

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090924\
 Data File : VY019472.D
 Acq On : 09 Sep 2024 17:54
 Operator : SY/MD
 Sample : P3905-01
 Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3A

Quant Time: Sep 10 01:50:18 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)

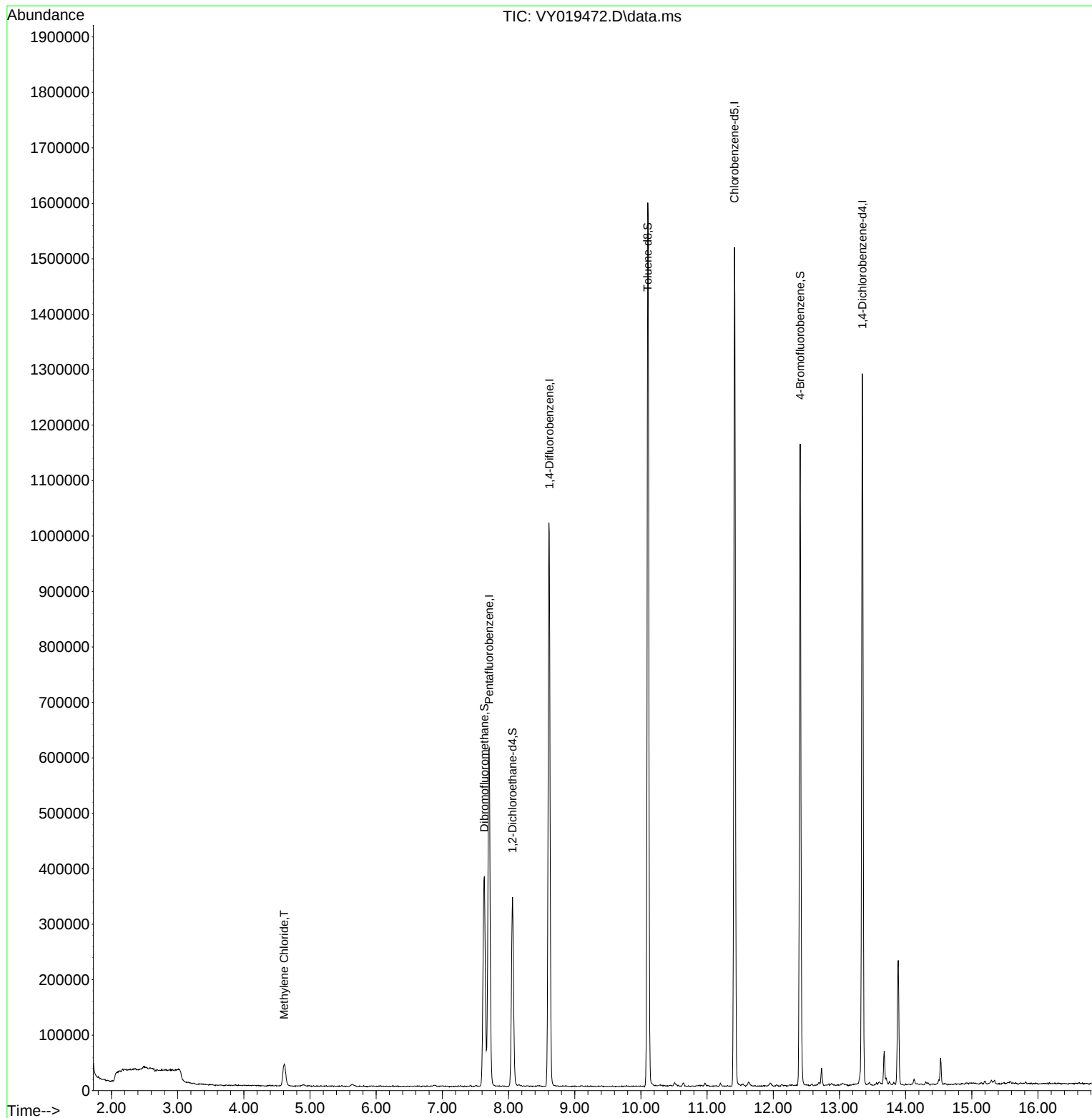
Internal Standards						
1) Pentafluorobenzene	7.707	168	460073	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	886077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	795333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	315580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	262668	61.657	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	123.320%	
35) Dibromofluoromethane	7.634	113	276390	55.015	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.040%	
50) Toluene-d8	10.103	98	1049860	56.498	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	113.000%	
62) 4-Bromofluorobenzene	12.408	95	359650	50.336	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	100.680%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.610	84	30115	6.506	ug/l	# 88

