Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038158.D
Acq On : 7 Dec 2021 20:02
Operator : SY/AP
Sample : M4897-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 08 02:03:32 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	5.65	49	764452	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2217683	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	1893394	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1588604	11.63	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 116.30%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.96	51	29740	0.185	ppbv #	68
9) Propene	3.02	41	14183	0.240	ppbv #	82
10) Heptane	8.10	43	6535	0.045	ppbv #	27
13) Ethanol	3.61	45	32284	5.650	ppbv	76
15) Acetone	3.86	43	168299	2.539	ppbv #	86
17) tert-Butyl alcohol	4.30	59	7036	0.088	ppbv #	49
19) Isopropyl Alcohol	3.98	45	43276	0.904	ppbv #	72
20) Methylene Chloride	4.34	84	24722	0.666	ppbv	97
23) Vinyl Acetate	5.07	43	107759	1.123	ppbv #	94
25) Ethyl Acetate	5.67	43	116973	0.531	ppbv #	80
26) Hexane	5.67	57	79218	0.746	ppbv #	19
34) 2-Butanone	5.25	43	6544	0.073	ppbv #	52
39) 1,2-Dichloropropane	7.16	63	558791	6.585	ppbv #	26
51) 2-Hexanone	10.12	43	29675	0.464	ppbv #	66
53) Toluene	9.79	91	11706	0.046	ppbv #	41

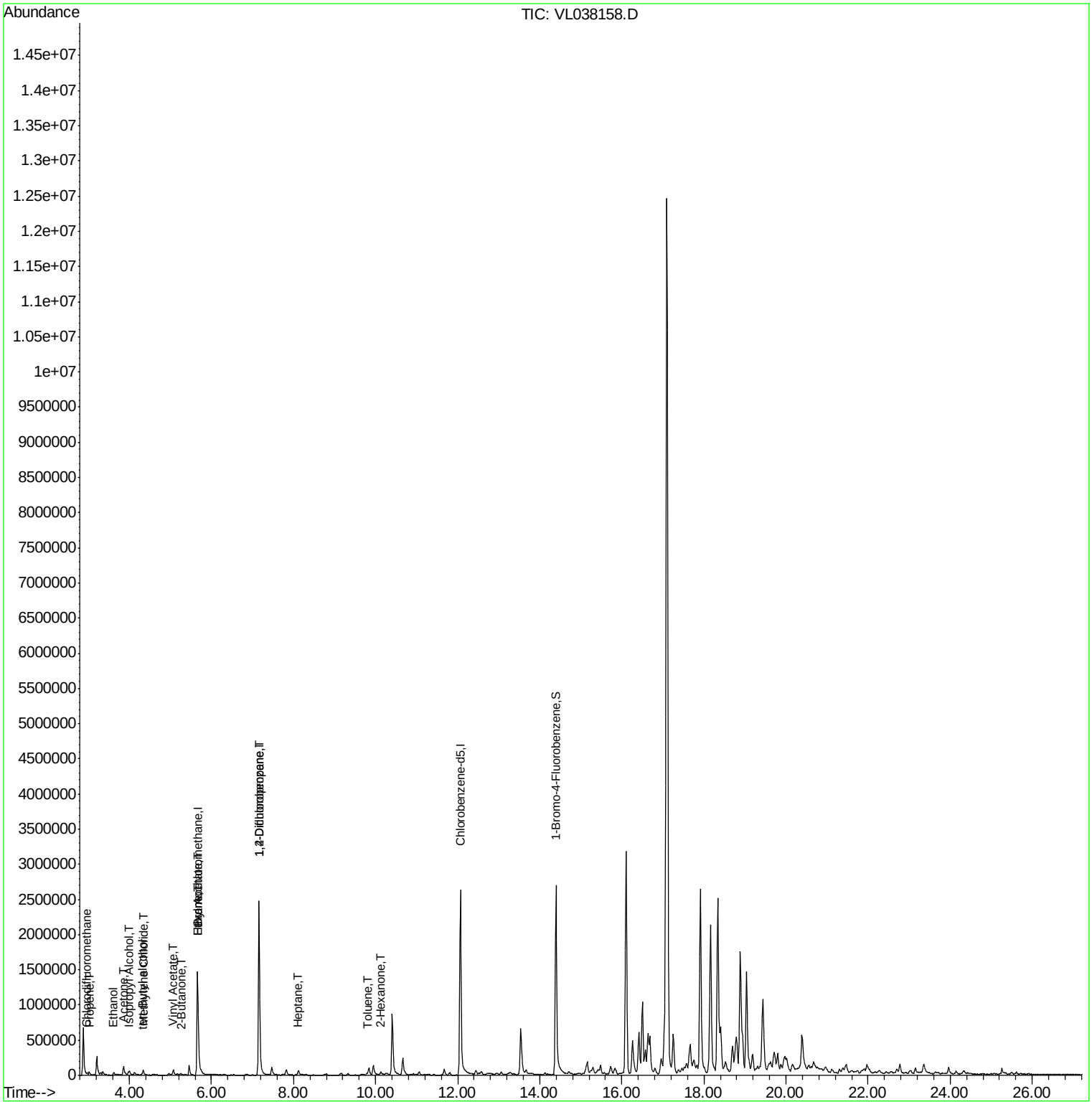
(#) = qualifier out of range (m) = manual integration (+) = signals summed

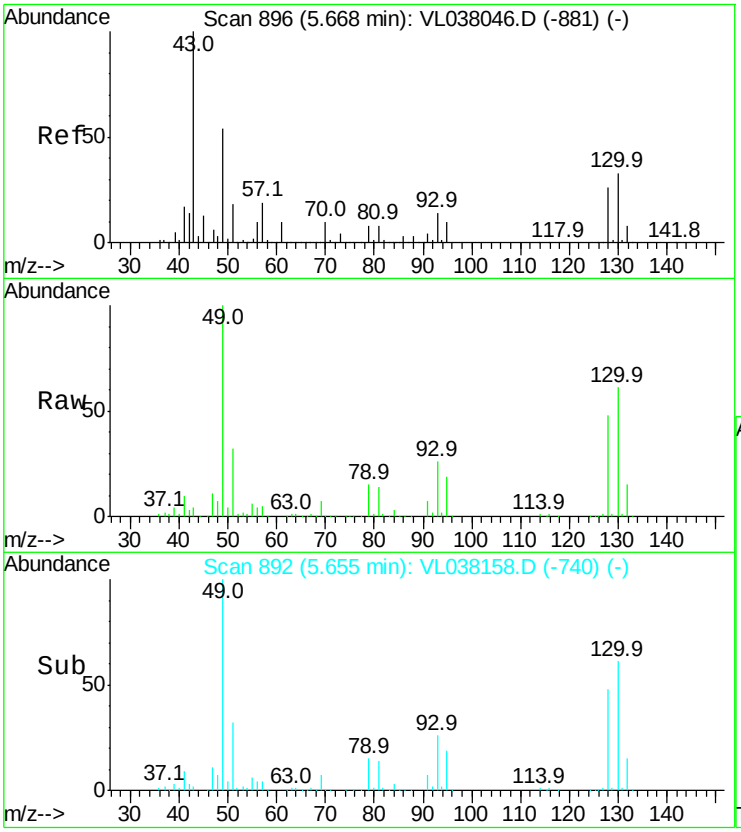
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL120721\
Data File : VL038158.D
Acq On : 7 Dec 2021 20:02
Operator : SY/AP
Sample : M4897-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 08 02:03:32 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



