Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL061322\
Data File : VL039254.D
Acq On : 13 Jun 2022 13:52
Operator : SY/AP
Sample : VL0613ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0613ABL01

Quant Time: Jun 14 01:30:23 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1343064	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3263671	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2671098	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2235655	10.12	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.20%			
Target Compounds						Qvalue
9) Propene	3.03	41	6190	0.083	ppbv	96
30) Cyclohexane	7.17	84	5170	0.044	ppbv #	1
39) 1,2-Dichloropropane	7.18	63	913036	8.663	ppbv #	24

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

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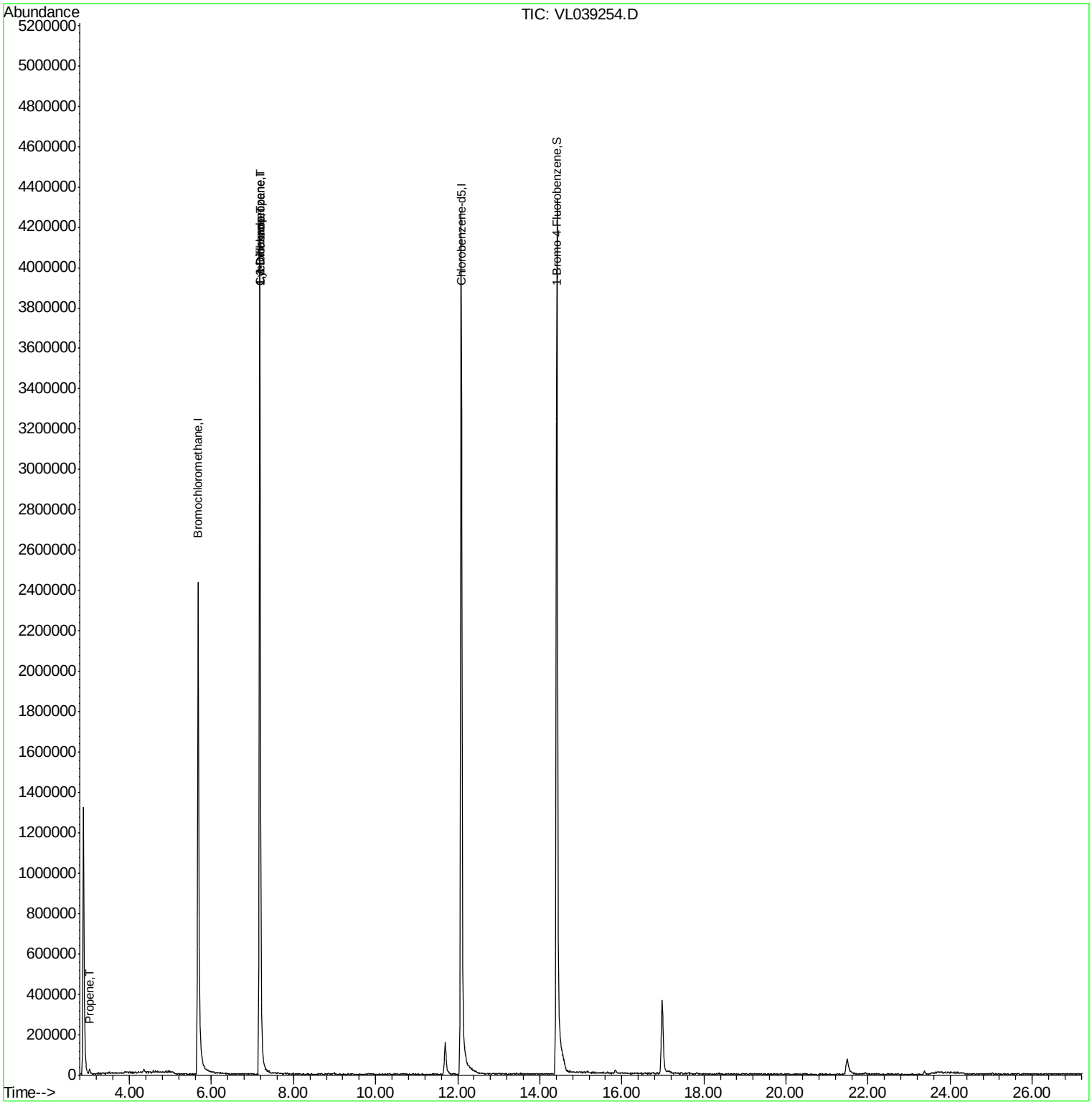
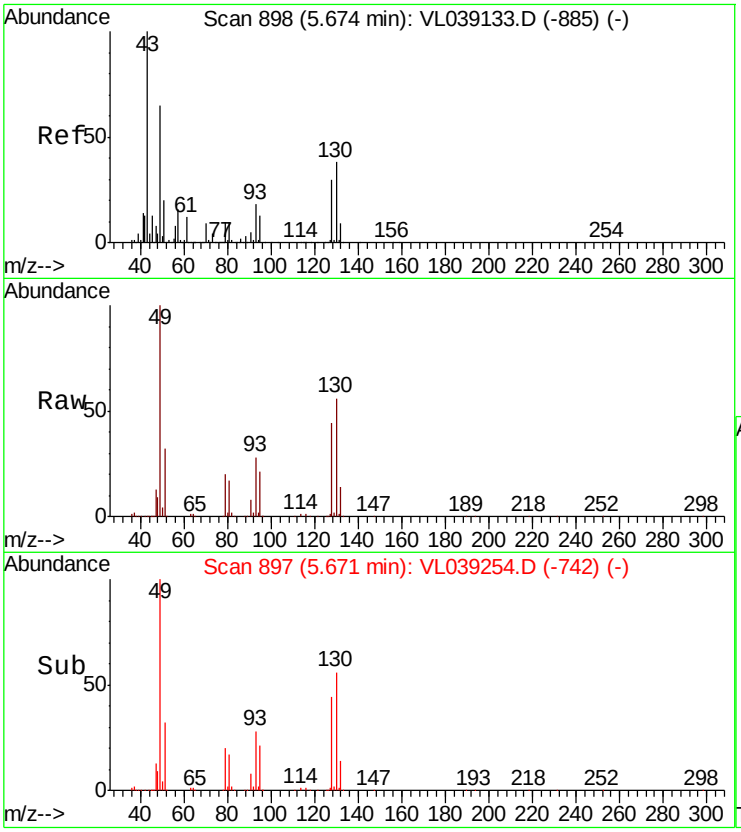


