

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111022\
 Data File : VL039884.D
 Acq On : 11 Nov 2022 10:20
 Operator : SY/AP
 Sample : N5579-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-ET1DL

Quant Time: Nov 11 11:46:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

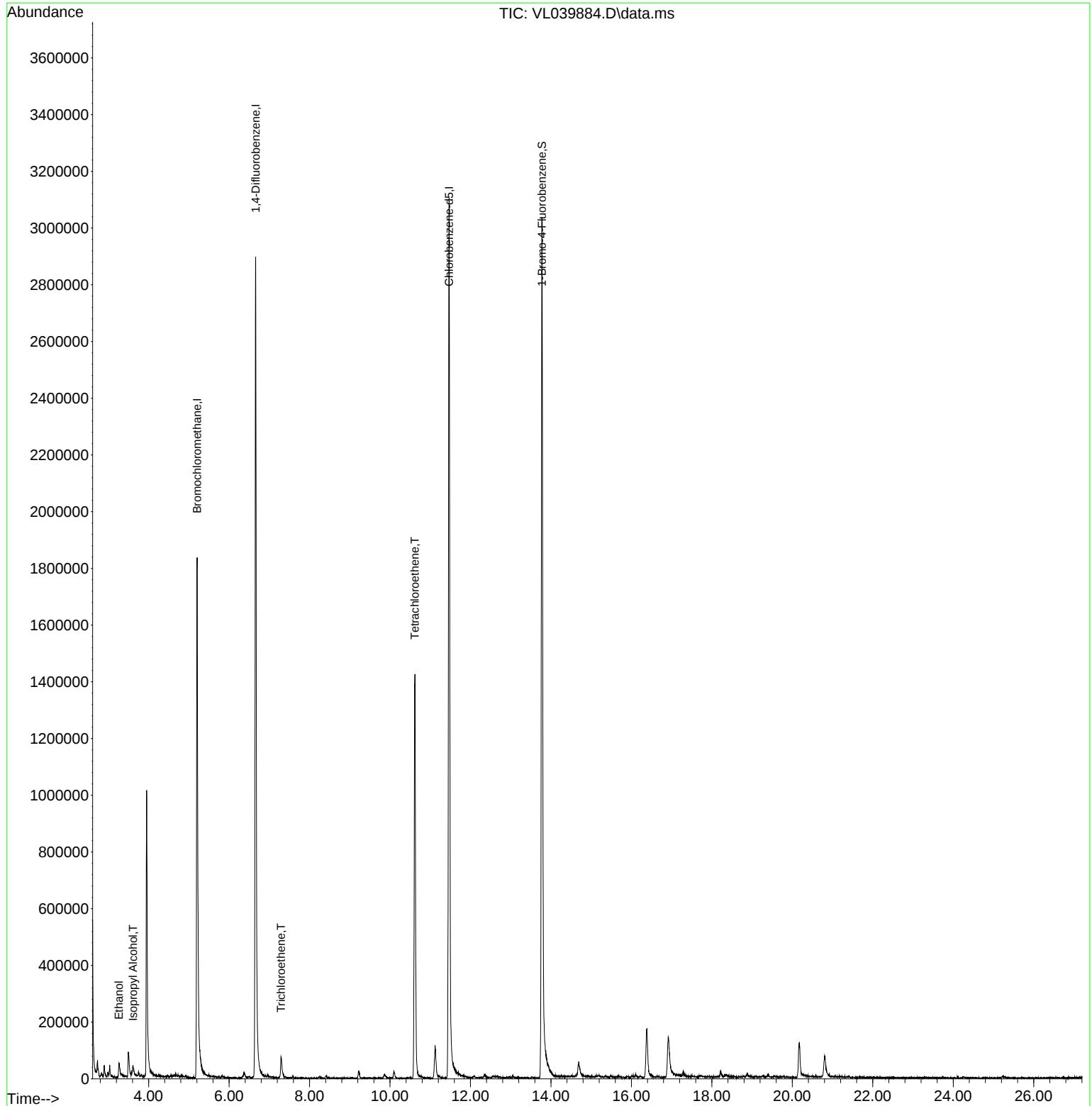
Internal Standards						
1) Bromochloromethane	5.205	49	967828	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.661	114	2140925	10.000	ppbv	# 0.02
55) Chlorobenzene-d5	11.468	117	1856950	10.000	ppbv	# 0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1530560	11.012	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 110.100%	
Target Compounds						
						Qvalue
13) Ethanol	3.259	45	66383m	15.624	ppbv	
19) Isopropyl Alcohol	3.613	45	43213m	0.741	ppbv	
38) Trichloroethene	7.291	130	21158	0.219	ppbv	88
52) Tetrachloroethene	10.616	164	311728	4.607	ppbv	91

