

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039506.D
 Acq On : 20 Jul 2022 9:31
 Operator : SY/AP
 Sample : N3750-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

Quant Time: Jul 21 05:30:00 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

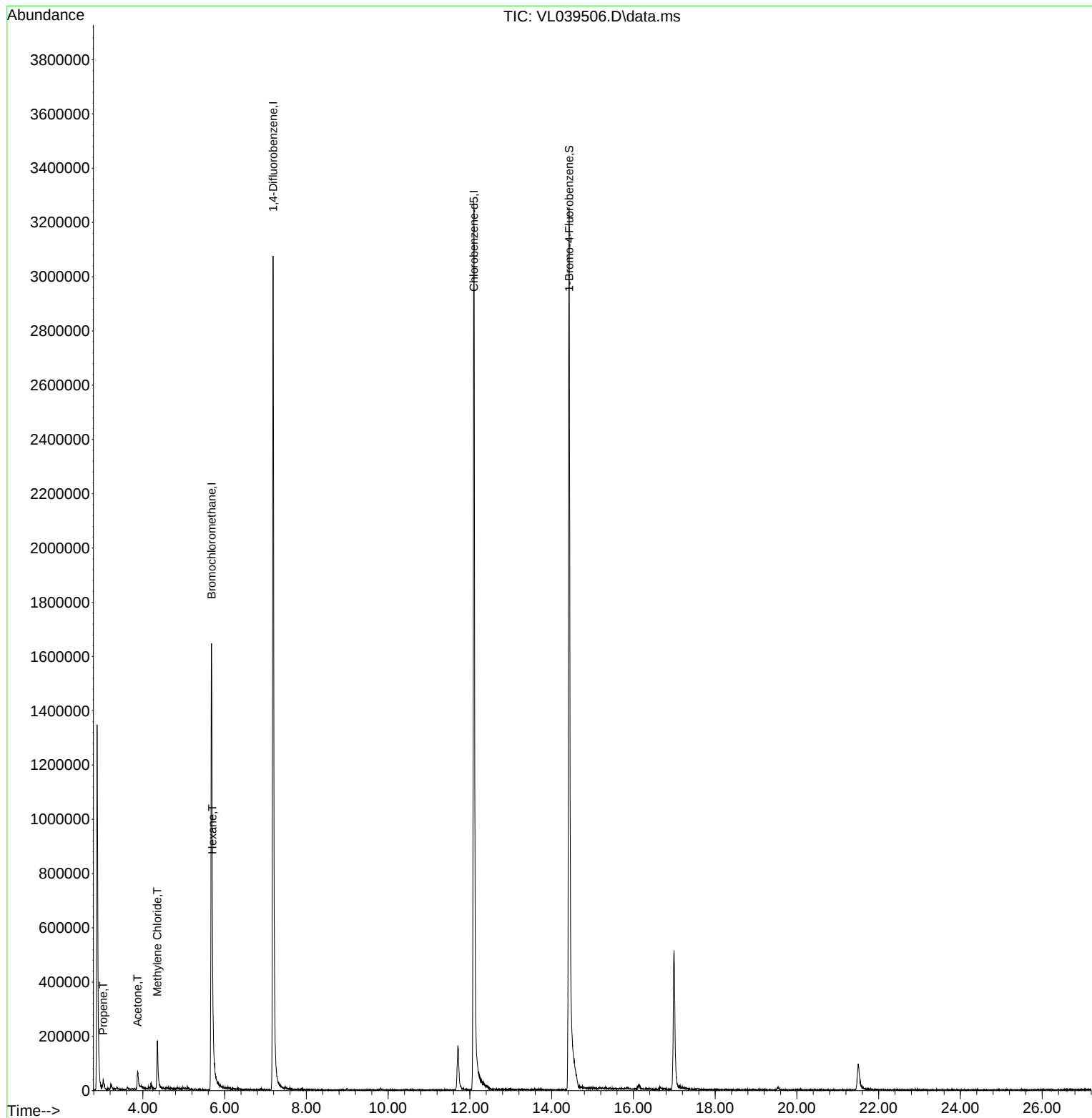
Internal Standards						
1) Bromochloromethane	5.681	49	896092	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2534361	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	2252832	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	1717123	10.274	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.700%	
Target Compounds						
					Qvalue	
9) Propene	3.028	41	10759m	0.210	ppbv	
15) Acetone	3.870	43	86885	0.820	ppbv #	87
20) Methylene Chloride	4.353	84	71204	1.685	ppbv	97
26) Hexane	5.700	57	29817	0.340	ppbv #	39

