Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037817.D
Acq On : 8 Oct 2021 4:55
Operator : SY/AP
Sample : M4079-11DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Quant Time: Oct 08 10:10:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1380922	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3987468	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3388256	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2426027	10.24	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	6926	0.031	ppbv #	71
9) Propene	3.01	41	11322	0.116	ppbv #	14
13) Ethanol	3.61	45	54183	6.786	ppbv	98
15) Acetone	3.84	43	1015997	8.196	ppbv	97
16) 1,3-Butadiene	3.30	39	39490	0.438	ppbv #	20
17) tert-Butyl alcohol	4.30	59	11539	0.090	ppbv #	69
19) Isopropyl Alcohol	3.98	45	10249	0.133	ppbv #	1
20) Methylene Chloride	4.34	84	9492	0.152	ppbv #	87
26) Hexane	5.68	57	4483	0.026	ppbv #	1
27) Carbon Disulfide	4.54	76	4983	0.033	ppbv #	68
29) Chloroform	5.73	83	7224	0.030	ppbv	98
34) 2-Butanone	5.25	43	190597	1.184	ppbv	92
39) 1,2-Dichloropropane	7.16	63	939600	7.334	ppbv #	28
52) Tetrachloroethene	11.21	164	47065	0.355	ppbv #	79
71) 2-Chlorotoluene	15.30	91	103284	0.280	ppbv #	42

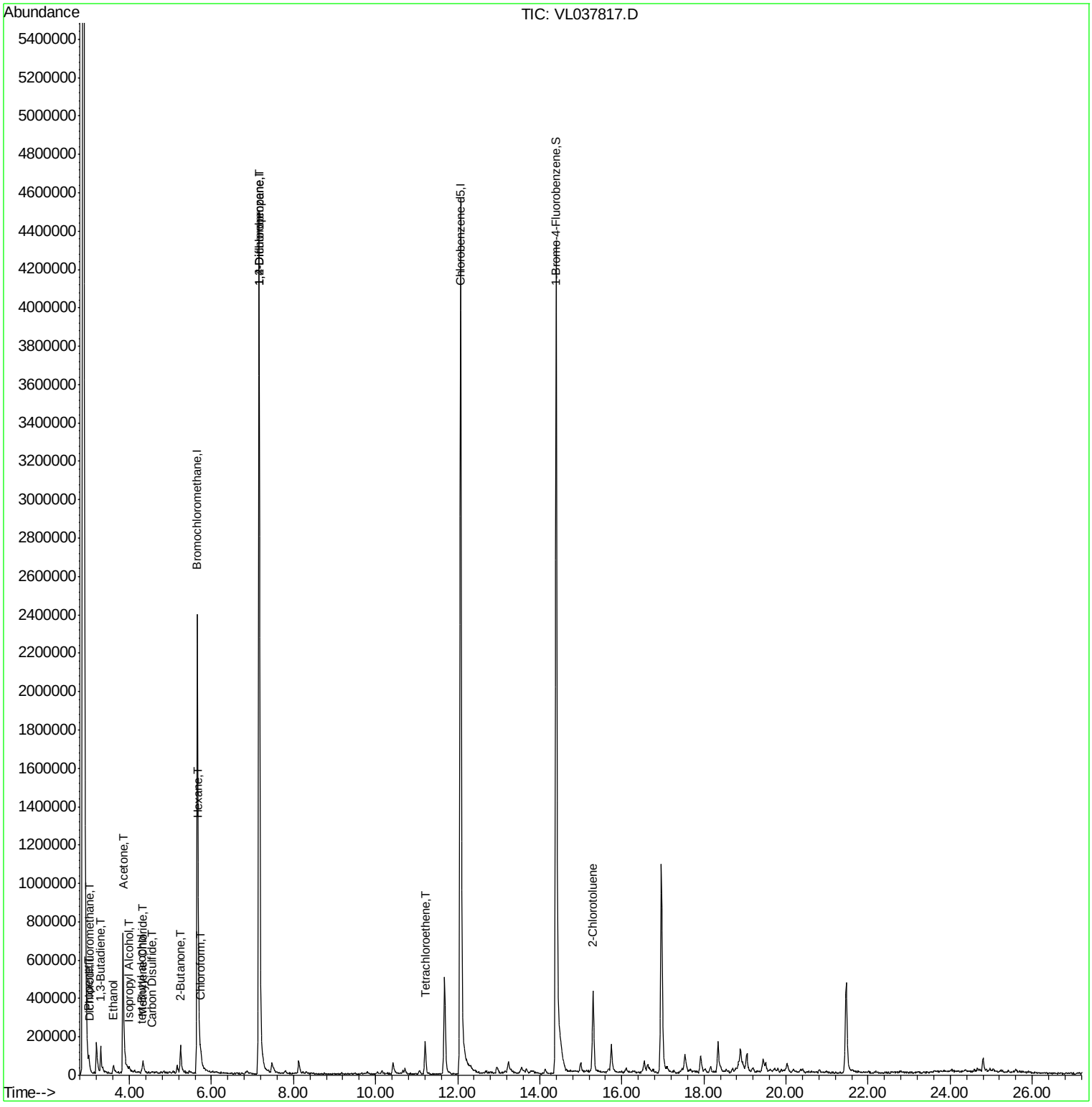
(#) = qualifier out of range (m) = manual integration (+) = signals summed

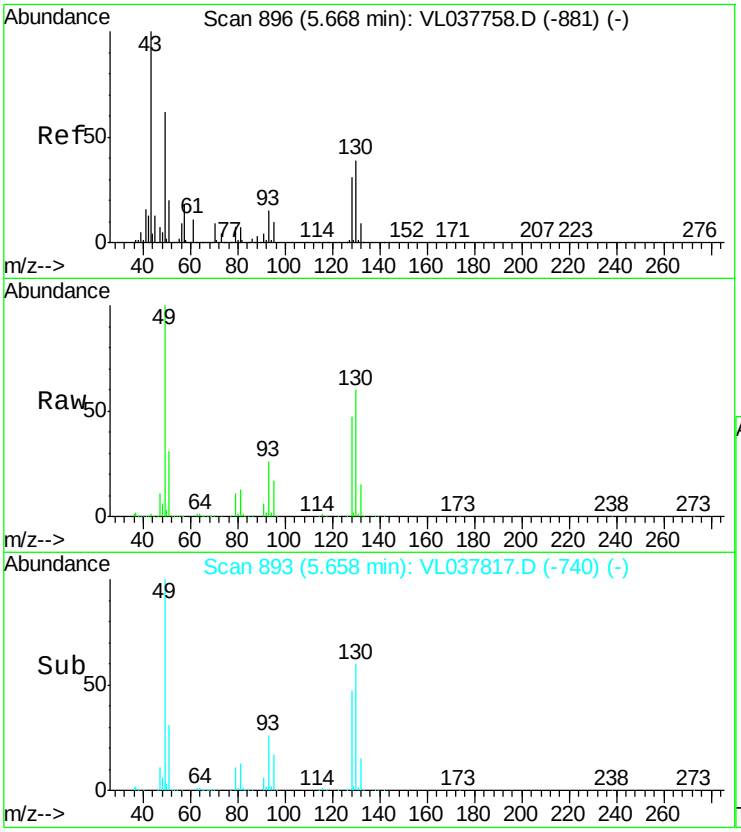
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037817.D
Acq On : 8 Oct 2021 4:55
Operator : SY/AP
Sample : M4079-11DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Quant Time: Oct 08 10:10:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration