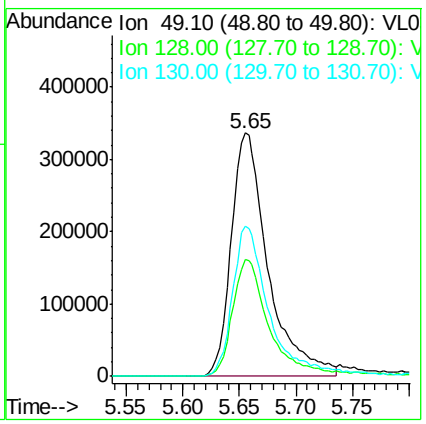


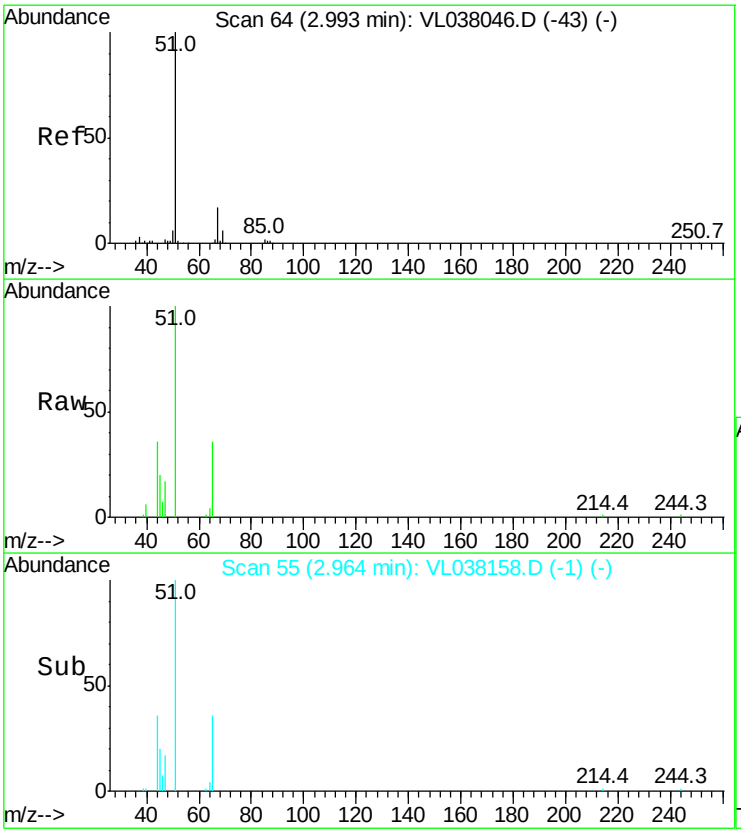
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 764452

Ion	Ratio	Lower	Upper
49	100		
128	50.3	26.5	79.5
130	62.9	32.5	97.4

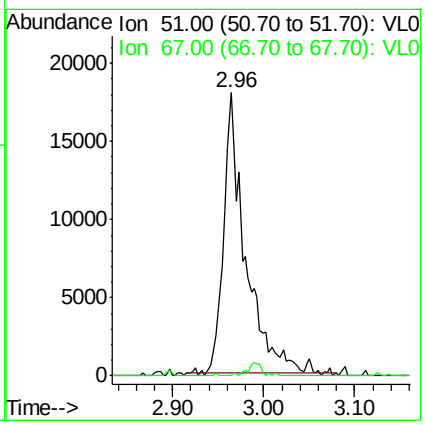


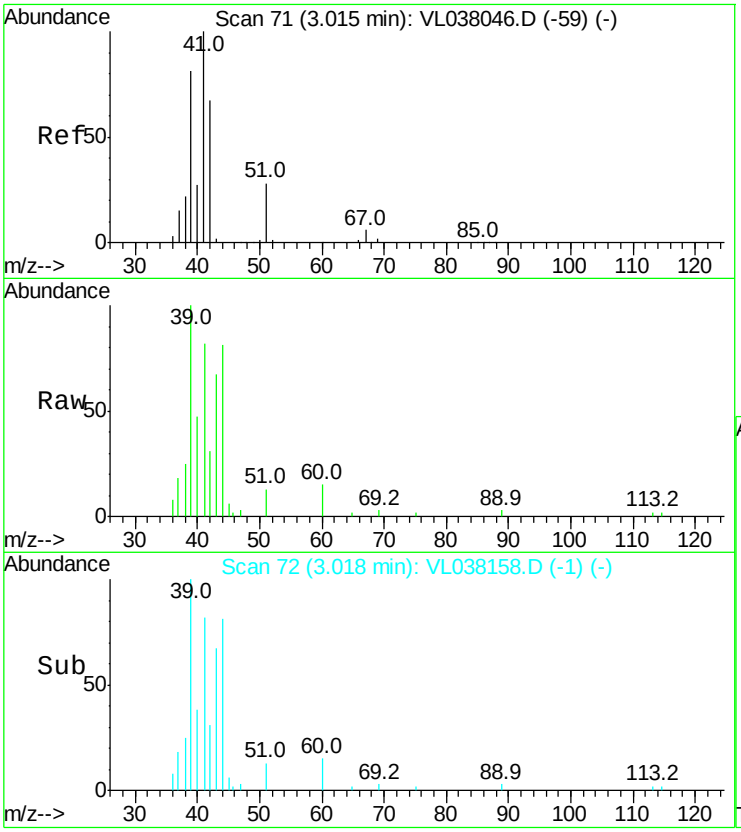


#3
Chlorodifluoromethane
Concen: 0.185 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.03 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 51 Resp: 29740

Ion	Ratio	Lower	Upper
51	100		
67	3.3	13.8	20.8#



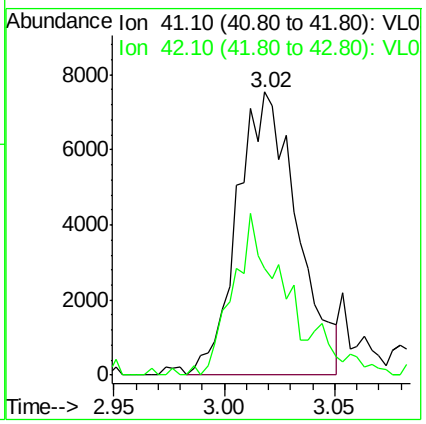


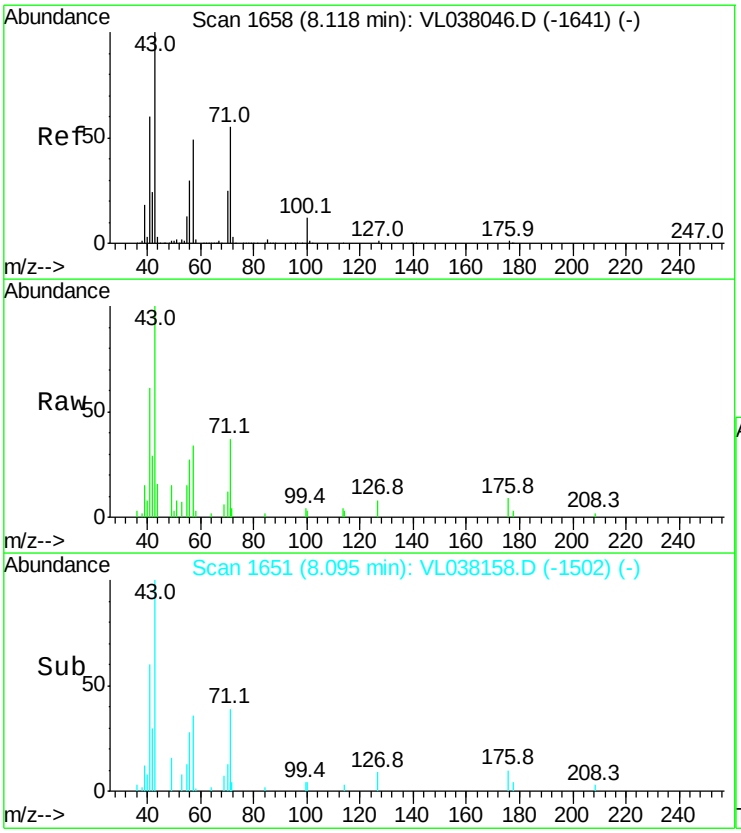
#9
Propene
Concen: 0.240 ppbv
RT: 3.02
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 14183

