Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100121\
Data File : VL037749.D
Acq On : 1 Oct 2021 19:57
Operator : SY/AP
Sample : M4012-06DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : C0P28DL

Quant Time: Oct 02 01:35:28 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 16 13:42:46 2021
QLast Update : Thu Sep 16 13:42:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1465604	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4242843	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3508651	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2393387	9.44	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.04	85	9575	0.036	ppbv #	79
9) Propene	3.00	41	2997	0.031	ppbv #	14
13) Ethanol	3.61	45	16652	1.746	ppbv #	29
15) Acetone	3.85	43	64418	0.423	ppbv #	1
20) Methylene Chloride	4.34	84	71687	0.986	ppbv	87
25) Ethyl Acetate	5.67	43	12337	0.033	ppbv #	78
26) Hexane	5.67	57	21888	0.125	ppbv #	46
39) 1,2-Dichloropropane	7.16	63	992132	7.321	ppbv #	26

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

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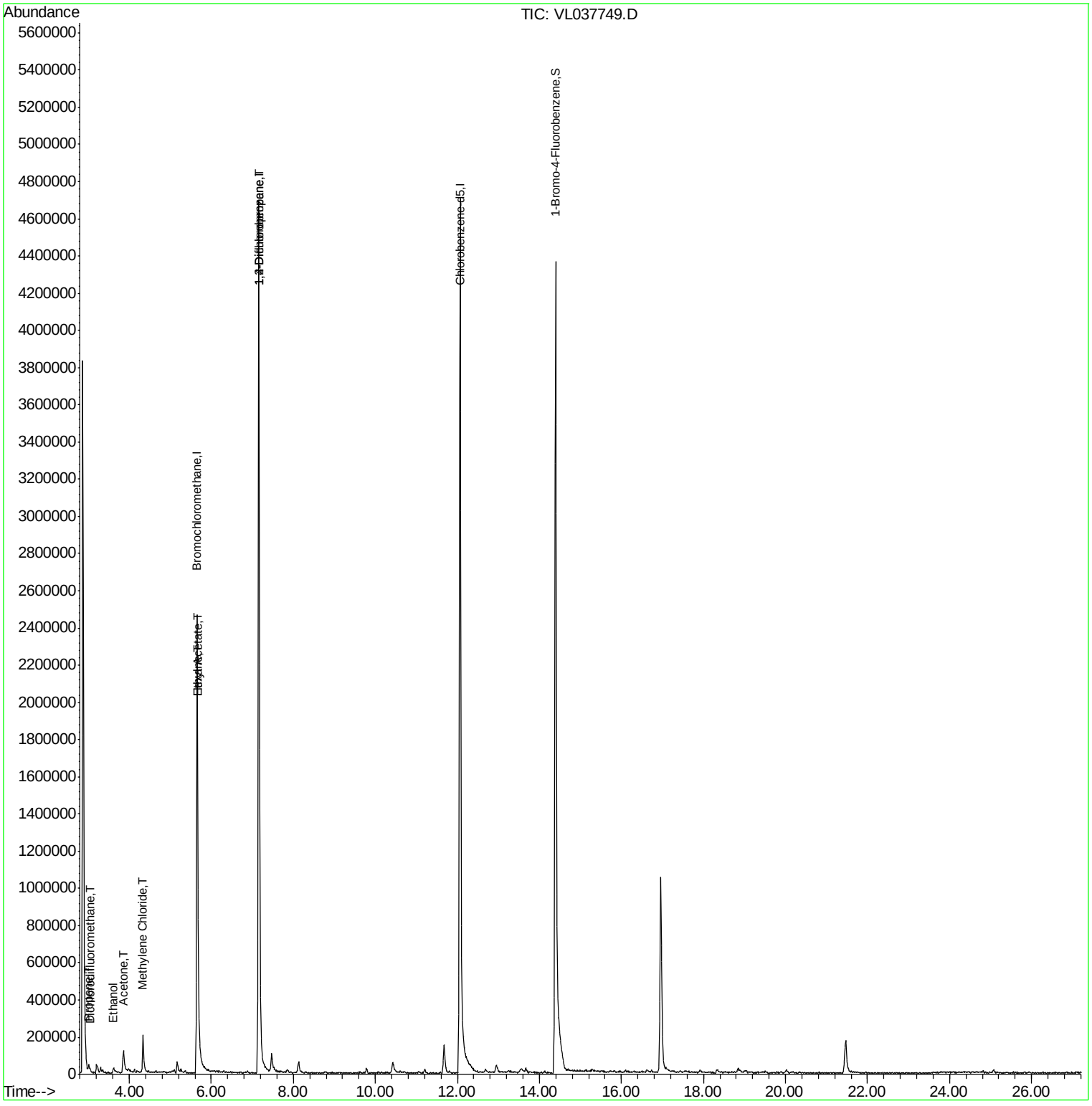
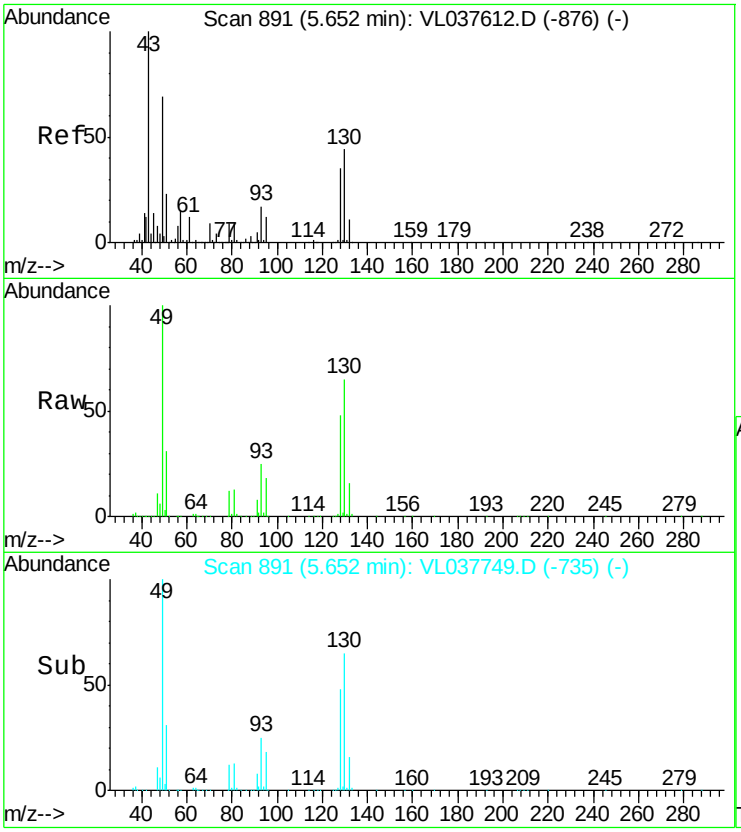