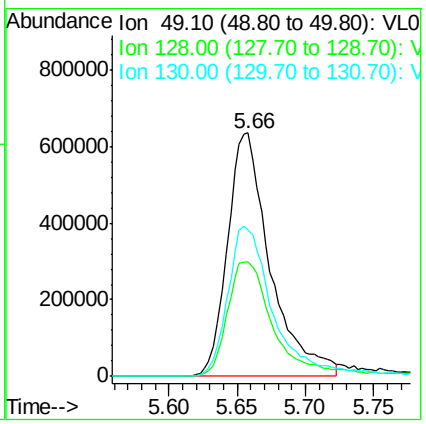


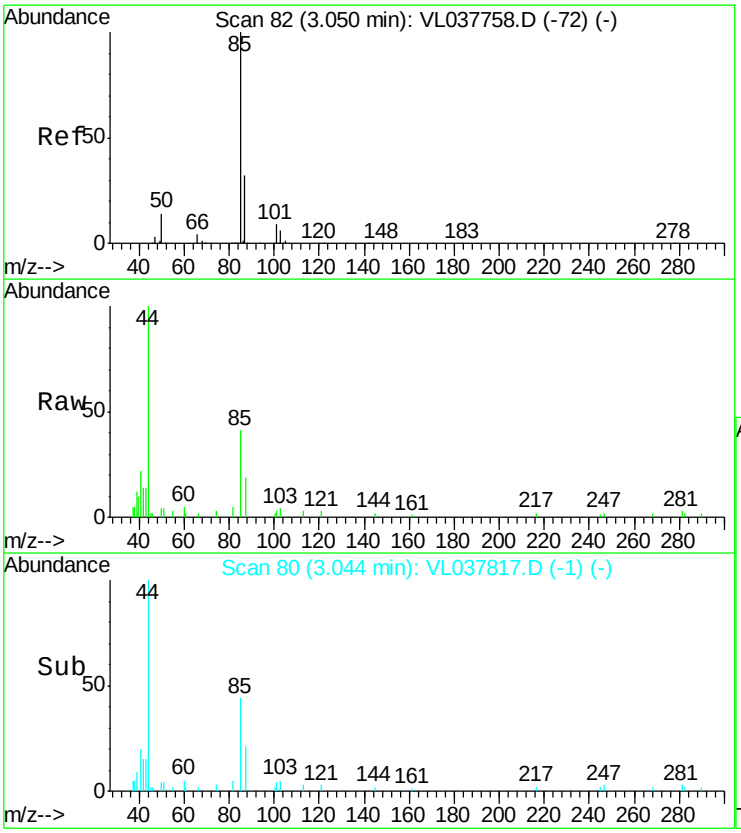
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampleId :
C0P10DL

Tgt Ion: 49 Resp: 1380922

Ion	Ratio	Lower	Upper
49	100		
128	53.1	27.1	81.3
130	66.2	33.2	99.6

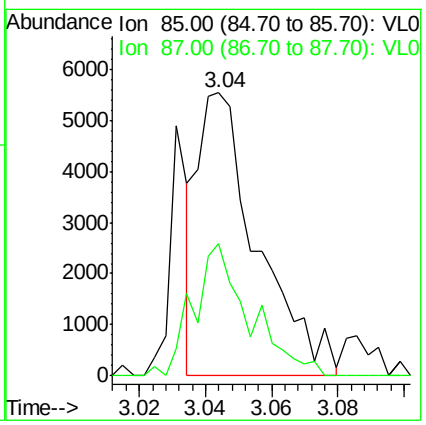


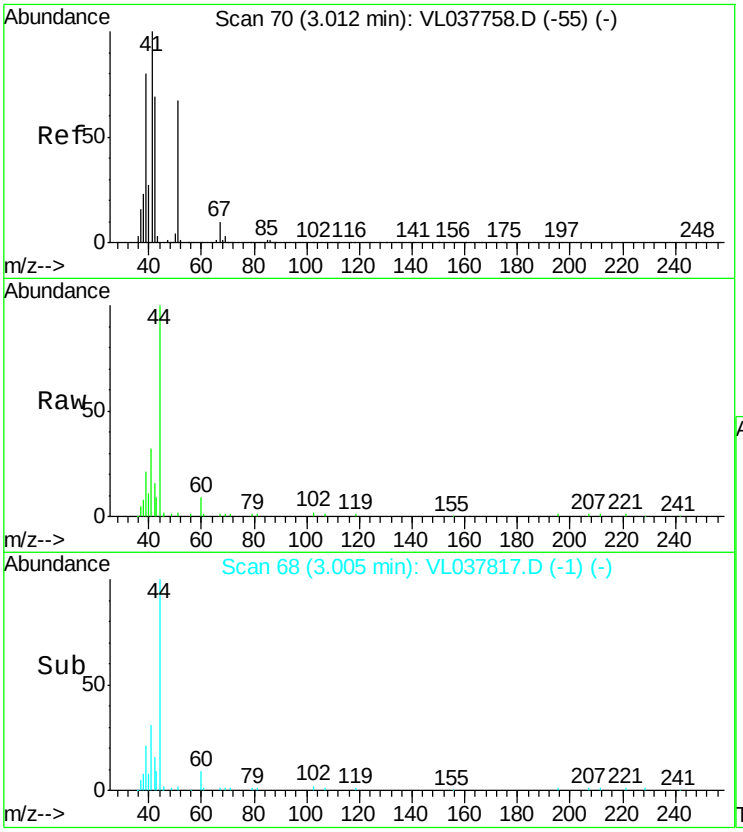


#2
Dichlorodifluoromethane
Concen: 0.031 ppbv
RT: 3.04 min Scan# 80
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 85 Resp: 6926

