

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019811.D
 Acq On : 07 Oct 2024 15:15
 Operator : SY/MD
 Sample : P4272-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Oct 08 01:40:29 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	7.713	168	1148	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	2173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1018	95.765	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.520%#
35) Dibromofluoromethane	7.634	113	896	72.724	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.440%
50) Toluene-d8	10.115	98	1848	40.552	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.100%
62) 4-Bromofluorobenzene	12.401	95	164	9.360	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	18.720%#

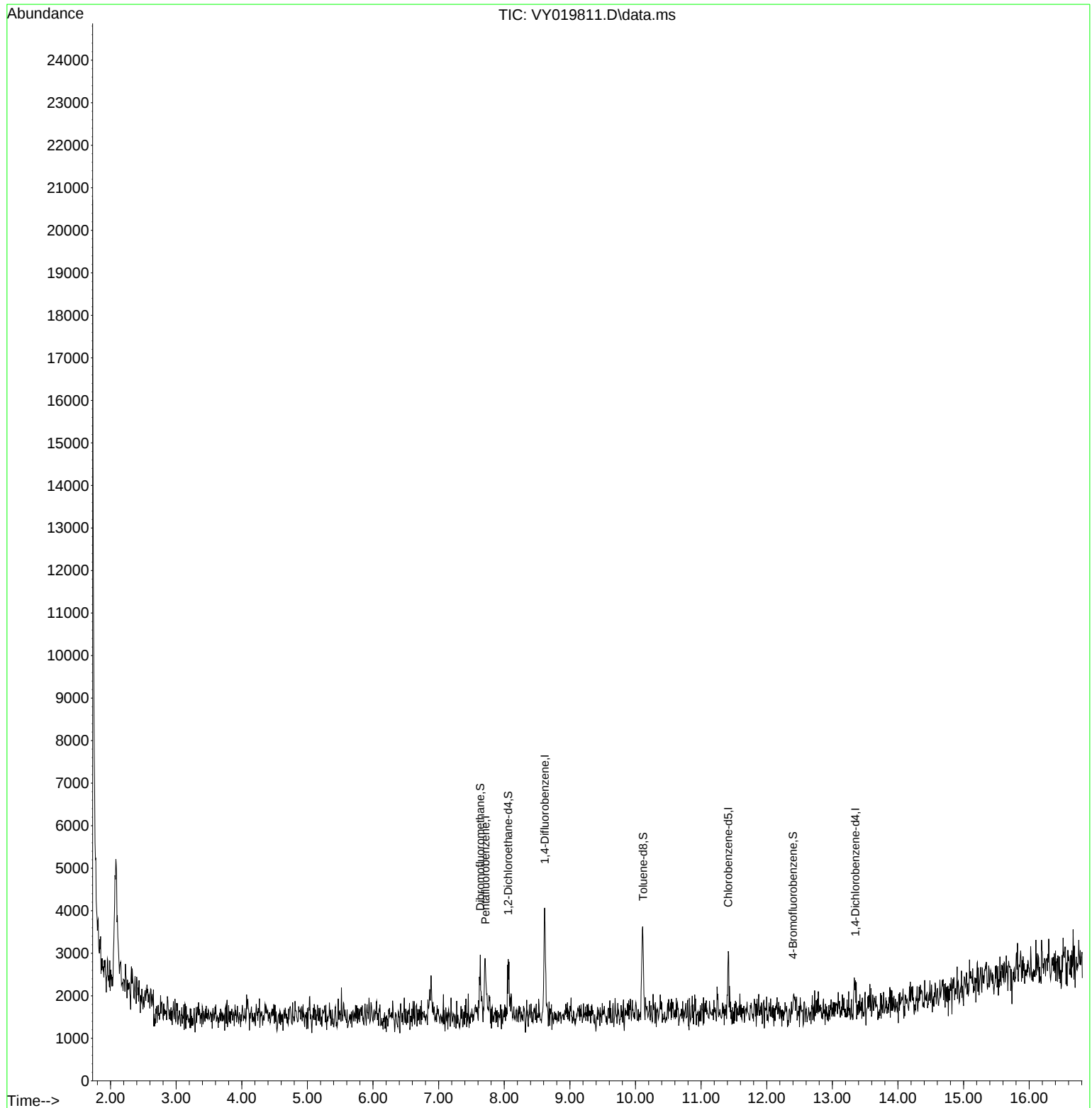
Target Compounds	Qvalue

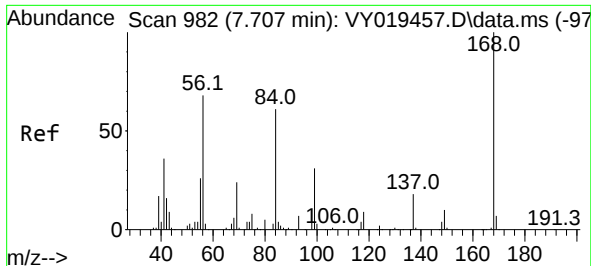
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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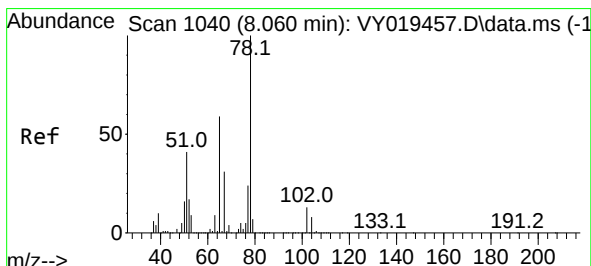
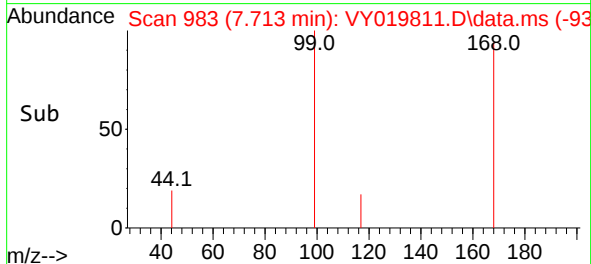
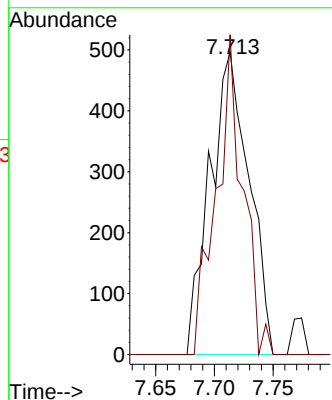
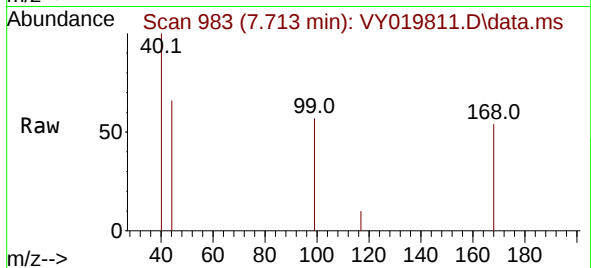




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

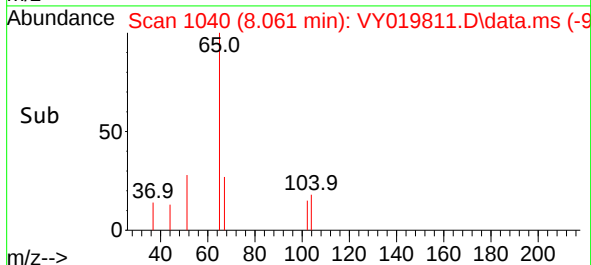
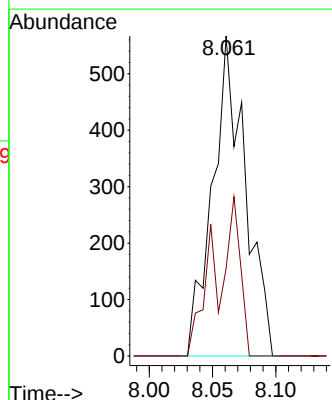
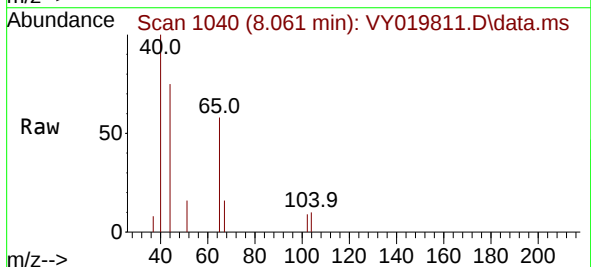
Instrument :
MSVOA_Y
ClientSampleId :
VOC

