

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052324\
 Data File : VY018360.D
 Acq On : 23 May 2024 15:09
 Operator : SY/MD
 Sample : P2578-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-052224RE

Quant Time: May 24 01:17:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

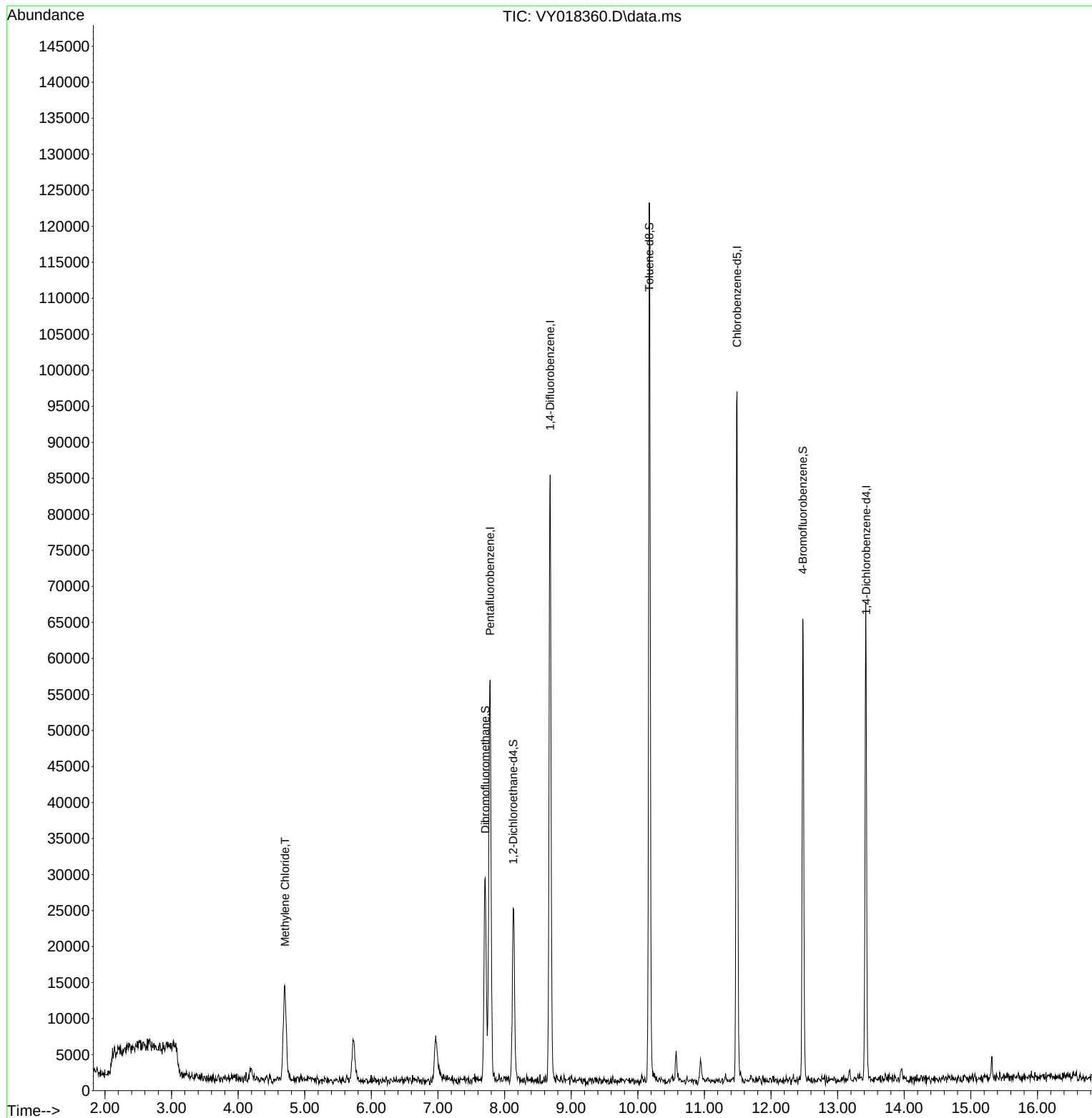
Internal Standards						
1) Pentafluorobenzene	7.783	168	42481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	74065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	53318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	17366	43.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.300%
35) Dibromofluoromethane	7.710	113	20069	46.466	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.940%
50) Toluene-d8	10.173	98	78461	46.594	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.477	95	19096	36.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.400%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	10148	18.214	ug/l	95