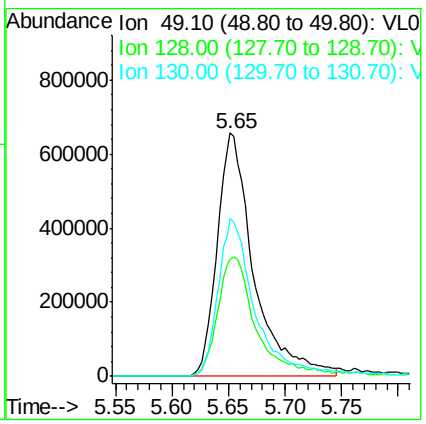


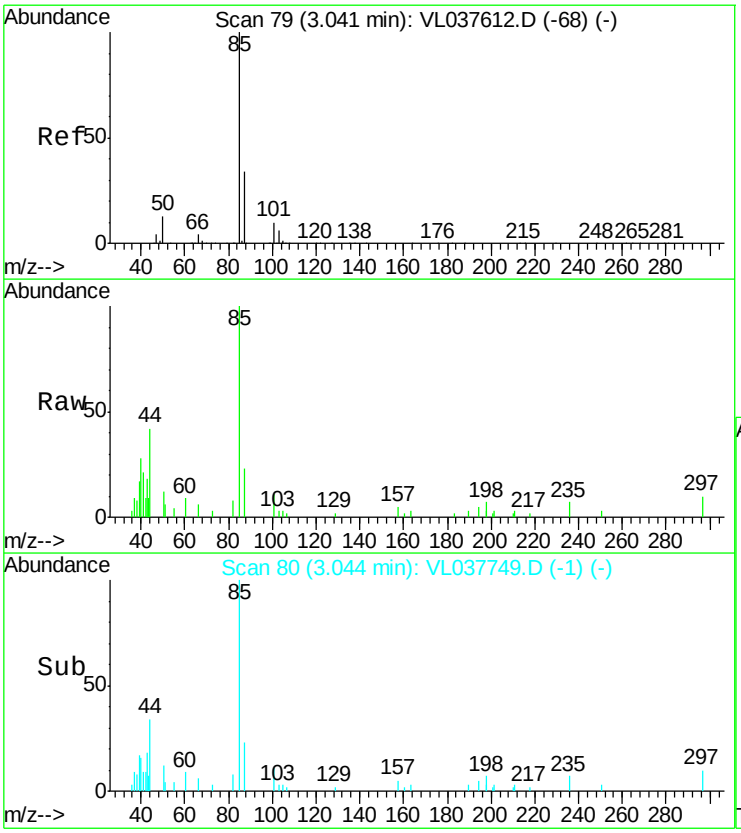
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. 0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument : MSVOA_L
ClientSampleId : C0P28DL

Tgt Ion: 49 Resp: 1465604

Ion	Ratio	Lower	Upper
49	100		
128	53.5	27.9	83.6
130	67.6	33.9	101.7

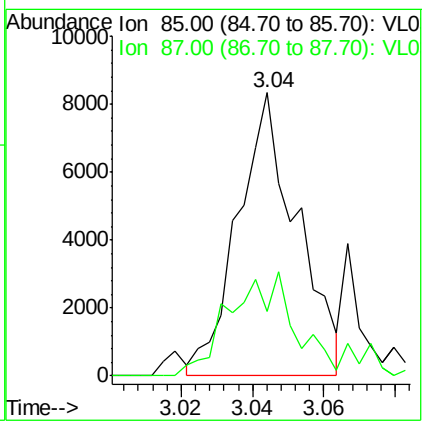


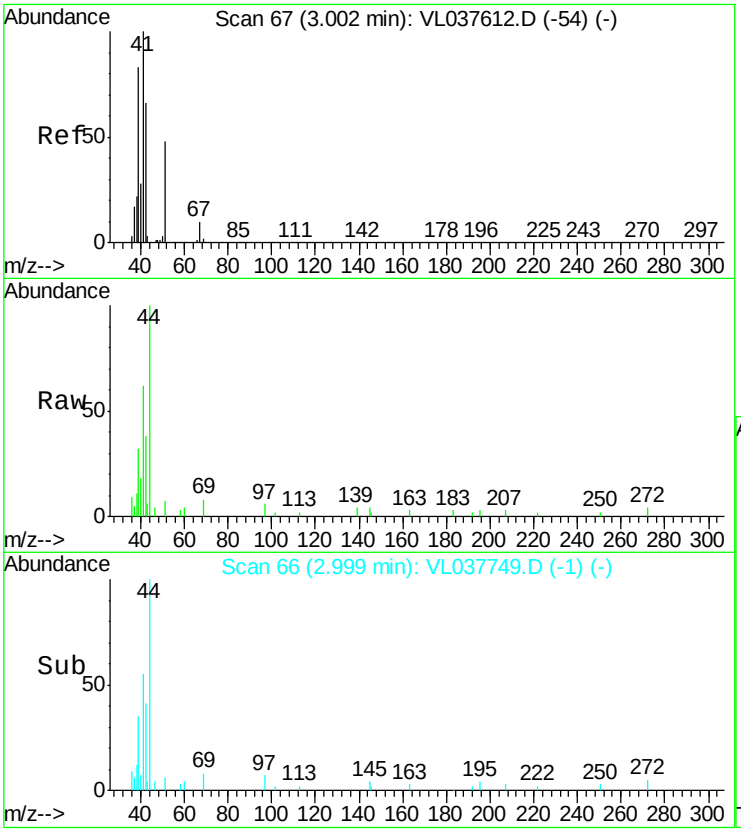


#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.04 min Scan# 80
Delta R.T. 0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 85 Resp: 9575

