Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039105.D
Acq On : 24 May 2022 5:03
Operator : SY/AP
Sample : N2957-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AP-3DL

Quant Time: May 24 06:05:06 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	5.65	49	1247475	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.15	114	3170815	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.06	117	2760571	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	2120197	9.70	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	14354	0.073	ppbv		89
3) Chlorodifluoromethane	2.96	51	164628	1.064	ppbv	#	61
4) Chloromethane	3.13	50	5212	0.067	ppbv	#	87
9) Propene	3.20	41	161322	2.386	ppbv		97
13) Ethanol	3.58	45	3120538	652.296	ppbv		89
15) Acetone	3.84	43	239524	2.035	ppbv		97
16) 1,3-Butadiene	3.30	39	2454	0.036	ppbv	#	57
17) tert-Butyl alcohol	4.29	59	8741	0.097	ppbv		95
19) Isopropyl Alcohol	3.95	45	921967	16.479	ppbv	#	99
20) Methylene Chloride	4.33	84	34096	0.769	ppbv		95
23) Vinyl Acetate	5.05	43	17844	0.192	ppbv	#	50
25) Ethyl Acetate	5.66	43	42575	0.151	ppbv	#	93
26) Hexane	5.67	57	36003	0.288	ppbv	#	64
29) Chloroform	5.74	83	124967	0.617	ppbv		98
34) 2-Butanone	5.23	43	11387	0.070	ppbv	#	54
36) Benzene	6.87	78	12338	0.045	ppbv	#	88
39) 1,2-Dichloropropane	7.15	63	776586	7.355	ppbv	#	25
53) Toluene	9.78	91	58456	0.192	ppbv		92

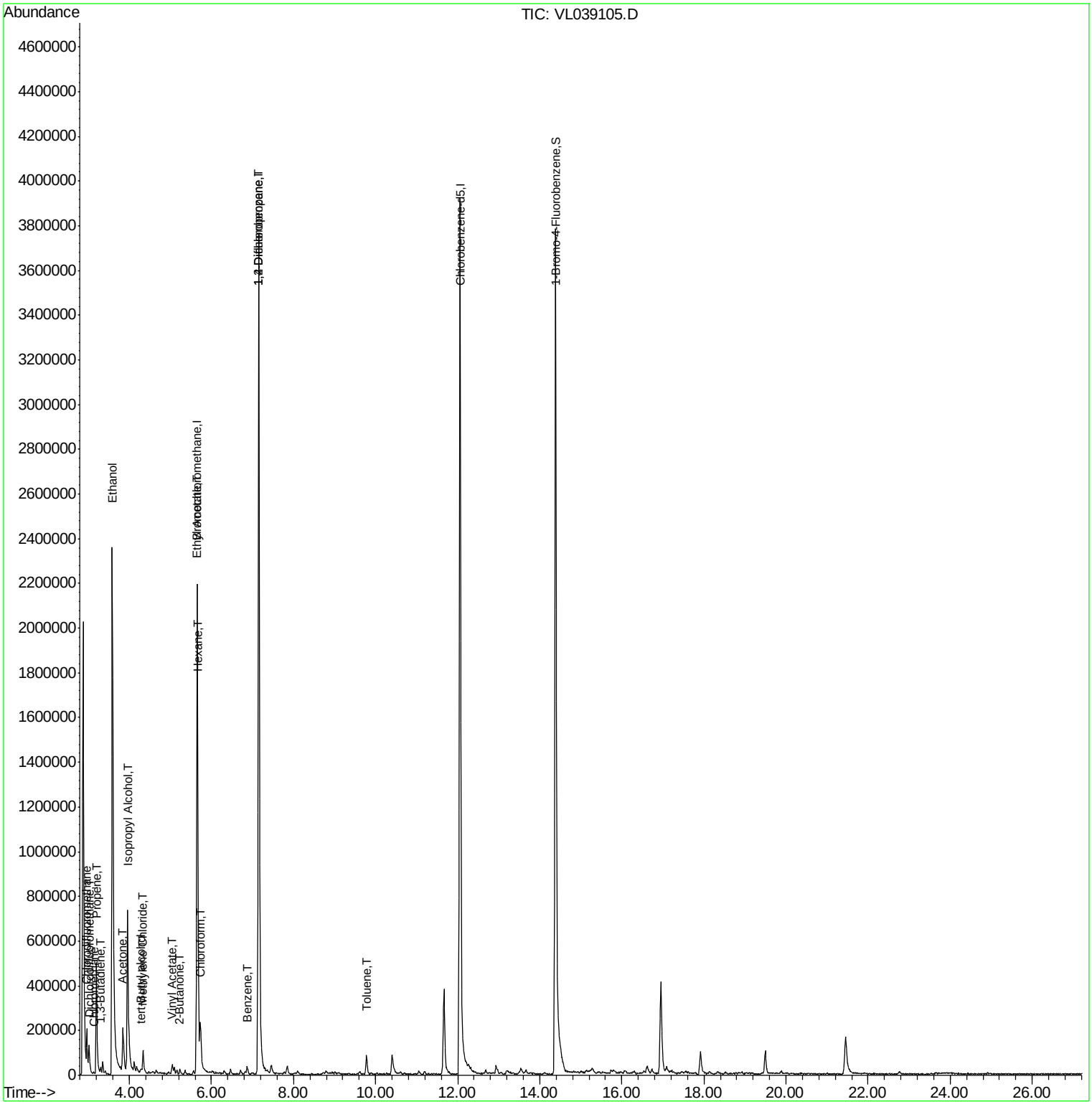
(#) = qualifier out of range (m) = manual integration (+) = signals summed

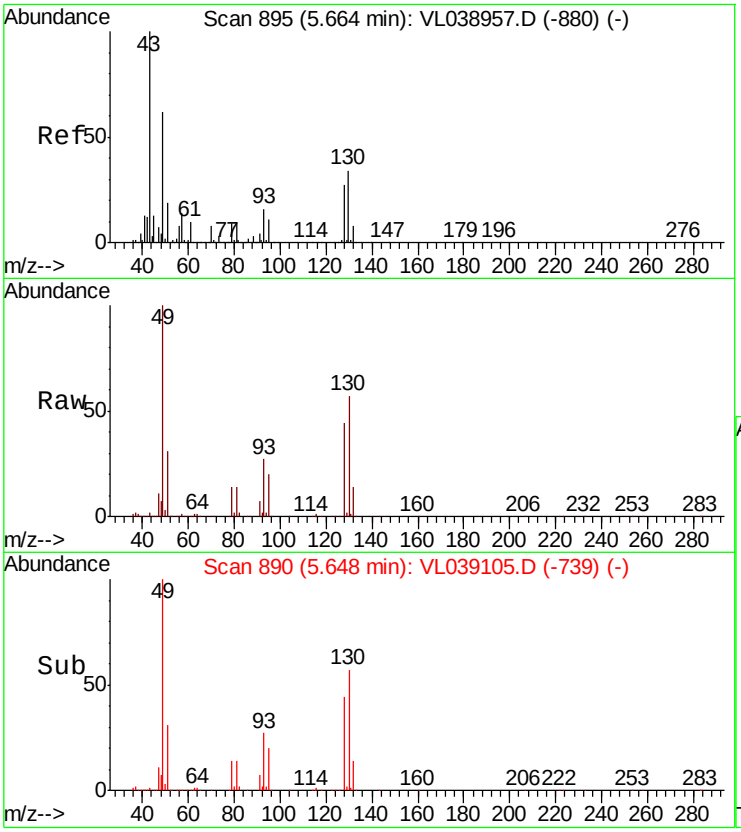
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052322\
Data File : VL039105.D
Acq On : 24 May 2022 5:03
Operator : SY/AP
Sample : N2957-03DL 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Quant Time: May 24 06:05:06 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



