

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
 Data File : VL039788.D
 Acq On : 25 Oct 2022 13:47
 Operator : SY/AP
 Sample : VL1025ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABL01

Quant Time: Oct 28 08:07:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Oct 24 20:00:55 2022
 Response via : Initial Calibration

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

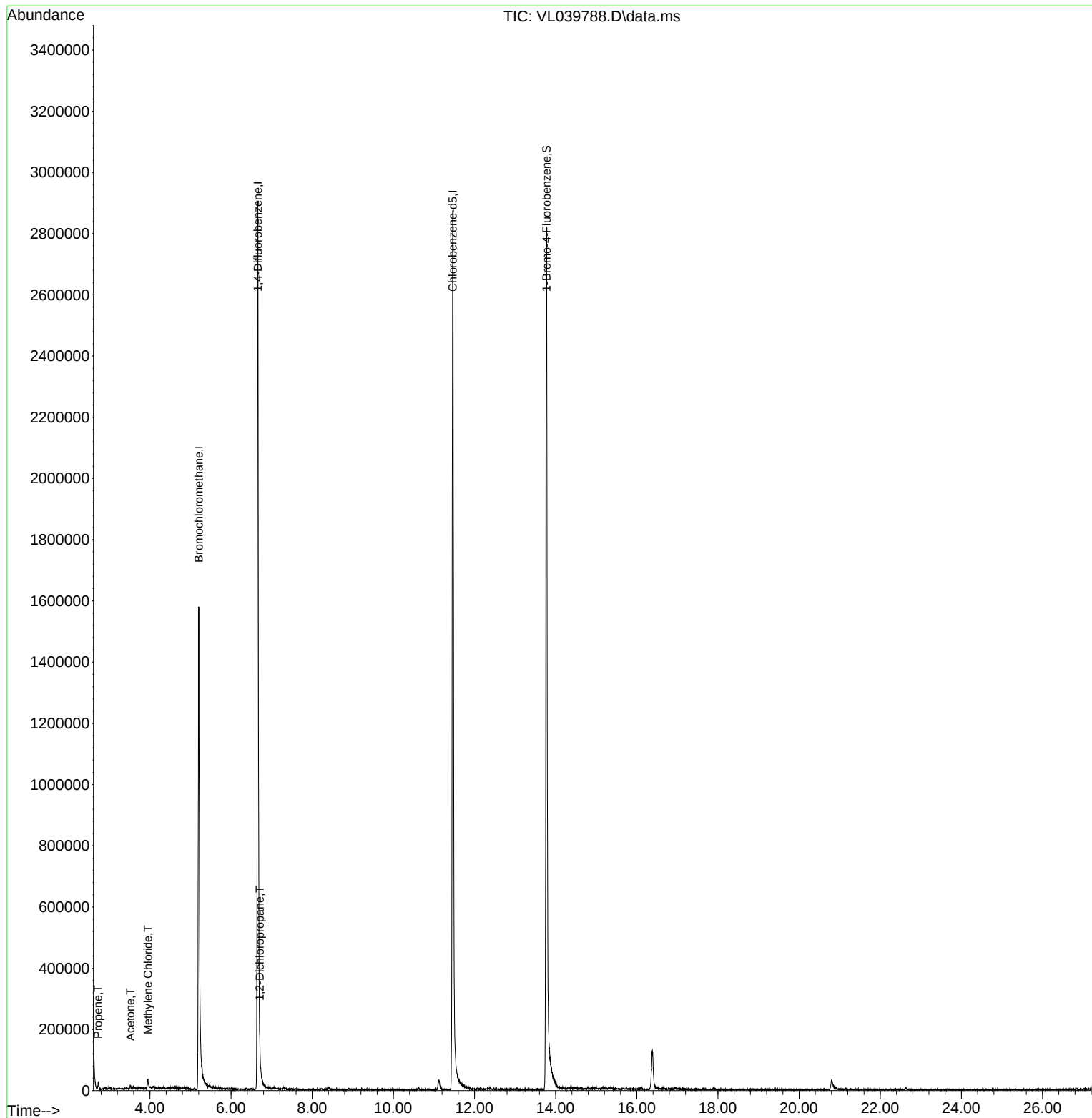
Internal Standards						
1) Bromochloromethane	5.205	49	864152	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2294526	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	1933260	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1383873	10.063	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	1911	0.043	ppbv #	13
15) Acetone	3.517	43	5580	0.054	ppbv #	12
20) Methylene Chloride	3.951	84	7755	0.197	ppbv #	91
39) 1,2-Dichloropropane	6.709	63	7563	0.111	ppbv #	24