Ion	Ratio	Lower	Upper
85	100		
87	21.5	26.8	40.2#



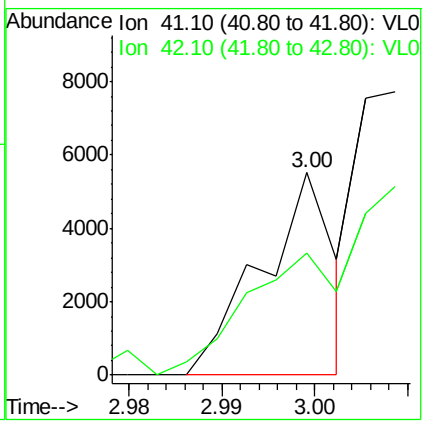


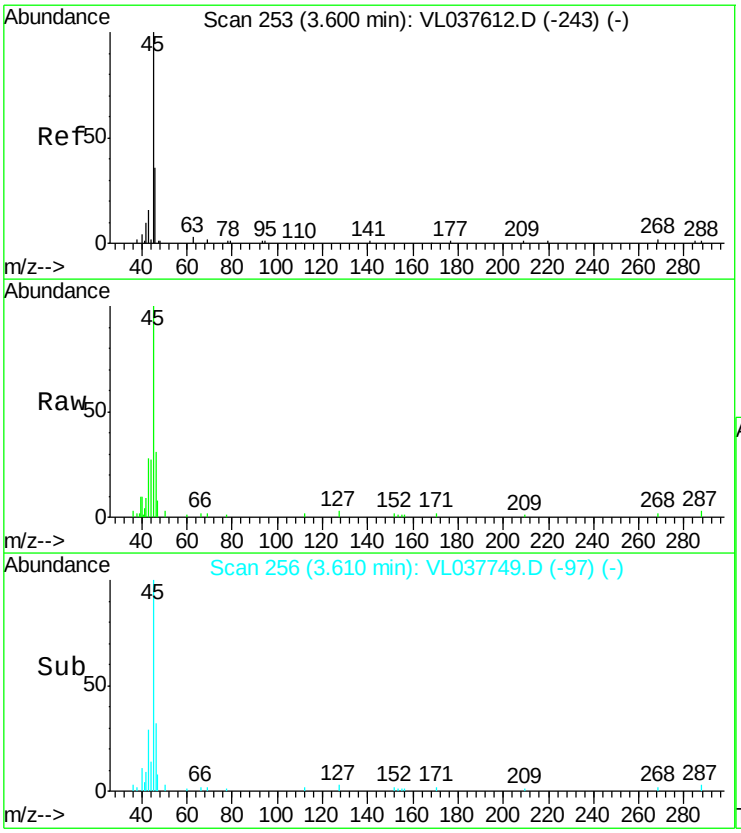
#9
Propene
Concen: 0.031 ppbv
RT: 3.00 min Scan# 66
Delta R.T. -0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument : MSVOA_L
ClientSampleId : C0P28DL