Ion	Ratio	Lower	Upper
41	100		
42	53.0	53.8	80.8#

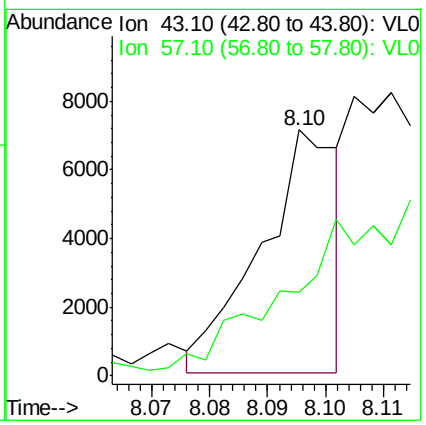


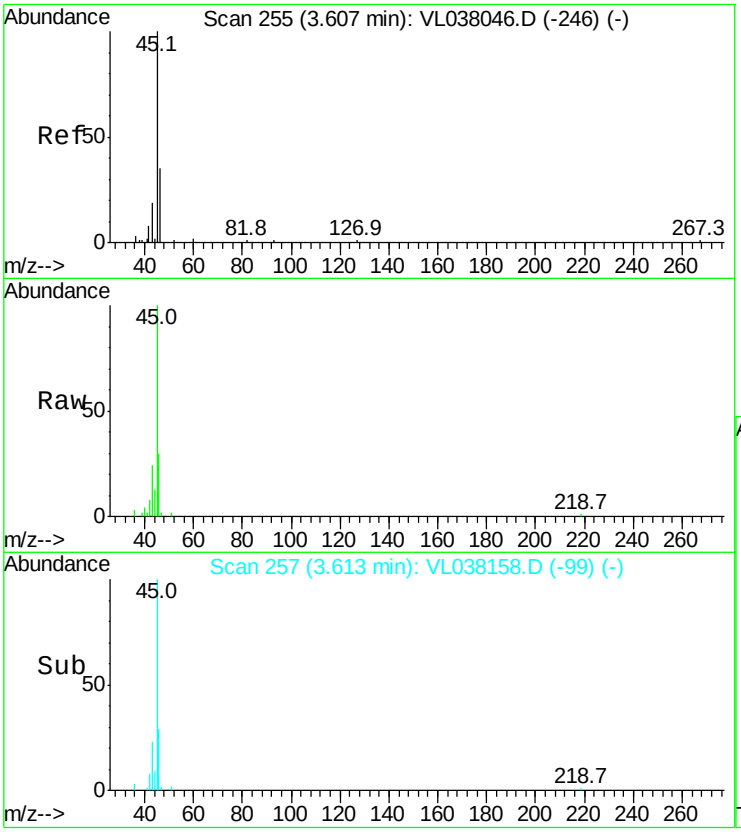


#10
Heptane
Concen: 0.045 ppbv
RT: 8.10 min Scan# 1651
Delta R.T. -0.02 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 43 Resp: 6535

Ion	Ratio	Lower	Upper
43	100		
57	0.0	40.4	60.6#



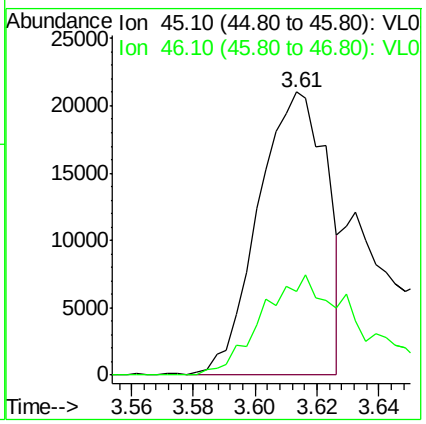


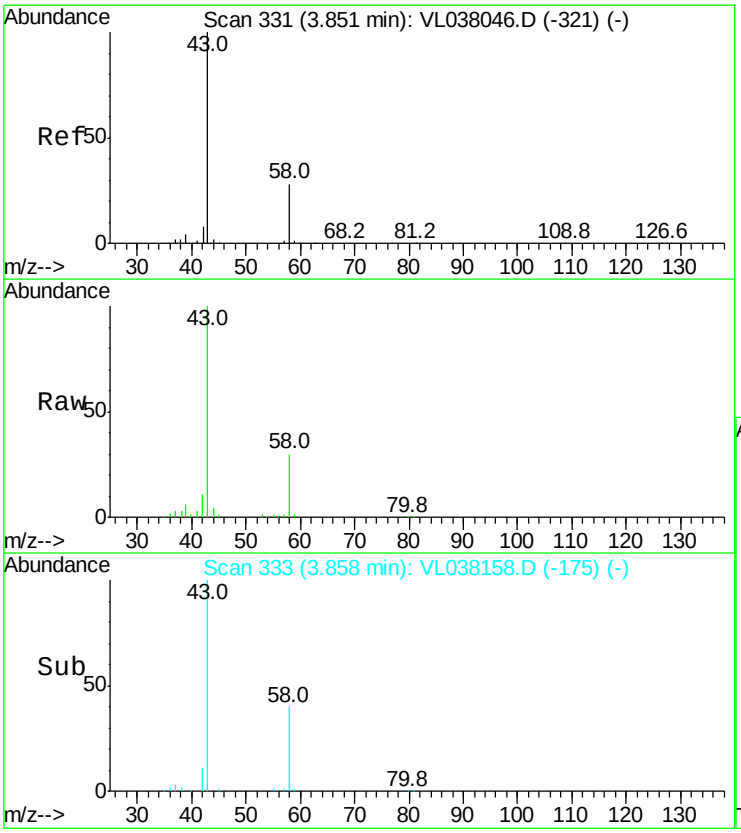
#13
Ethanol
Concen: 5.650 ppbv
RT: 3.61
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 32284