Ion	Ratio	Lower	Upper
85	100		
87	48.2	25.7	38.5#



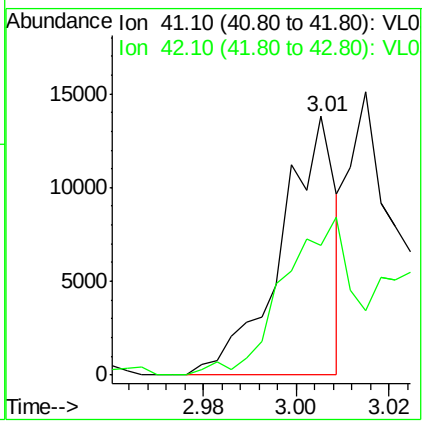


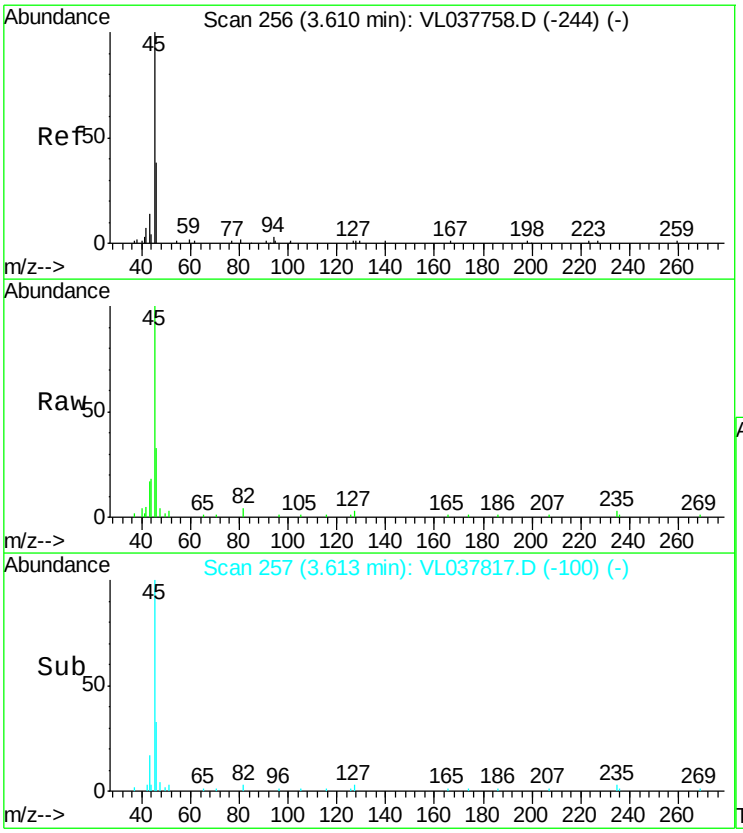
#9
Propene
Concen: 0.116 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion: 41 Resp: 11322

Ion	Ratio	Lower	Upper
41	100		
42	137.2	54.2	81.2#

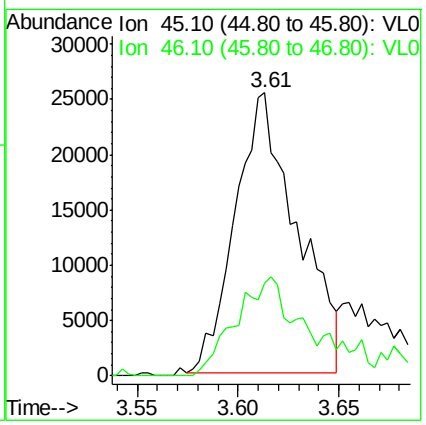


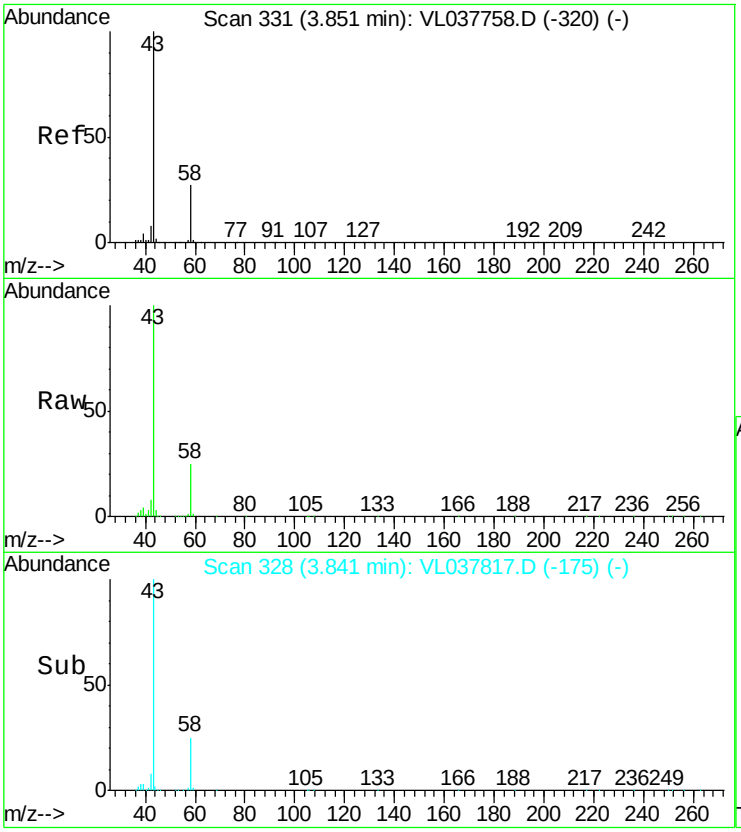


#13
Ethanol
Concen: 6.786 ppbv
RT: 3.61 min Scan# 257
Delta R.T. 0.00 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 45 Resp: 54183

Ion	Ratio	Lower	Upper
45	100		
46	48.9	20.2	81.0



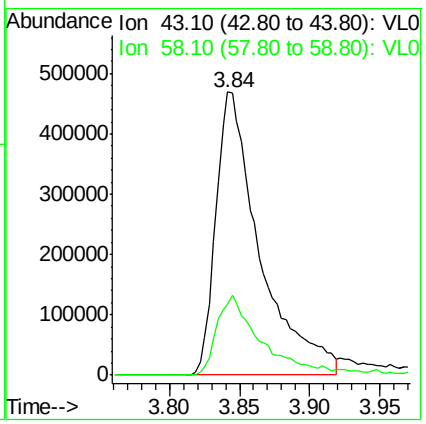


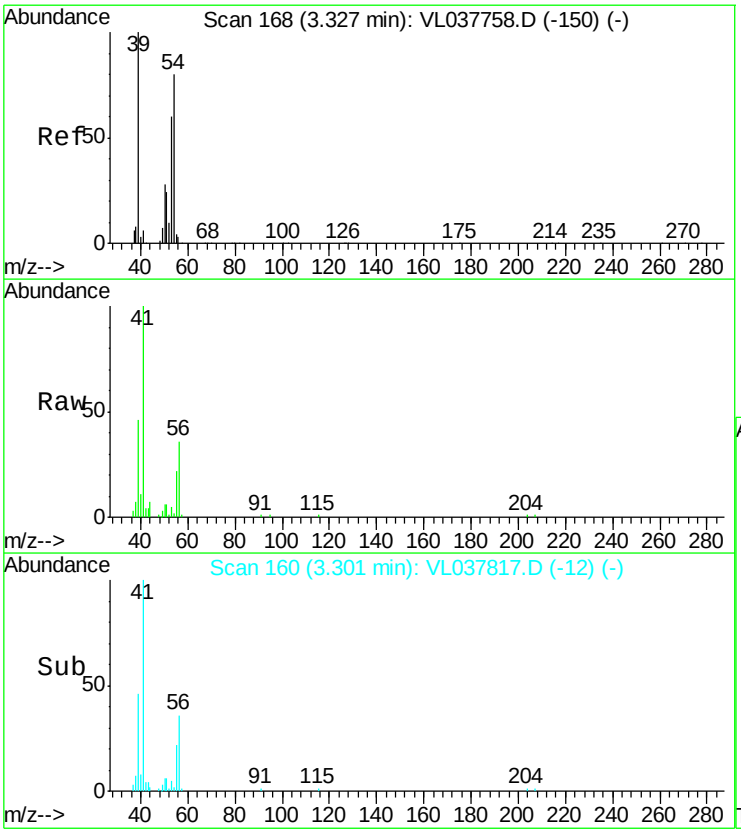
#15
Acetone
Concen: 8.196 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampleId :
C0P10DL