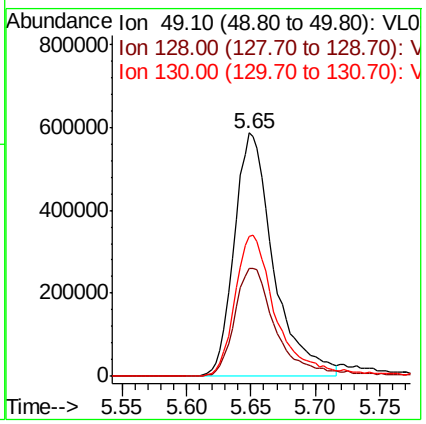


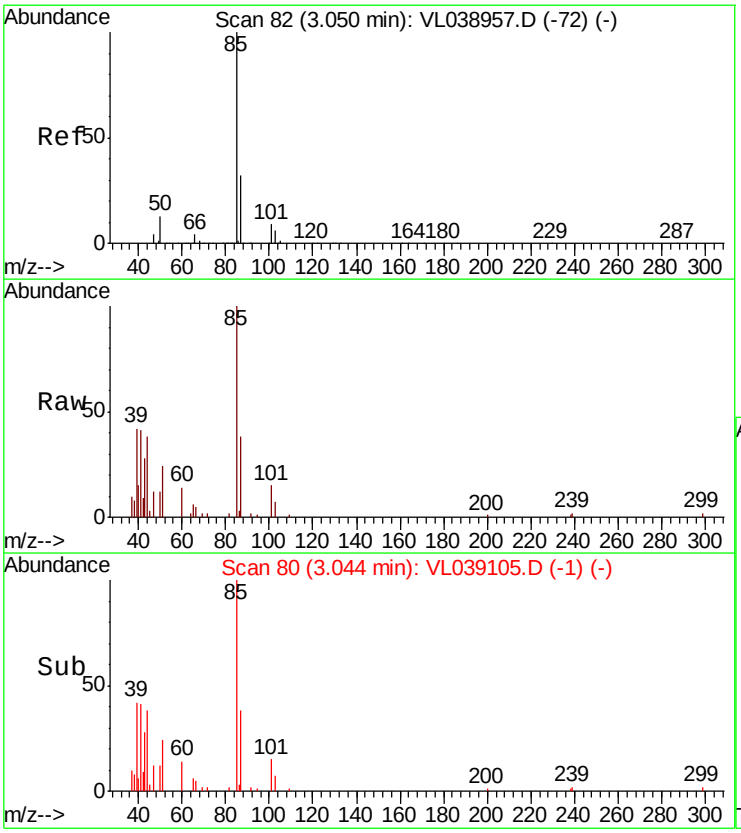
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 49 Resp: 1247475

Ion	Ratio	Lower	Upper
49	100		
128	48.5	23.3	69.8
130	62.2	29.8	89.3

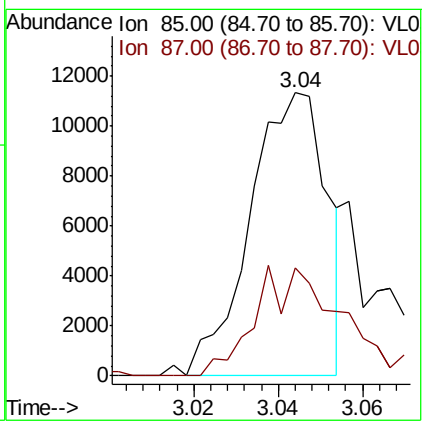


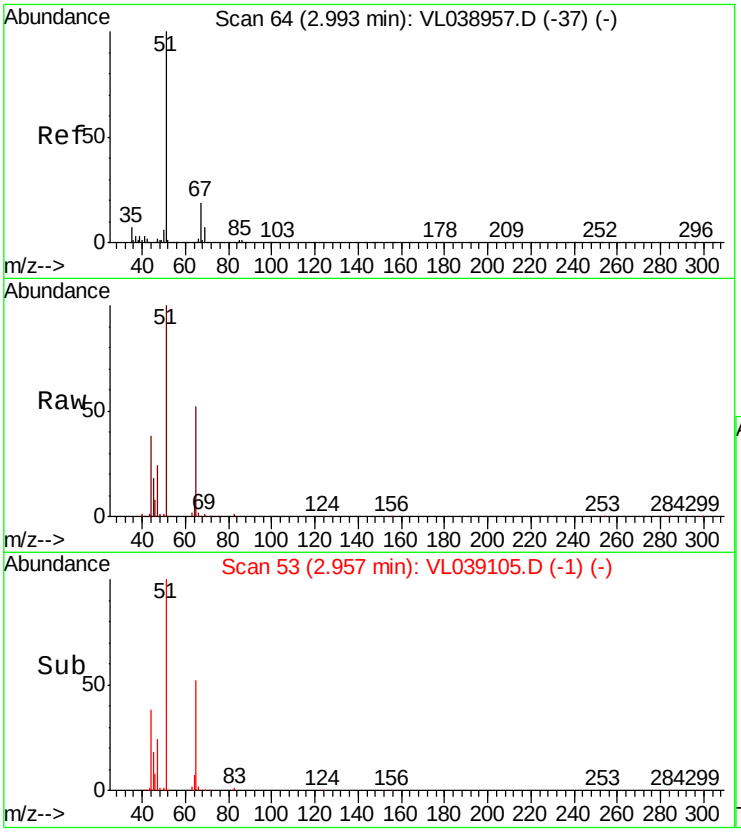


#2
Dichlorodifluoromethane
Concen: 0.073 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 85 Resp: 14354

Ion	Ratio	Lower	Upper
85	100		
87	38.1	25.7	38.5



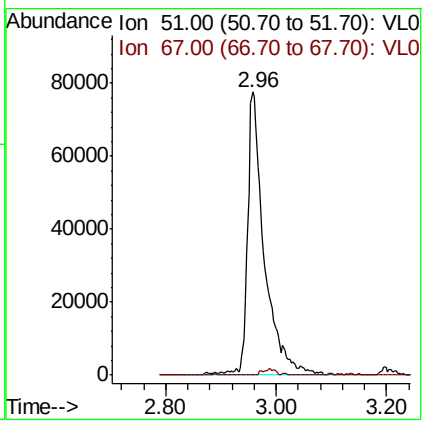


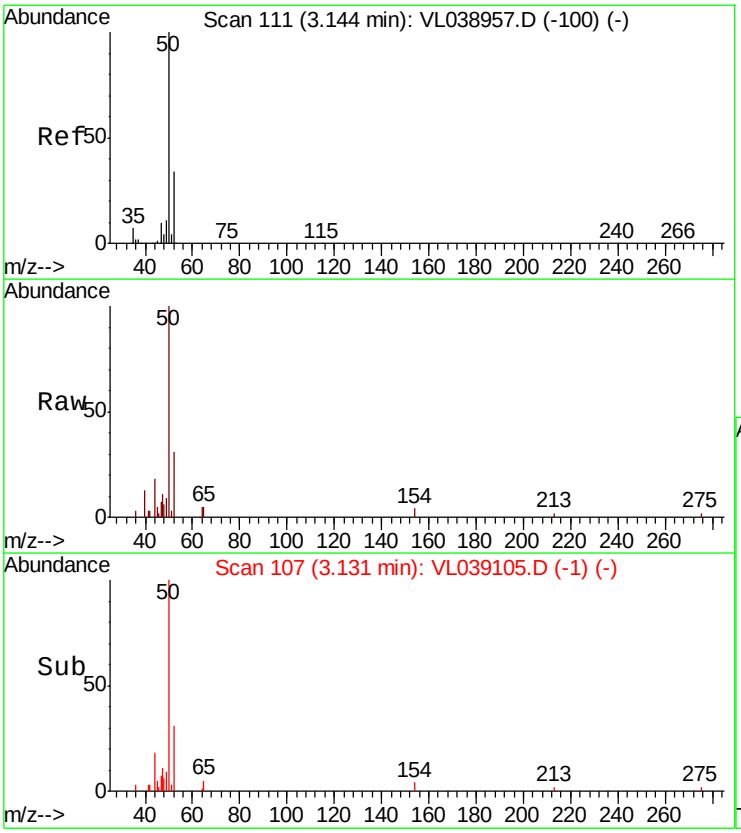
#3
Chlorodifluoromethane
Concen: 1.064 ppbv
RT: 2.96
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 51 Resp: 164628