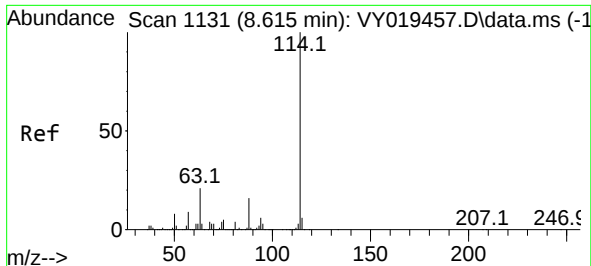
Tgt Ion:168 Resp: 1148
Ion Ratio Lower Upper
168 100
99 105.8 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 95.765 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

Tgt Ion: 65 Resp: 1018
Ion Ratio Lower Upper
65 100
67 20.9 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: VY019811.D

Acq: 07 Oct 2024 15:15

Instrument :

MSVOA_Y

ClientSampleId :

VOC

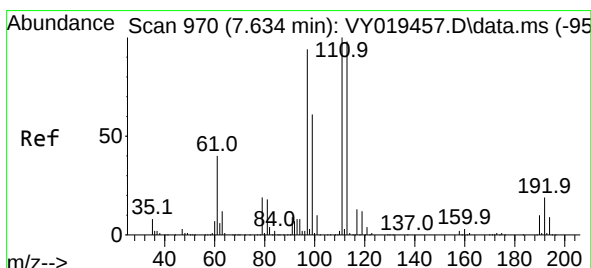
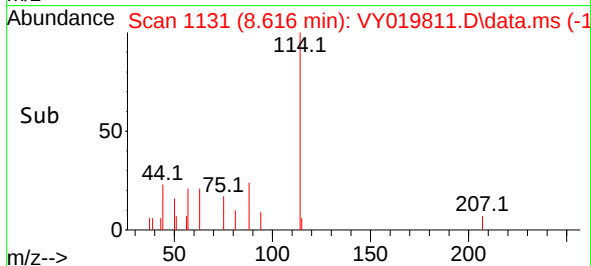
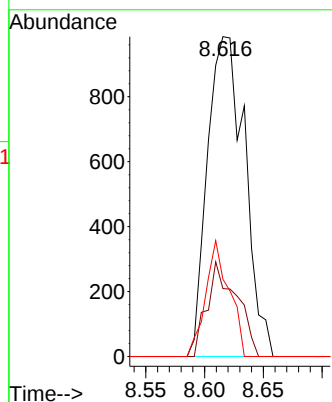
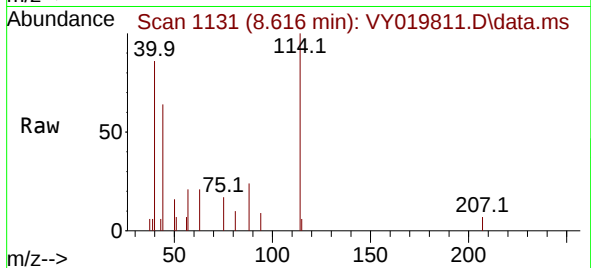
Tgt Ion:114 Resp: 2173

Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

88 24.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 72.724 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY019811.D