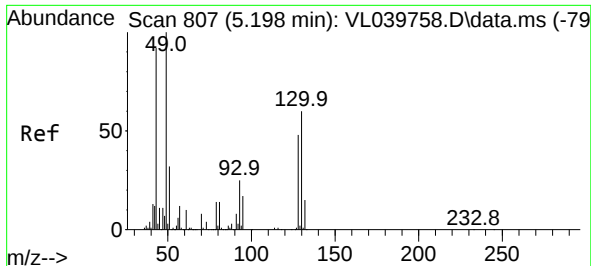
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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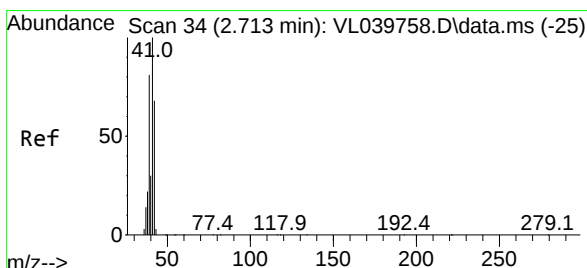
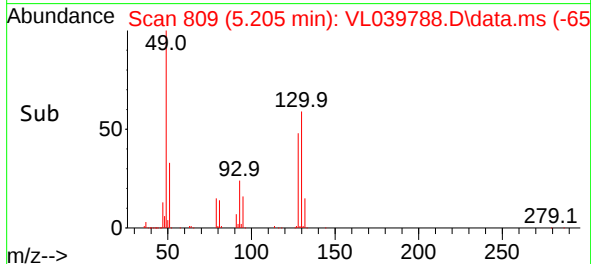
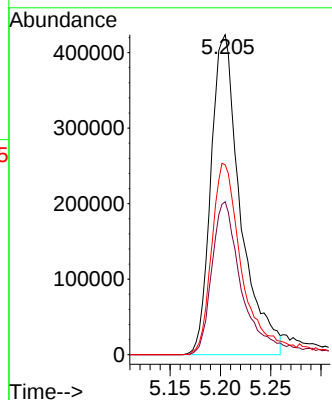
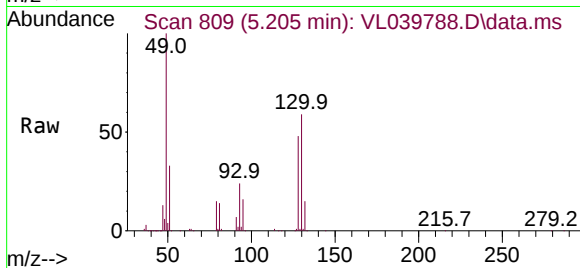




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

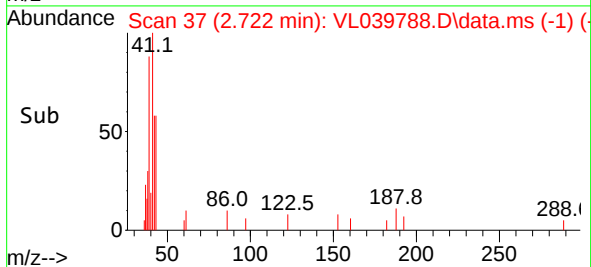
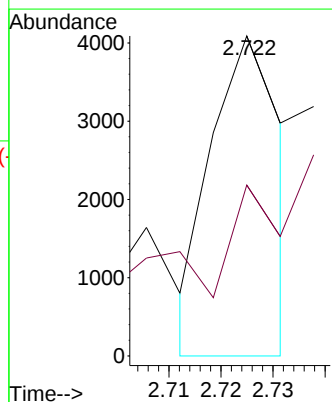
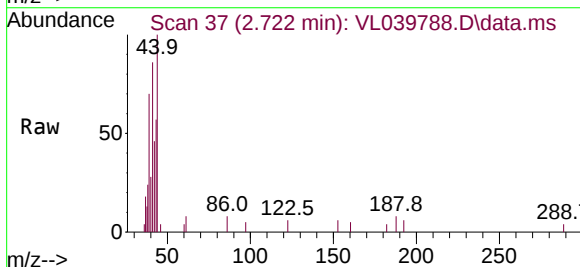
Instrument :
MSVOA_L
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VL1025ABL01