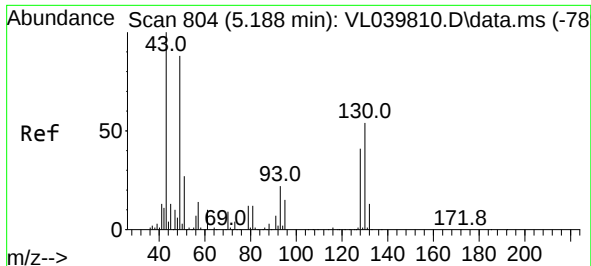
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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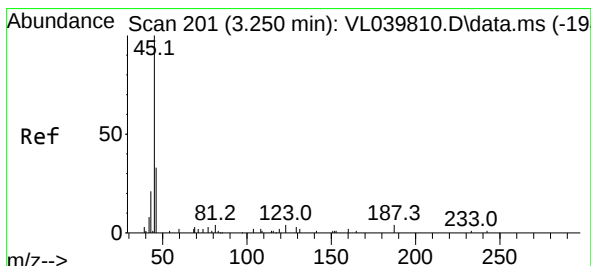
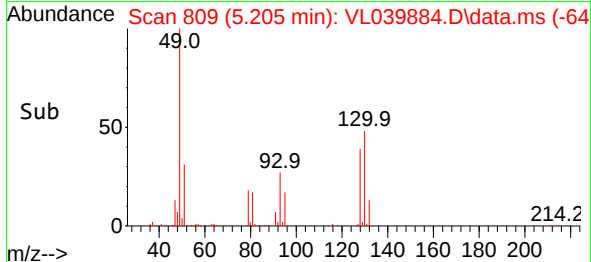
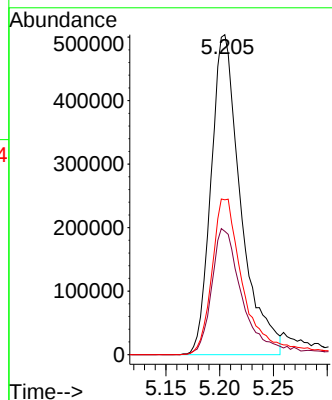
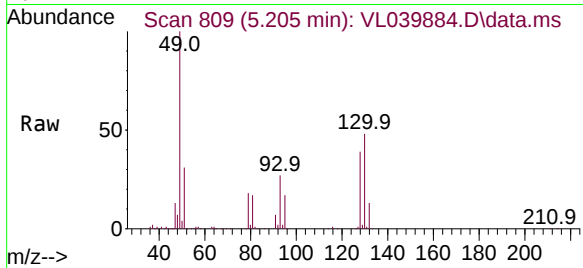




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.017 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

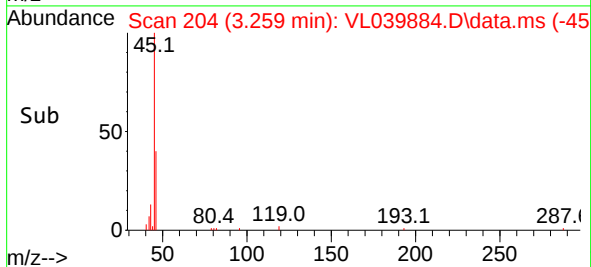
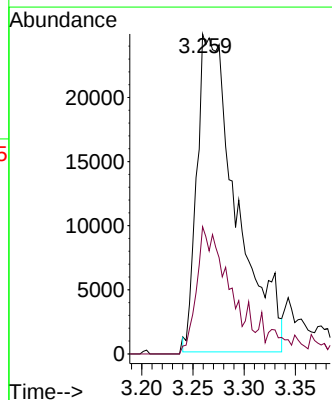
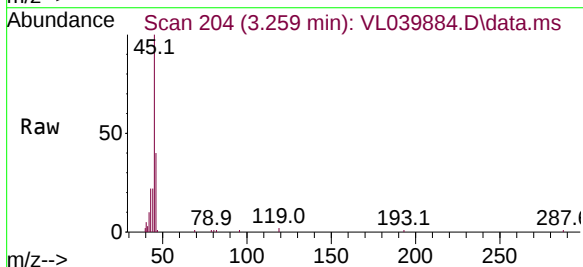
Instrument :
MSVOA_1
ClientSampleId :
SS-ET1DL

