

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016712.D
 Acq On : 19 Dec 2023 22:47
 Operator : SY/MD
 Sample : 05827-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-07-10-11

Quant Time: Dec 20 06:41:35 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)

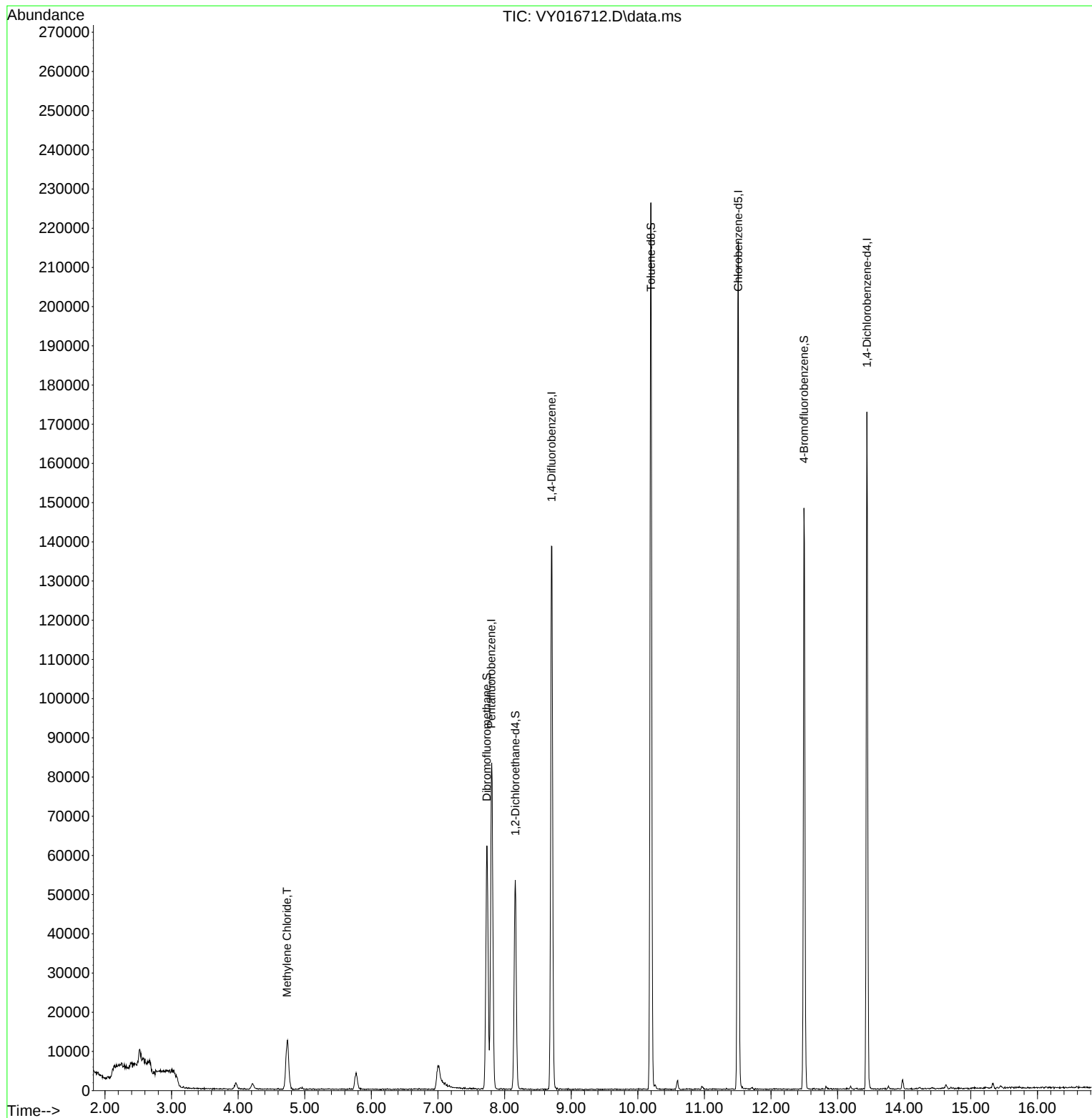
Internal Standards						
1) Pentafluorobenzene	7.801	168	69778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	123977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	116595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	45062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	41610	72.094	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.180%	
35) Dibromofluoromethane	7.734	113	43699	59.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.700%	
50) Toluene-d8	10.197	98	148986	56.340	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.680%	
62) 4-Bromofluorobenzene	12.495	95	38712	51.486	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.980%	
Target Compounds						Qvalue
20) Methylene Chloride	4.734	84	9552	11.182	ug/l	94

