On : 15 Feb 2023 15:40
Operator : KP/MD
Sample : 01572-04
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200028

Quant Time: Feb 16 00:58:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

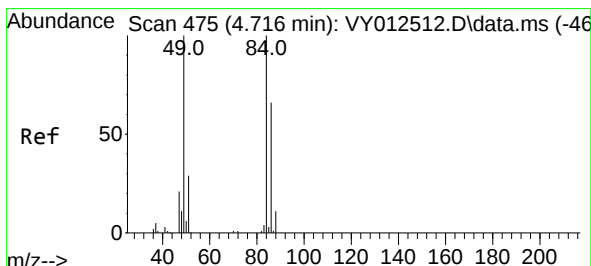
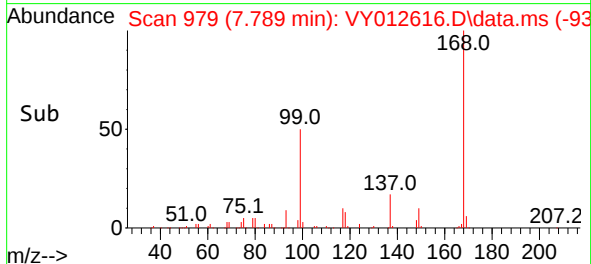
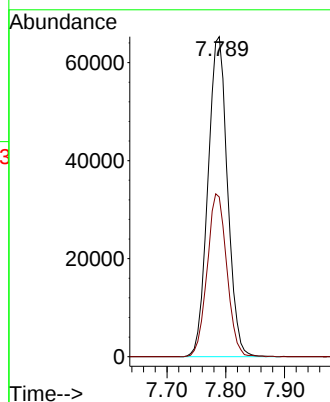
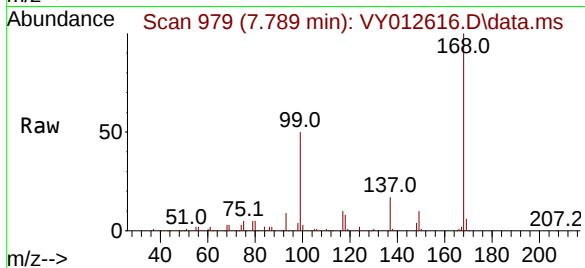




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

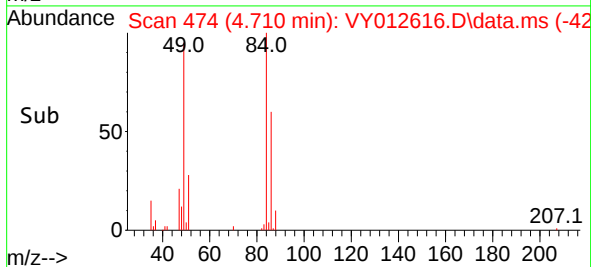
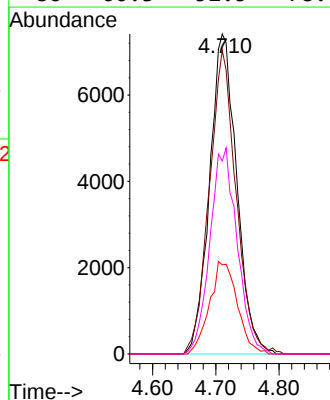
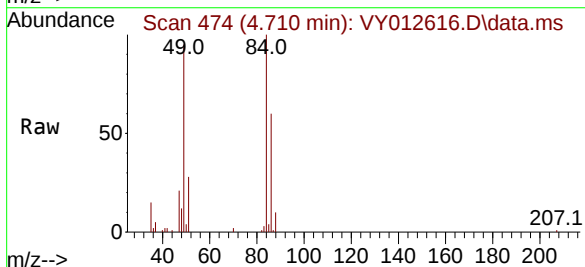
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200028

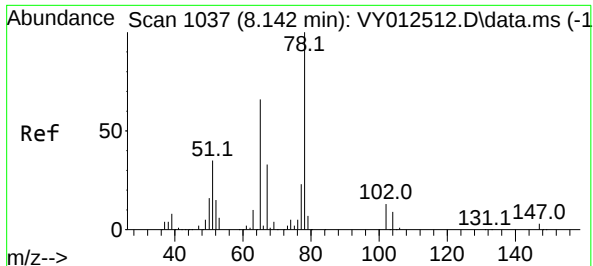
Tgt Ion:168 Resp: 150654
Ion Ratio Lower Upper
168 100
99 49.9 40.8 61.2



#20
Methylene Chloride
Concen: 9.391 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion: 84 Resp: 22076
Ion Ratio Lower Upper
84 100
49 94.9 79.8 119.6
51 27.8 23.4 35.2
86 60.3 52.5 78.7

