Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
Data File : VL037822.D
Acq On : 8 Oct 2021 8:24
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Oct 08 10:11:13 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	1345931	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3869485	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3260581	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2324855	10.20	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.00%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.98	51	7823	0.030	ppbv	# 74
7) Chloroethane	3.55	64	867	0.027	ppbv	# 88
8) Dichlorotetrafluoroethane	3.18	85	4934	0.023	ppbv	# 12
9) Propene	3.01	41	5383	0.057	ppbv	# 16
13) Ethanol	3.60	45	396	0.051	ppbv	# 27
20) Methylene Chloride	4.34	84	11880	0.195	ppbv	# 59
39) 1,2-Dichloropropane	7.21	63	9899	0.080	ppbv	# 27

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

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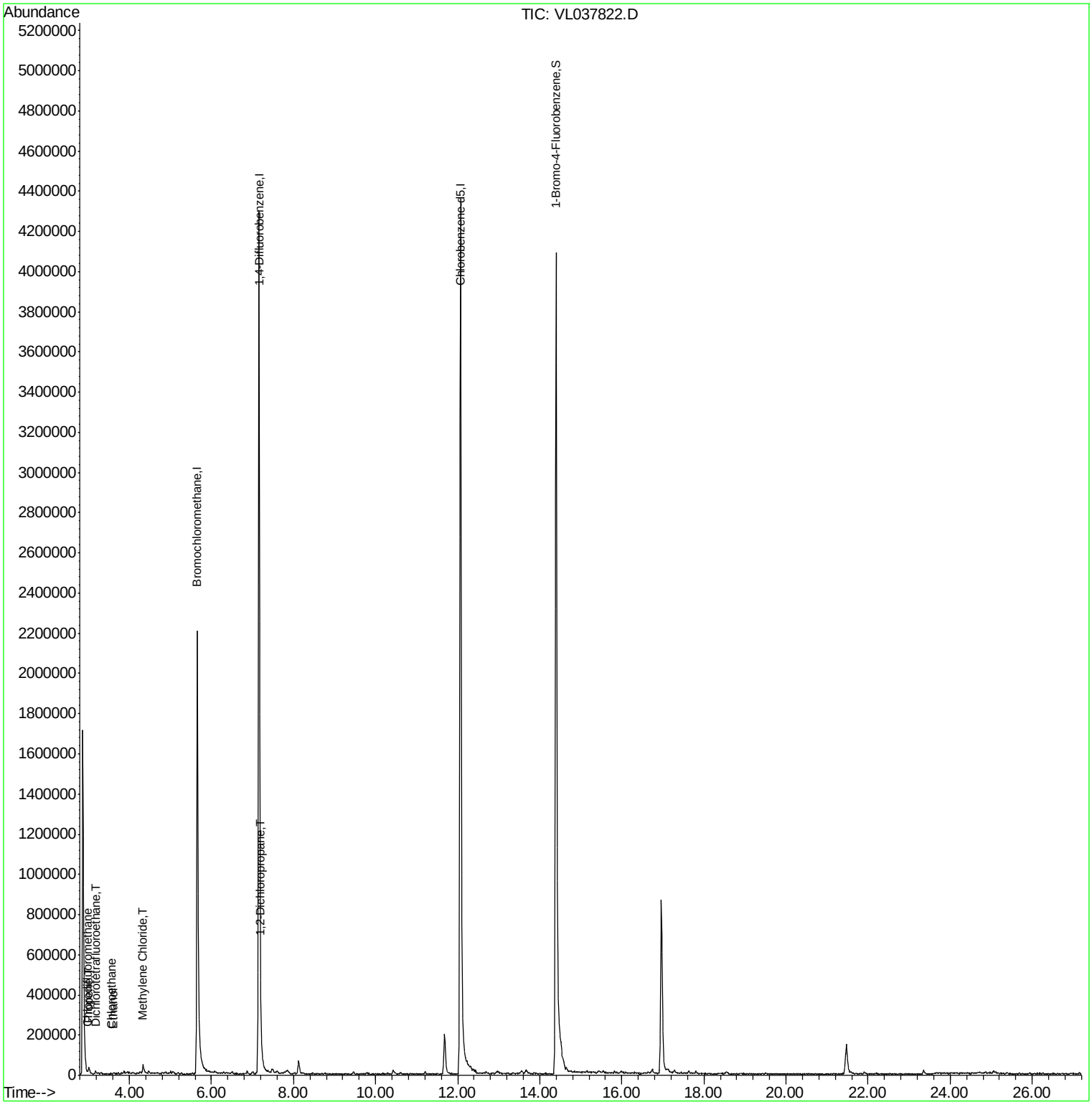
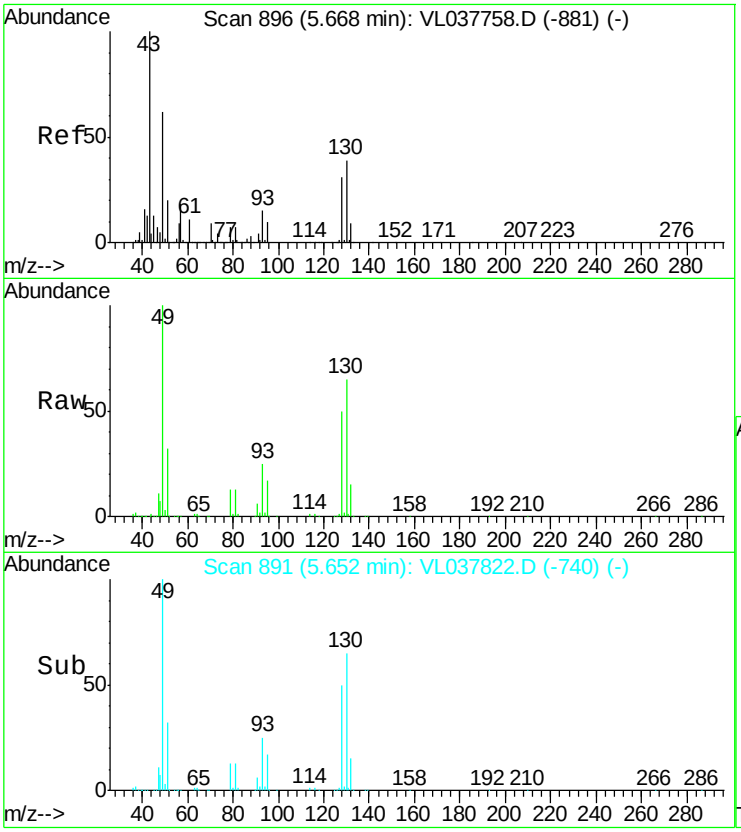


