Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037815.D
Acq On : 8 Oct 2021 3:36
Operator : SY/AP
Sample : M4079-15DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P02DL

Quant Time: Oct 08 10:09:19 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	1384479	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4037944	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	3393746	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2437515	10.27	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	6043	0.027	ppbv	94
3) Chlorodifluoromethane	2.98	51	7023	0.026	ppbv	98
13) Ethanol	3.60	45	1623	0.203	ppbv #	27
15) Acetone	3.86	43	22691	0.183	ppbv #	46
20) Methylene Chloride	4.33	84	7629	0.121	ppbv #	64
26) Hexane	5.68	57	4391	0.026	ppbv #	26
39) 1,2-Dichloropropane	7.16	63	938676	7.236	ppbv #	28
52) Tetrachloroethene	11.21	164	3774	0.028	ppbv	91

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

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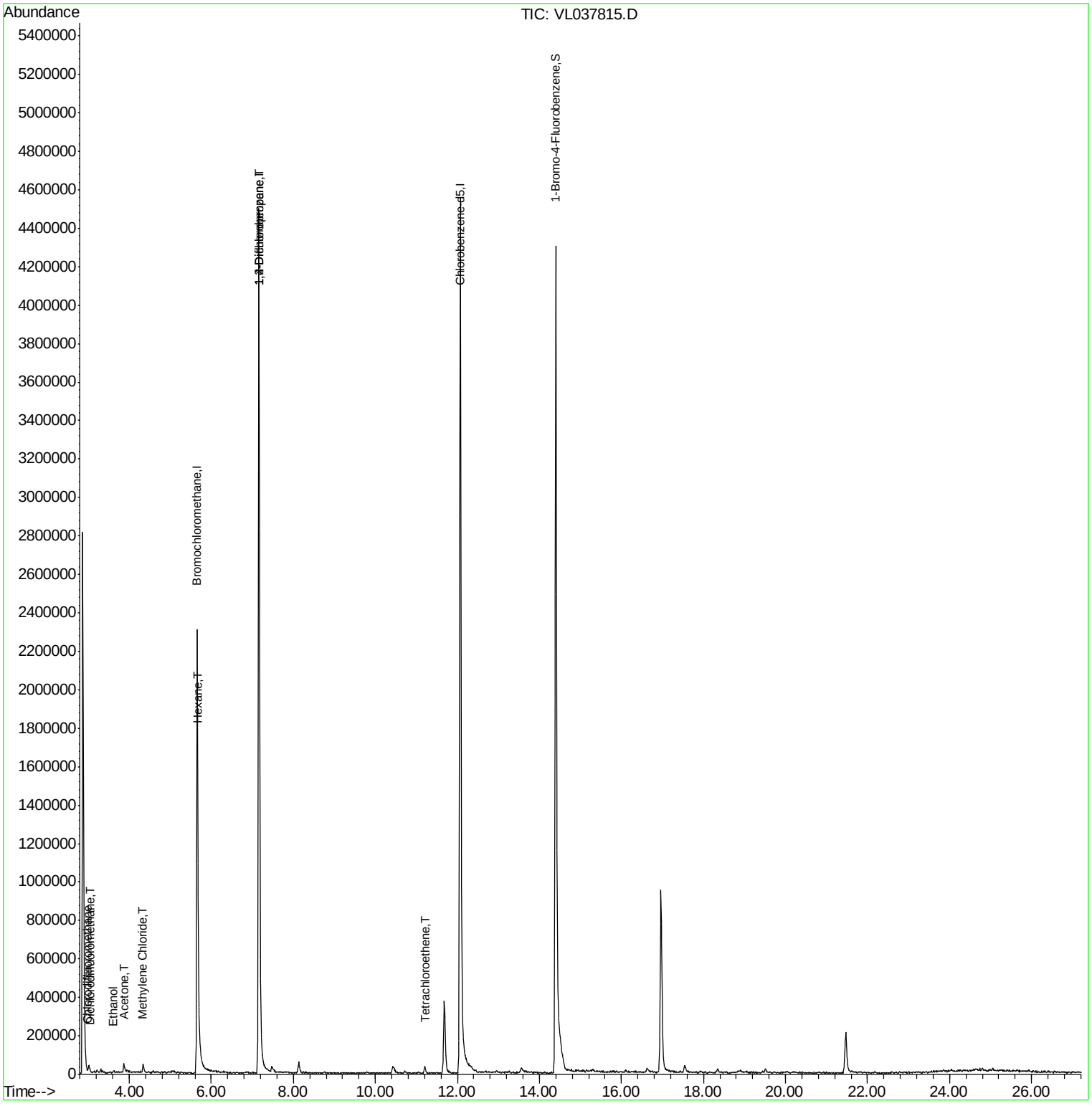
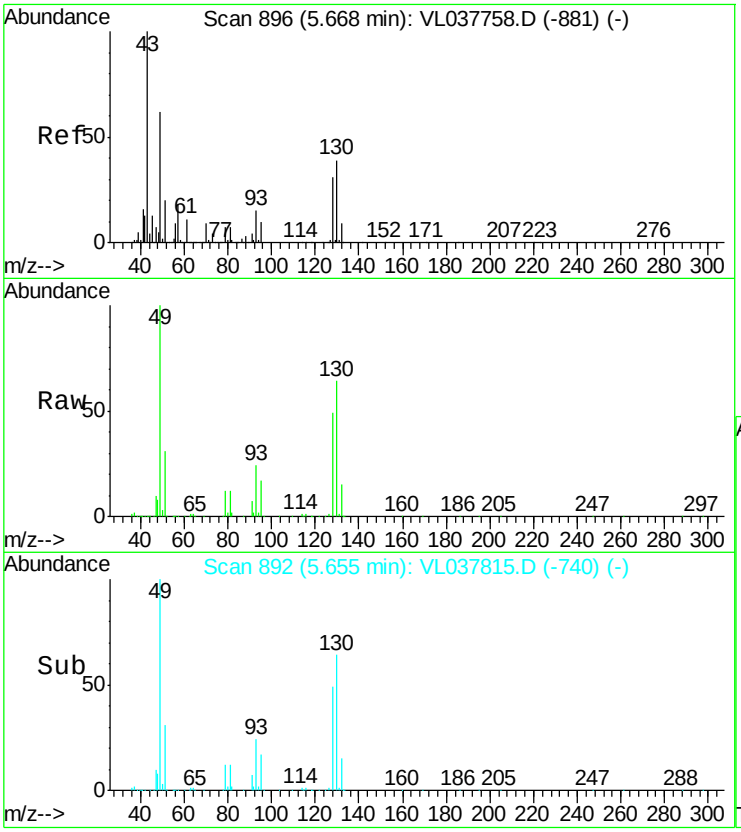