Tgt Ion: 43 Resp: 1015997

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.0	34.6

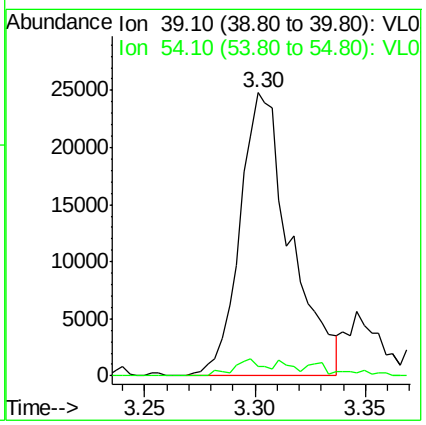


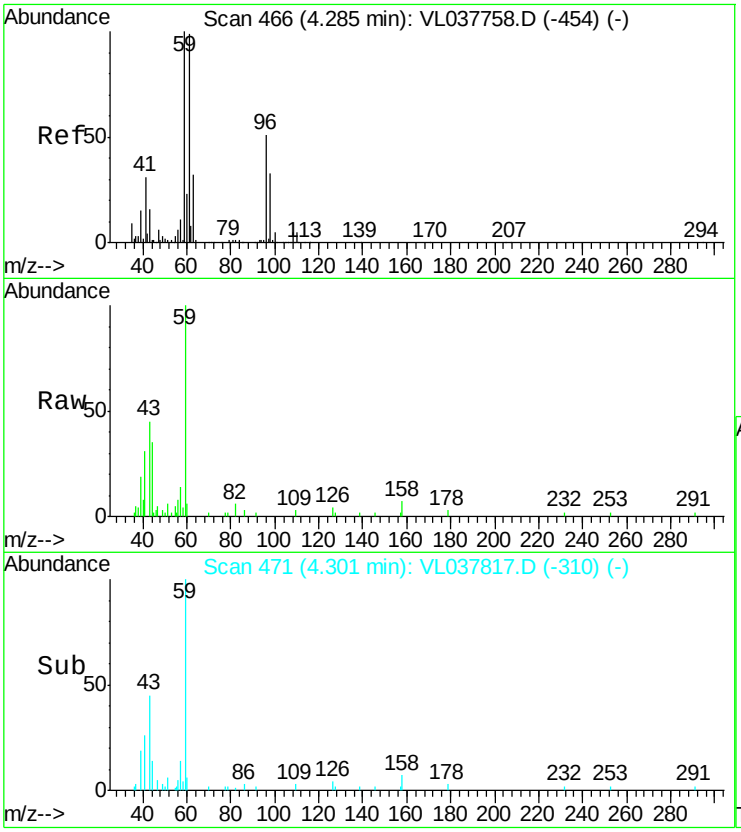


#16
1,3-Butadiene
Concen: 0.438 ppbv
RT: 3.30 min Scan# 160
Delta R.T. -0.03 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 39 Resp: 39490

Ion	Ratio	Lower	Upper
39	100		
54	8.1	61.7	92.5#



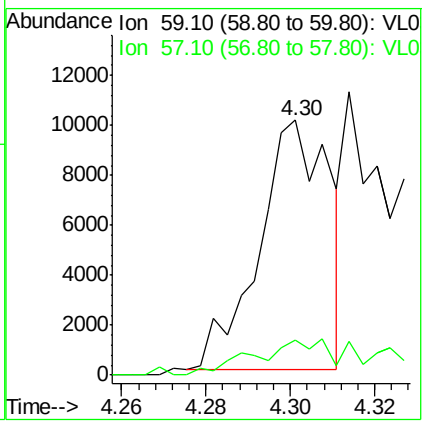


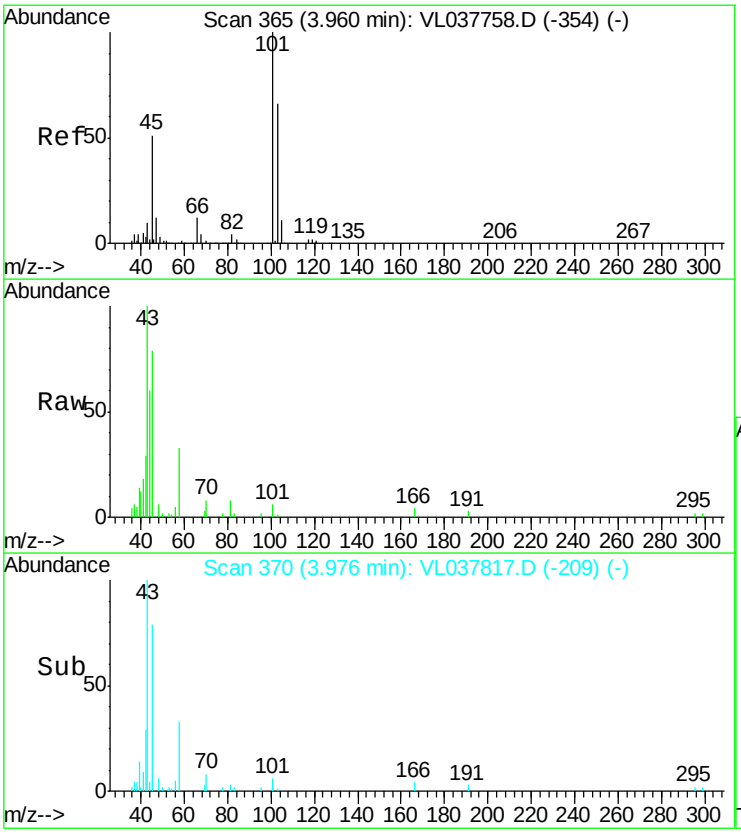
#17
tert-Butyl alcohol
Concen: 0.090 ppbv
RT: 4.30 min Scan# 471
Delta R.T. 0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion: 59 Resp: 11539

Ion	Ratio	Lower	Upper
59	100		
57	22.3	8.6	13.0#

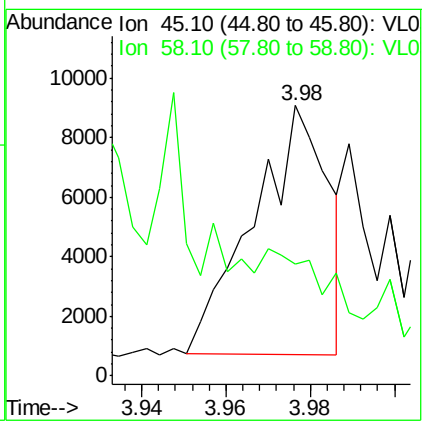


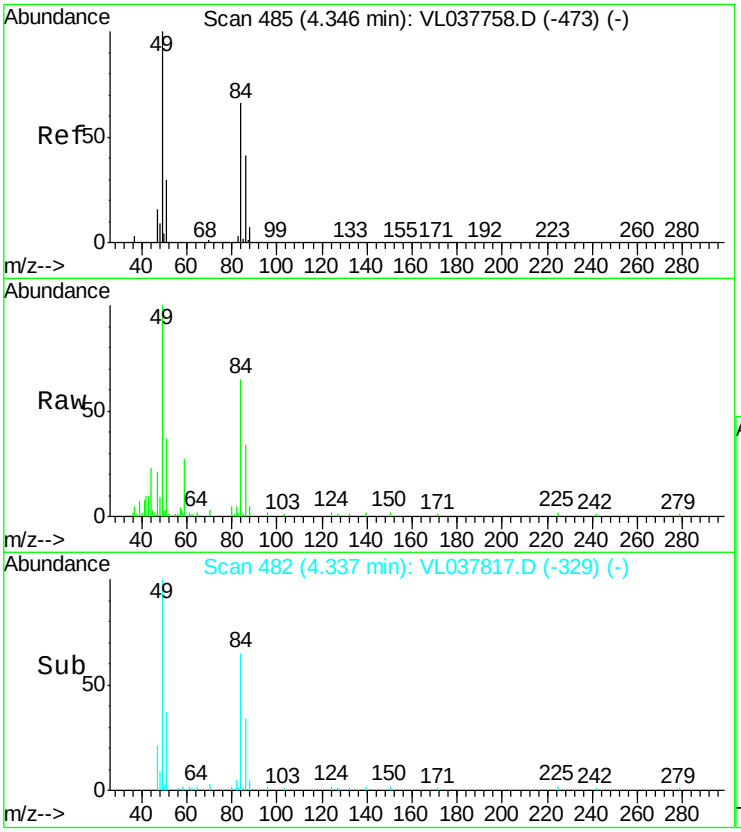


#19
Isopropyl Alcohol
Concen: 0.133 ppbv
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 45 Resp: 10249