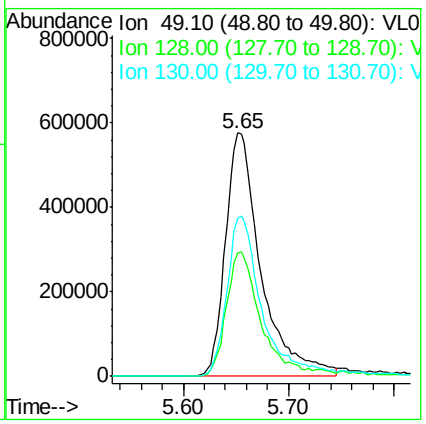


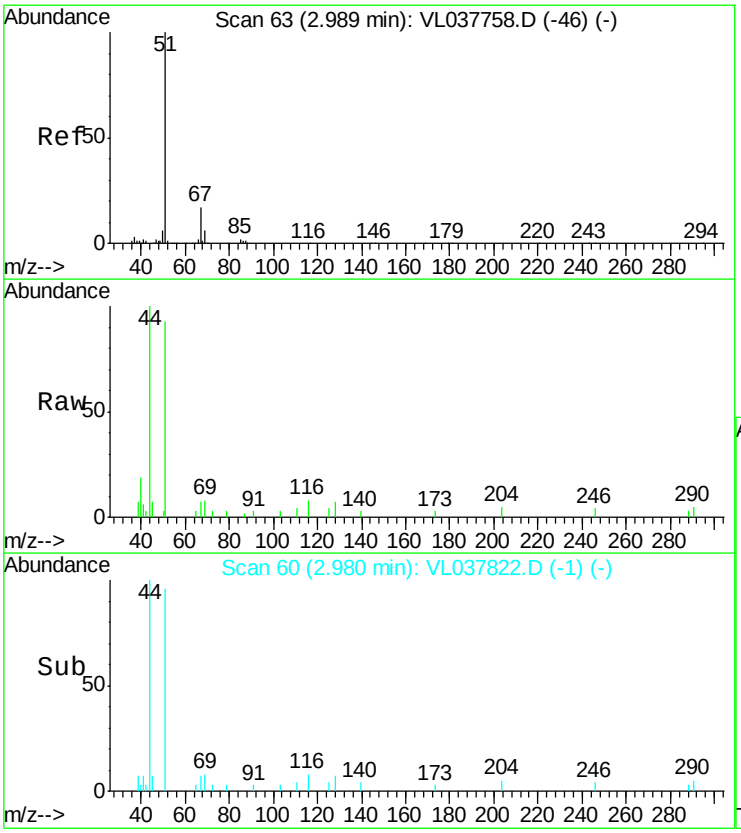
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 1345931