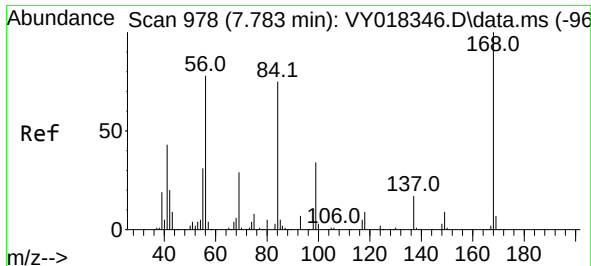
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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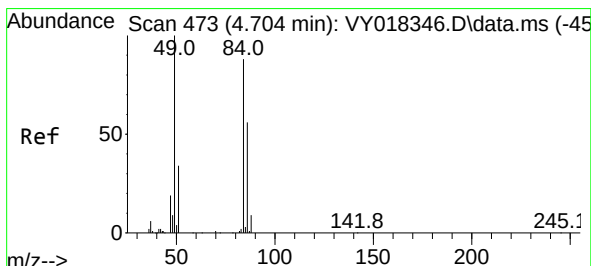
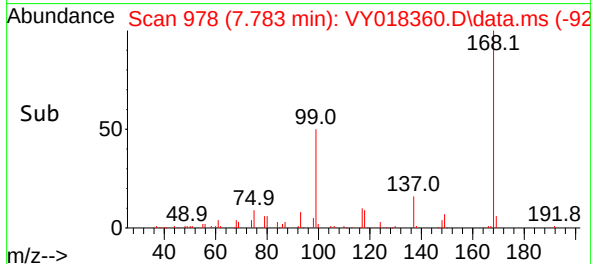
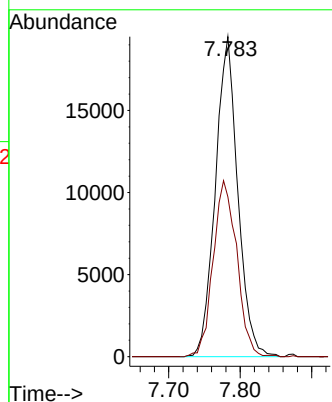
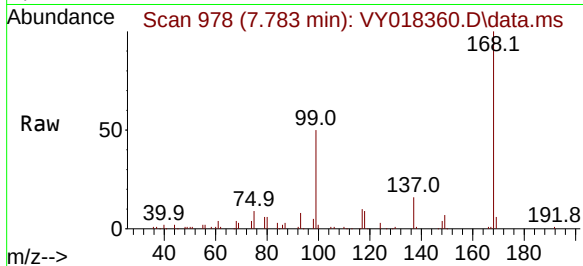




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

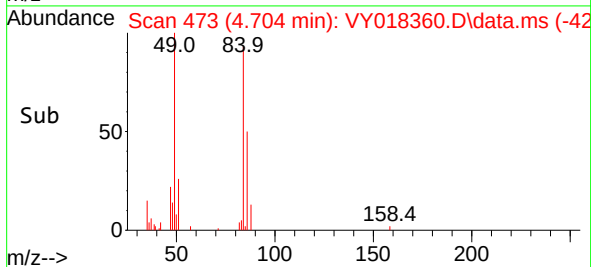
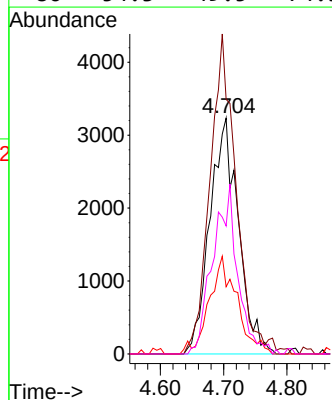
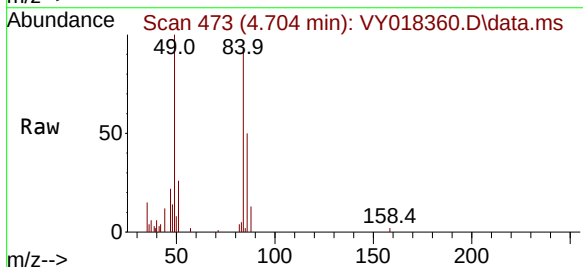
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224RE

