

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016705.D
 Acq On : 19 Dec 2023 20:03
 Operator : SY/MD
 Sample : 05796-03
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-12-13

Quant Time: Dec 20 06:39:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

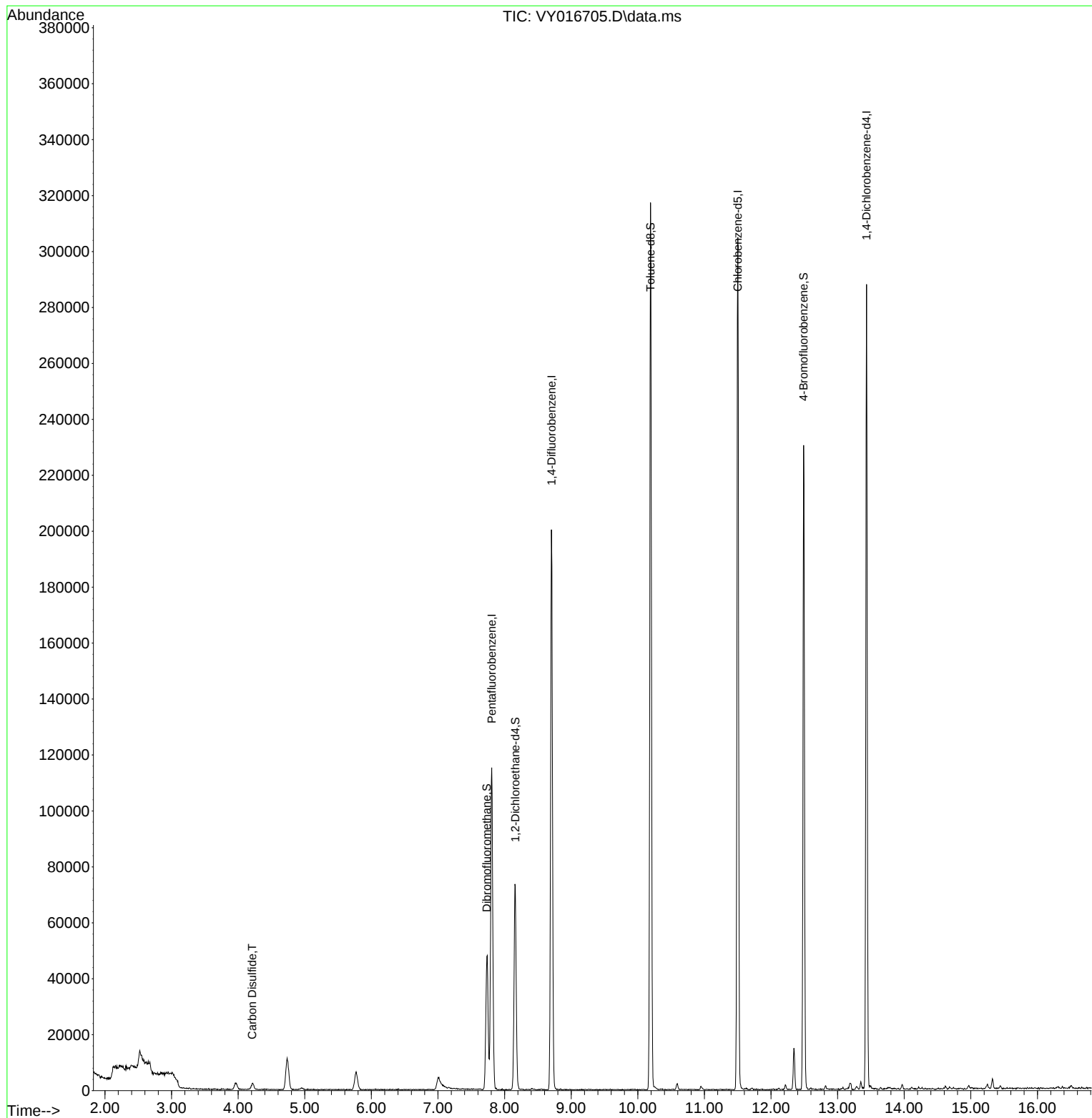
Internal Standards						
1) Pentafluorobenzene	7.807	168	93797	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	170717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	167660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	57289	73.842	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.680%	
35) Dibromofluoromethane	7.734	113	33569	33.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.780%	
50) Toluene-d8	10.191	98	207665	57.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.060%	
62) 4-Bromofluorobenzene	12.489	95	59899	57.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.700%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.210	76	4071	1.947	ug/l	# 81

