

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092624\
 Data File : VY019708.D
 Acq On : 26 Sep 2024 13:05
 Operator : SY/MD
 Sample : P4178-04RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ231RE

Quant Time: Sep 26 16:01:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

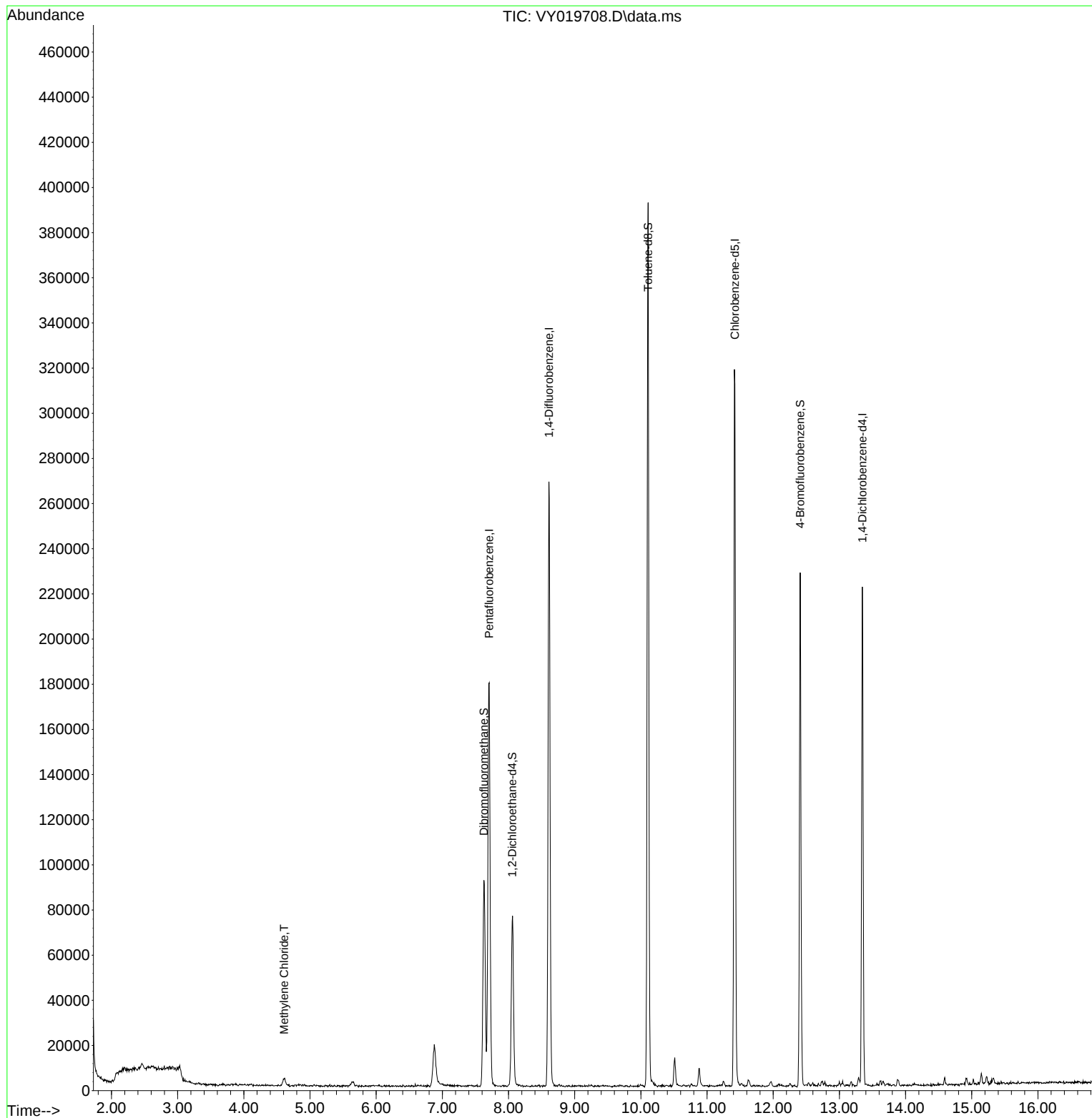
Internal Standards						
1) Pentafluorobenzene	7.707	168	135895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	225754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	171979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	59804	47.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.628	113	66616	52.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.109	98	255598	53.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.407	95	67460	37.058	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.120%
Target Compounds						
20) Methylene Chloride	4.610	84	2462	1.801	ug/l	Qvalue 94