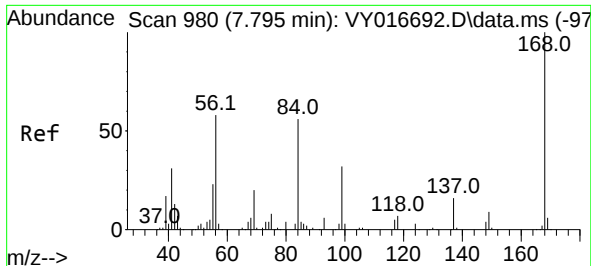
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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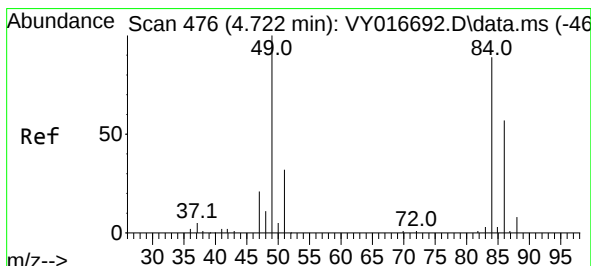
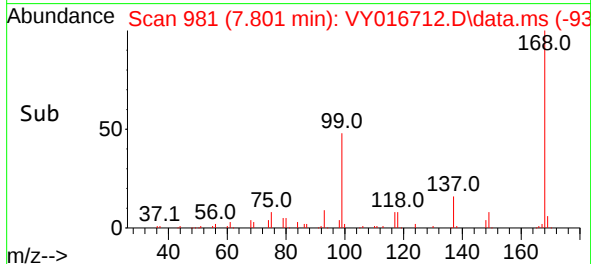
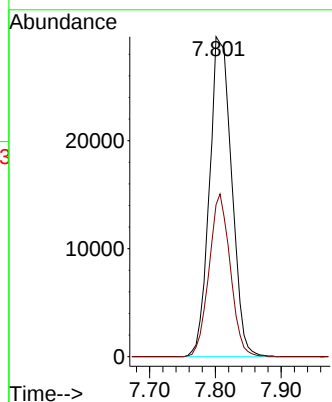
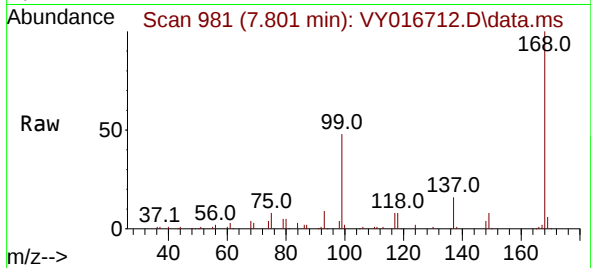




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

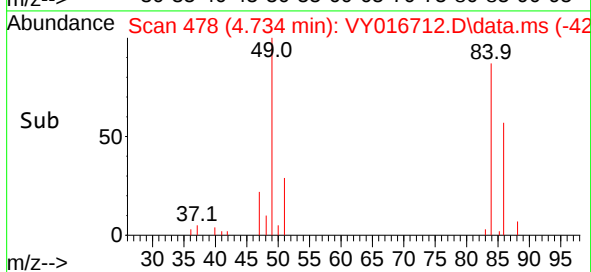
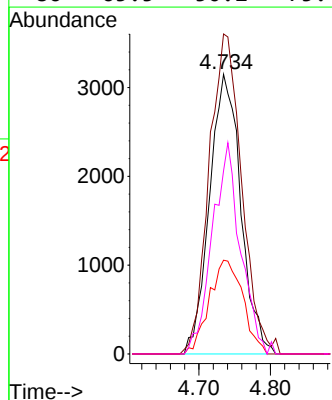
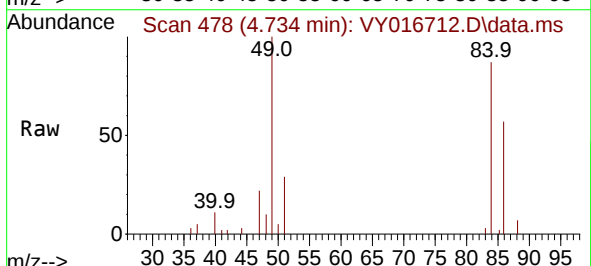
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-07-10-11