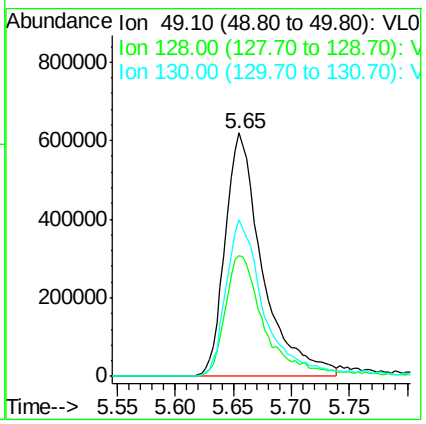


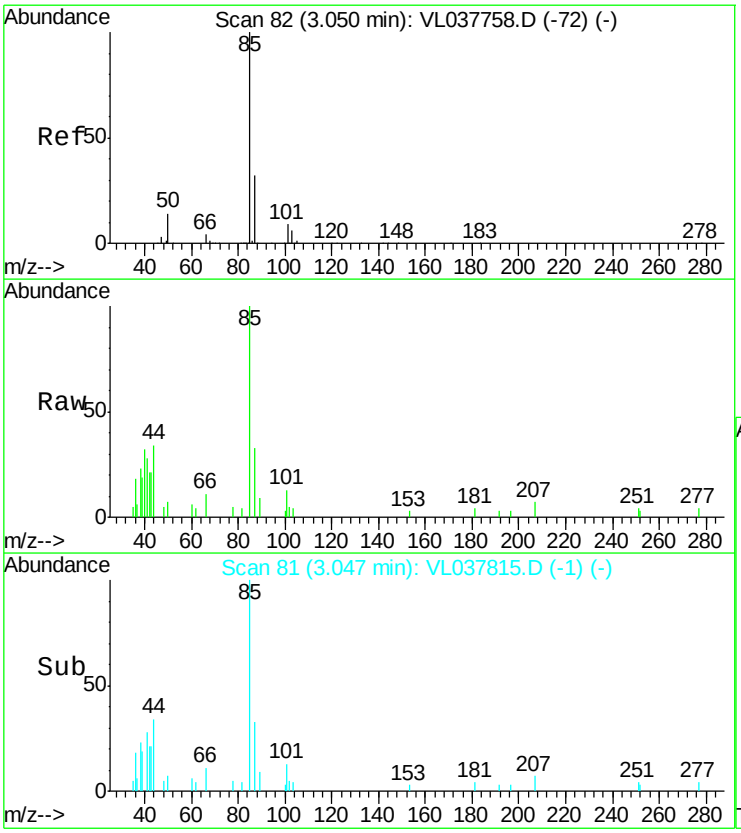
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument :
MSVOA_L
ClientSampleId :
C0P02DL