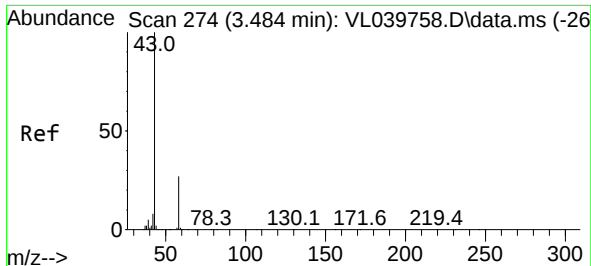
Tgt Ion: 49 Resp: 864152
Ion Ratio Lower Upper
49 100
128 51.4 24.6 74.0
130 65.9 31.8 95.3



#9
Propene
Concen: 0.043 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.010 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion: 41 Resp: 1911
Ion Ratio Lower Upper
41 100
42 0.0 58.0 87.0#

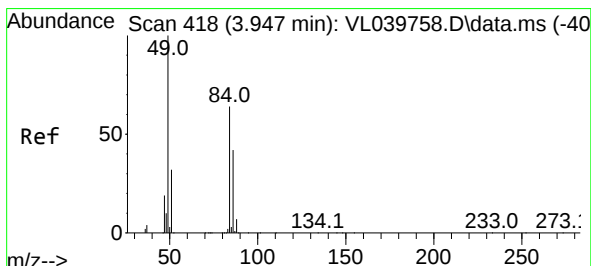
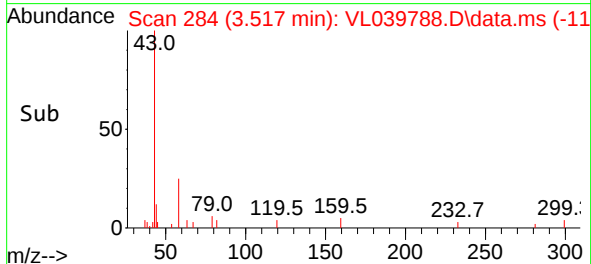
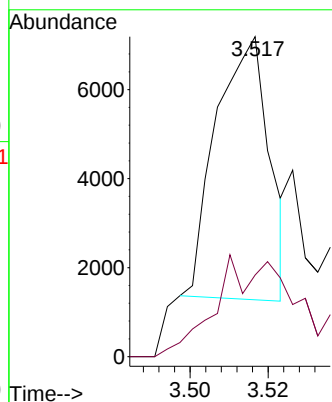
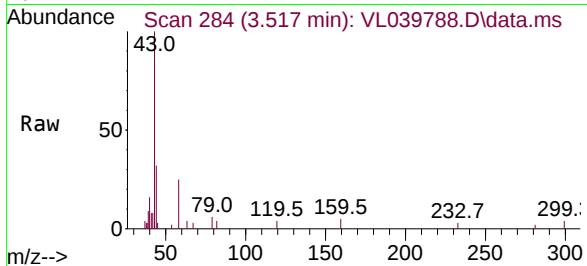




#15
Acetone
Concen: 0.054 ppbv
RT: 3.517 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

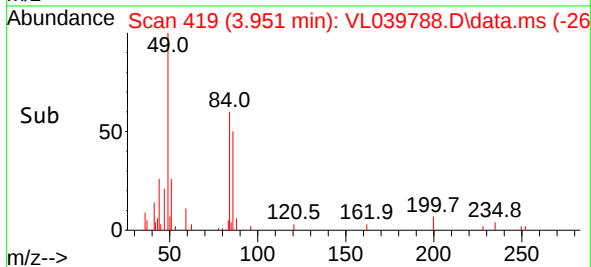
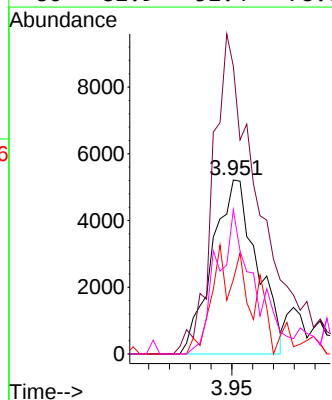
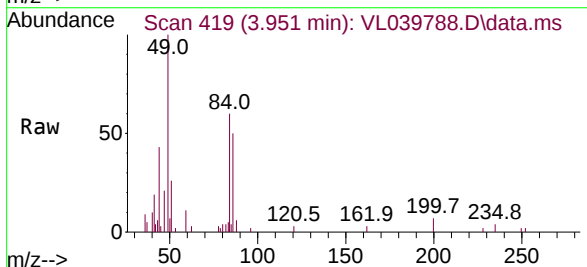
Instrument :
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ClientSampleId :
VL1025ABL01

