Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038168.D
Acq On : 14 Dec 2021 16:07
Operator : SY/AP
Sample : M5045-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 04:56:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1078519	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2794824	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2406459	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1802474	10.38	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	7814	0.044	ppbv #	83
3) Chlorodifluoromethane	2.94	51	25439	0.112	ppbv #	68
4) Chloromethane	3.13	50	2336	0.030	ppbv #	76
9) Propene	3.00	41	10329	0.124	ppbv	89
13) Ethanol	3.59	45	102000	12.654	ppbv	99
15) Acetone	3.83	43	86978	0.930	ppbv	98
19) Isopropyl Alcohol	3.96	45	44820	0.663	ppbv #	82
20) Methylene Chloride	4.32	84	524931	10.022	ppbv	96
25) Ethyl Acetate	5.65	43	351833	1.132	ppbv #	78
26) Hexane	5.65	57	457889	3.057	ppbv #	46
34) 2-Butanone	5.34	43	13432	0.119	ppbv #	54
39) 1,2-Dichloropropane	7.13	63	742521	6.943	ppbv #	26
41) Tetrahydrofuran	6.28	42	12640	0.181	ppbv #	36

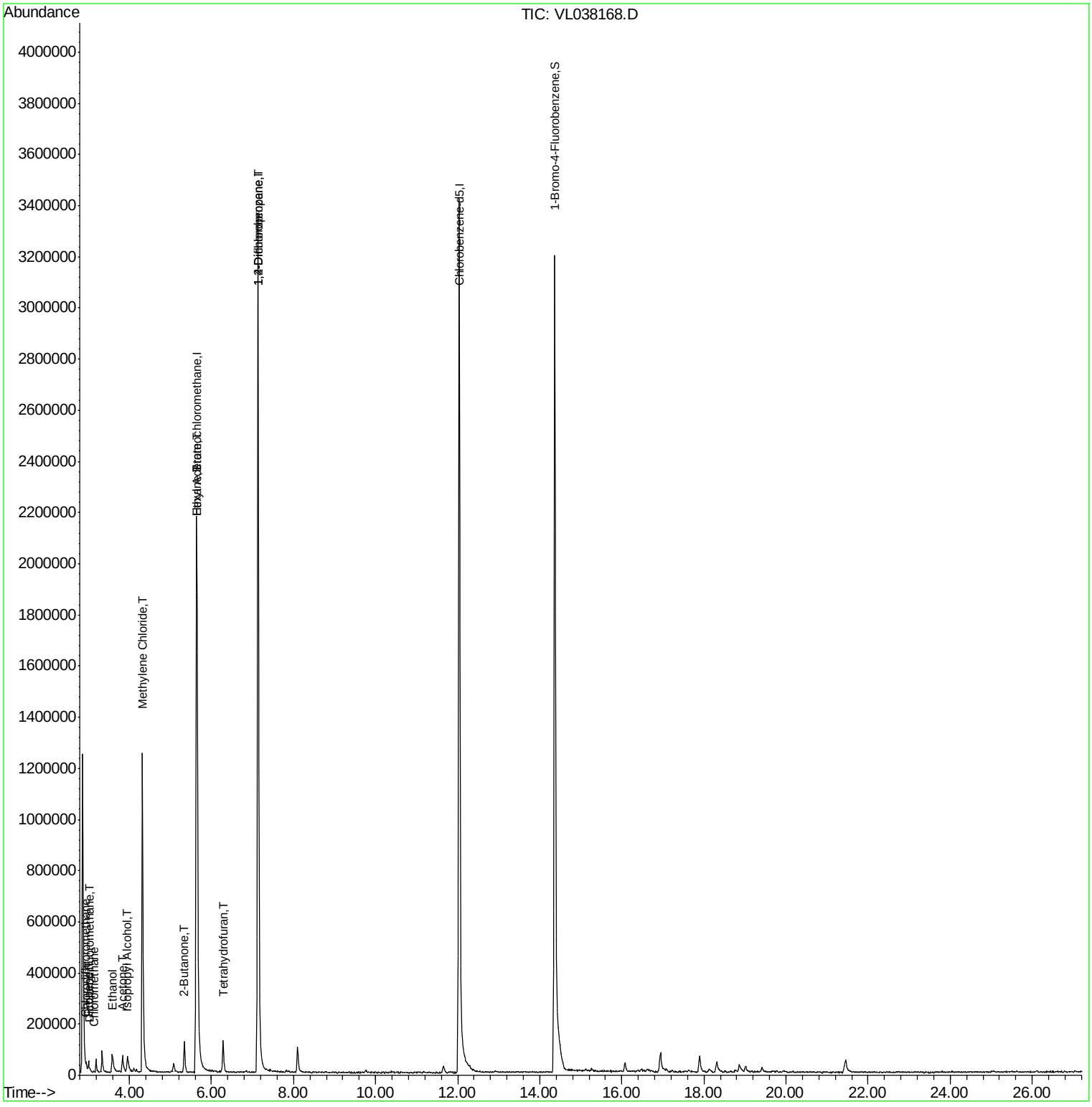
(#) = qualifier out of range (m) = manual integration (+) = signals summed

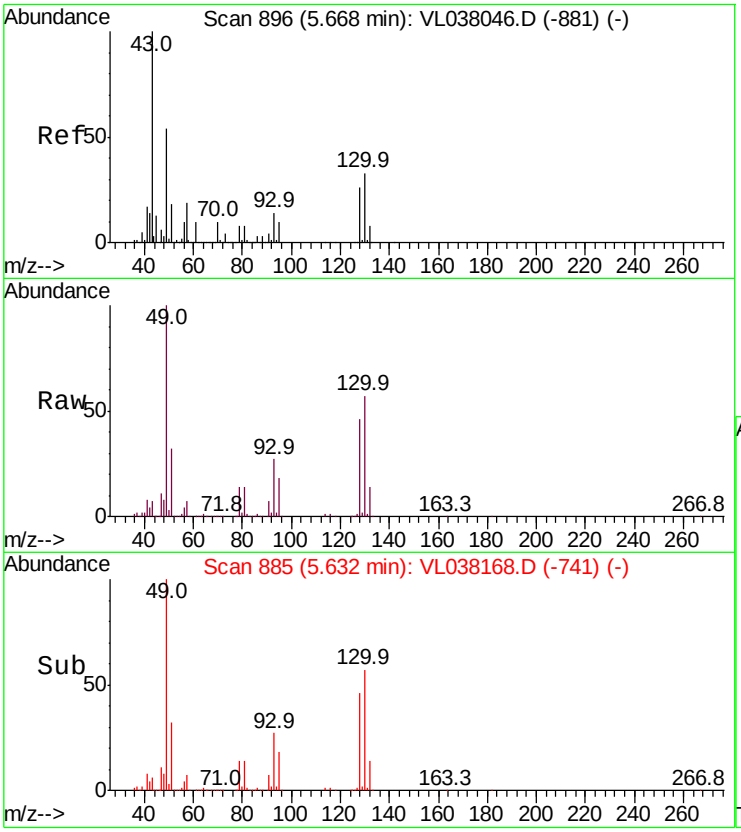
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038168.D
Acq On : 14 Dec 2021 16:07
Operator : SY/AP
Sample : M5045-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 04:56:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Nov 18 13:16:09 2021
QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration