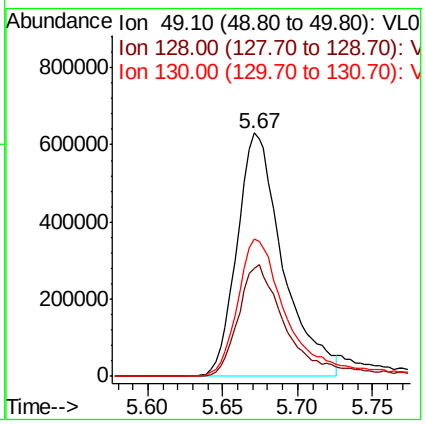


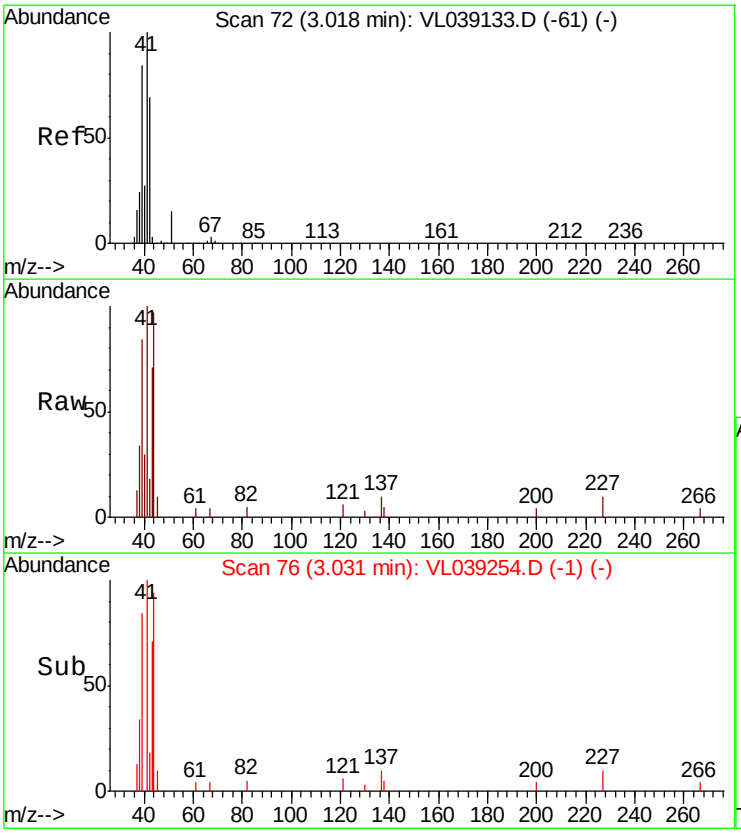
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 13 Jun 2022 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 49 Resp: 1343064

Ion	Ratio	Lower	Upper
49	100		
128	50.9	24.7	74.1
130	63.6	31.4	94.0

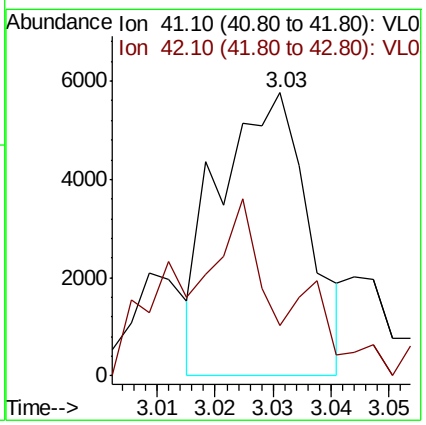


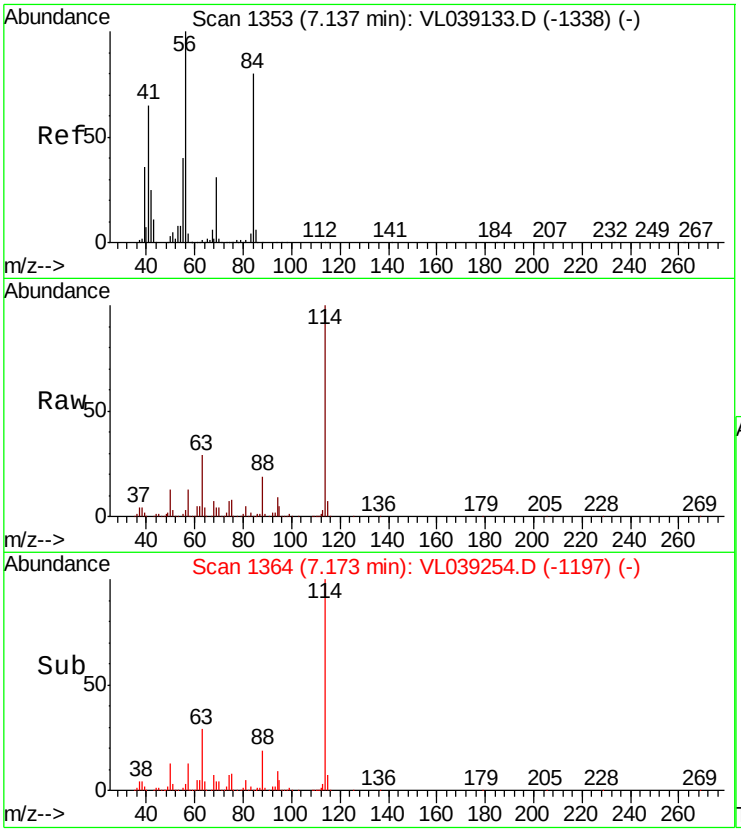


#9
Propene
Concen: 0.083 ppbv
RT: 3.03 min Scan# 76
Delta R.T. 0.01 min
Lab File: VL039254.D
Acq: 13 Jun 2022 13:52