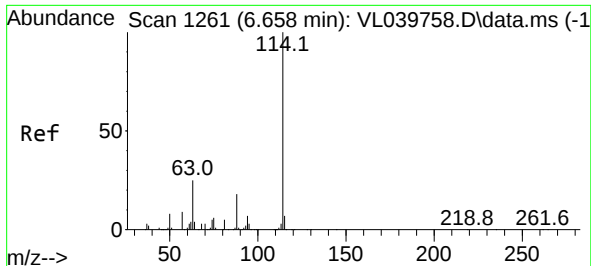
Tgt Ion: 43 Resp: 5580
Ion Ratio Lower Upper
43 100
58 70.6 20.7 31.1#



#20
Methylene Chloride
Concen: 0.197 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.003 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion: 84 Resp: 7755
Ion Ratio Lower Upper
84 100
49 161.3 126.0 189.0
51 42.7 40.9 61.3
86 82.9 52.4 78.6#

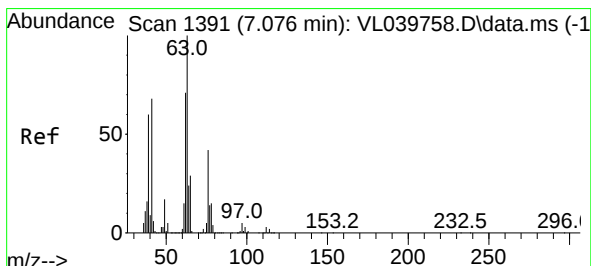
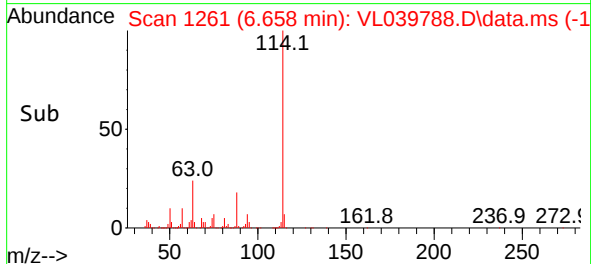
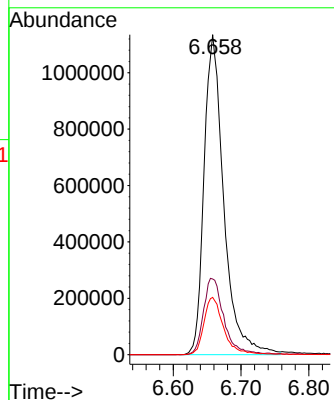
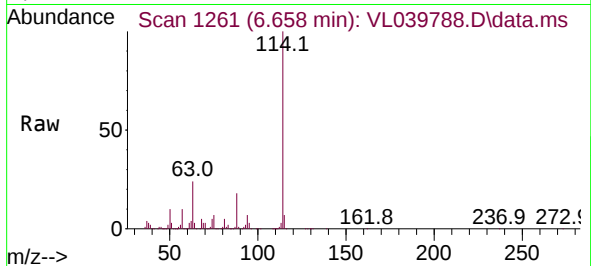




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

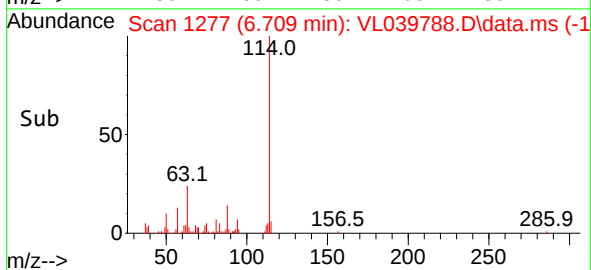
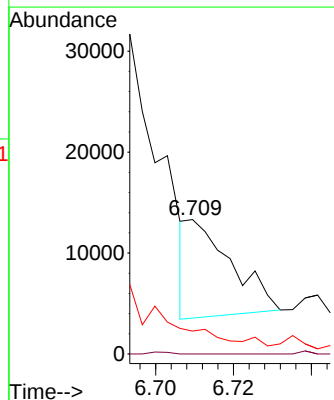
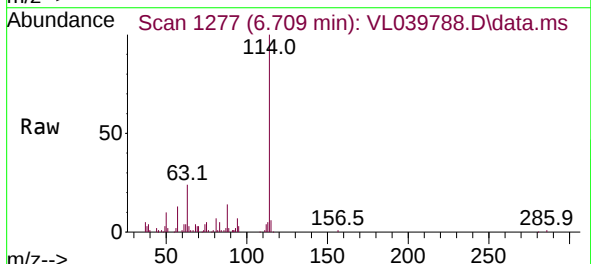
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