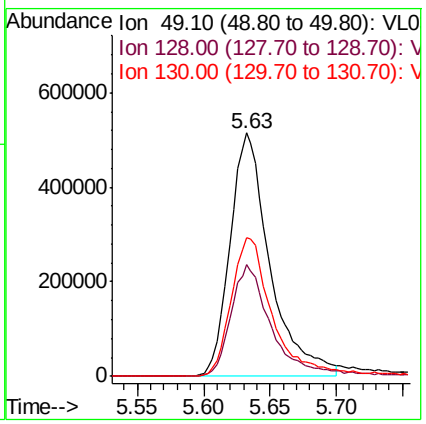


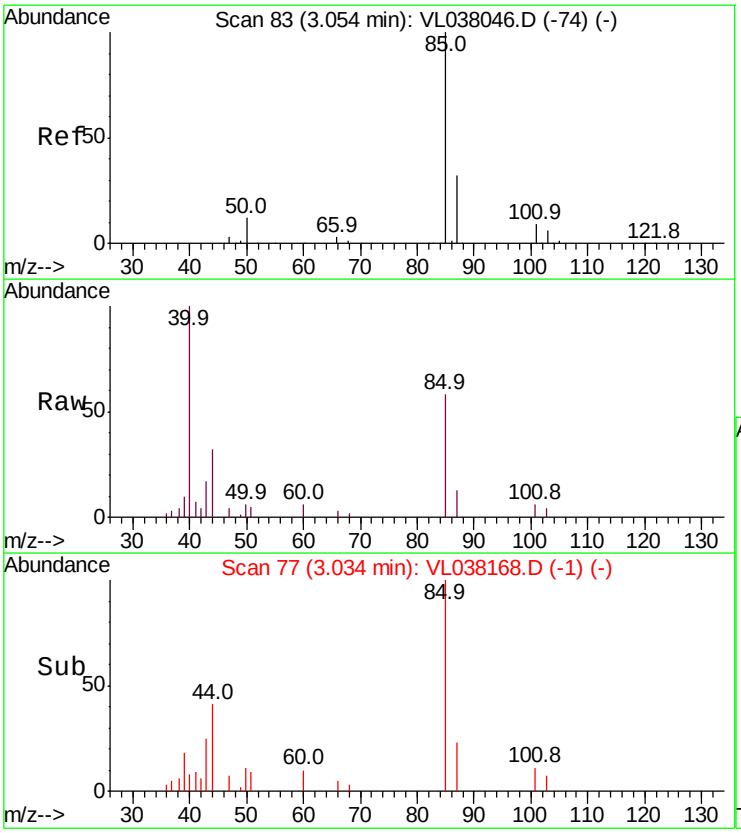
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1078519

Ion	Ratio	Lower	Upper
49	100		
128	48.4	26.5	79.5
130	61.0	32.5	97.4

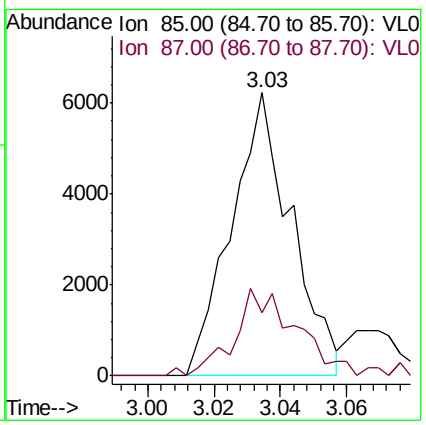


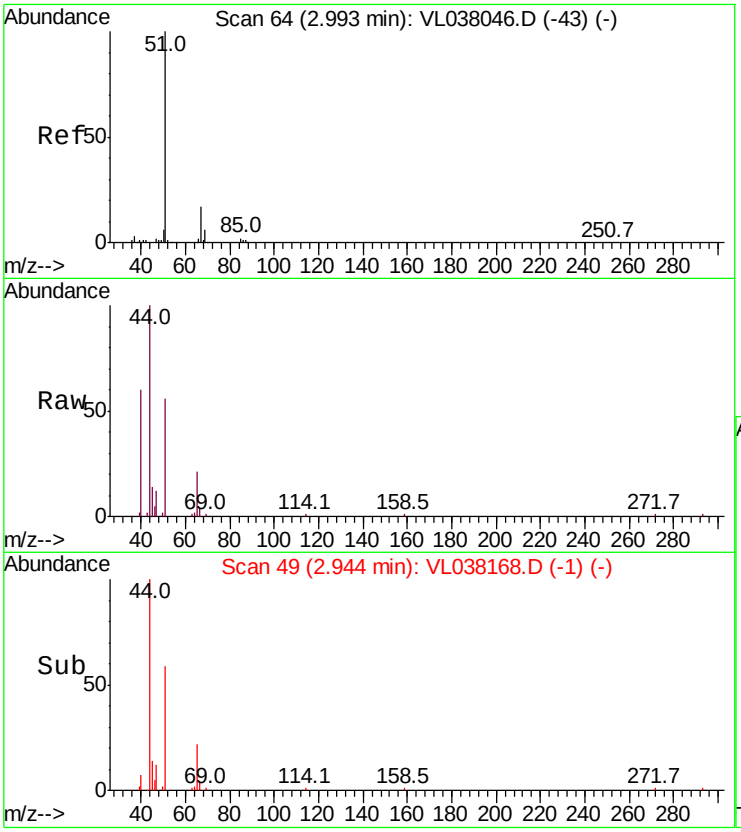


#2
Dichlorodifluoromethane
Concen: 0.044 ppbv
RT: 3.03 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 85 Resp: 7814

