Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039116.D
Acq On : 25 May 2022 14:12
Operator : SY/AP
Sample : VL0525ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0525ABL01

Quant Time: May 26 07:57:06 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1068304	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.14	114	2545958	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	2112570	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1707706	10.21	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.10%			
Target Compounds						Qvalue
9) Propene	3.00	41	2094	0.036	ppbv	# 1
13) Ethanol	3.60	45	681	0.166	ppbv	# 31
15) Acetone	3.86	43	14135	0.140	ppbv	# 75
20) Methylene Chloride	4.32	84	5103	0.134	ppbv	# 87
30) Cyclohexane	7.13	84	2811	0.031	ppbv	# 1
39) 1,2-Dichloropropane	7.14	63	709061	8.364	ppbv	# 26

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

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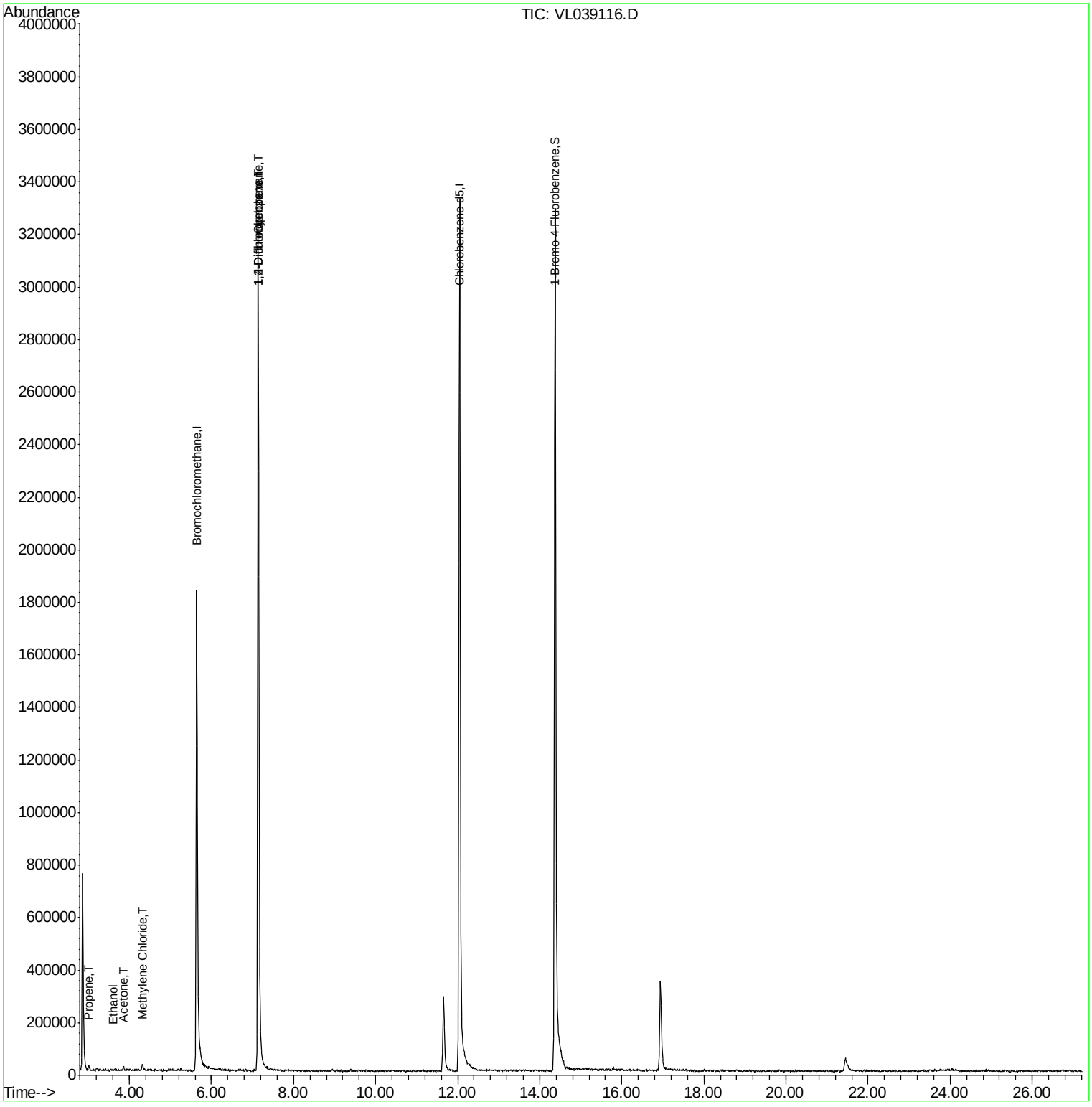
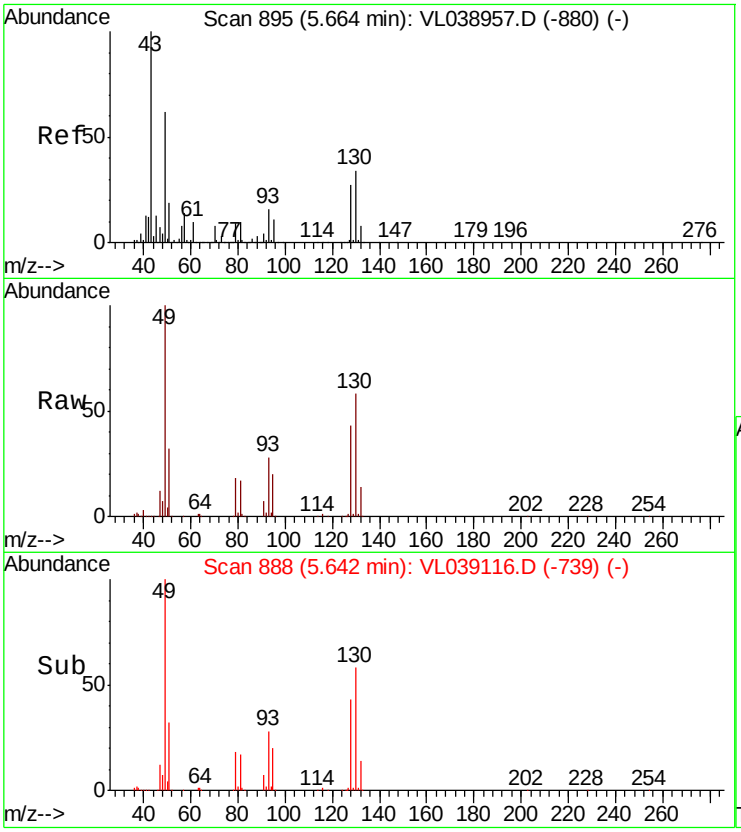