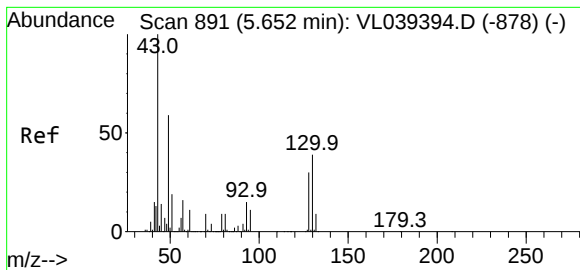
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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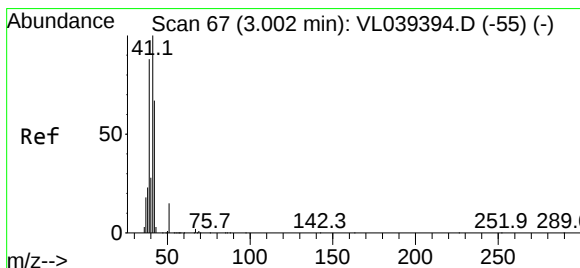
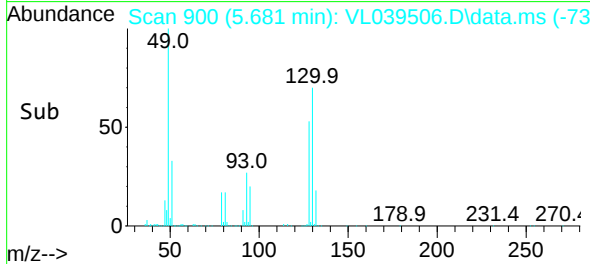
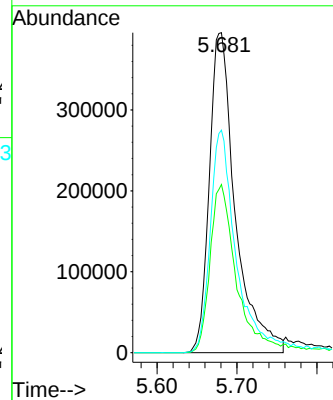
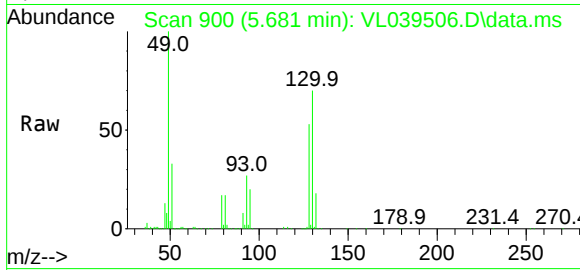




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.681 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039506.D
 Acq: 20 Jul 2022 9:31

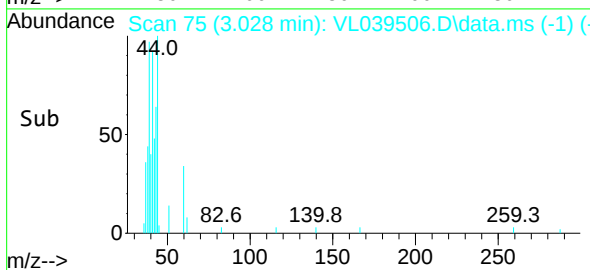
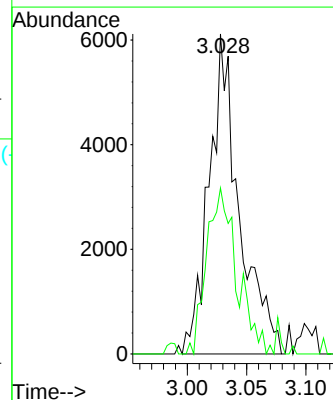
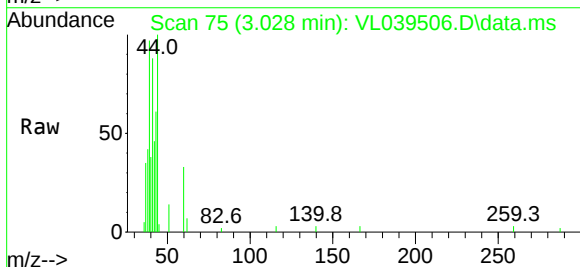
Instrument :
 MSVOA_L
 ClientSampleId :
 OA-1DL