Ion	Ratio	Lower	Upper
49	100		
128	51.7	27.1	81.3
130	67.1	33.2	99.6

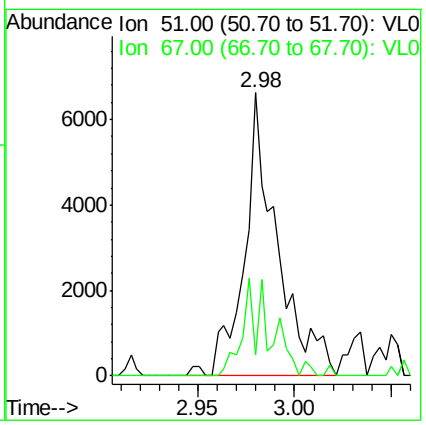


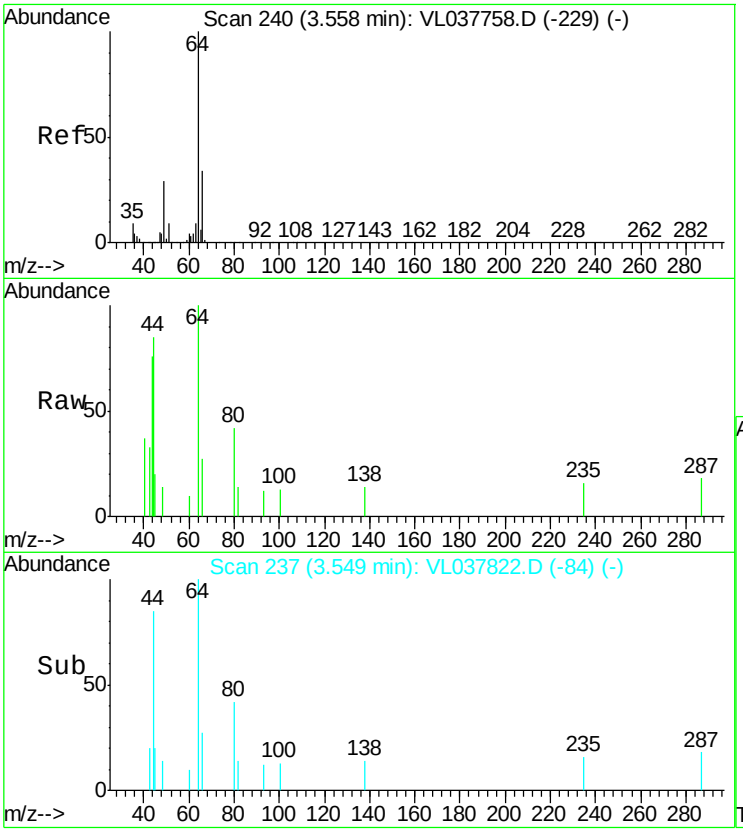


#3
Chlorodifluoromethane
Concen: 0.030 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 51 Resp: 7823

