Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121421\
Data File : VL038170.D
Acq On : 14 Dec 2021 17:26
Operator : SY/AP
Sample : M5045-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 04:57:02 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	1056427	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.13	114	2751405	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2414236	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1885052	10.82	ppbv	-0.05
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	6527	0.037	ppbv	100
3) Chlorodifluoromethane	2.94	51	43270	0.195	ppbv #	65
4) Chloromethane	3.12	50	4295	0.057	ppbv #	83
9) Propene	3.01	41	11020	0.135	ppbv #	82
13) Ethanol	3.59	45	134405	17.022	ppbv	85
15) Acetone	3.84	43	18976	0.207	ppbv #	63
19) Isopropyl Alcohol	3.98	45	2098	0.032	ppbv #	1
20) Methylene Chloride	4.32	84	29886	0.583	ppbv	89
25) Ethyl Acetate	5.65	43	11918	0.039	ppbv #	77
26) Hexane	5.65	57	8411	0.057	ppbv #	1
39) 1,2-Dichloropropane	7.13	63	733144	6.964	ppbv #	27

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

Quantitation Report (Not Reviewed)

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Acq On : 14 Dec 2021 17:26
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Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 15 04:57:02 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111821AIR.M
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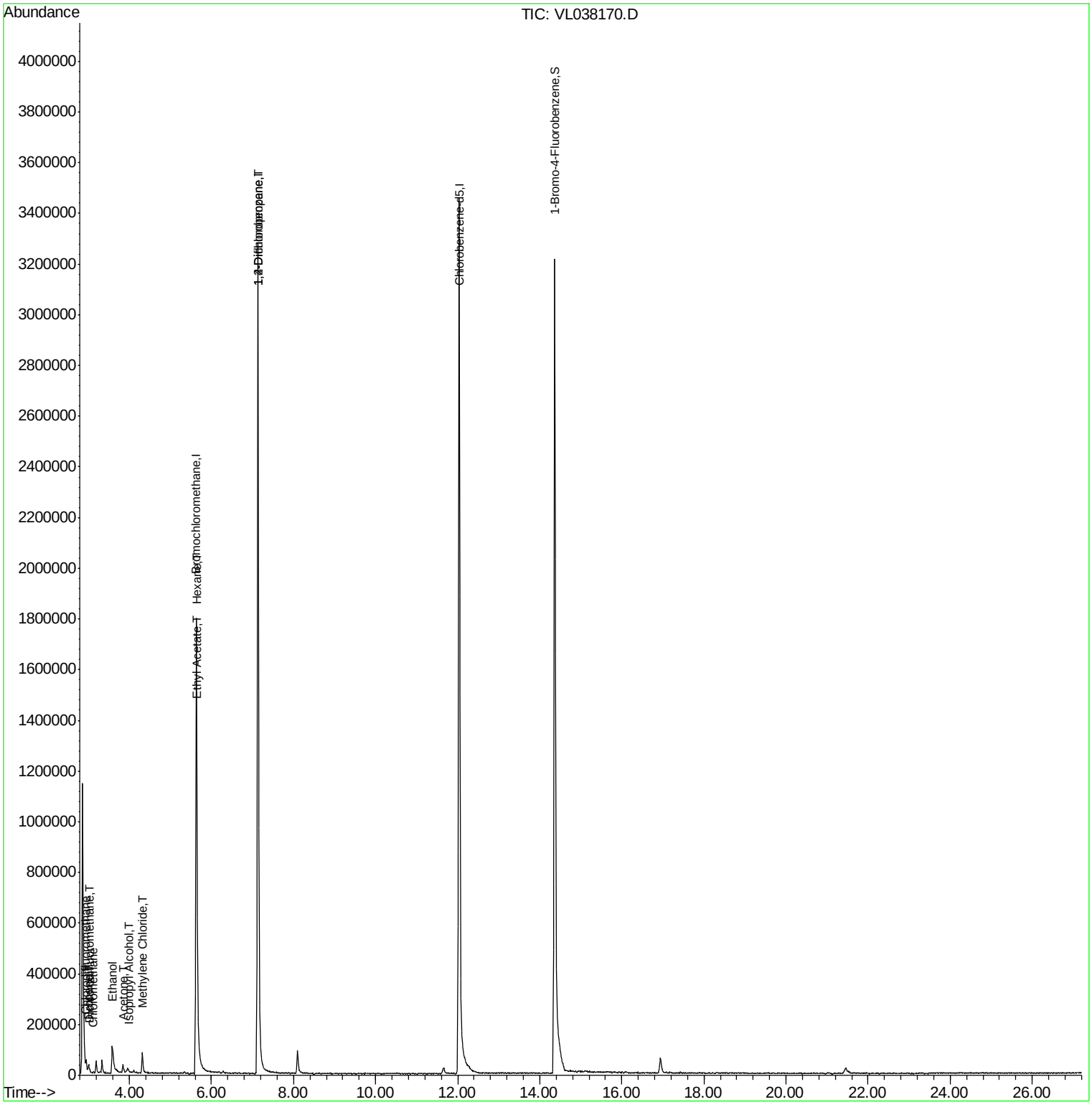
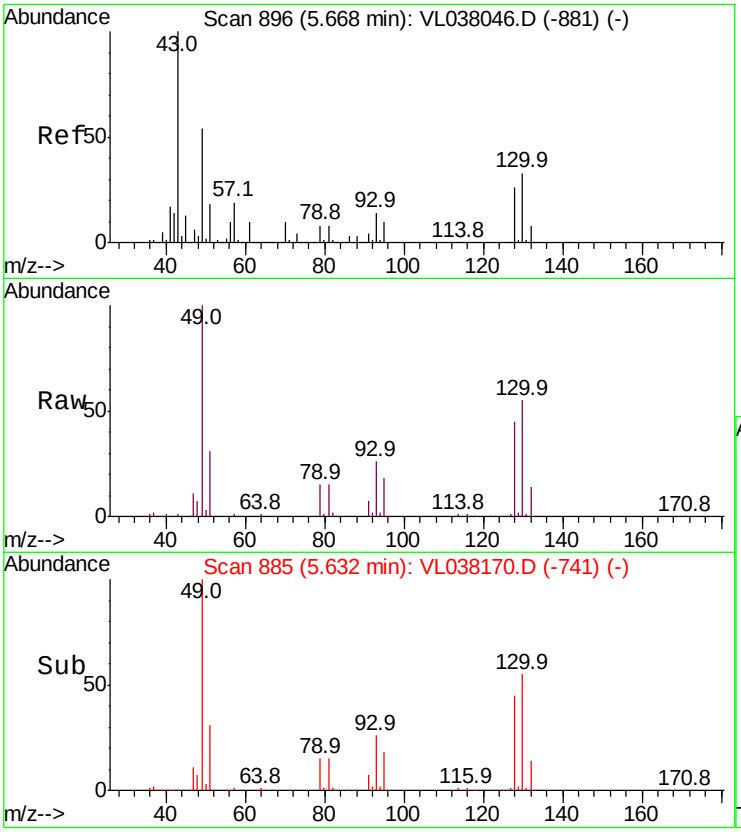


