

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016620.D
 Acq On : 06 Dec 2023 16:54
 Operator : SY/MD
 Sample : 05599-15RE
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-08RE

Quant Time: Dec 07 00:35:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	51119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	79617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	75025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	30929	65.461	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.920%
35) Dibromofluoromethane	7.728	113	26224	54.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.460%
50) Toluene-d8	10.191	98	90917	50.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.489	95	28247	47.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.780%

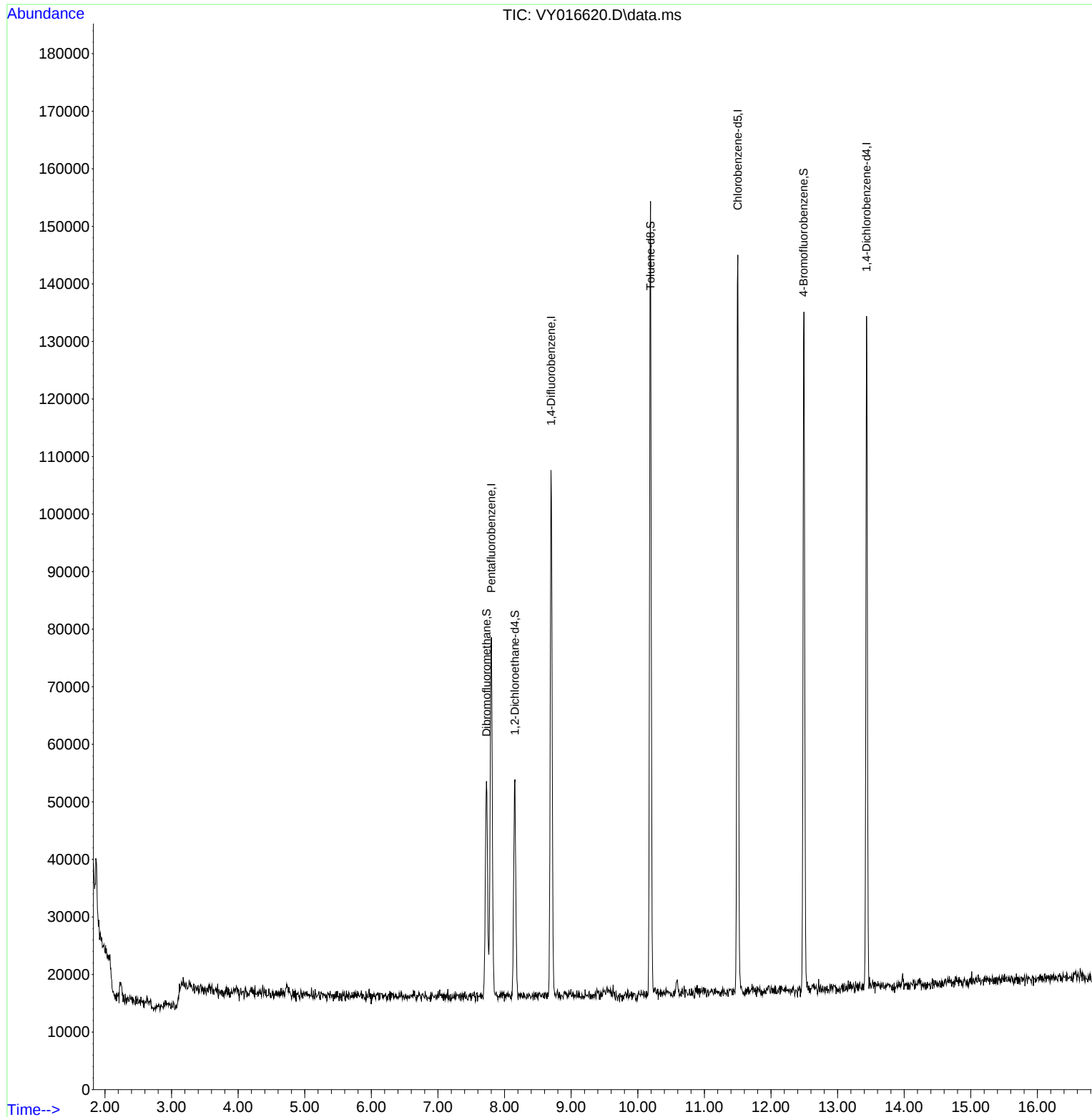
Target Compounds	Qvalue

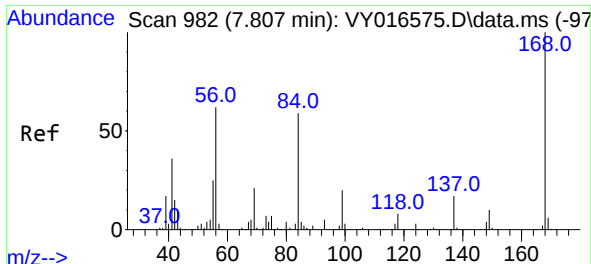
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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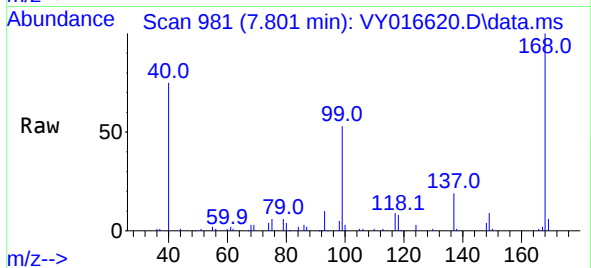
Quant Time: Dec 07 00:35:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
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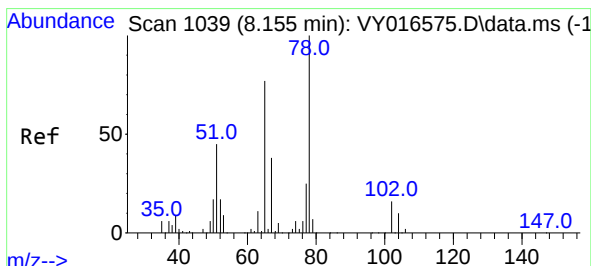
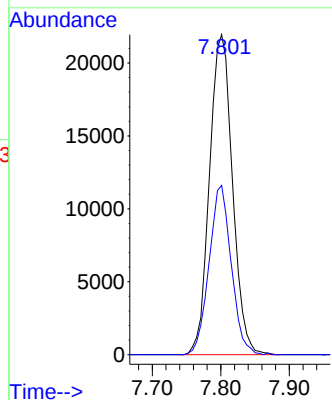
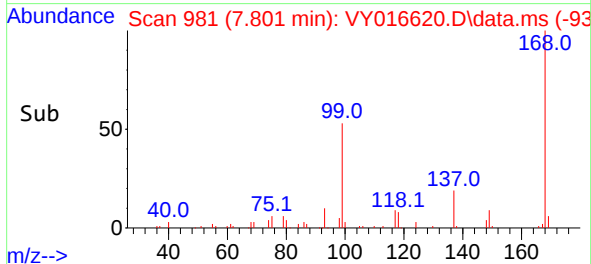


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

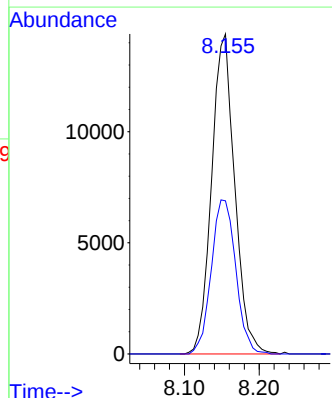
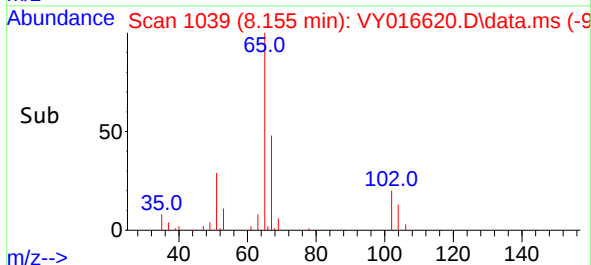
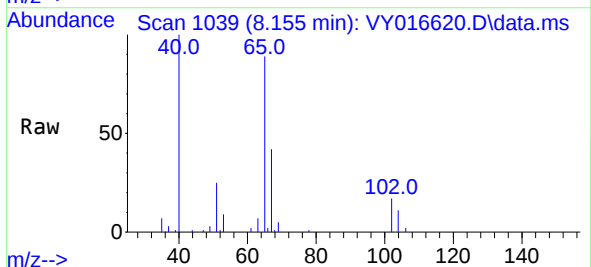