Ion	Ratio	Lower	Upper
51	100		
67	28.0	13.5	20.3#



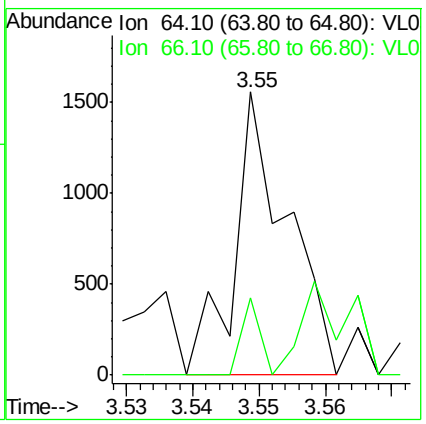


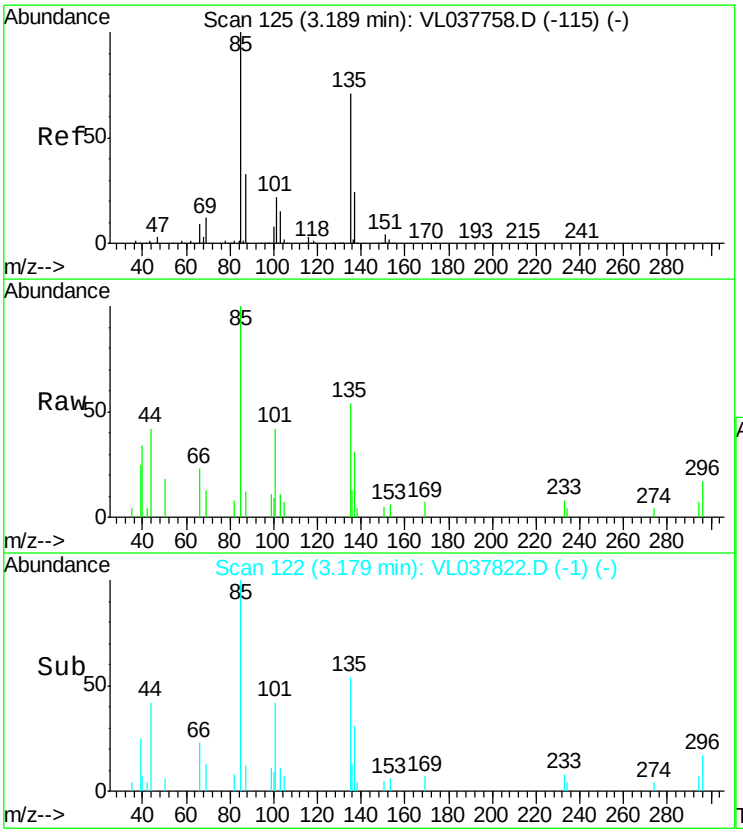
#7
Chloroethane
Concen: 0.027 ppbv
RT: 3.55 min Scan# 237
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 64 Resp: 867

Ion	Ratio	Lower	Upper
64	100		
66	27.4	27.5	41.3#

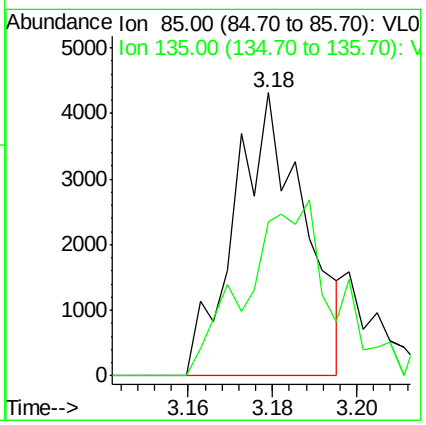


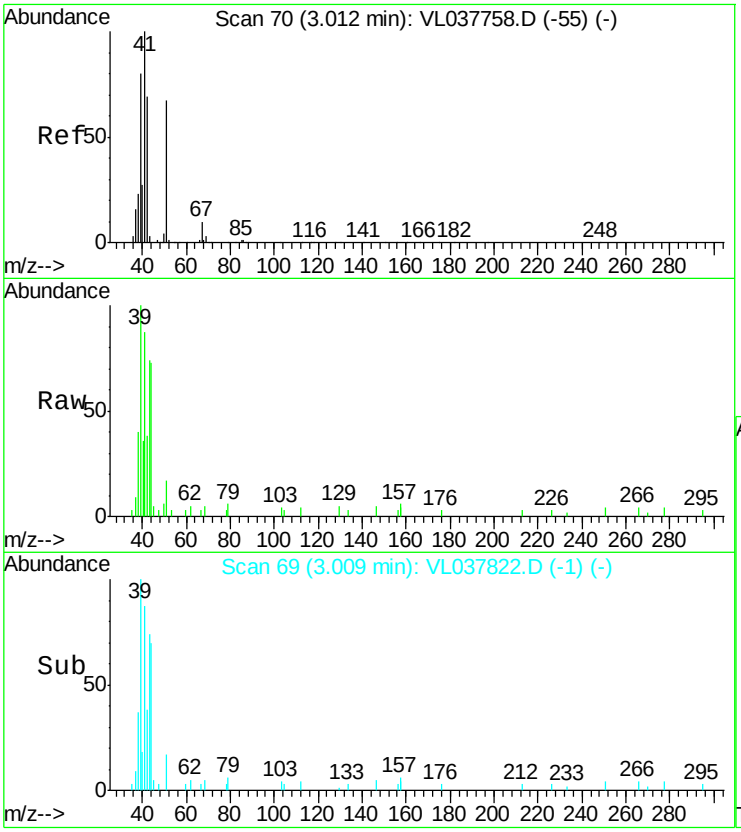


#8
Dichlorotetrafluoroethane
Concen: 0.023 ppbv
RT: 3.18 min Scan# 122
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 85 Resp: 4934