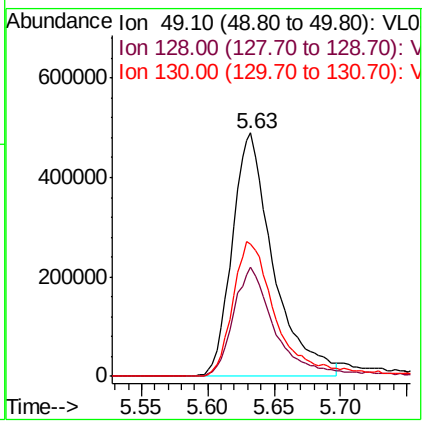


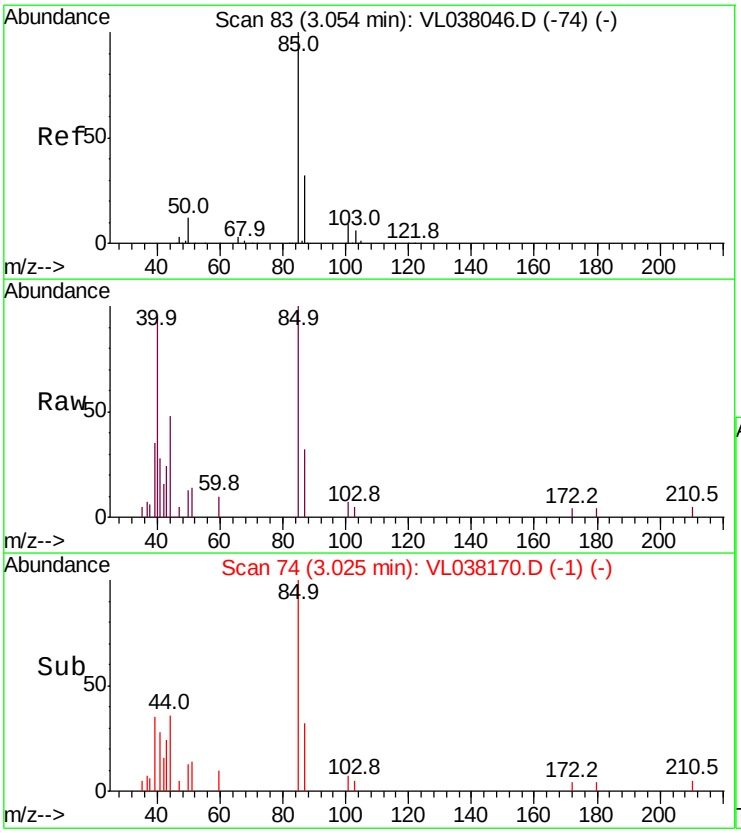
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.63
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1056427

Ion	Ratio	Lower	Upper
49	100		
128	47.8	26.5	79.5
130	60.9	32.5	97.4

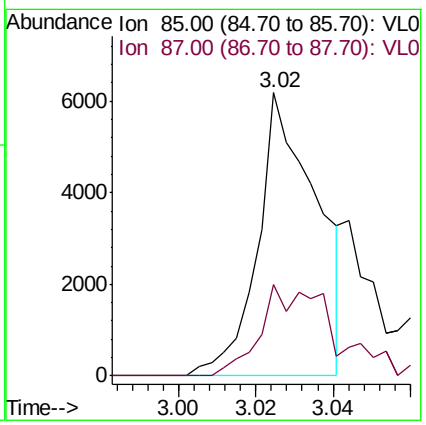


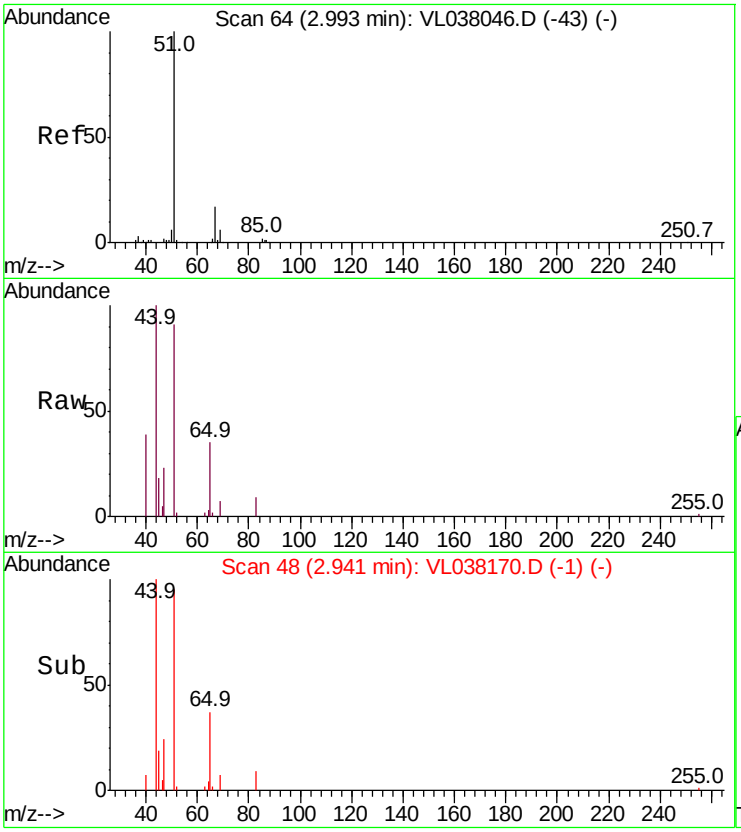


#2
Dichlorodifluoromethane
Concen: 0.037 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.03 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 85 Resp: 6527