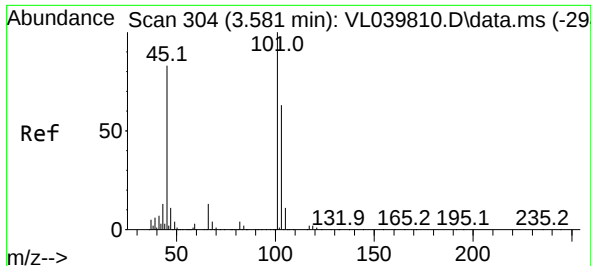
Tgt Ion: 49 Resp: 967828
Ion Ratio Lower Upper
49 100
128 43.7 24.6 73.6
130 54.4 31.1 93.2



#13
Ethanol
Concen: 15.624 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.010 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

Tgt Ion: 45 Resp: 66383
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#

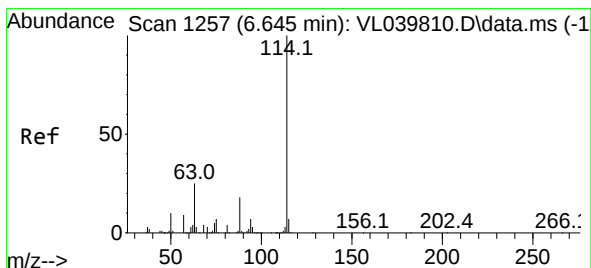
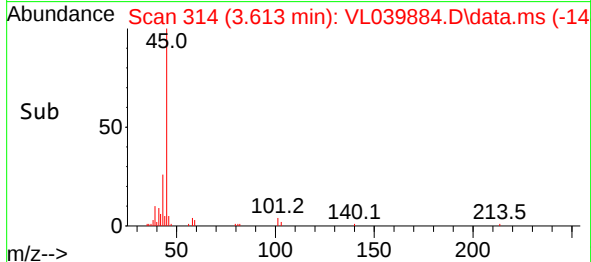
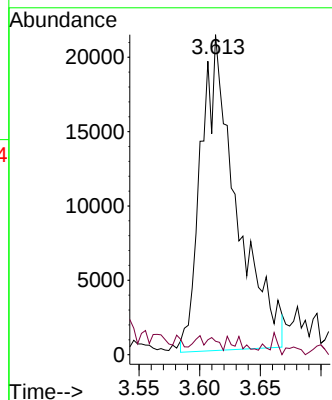
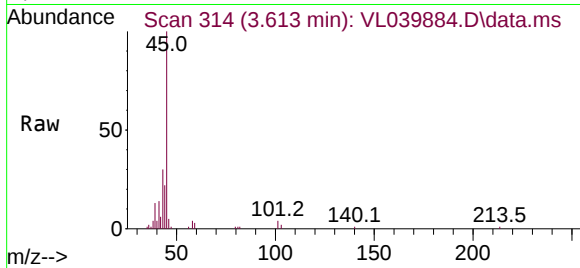




#19
Isopropyl Alcohol
Concen: 0.741 ppbv m
RT: 3.613 min Scan# 314
Delta R.T. 0.032 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

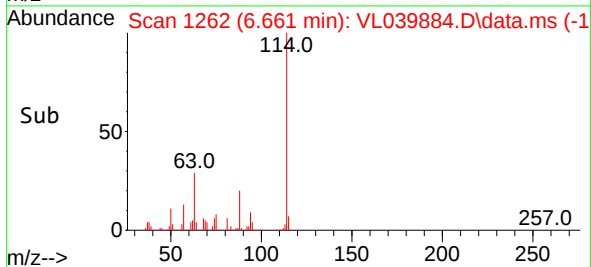
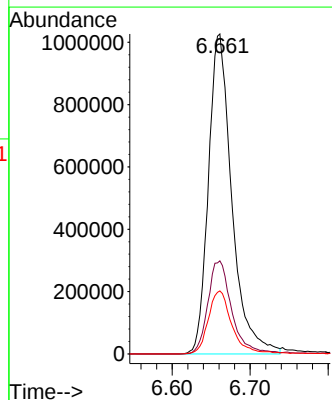
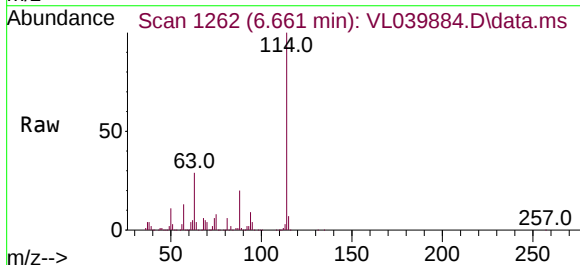
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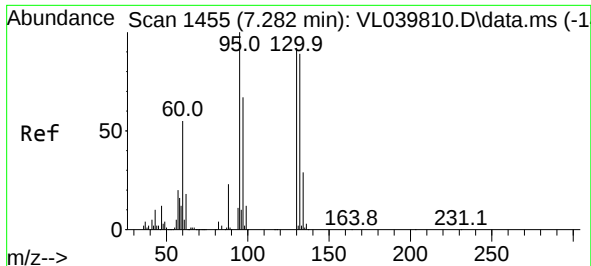
Tgt Ion: 45 Resp: 43213
Ion Ratio Lower Upper
45 100
58 0.0 38.3 57.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 1262
Delta R.T. 0.016 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