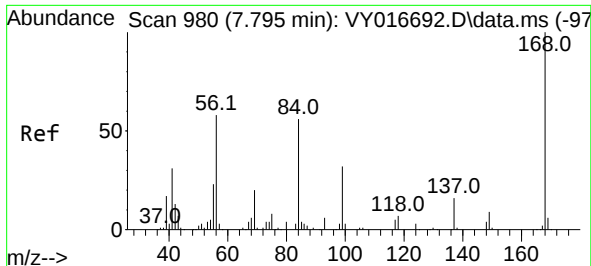
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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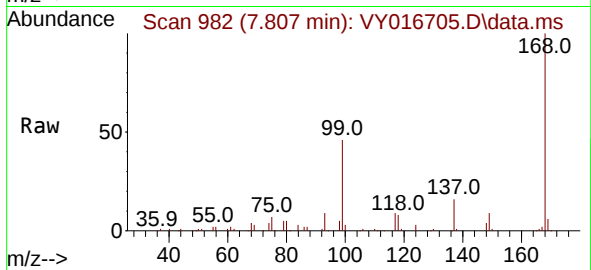
Quant Time: Dec 20 06:39:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
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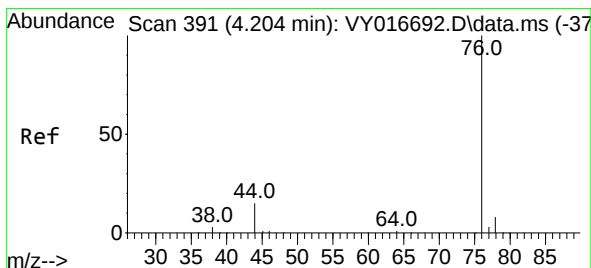
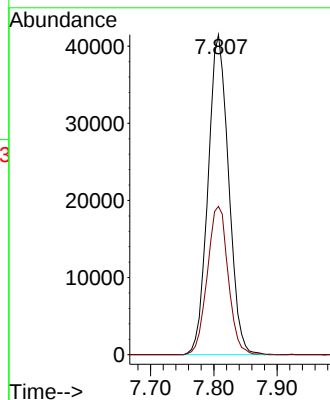
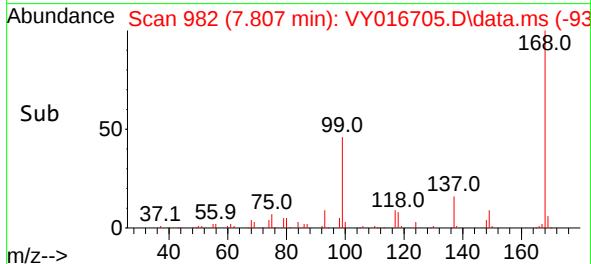


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016705.D
Acq: 19 Dec 2023 20:03

