

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015298.D
 Acq On : 23 Aug 2023 22:04
 Operator : SY/MD
 Sample : 04112-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-22282

Quant Time: Aug 24 02:38:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

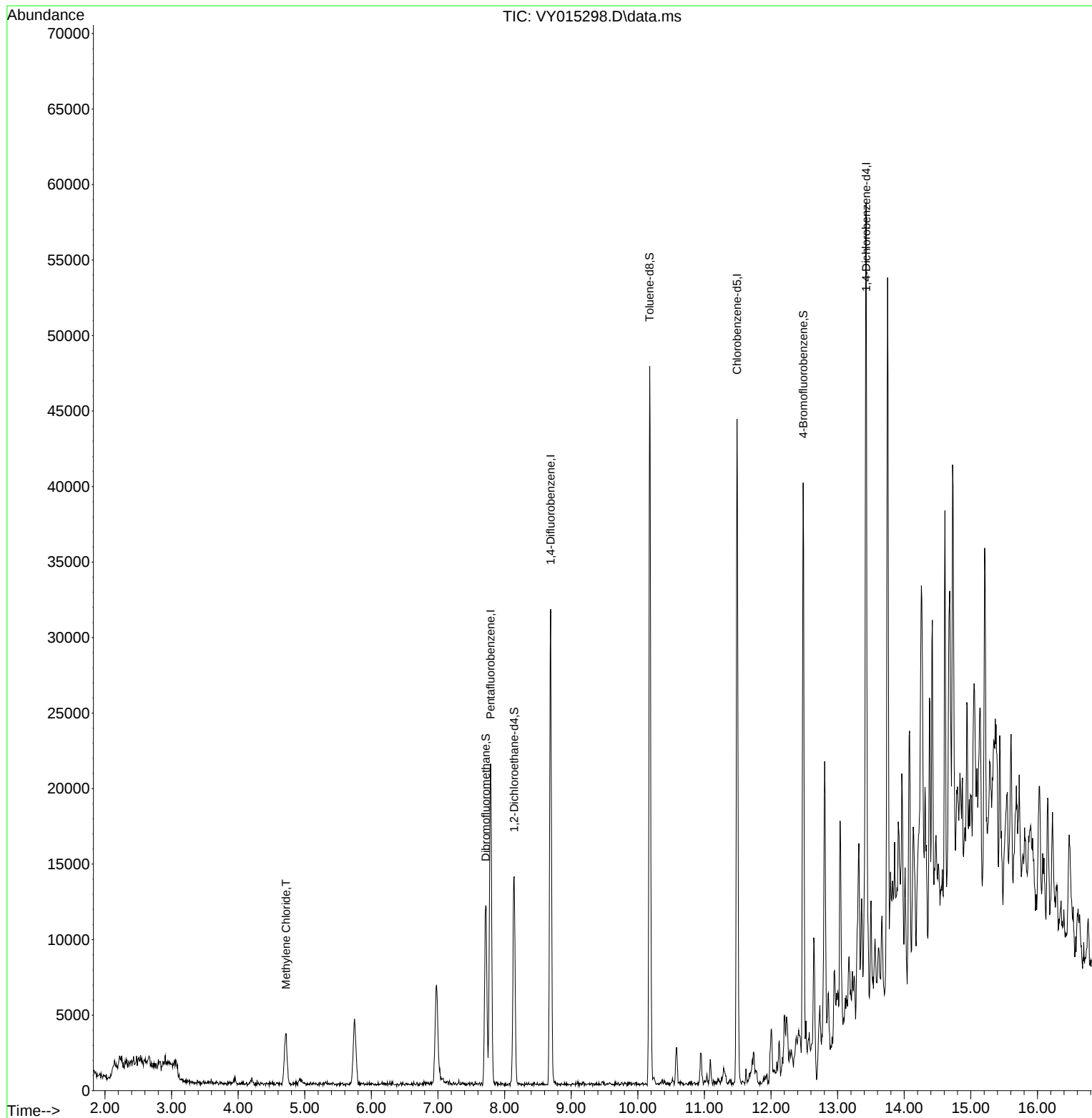
Internal Standards						
1) Pentafluorobenzene	7.789	168	16773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	26509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	23931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	10898	54.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.716	113	8545	50.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.179	98	30944	48.742	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	12.483	95	10497	45.269	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.540%	
Target Compounds						
20) Methylene Chloride	4.716	84	2642	13.608	ug/l	90