Ion	Ratio	Lower	Upper
85	100		
87	32.2	25.8	38.6



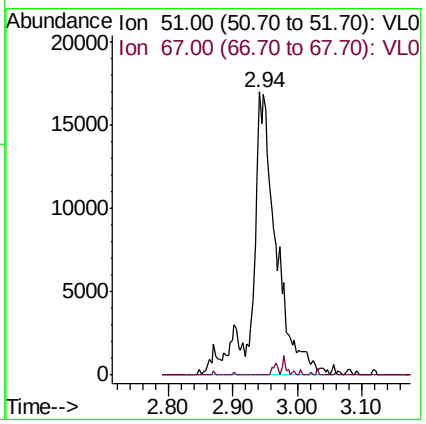


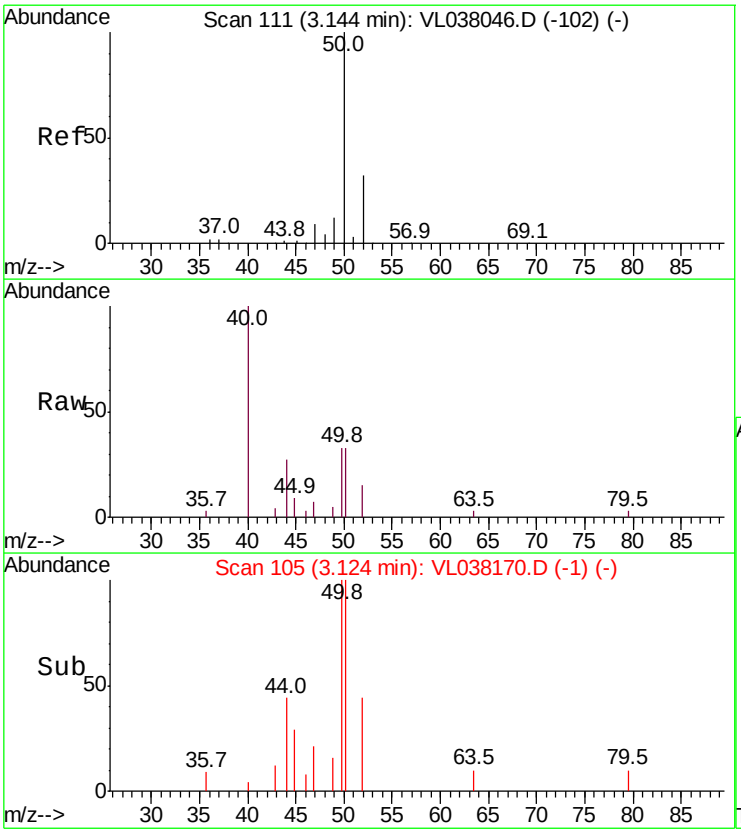
#3
Chlorodifluoromethane
Concen: 0.195 ppbv
RT: 2.94
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 43270

Ion	Ratio	Lower	Upper
51	100		
67	2.2	13.8	20.8#

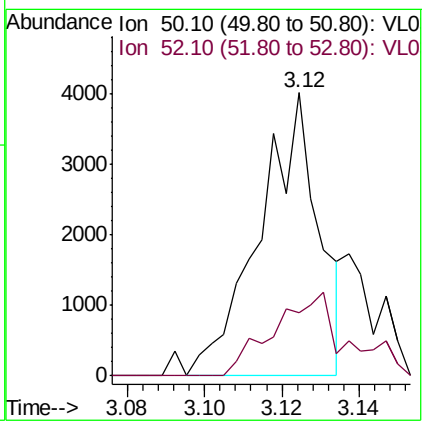


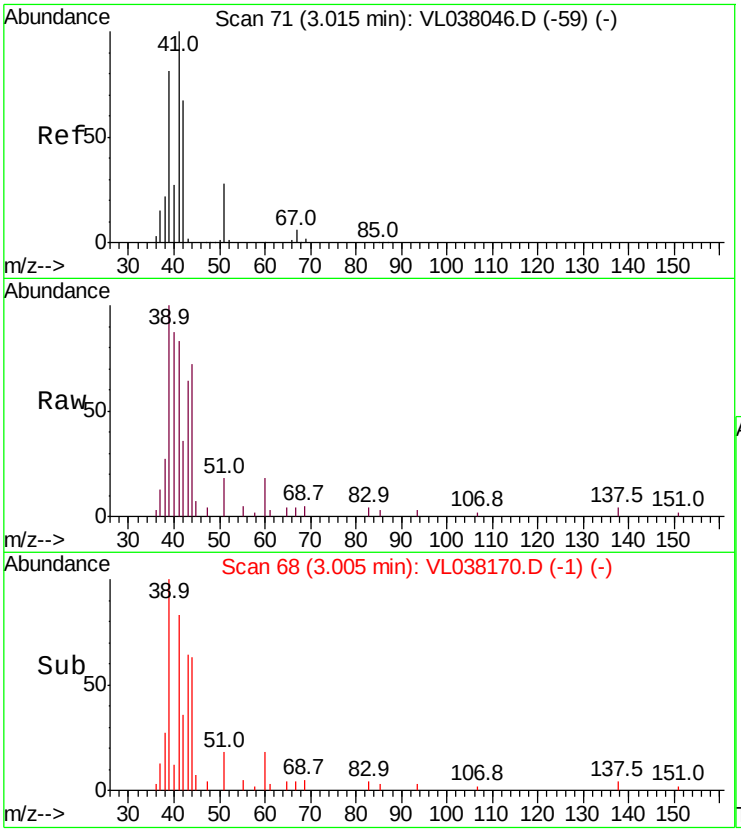


#4
Chloromethane
Concen: 0.057 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.02 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 50 Resp: 4295