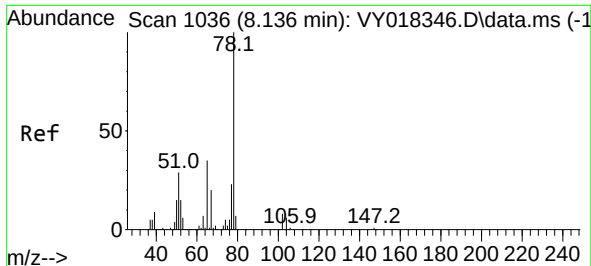
Tgt Ion:168 Resp: 42481
Ion Ratio Lower Upper
168 100
99 49.9 39.1 58.7



#20
Methylene Chloride
Concen: 18.214 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

Tgt Ion: 84 Resp: 10148
Ion Ratio Lower Upper
84 100
49 107.9 84.4 126.6
51 28.5 26.0 39.0
86 54.3 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 43.148 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018360.D

Acq: 23 May 2024 15:09

Instrument :

MSVOA_Y

ClientSampleId :

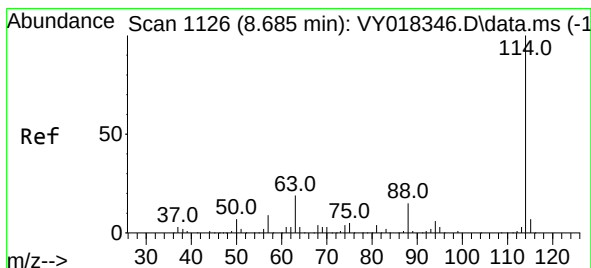
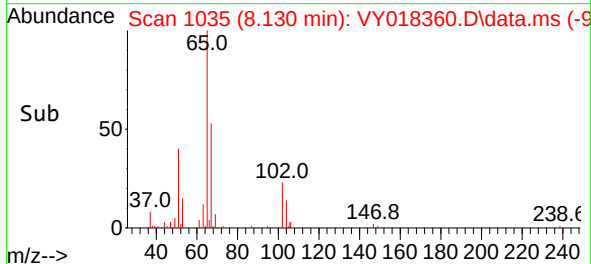
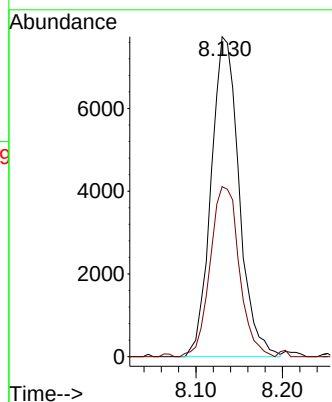
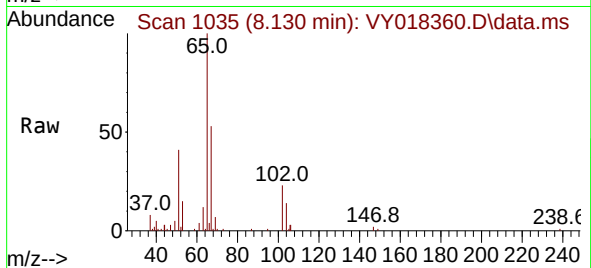
OR-02-052224RE

