

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019516.D
 Acq On : 11 Sep 2024 18:03
 Operator : SY/MD
 Sample : P3911-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Sep 12 01:34:27 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)

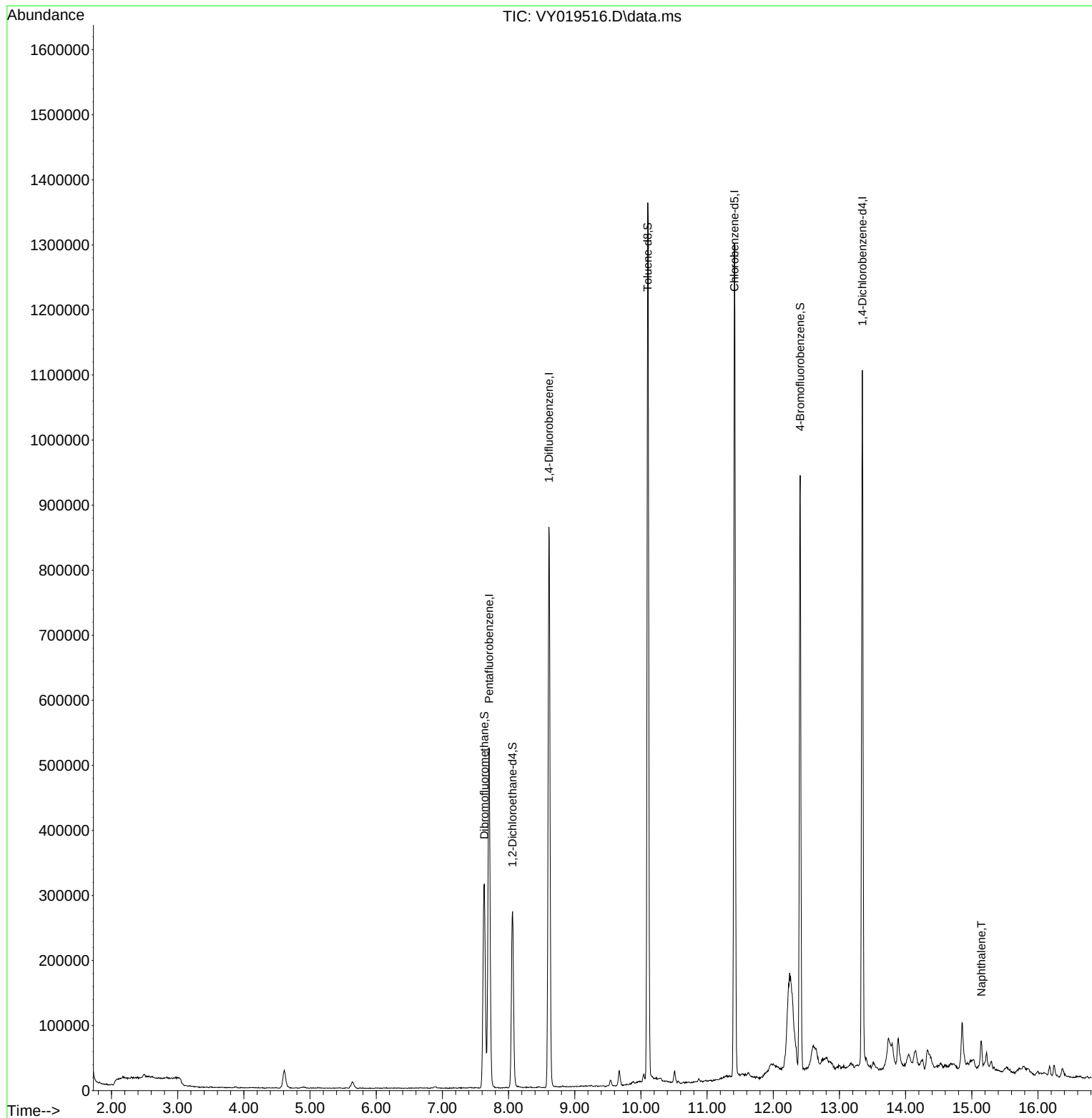
Internal Standards						
1) Pentafluorobenzene	7.707	168	383040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	728157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	660863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	258483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	218836	61.698	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	123.400%	
35) Dibromofluoromethane	7.634	113	228017	55.230	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.460%	
50) Toluene-d8	10.103	98	880848	57.683	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	115.360%	
62) 4-Bromofluorobenzene	12.407	95	291325	49.616	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	99.240%	
Target Compounds						
95) Naphthalene	15.145	128	29584	3.368	ug/l	Qvalue 95