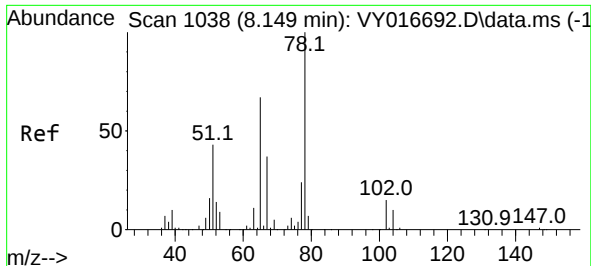
Tgt Ion:168 Resp: 69778
Ion Ratio Lower Upper
168 100
99 47.5 40.2 60.4



#20
Methylene Chloride
Concen: 11.182 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.012 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

Tgt Ion: 84 Resp: 9552
Ion Ratio Lower Upper
84 100
49 114.4 83.8 125.8
51 33.5 27.2 40.8
86 65.5 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 72.094 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016712.D

Acq: 19 Dec 2023 22:47

Instrument :

MSVOA_Y

ClientSampleId :

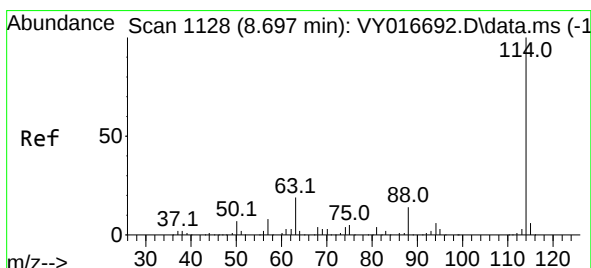
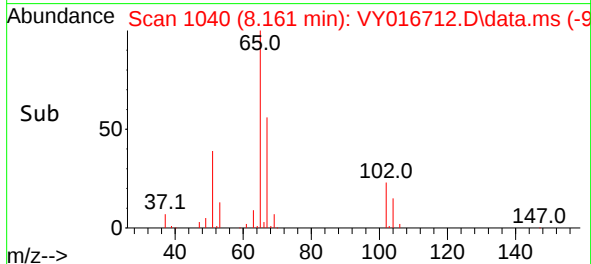
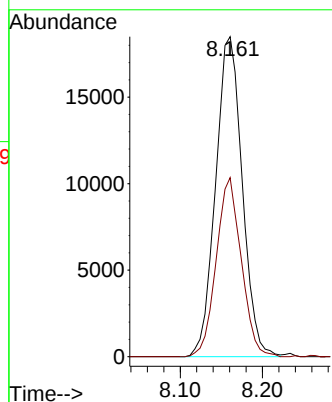
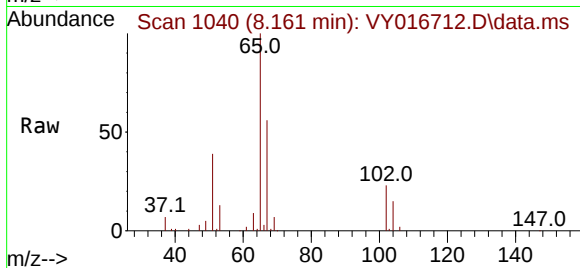
RT-SB-07-10-11