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-12-13

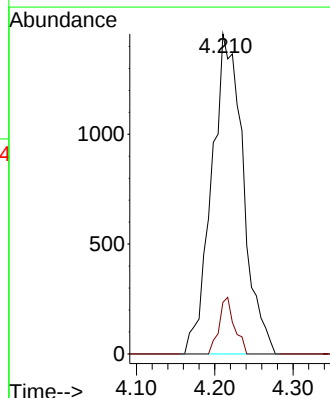
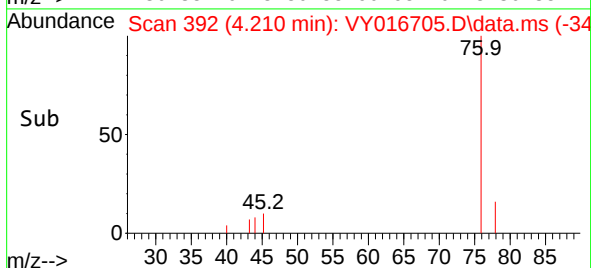
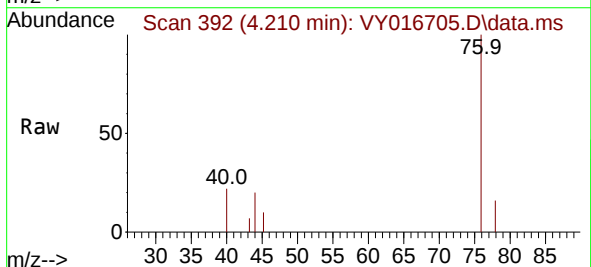


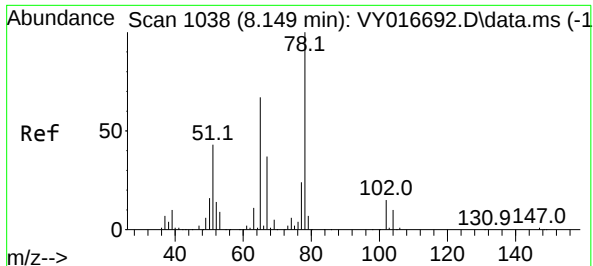
Tgt Ion:168 Resp: 93797
Ion Ratio Lower Upper
168 100
99 46.3 40.2 60.4



#17
Carbon Disulfide
Concen: 1.947 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016705.D
Acq: 19 Dec 2023 20:03

Tgt Ion: 76 Resp: 4071
Ion Ratio Lower Upper
76 100
78 16.1 7.3 10.9#





#33

1,2-Dichloroethane-d4

Concen: 73.842 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016705.D

Acq: 19 Dec 2023 20:03

Instrument :

MSVOA_Y

ClientSampleId :

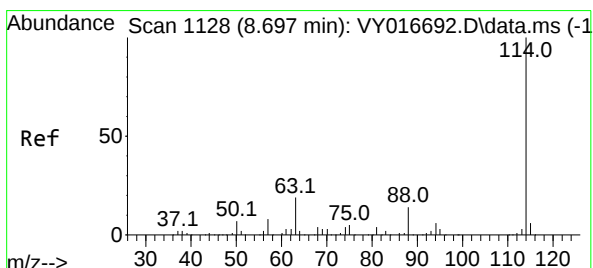
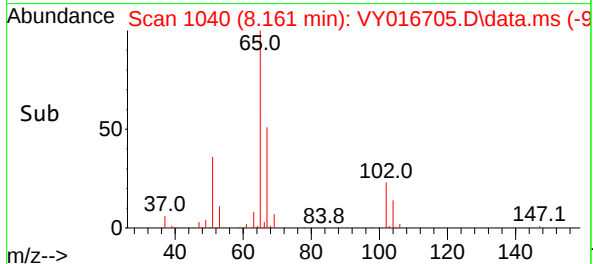
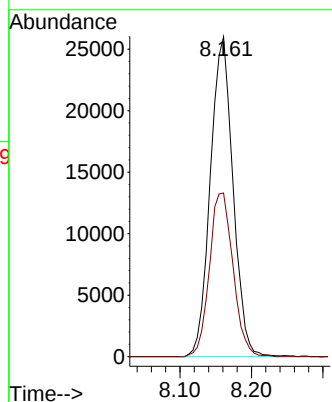
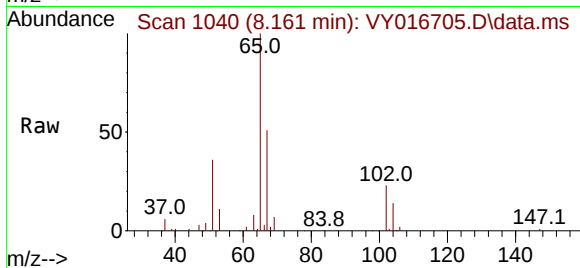
RT-SB-04-12-13