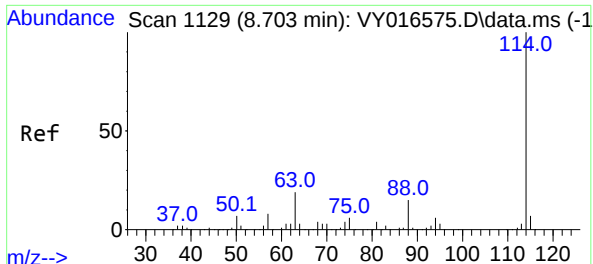
Tgt Ion:168 Resp: 51119
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 65.461 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 65 Resp: 30929
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-08RE

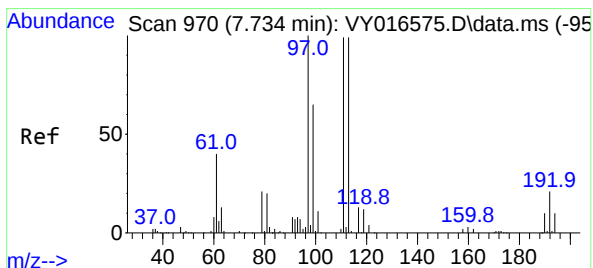
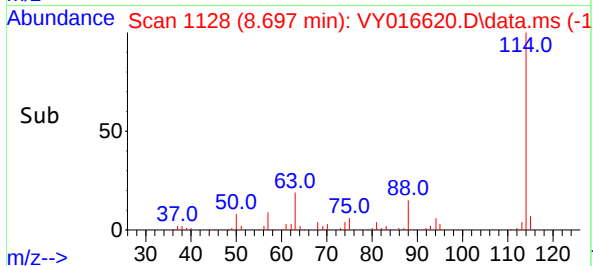
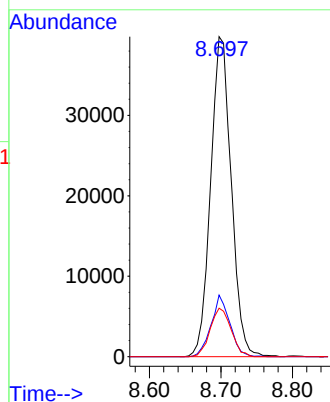
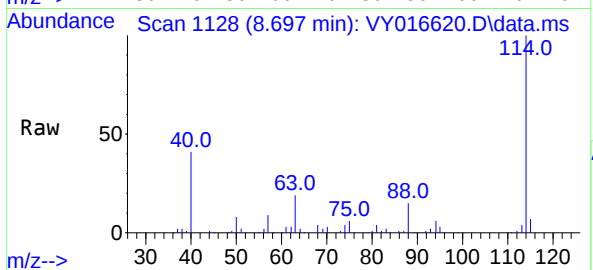
Tgt Ion:114 Resp: 79617

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.732 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016620.D

Acq: 06 Dec 2023 16:54

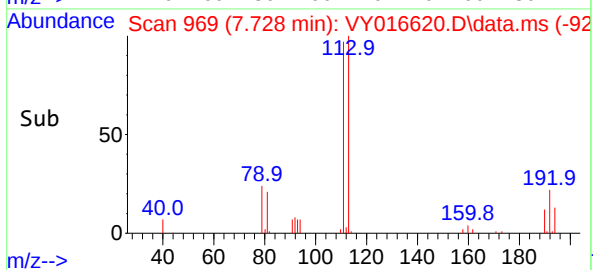
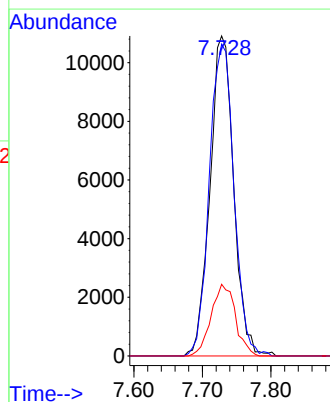
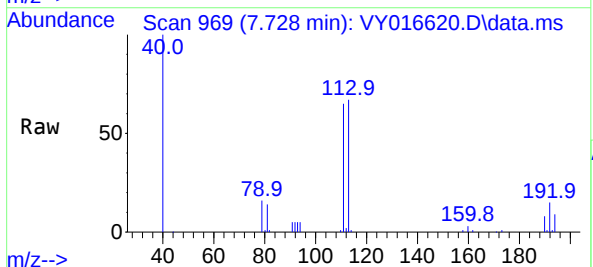
Tgt Ion:113 Resp: 26224