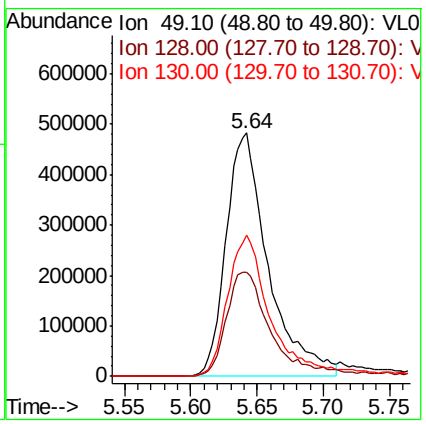


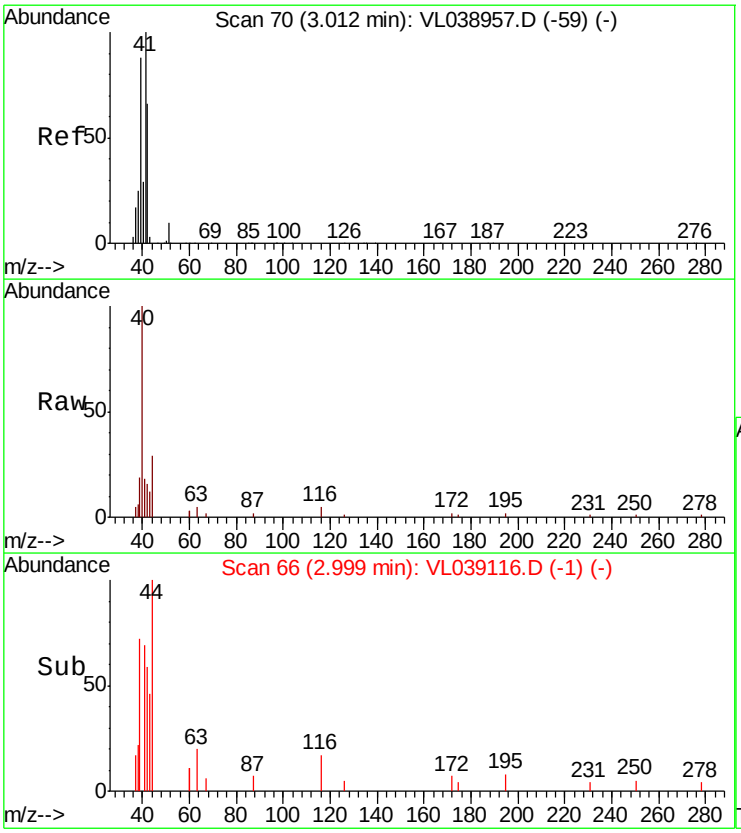
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 25 May 2022 14:12

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion: 49 Resp: 1068304

Ion	Ratio	Lower	Upper
49	100		
128	46.6	23.3	69.8
130	61.8	29.8	89.3

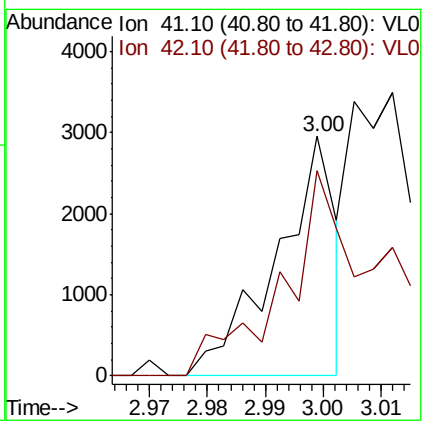


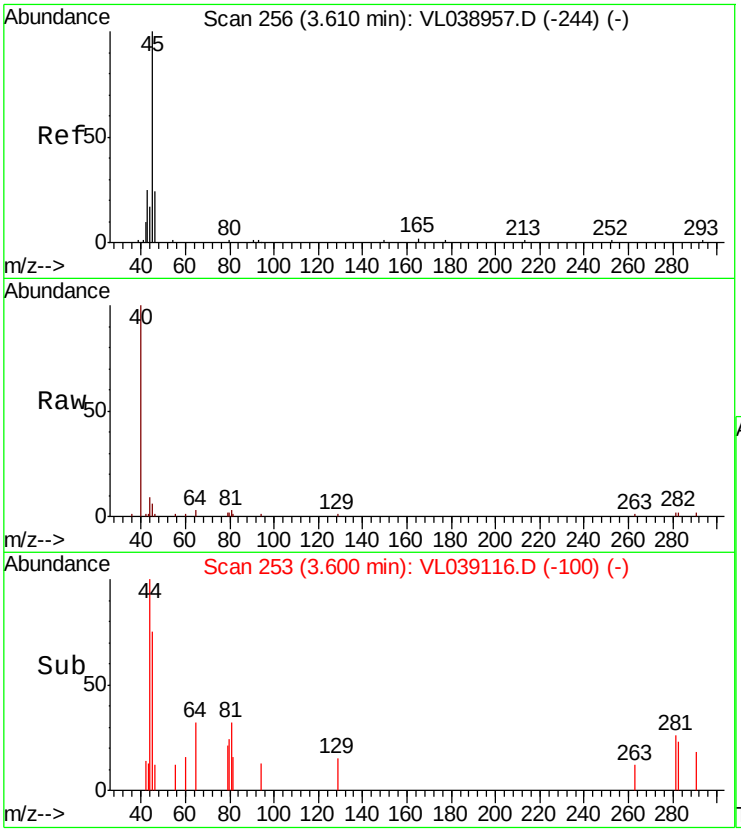


#9
Propene
Concen: 0.036 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.01 min
Lab File: VL039116.D
Acq: 25 May 2022 14:12