Ion	Ratio	Lower	Upper
85	100		
87	22.5	25.8	38.6#



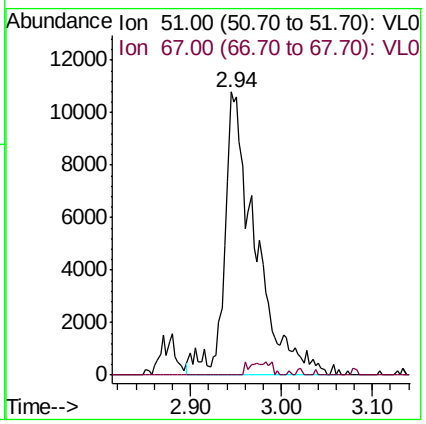


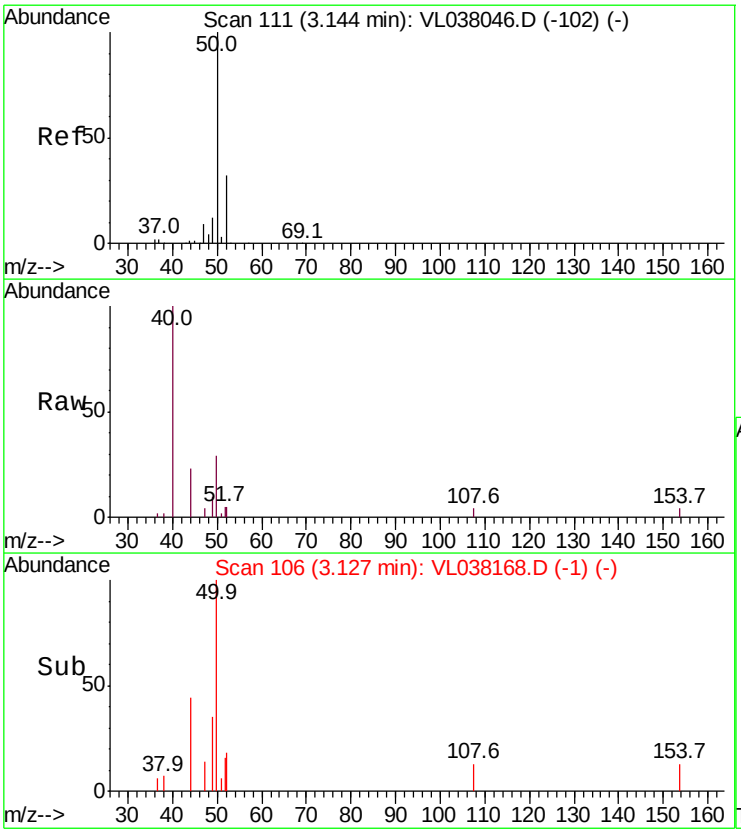
#3
Chlorodifluoromethane
Concen: 0.112 ppbv
RT: 2.94
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 25439

Ion	Ratio	Lower	Upper
51	100		
67	3.3	13.8	20.8#

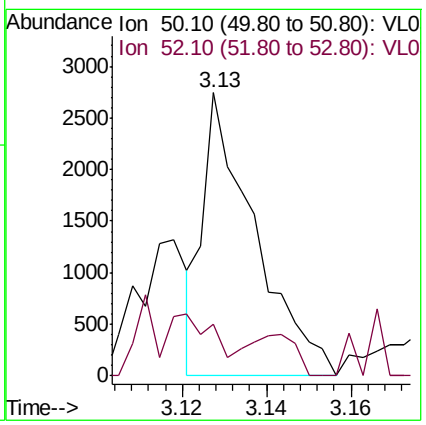


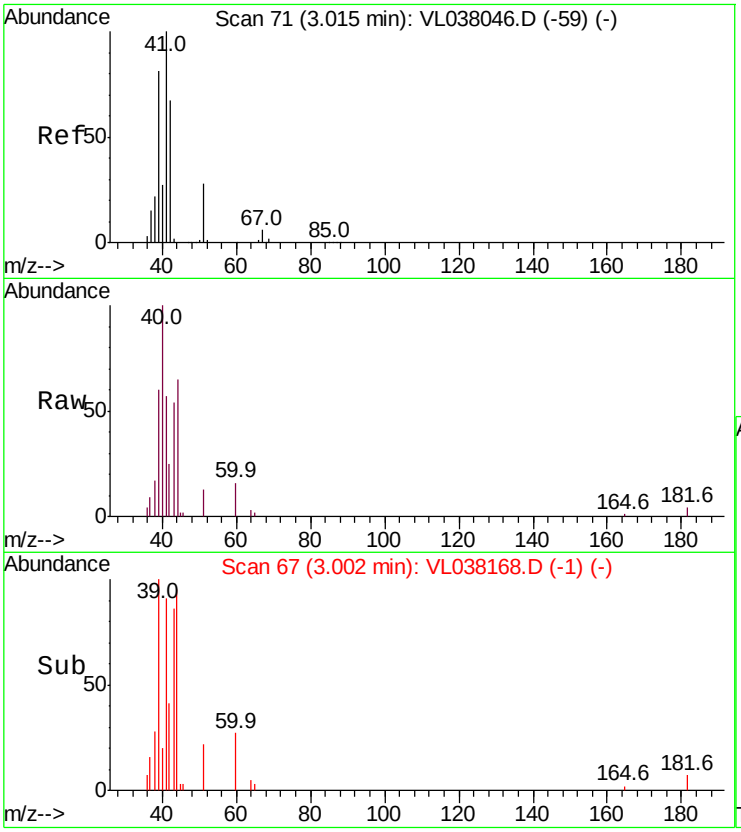


#4
Chloromethane
Concen: 0.030 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.02 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 50 Resp: 2336