Acq: 07 Oct 2024 15:15

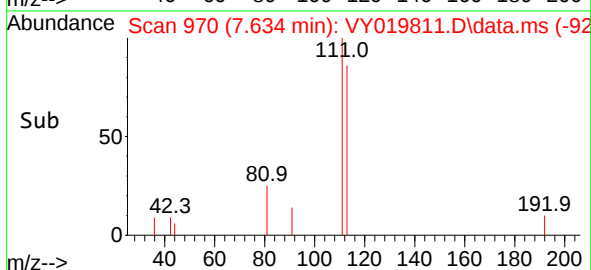
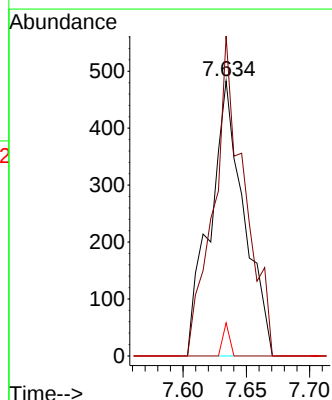
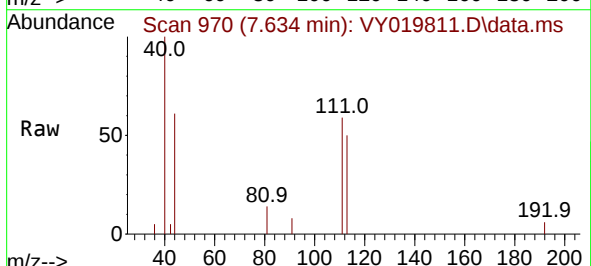
Tgt Ion:113 Resp: 896

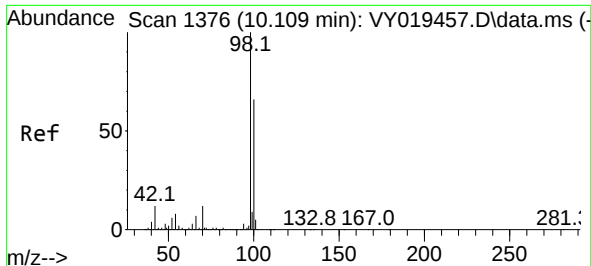
Ion Ratio Lower Upper

113 100

111 105.1 82.2 123.4

192 2.3 15.9 23.9#

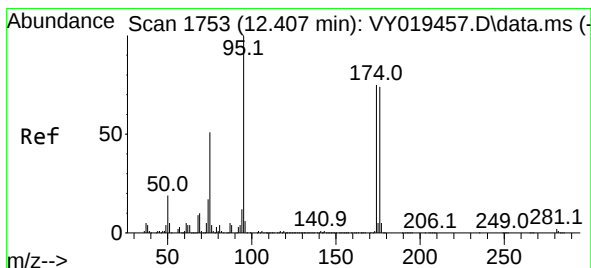
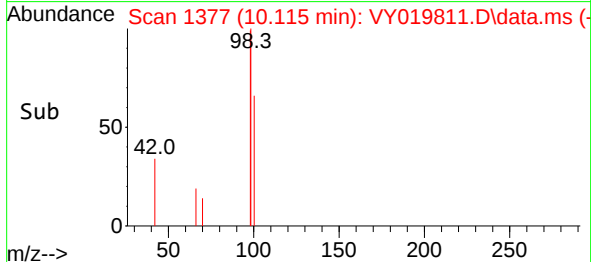
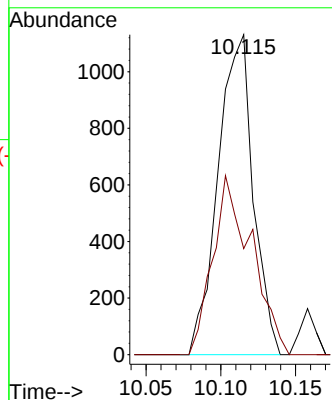
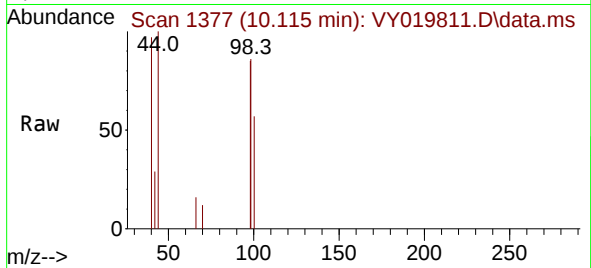




#50
Toluene-d8
Concen: 40.552 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