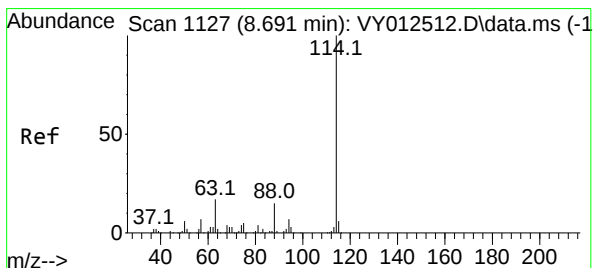
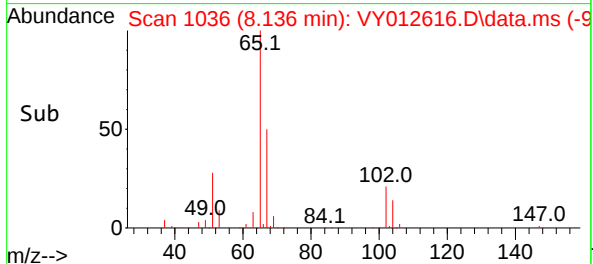
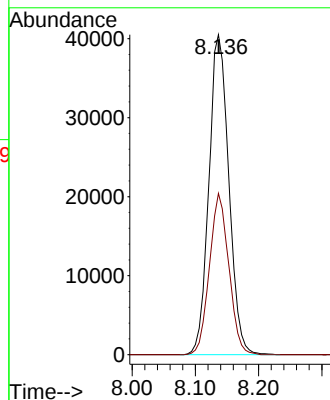
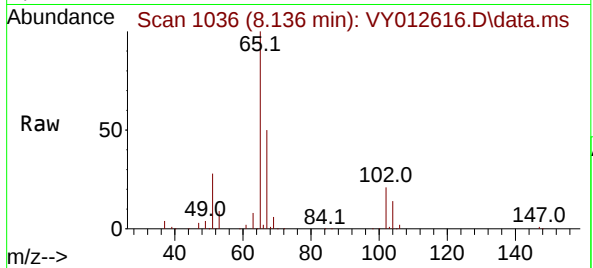




#33
 1,2-Dichloroethane-d4
 Concen: 46.272 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

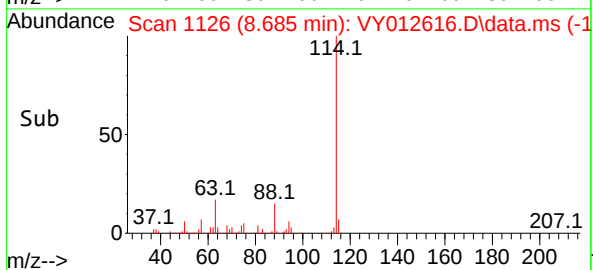
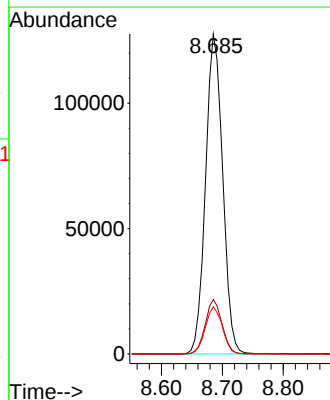
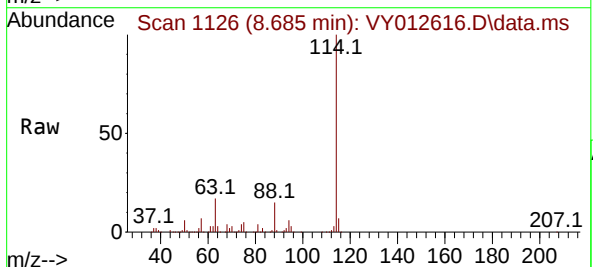
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200028

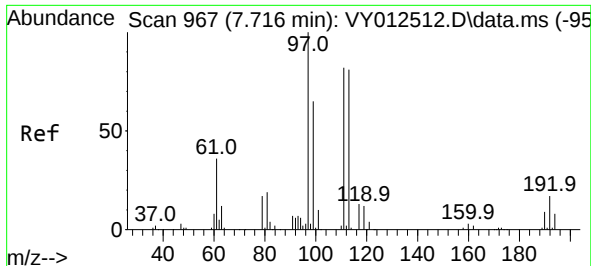
Tgt Ion: 65 Resp: 88646
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY012616.D
 Acq: 15 Feb 2023 15:40

Tgt Ion: 114 Resp: 249699
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.6
 88 14.8 0.0 29.8