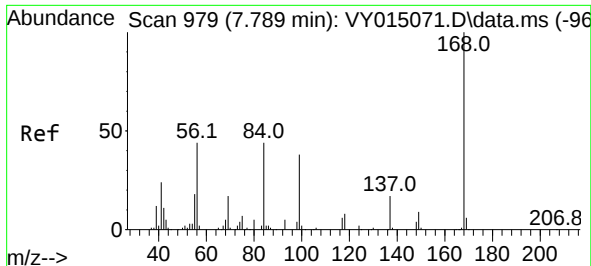
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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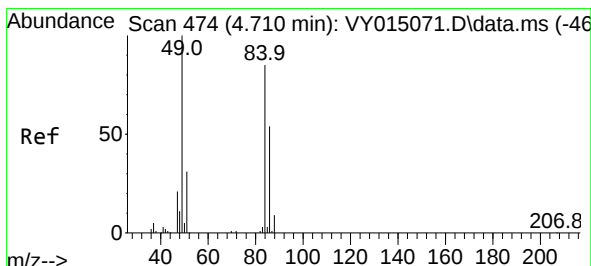
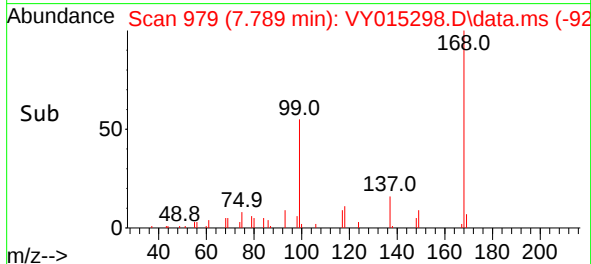
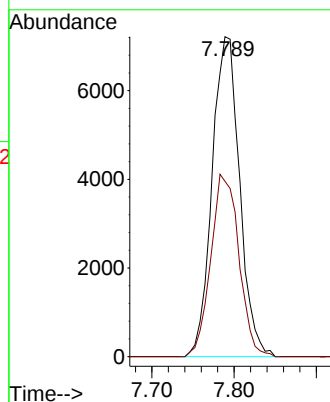
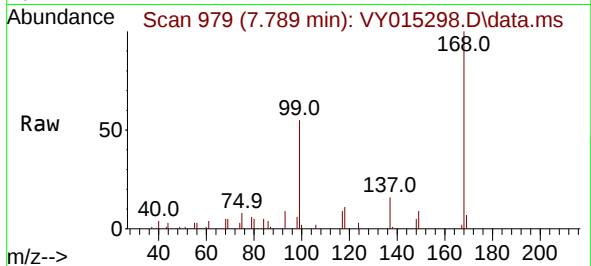




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

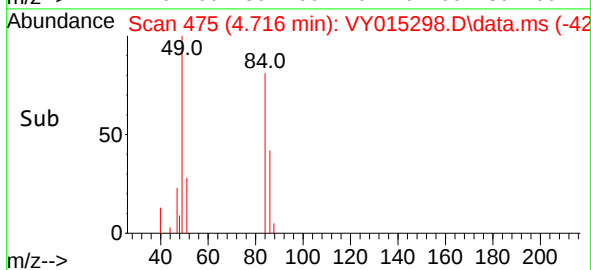
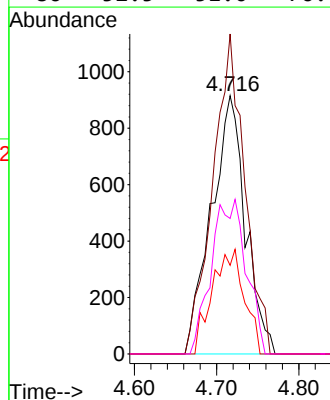
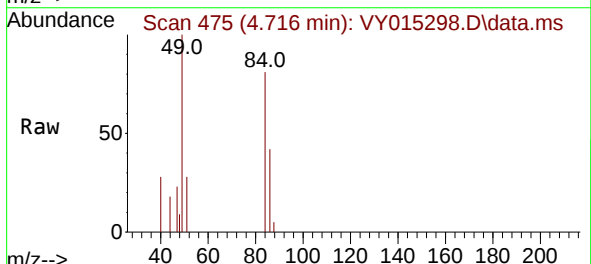
Instrument :
MSVOA_Y
ClientSampleId :
RBR-22282

