Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037813.D
Acq On : 8 Oct 2021 2:17
Operator : SY/AP
Sample : M4079-02DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P46DL

Quant Time: Oct 08 11:19:48 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	5.65	49	1448145	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4003806	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3542616	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2393090	9.66	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.60%			
Target Compounds						Qvalue
9) Propene	3.01	41	13394	0.131	ppbv	95
11) Trichlorofluoromethane	3.94	101	82604	0.400	ppbv	98
13) Ethanol	3.59	45	1842902	220.105	ppbv	81
15) Acetone	3.84	43	226151	1.740	ppbv	95
19) Isopropyl Alcohol	3.95	45	131955	1.632	ppbv #	87
20) Methylene Chloride	4.34	84	39714	0.605	ppbv #	80
26) Hexane	5.68	57	25552m	0.142	ppbv	

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

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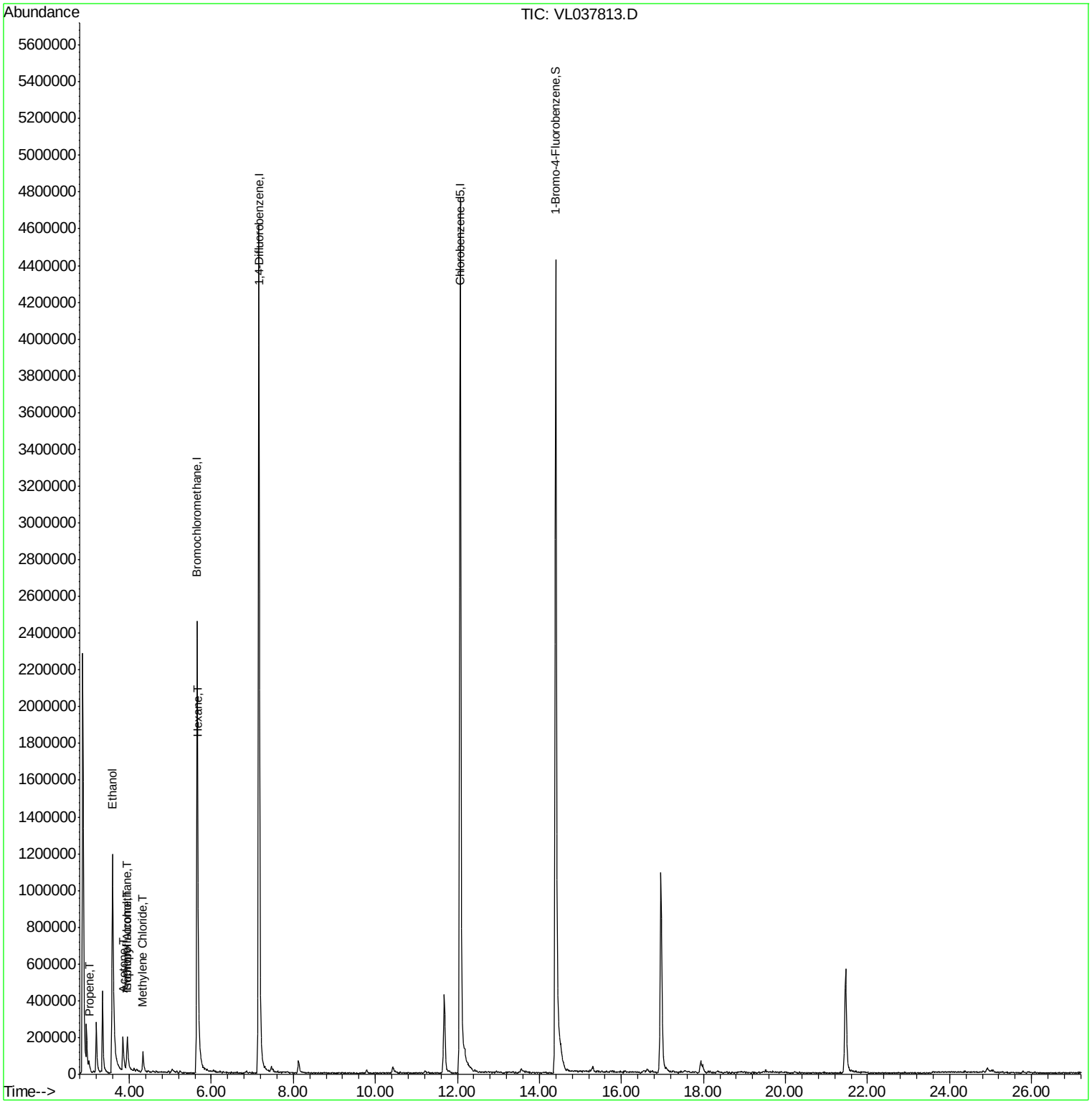
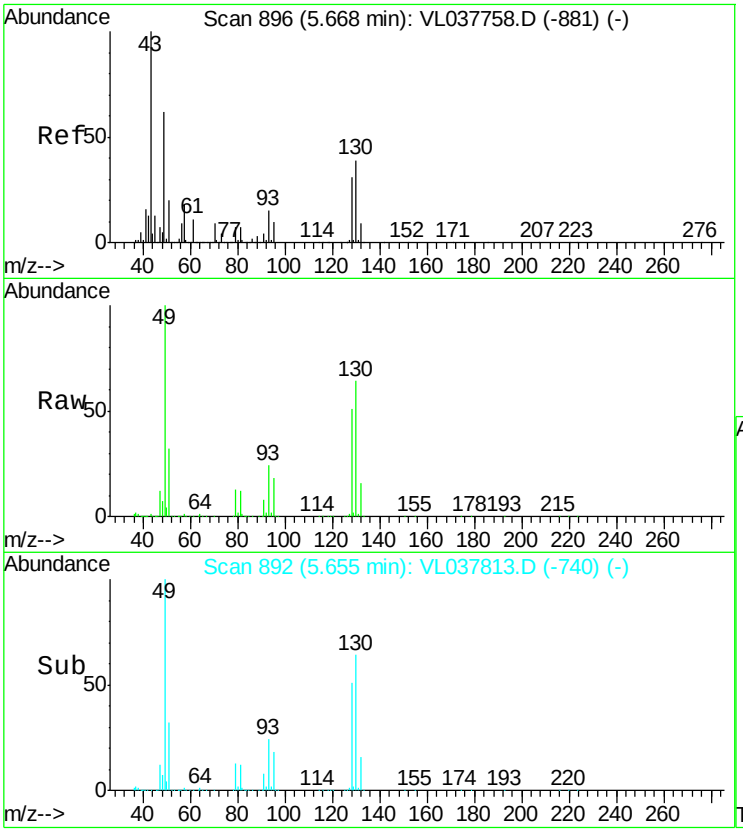