Ion	Ratio	Lower	Upper
85	100		
135	0.0	59.5	89.3#



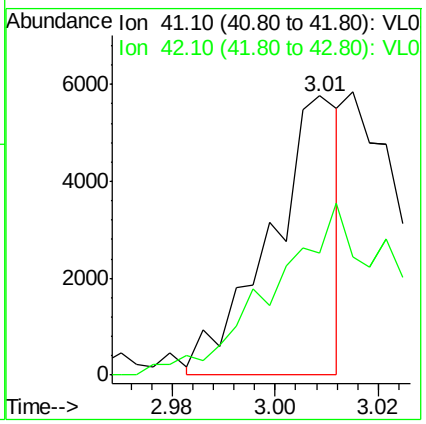


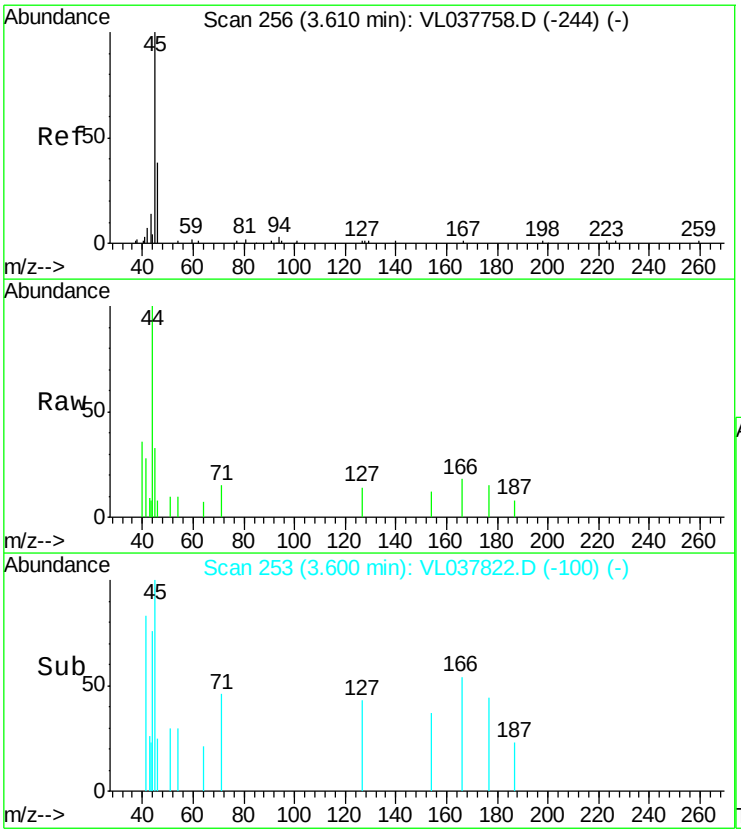
#9
Propene
Concen: 0.057 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 41 Resp: 5383