Tgt Ion: 41 Resp: 2094

Ion	Ratio	Lower	Upper
41	100		
42	164.4	58.3	87.5#



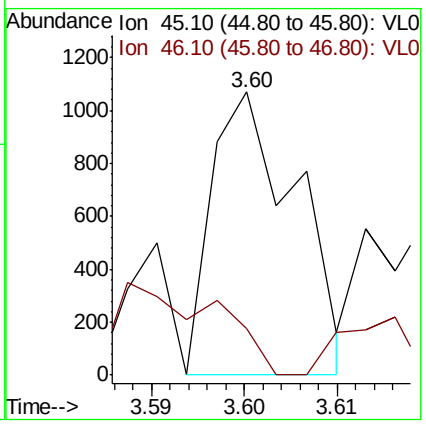


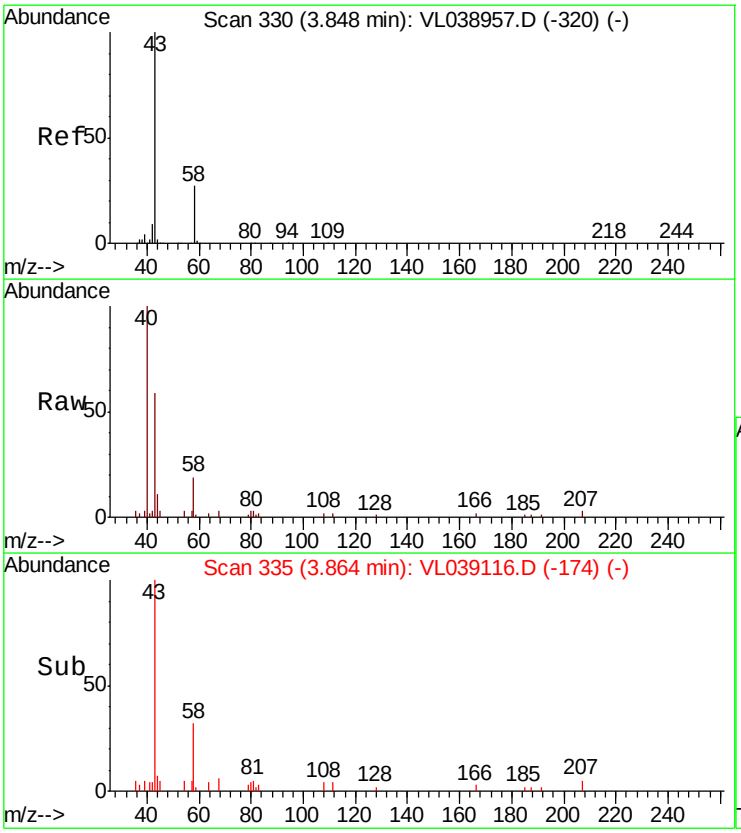
#13
Ethanol
Concen: 0.166 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 25 May 2022 14:12