Ion	Ratio	Lower	Upper
51	100		
67	2.1	15.8	23.8#

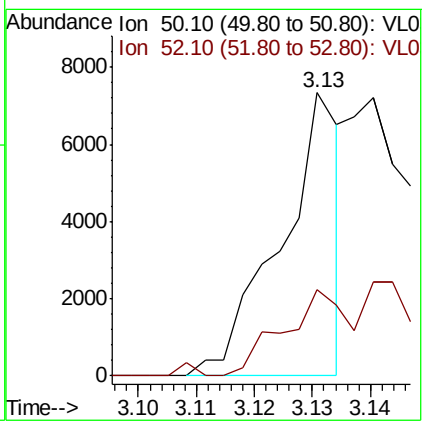


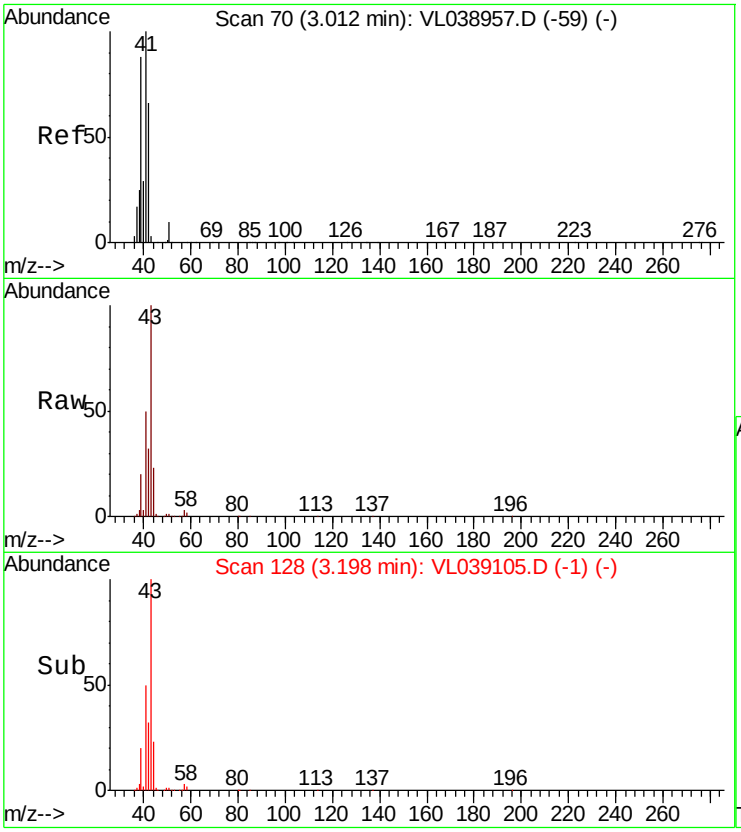


#4
Chloromethane
Concen: 0.067 ppbv
RT: 3.13 min Scan# 107
Delta R.T. -0.01 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 50 Resp: 5212

Ion	Ratio	Lower	Upper
50	100		
52	26.8	27.3	40.9#



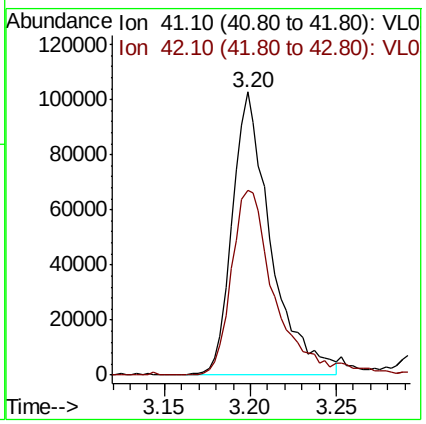


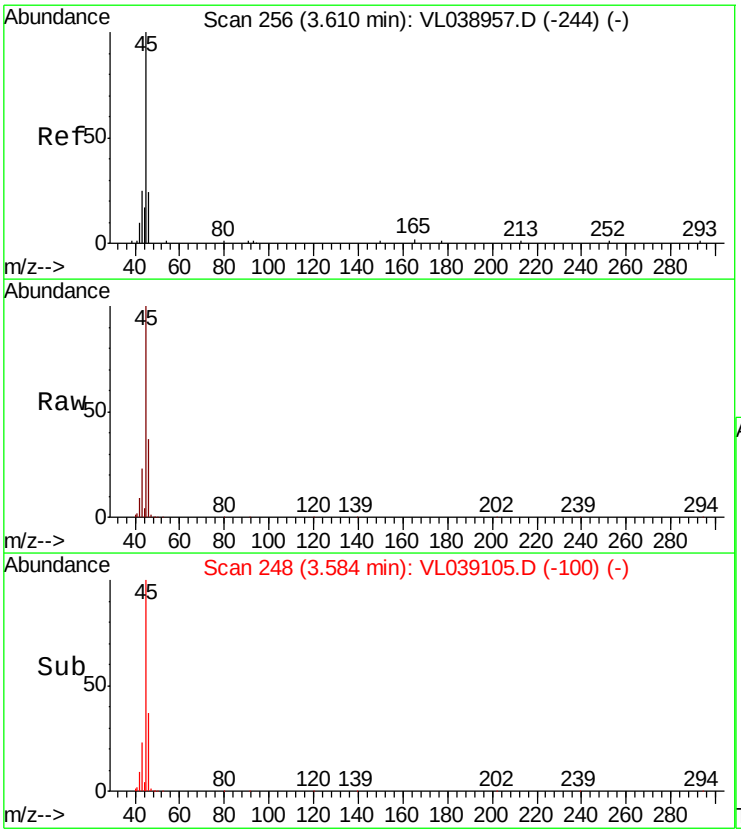
#9
Propene
Concen: 2.386 ppbv
RT: 3.20
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 41 Resp: 161322

Ion	Ratio	Lower	Upper
41	100		
42	75.7	58.3	87.5

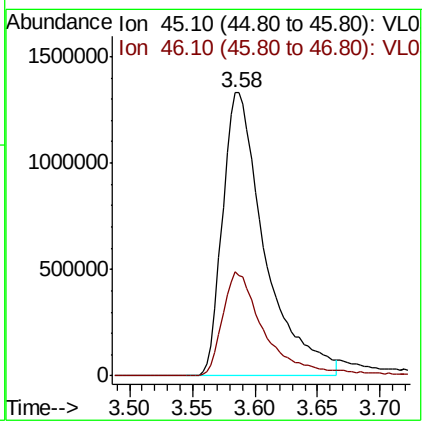


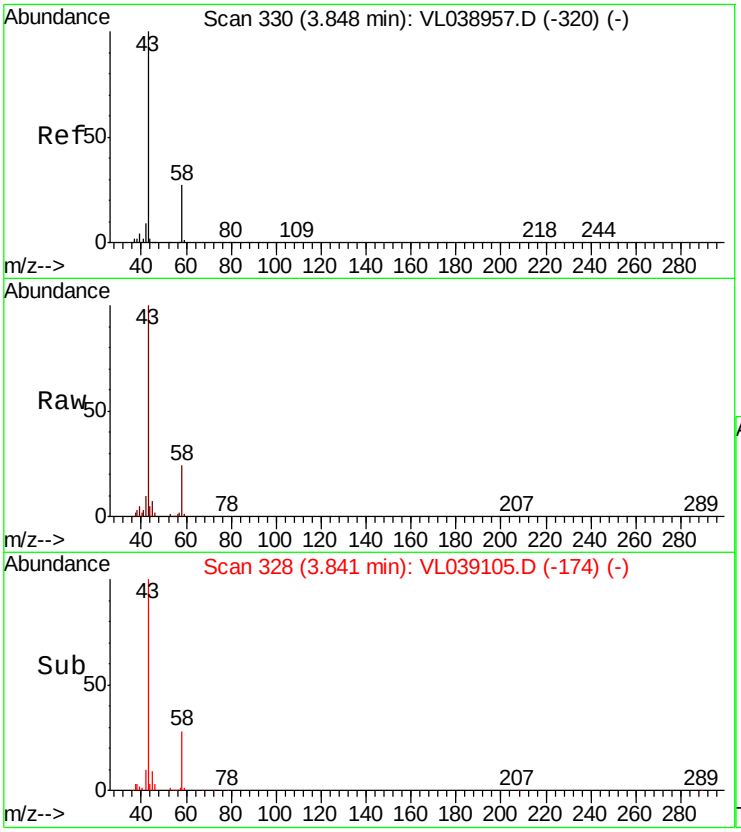


#13
Ethanol
Concen: 652.296 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.03 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 45 Resp: 3120538