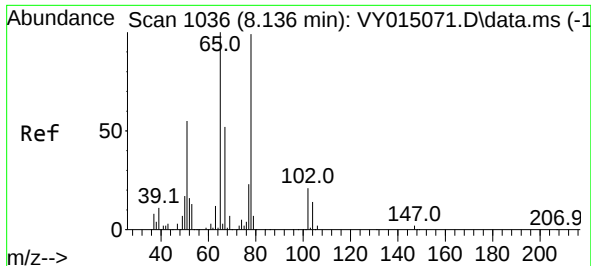
Tgt Ion:168 Resp: 16773
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#20
Methylene Chloride
Concen: 13.608 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

Tgt Ion: 84 Resp: 2642
Ion Ratio Lower Upper
84 100
49 123.9 106.9 160.3
51 34.3 33.2 49.8
86 52.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.126 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015298.D

Acq: 23 Aug 2023 22:04

Instrument :

MSVOA_Y

ClientSampleId :

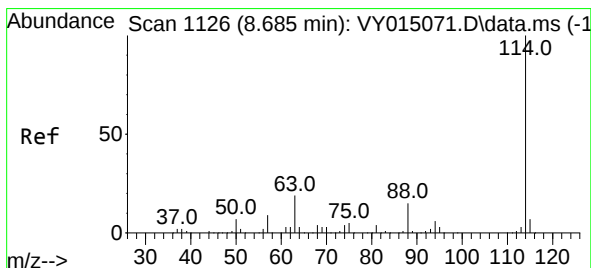
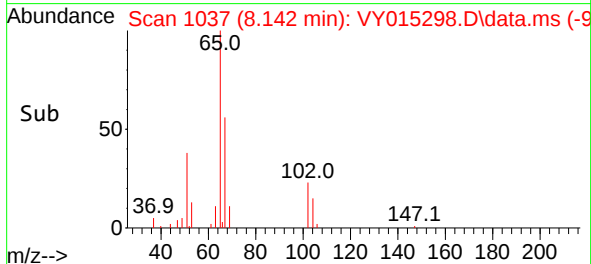
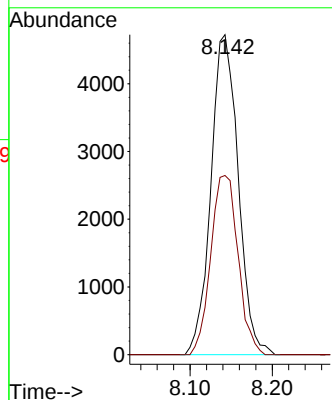
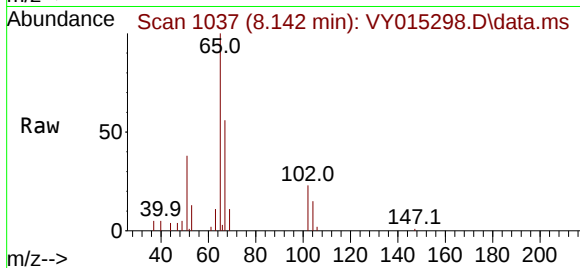
RBR-22282