Tgt Ion: 41 Resp: 2997

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.2	85.8#

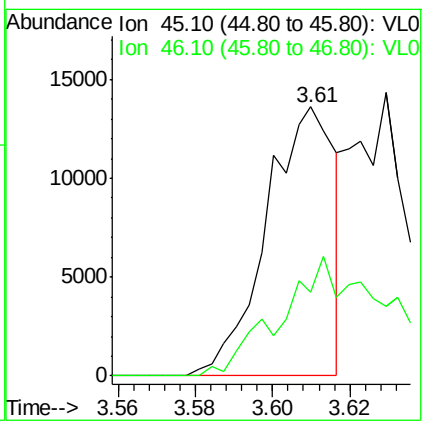


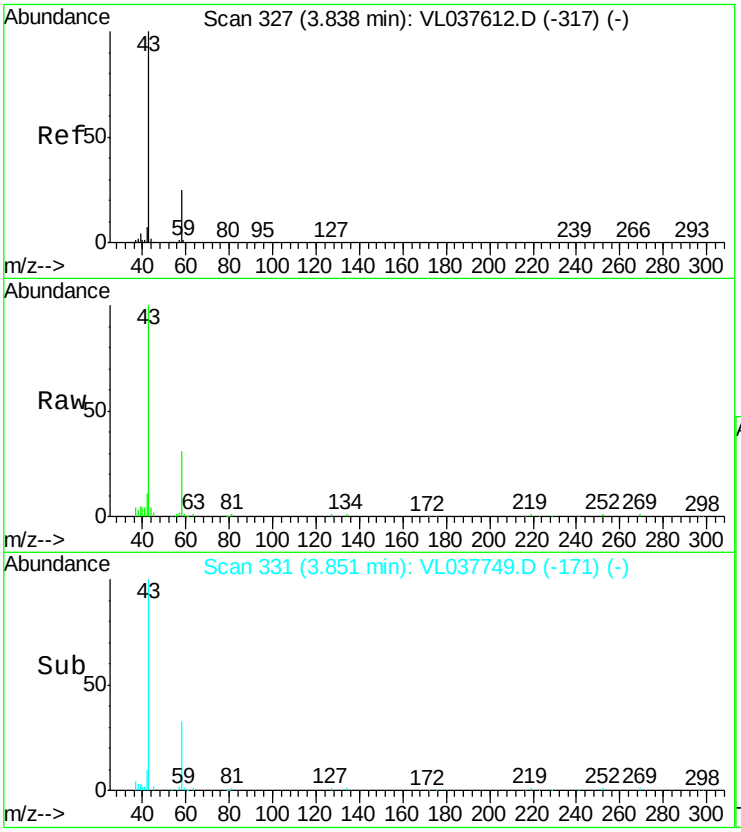


#13
Ethanol
Concen: 1.746 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 45 Resp: 16652