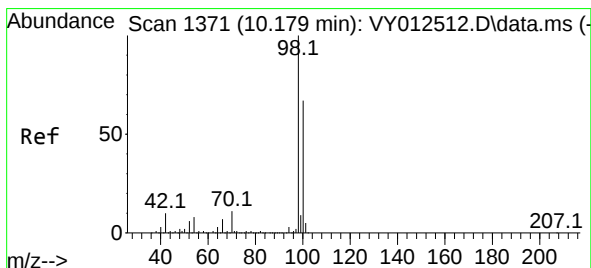
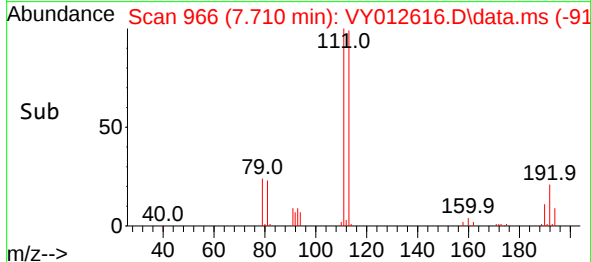
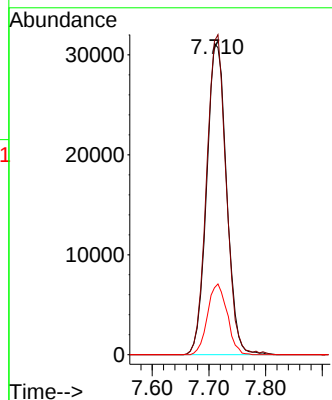
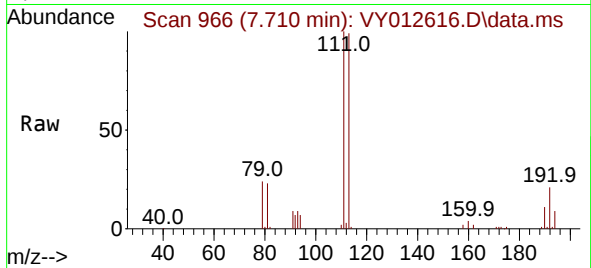




#35
Dibromofluoromethane
Concen: 41.779 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

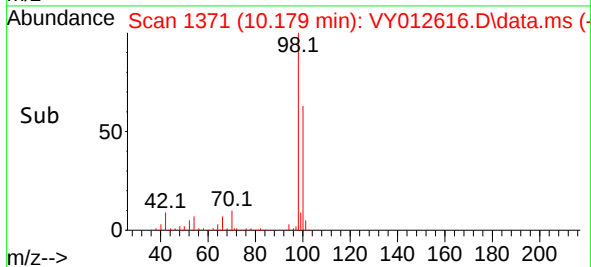
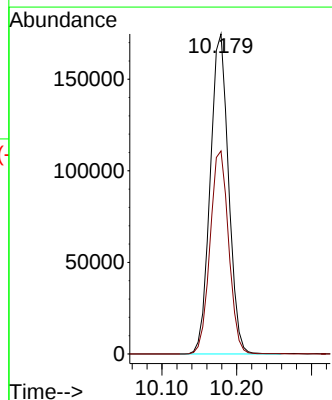
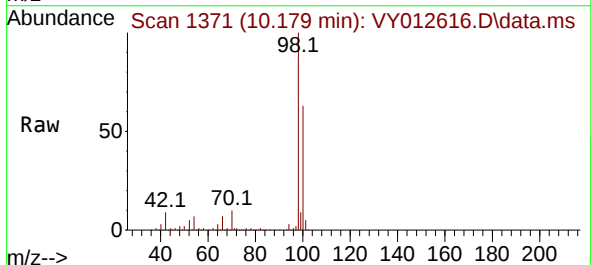
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200028

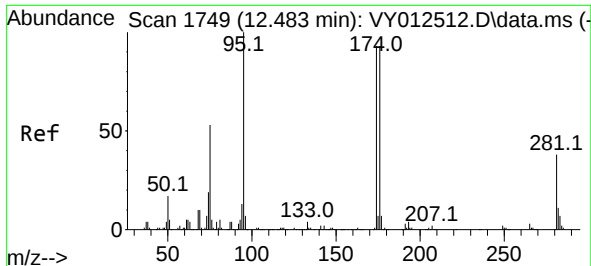
Tgt Ion:113 Resp: 75974
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 22.4 17.5 26.3



#50
Toluene-d8
Concen: 39.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion: 98 Resp: 297880
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