Ion	Ratio	Lower	Upper
45	100		
46	59.2	17.6	70.2

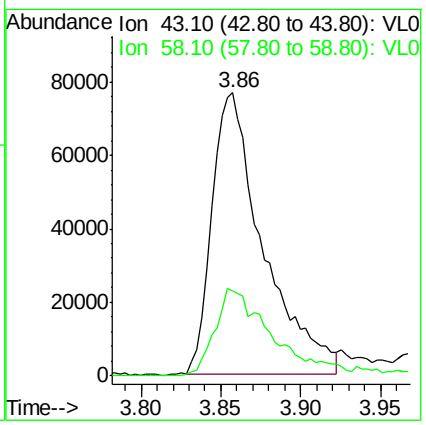


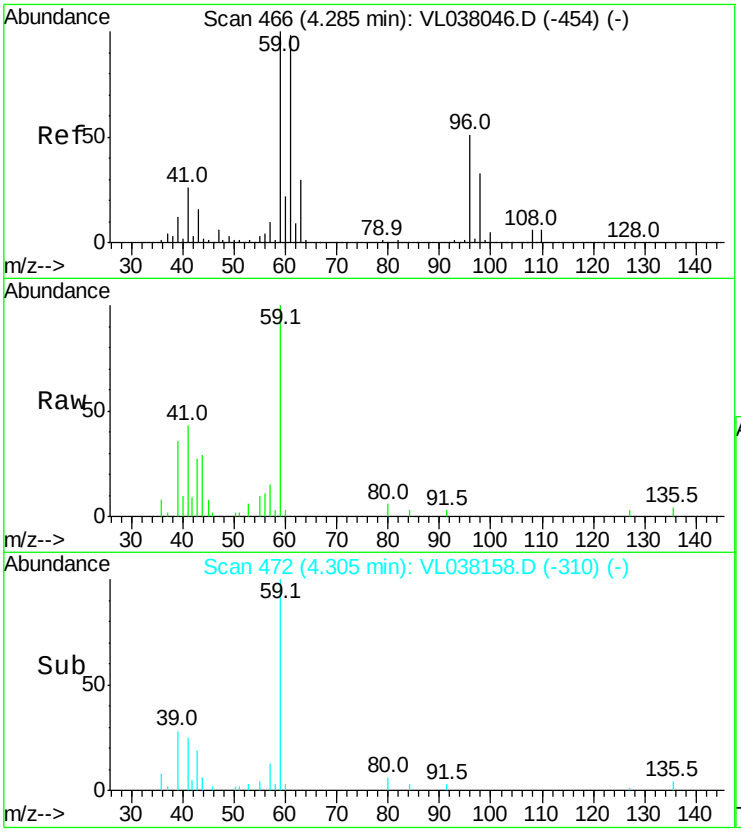


#15
Acetone
Concen: 2.539 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 43 Resp: 168299

Ion	Ratio	Lower	Upper
43	100		
58	35.6	22.4	33.6#



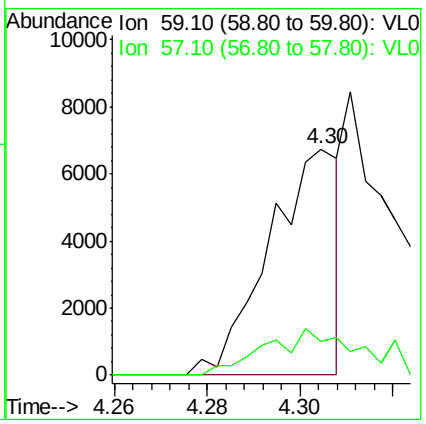


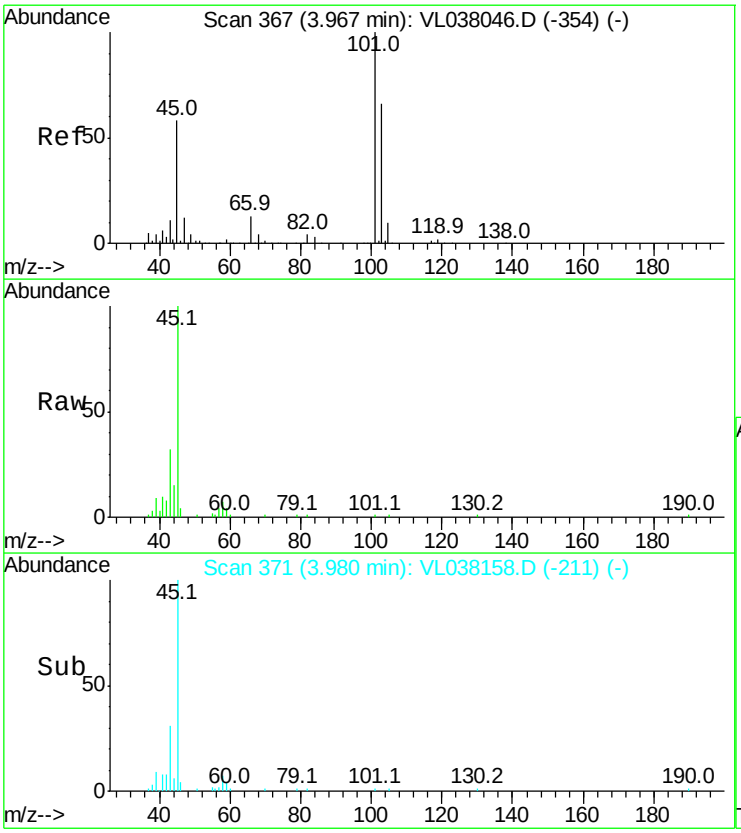
#17
tert-Butyl alcohol
Concen: 0.088 ppbv
RT: 4.30
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 7036

Ion	Ratio	Lower	Upper
59	100		
57	30.2	8.6	13.0#

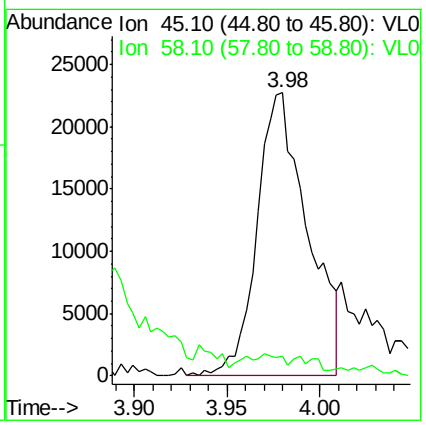


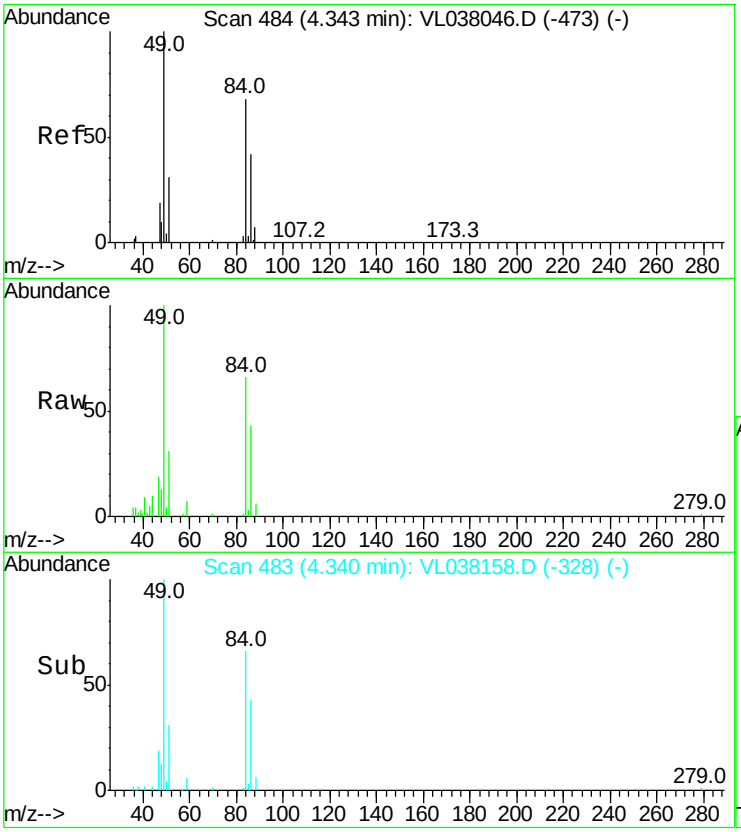


#19
Isopropyl Alcohol
Concen: 0.904 ppbv
RT: 3.98 min Scan# 371
Delta R.T. 0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 45 Resp: 43276