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion: 45 Resp: 681

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#

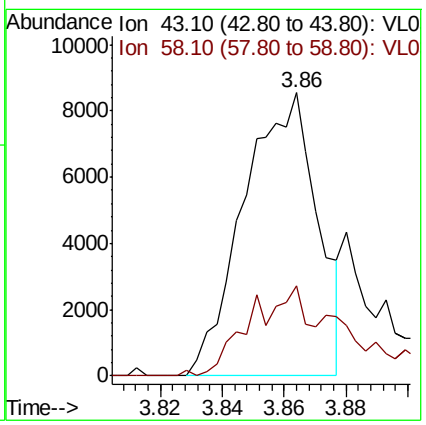


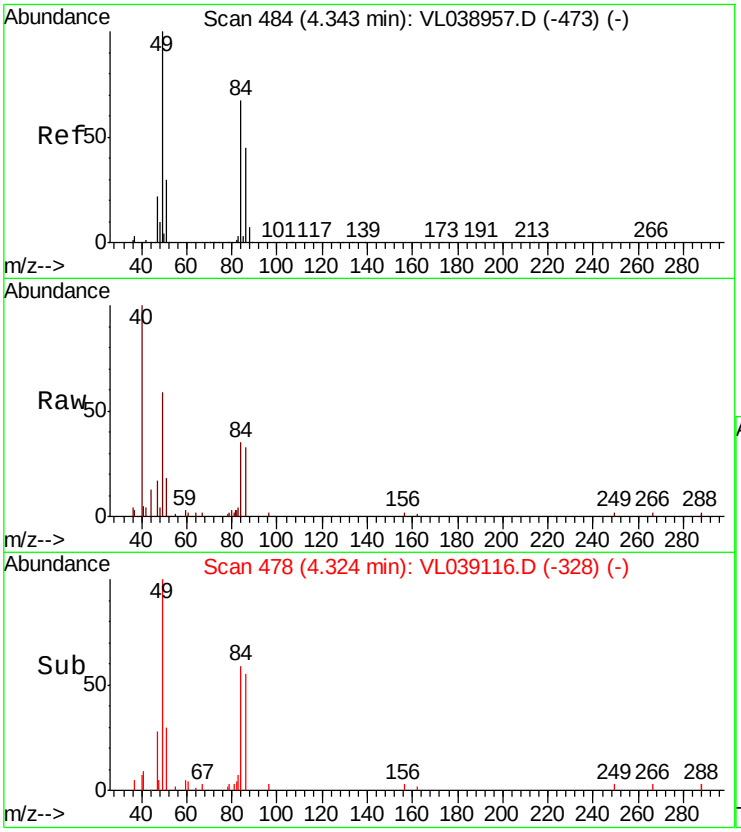


#15
Acetone
Concen: 0.140 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.02 min
Lab File: VL039116.D
Acq: 25 May 2022 14:12

Tgt Ion: 43 Resp: 14135

Ion	Ratio	Lower	Upper
43	100		
58	39.3	21.3	31.9#



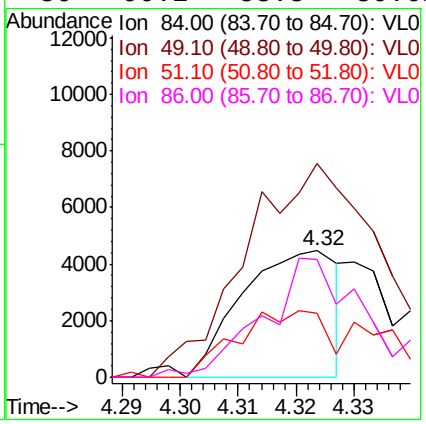


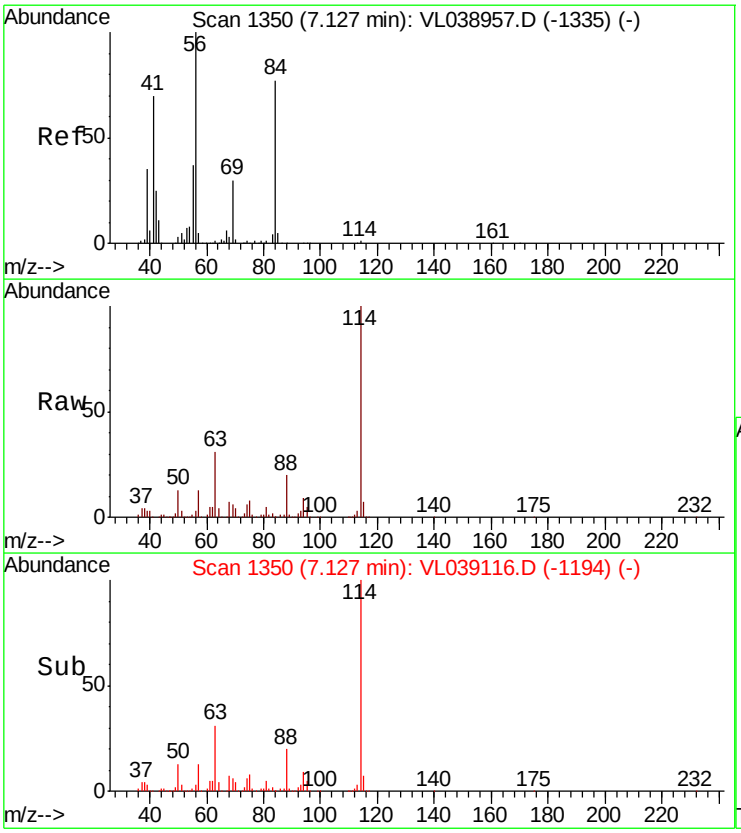
#20
Methylene Chloride
Concen: 0.134 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 25 May 2022 14:12