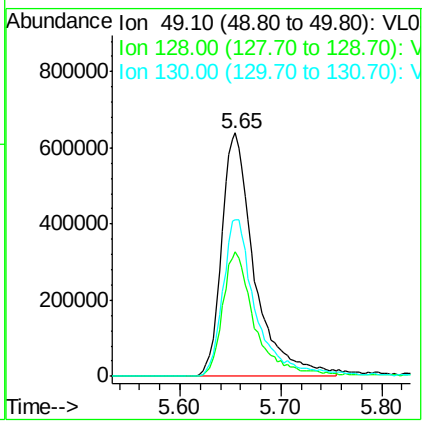


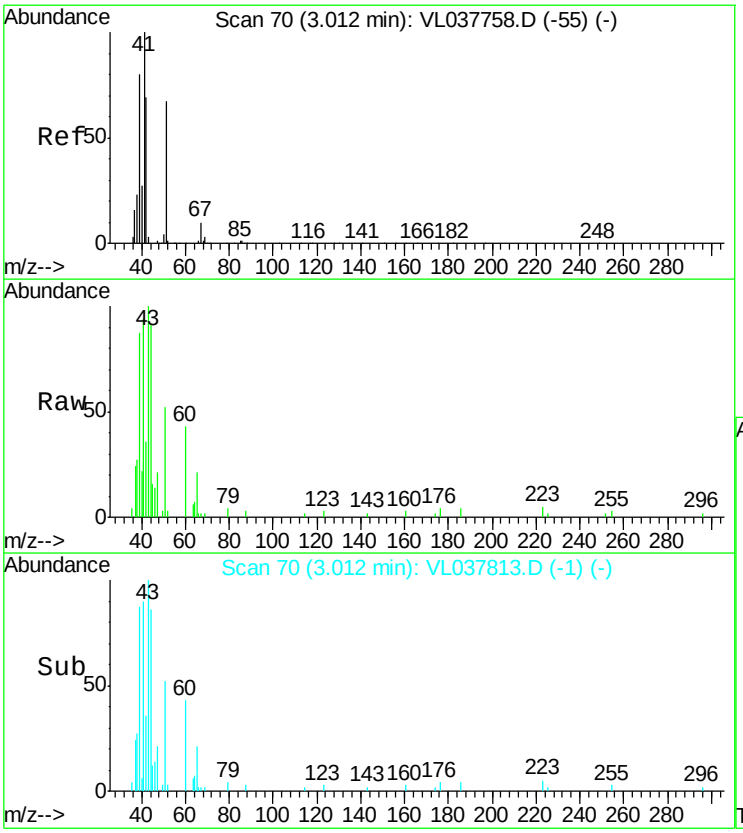
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument : MSVOA_L
ClientSampleId : C0P46DL