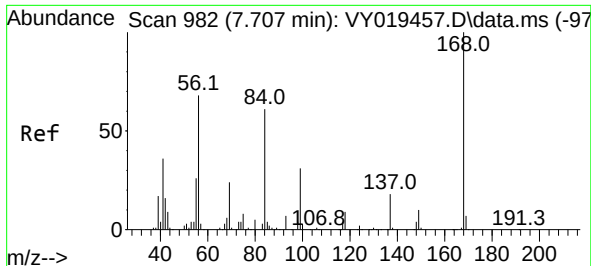
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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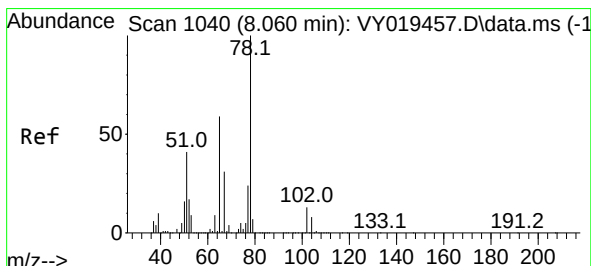
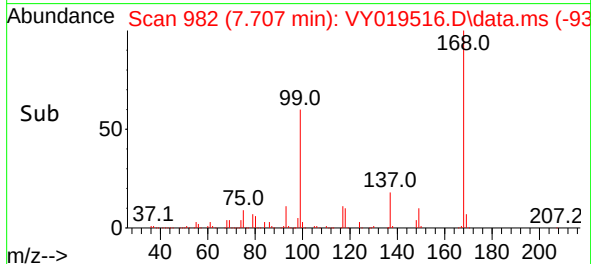
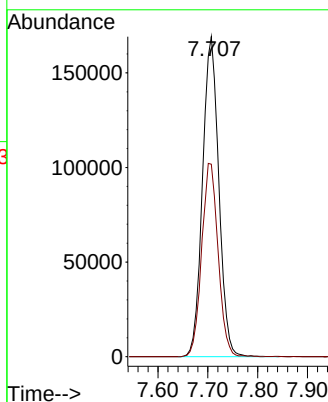
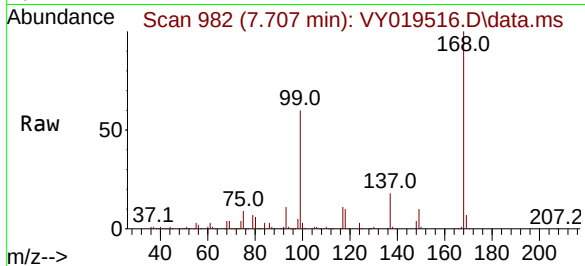