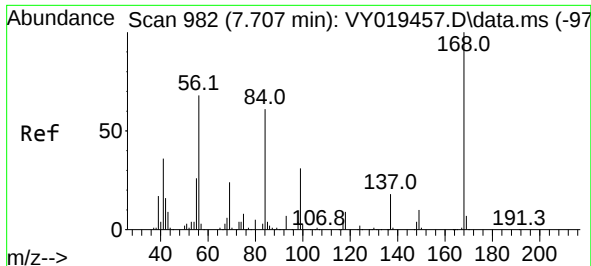
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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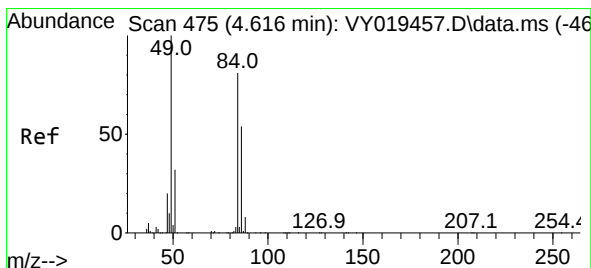
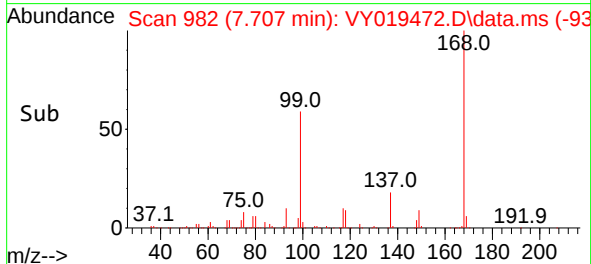
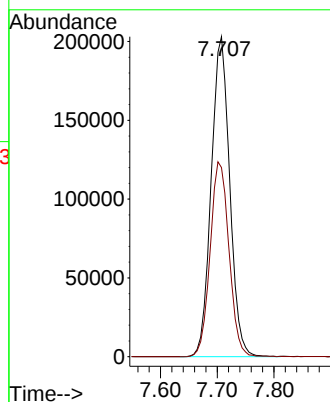
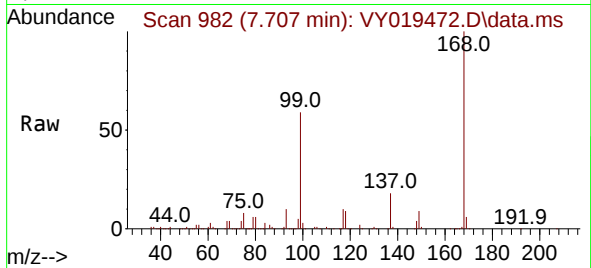