Tgt Ion: 49 Resp: 1448145

Ion	Ratio	Lower	Upper
49	100		
128	51.3	27.1	81.3
130	66.7	33.2	99.6

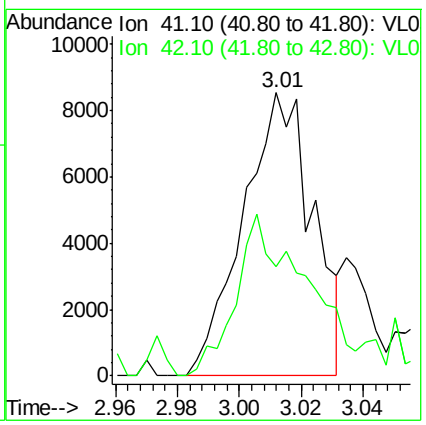


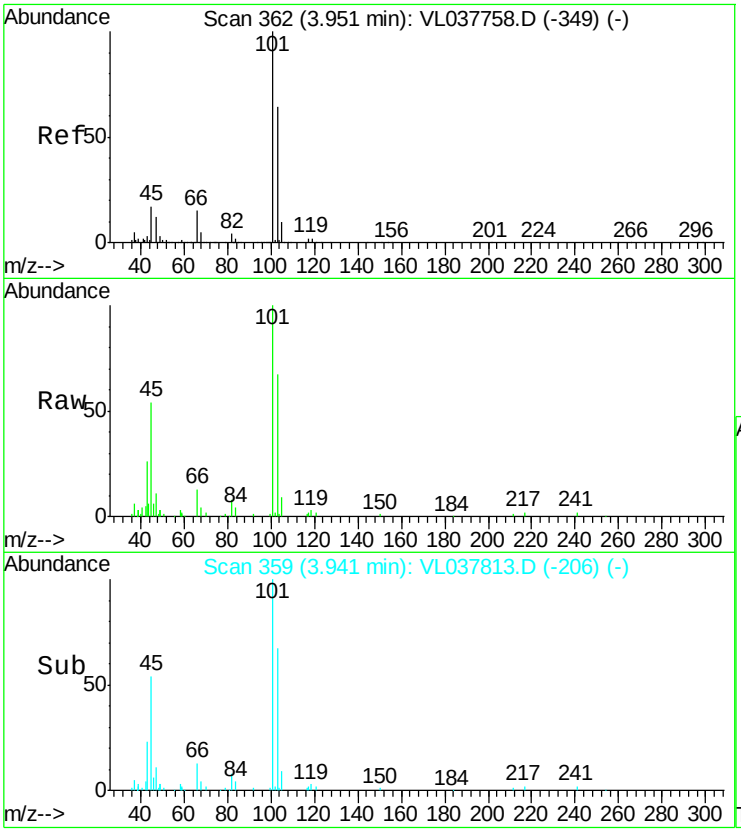


#9
Propene
Concen: 0.131 ppbv
RT: 3.01 min Scan# 70
Delta R.T. 0.00 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Tgt Ion: 41 Resp: 13394