Ion	Ratio	Lower	Upper
45	100		
58	134.3	1.1	1.7#



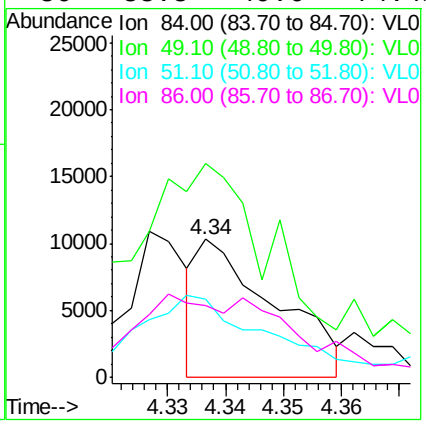


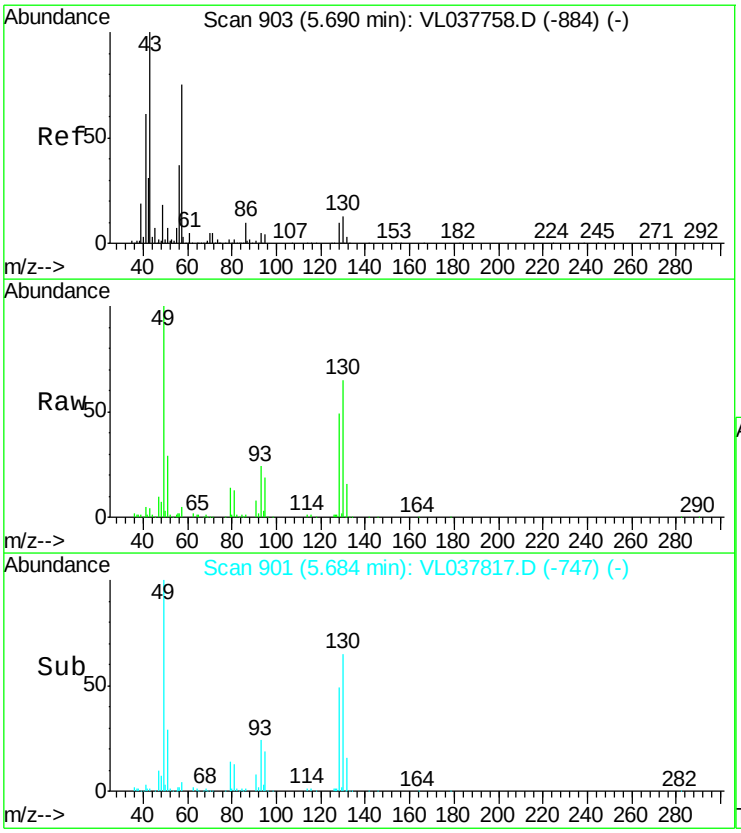
#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion: 84 Resp: 9492

Ion	Ratio	Lower	Upper
84	100		
49	153.9	120.7	181.1
51	56.2	36.2	54.4#
86	33.8	49.6	74.4#

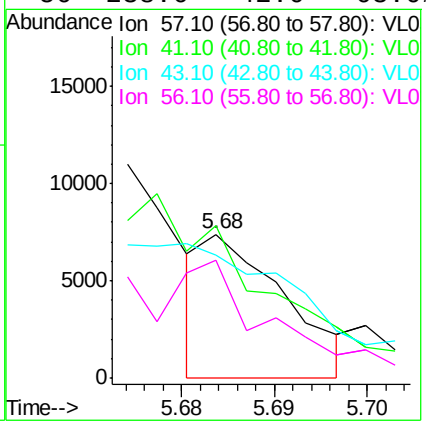


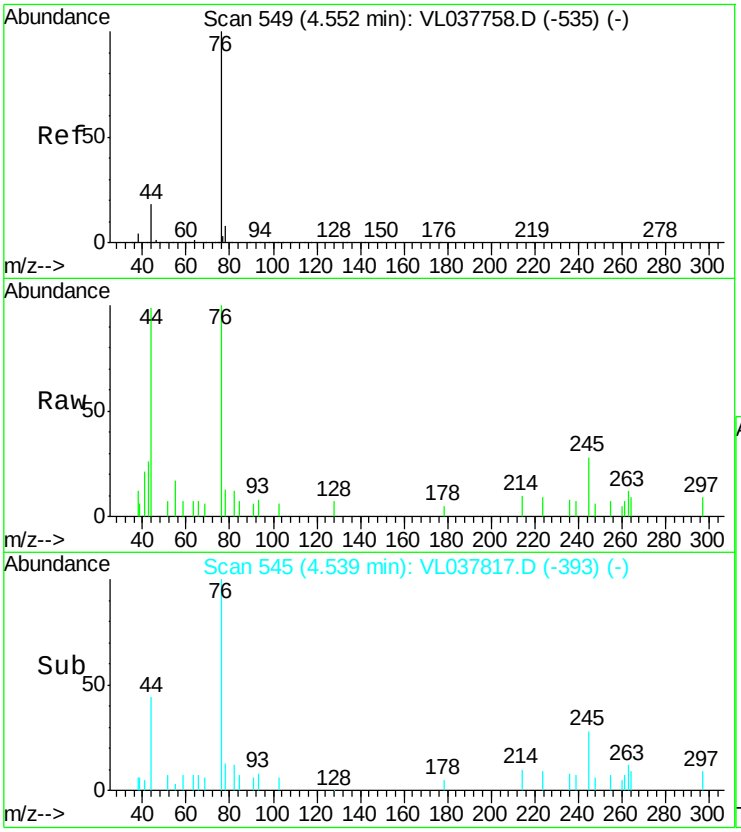


#26
Hexane
Concen: 0.026 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 57 Resp: 4483

Ion	Ratio	Lower	Upper
57	100		
41	0.0	69.6	104.4#
43	0.0	171.4	257.0#
56	238.6	42.0	63.0#