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

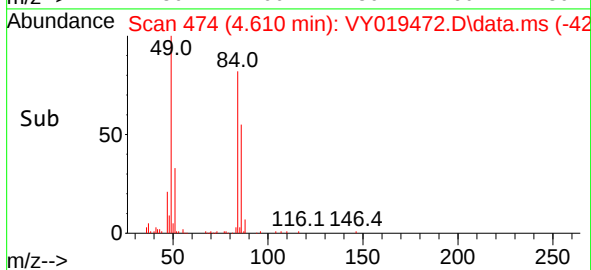
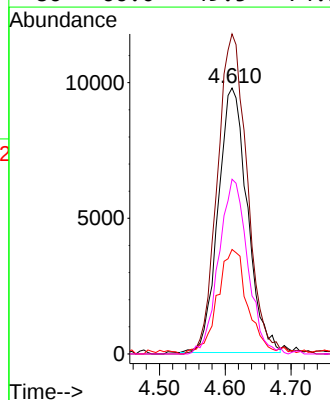
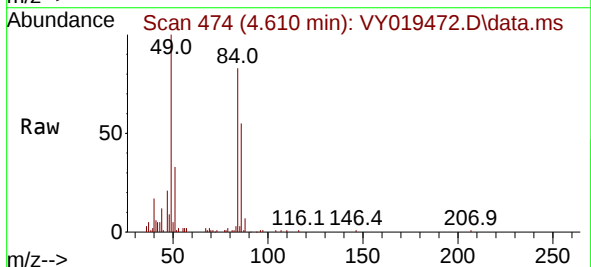
Instrument :
MSVOA_Y
ClientSampleId :
TP-3A

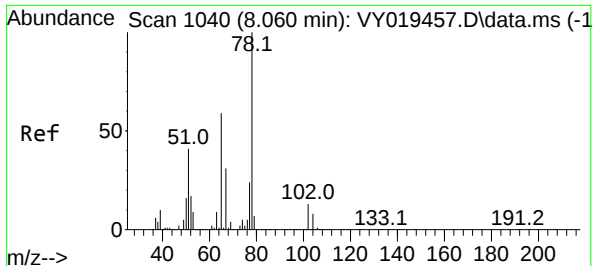
Tgt Ion:168 Resp: 460073
Ion Ratio Lower Upper
168 100
99 59.1 39.1 58.7#



#20
Methylene Chloride
Concen: 6.506 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 84 Resp: 30115
Ion Ratio Lower Upper
84 100
49 121.0 84.4 126.6
51 39.5 26.0 39.0#
86 66.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 61.657 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

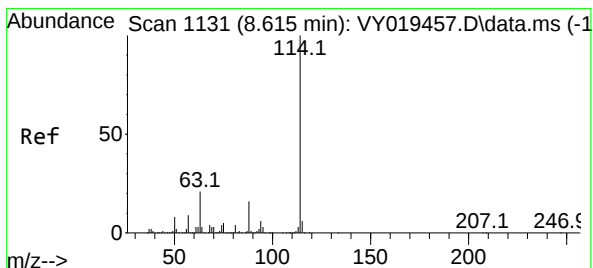
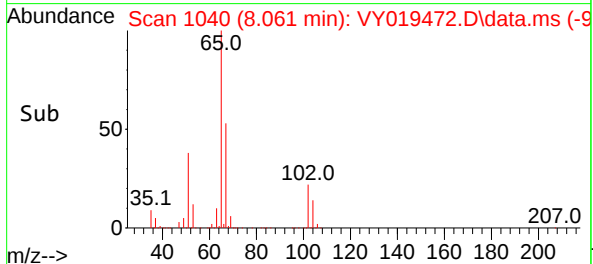
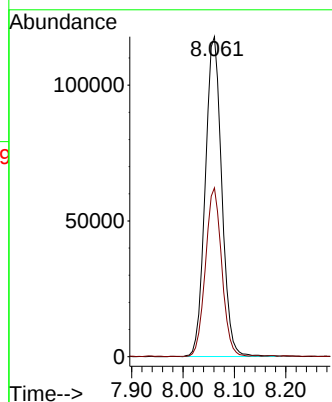
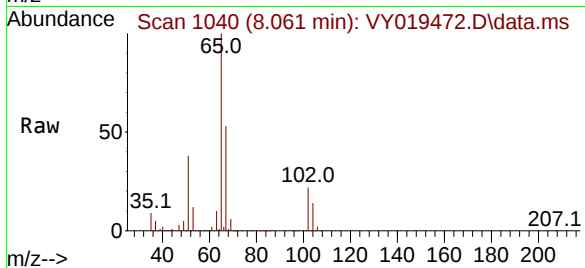
TP-3A

