

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020045.D
 Acq On : 28 Oct 2024 17:51
 Operator : SY/MD
 Sample : P4567-03
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1-VOC

Quant Time: Oct 29 02:01:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	180417	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	389368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	361423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	126157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	138377	62.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.580%	
35) Dibromofluoromethane	7.640	113	130537	50.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.600%	
50) Toluene-d8	10.109	98	483783	50.987	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.980%	
62) 4-Bromofluorobenzene	12.402	95	147597	43.051	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 86.100%	

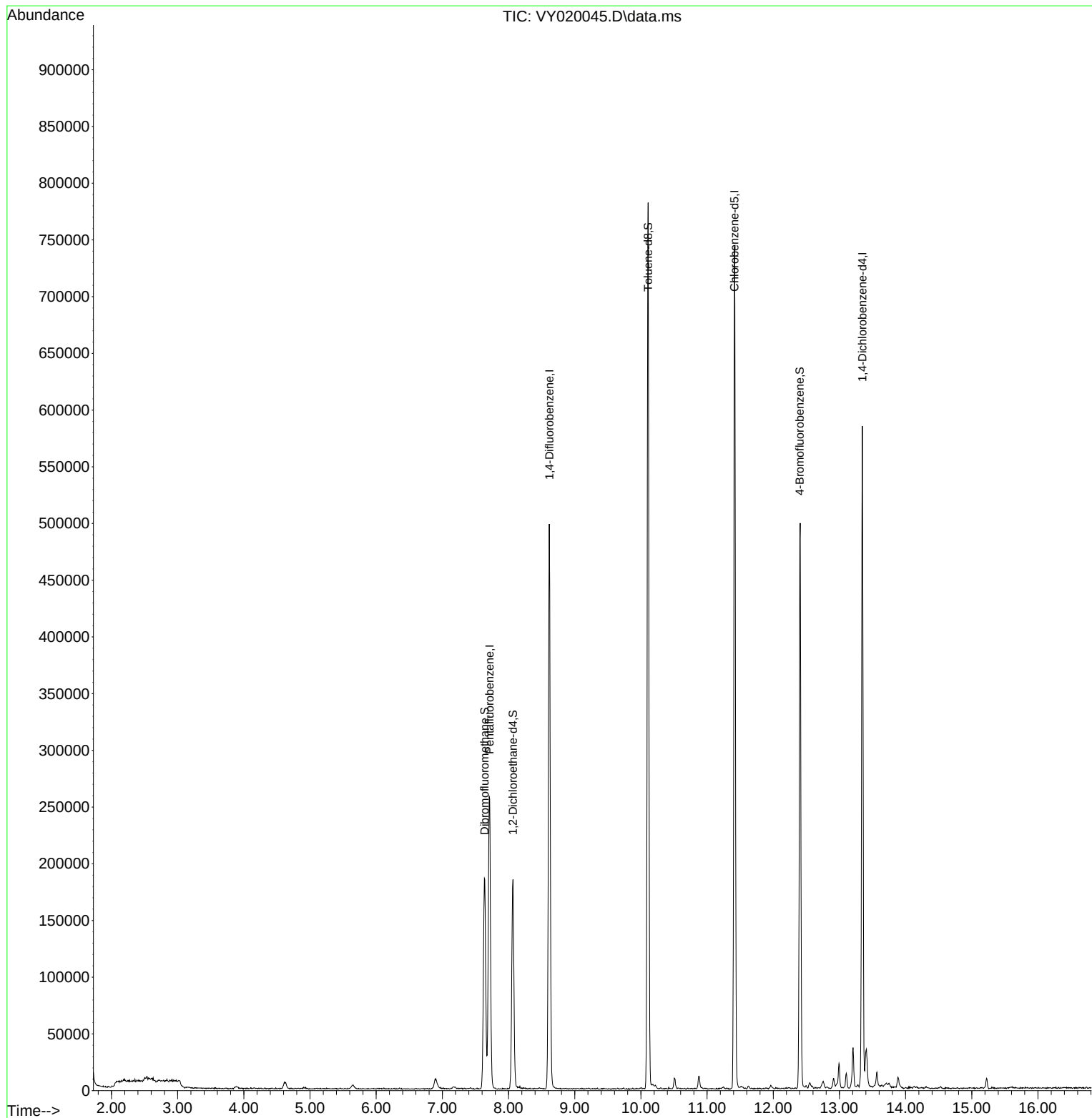
Target Compounds	Qvalue

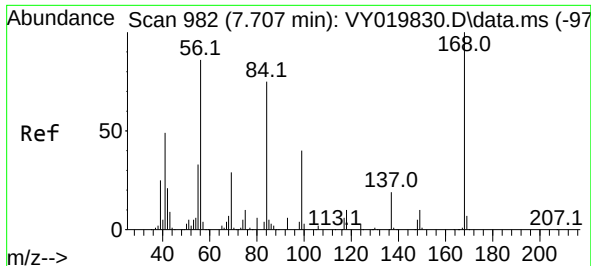
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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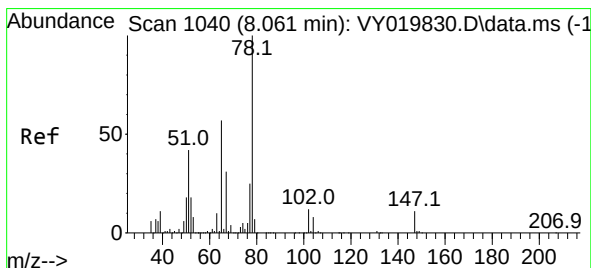
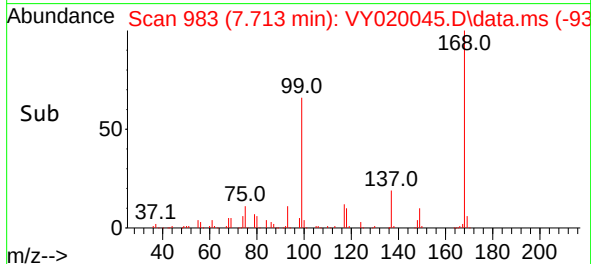
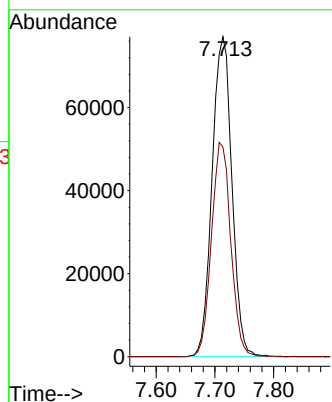
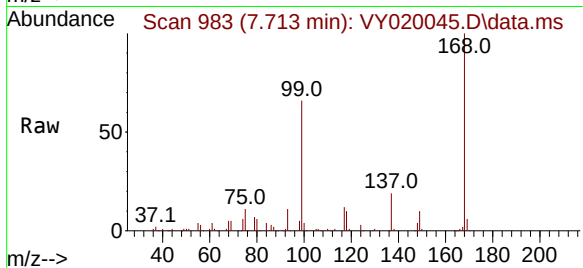




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

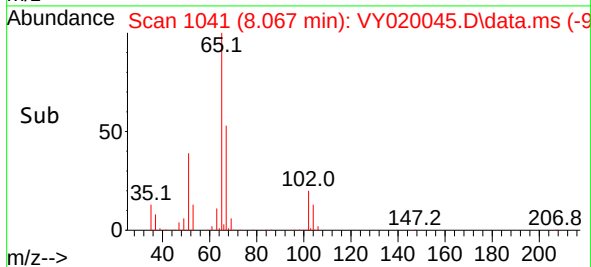
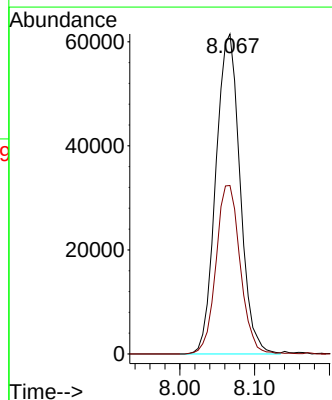
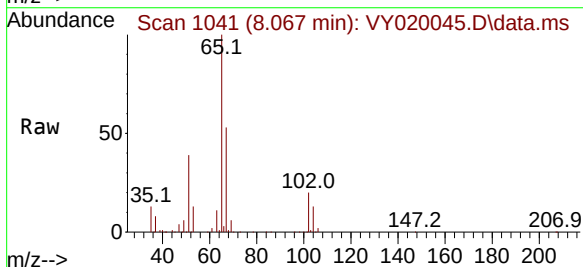
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