Tgt Ion: 65 Resp: 57289

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016705.D

Acq: 19 Dec 2023 20:03

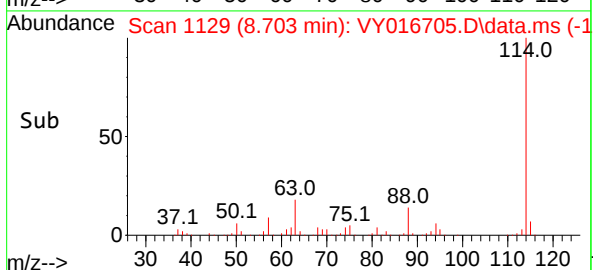
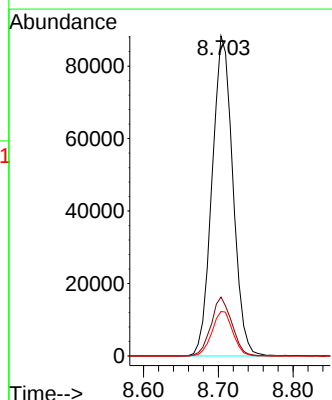
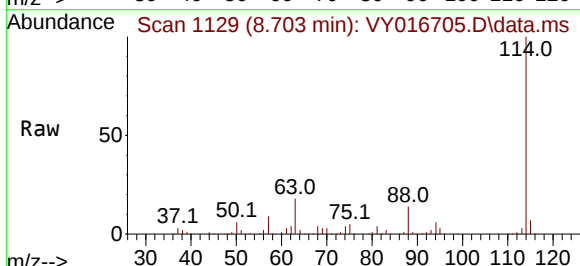
Tgt Ion: 114 Resp: 170717

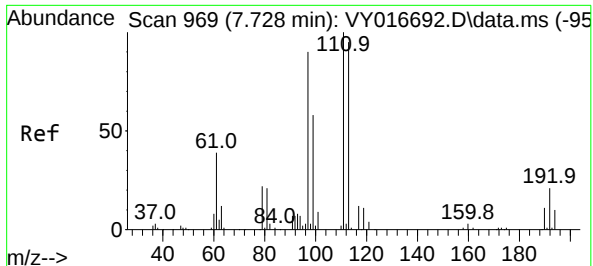
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.0

88 13.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 33.387 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016705.D

Acq: 19 Dec 2023 20:03

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-12-13

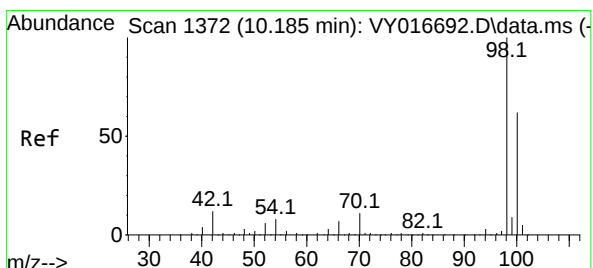
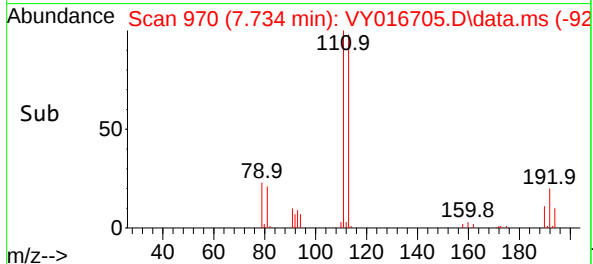
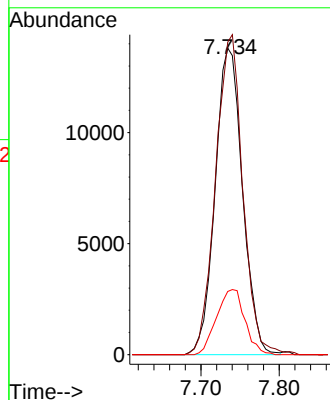
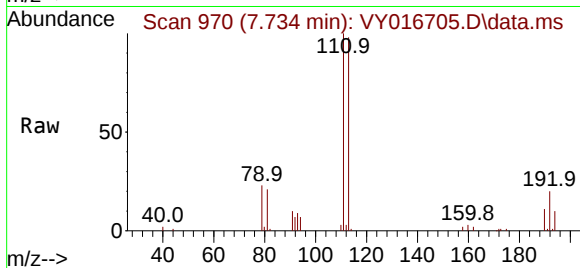
Tgt Ion:113 Resp: 33569