Ion	Ratio	Lower	Upper
41	100		
42	71.9	54.2	81.2



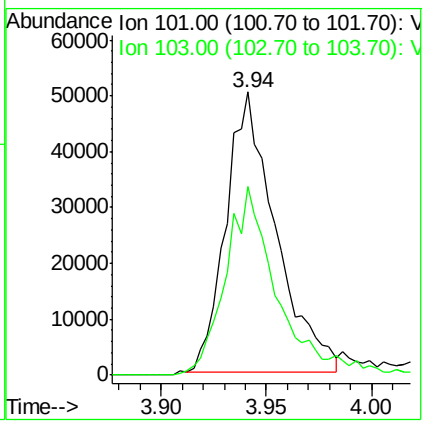


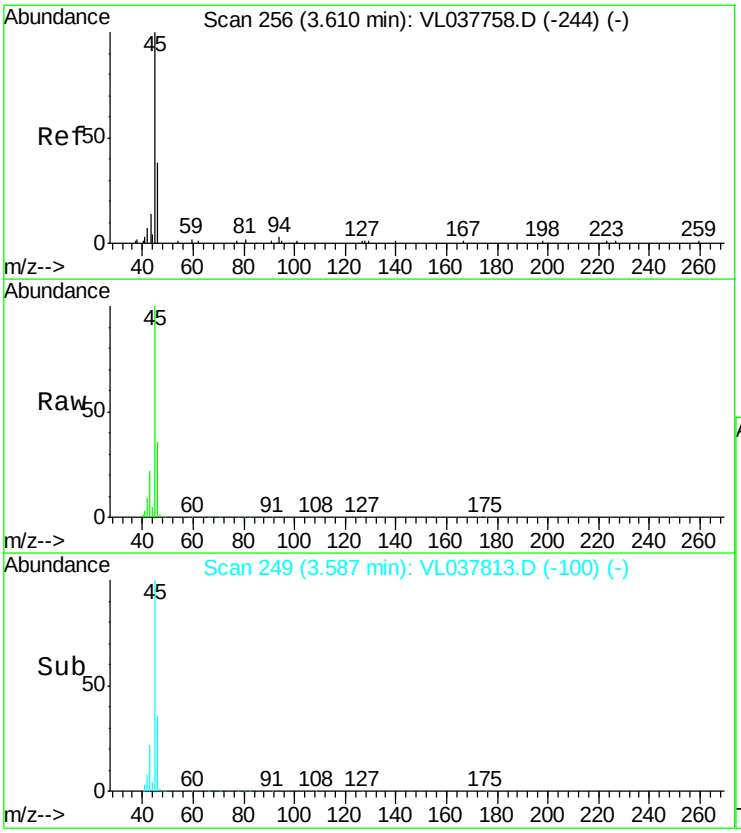
#11
Trichlorofluoromethane
Concen: 0.400 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument : MSVOA_L
ClientSampleId : C0P46DL

Tgt Ion:101 Resp: 82604

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

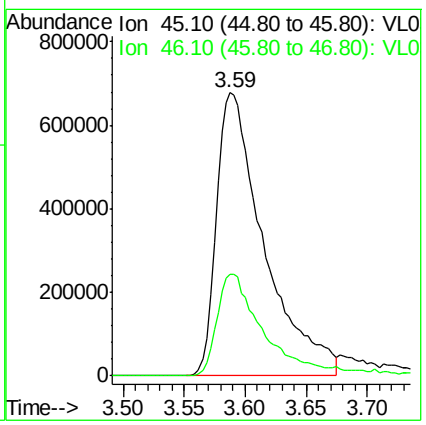


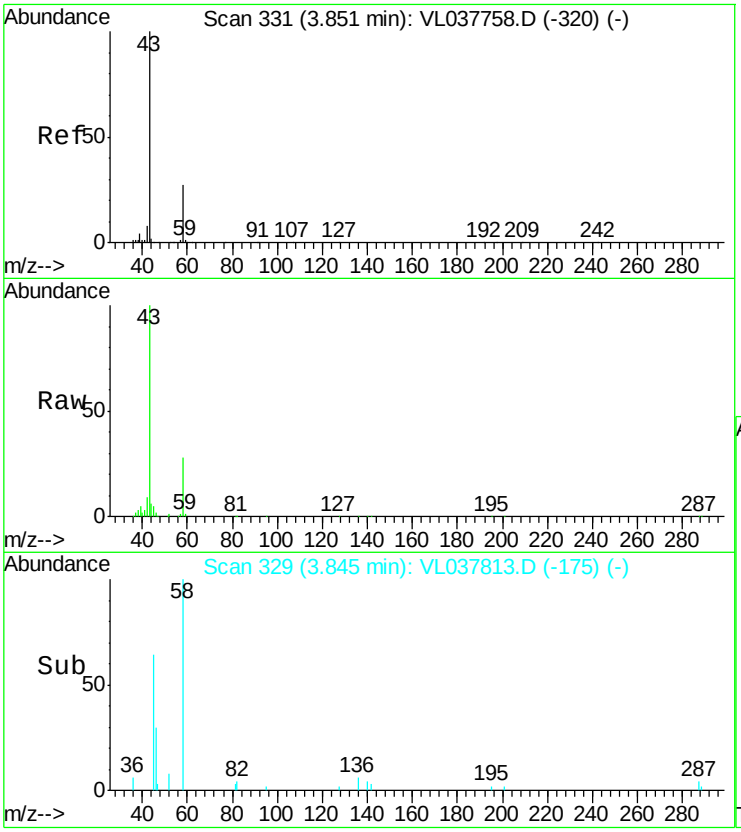


#13
Ethanol
Concen: 220.105 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Tgt Ion: 45 Resp: 1842902