Ion	Ratio	Lower	Upper
50	100		
52	22.1	25.4	38.0#



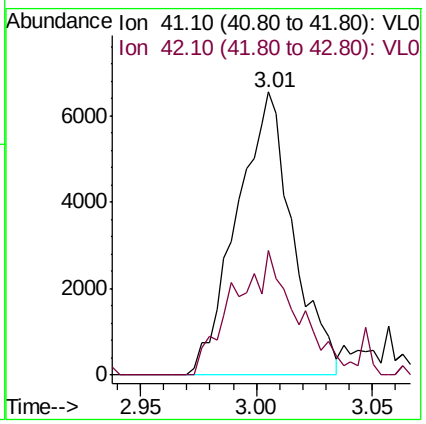


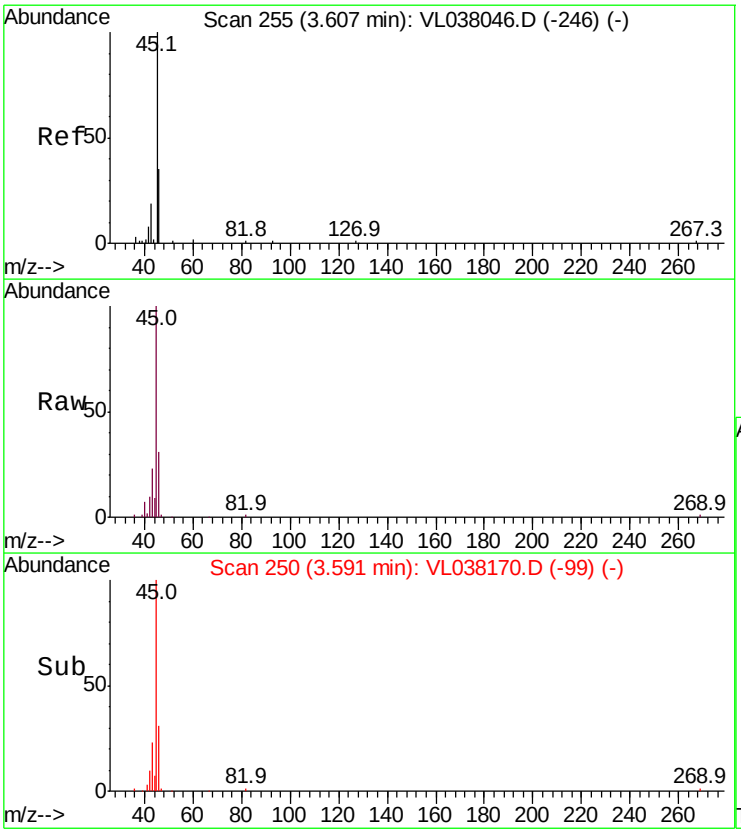
#9
Propene
Concen: 0.135 ppbv
RT: 3.01
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 11020

Ion	Ratio	Lower	Upper
41	100		
42	53.1	53.8	80.8#

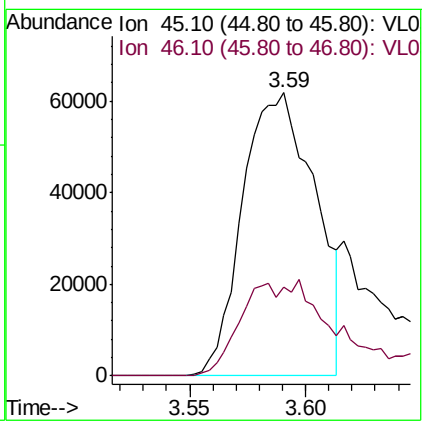


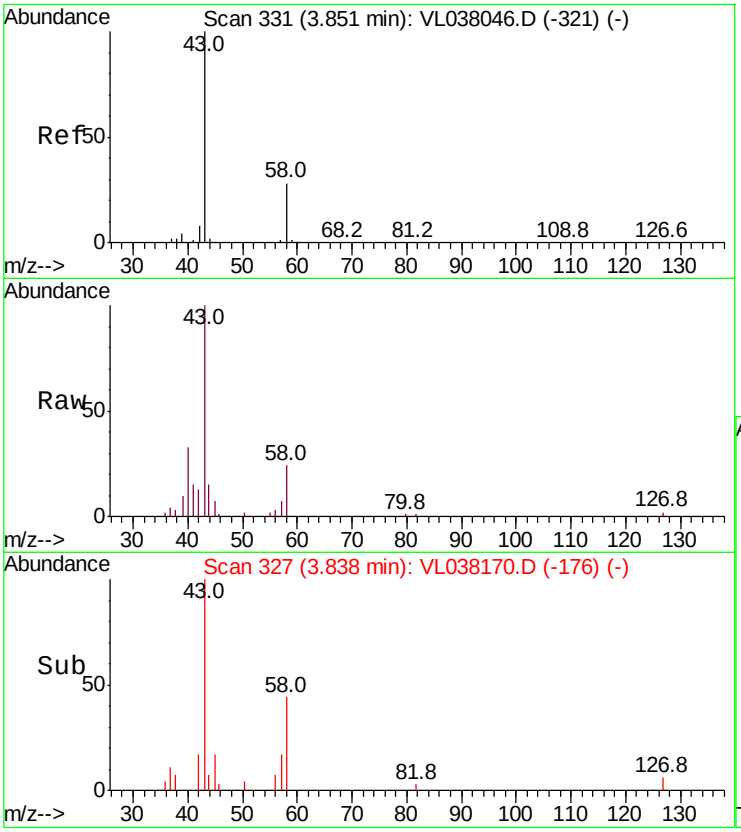


#13
Ethanol
Concen: 17.022 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 45 Resp: 134405