Ion	Ratio	Lower	Upper
45	100		
46	38.2	18.0	72.2



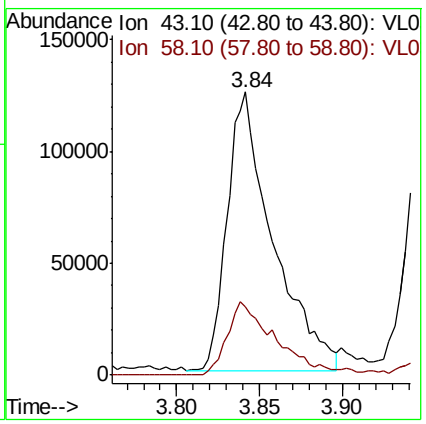


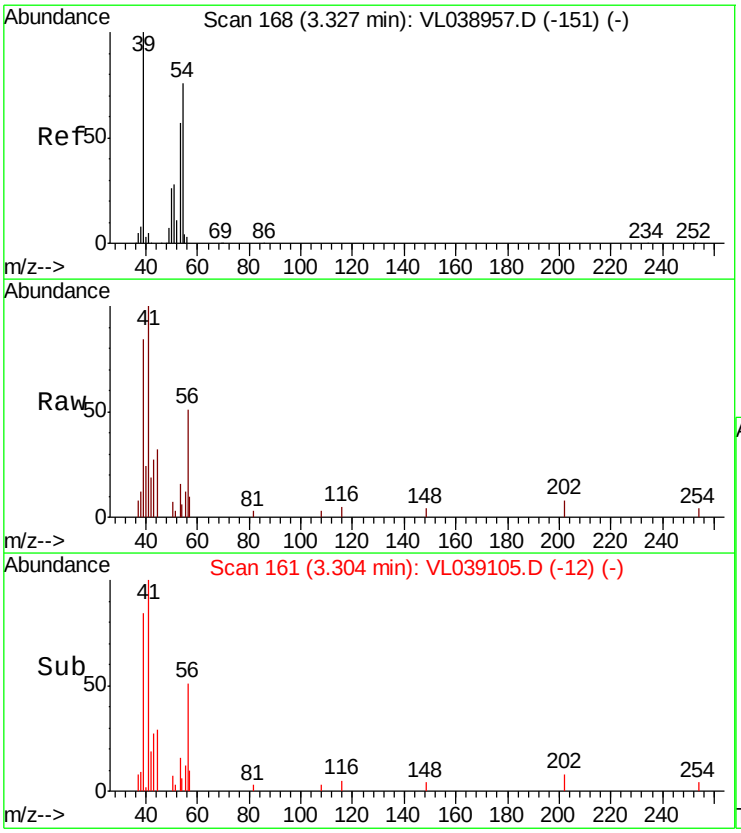
#15
Acetone
Concen: 2.035 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 43 Resp: 239524

Ion	Ratio	Lower	Upper
43	100		
58	28.2	21.3	31.9

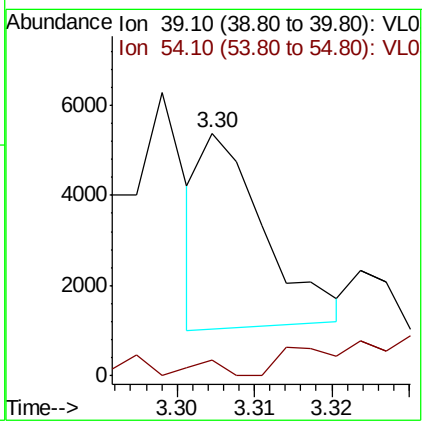


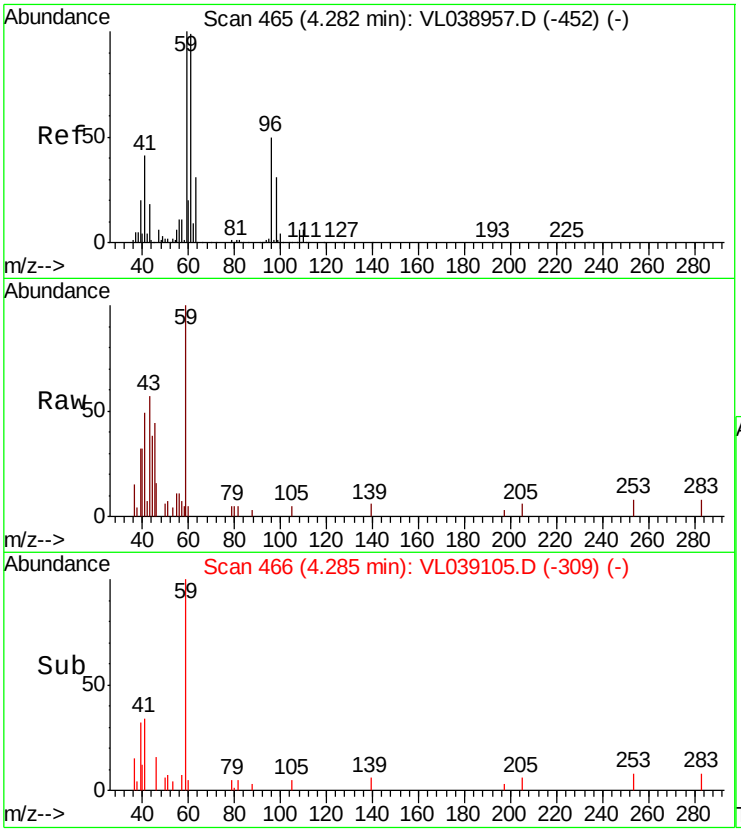


#16
1,3-Butadiene
Concen: 0.036 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 39 Resp: 2454

Ion	Ratio	Lower	Upper
39	100		
54	43.6	65.2	97.8#



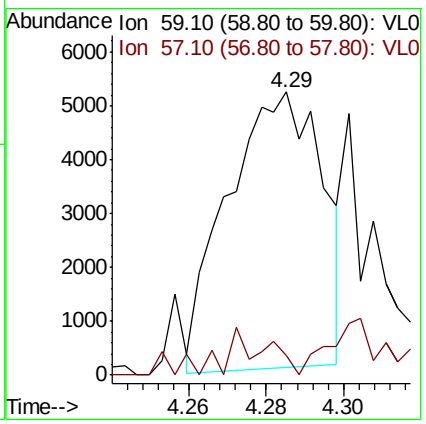


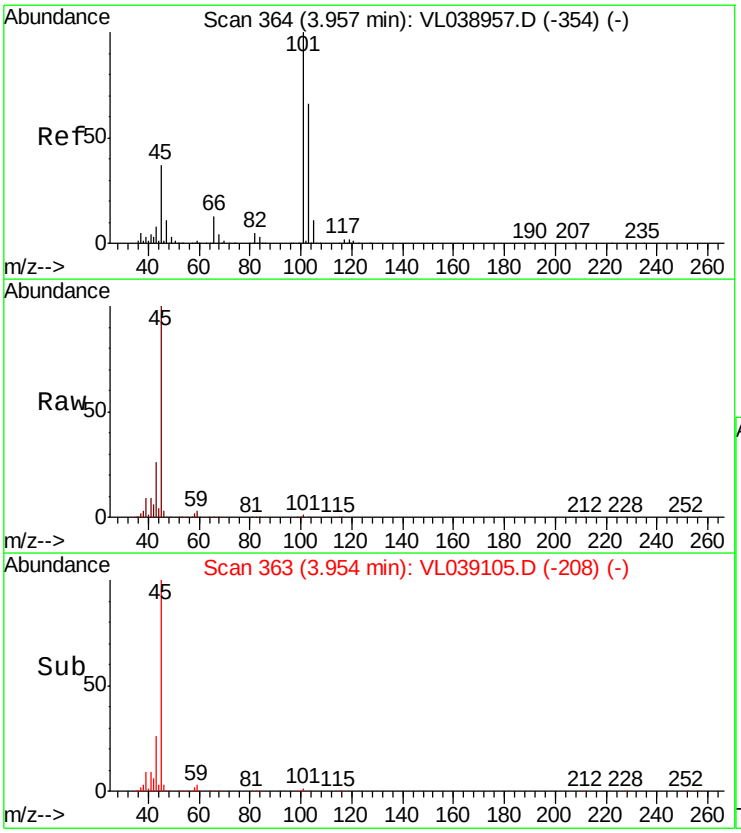
#17
tert-Butyl alcohol
Concen: 0.097 ppbv
RT: 4.29
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 59 Resp: 8741