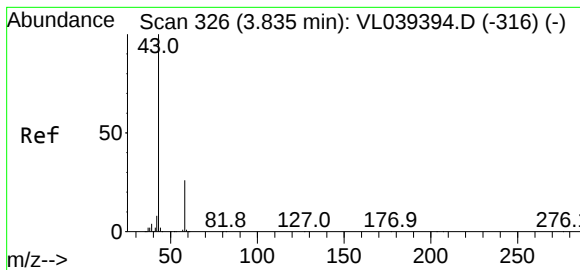
Tgt Ion: 49 Resp: 896092
 Ion Ratio Lower Upper
 49 100
 128 56.4 26.7 80.0
 130 73.0 34.3 102.8



#9
 Propene
 Concen: 0.210 ppbv m
 RT: 3.028 min Scan# 75
 Delta R.T. 0.026 min
 Lab File: VL039506.D
 Acq: 20 Jul 2022 9:31

Tgt Ion: 41 Resp: 10759
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.2 82.8#

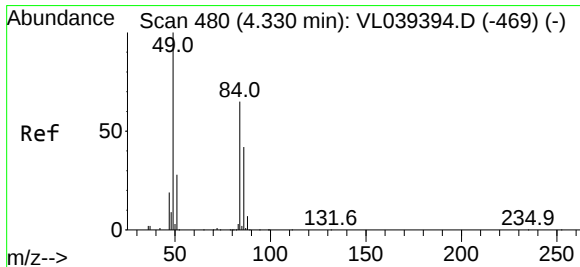
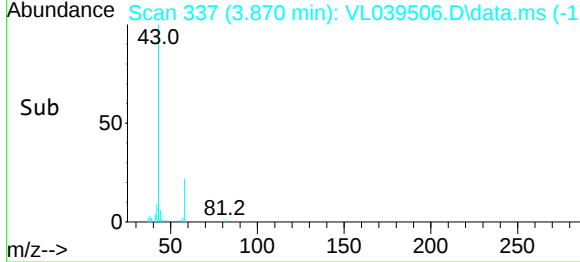
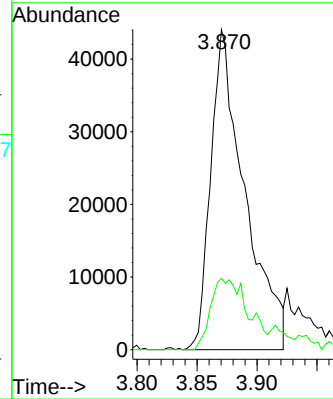
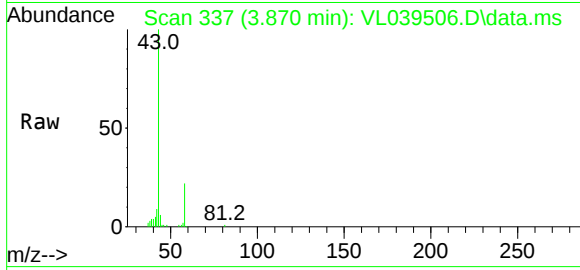




#15
Acetone
Concen: 0.820 ppbv
RT: 3.870 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

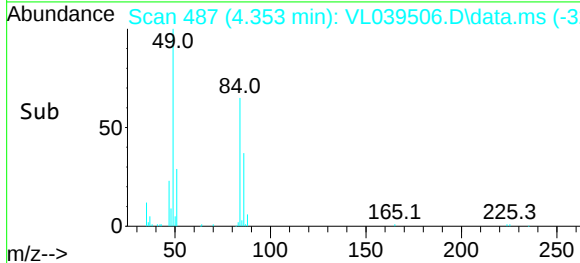
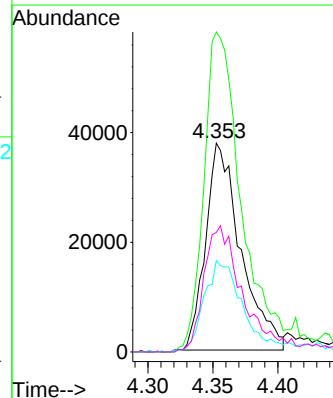
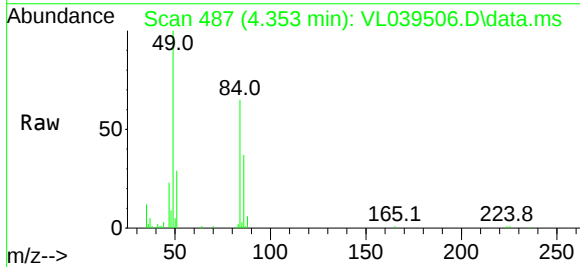
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ClientSampleId :
OA-1DL