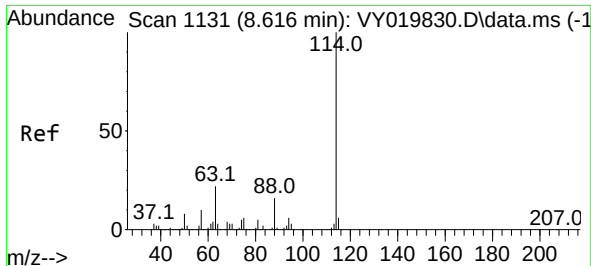
Tgt Ion:168 Resp: 180417
Ion Ratio Lower Upper
168 100
99 65.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 62.291 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion: 65 Resp: 138377
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

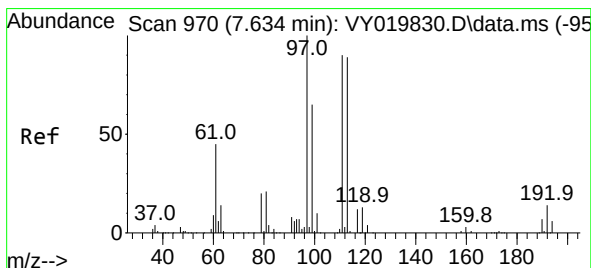
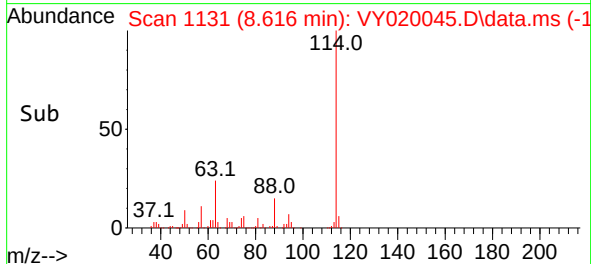
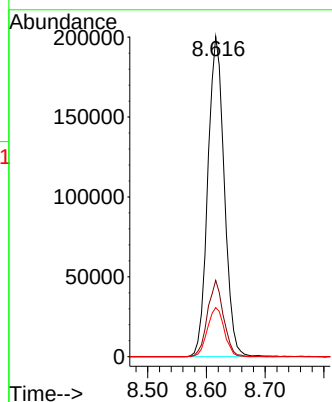
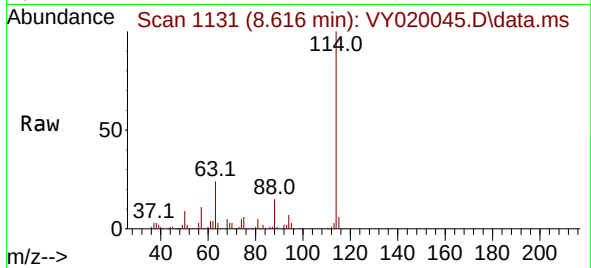




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

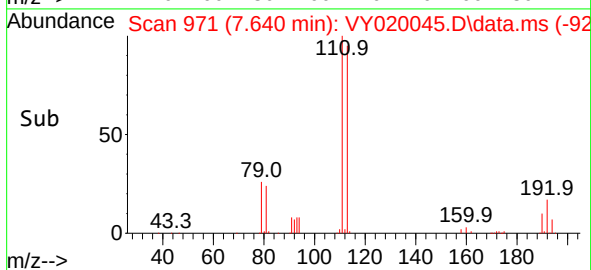
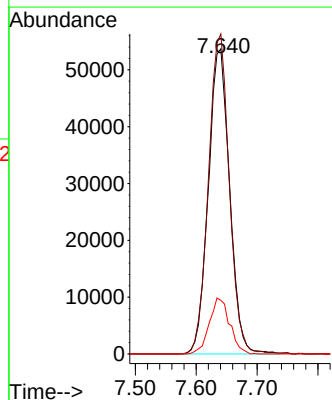
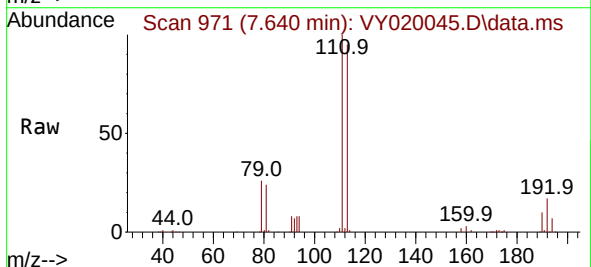
Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