Ion	Ratio	Lower	Upper
59	100		
57	9.5	9.2	13.8

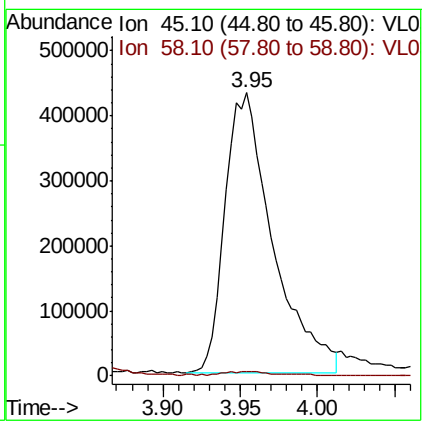


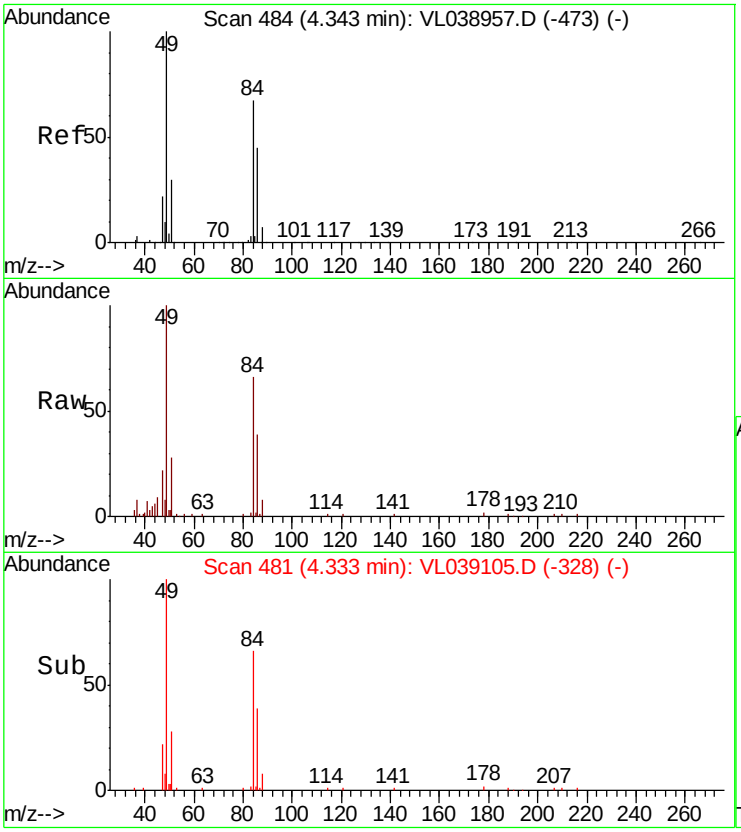


#19
Isopropyl Alcohol
Concen: 16.479 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.00 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 45 Resp: 921967

Ion	Ratio	Lower	Upper
45	100		
58	2.2	1.4	2.2#



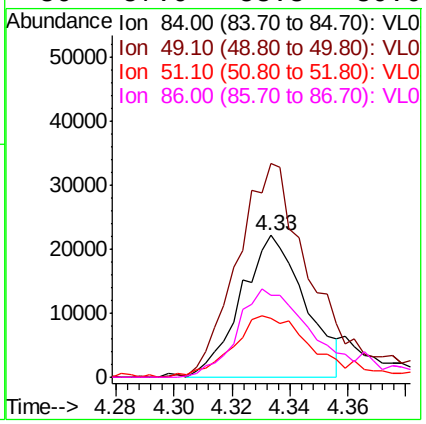


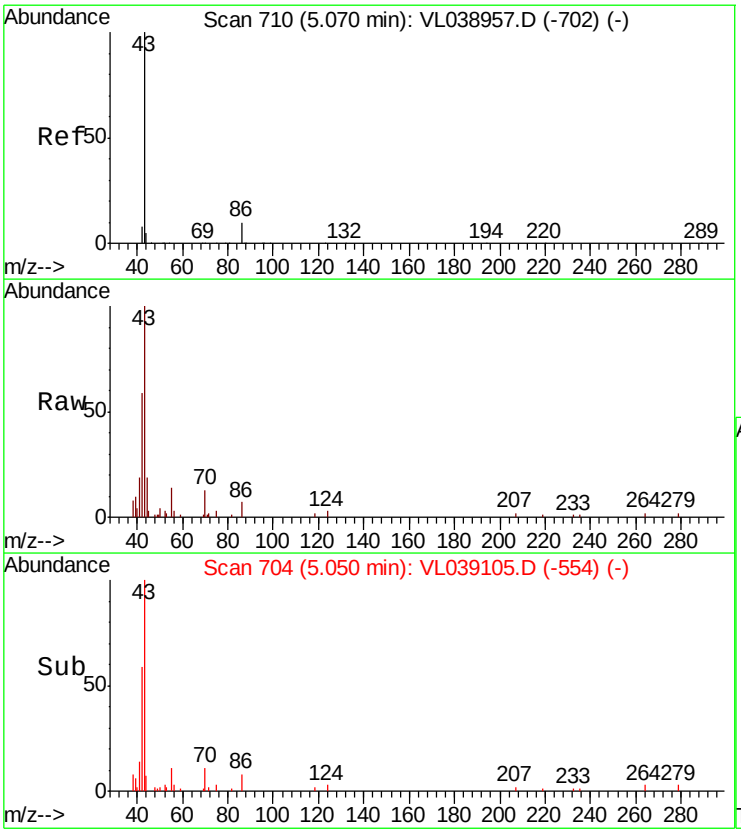
#20
Methylene Chloride
Concen: 0.769 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 84 Resp: 34096

Ion	Ratio	Lower	Upper
84	100		
49	149.6	119.9	179.9
51	39.6	35.7	53.5
86	57.0	53.8	80.6

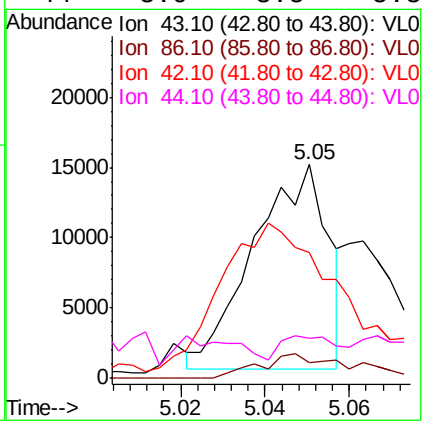


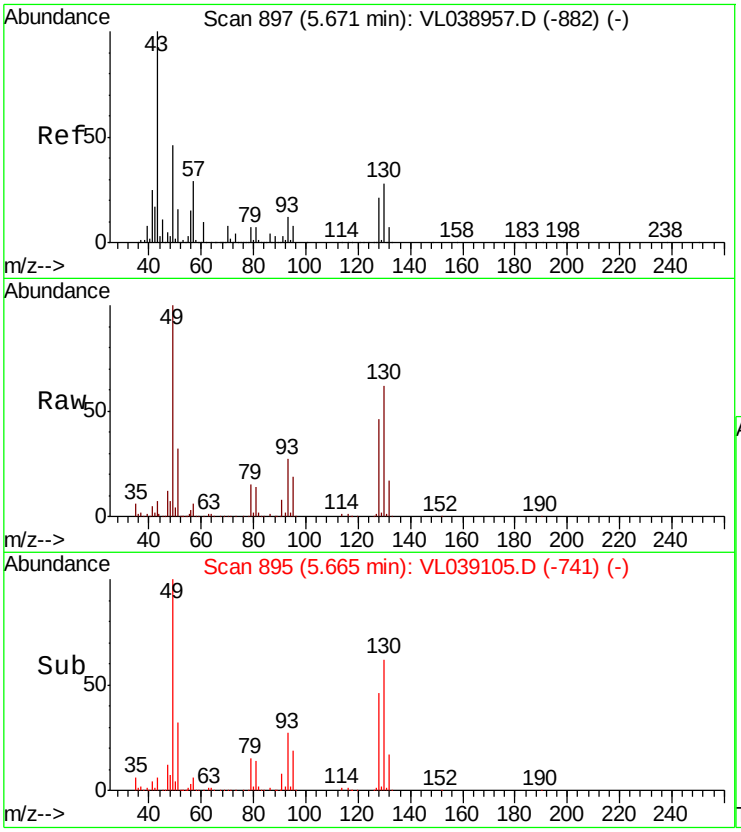


#23
Vinyl Acetate
Concen: 0.192 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 43 Resp: 17844

Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.6	9.8
42	51.6	8.1	12.1#
44	3.9	3.5	5.3