Tgt Ion: 41 Resp: 6190

Ion	Ratio	Lower	Upper
41	100		
42	72.8	55.4	83.2



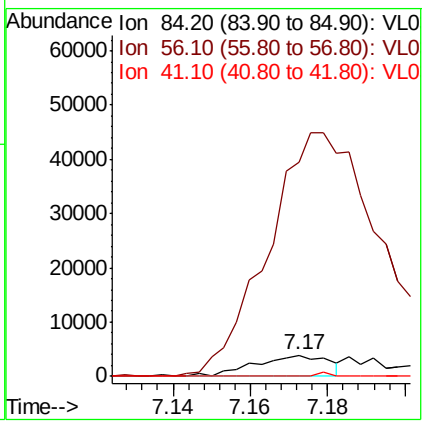


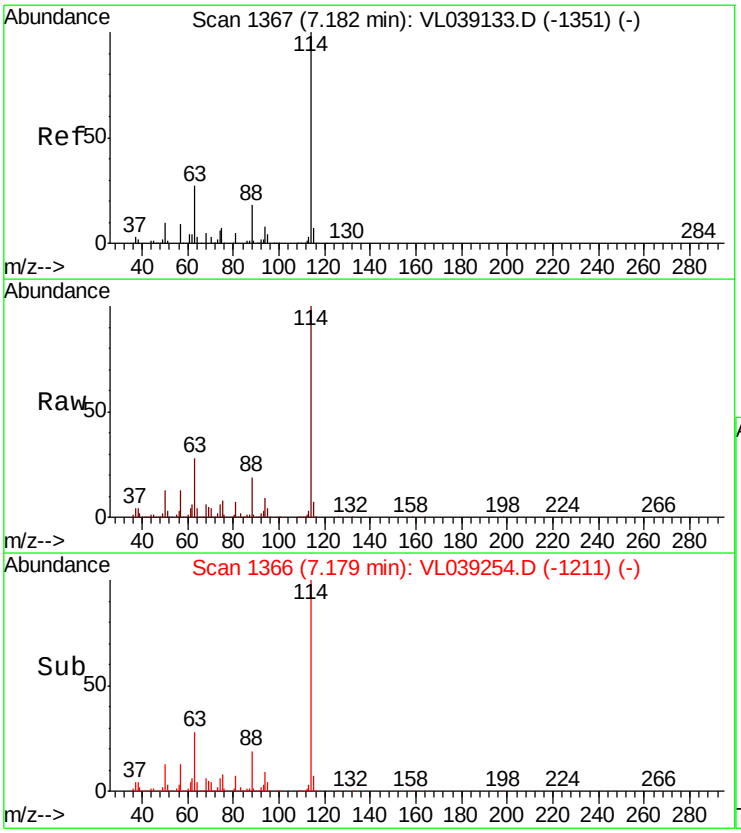
#30
Cyclohexane
Concen: 0.044 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 13 Jun 2022 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 84 Resp: 5170