Ion	Ratio	Lower	Upper
45	100		
46	37.5	20.2	81.0



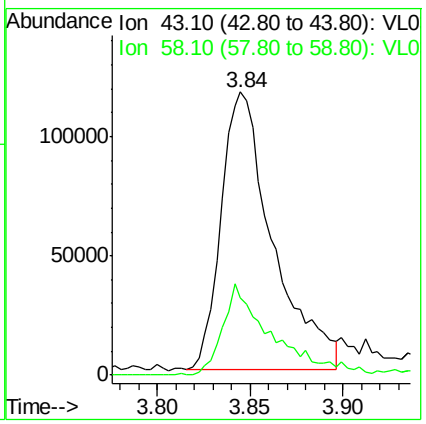


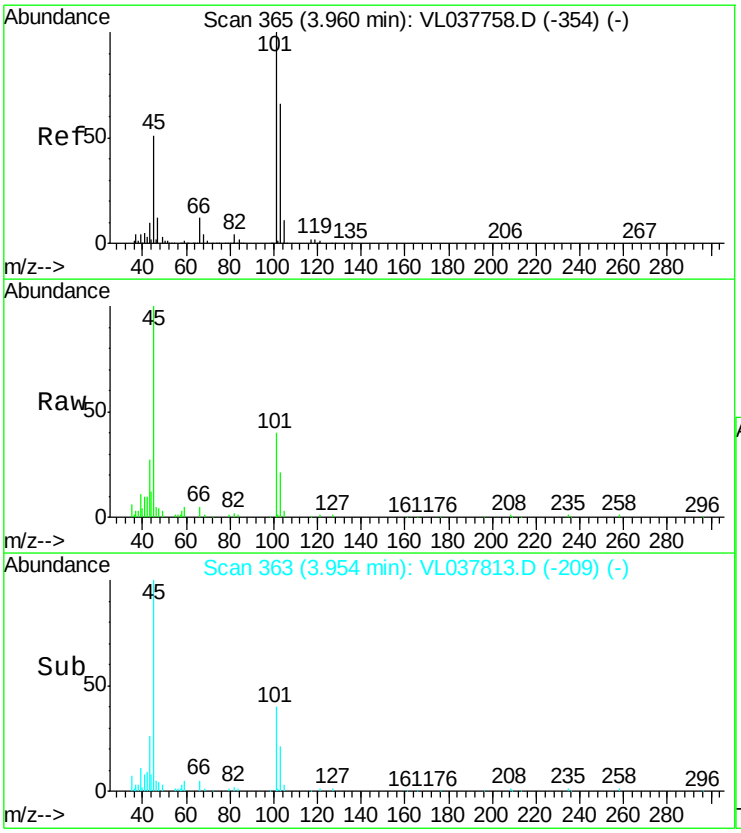
#15
Acetone
Concen: 1.740 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument : MSVOA_L
ClientSampleId : C0P46DL