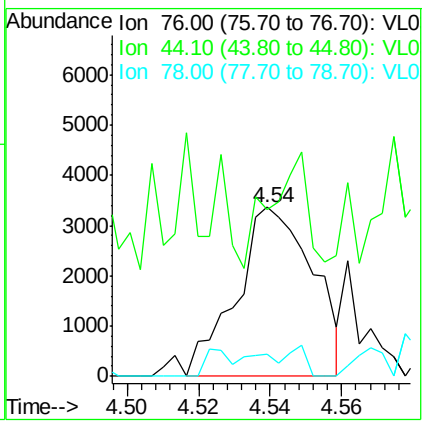


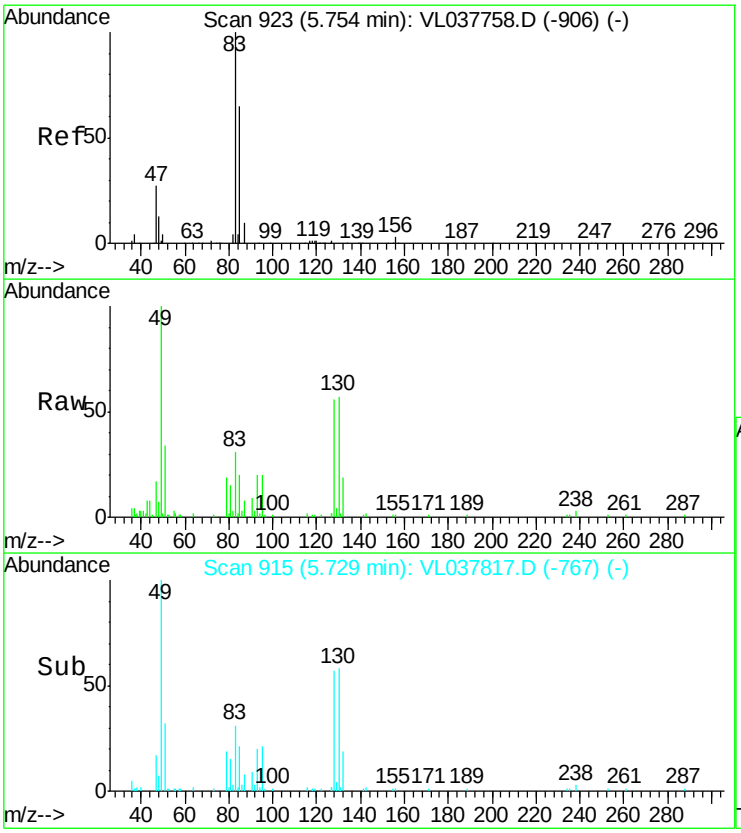
#27
Carbon Disulfide
Concen: 0.033 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion: 76 Resp: 4983

Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.3	21.5#
78	15.2	7.8	11.6#

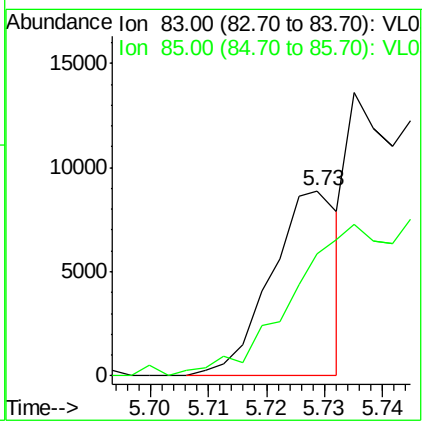


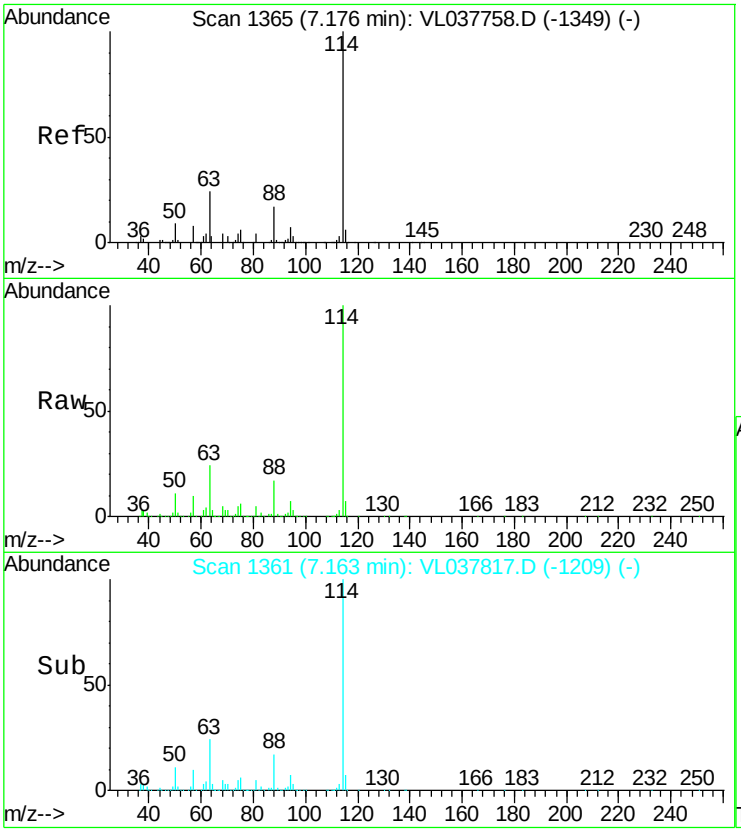


#29
Chloroform
Concen: 0.030 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.03 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 83 Resp: 7224

Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8



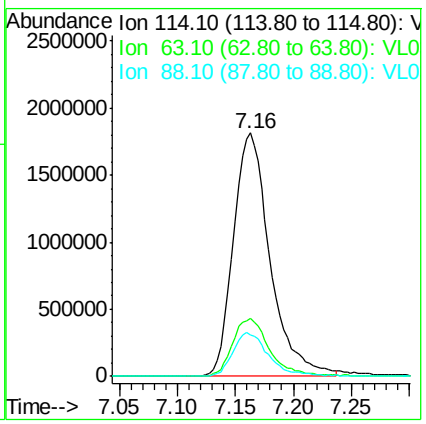


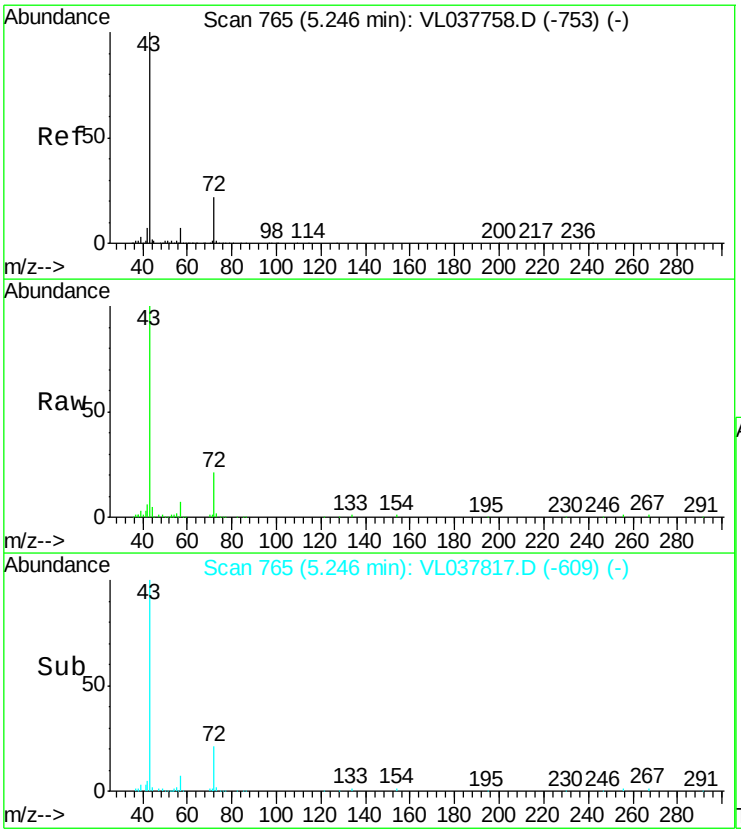
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion:114 Resp: 3987468