Ion	Ratio	Lower	Upper
45	100		
46	53.8	17.6	70.2



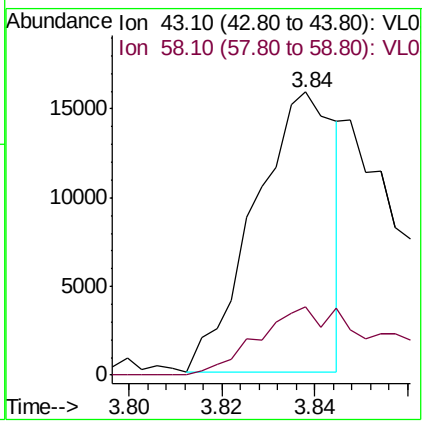


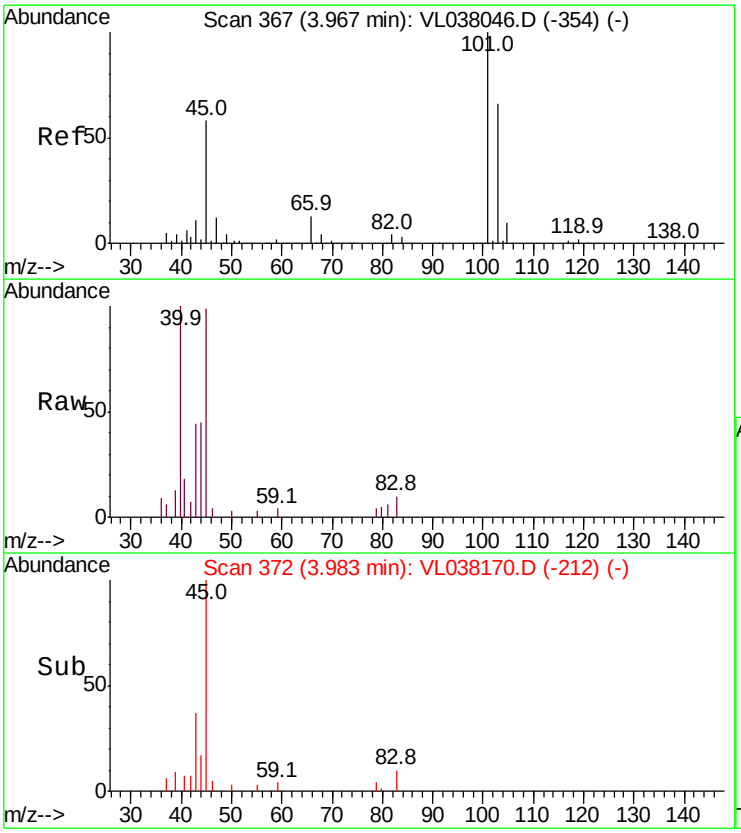
#15
Acetone
Concen: 0.207 ppbv
RT: 3.84
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 18976

Ion	Ratio	Lower	Upper
43	100		
58	47.2	22.4	33.6#

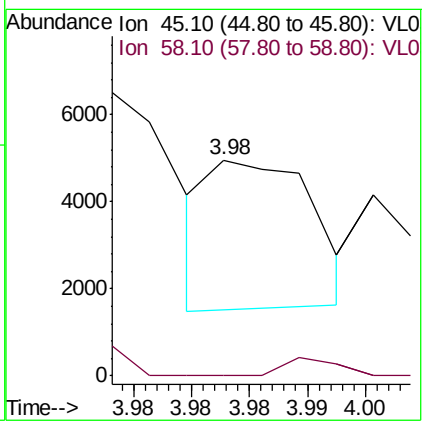


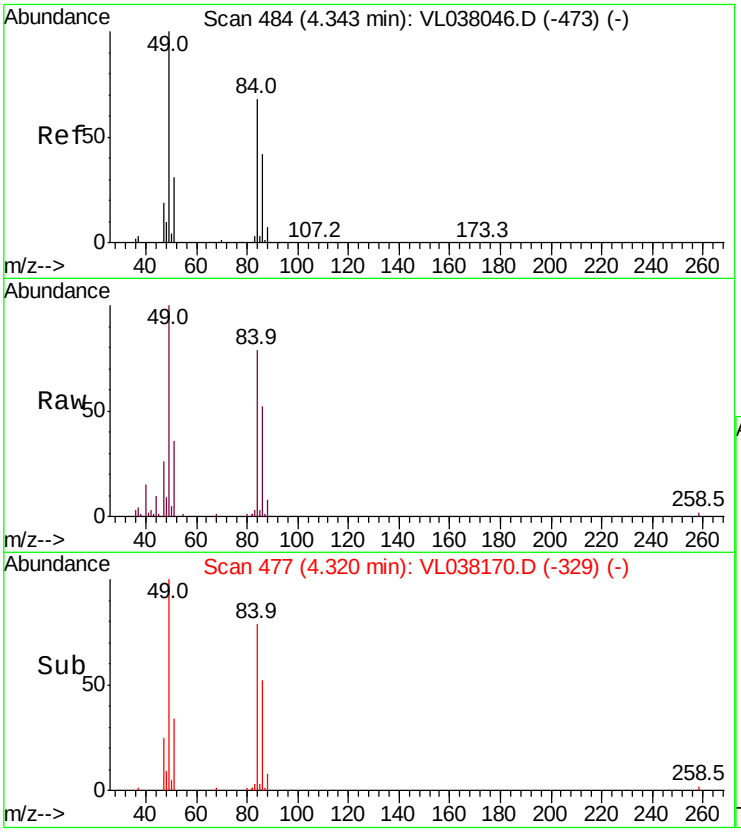


#19
Isopropyl Alcohol
Concen: 0.032 ppbv
RT: 3.98 min Scan# 372
Delta R.T. 0.02 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 45 Resp: 2098