Ion	Ratio	Lower	Upper
50	100		
52	18.1	25.4	38.0#



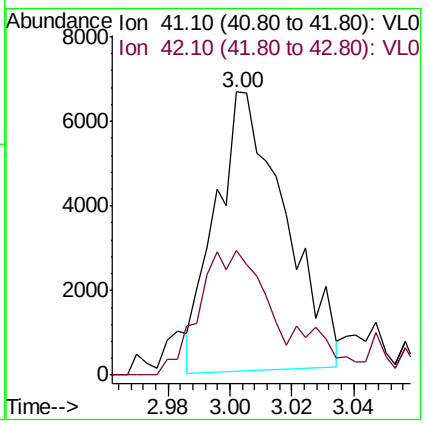


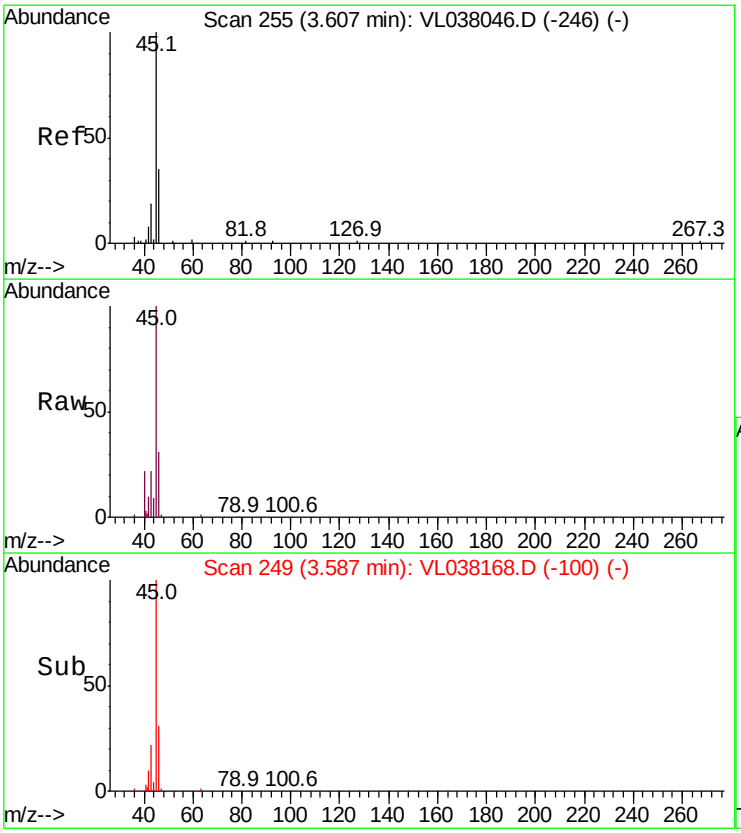
#9
Propene
Concen: 0.124 ppbv
RT: 3.00
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 10329

Ion	Ratio	Lower	Upper
41	100		
42	58.5	53.8	80.8

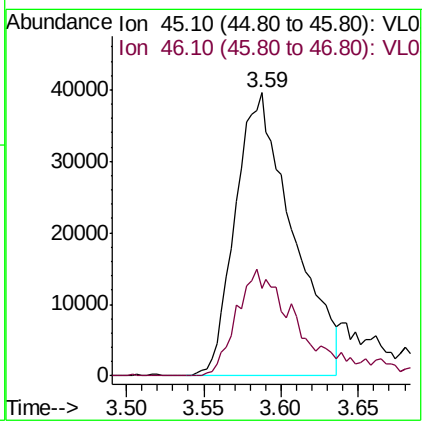


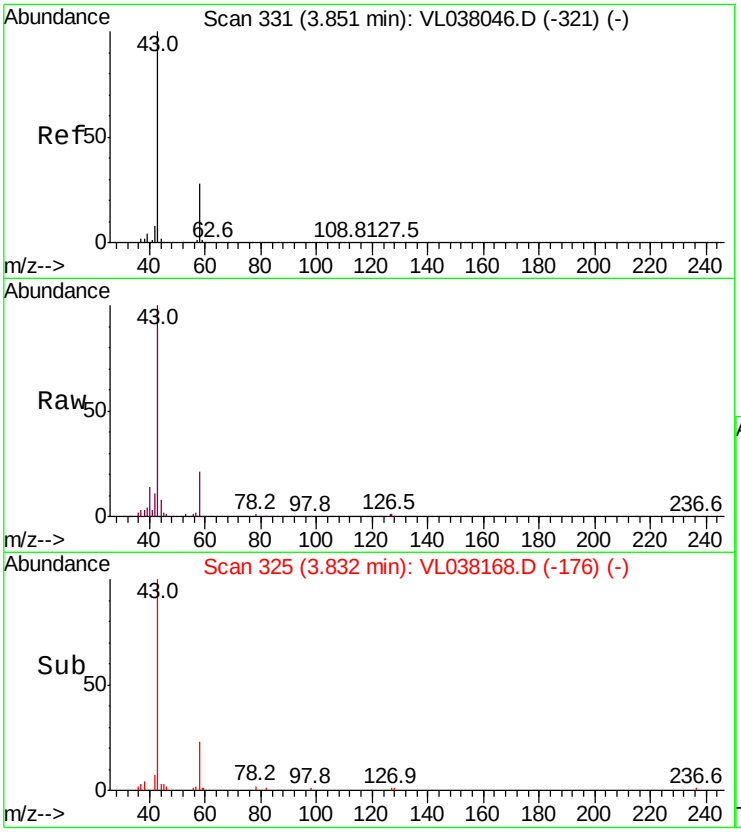


#13
Ethanol
Concen: 12.654 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 45 Resp: 102000

Ion	Ratio	Lower	Upper
45	100		
46	43.2	17.6	70.2



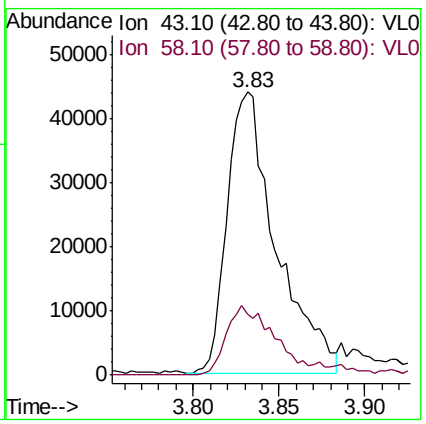


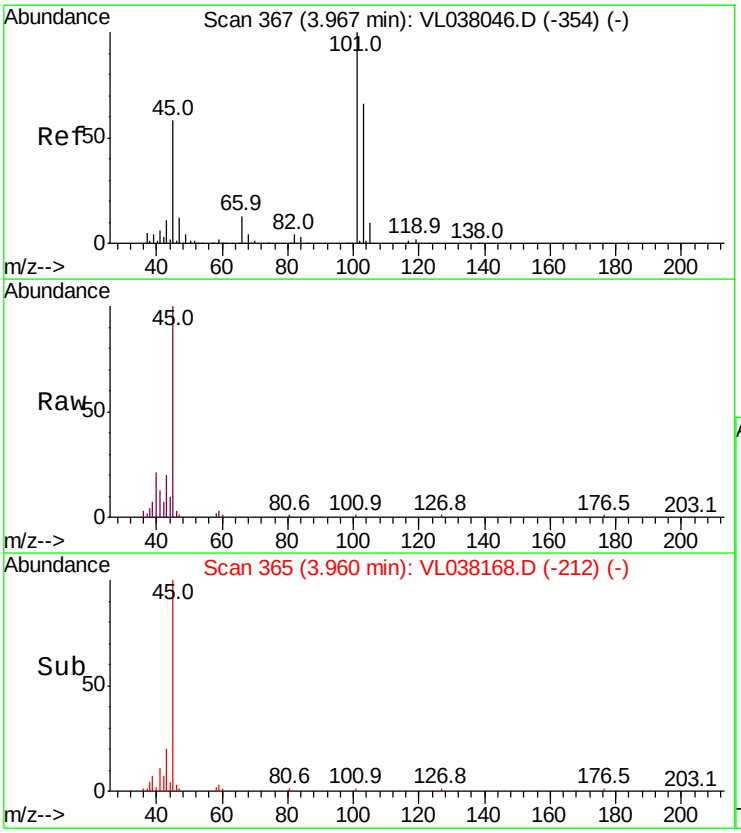
#15
Acetone
Concen: 0.930 ppbv
RT: 3.83
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 86978