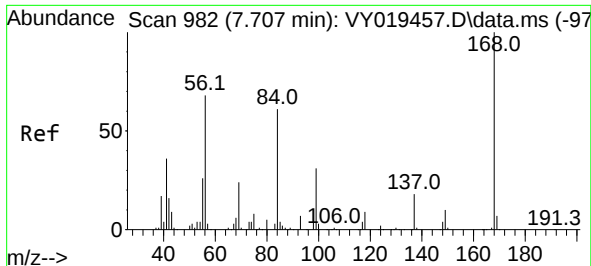
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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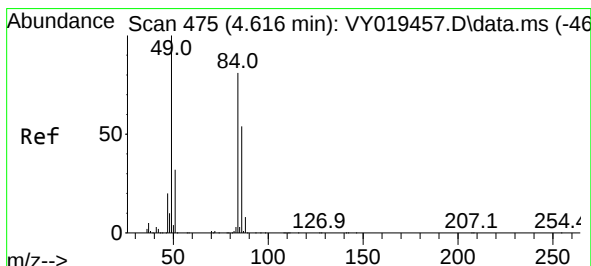
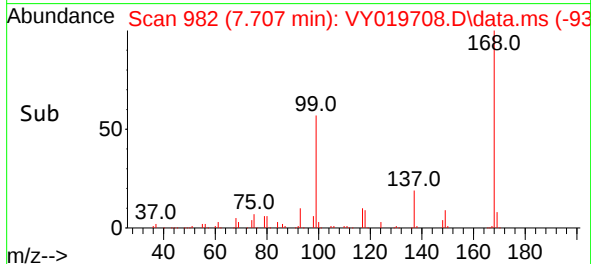
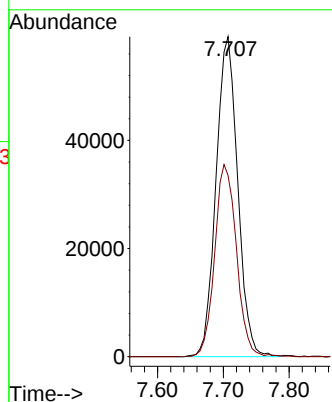
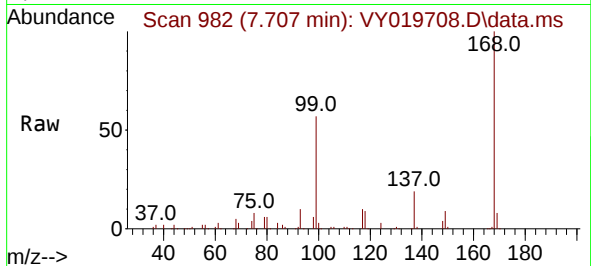