Ion	Ratio	Lower	Upper
45	100		
58	60.4	1.4	2.0#



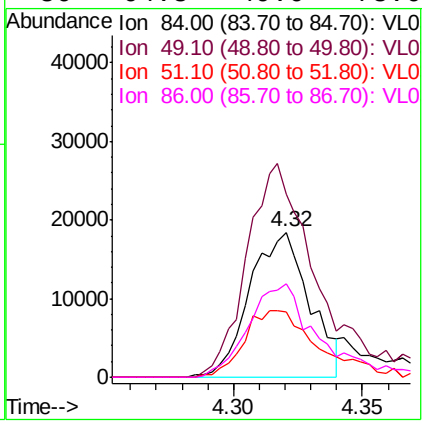


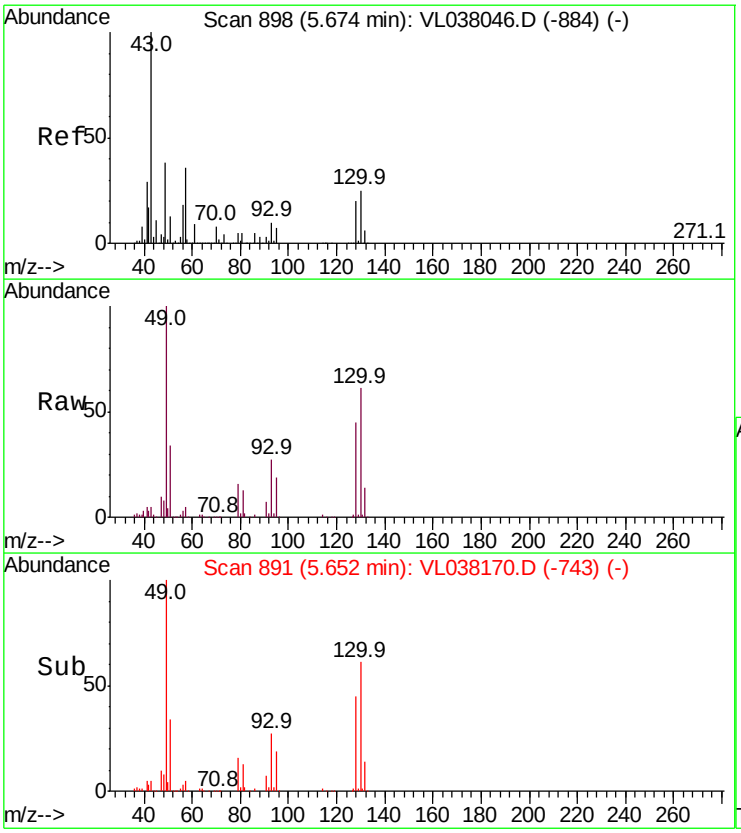
#20
Methylene Chloride
Concen: 0.583 ppbv
RT: 4.32
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 29886

Ion	Ratio	Lower	Upper
84	100		
49	125.8	118.2	177.2
51	45.0	36.8	55.2
86	64.8	49.0	73.6

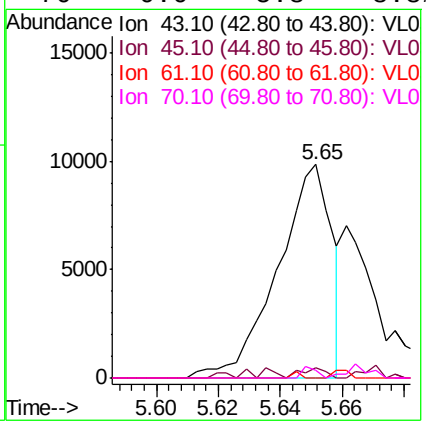


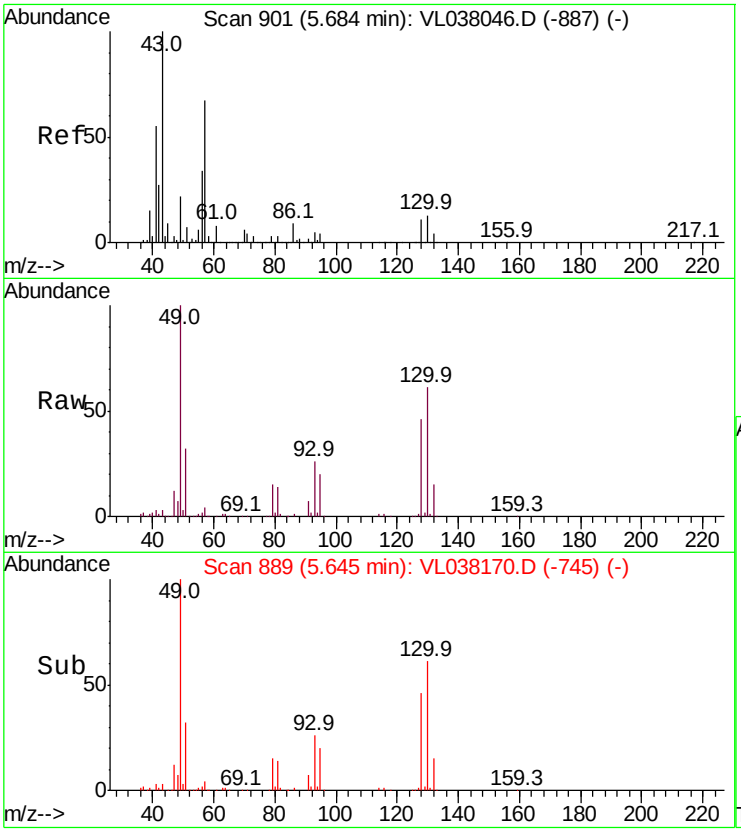


#25
Ethyl Acetate
Concen: 0.039 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion: 43 Resp: 11918