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 21.9 16.2 24.4



#50

Toluene-d8

Concen: 57.029 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY016705.D

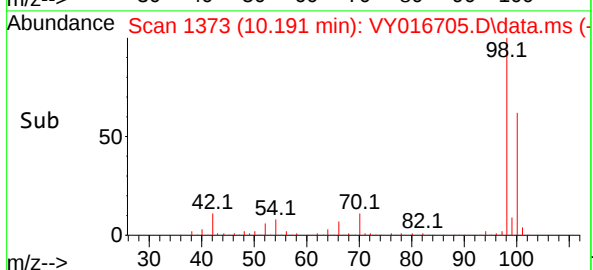
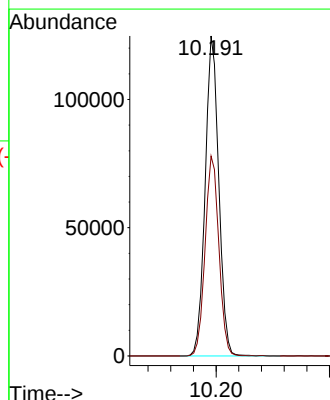
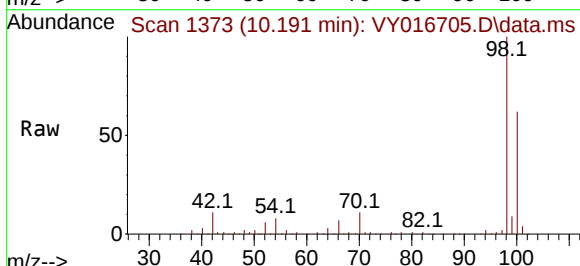
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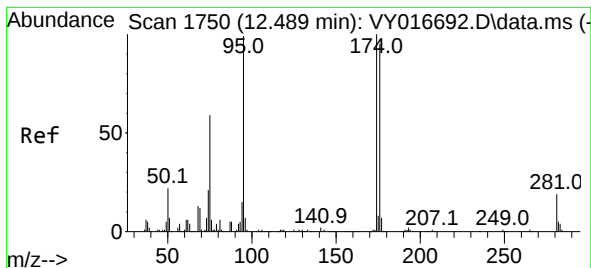
Tgt Ion: 98 Resp: 207665