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

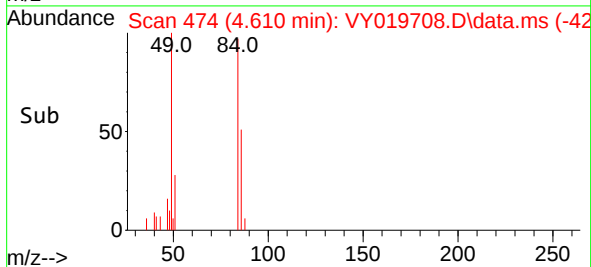
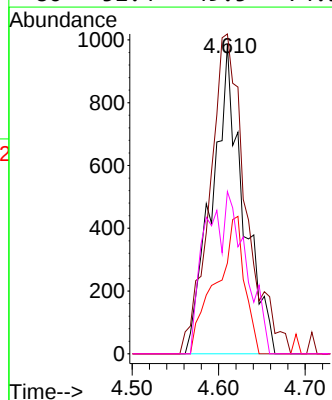
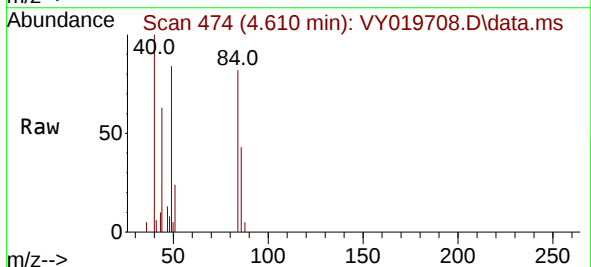
Instrument :
MSVOA_Y
ClientSampleId :
VNJ231RE

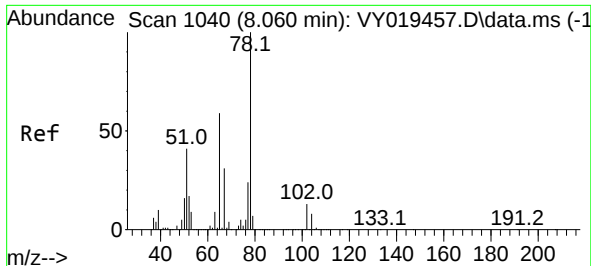
Tgt Ion:168 Resp: 135895
Ion Ratio Lower Upper
168 100
99 56.7 39.1 58.7



#20
Methylene Chloride
Concen: 1.801 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

Tgt Ion: 84 Resp: 2462
Ion Ratio Lower Upper
84 100
49 103.3 84.4 126.6
51 29.3 26.0 39.0
86 52.4 49.5 74.3

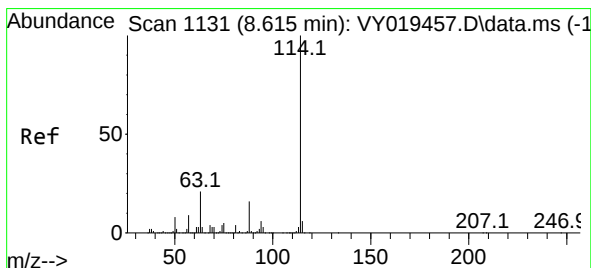
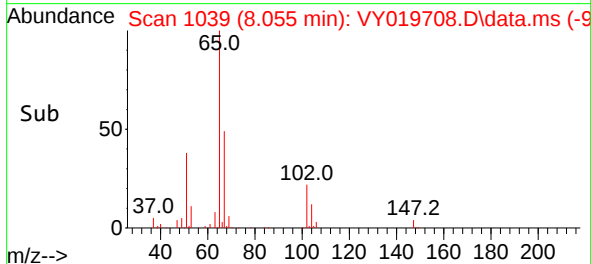
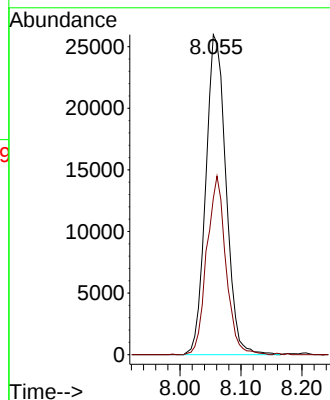
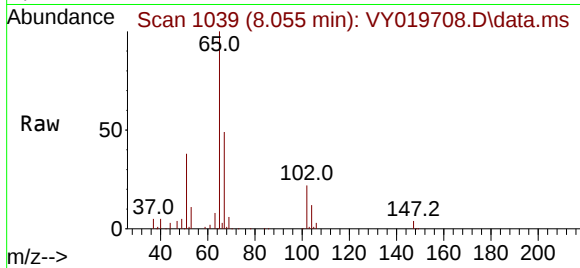