Ion	Ratio	Lower	Upper
45	100		
46	88.2	17.2	68.8#



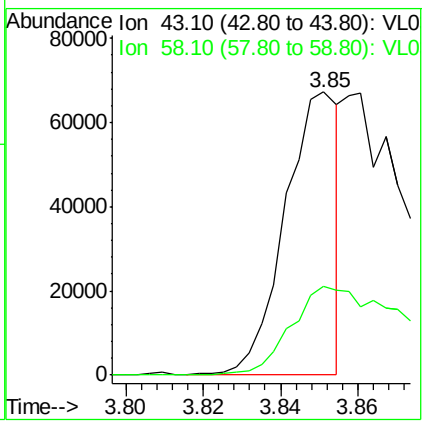


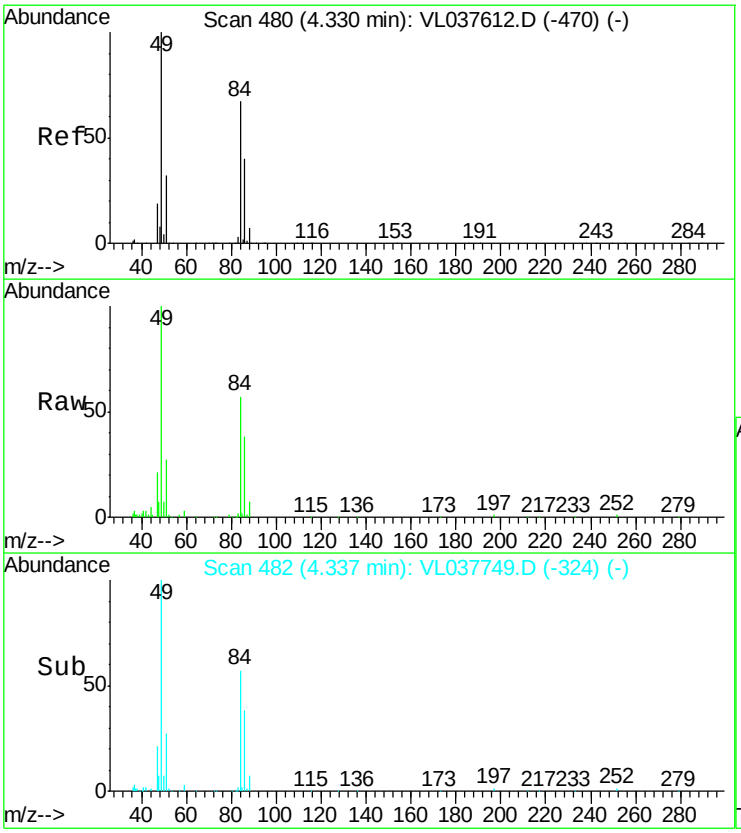
#15
Acetone
Concen: 0.423 ppbv
RT: 3.85 min Scan# 331
Delta R.T. 0.01 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument : MSVOA_L
ClientSampleId : C0P28DL

Tgt Ion: 43 Resp: 64418

Ion	Ratio	Lower	Upper
43	100		
58	95.5	24.9	37.3#

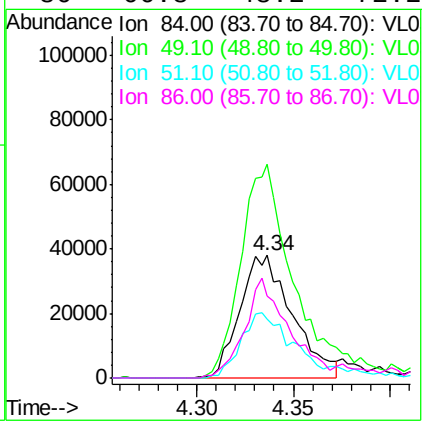


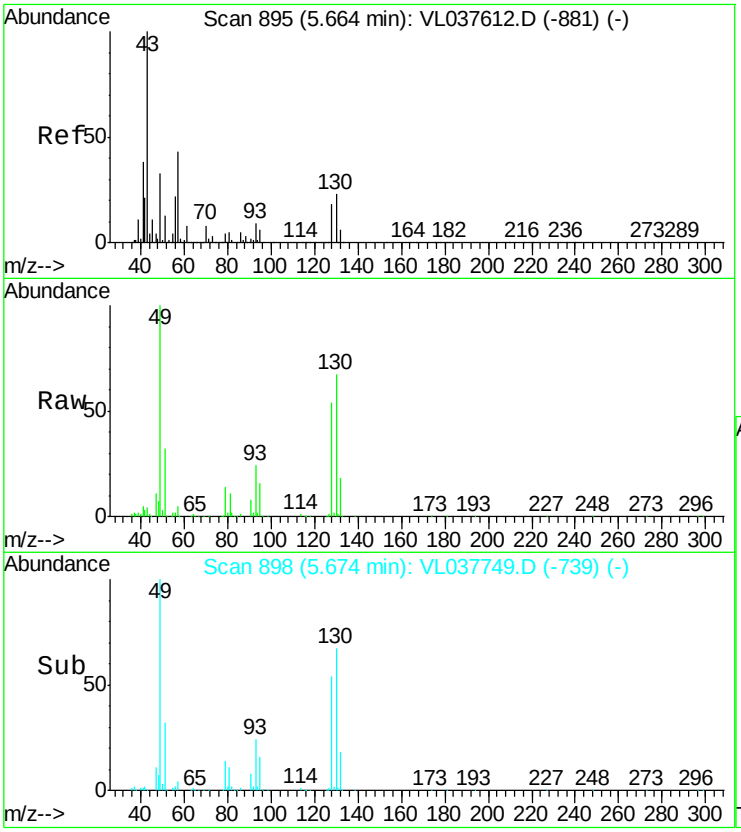


#20
Methylene Chloride
Concen: 0.986 ppbv
RT: 4.34 min Scan# 482
Delta R.T. 0.01 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 84 Resp: 71687