Tgt Ion: 65 Resp: 10898

Ion Ratio Lower Upper

65 100

67 56.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015298.D

Acq: 23 Aug 2023 22:04

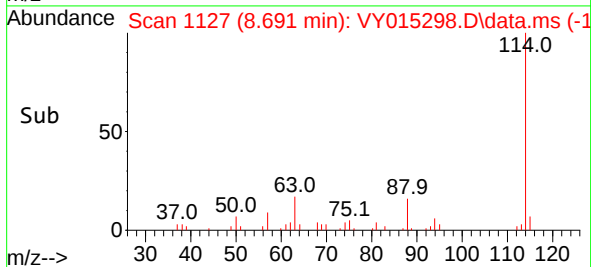
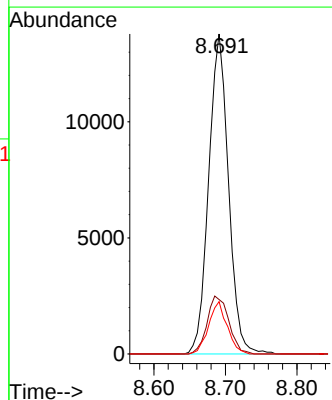
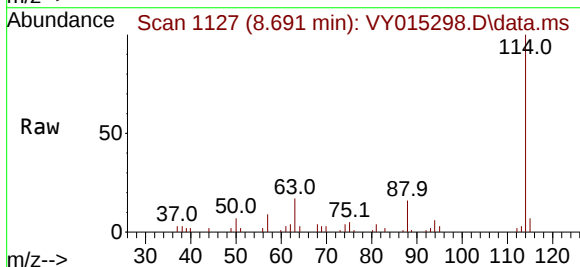
Tgt Ion: 114 Resp: 26509

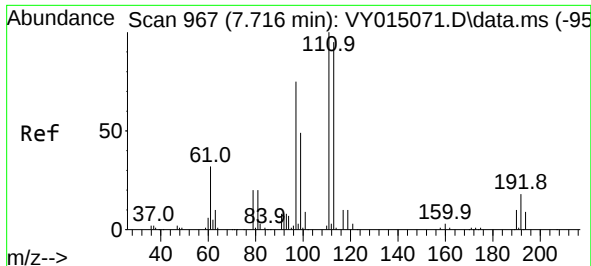
Ion Ratio Lower Upper

114 100

63 17.0 0.0 42.4

88 16.4 0.0 30.6

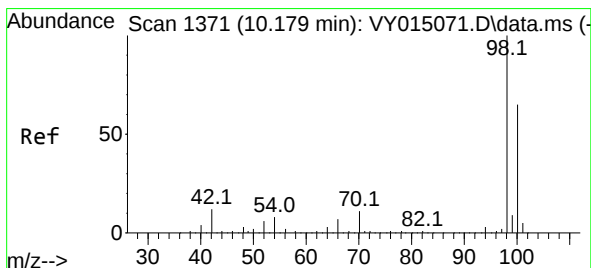
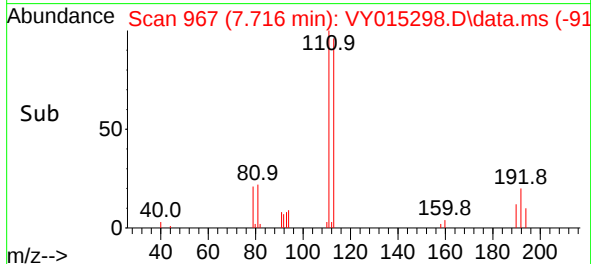
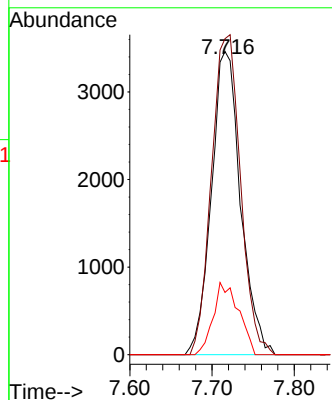
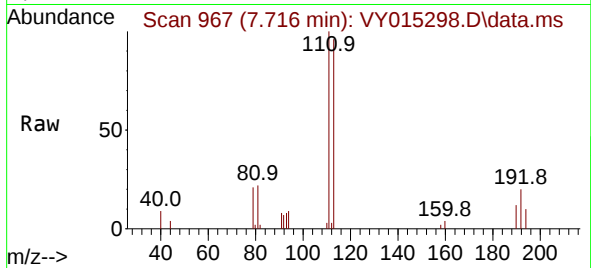