Ion	Ratio	Lower	Upper
84	100		
56	0.0	110.6	165.8#
41	0.0	68.9	103.3#

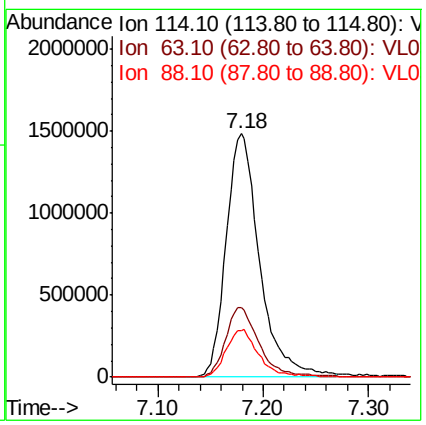


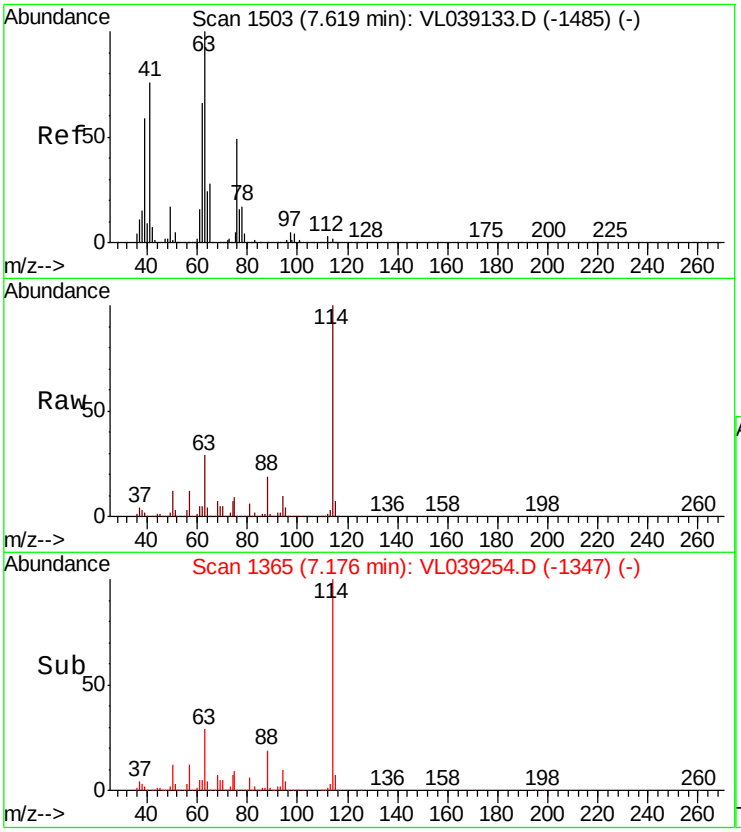


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.00 min
Lab File: VL039254.D
Acq: 13 Jun 2022 13:52

Tgt Ion:114 Resp: 3263671

Ion	Ratio	Lower	Upper
114	100		
63	28.8	21.7	32.5
88	19.4	14.8	22.2



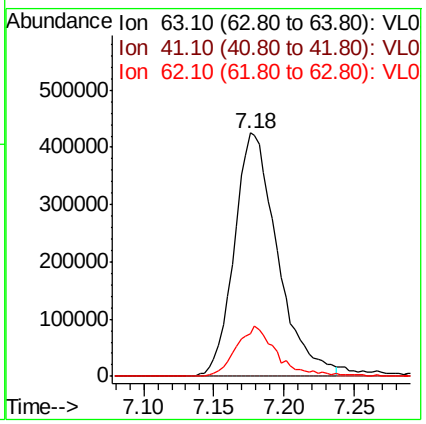


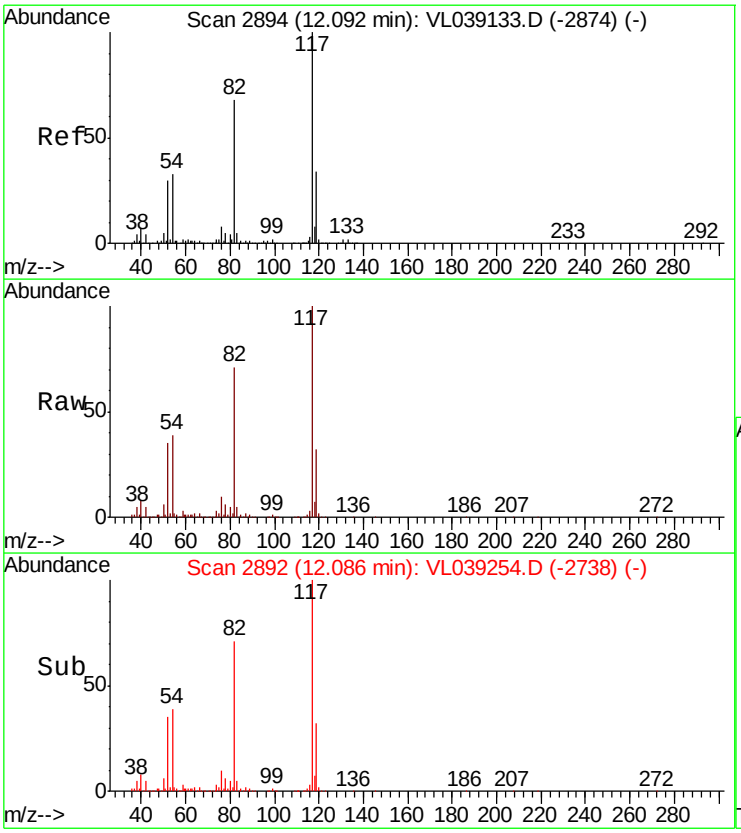
#39
1,2-Dichloropropane
Concen: 8.663 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 13 Jun 2022 13:52