Tgt Ion: 114 Resp: 2140925
Ion Ratio Lower Upper
114 100
63 30.2 19.8 29.6#
88 20.0 14.4 21.6

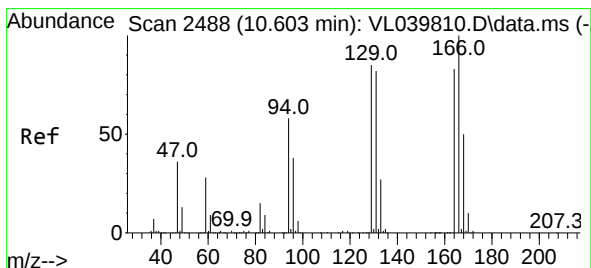
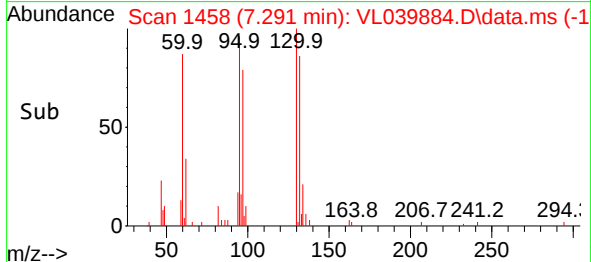
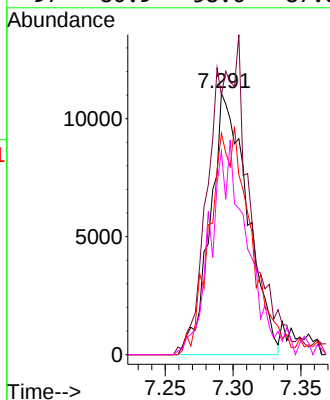
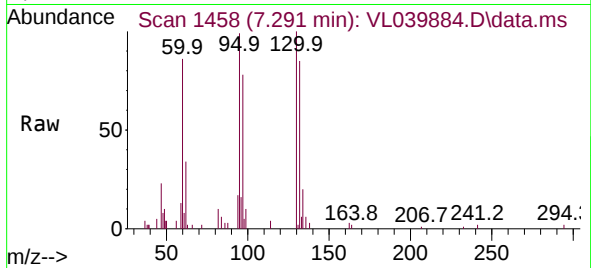




#38
 Trichloroethene
 Concen: 0.219 ppbv
 RT: 7.291 min Scan# 1455
 Delta R.T. 0.010 min
 Lab File: VL039884.D
 Acq: 11 Nov 2022 10:20