Ion	Ratio	Lower	Upper
45	100		
58	12.1	1.4	2.0#



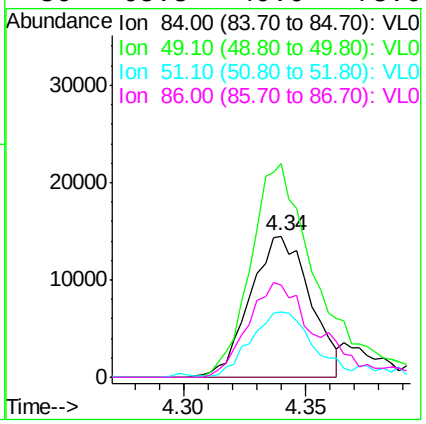


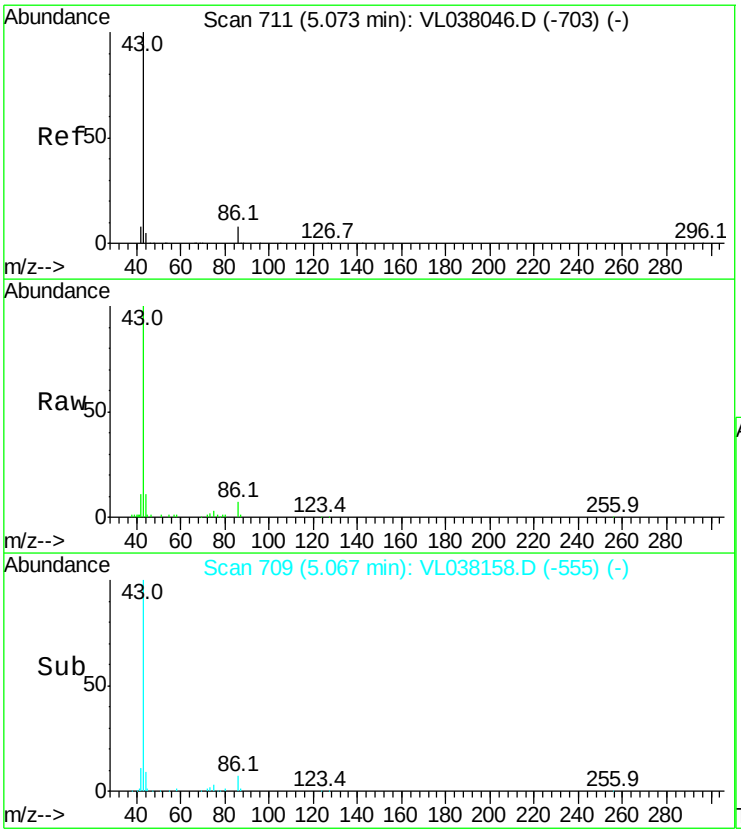
#20
Methylene Chloride
Concen: 0.666 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 24722

Ion	Ratio	Lower	Upper
84	100		
49	151.2	118.2	177.2
51	44.7	36.8	55.2
86	65.3	49.0	73.6

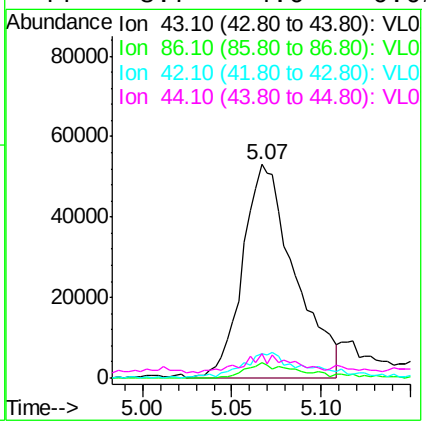


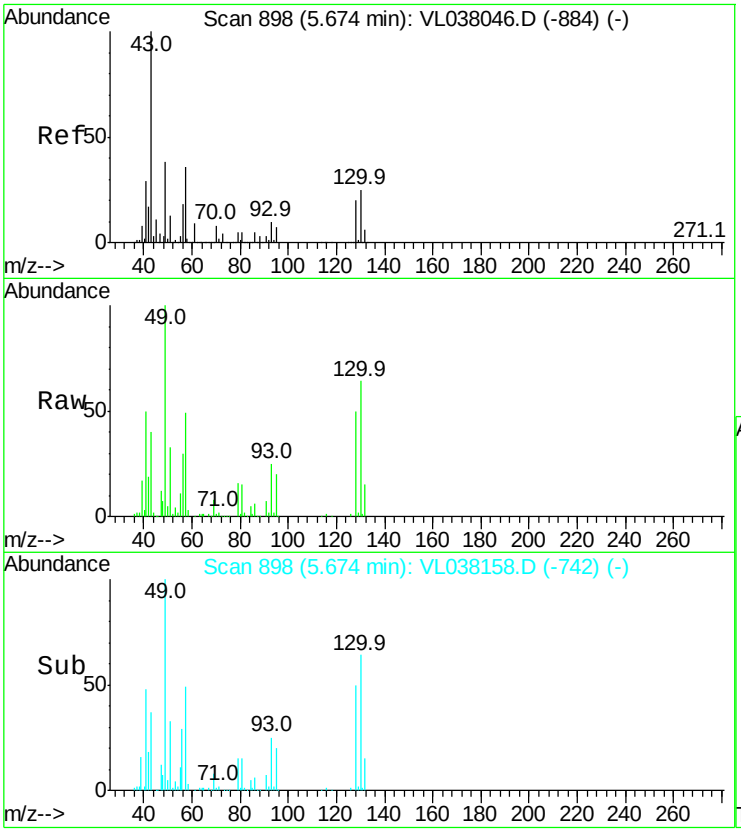


#23
Vinyl Acetate
Concen: 1.123 ppbv
RT: 5.07 min Scan# 709
Delta R.T. -0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 43 Resp: 107759

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.3	7.9
42	11.1	7.0	10.6#
44	8.7	4.0	6.0#