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion: 84 Resp: 5103

Ion	Ratio	Lower	Upper
84	100		
49	140.2	119.9	179.9
51	50.3	35.7	53.5
86	90.2	53.8	80.6#

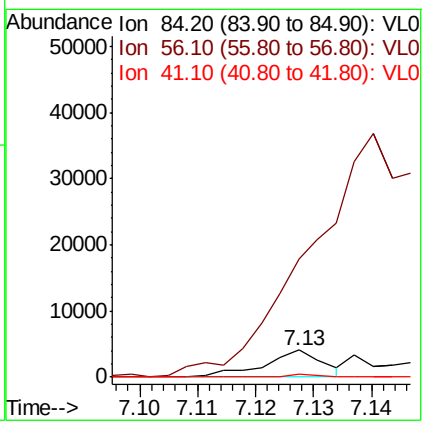


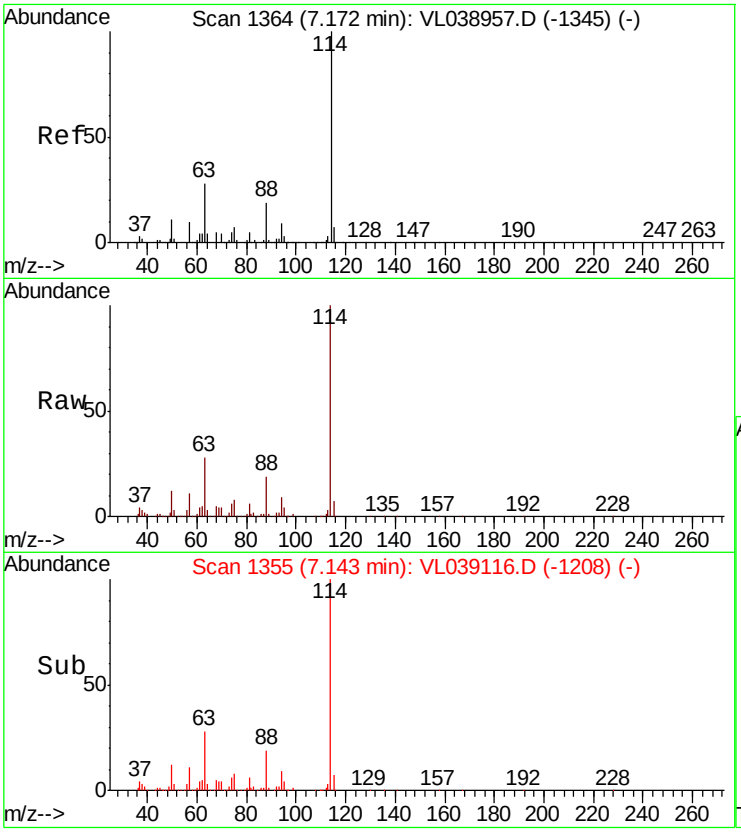


#30
Cyclohexane
Concen: 0.031 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VL039116.D
Acq: 25 May 2022 14:12