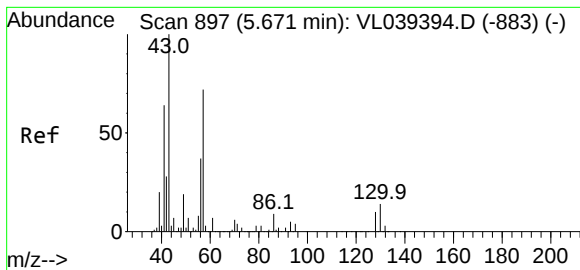
Tgt Ion: 43 Resp: 86885
Ion Ratio Lower Upper
43 100
58 33.0 21.0 31.6#



#20
Methylene Chloride
Concen: 1.685 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

Tgt Ion: 84 Resp: 71204
Ion Ratio Lower Upper
84 100
49 151.7 123.1 184.7
51 43.3 34.4 51.6
86 56.8 51.1 76.7

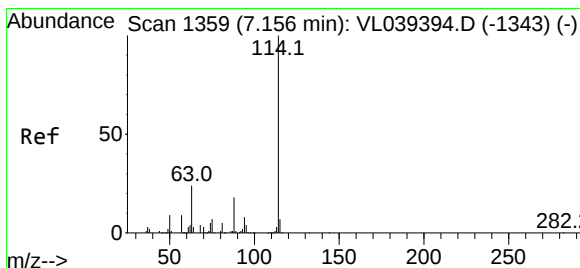
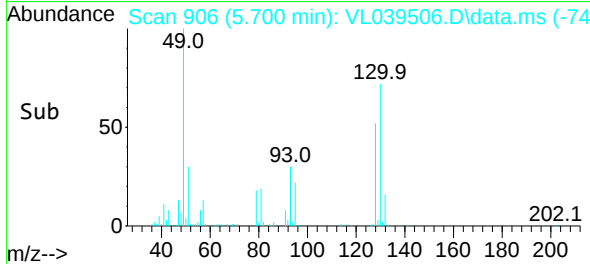
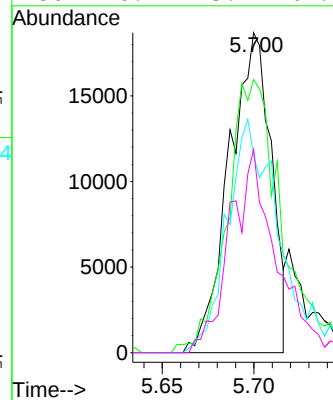
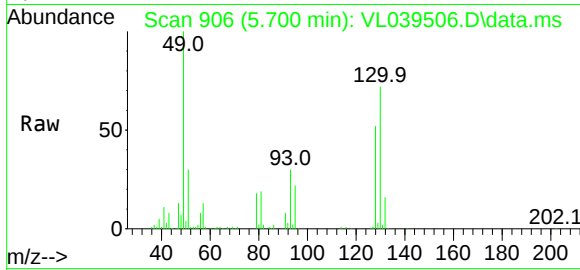




#26
Hexane
Concen: 0.340 ppbv
RT: 5.700 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