#33
 1,2-Dichloroethane-d4
 Concen: 47.525 ug/l
 RT: 8.055 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019708.D
 Acq: 26 Sep 2024 13:05

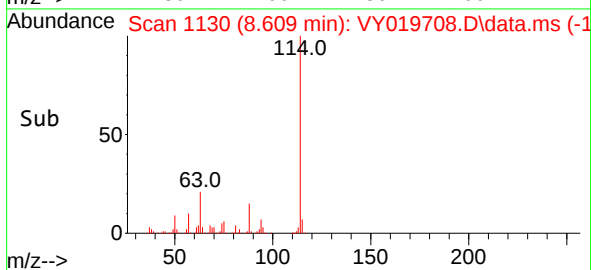
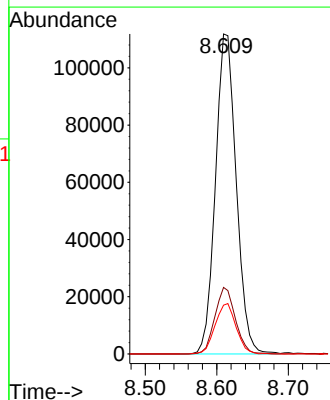
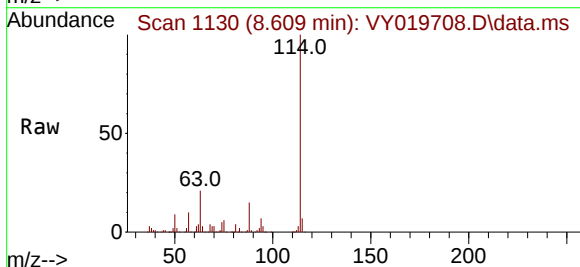
Instrument :
 MSVOA_Y
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 VNJ231RE

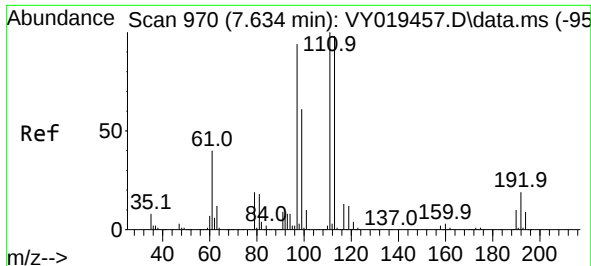
Tgt Ion: 65 Resp: 59804
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY019708.D
 Acq: 26 Sep 2024 13:05

Tgt Ion: 114 Resp: 225754
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 35.0
 88 15.3 0.0 27.2

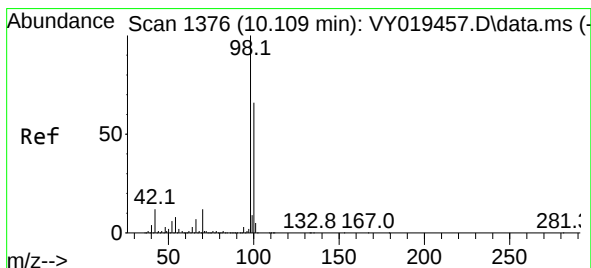
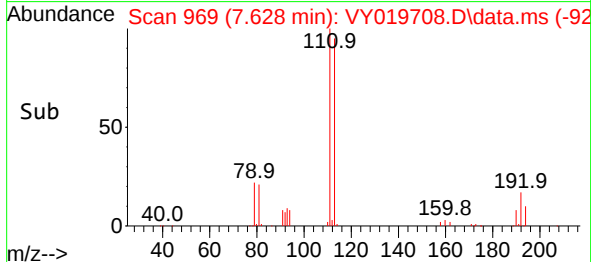
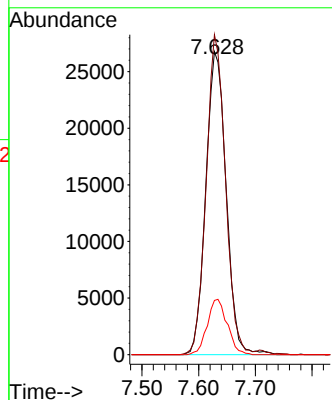
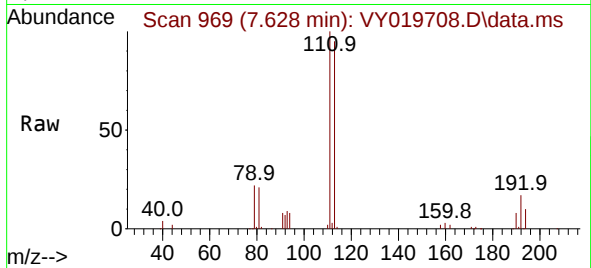