Ion	Ratio	Lower	Upper
43	100		
45	2.2	7.9	11.9#
61	0.0	7.8	11.6#
70	0.0	5.8	8.8#



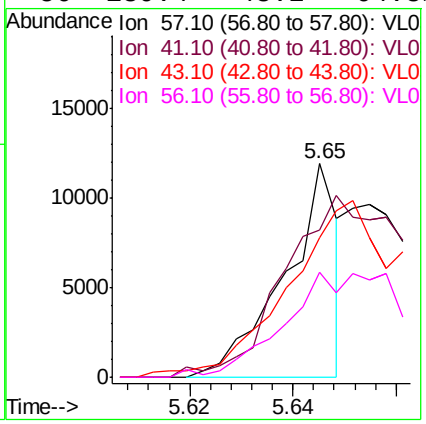


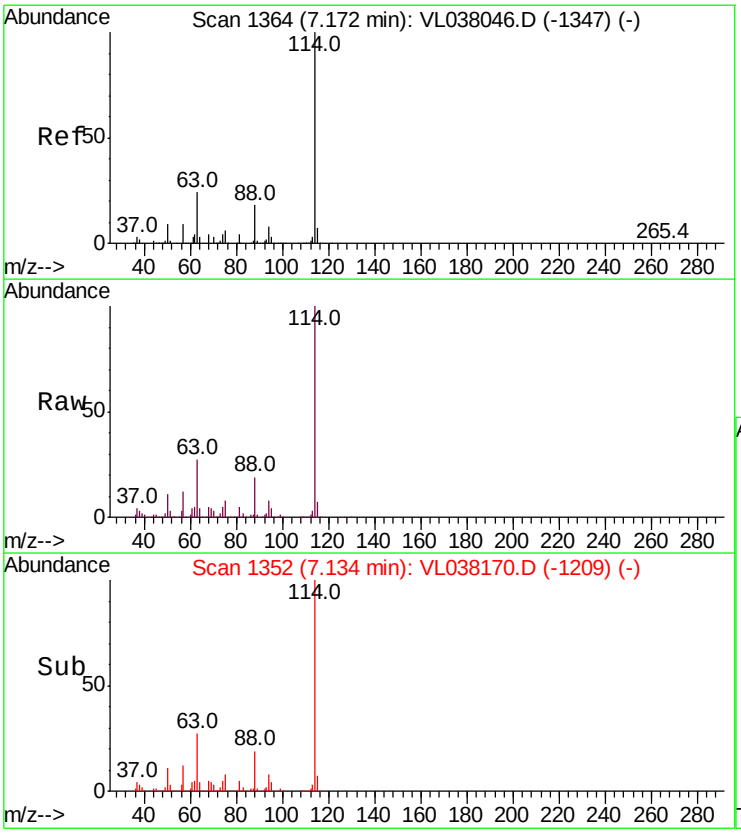
#26
Hexane
Concen: 0.057 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 8411

Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	0.0	174.6	261.8#
56	139.4	43.2	64.8#

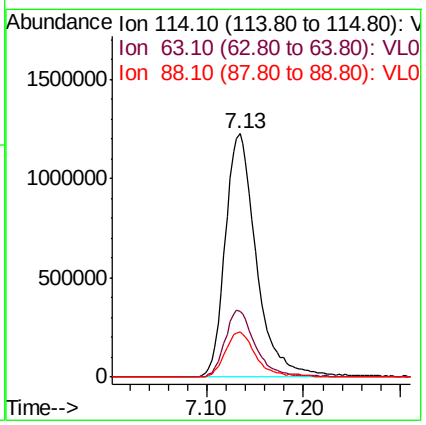


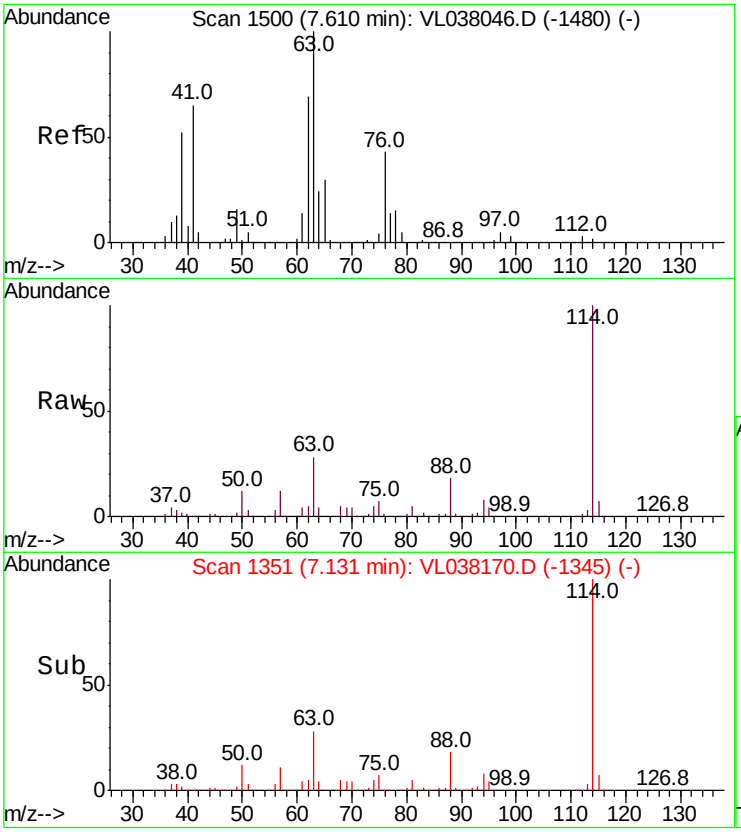


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.04 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion:114 Resp: 2751405