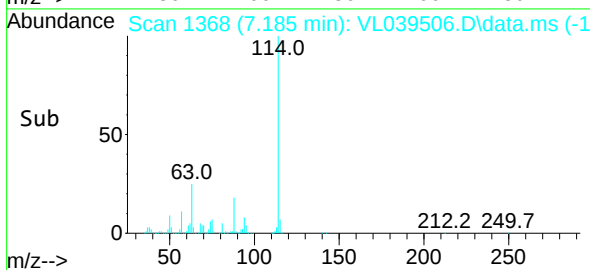
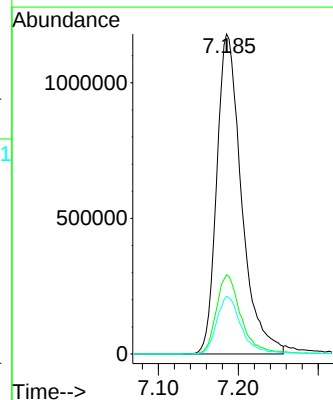
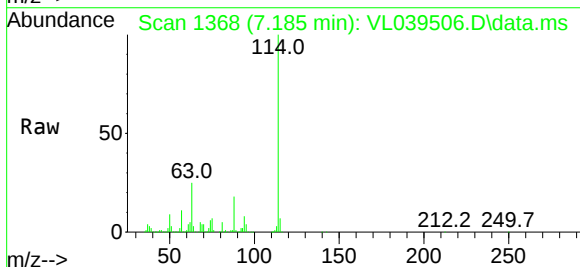
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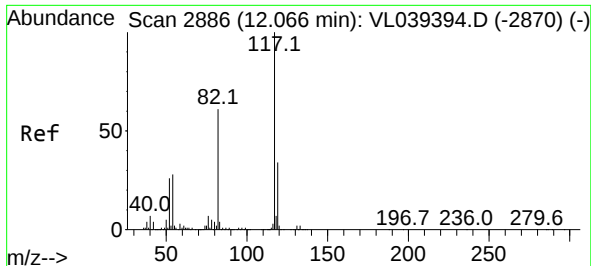
Tgt Ion: 57 Resp: 29817
Ion Ratio Lower Upper
57 100
41 115.9 76.9 115.3#
43 92.7 191.0 286.6#
56 70.4 43.2 64.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 1368
Delta R.T. 0.029 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

Tgt Ion: 114 Resp: 2534361
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.0 14.5 21.7

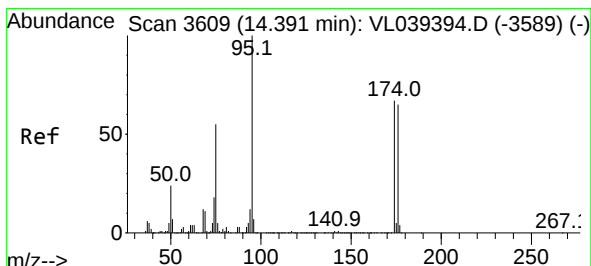
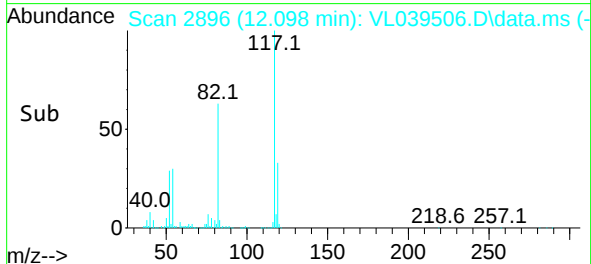
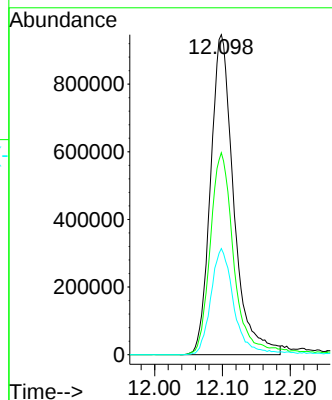
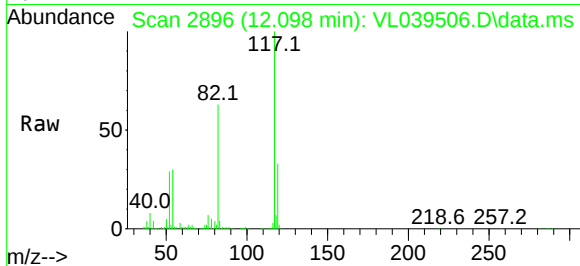




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.098 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

Instrument :
MSVOA_1
ClientSampleId :
OA-1DL

Tgt Ion:117 Resp: 2252832
Ion Ratio Lower Upper
117 100
82 66.4 50.8 76.2
119 33.3 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.274 ppbv
RT: 14.429 min Scan# 3621
Delta R.T. 0.039 min
Lab File: VL039506.D
Acq: 20 Jul 2022 9:31

Tgt Ion: 95 Resp: 1717123
Ion Ratio Lower Upper
95 100
174 70.7 55.9 83.9
175 5.0 4.2 6.4