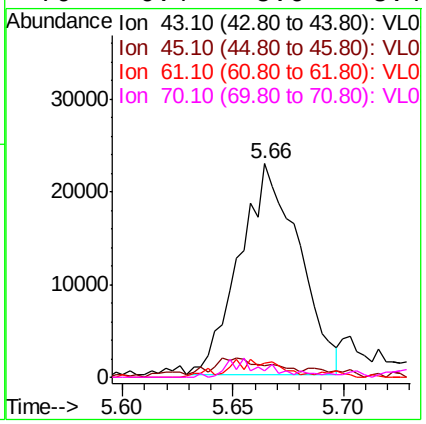


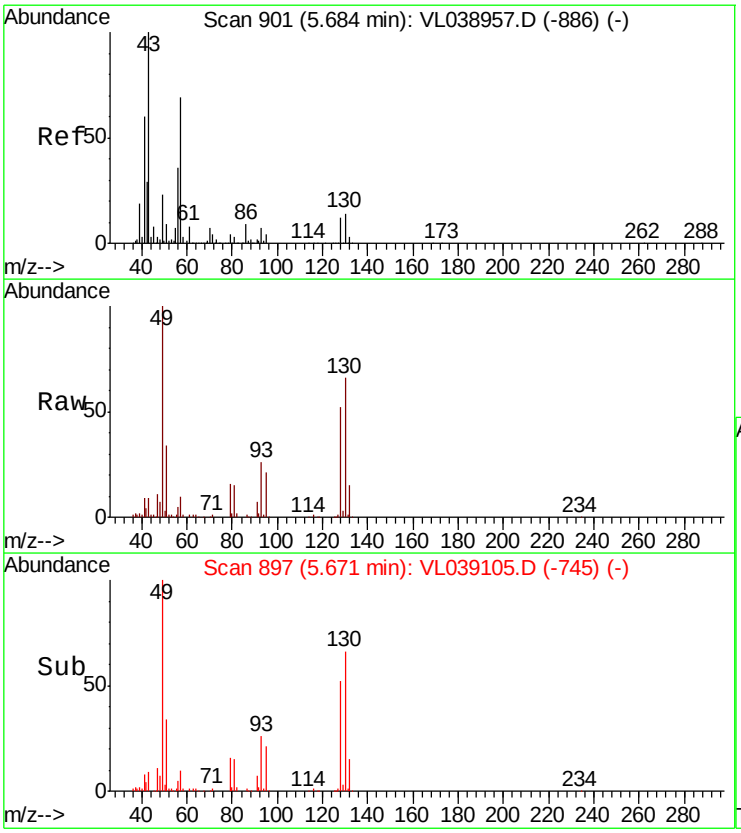
#25
Ethyl Acetate
Concen: 0.151 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 43 Resp: 42575

Ion	Ratio	Lower	Upper
43	100		
45	15.4	8.1	12.1#
61	8.8	7.8	11.6
70	6.4	5.6	8.4

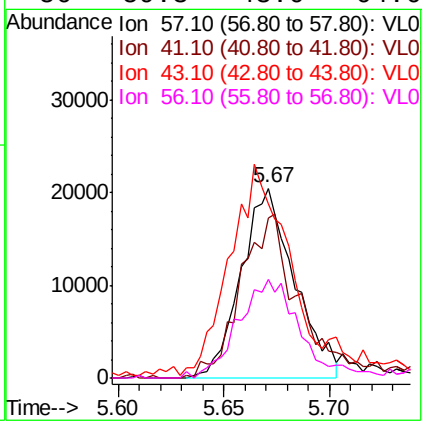


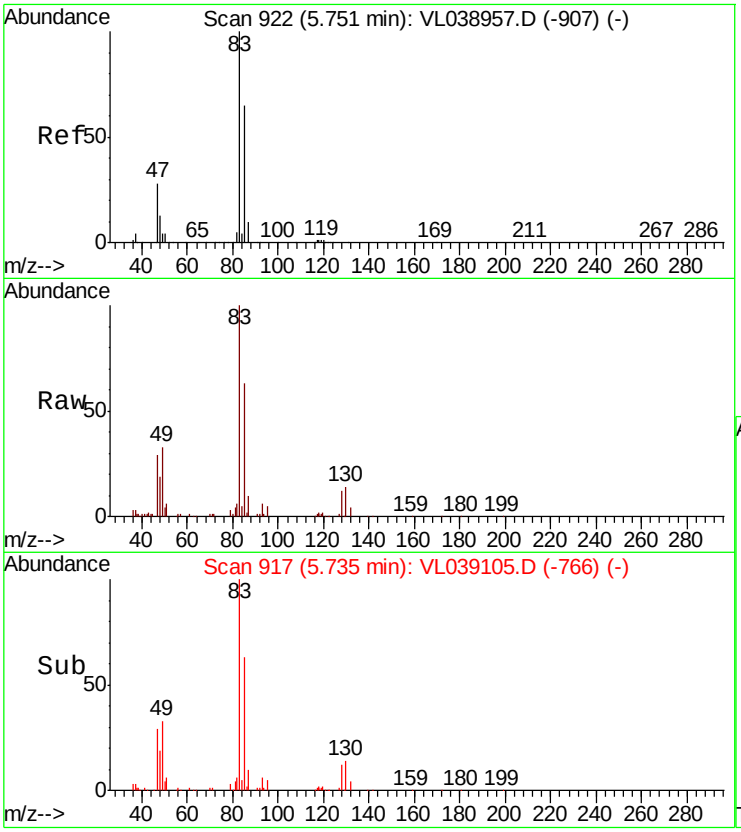


#26
Hexane
Concen: 0.288 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 57 Resp: 36003

Ion	Ratio	Lower	Upper
57	100		
41	100.7	75.2	112.8
43	147.9	190.8	286.2#
56	59.3	43.0	64.6



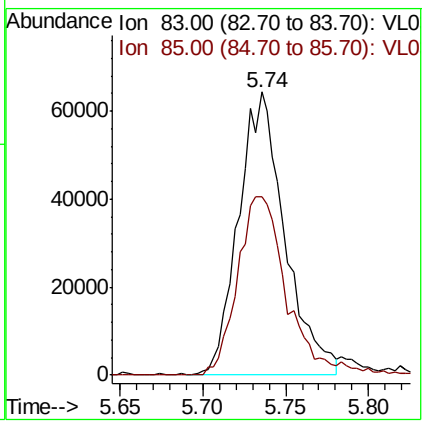


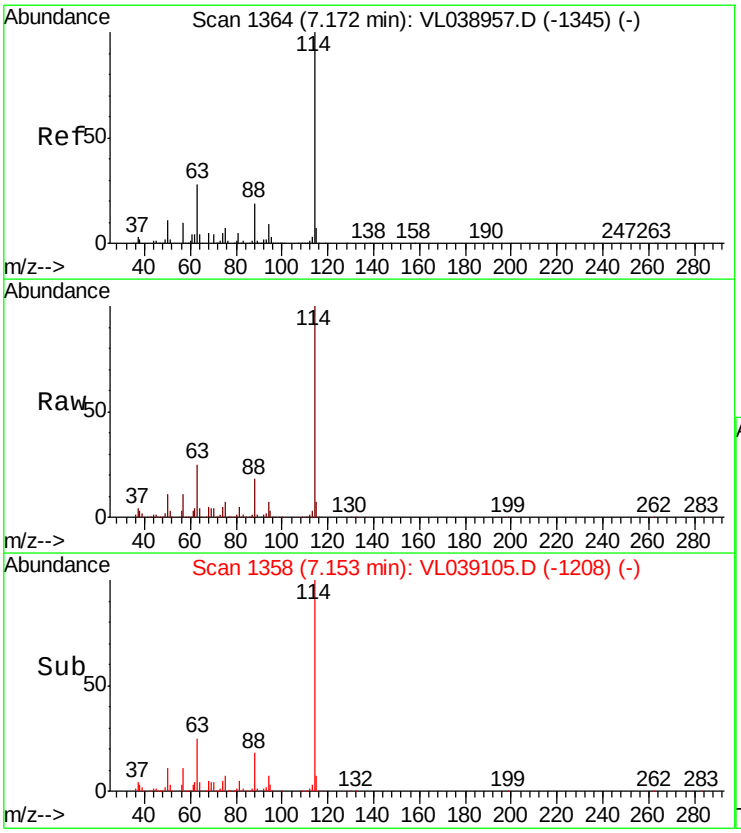
#29
Chloroform
Concen: 0.617 ppbv
RT: 5.74
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 83 Resp: 124967