Tgt Ion: 49 Resp: 1384479

Ion	Ratio	Lower	Upper
49	100		
128	52.8	27.1	81.3
130	67.5	33.2	99.6

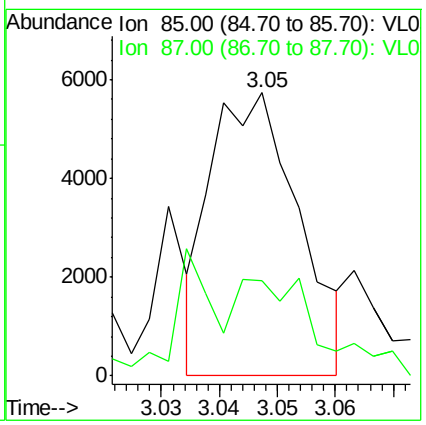


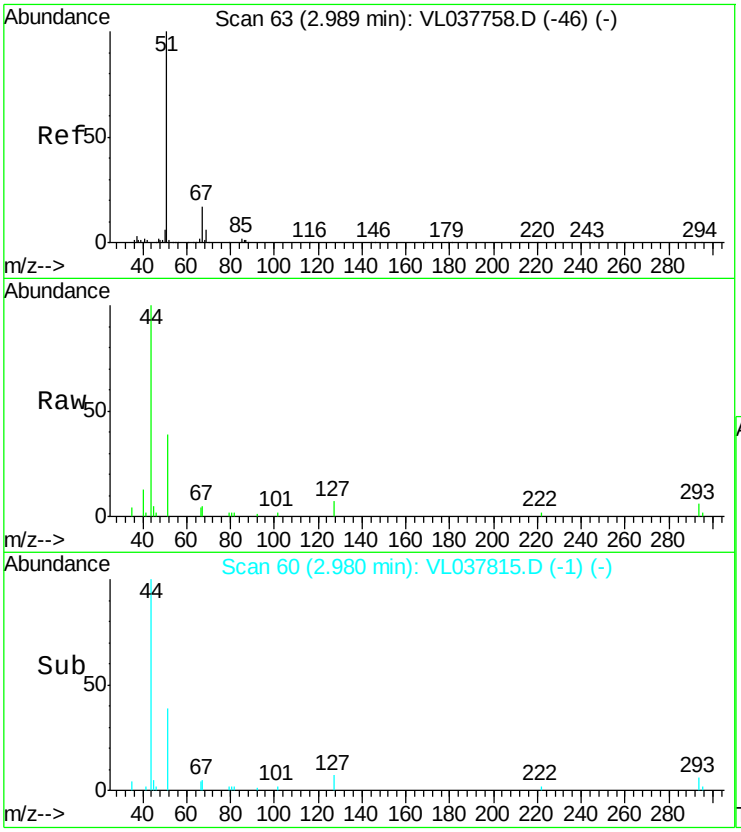


#2
Dichlorodifluoromethane
Concen: 0.027 ppbv
RT: 3.05 min Scan# 81
Delta R.T. -0.00 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 85 Resp: 6043

Ion	Ratio	Lower	Upper
85	100		
87	35.2	25.7	38.5



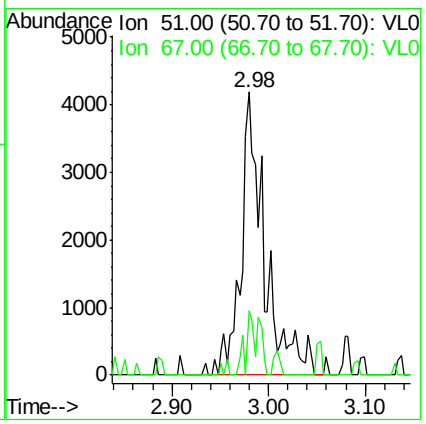


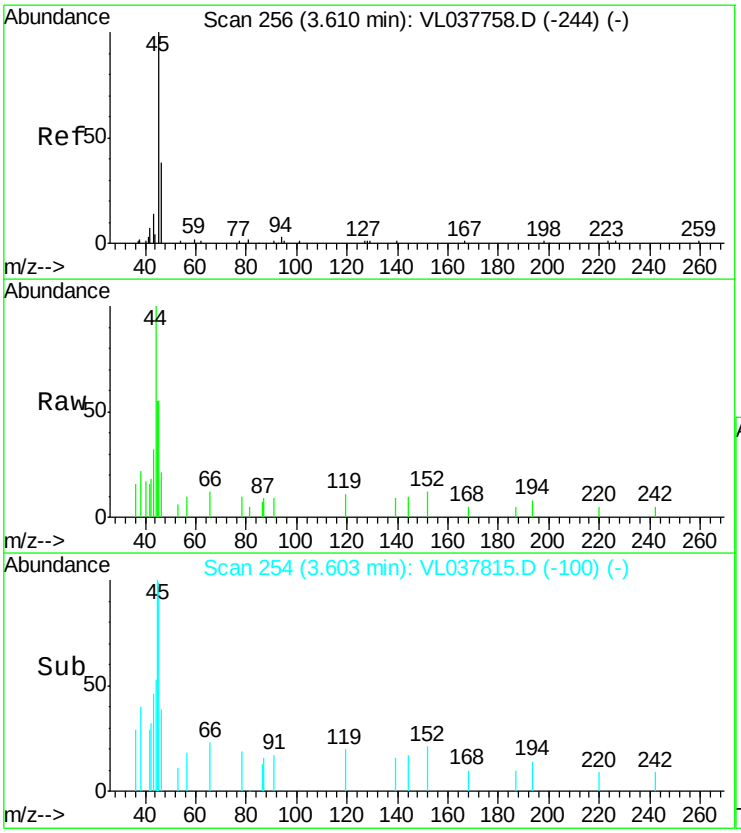
#3
Chlorodifluoromethane
Concen: 0.026 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument : MSVOA_L
ClientSampleId : C0P02DL