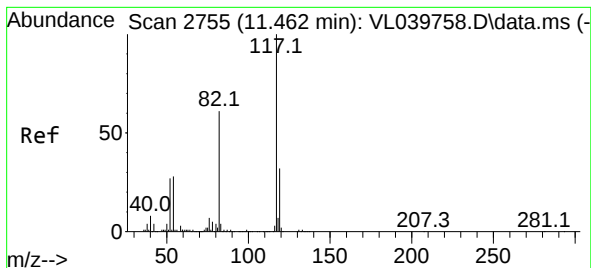
Tgt Ion:114 Resp: 2294526
Ion Ratio Lower Upper
114 100
63 24.9 20.1 30.1
88 18.1 14.5 21.7



#39
1,2-Dichloropropane
Concen: 0.111 ppbv
RT: 6.709 min Scan# 1277
Delta R.T. -0.366 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion: 63 Resp: 7563
Ion Ratio Lower Upper
63 100
41 0.0 54.5 81.7#
62 14.2 56.6 85.0#

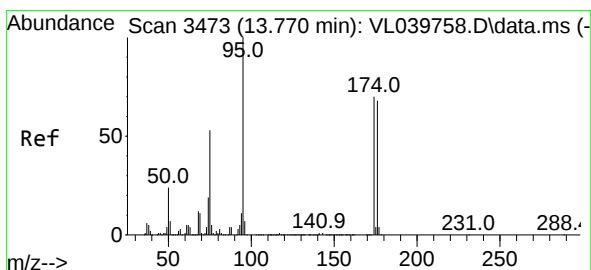
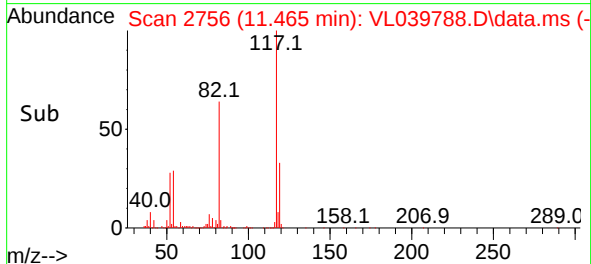
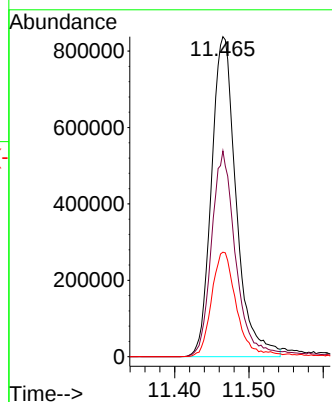
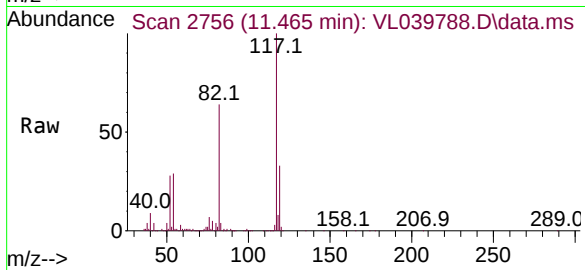




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Instrument :
MSVOA_1
ClientSampleId :
VL1025ABL01

Tgt Ion:117 Resp: 1933260
Ion Ratio Lower Upper
117 100
82 65.2 49.9 74.9
119 33.8 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.063 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.003 min
Lab File: VL039788.D
Acq: 25 Oct 2022 13:47

Tgt Ion: 95 Resp: 1383873
Ion Ratio Lower Upper
95 100
174 73.4 57.3 85.9
175 5.4 4.2 6.2