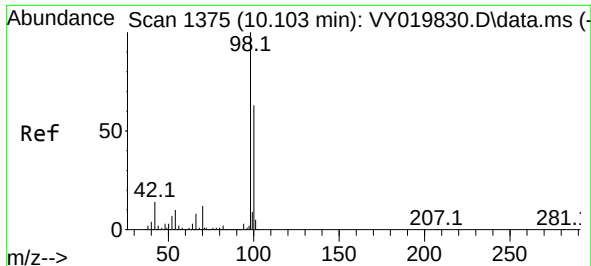
Tgt Ion:114 Resp: 389368
Ion Ratio Lower Upper
114 100
63 23.8 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.804 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.007 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion:113 Resp: 130537
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.5 15.9 23.9

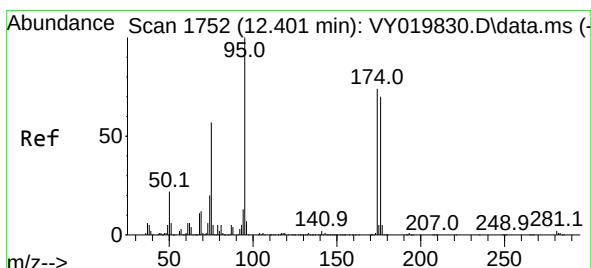
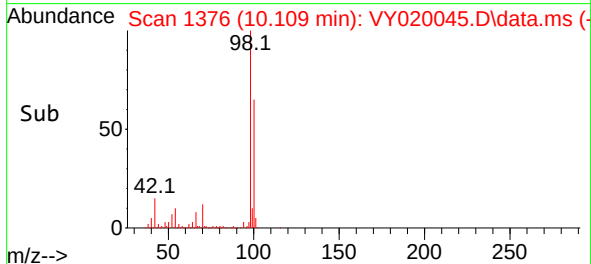
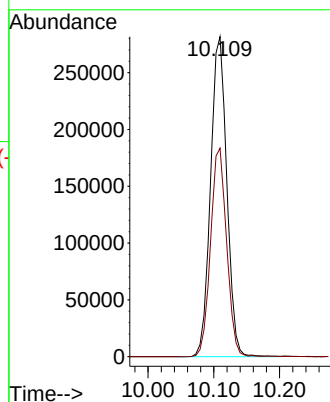
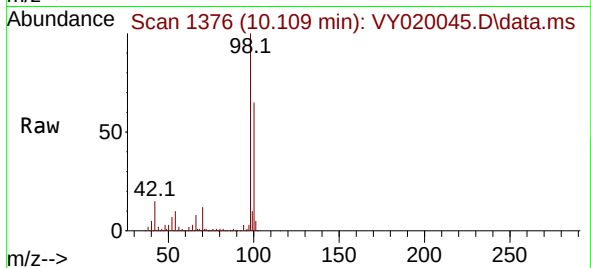




#50
Toluene-d8
Concen: 50.987 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