#35
Dibromofluoromethane
Concen: 52.044 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

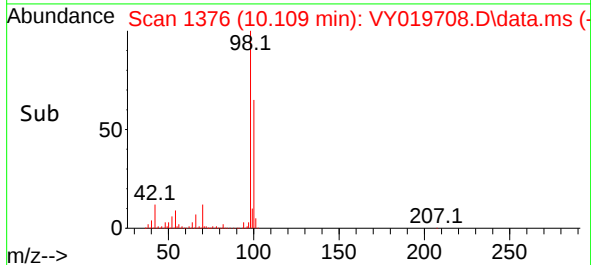
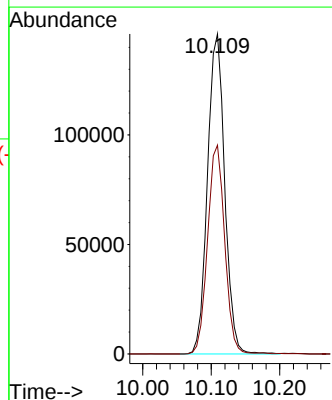
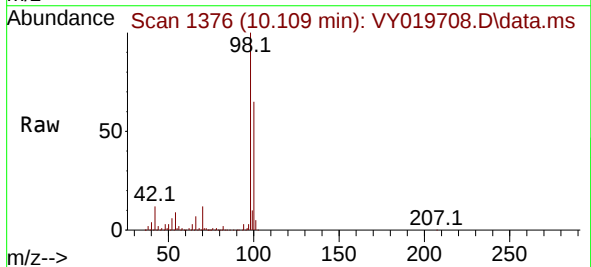
Instrument :
MSVOA_Y
ClientSampleId :
VNJ231RE

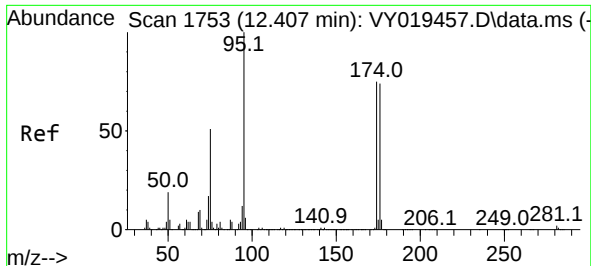
Tgt Ion:113 Resp: 66616
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 18.0 15.9 23.9



#50
Toluene-d8
Concen: 53.988 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