Tgt Ion: 51 Resp: 7023

Ion	Ratio	Lower	Upper
51	100		
67	15.8	13.5	20.3

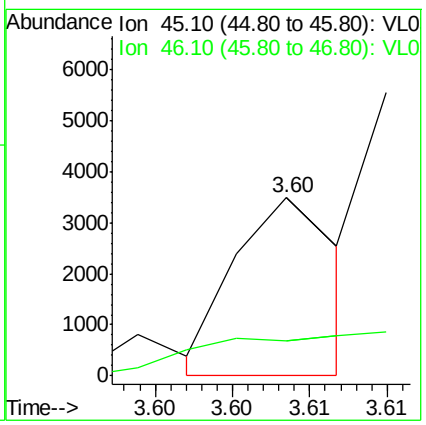


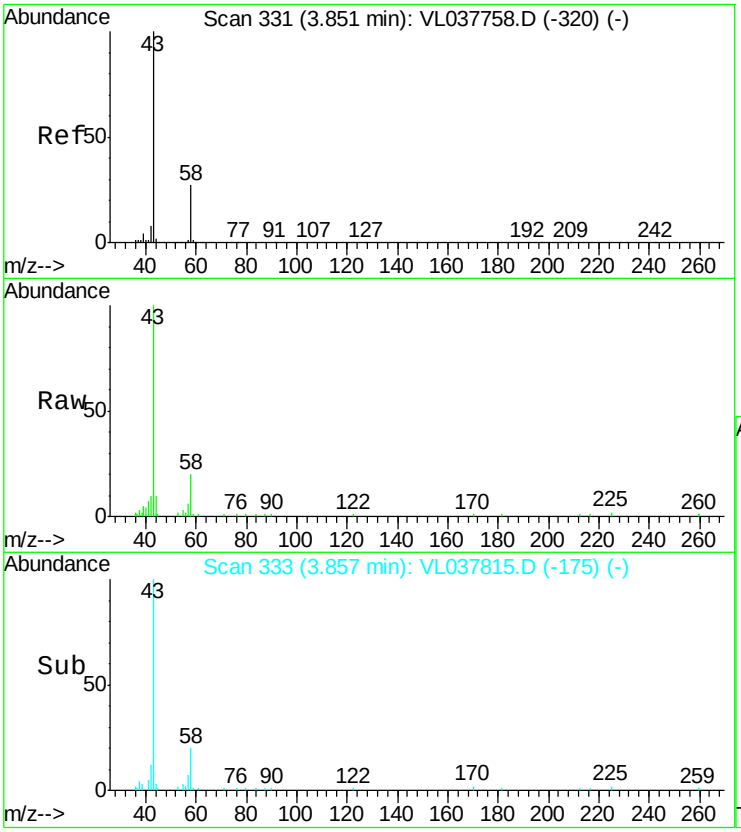


#13
Ethanol
Concen: 0.203 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 45 Resp: 1623