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

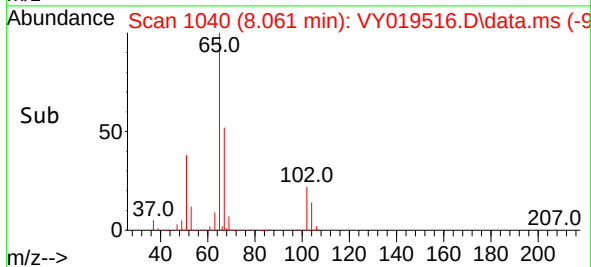
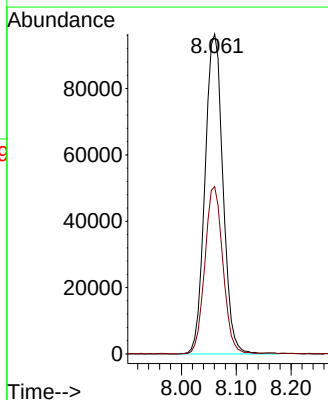
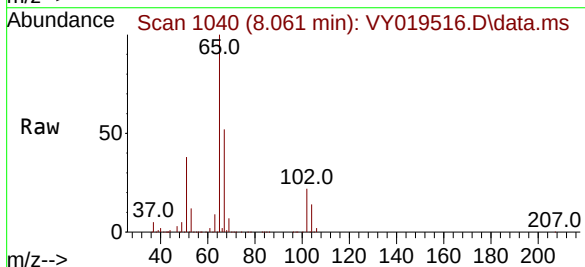
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

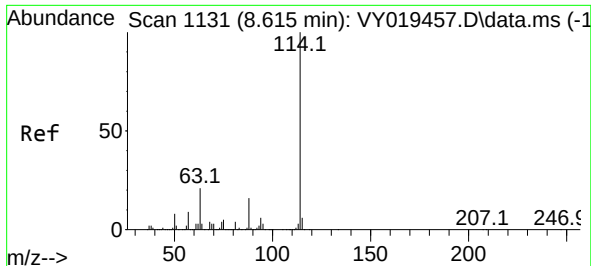
Tgt Ion:168 Resp: 383040
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 61.698 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 65 Resp: 218836
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

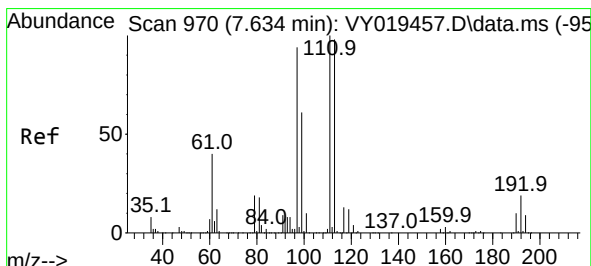
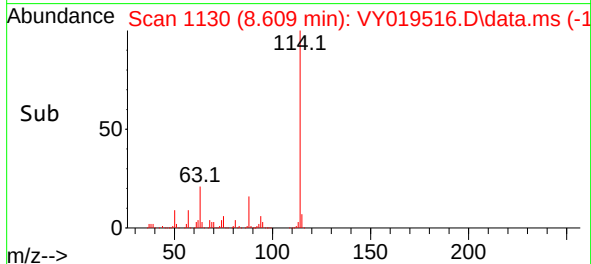
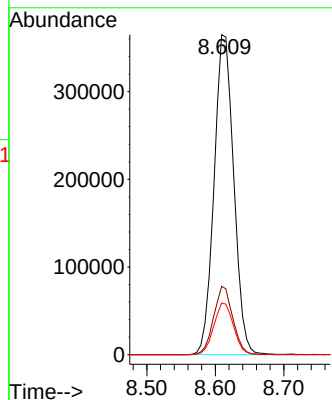
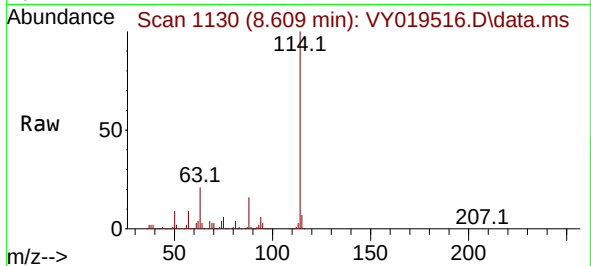