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	18.1	14.4	21.6

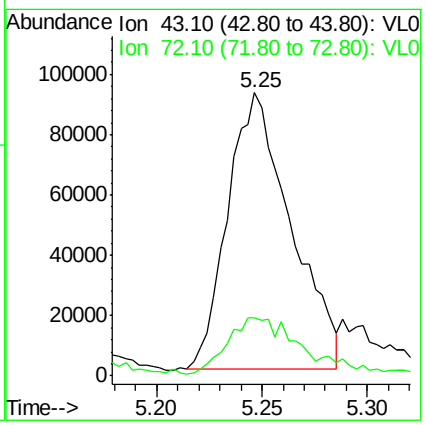


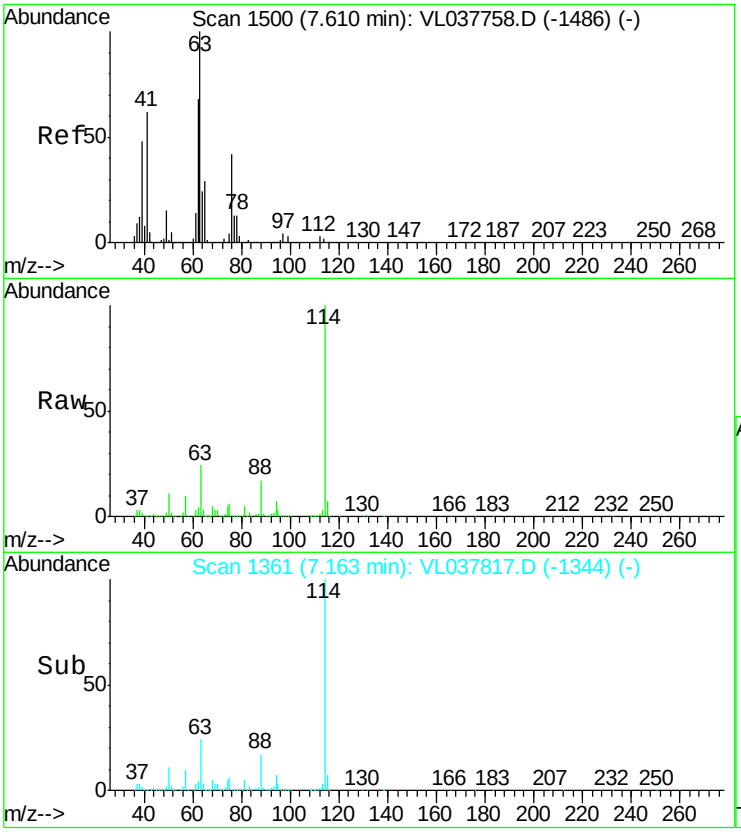


#34
2-Butanone
Concen: 1.184 ppbv
RT: 5.25 min Scan# 765
Delta R.T. 0.00 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 43 Resp: 190597

Ion	Ratio	Lower	Upper
43	100		
72	26.5	18.2	27.2



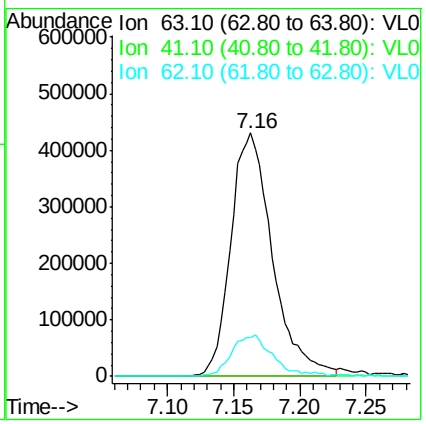


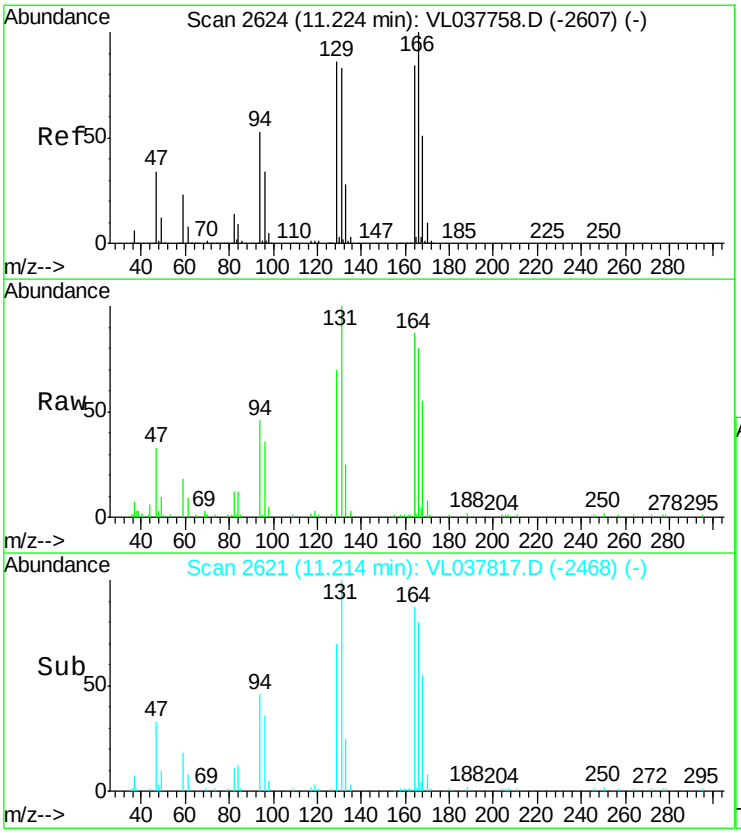
#39
1,2-Dichloropropane
Concen: 7.334 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.45 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion: 63 Resp: 939600