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	81.0#



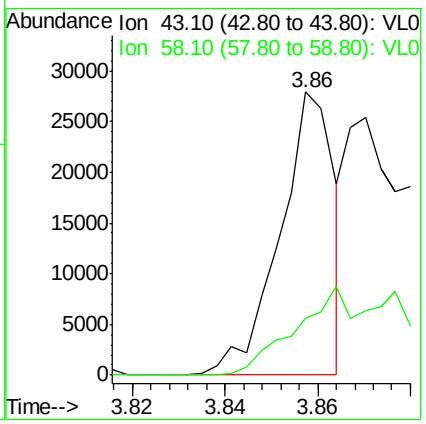


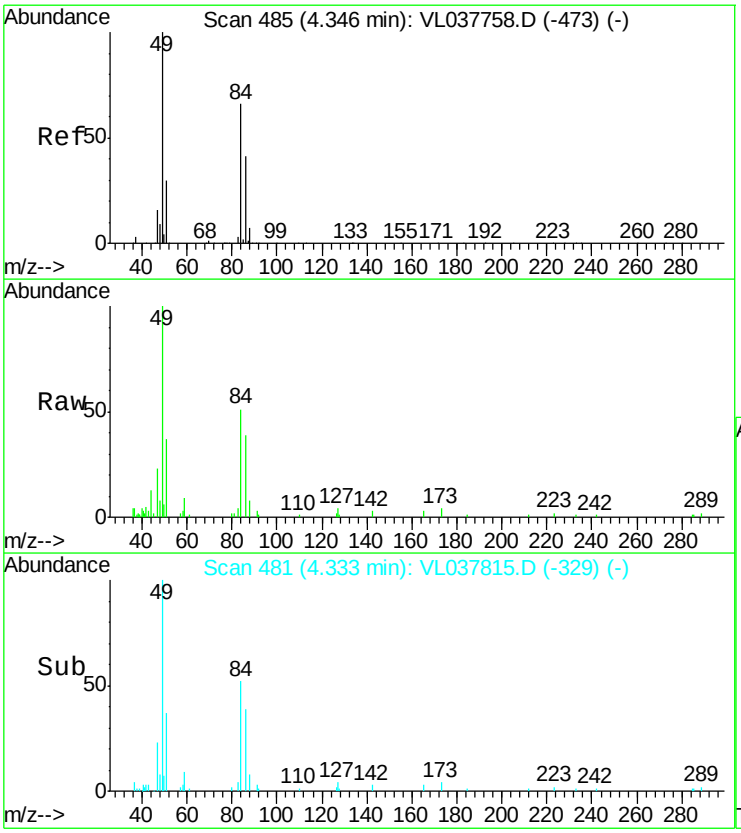
#15
Acetone
Concen: 0.183 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument : MSVOA_L
ClientSampleId : C0P02DL

Tgt Ion: 43 Resp: 22691

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.0	34.6#

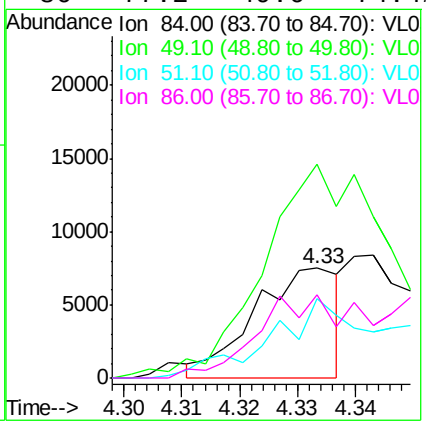


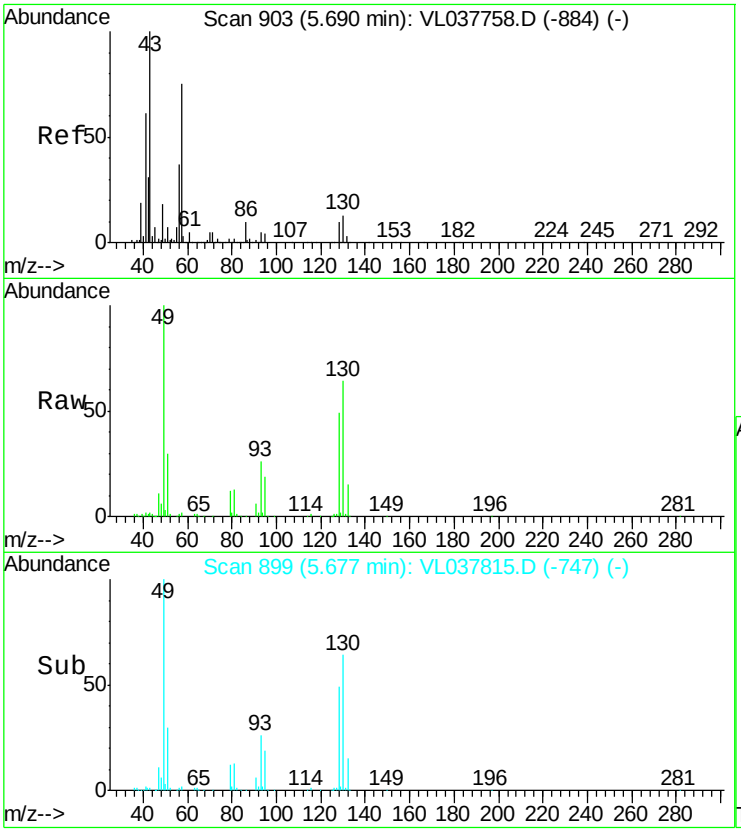


#20
Methylene Chloride
Concen: 0.121 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 84 Resp: 7629

Ion	Ratio	Lower	Upper
84	100		
49	202.4	120.7	181.1#
51	75.0	36.2	54.4#
86	77.2	49.6	74.4#