Tgt Ion: 65 Resp: 41610

Ion Ratio Lower Upper

65 100

67 52.6 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: VY016712.D

Acq: 19 Dec 2023 22:47

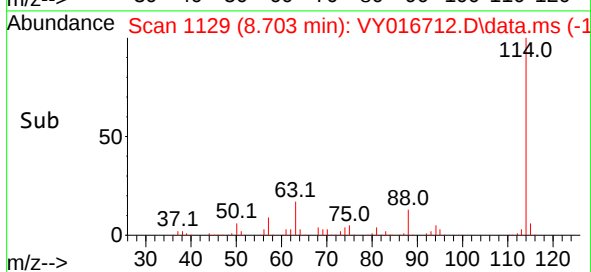
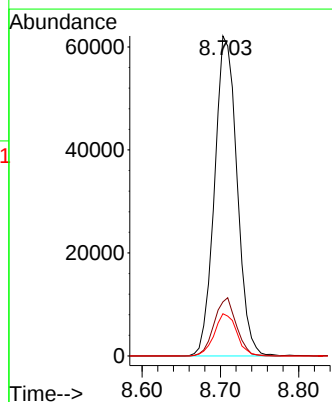
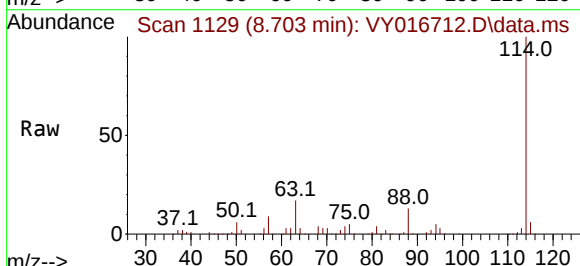
Tgt Ion: 114 Resp: 123977

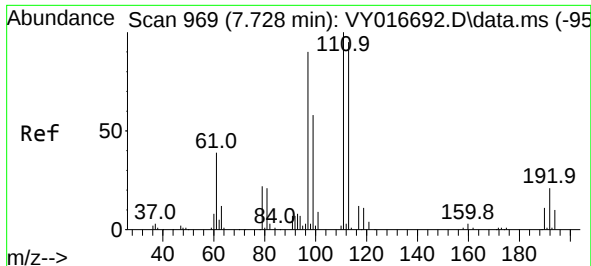
Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 13.2 0.0 29.2

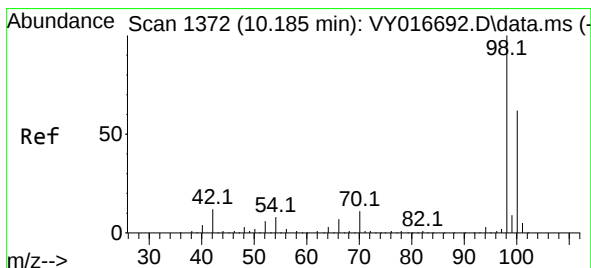
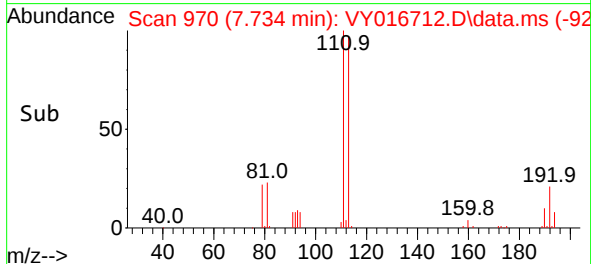
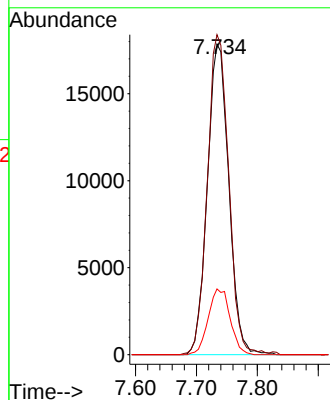
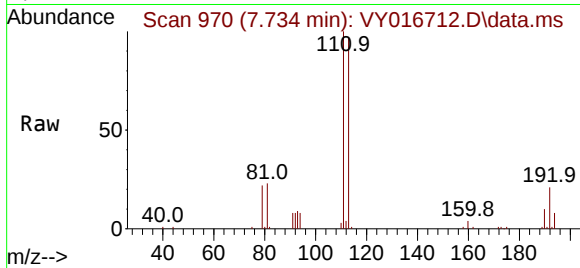