Tgt Ion: 65 Resp: 17366

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018360.D

Acq: 23 May 2024 15:09

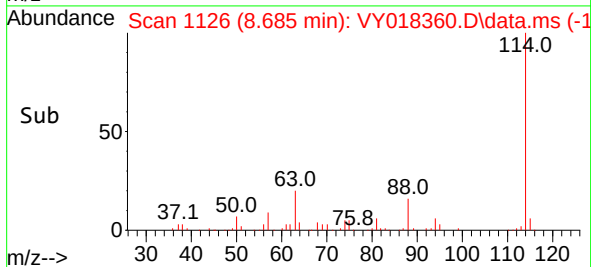
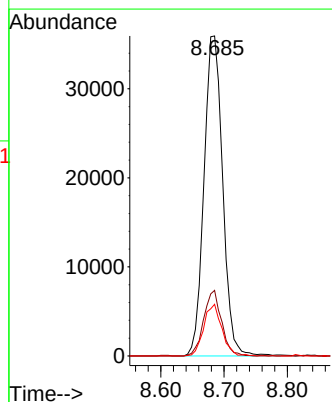
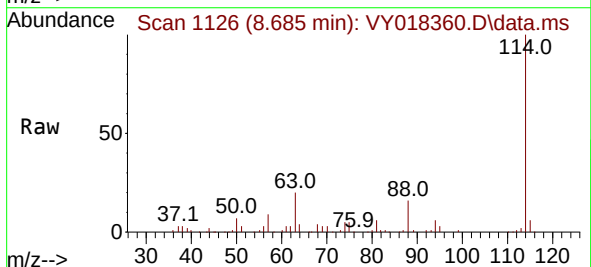
Tgt Ion:114 Resp: 74065

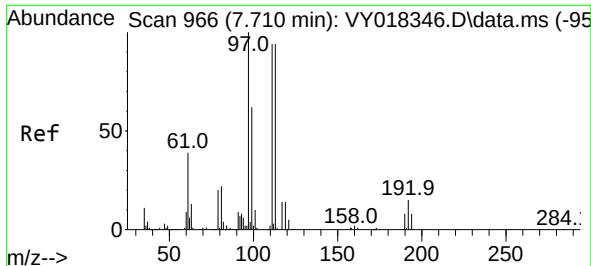
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

88 16.1 0.0 27.2

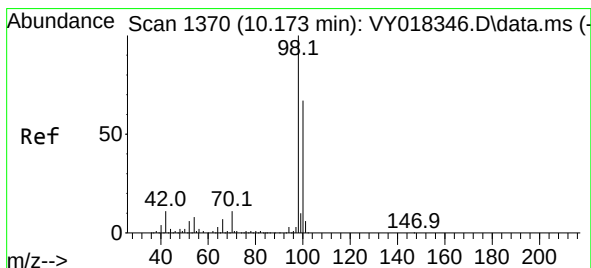
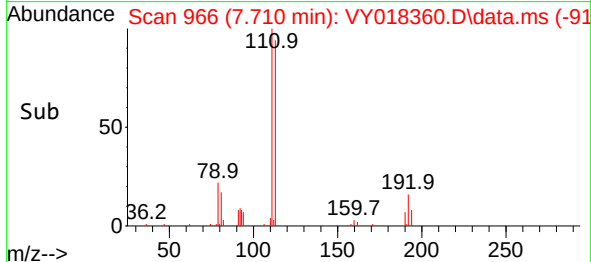
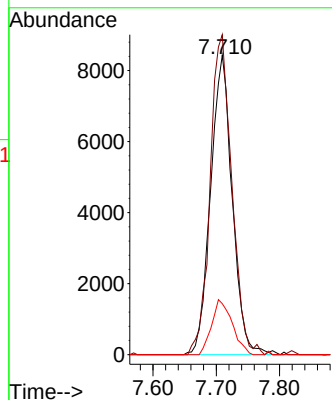
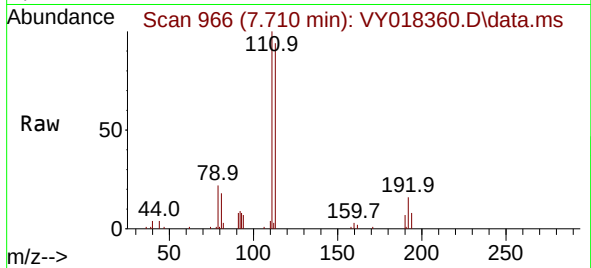