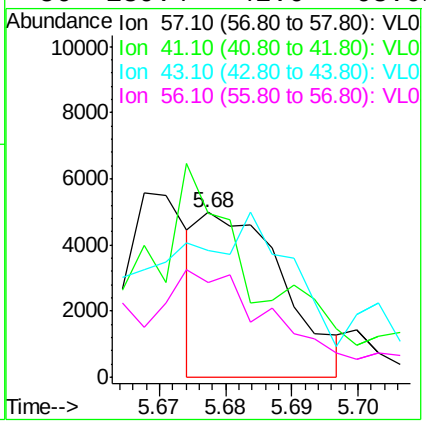


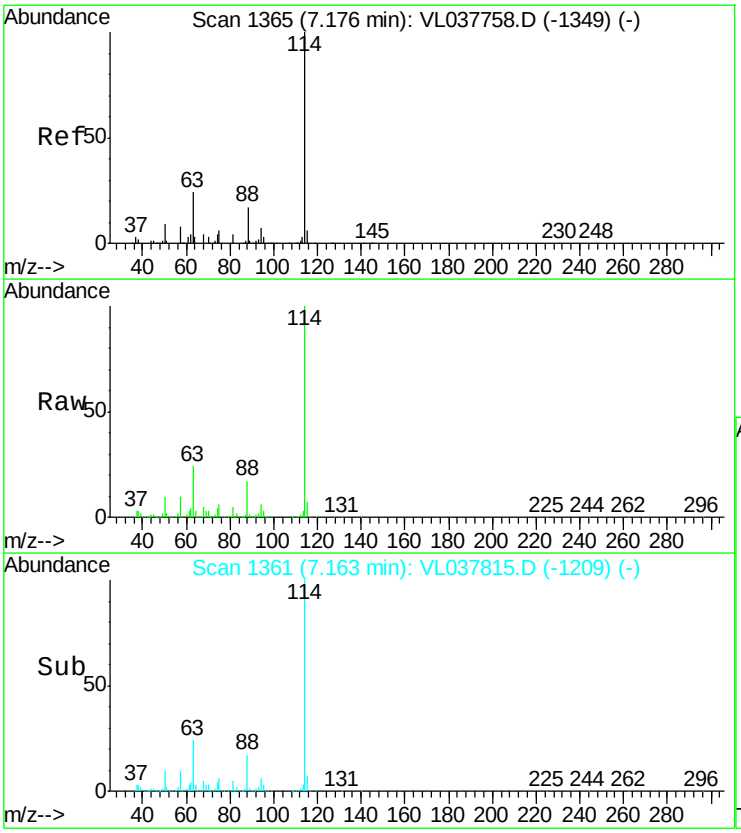
#26
Hexane
Concen: 0.026 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument :
MSVOA_L
ClientSampleId :
C0P02DL

Tgt Ion: 57 Resp: 4391

Ion	Ratio	Lower	Upper
57	100		
41	236.1	69.6	104.4#
43	255.6	171.4	257.0
56	139.4	42.0	63.0#