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.4	33.6

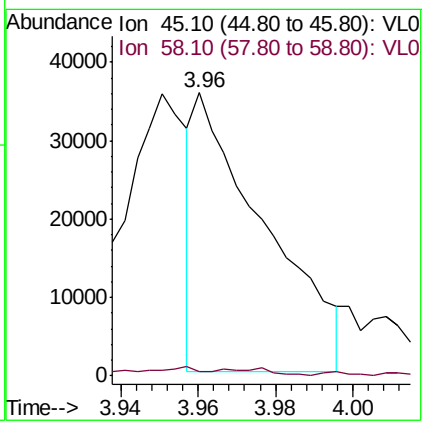


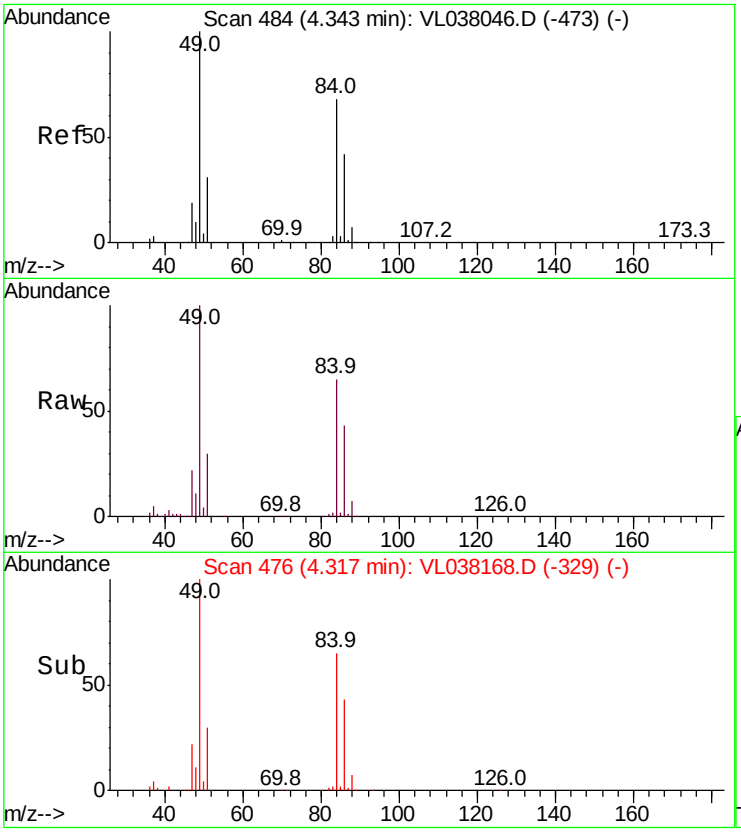


#19
Isopropyl Alcohol
Concen: 0.663 ppbv
RT: 3.96 min Scan# 365
Delta R.T. -0.01 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 45 Resp: 44820

Ion	Ratio	Lower	Upper
45	100		
58	8.5	1.4	2.0#



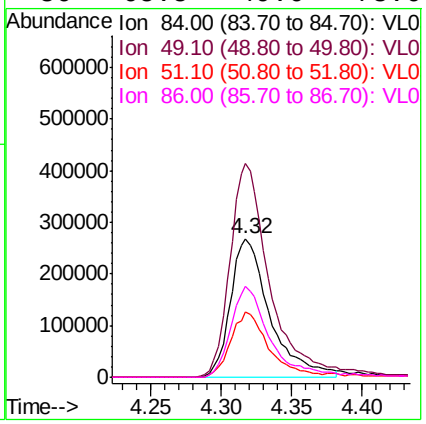


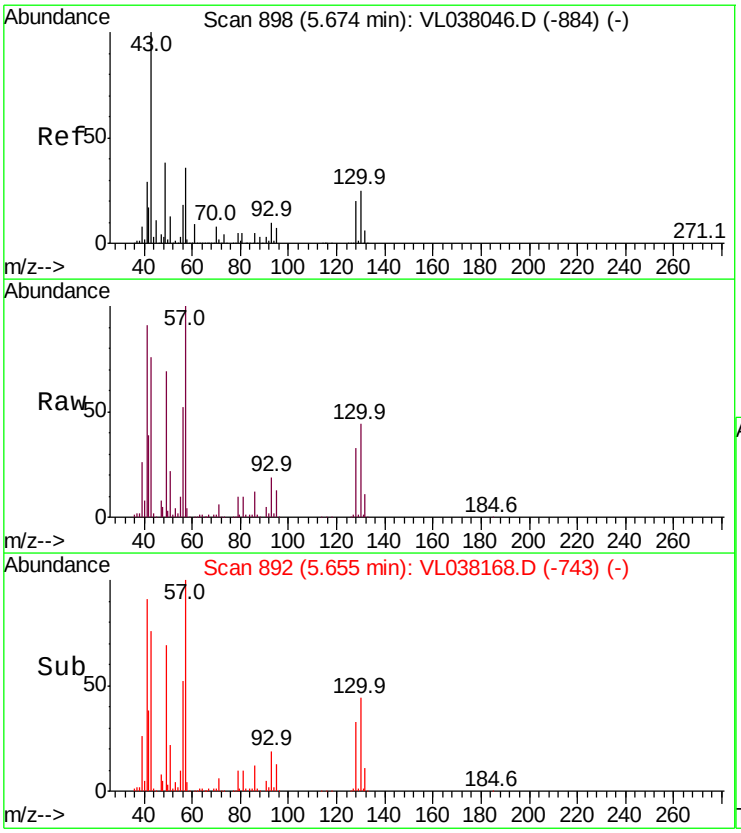
#20
Methylene Chloride
Concen: 10.022 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 524931

Ion	Ratio	Lower	Upper
84	100		
49	154.0	118.2	177.2
51	46.7	36.8	55.2
86	65.5	49.0	73.6