Tgt Ion: 43 Resp: 226151

Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.0	34.6

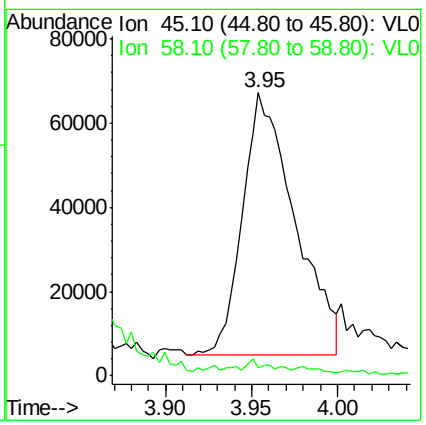


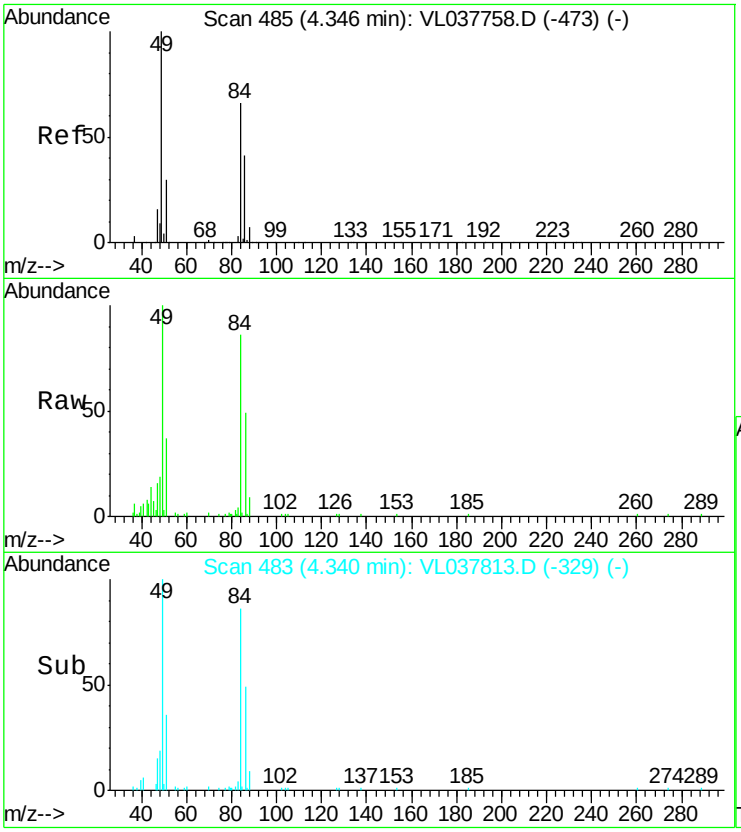


#19
Isopropyl Alcohol
Concen: 1.632 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Tgt Ion: 45 Resp: 131955

Ion	Ratio	Lower	Upper
45	100		
58	6.6	1.1	1.7#



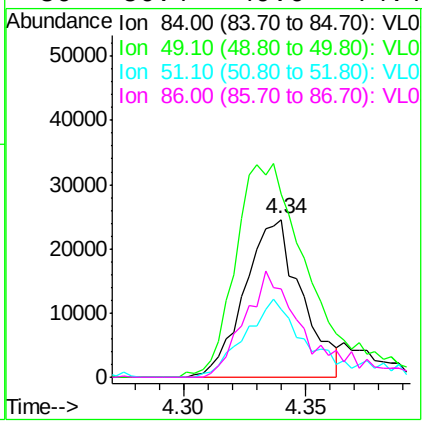


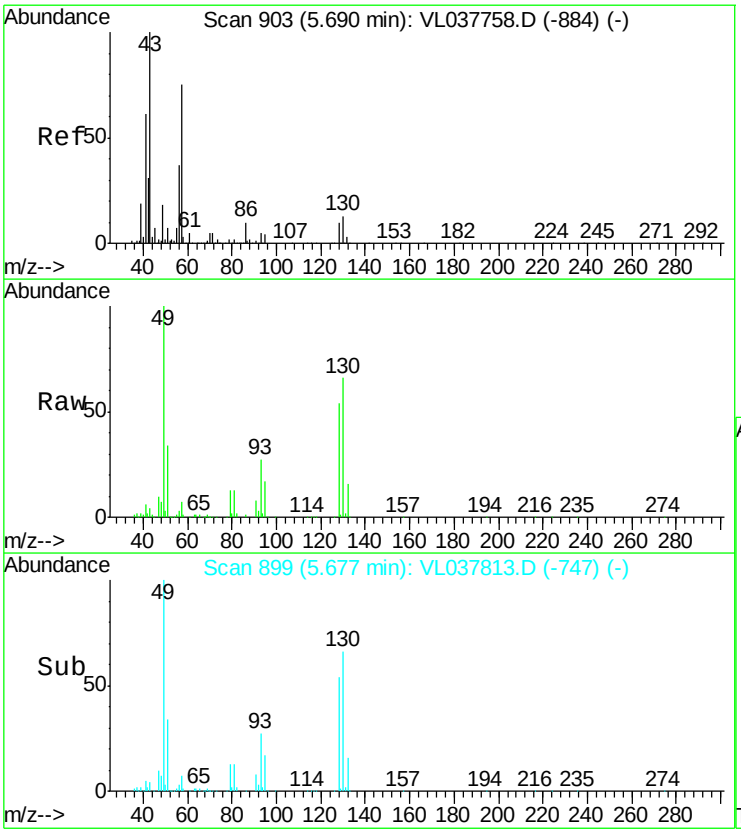
#20
Methylene Chloride
Concen: 0.605 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument : MSVOA_L
ClientSampleId : C0P46DL

Tgt Ion: 84 Resp: 39714

Ion	Ratio	Lower	Upper
84	100		
49	112.6	120.7	181.1#
51	42.8	36.2	54.4
86	56.4	49.6	74.4