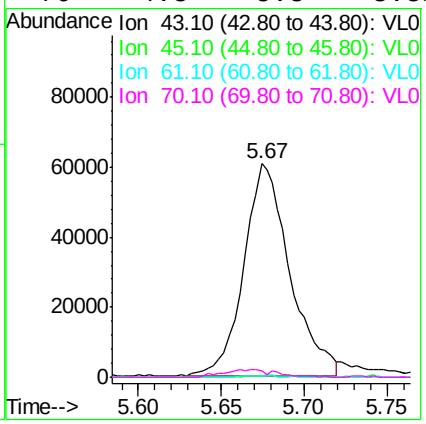


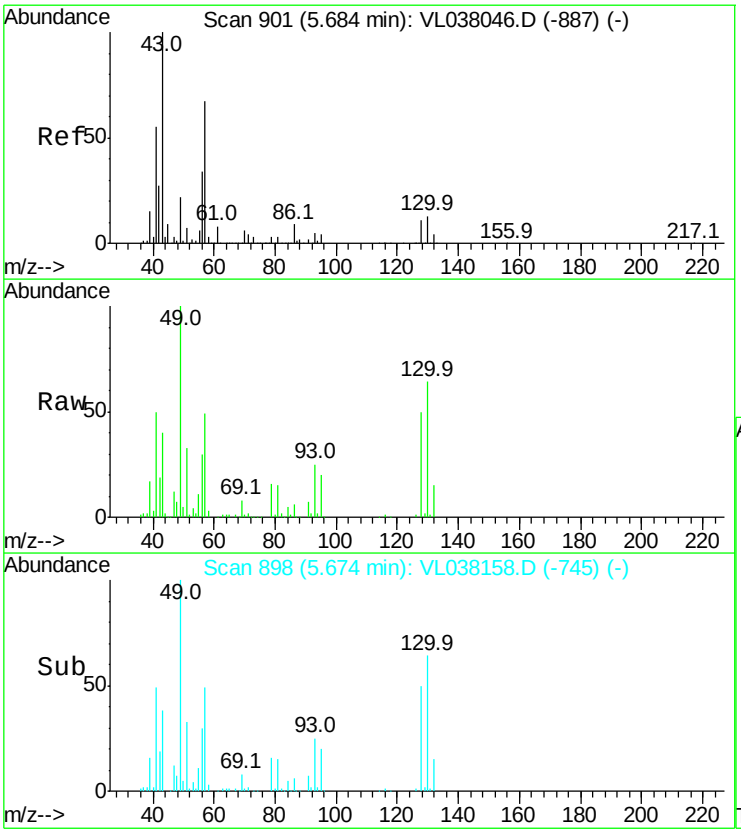
#25
Ethyl Acetate
Concen: 0.531 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 116973

Ion	Ratio	Lower	Upper
43	100		
45	0.9	7.9	11.9#
61	0.5	7.8	11.6#
70	4.3	5.8	8.8#

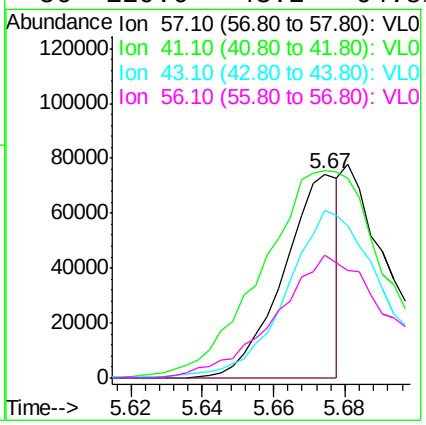


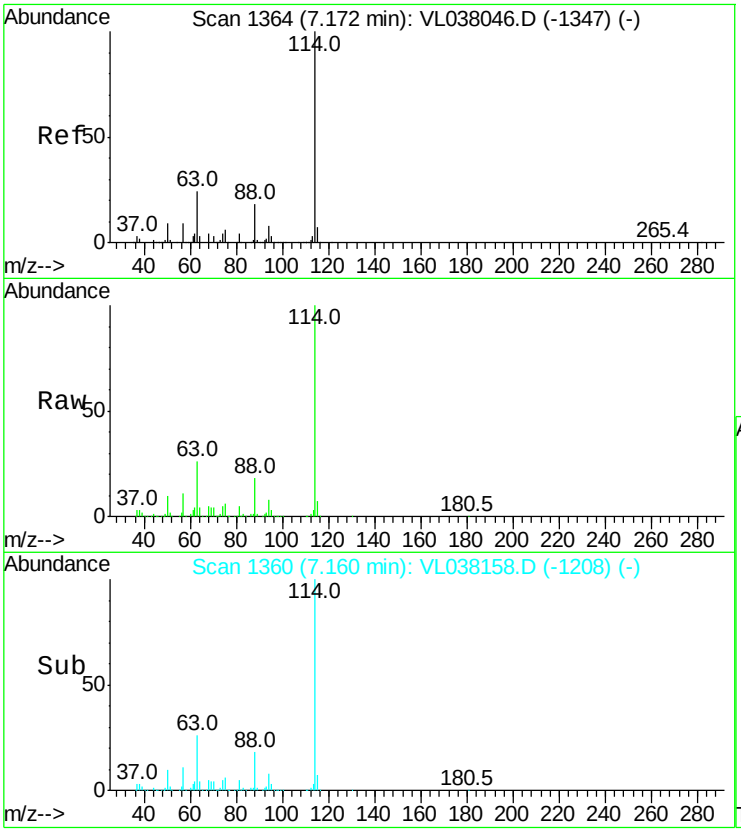


#26
Hexane
Concen: 0.746 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 57 Resp: 79218

Ion	Ratio	Lower	Upper
57	100		
41	247.1	71.4	107.2#
43	156.5	174.6	261.8#
56	129.6	43.2	64.8#



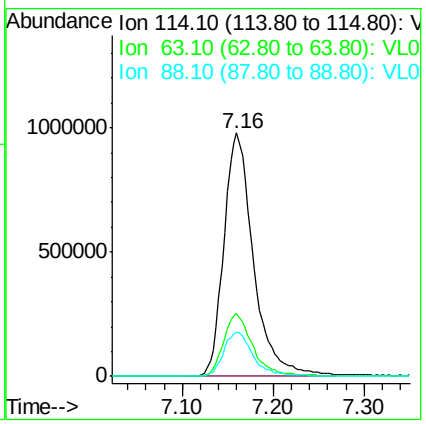


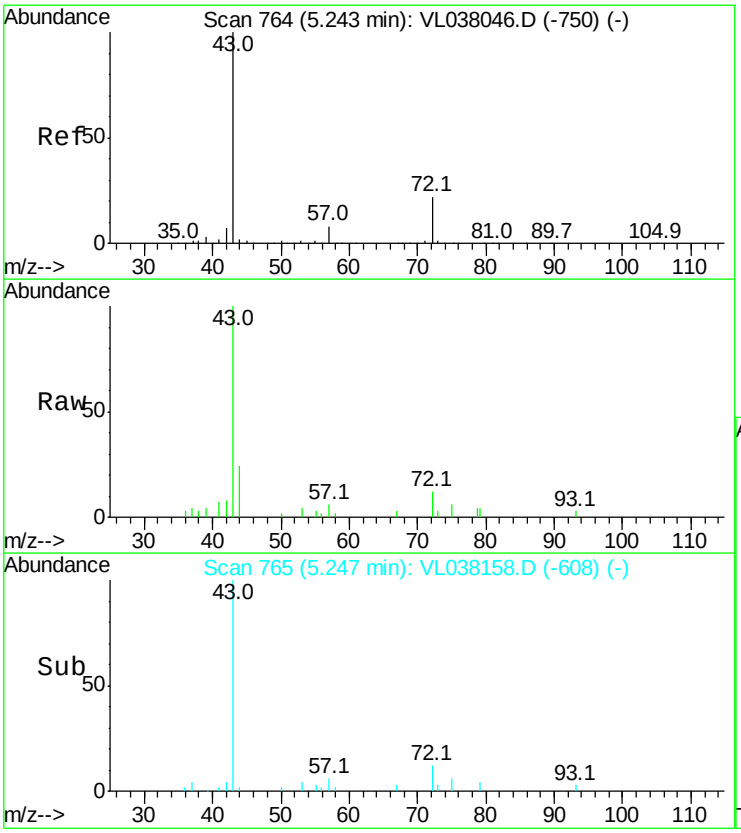
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2217683