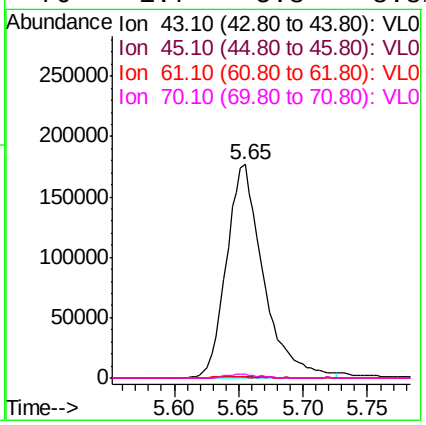


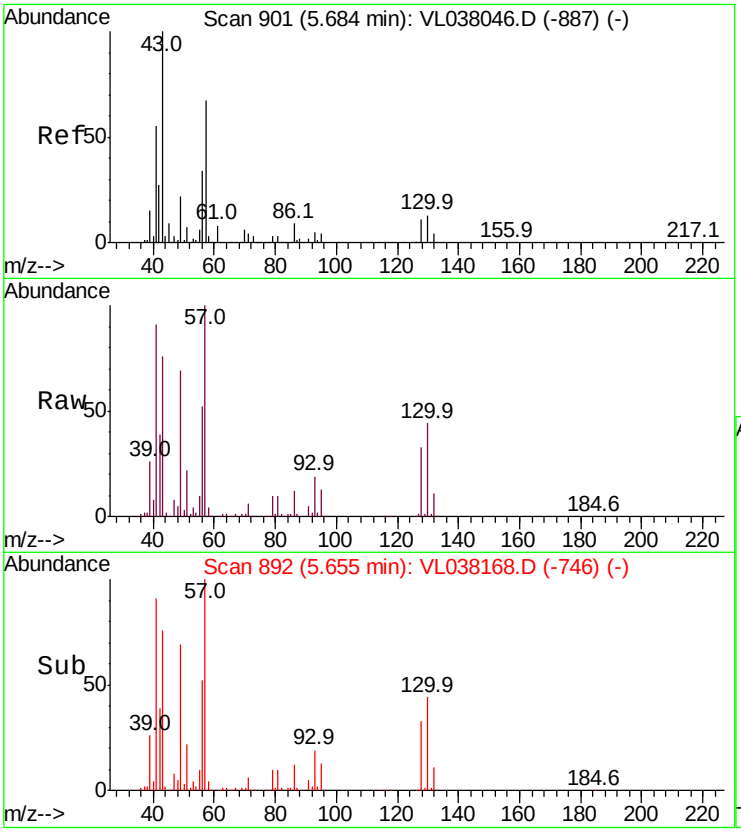


#25
Ethyl Acetate
Concen: 1.132 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 43 Resp: 351833

Ion	Ratio	Lower	Upper
43	100		
45	0.9	7.9	11.9#
61	0.8	7.8	11.6#
70	1.7	5.8	8.8#



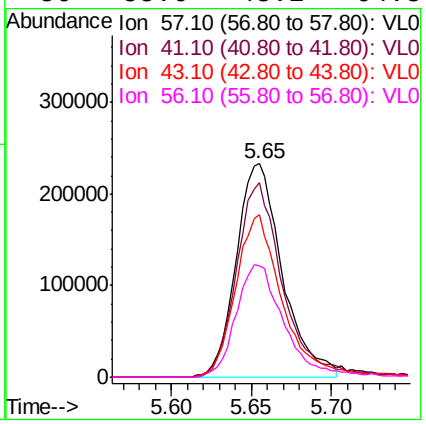


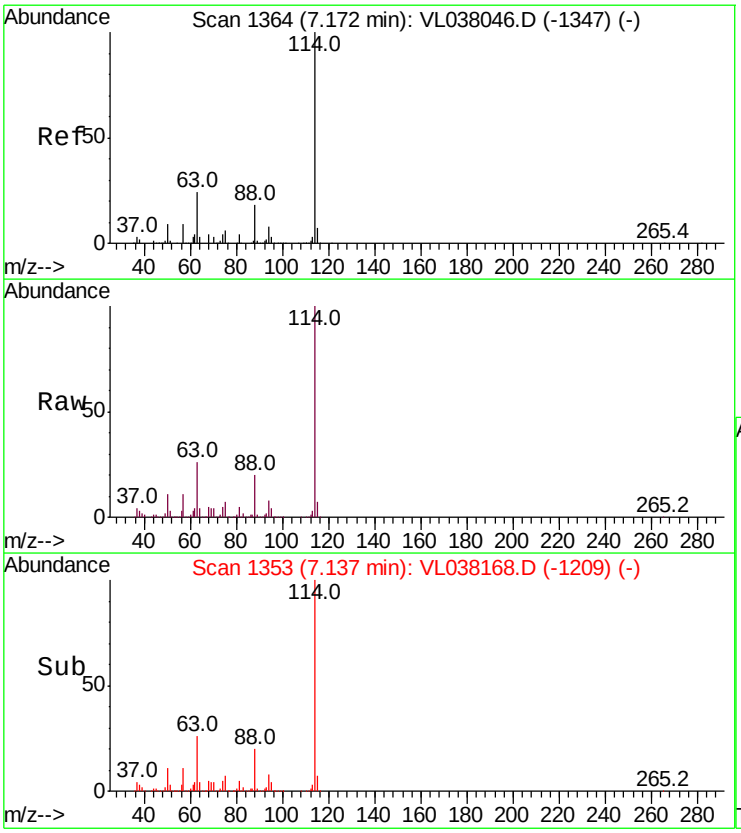
#26
Hexane
Concen: 3.057 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 457889

Ion	Ratio	Lower	Upper
57	100		
41	93.7	71.4	107.2
43	78.5	174.6	261.8#
56	55.6	43.2	64.8