Tgt Ion: 98 Resp: 255598
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

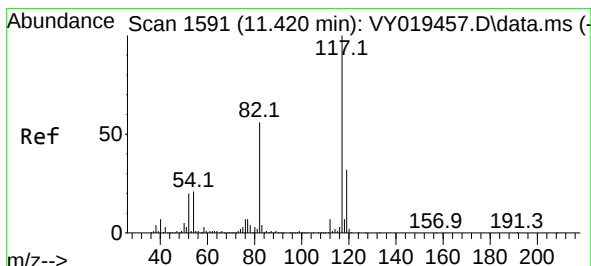
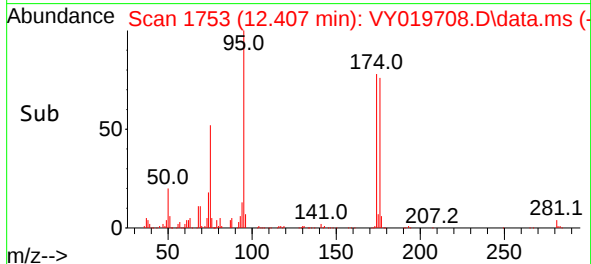
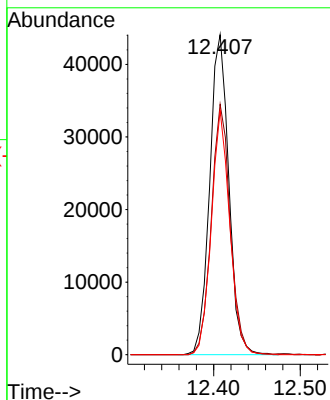
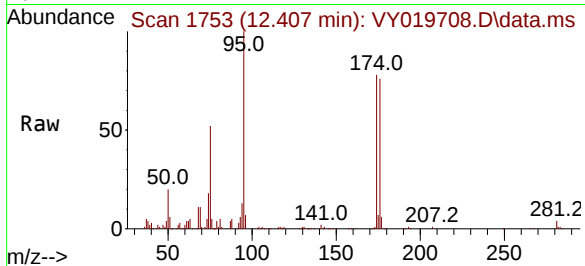




#62
4-Bromofluorobenzene
Concen: 37.058 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

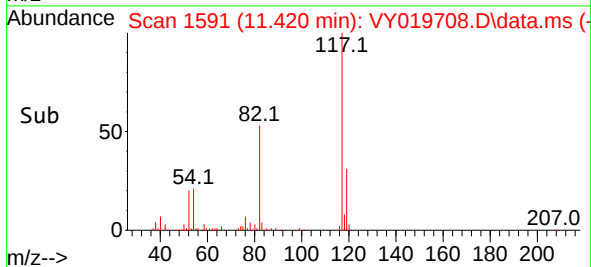
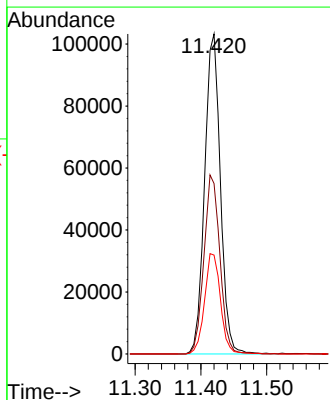
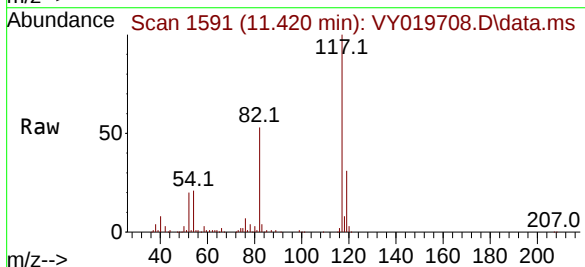
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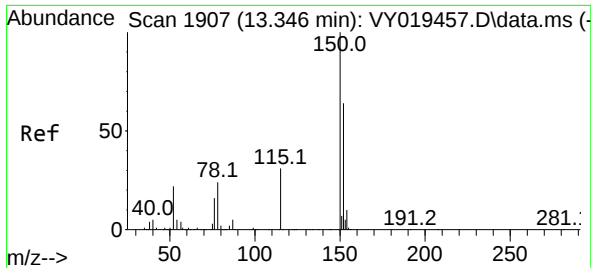
Tgt Ion: 95 Resp: 67460
Ion Ratio Lower Upper
95 100
174 77.6 0.0 175.6
176 73.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY019708.D
Acq: 26 Sep 2024 13:05

Tgt Ion: 117 Resp: 171979
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 30.9 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019708.D
 Acq: 26 Sep 2024 13:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ231RE

Tgt Ion:152 Resp: 53173
 Ion Ratio Lower Upper
 152 100
 115 61.4 28.2 84.7
 150 159.7 0.0 345.6