Ion	Ratio	Lower	Upper
114	100		
63	25.8	19.7	29.5
88	18.3	14.4	21.6

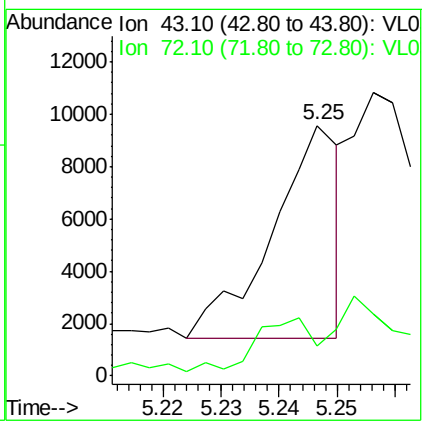


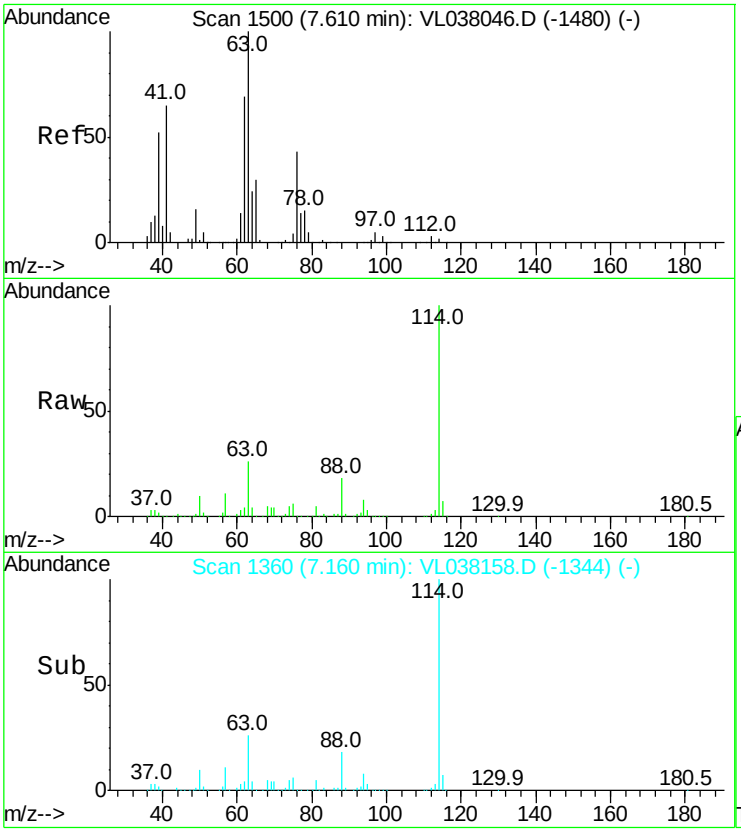


#34
2-Butanone
Concen: 0.073 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 43 Resp: 6544

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#



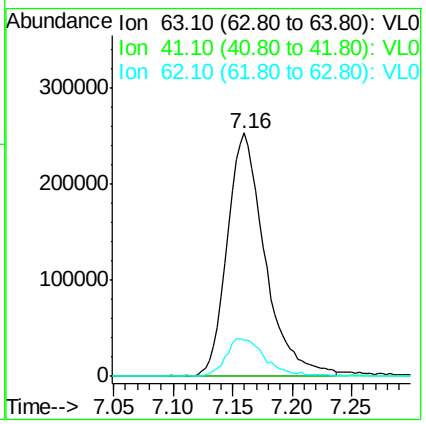


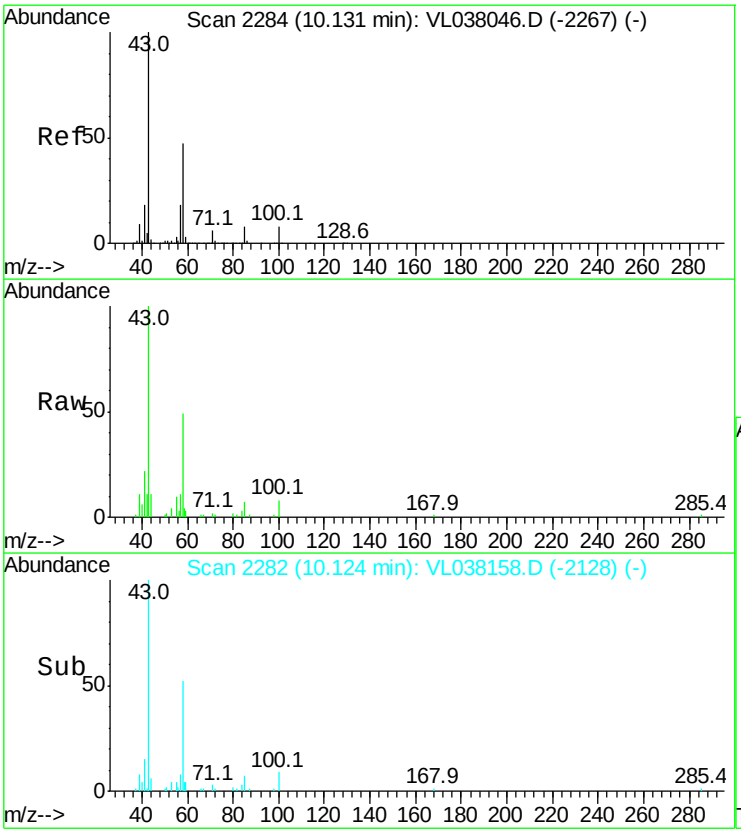
#39
1,2-Dichloropropane
Concen: 6.585 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 558791