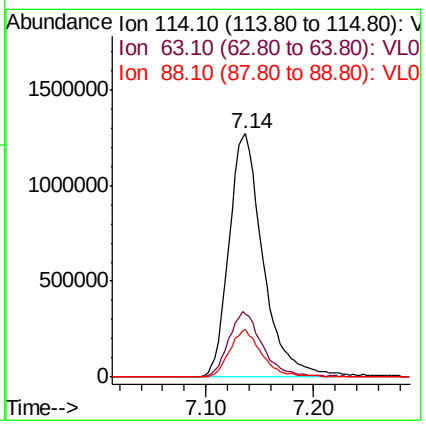


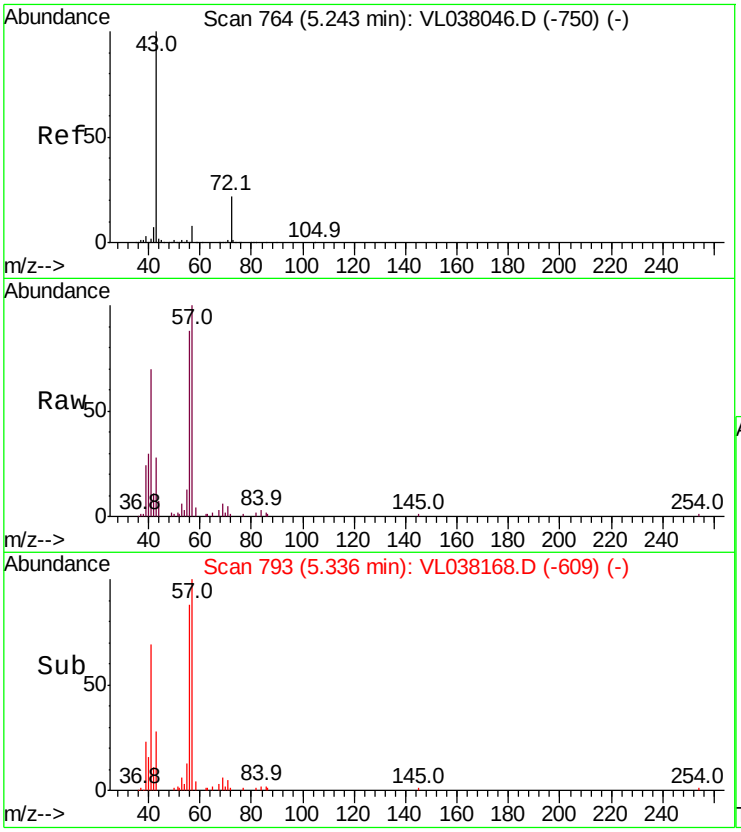


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion:114 Resp: 2794824

Ion	Ratio	Lower	Upper
114	100		
63	27.2	19.7	29.5
88	19.1	14.4	21.6



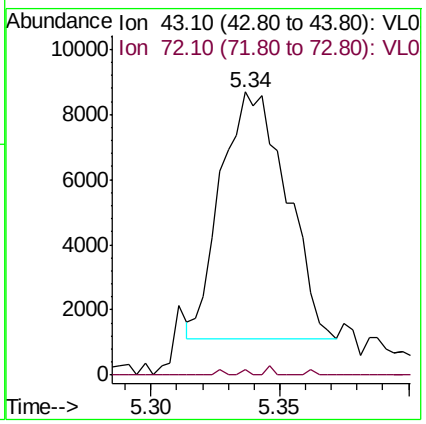


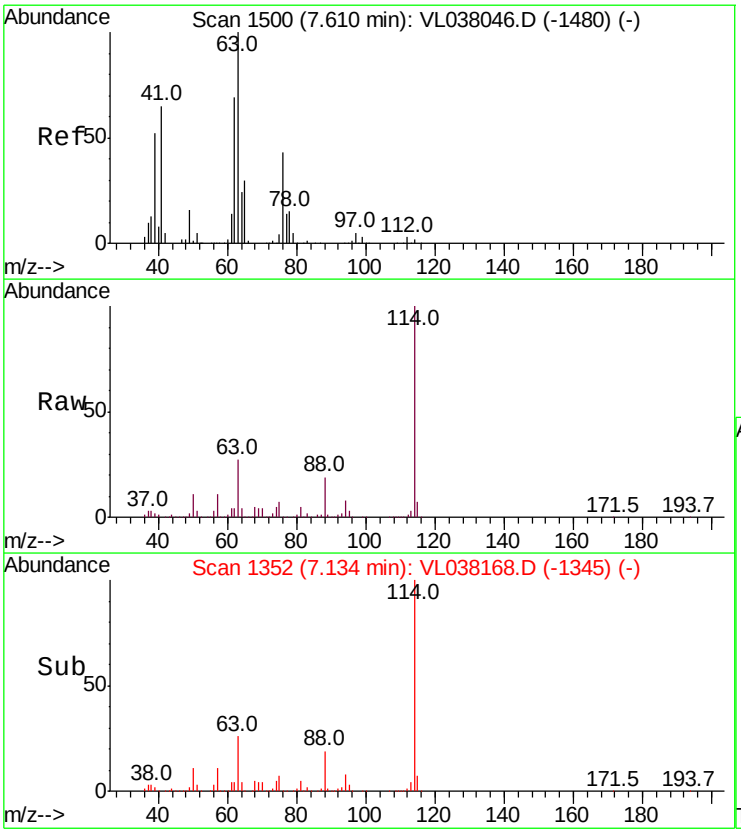
#34
2-Butanone
Concen: 0.119 ppbv
RT: 5.34
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 13432

Ion	Ratio	Lower	Upper
43	100		
72	1.1	18.8	28.2#

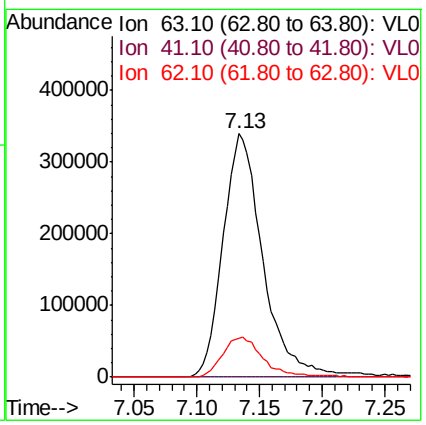


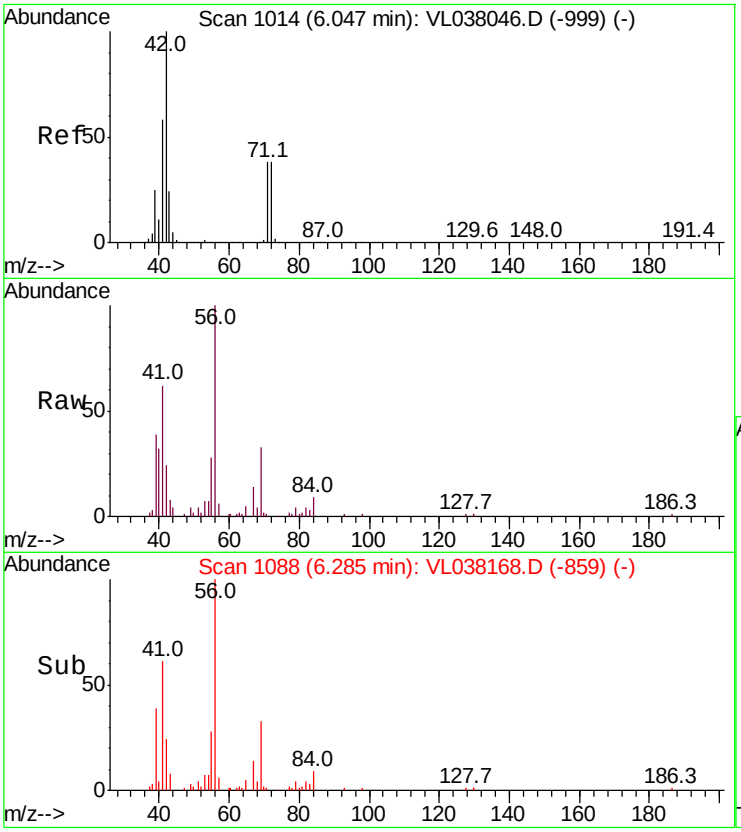


#39
1,2-Dichloropropane
Concen: 6.943 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.48 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion: 63 Resp: 742521