#35
Dibromofluoromethane
Concen: 46.466 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

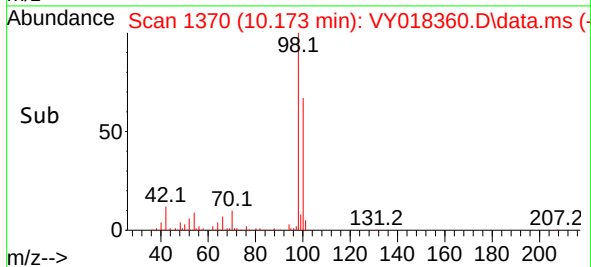
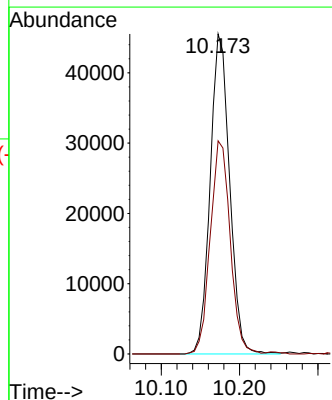
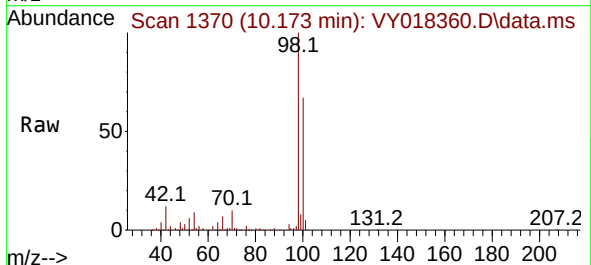
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224RE

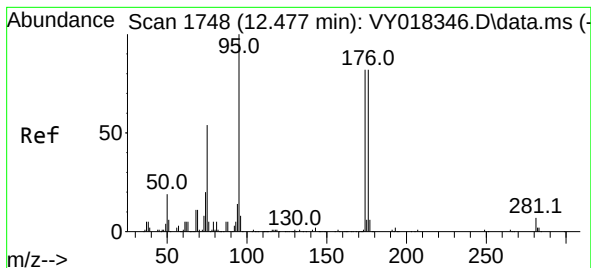
Tgt Ion:113 Resp: 20069
Ion Ratio Lower Upper
113 100
111 107.0 82.2 123.4
192 17.4 15.9 23.9



#50
Toluene-d8
Concen: 46.594 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

Tgt Ion: 98 Resp: 78461
Ion Ratio Lower Upper
98 100
100 68.2 52.0 78.0

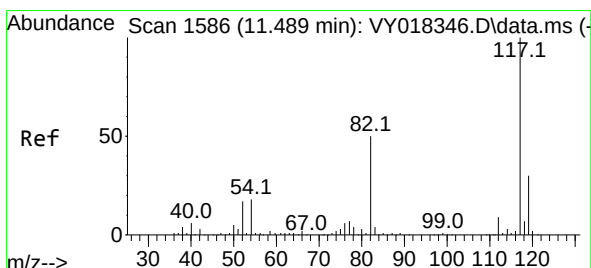
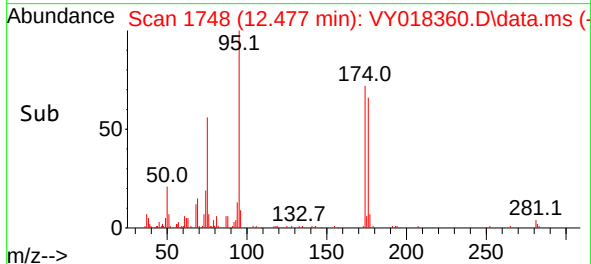
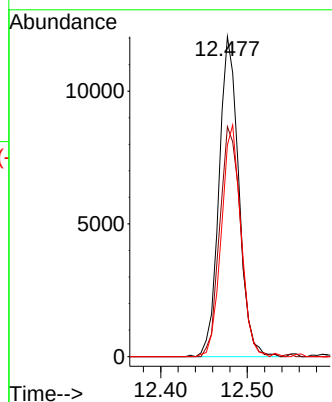
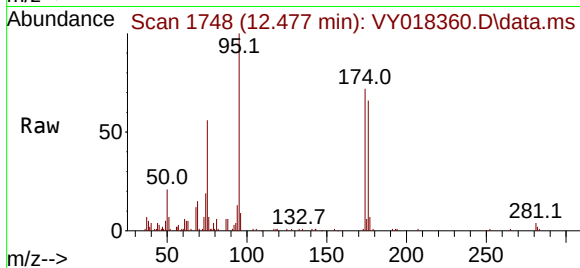