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 63 Resp: 913036

Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	17.3	52.9	79.3#

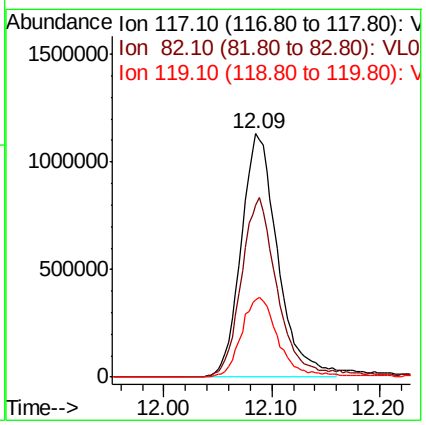


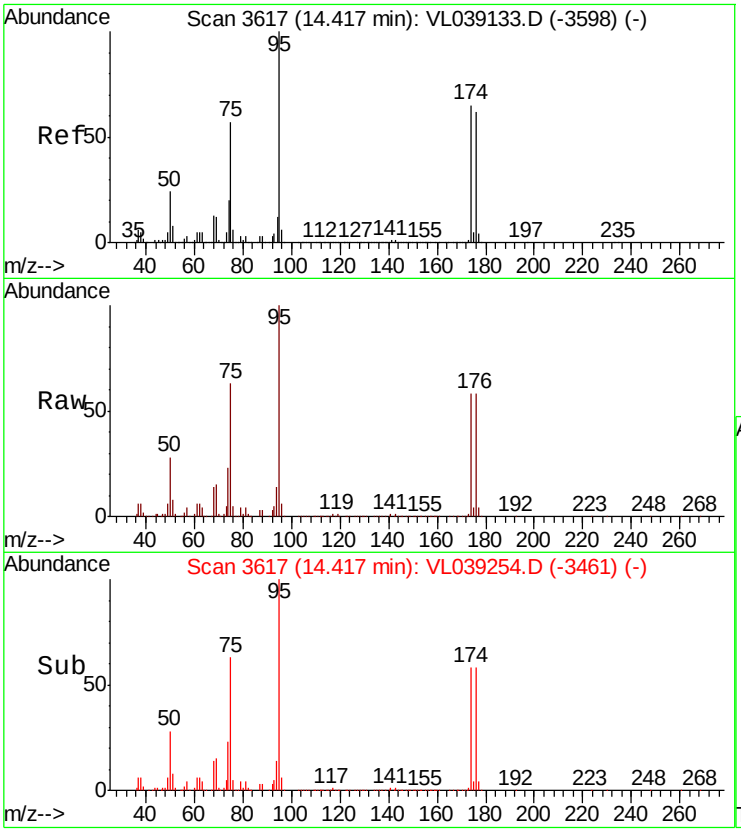


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL039254.D
Acq: 13 Jun 2022 13:52

Tgt Ion:117 Resp: 2671098

Ion	Ratio	Lower	Upper
117	100		
82	74.7	55.1	82.7
119	34.5	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.124 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 13 Jun 2022 13:32

Instrument :
MSVOA_L
ClientSampleId :
VL0613ABL01

Tgt Ion: 95 Resp: 2235655

Ion	Ratio	Lower	Upper
95	100		
174	62.6	53.8	80.8
175	4.2	4.1	6.1