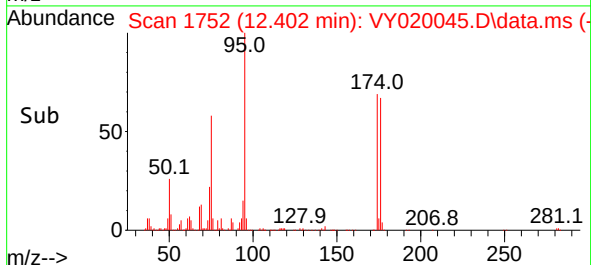
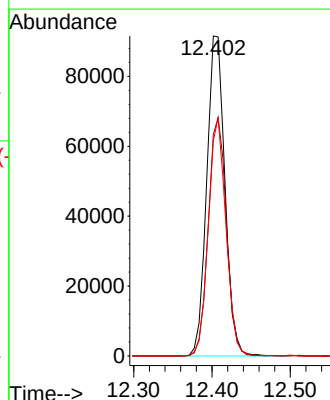
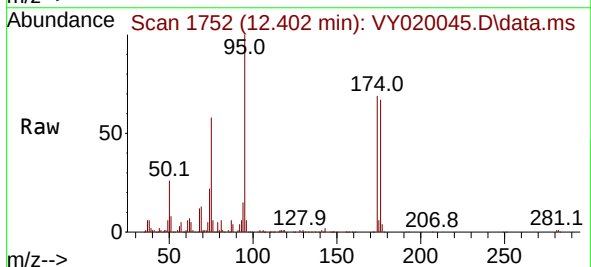
Instrument :
MSVOA_Y
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WC-1-VOC

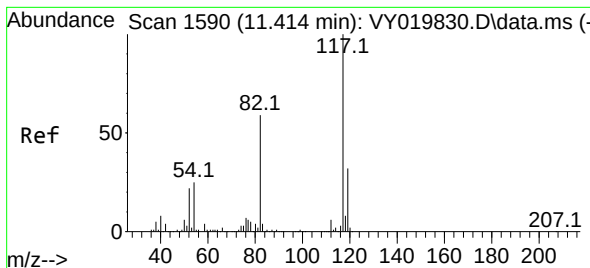
Tgt Ion: 98 Resp: 483783
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.051 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion: 95 Resp: 147597
Ion Ratio Lower Upper
95 100
174 73.9 0.0 175.6
176 71.8 0.0 171.4

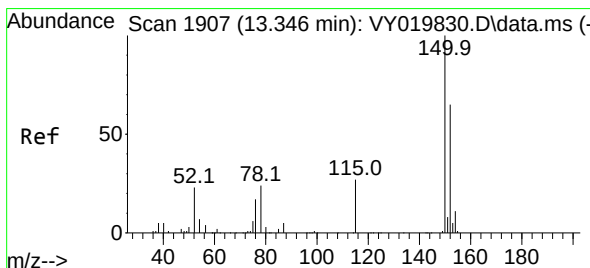
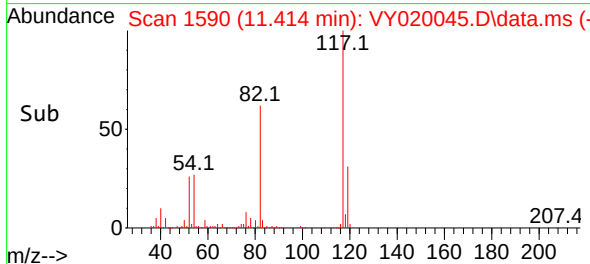
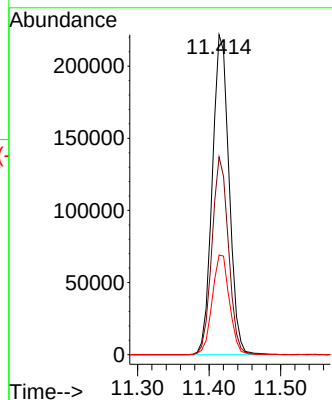
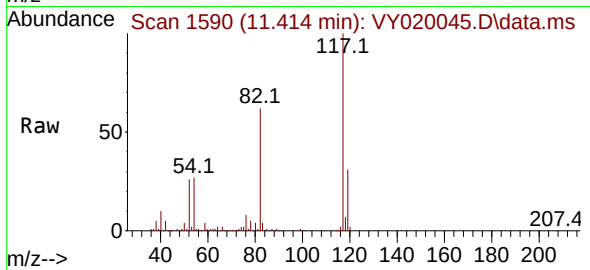




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020045.D
Acq: 28 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-1-VOC

Tgt Ion:117 Resp: 361423
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 31.2 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: VY020045.D
Acq: 28 Oct 2024 17:51

Tgt Ion:152 Resp: 126157
Ion Ratio Lower Upper
152 100
115 62.4 28.2 84.7
150 159.1 0.0 345.6