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.3	78.5#
62	14.9	55.1	82.7#

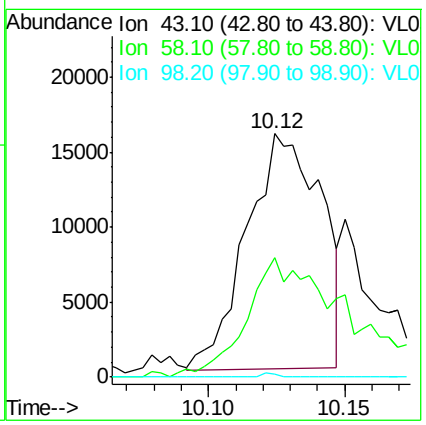


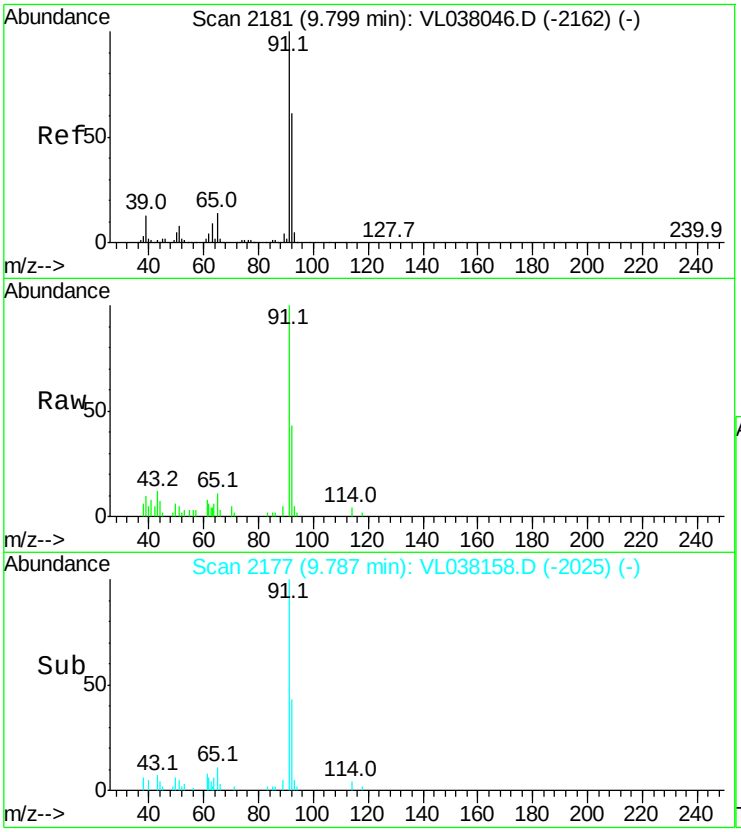


#51
2-Hexanone
Concen: 0.464 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. -0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion: 43 Resp: 29675

Ion	Ratio	Lower	Upper
43	100		
58	75.2	41.1	61.7#
98	0.3	0.1	0.1#



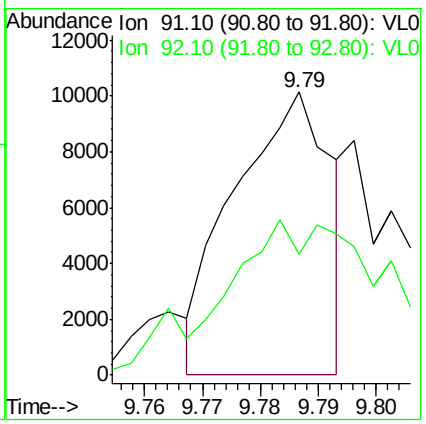


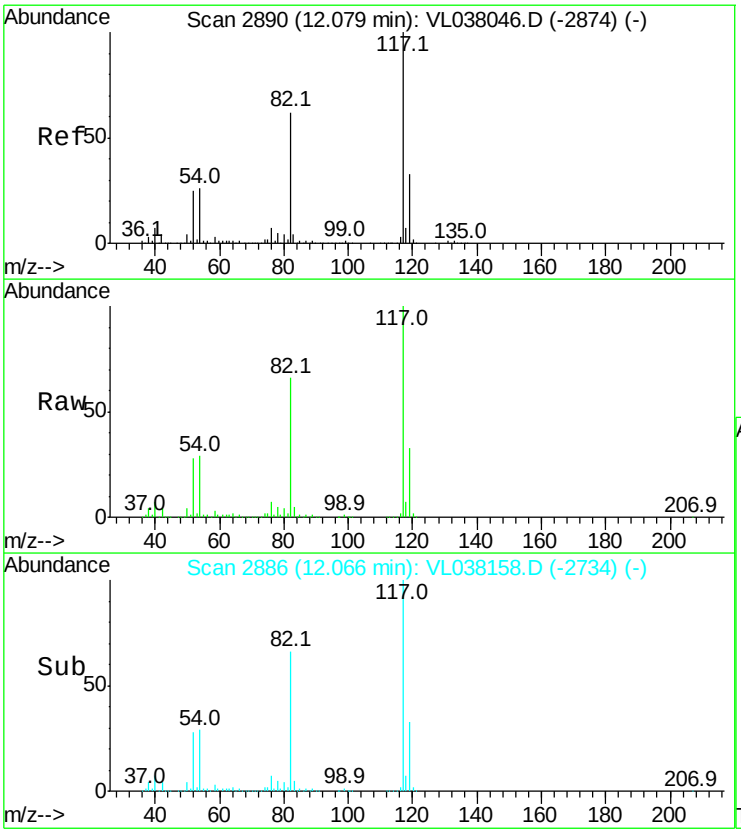
#53
Toluene
Concen: 0.046 ppbv
RT: 9.79
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 11706

Ion	Ratio	Lower	Upper
91	100		
92	107.6	49.7	74.5#

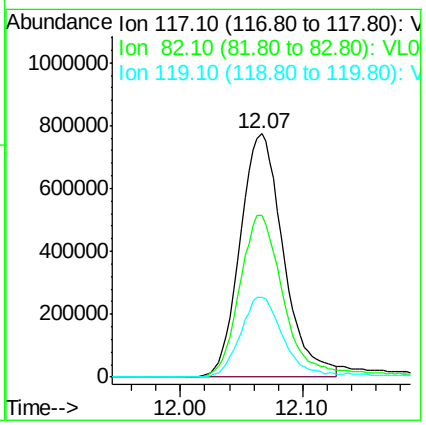


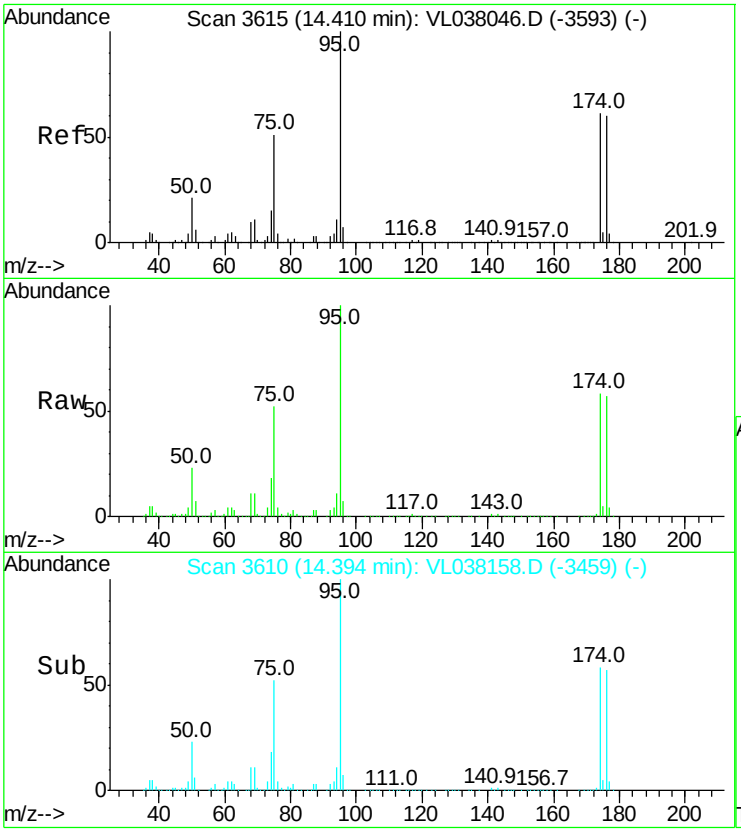


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.01 min
Lab File: VL038158.D
Acq: 7 Dec 2021 20:02

Tgt Ion:117 Resp: 1893394

Ion	Ratio	Lower	Upper
117	100		
82	70.3	52.8	79.2
119	34.3	26.8	40.2





#68
1-Bromo-4-Fluorobenzene
Concen: 11.632 ppbv
RT: 14.39
Delta R.T
Lab File:
Acq: 7 Dec 2021 20:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1588604

Ion	Ratio	Lower	Upper
95	100		
174	60.8	53.1	79.7
175	4.3	4.0	6.0