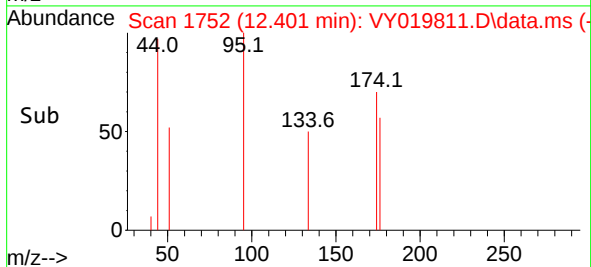
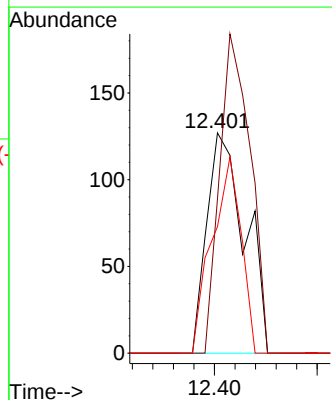
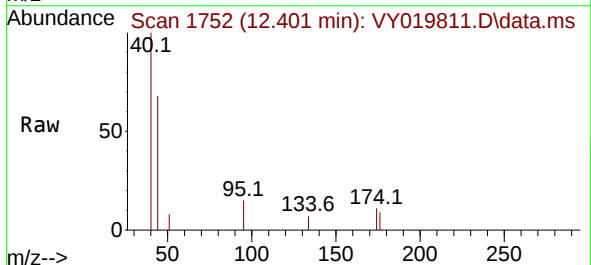
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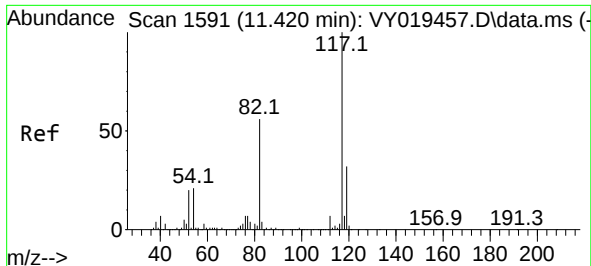
Tgt Ion: 98 Resp: 1848
Ion Ratio Lower Upper
98 100
100 61.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 9.360 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

Tgt Ion: 95 Resp: 164
Ion Ratio Lower Upper
95 100
174 115.9 0.0 175.6
176 68.3 0.0 171.4

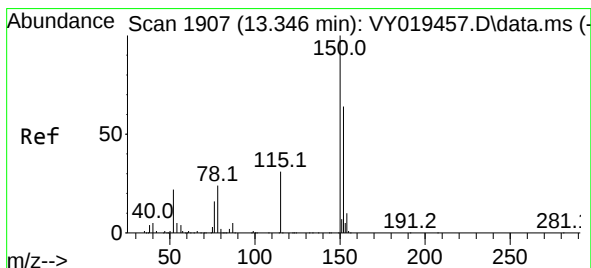
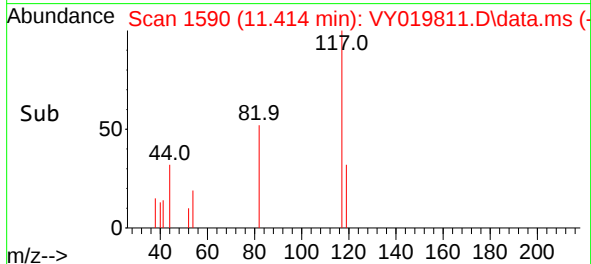
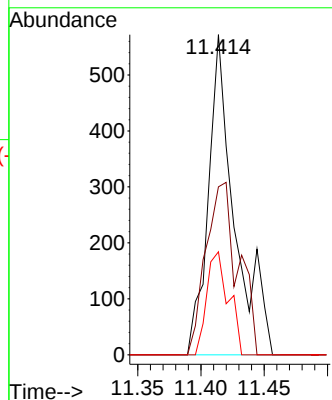
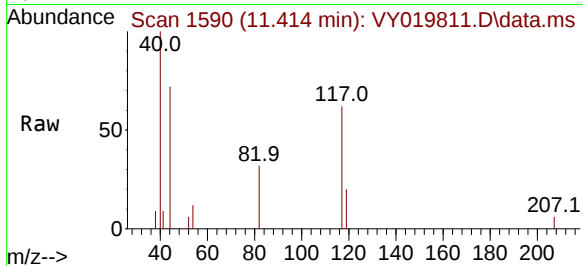




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117	Resp:	827	
Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.4	63.6
119	32.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019811.D
Acq: 07 Oct 2024 15:15

Tgt Ion:152	Resp:	215	
Ion	Ratio	Lower	Upper
152	100		
115	82.8	28.2	84.7
150	231.6	0.0	345.6