Ion	Ratio	Lower	Upper
114	100		
63	27.3	19.7	29.5
88	18.6	14.4	21.6



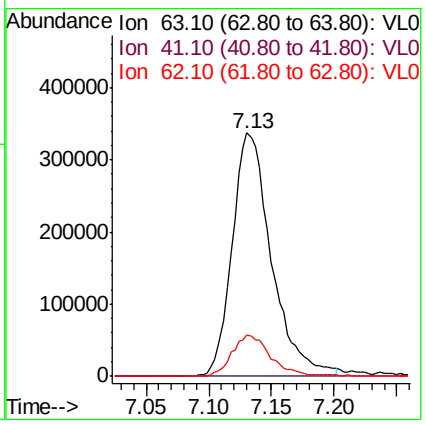


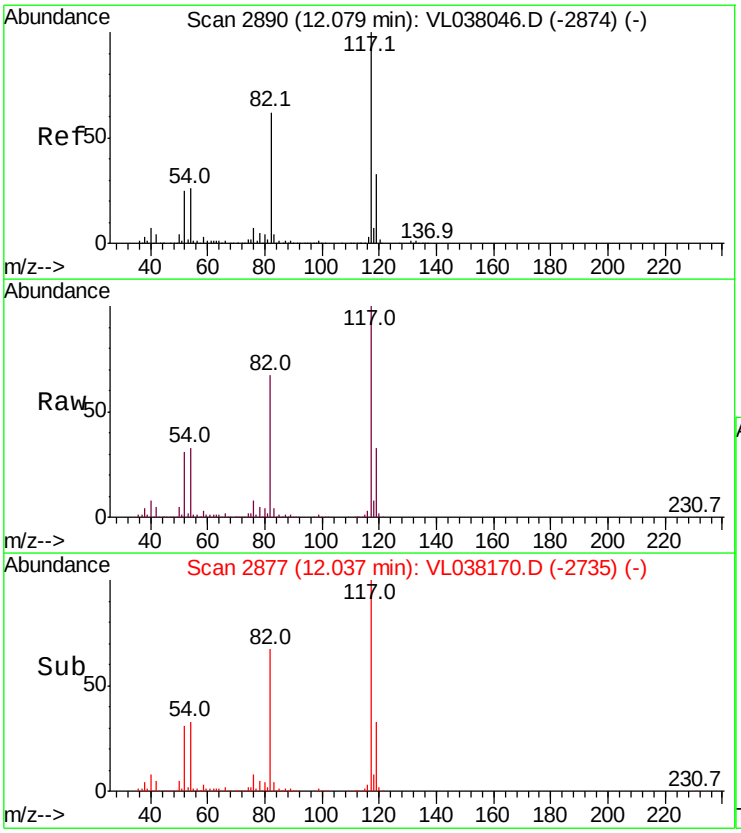
#39
1,2-Dichloropropane
Concen: 6.964 ppbv
RT: 7.13
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 733144

Ion	Ratio	Lower	Upper
63	100		
41	0.1	52.3	78.5#
62	17.2	55.1	82.7#

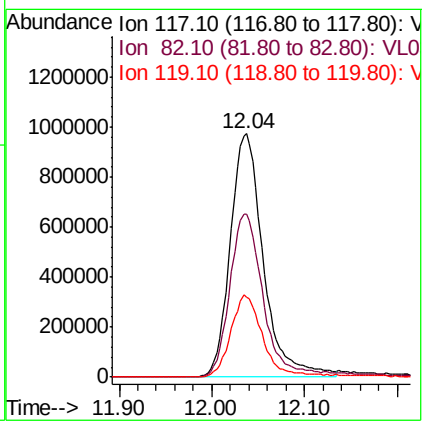


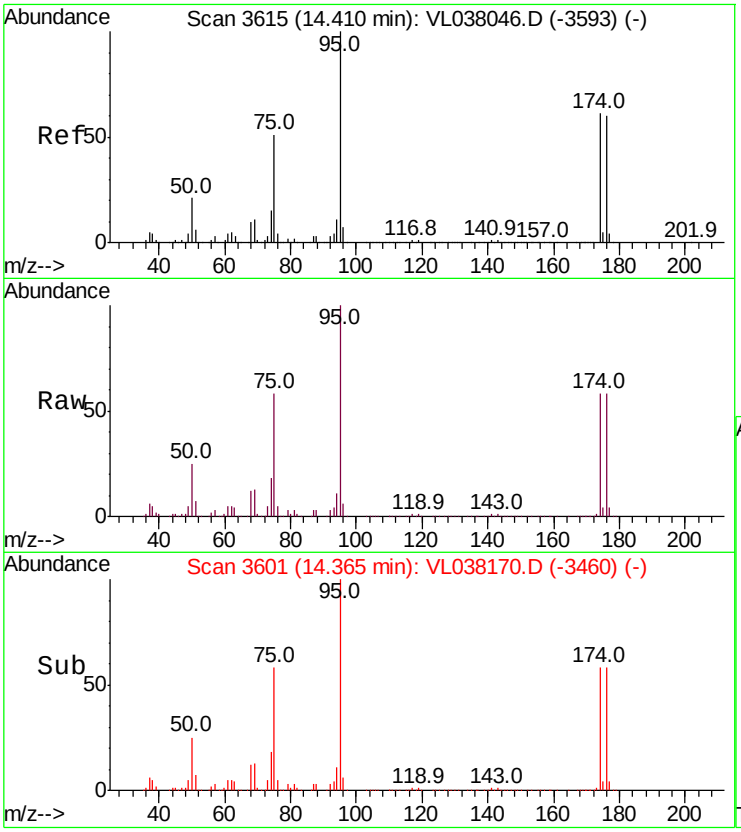


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2877
Delta R.T. -0.04 min
Lab File: VL038170.D
Acq: 14 Dec 2021 17:26

Tgt Ion:117 Resp: 2414236

Ion	Ratio	Lower	Upper
117	100		
82	70.3	52.8	79.2
119	33.9	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 10.825 ppbv
RT: 14.37
Delta R.T
Lab File:
Acq: 14 Dec 2021 17:26

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1885052

Ion	Ratio	Lower	Upper
95	100		
174	61.5	53.1	79.7
175	4.1	4.0	6.0