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	15.7	55.1	82.7#



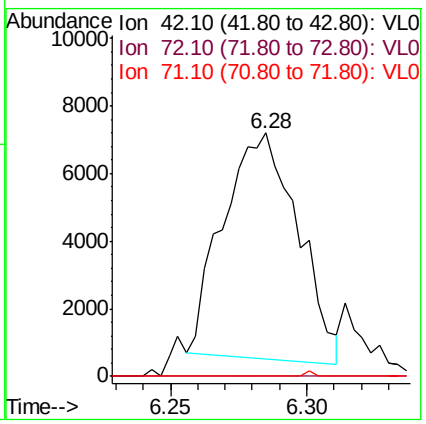


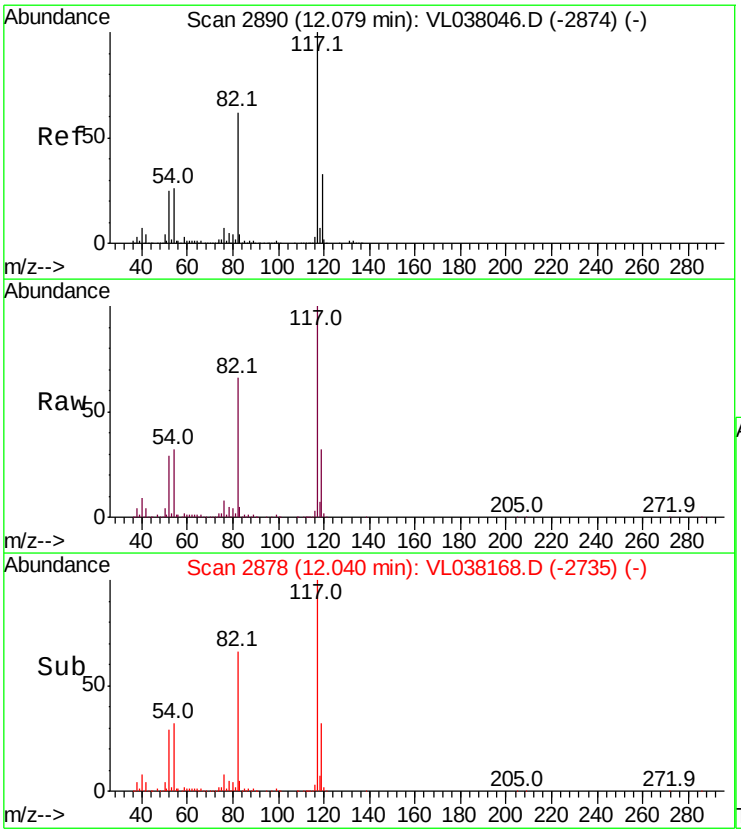
#41
Tetrahydrofuran
Concen: 0.181 ppbv
RT: 6.28
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 12640

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	30.6	46.0#

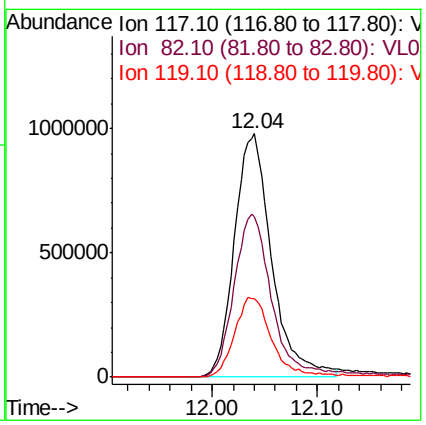


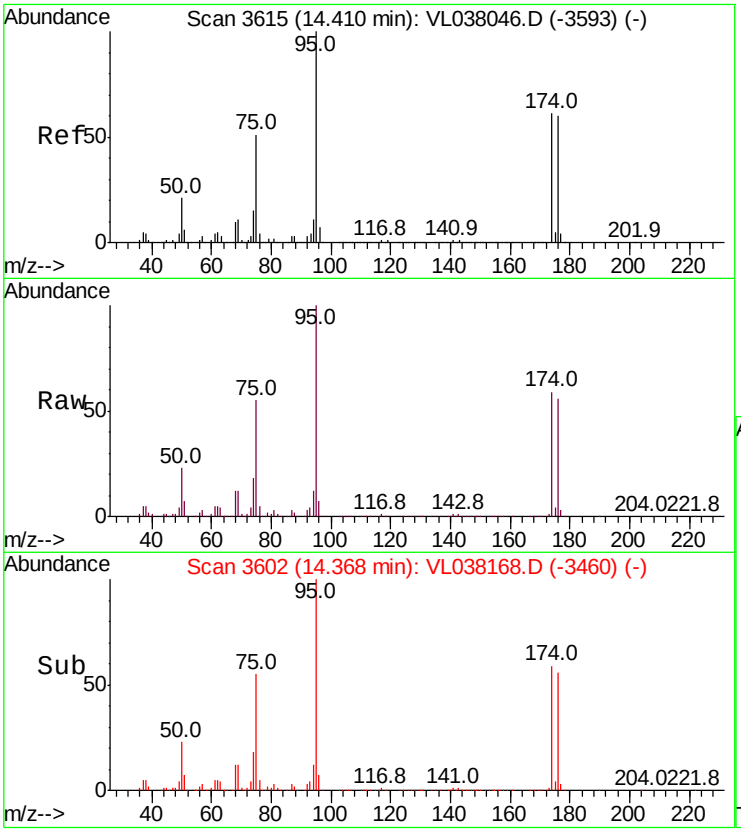


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2878
Delta R.T. -0.04 min
Lab File: VL038168.D
Acq: 14 Dec 2021 16:07

Tgt Ion:117 Resp: 2406459

Ion	Ratio	Lower	Upper
117	100		
82	71.9	52.8	79.2
119	33.7	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.384 ppbv
RT: 14.37
Delta R.T
Lab File:
Acq: 14 Dec 2021 16:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1802474

Ion	Ratio	Lower	Upper
95	100		
174	65.5	53.1	79.7
175	4.4	4.0	6.0