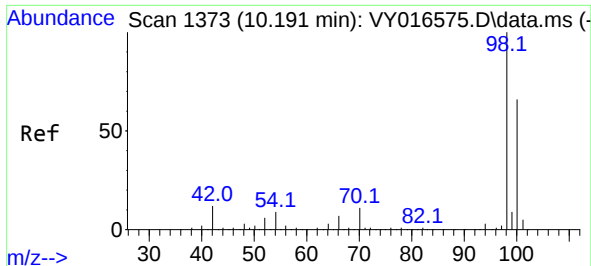
Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

192 23.0 16.9 25.3

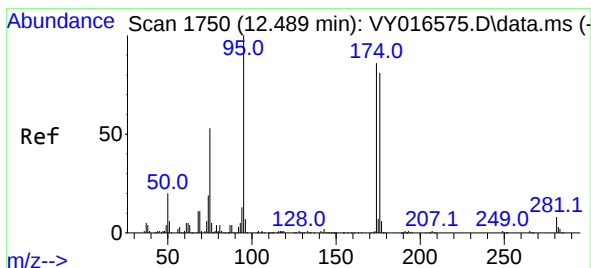
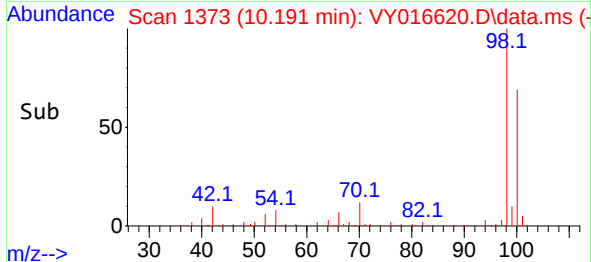
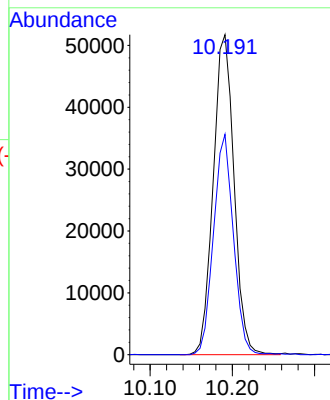
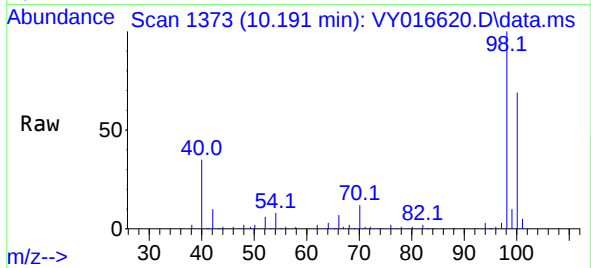




#50
Toluene-d8
Concen: 50.165 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