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.2	81.2#

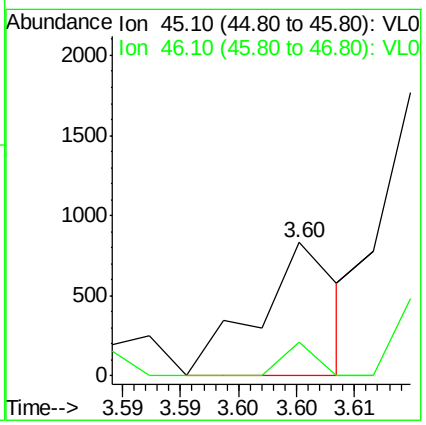


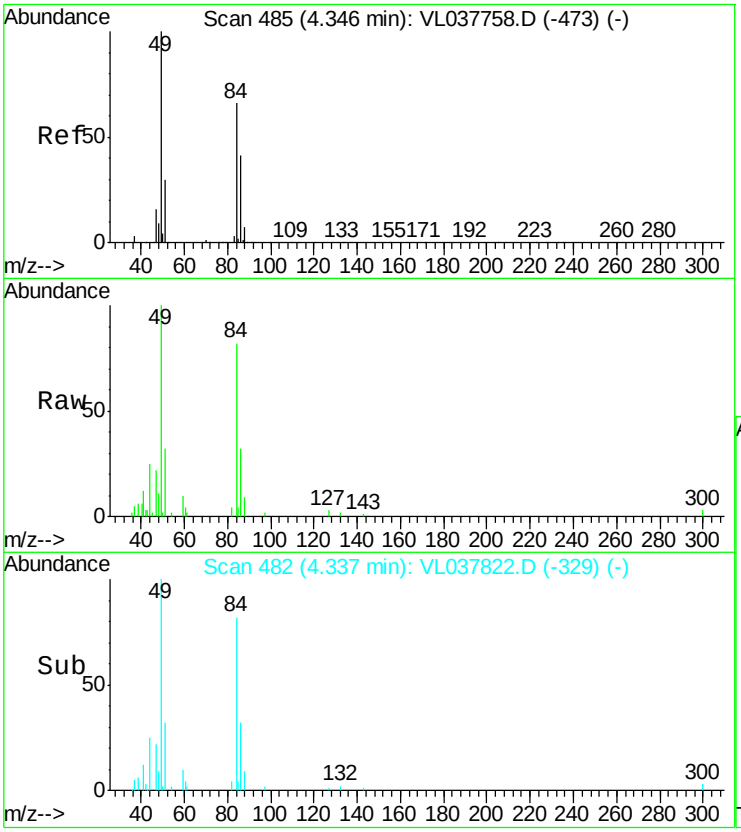


#13
Ethanol
Concen: 0.051 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion: 45 Resp: 396

Ion	Ratio	Lower	Upper
45	100		
46	0.0	20.2	81.0#



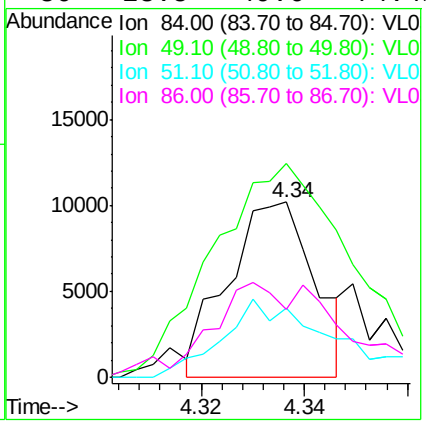


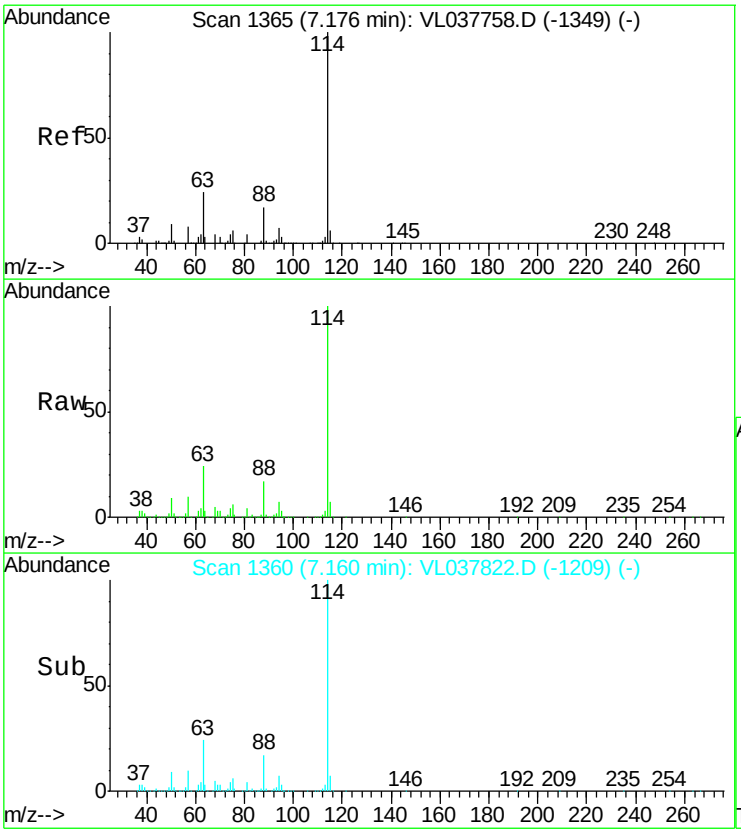
#20
Methylene Chloride
Concen: 0.195 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 11880