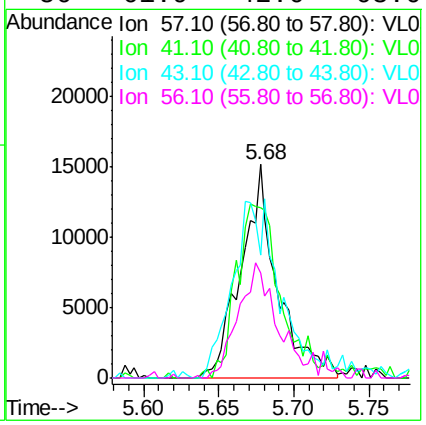


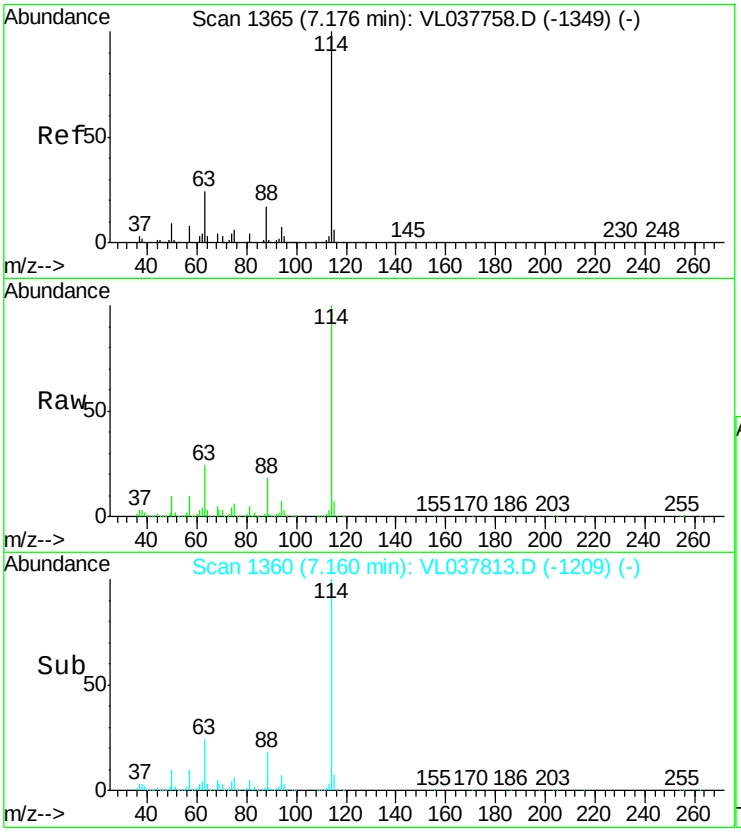


#26
Hexane
Concen: 0.142 ppbv m
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Tgt Ion: 57 Resp: 25552

Ion	Ratio	Lower	Upper
57	100		
41	99.9	69.6	104.4
43	107.8	171.4	257.0#
56	61.9	42.0	63.0