#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

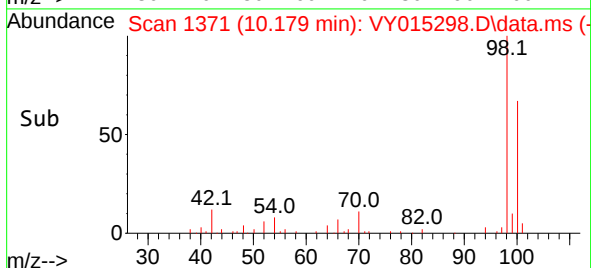
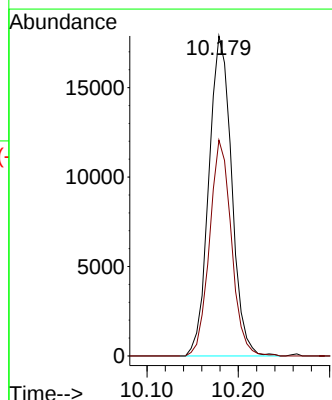
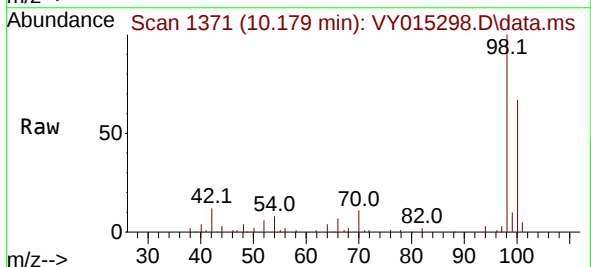
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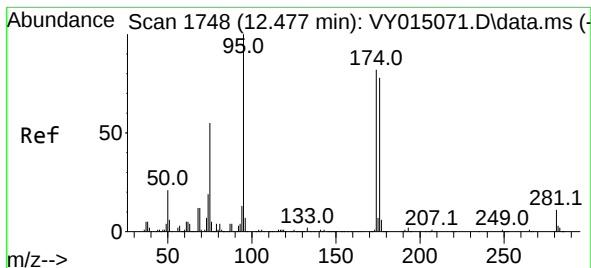
Tgt Ion:113 Resp: 8545
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 20.7 16.9 25.3



#50
Toluene-d8
Concen: 48.742 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

Tgt Ion: 98 Resp: 30944
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

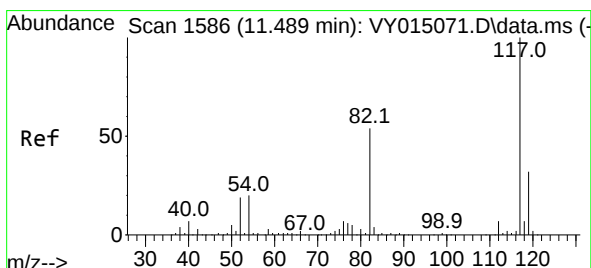
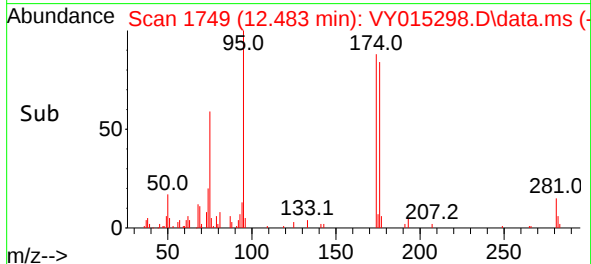
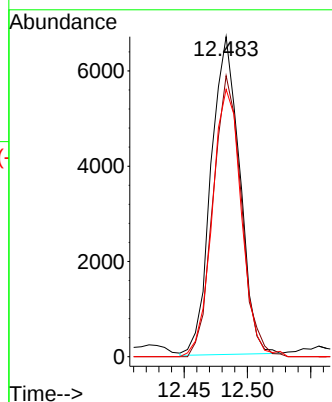
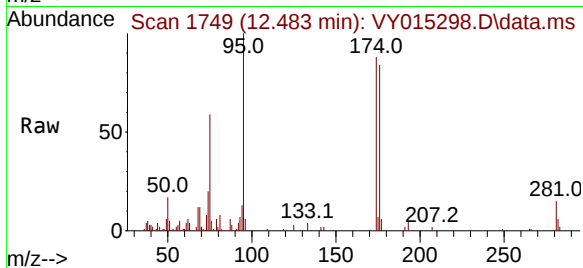