Ion	Ratio	Lower	Upper
84	100		
49	92.2	120.7	181.1#
51	31.8	36.2	54.4#
86	28.5	49.6	74.4#

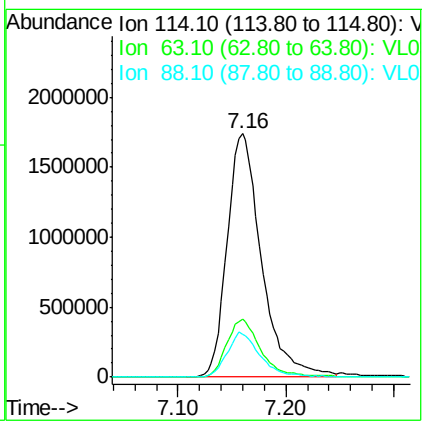


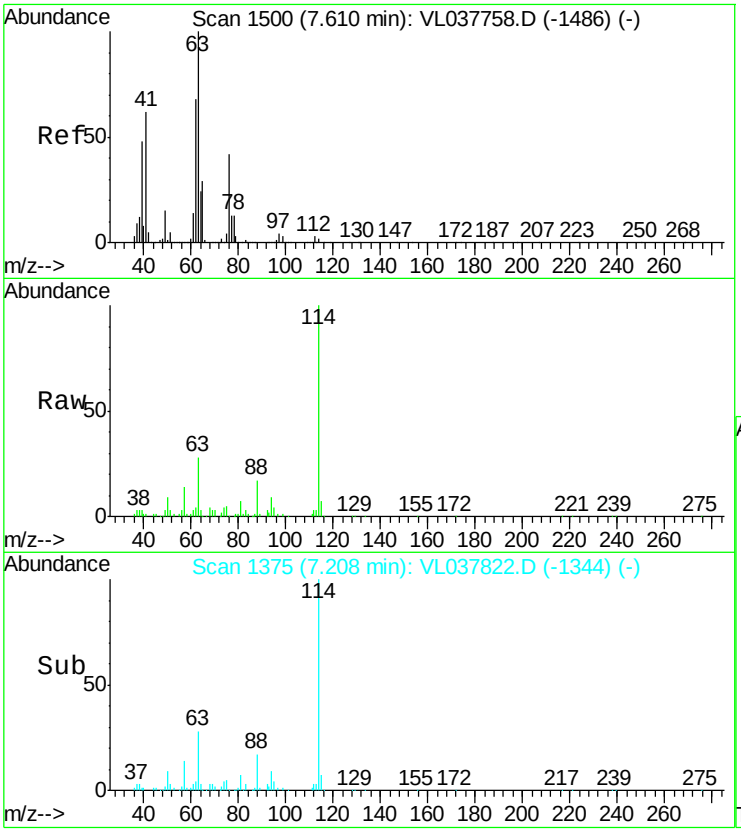


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion:114 Resp: 3869485

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.4	29.2
88	18.0	14.4	21.6



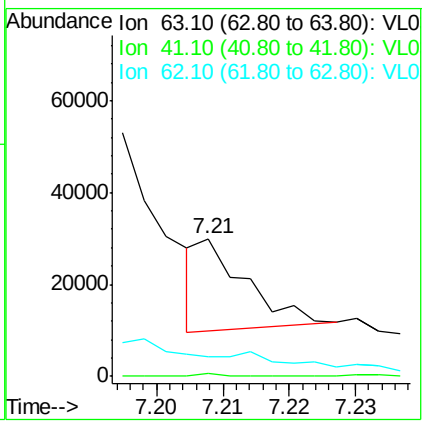


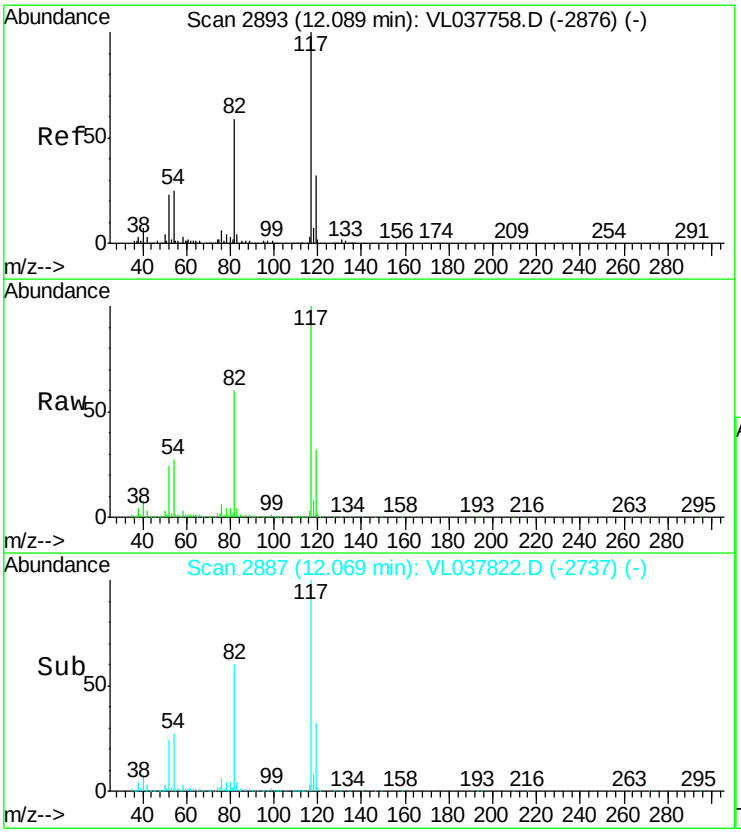
#39
1,2-Dichloropropane
Concen: 0.080 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. -0.40 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 63 Resp: 9899