Tgt Ion: 65 Resp: 262668

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

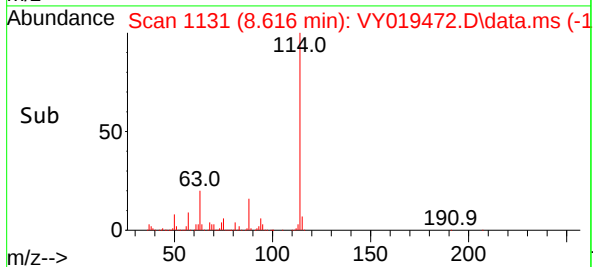
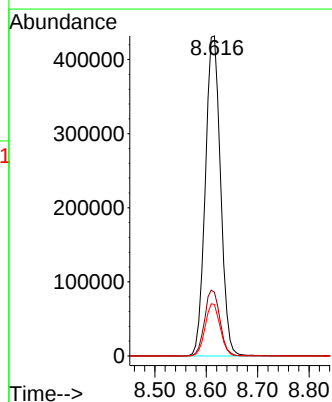
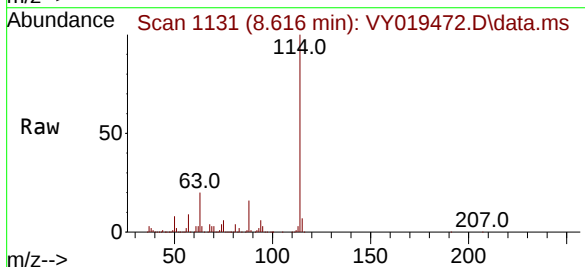
Tgt Ion: 114 Resp: 886077

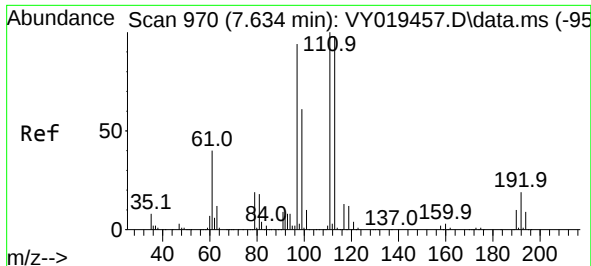
Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.0

88 16.1 0.0 27.2

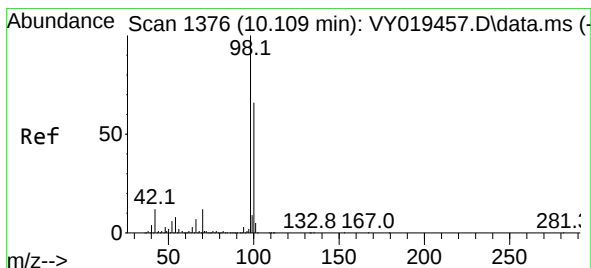
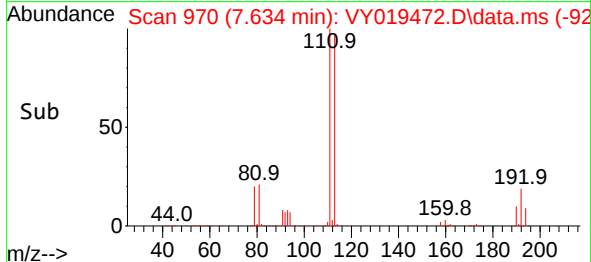
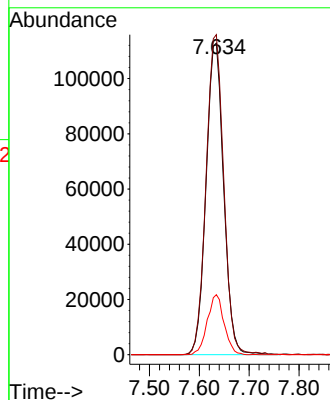
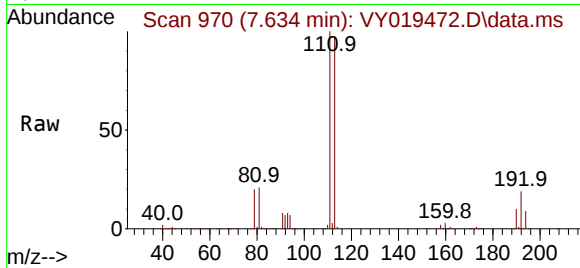