#62
4-Bromofluorobenzene
Concen: 45.269 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

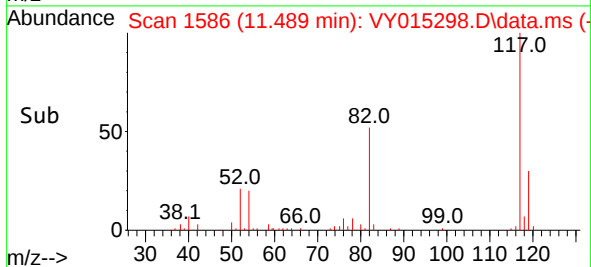
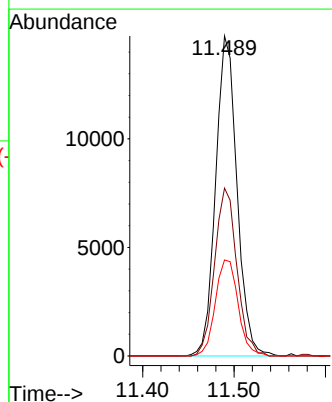
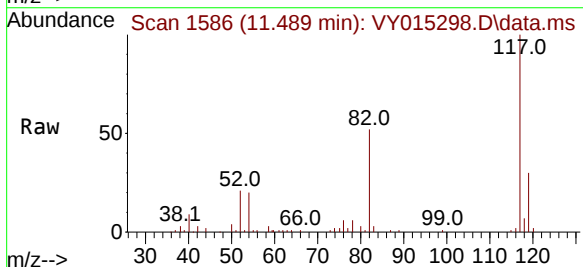
Instrument :
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ClientSampleId :
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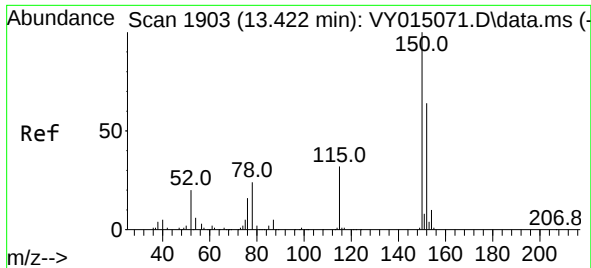
Tgt Ion: 95 Resp: 10497
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 85.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015298.D
Acq: 23 Aug 2023 22:04

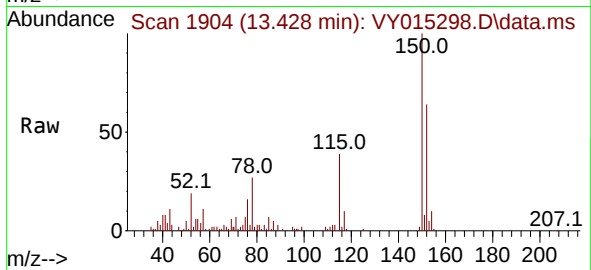
Tgt Ion: 117 Resp: 23931
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 30.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015298.D
 Acq: 23 Aug 2023 22:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-22282



Tgt Ion:	152	Resp:	12372
Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.8	86.5
150	158.4	0.0	348.8