Ion Ratio Lower Upper

98 100

100 63.3 52.5 78.7

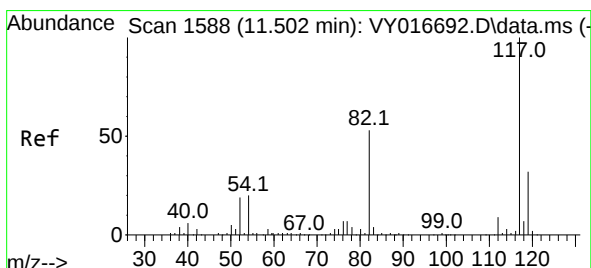
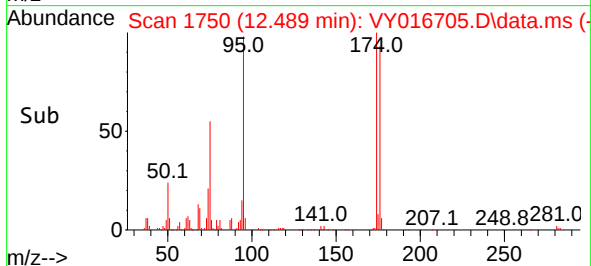
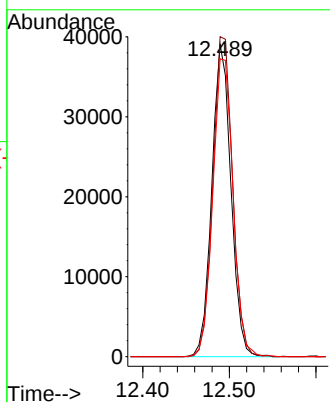
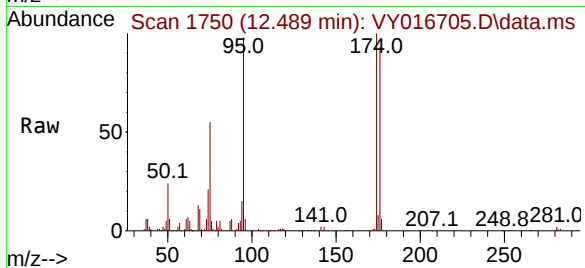




#62
4-Bromofluorobenzene
Concen: 57.854 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016705.D
Acq: 19 Dec 2023 20:03

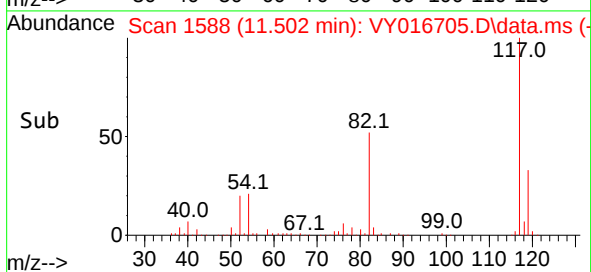
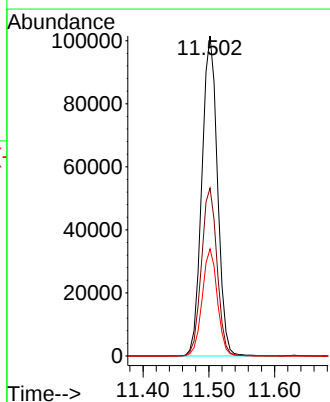
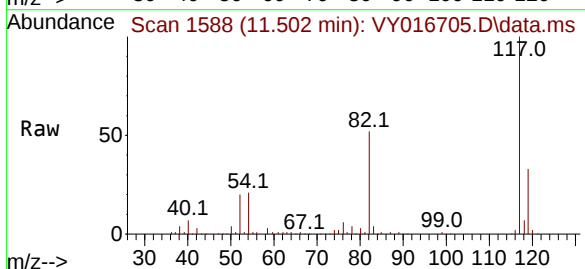
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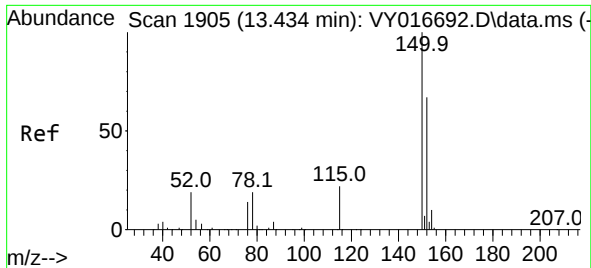
Tgt Ion: 95 Resp: 59899
Ion Ratio Lower Upper
95 100
174 105.7 0.0 181.0
176 100.7 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016705.D
Acq: 19 Dec 2023 20:03

Tgt Ion: 117 Resp: 167660
Ion Ratio Lower Upper
117 100
82 52.4 41.0 61.6
119 33.4 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016705.D
 Acq: 19 Dec 2023 20:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-12-13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.8	28.2	84.7
150	156.9	0.0	350.6