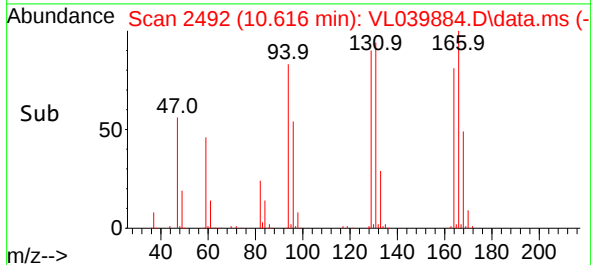
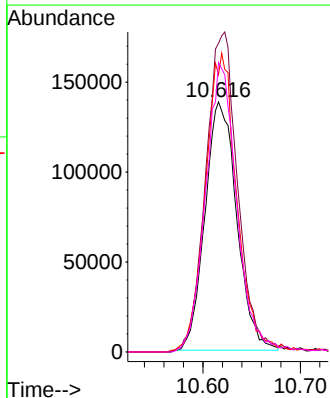
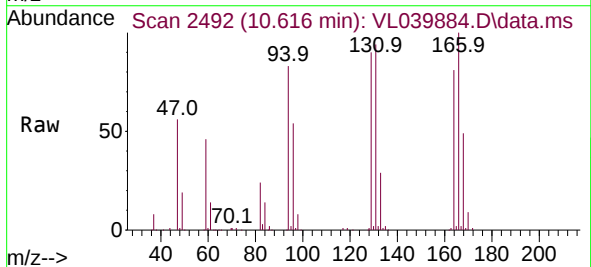
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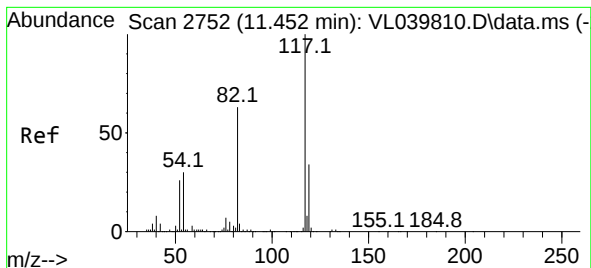
Tgt Ion:	130	Resp:	21158
Ion Ratio	Lower	Upper	
130	100		
95	96.4	87.4	131.2
132	84.7	77.7	116.5
97	80.9	58.6	87.8



#52
 Tetrachloroethene
 Concen: 4.607 ppbv
 RT: 10.616 min Scan# 2492
 Delta R.T. 0.013 min
 Lab File: VL039884.D
 Acq: 11 Nov 2022 10:20

Tgt Ion:	164	Resp:	311728
Ion Ratio	Lower	Upper	
164	100		
166	122.7	96.0	144.0
129	109.9	81.4	122.2
131	115.2	78.6	117.8

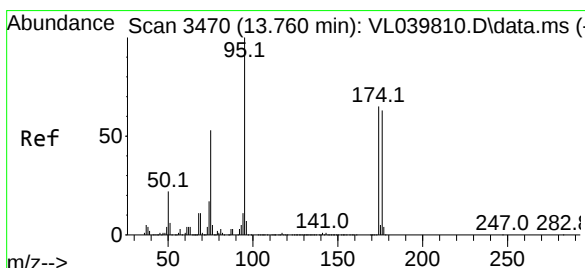
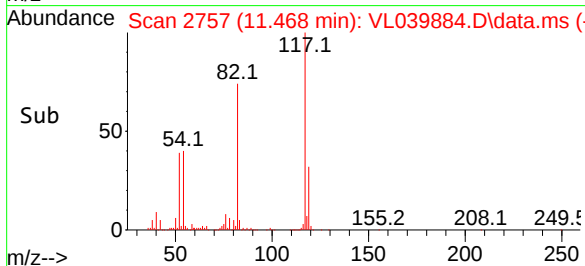
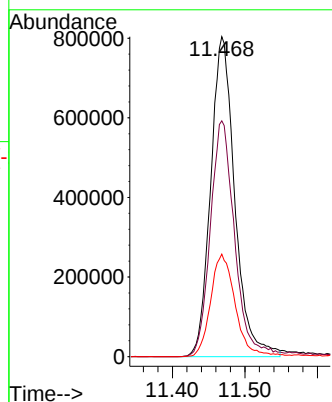
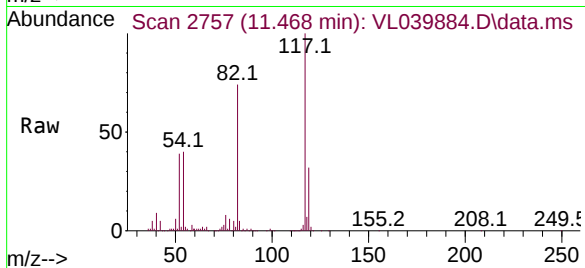




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

Instrument :
MSVOA_1
ClientSampleId :
SS-ET1DL

Tgt Ion:117 Resp: 1856950
Ion Ratio Lower Upper
117 100
82 76.6 51.0 76.6#
119 33.2 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 11.012 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. 0.016 min
Lab File: VL039884.D
Acq: 11 Nov 2022 10:20

Tgt Ion: 95 Resp: 1530560
Ion Ratio Lower Upper
95 100
174 58.7 53.4 80.0
175 4.1 4.1 6.1