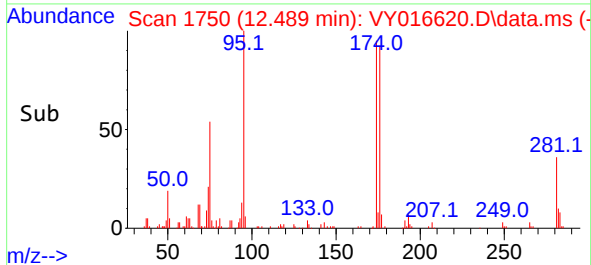
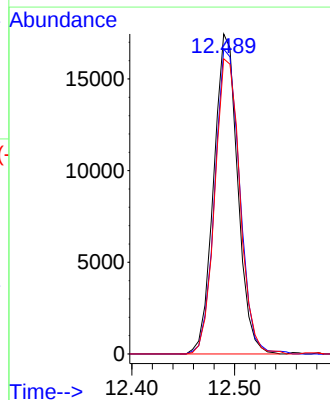
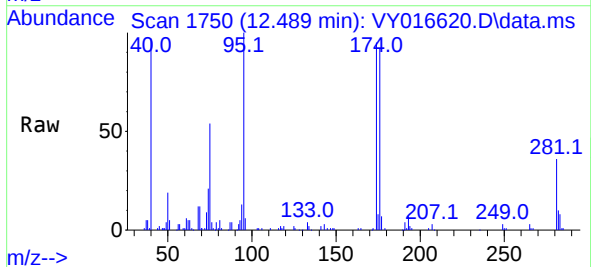
Instrument :
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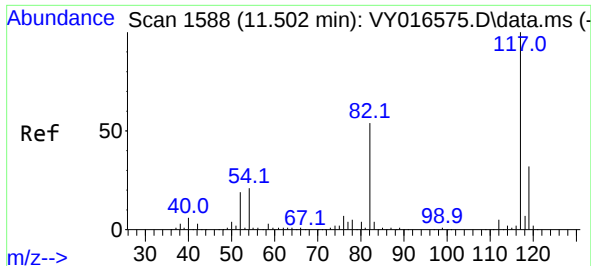
Tgt Ion: 98 Resp: 90917
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.394 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion: 95 Resp: 28247
Ion Ratio Lower Upper
95 100
174 98.8 0.0 178.2
176 96.3 0.0 173.8

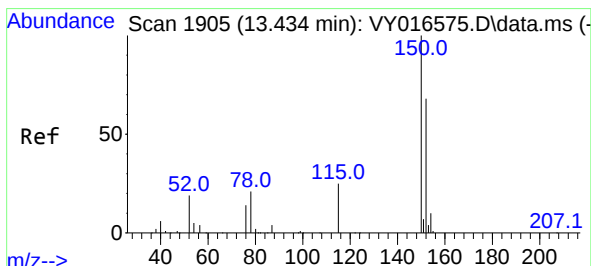
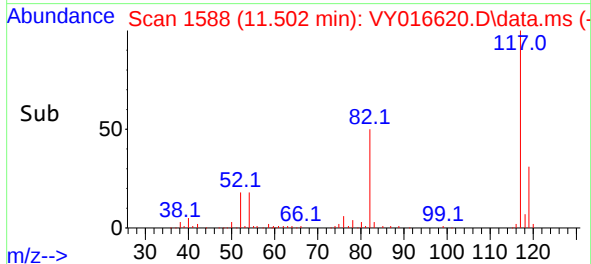
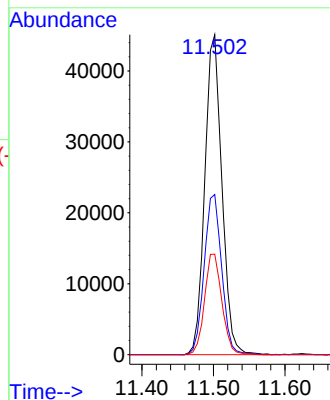
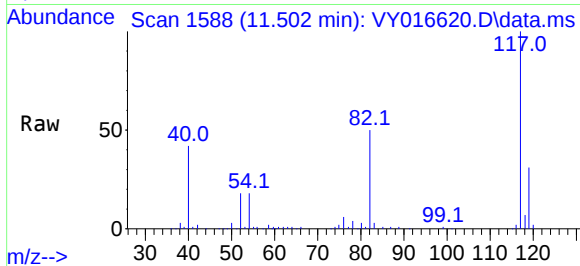




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-08RE

Tgt Ion:	117	Resp:	75025
Ion	Ratio	Lower	Upper
117	100		
82	50.1	43.4	65.0
119	31.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016620.D
Acq: 06 Dec 2023 16:54

Tgt Ion:	152	Resp:	33140
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.8	86.5
150	152.4	0.0	348.8