#35
Dibromofluoromethane
Concen: 55.015 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

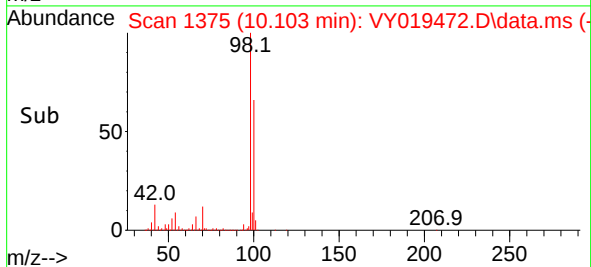
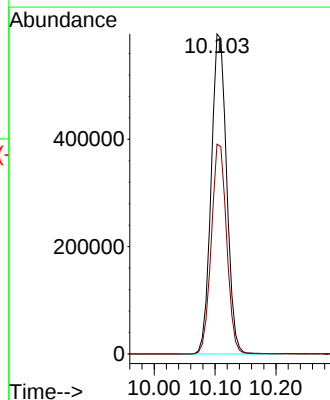
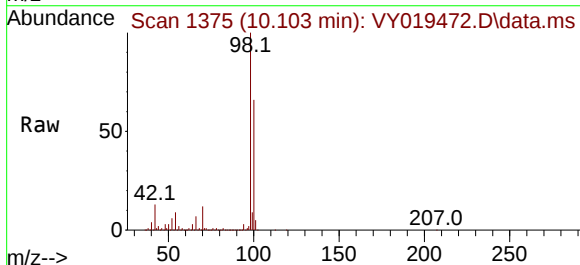
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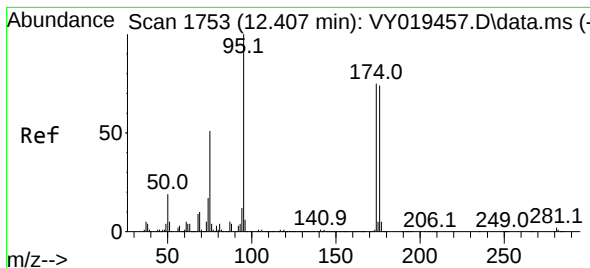
Tgt Ion:113 Resp: 276390
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.4 15.9 23.9



#50
Toluene-d8
Concen: 56.498 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019472.D
Acq: 09 Sep 2024 17:54

Tgt Ion: 98 Resp: 1049860
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 50.336 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

Instrument :

MSVOA_Y

ClientSampleId :