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

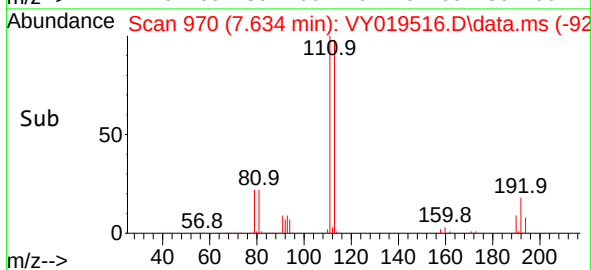
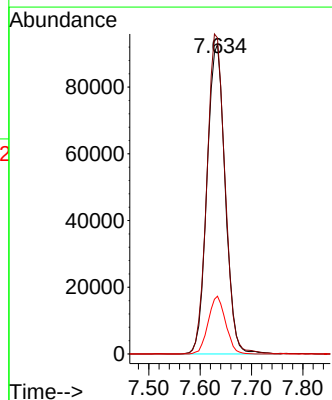
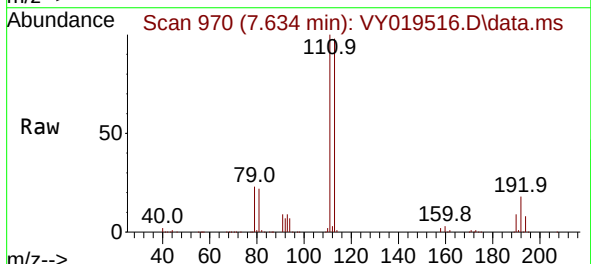
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

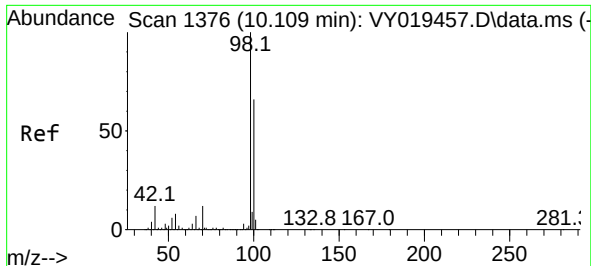
Tgt Ion:114 Resp: 728157
Ion Ratio Lower Upper
114 100
63 21.4 0.0 35.0
88 16.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.230 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion:113 Resp: 228017
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.8 15.9 23.9

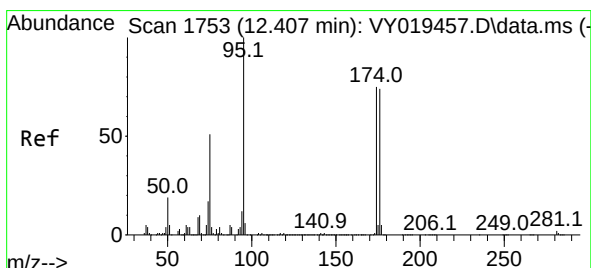
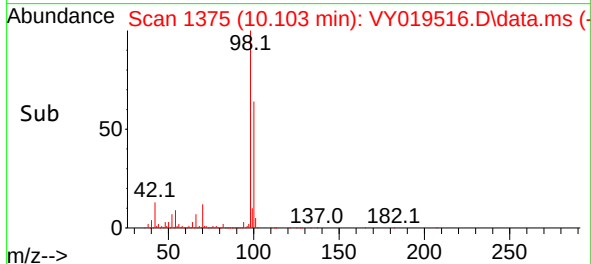
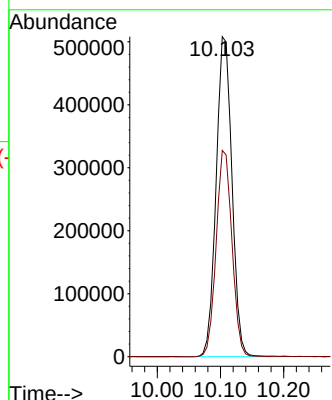
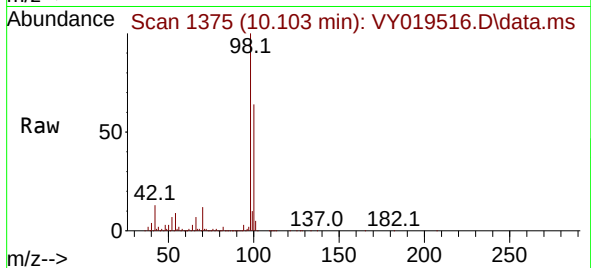