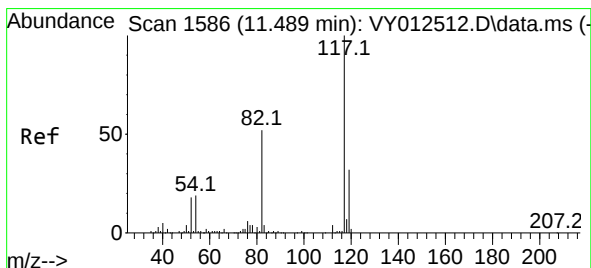
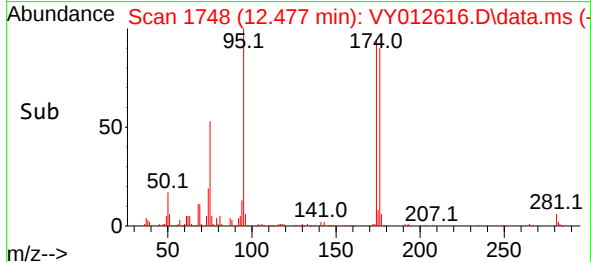
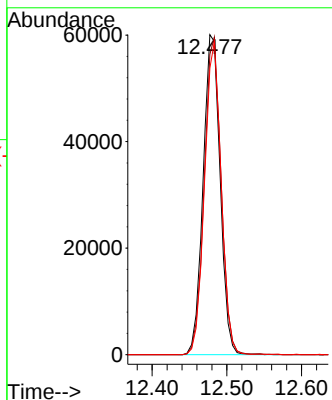
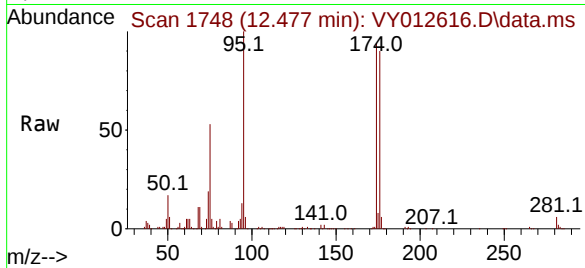




#62
4-Bromofluorobenzene
Concen: 35.904 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

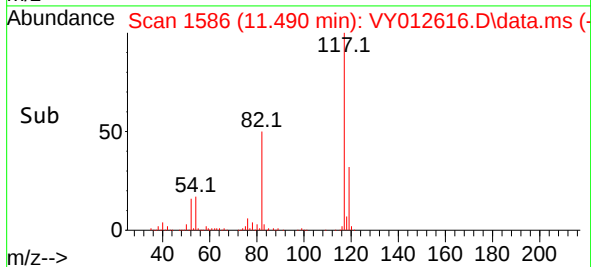
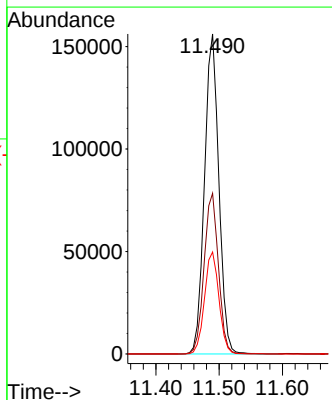
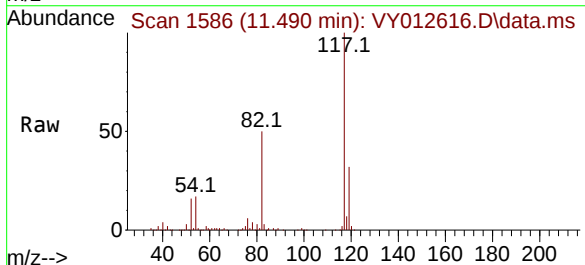
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200028

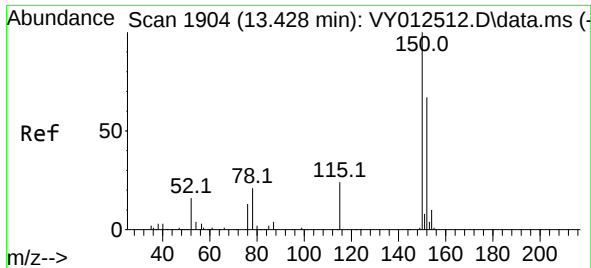
Tgt Ion:	95	Resp:	94790
Ion Ratio	Lower	Upper	
95	100		
174	98.4	0.0	188.0
176	95.4	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012616.D
Acq: 15 Feb 2023 15:40

Tgt Ion:	117	Resp:	246771
Ion Ratio	Lower	Upper	
117	100		
82	50.2	41.7	62.5
119	31.8	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012616.D

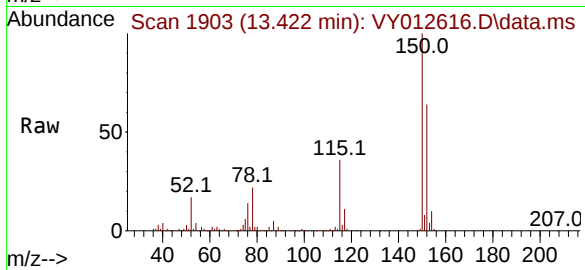
Acq: 15 Feb 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200028



Tgt Ion:152 Resp: 106588

Ion Ratio Lower Upper

152 100

115 55.7 28.1 84.3

150 158.9 0.0 351.0