Tgt Ion: 84 Resp: 2811

Ion	Ratio	Lower	Upper
84	100		
56	0.0	115.3	172.9#
41	4.9	72.0	108.0#



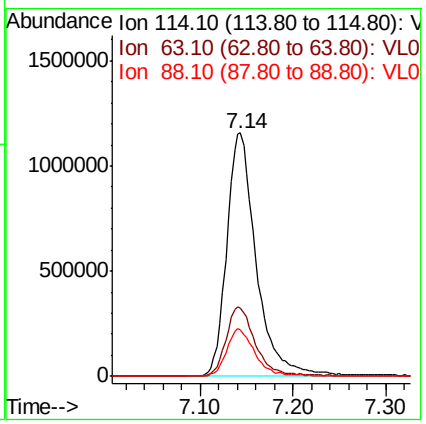


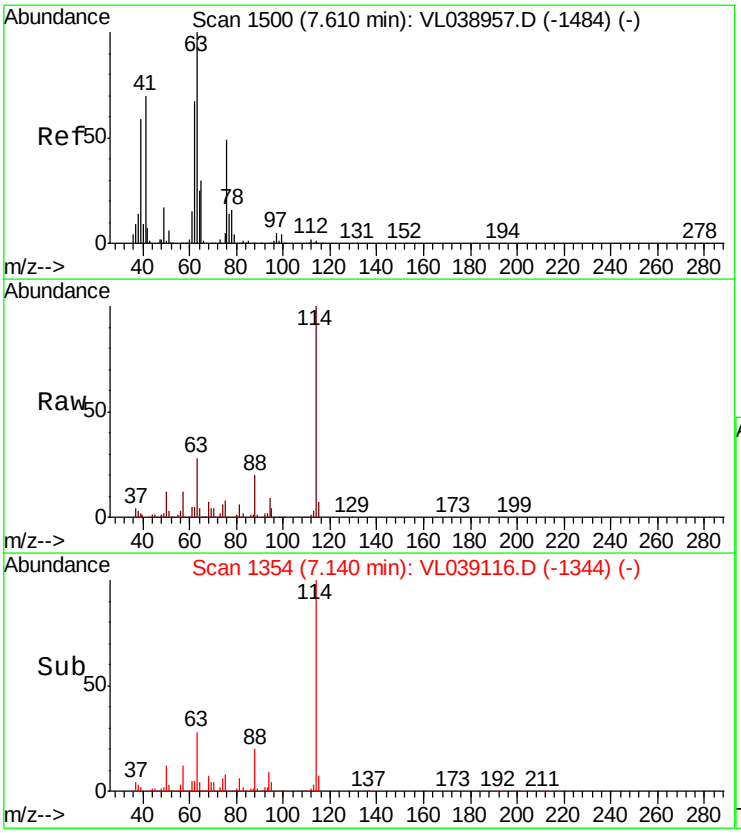
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 25 May 2022 14:12