#35
Dibromofluoromethane
Concen: 59.847 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

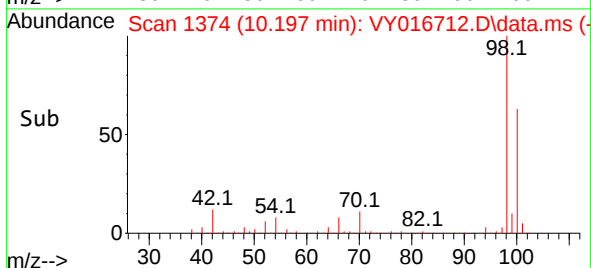
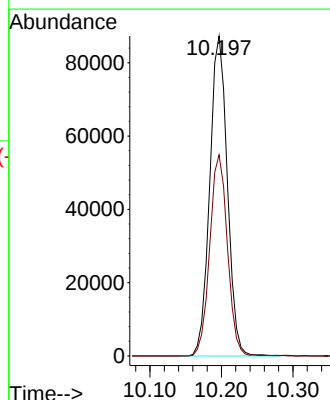
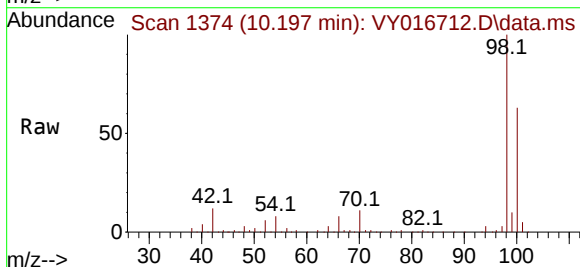
Instrument :
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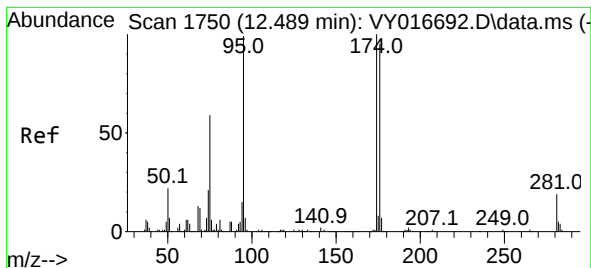
Tgt Ion:113 Resp: 43699
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.6 16.2 24.4



#50
Toluene-d8
Concen: 56.340 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

Tgt Ion: 98 Resp: 148986
Ion Ratio Lower Upper
98 100
100 63.2 52.5 78.7

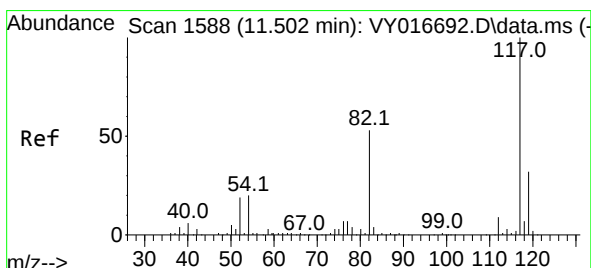
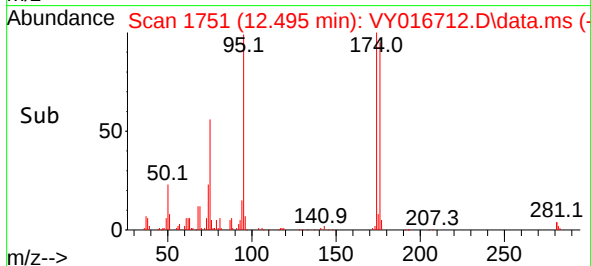
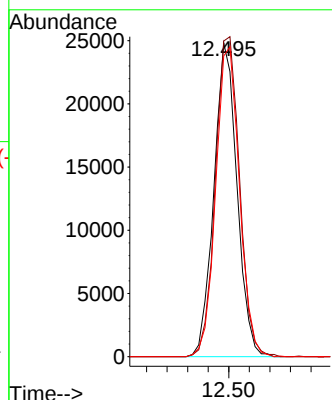
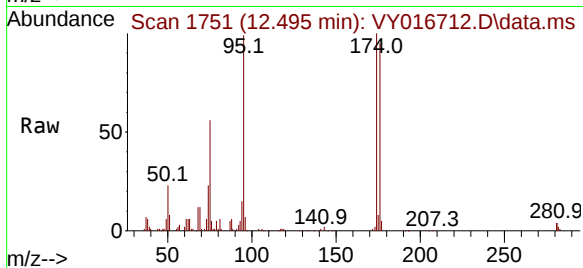