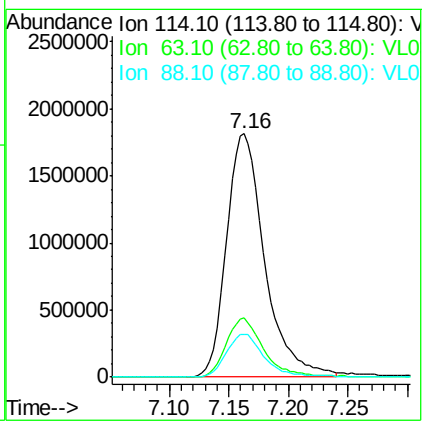


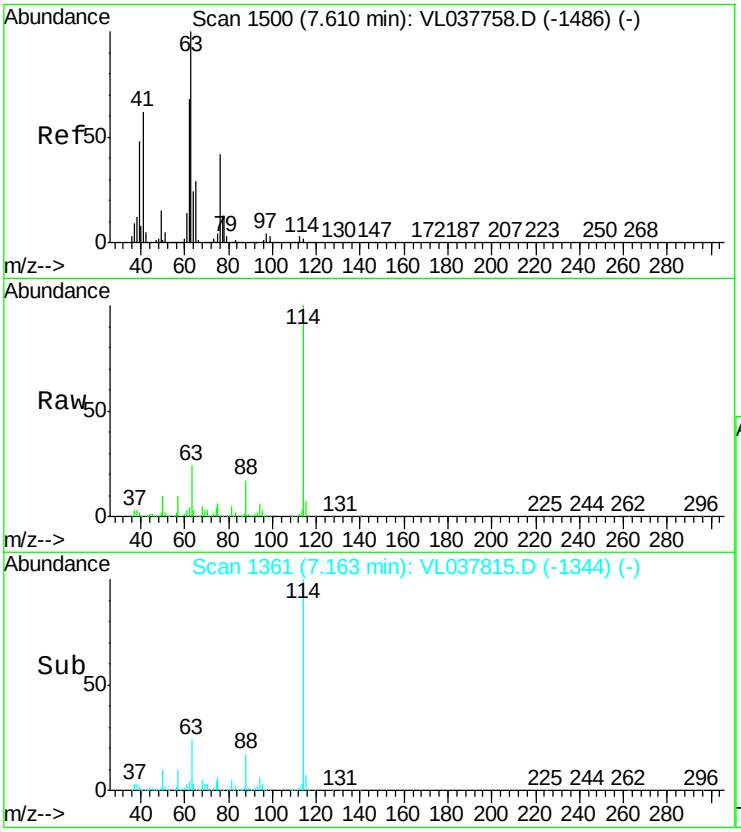


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion:114 Resp: 4037944

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.2
88	17.9	14.4	21.6



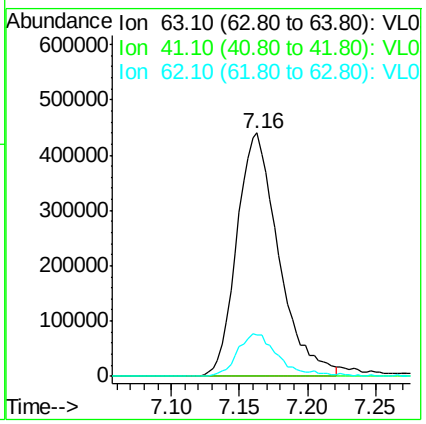


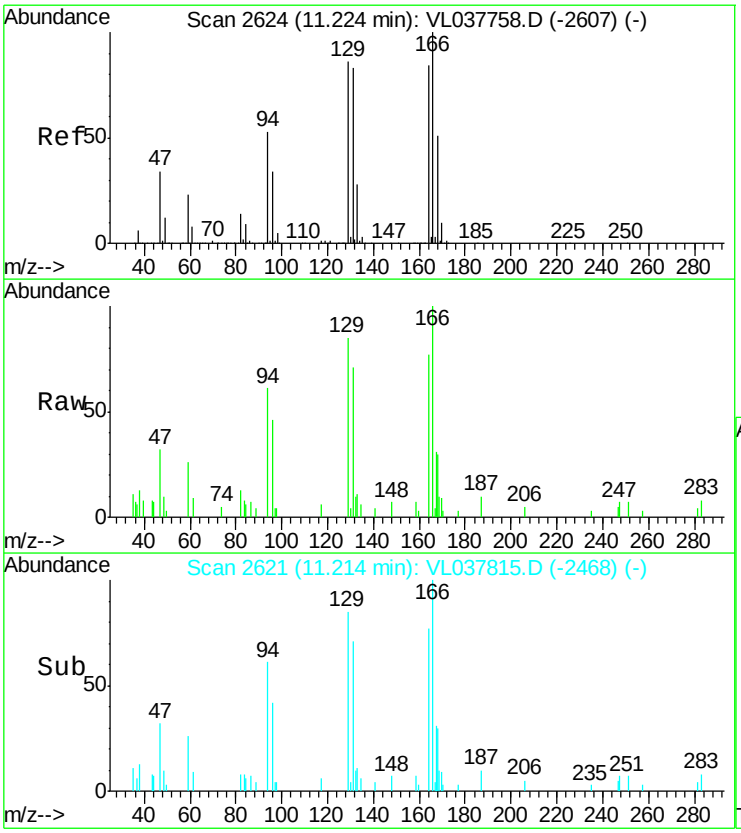
#39
1,2-Dichloropropane
Concen: 7.236 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.45 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument : MSVOA_L
ClientSampleId : C0P02DL