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion:114 Resp: 2545958

Ion	Ratio	Lower	Upper
114	100		
63	28.8	22.6	33.8
88	19.1	15.4	23.0

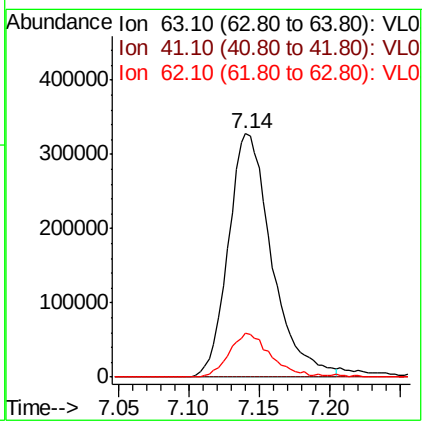


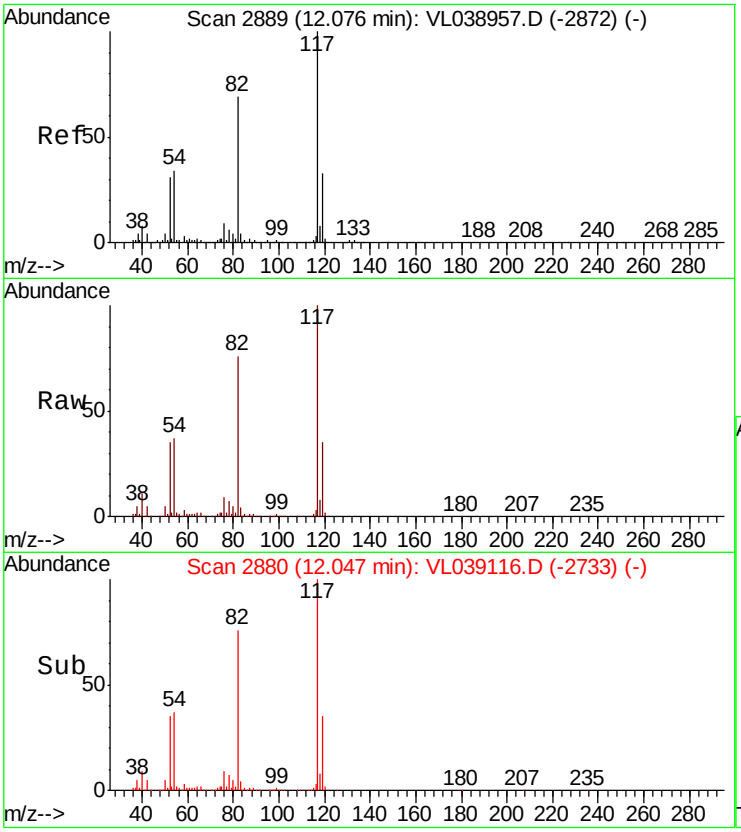


#39
1,2-Dichloropropane
Concen: 8.364 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.47 min
Lab File: VL039116.D
Acq: 25 May 2022 14:12

Tgt Ion: 63 Resp: 709061

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	17.7	53.8	80.6#



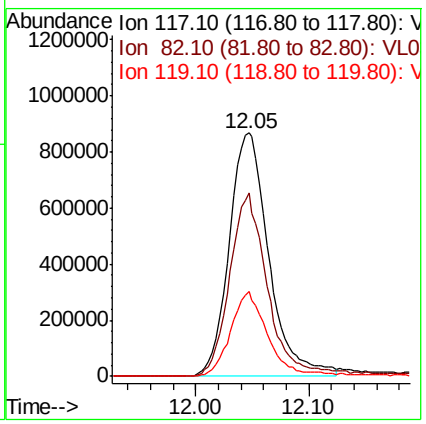


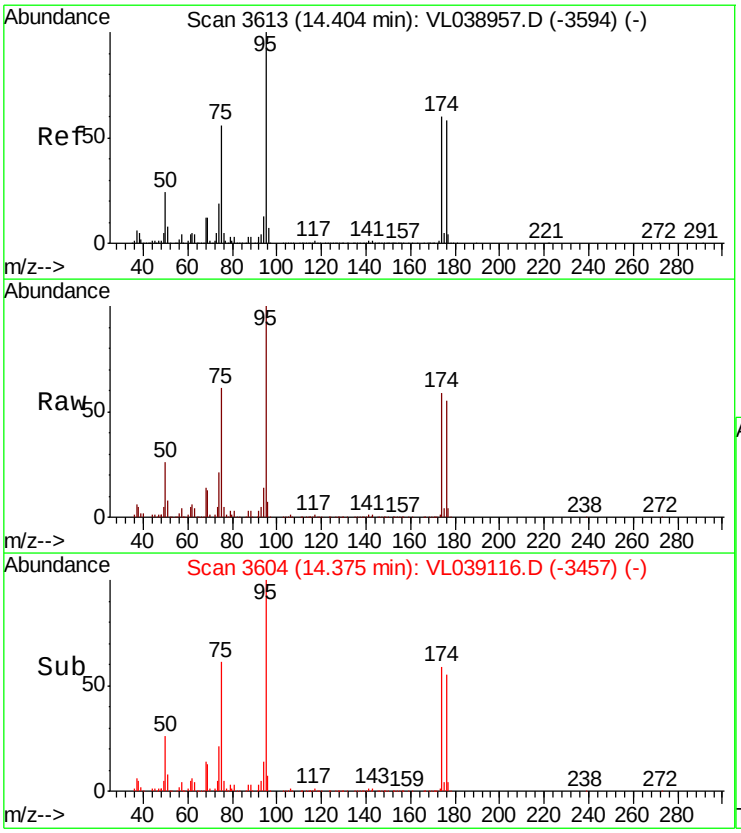
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 25 May 2022 14:12

Instrument :
MSVOA_L
ClientSampleId :
VL0525ABL01

Tgt Ion:117 Resp: 2112570

Ion	Ratio	Lower	Upper
117	100		
82	74.7	57.0	85.6
119	33.8	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.207 ppbv
RT: 14.37 min Scan# 3604
Delta R.T. -0.03 min
Lab File: VL039116.D
Acq: 25 May 2022 14:12

Tgt Ion: 95 Resp: 1707706

Ion	Ratio	Lower	Upper
95	100		
174	62.5	50.8	76.2
175	4.4	3.8	5.6