TP-3A

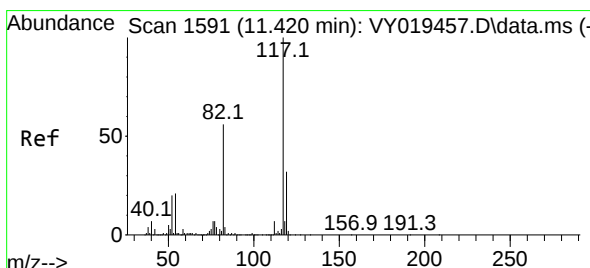
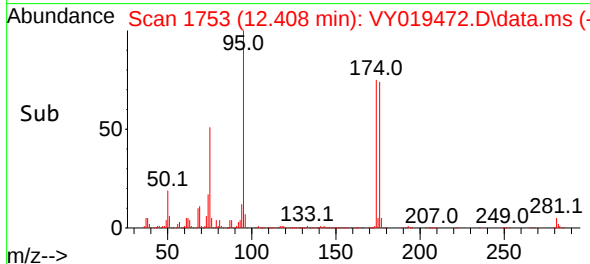
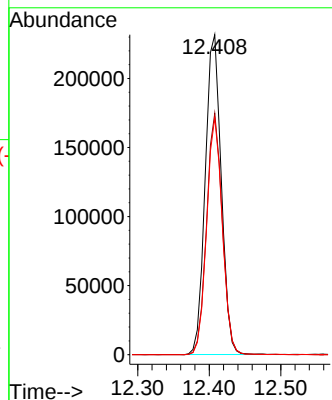
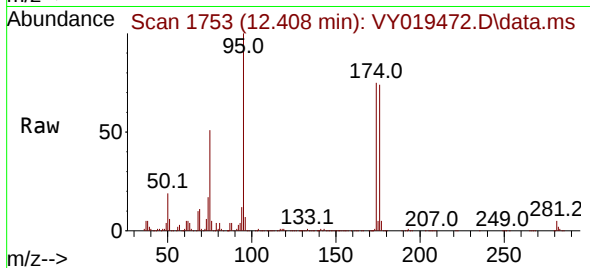
Tgt Ion: 95 Resp: 359650

Ion Ratio Lower Upper

95 100

174 74.5 0.0 175.6

176 72.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019472.D

Acq: 09 Sep 2024 17:54

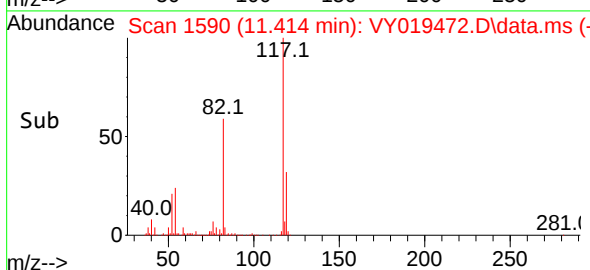
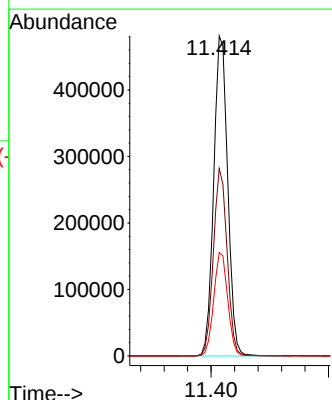
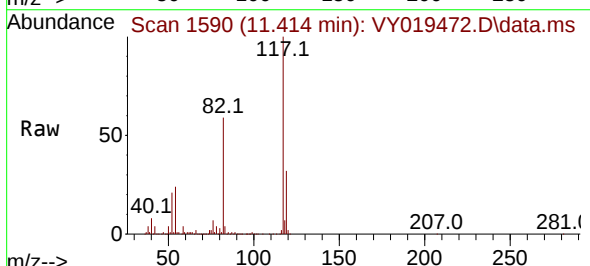
Tgt Ion: 117 Resp: 795333

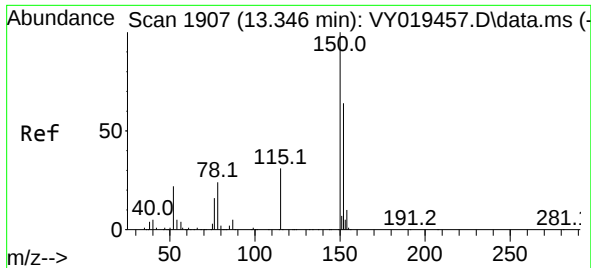
Ion Ratio Lower Upper

117 100

82 58.6 42.4 63.6

119 32.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019472.D
 Acq: 09 Sep 2024 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3A

Tgt Ion:152 Resp: 315580
 Ion Ratio Lower Upper
 152 100
 115 61.3 28.2 84.7
 150 156.1 0.0 345.6