Tgt Ion: 63 Resp: 938676

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.9	54.6	82.0#

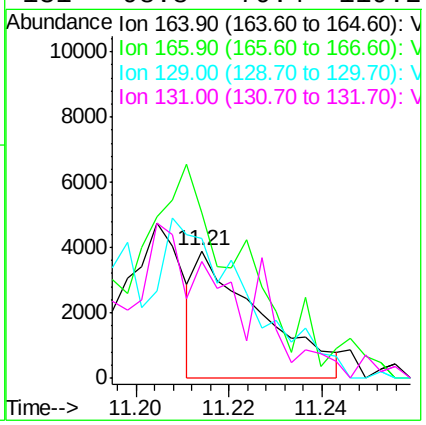


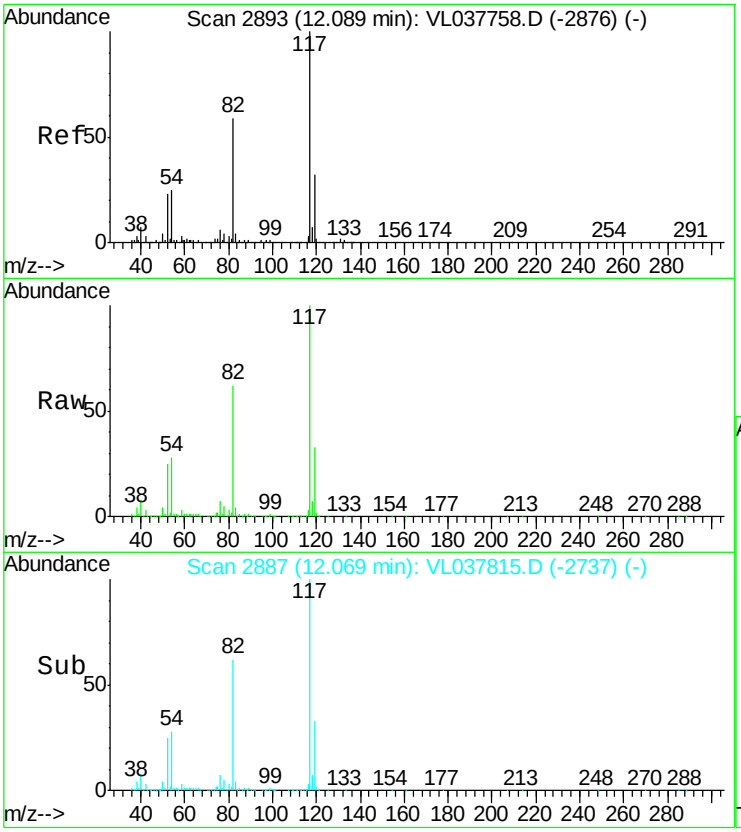


#52
Tetrachloroethene
Concen: 0.028 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion:164 Resp: 3774

Ion	Ratio	Lower	Upper
164	100		
166	133.5	95.4	143.2
129	115.6	82.2	123.4
131	98.8	79.4	119.2



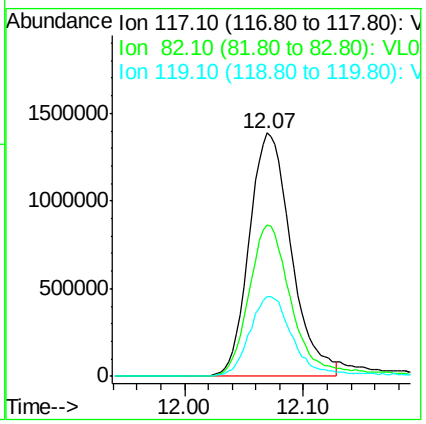


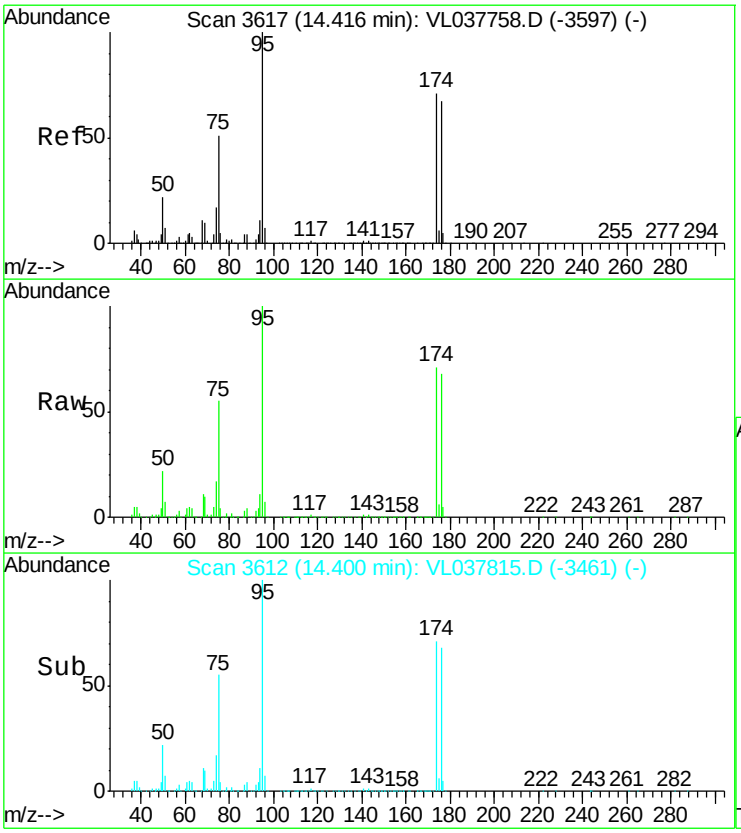
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Instrument : MSVOA_L
ClientSampleId : C0P02DL

Tgt Ion:117 Resp: 3393746

Ion	Ratio	Lower	Upper
117	100		
82	65.6	52.2	78.2
119	34.8	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.271 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL037815.D
Acq: 8 Oct 2021 3:36

Tgt Ion: 95 Resp: 2437515

Ion	Ratio	Lower	Upper
95	100		
174	74.7	57.8	86.6
175	5.3	4.7	7.1