#62
4-Bromofluorobenzene
Concen: 51.486 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

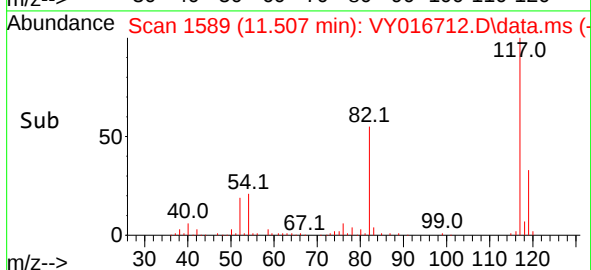
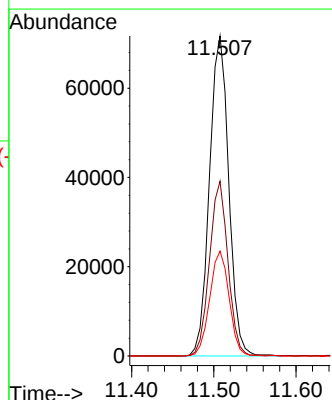
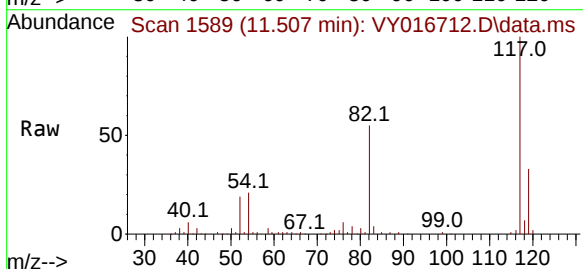
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MSVOA_Y
ClientSampleId :
RT-SB-07-10-11

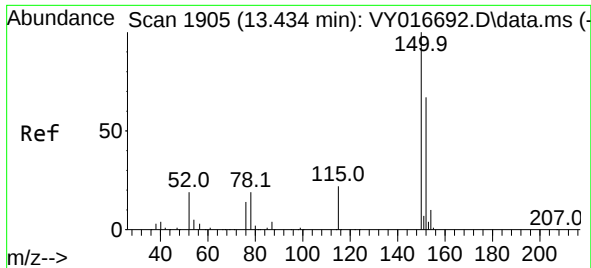
Tgt Ion: 95 Resp: 38712
Ion Ratio Lower Upper
95 100
174 106.5 0.0 181.0
176 101.2 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.507 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016712.D
Acq: 19 Dec 2023 22:47

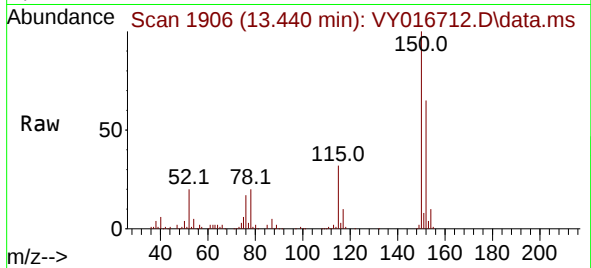
Tgt Ion: 117 Resp: 116595
Ion Ratio Lower Upper
117 100
82 54.6 41.0 61.6
119 32.8 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016712.D
 Acq: 19 Dec 2023 22:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-07-10-11



Tgt Ion:152 Resp: 45062
 Ion Ratio Lower Upper
 152 100
 115 51.7 28.2 84.7
 150 155.9 0.0 350.6