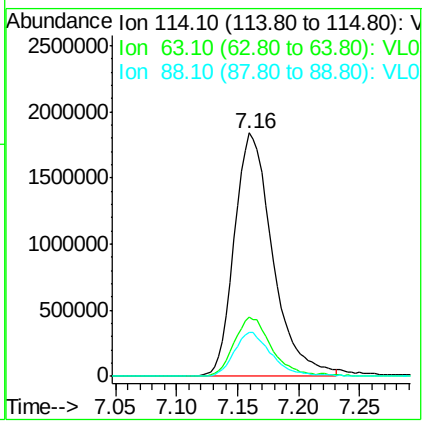


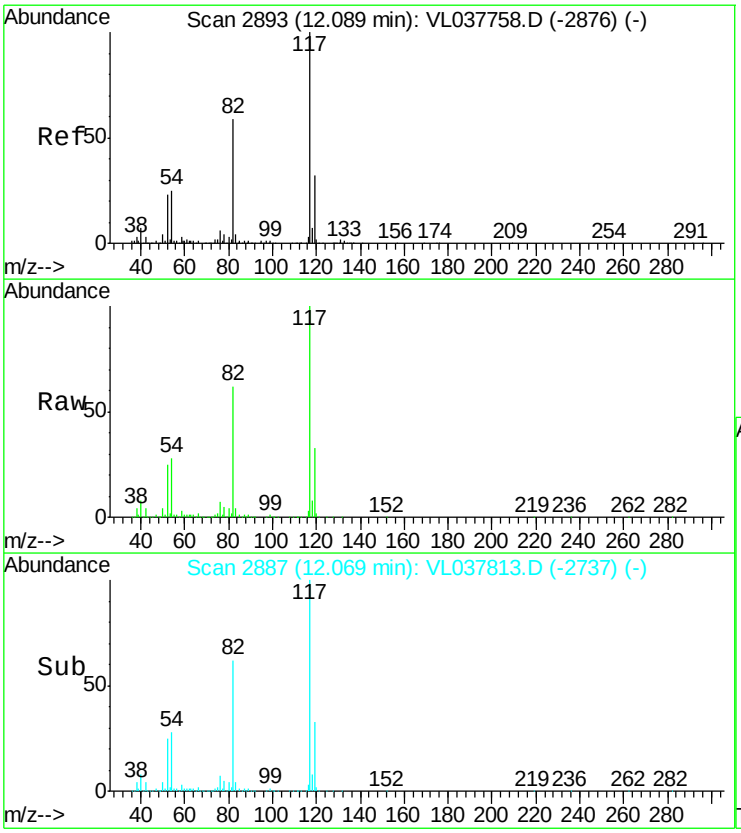
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument :
MSVOA_L
ClientSampleId :
C0P46DL

Tgt Ion:114 Resp: 4003806

Ion	Ratio	Lower	Upper
114	100		
63	24.7	19.4	29.2
88	18.1	14.4	21.6

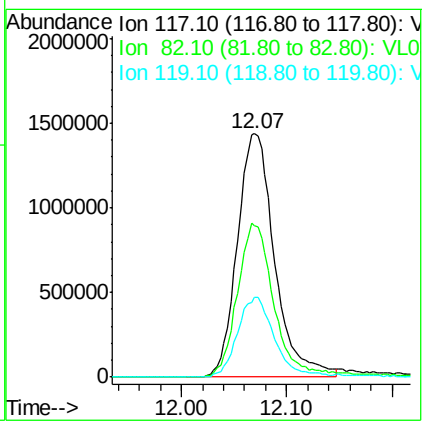


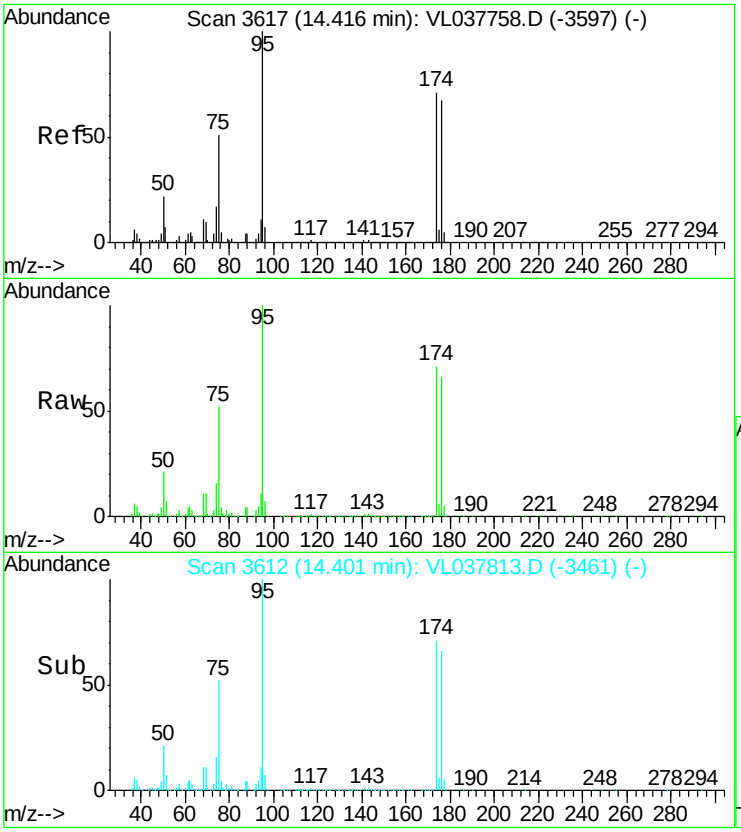


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Tgt Ion:117 Resp: 3542616

Ion	Ratio	Lower	Upper
117	100		
82	64.4	52.2	78.2
119	33.6	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.660 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL037813.D
Acq: 8 Oct 2021 2:17

Instrument :
MSVOA_L
ClientSampleId :
C0P46DL

Tgt Ion: 95 Resp: 2393090

Ion	Ratio	Lower	Upper
95	100		
174	76.6	57.8	86.6
175	5.8	4.7	7.1