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6

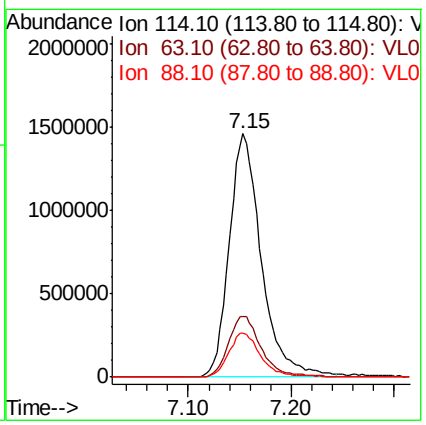


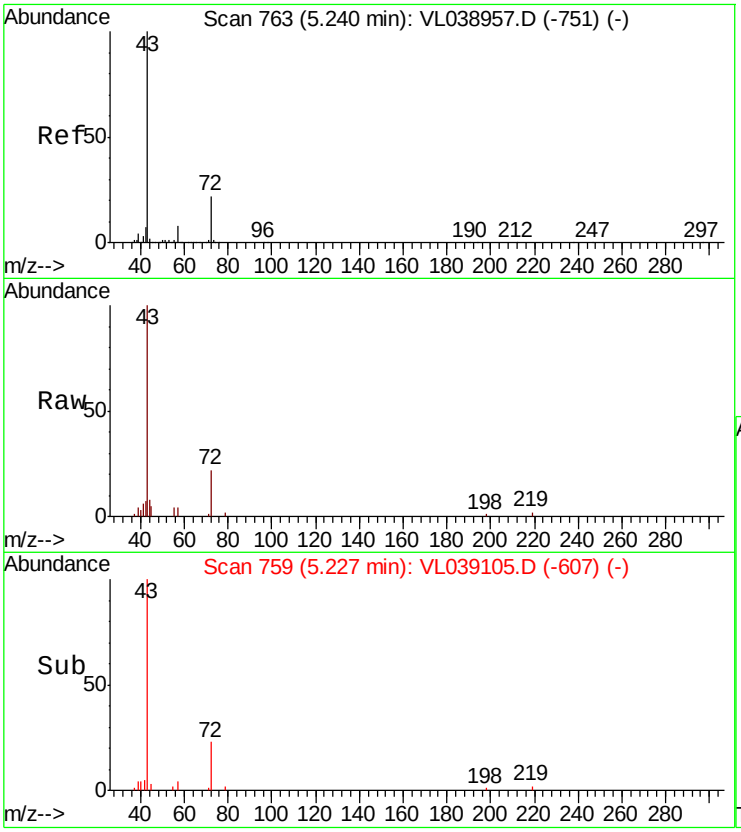


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion:114 Resp: 3170815

Ion	Ratio	Lower	Upper
114	100		
63	25.9	22.6	33.8
88	18.4	15.4	23.0



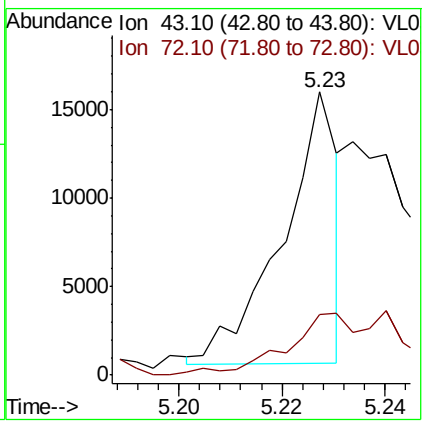


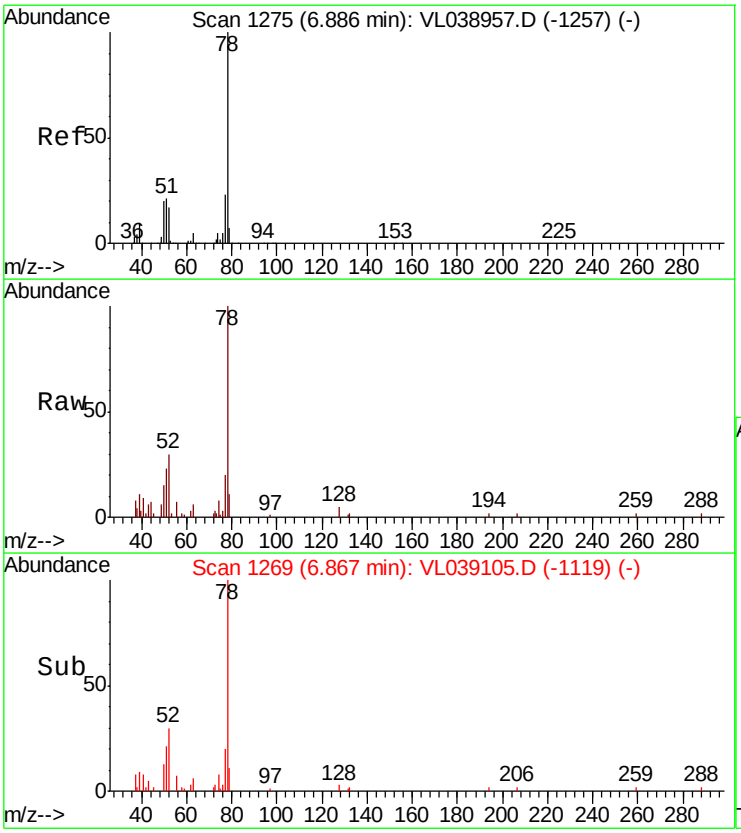
#34
2-Butanone
Concen: 0.070 ppbv
RT: 5.23
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 43 Resp: 11387

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.6#

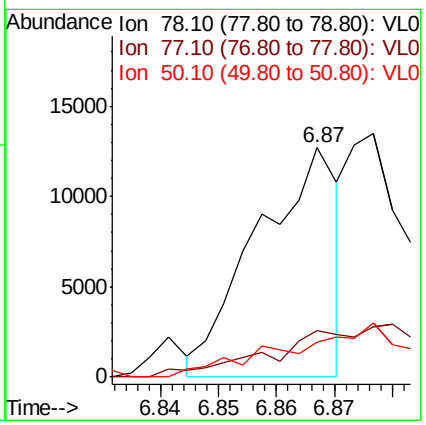


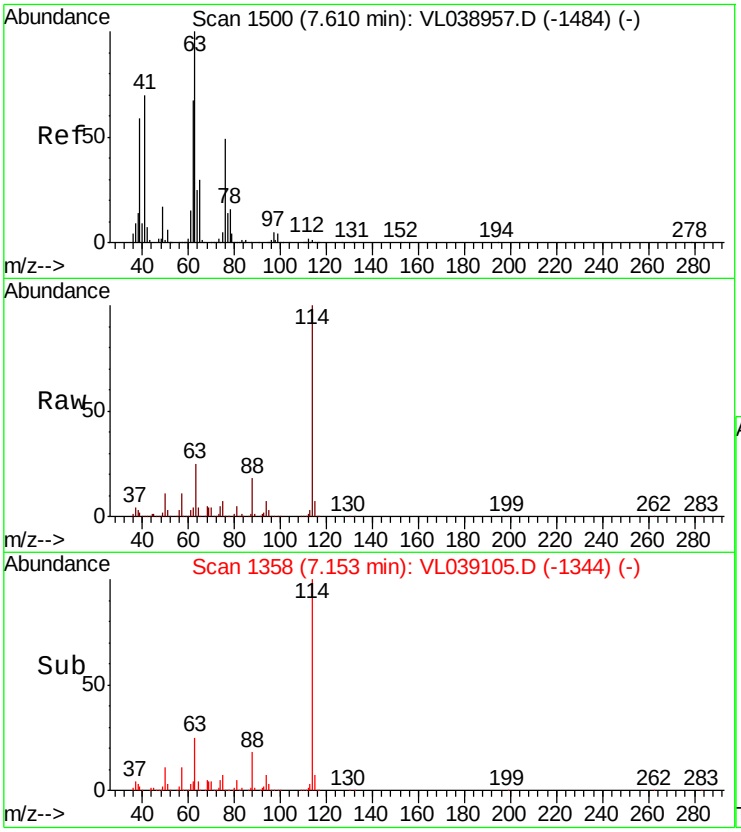


#36
Benzene
Concen: 0.045 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 78 Resp: 12338