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.8	74.6#
62	15.7	54.6	82.0#

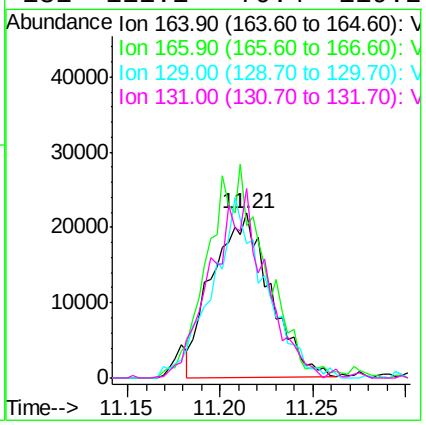


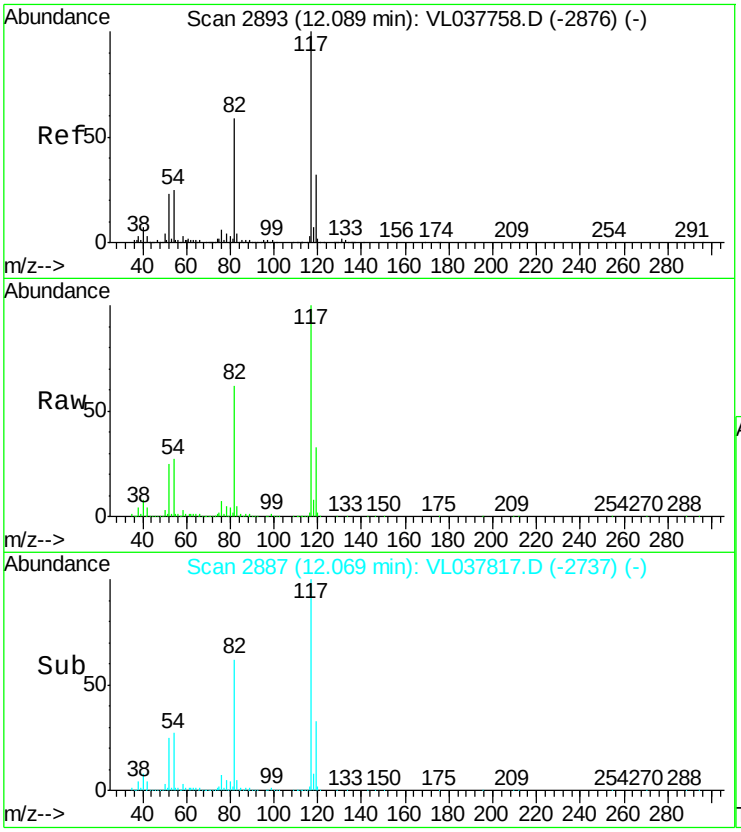


#52
Tetrachloroethene
Concen: 0.355 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion:164 Resp: 47065

Ion	Ratio	Lower	Upper
164	100		
166	89.3	95.4	143.2#
129	80.1	82.2	123.4#
131	111.1	79.4	119.2



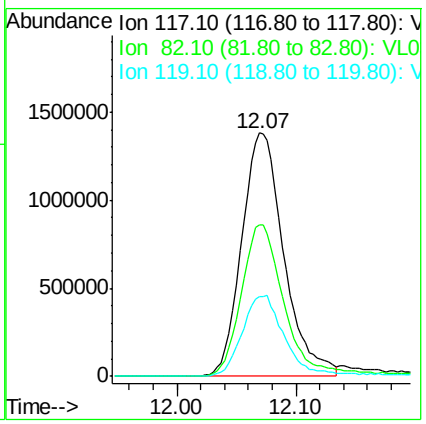


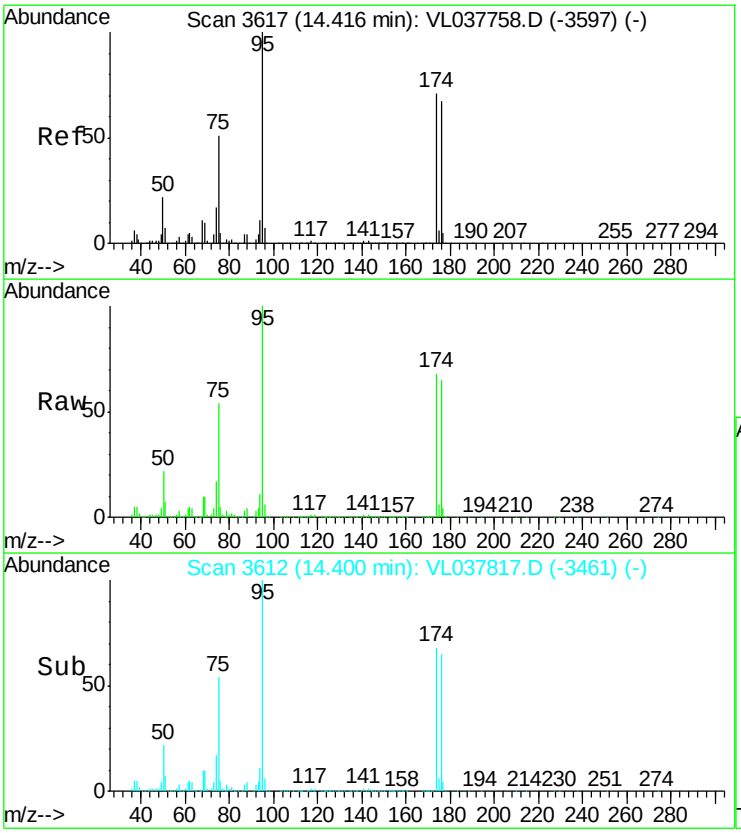
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument : MSVOA_L
ClientSampleId : C0P10DL

Tgt Ion:117 Resp: 3388256

Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.2	78.2
119	34.9	26.0	39.0

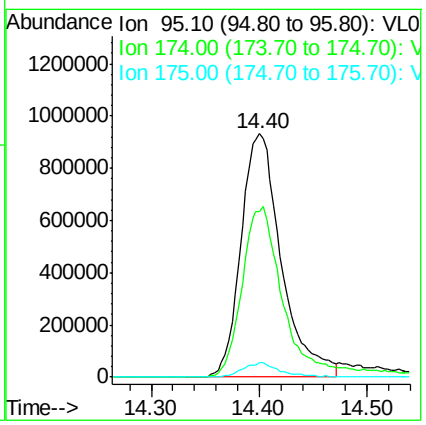


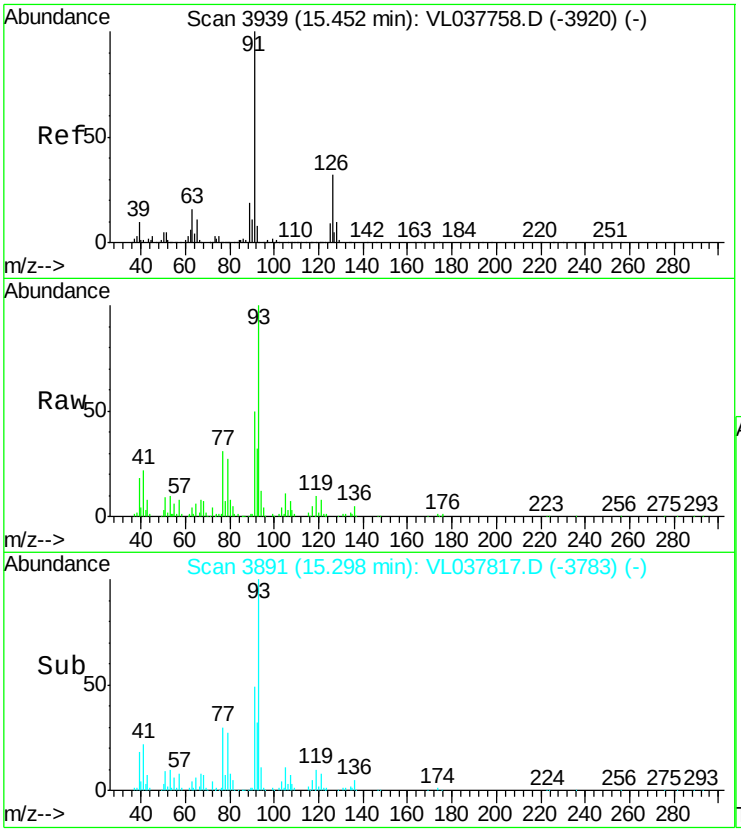


#68
1-Bromo-4-Fluorobenzene
Concen: 10.239 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Tgt Ion: 95 Resp: 2426027

Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.6
175	5.7	4.7	7.1





#71
2-Chlorotoluene
Concen: 0.280 ppbv
RT: 15.30 min Scan# 3891
Delta R.T. -0.15 min
Lab File: VL037817.D
Acq: 8 Oct 2021 4:55

Instrument :
MSVOA_L
ClientSampleId :
C0P10DL

Tgt Ion: 91 Resp: 103284

Ion	Ratio	Lower	Upper
91	100		
126	0.6	13.6	54.6#