#50
Toluene-d8
Concen: 57.683 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

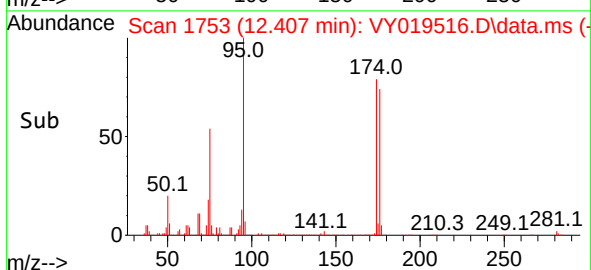
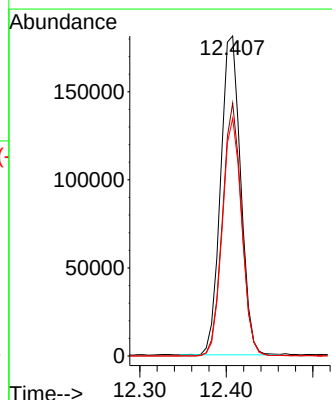
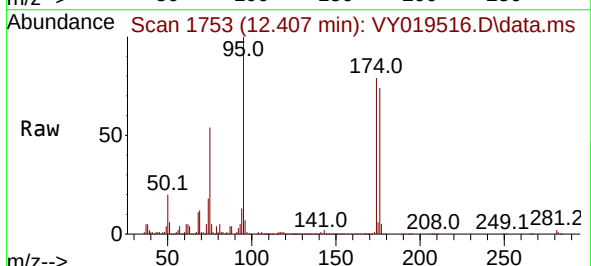
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

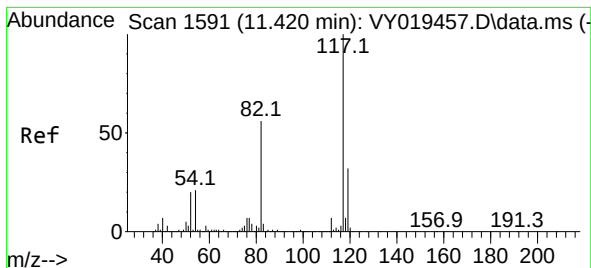
Tgt Ion: 98 Resp: 880848
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.616 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019516.D
Acq: 11 Sep 2024 18:03

Tgt Ion: 95 Resp: 291325
Ion Ratio Lower Upper
95 100
174 75.7 0.0 175.6
176 72.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019516.D

Acq: 11 Sep 2024 18:03

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

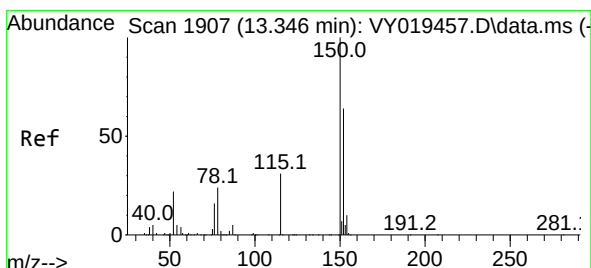
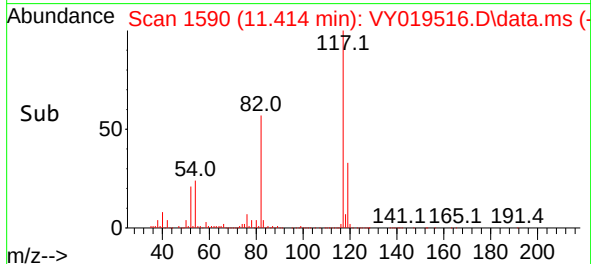
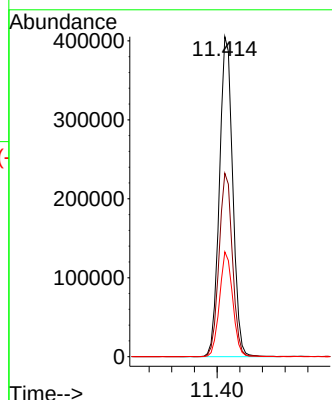
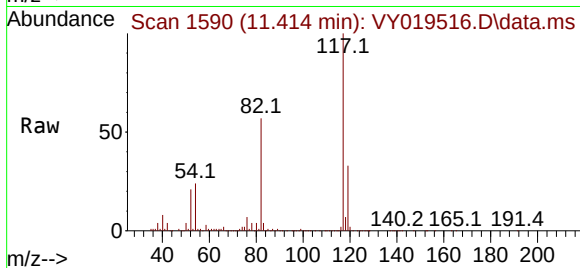
Tgt Ion:117 Resp: 660863