Ion	Ratio	Lower	Upper
78	100		
77	18.7	18.6	28.0
50	12.9	15.6	23.4#



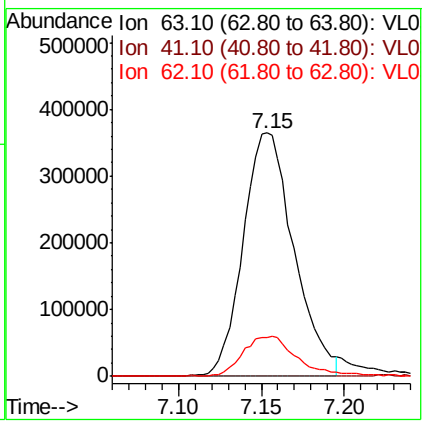


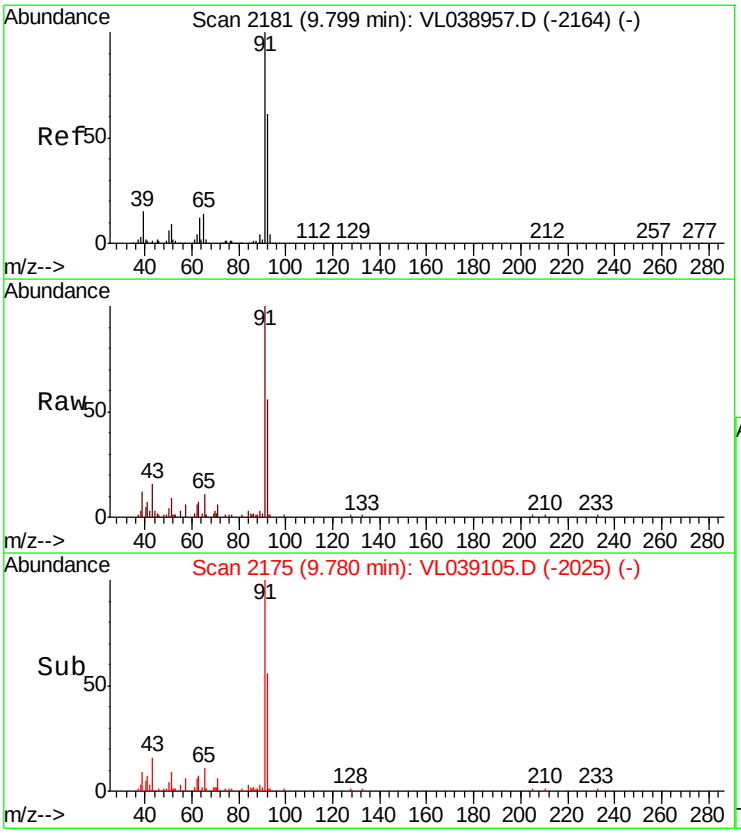
#39
1,2-Dichloropropane
Concen: 7.355 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion: 63 Resp: 776586

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	15.9	53.8	80.6#

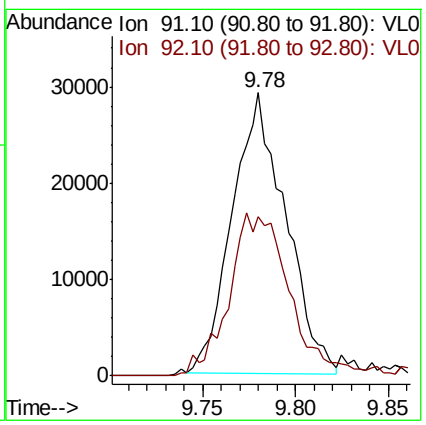


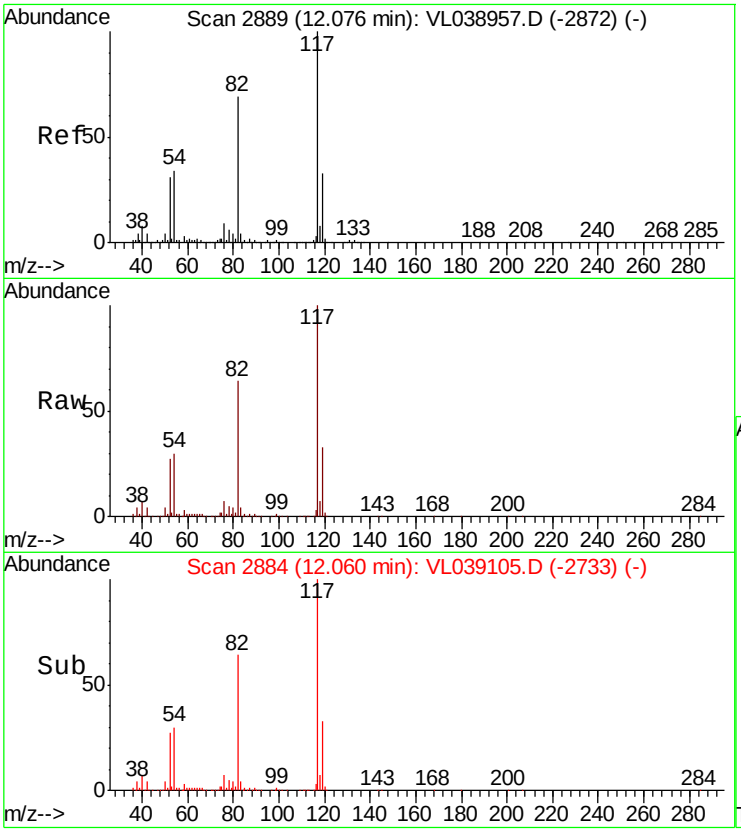


#53
Toluene
Concen: 0.192 ppbv
RT: 9.78 min Scan# 2175
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 91 Resp: 58456

Ion	Ratio	Lower	Upper
91	100		
92	66.4	48.2	72.2



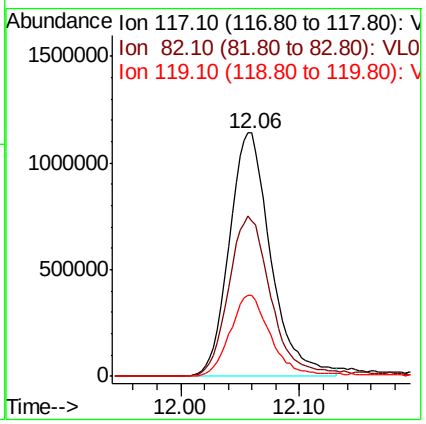


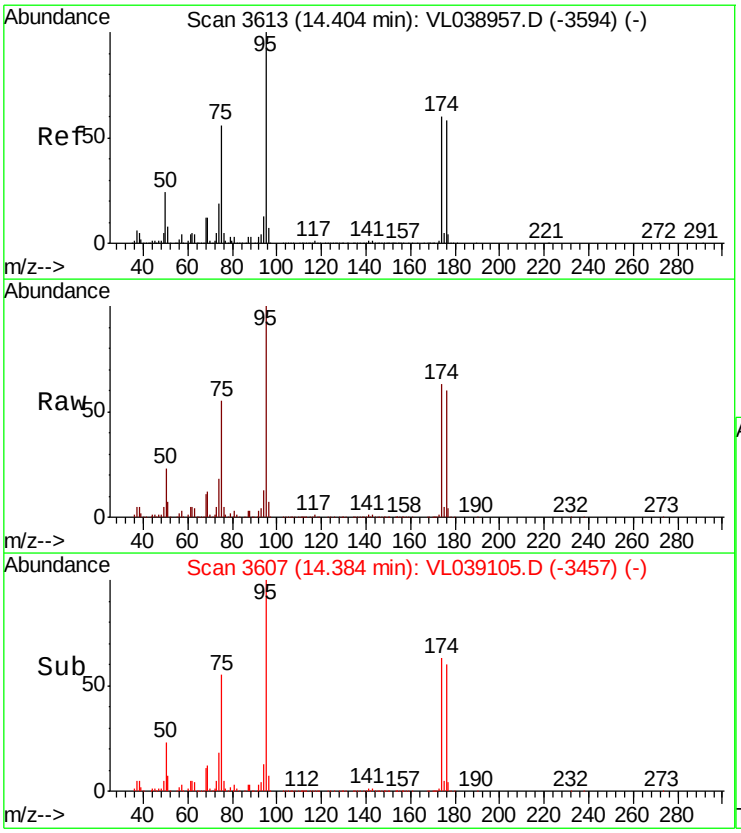
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06
Delta R.T
Lab File:
Acq: 24 May 2022 5:03

Instrument :
MSVOA_L
ClientSampleId :
AP-3DL

Tgt Ion:117 Resp: 2760571

Ion	Ratio	Lower	Upper
117	100		
82	70.5	57.0	85.6
119	34.6	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.698 ppbv
RT: 14.38 min Scan# 3607
Delta R.T. -0.02 min
Lab File: VL039105.D
Acq: 24 May 2022 5:03

Tgt Ion: 95 Resp: 2120197

Ion	Ratio	Lower	Upper
95	100		
174	67.6	50.8	76.2
175	4.6	3.8	5.6