Ion	Ratio	Lower	Upper
63	100		
41	3.2	49.8	74.6#
62	12.2	54.6	82.0#

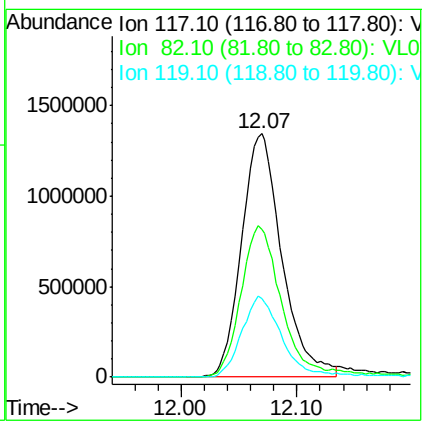


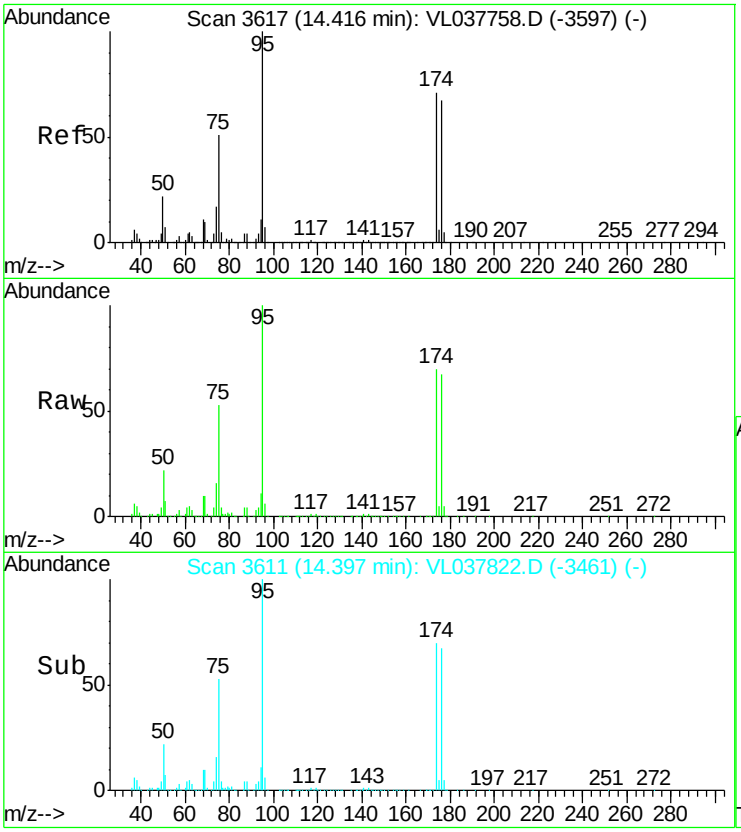


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Tgt Ion:117 Resp: 3260581

Ion	Ratio	Lower	Upper
117	100		
82	65.0	52.2	78.2
119	34.2	26.0	39.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.196 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.02 min
Lab File: VL037822.D
Acq: 8 Oct 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 2324855

Ion	Ratio	Lower	Upper
95	100		
174	74.8	57.8	86.6
175	5.4	4.7	7.1