#62
4-Bromofluorobenzene
Concen: 36.700 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

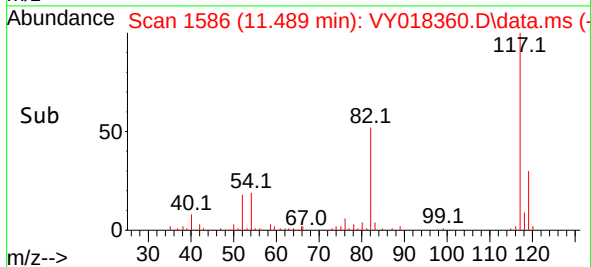
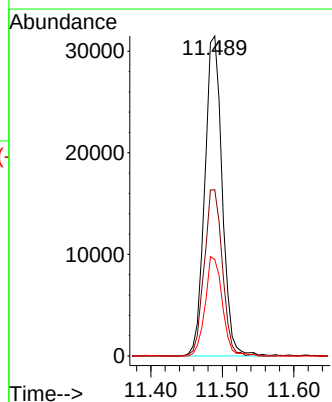
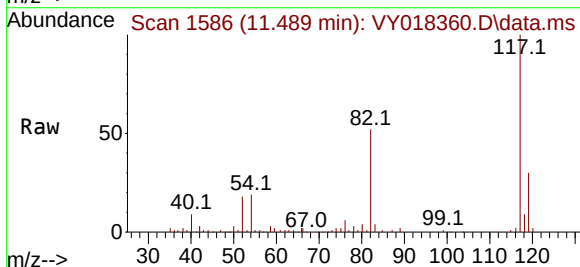
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-052224RE

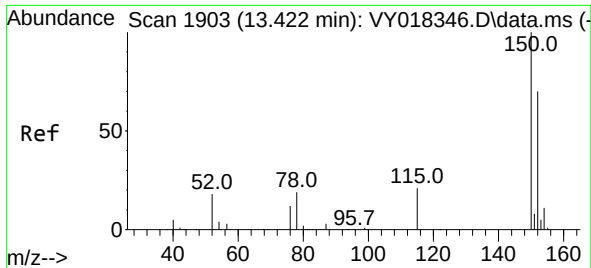
Tgt Ion: 95 Resp: 19096
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 71.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018360.D
Acq: 23 May 2024 15:09

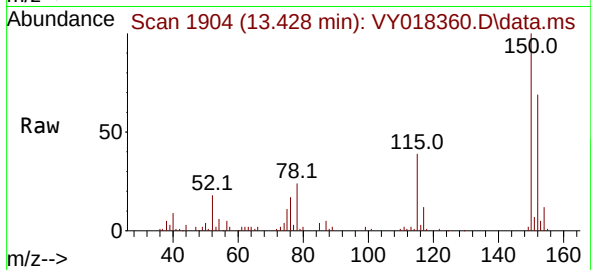
Tgt Ion: 117 Resp: 53318
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.2 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY018360.D
 Acq: 23 May 2024 15:09

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 16339
 Ion Ratio Lower Upper
 152 100
 115 63.4 28.2 84.7
 150 157.0 0.0 345.6