Ion Ratio Lower Upper

117 100

82 57.3 42.4 63.6

119 32.7 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: VY019516.D

Acq: 11 Sep 2024 18:03

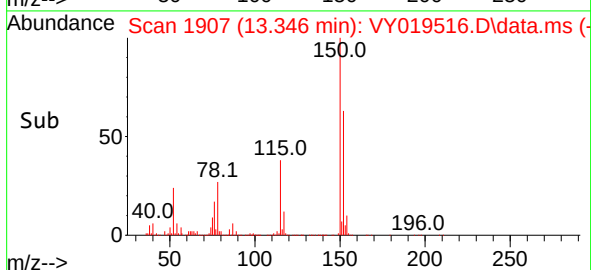
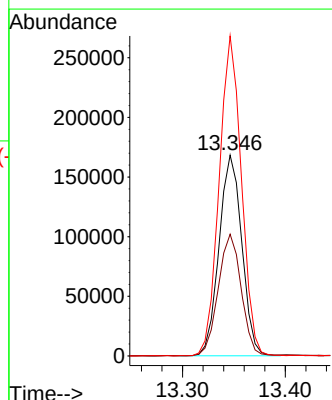
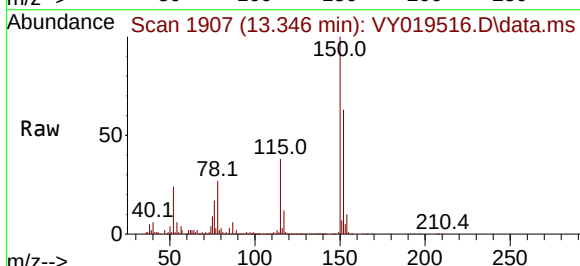
Tgt Ion:152 Resp: 258483

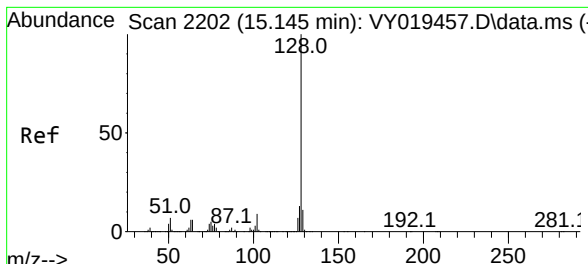
Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

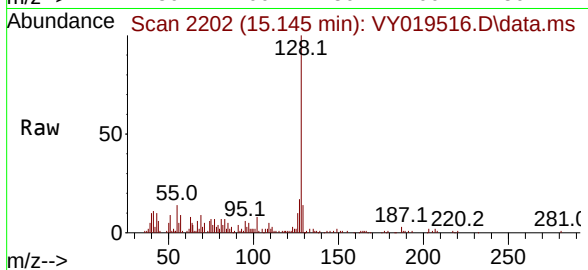
150 155.6 0.0 345.6





#95
 Naphthalene
 Concen: 3.368 ug/l
 RT: 15.145 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019516.D
 Acq: 11 Sep 2024 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	128	Resp:	29584
Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.6	16.0
129	12.5	8.6	13.0