Ion	Ratio	Lower	Upper
84	100		
49	174.7	120.0	180.0
51	47.7	38.0	57.0
86	66.8	48.2	72.2



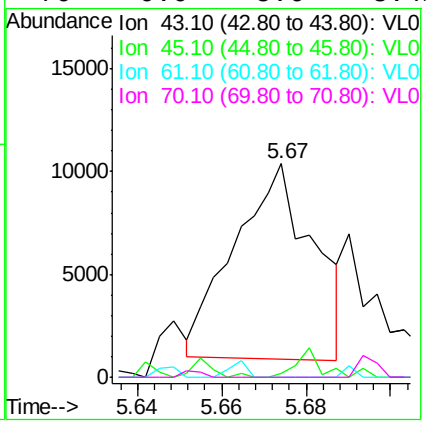


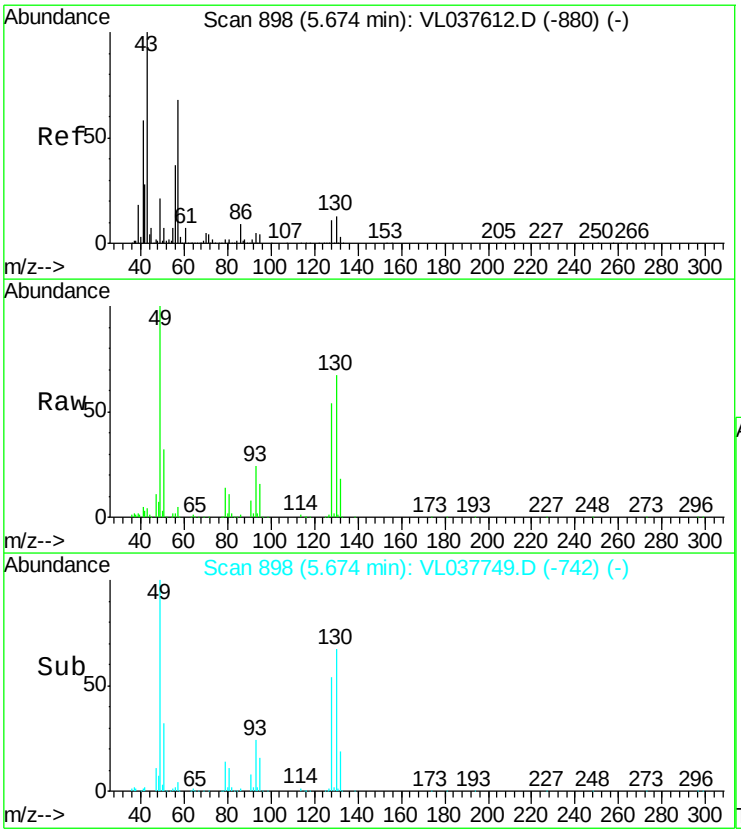
#25
Ethyl Acetate
Concen: 0.033 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.01 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument : MSVOA_L
ClientSampleId : C0P28DL

Tgt Ion: 43 Resp: 12337

Ion	Ratio	Lower	Upper
43	100		
45	0.0	8.0	12.0#
61	3.2	7.5	11.3#
70	0.0	5.6	8.4#

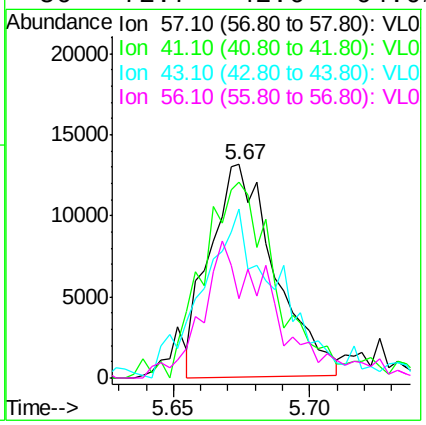


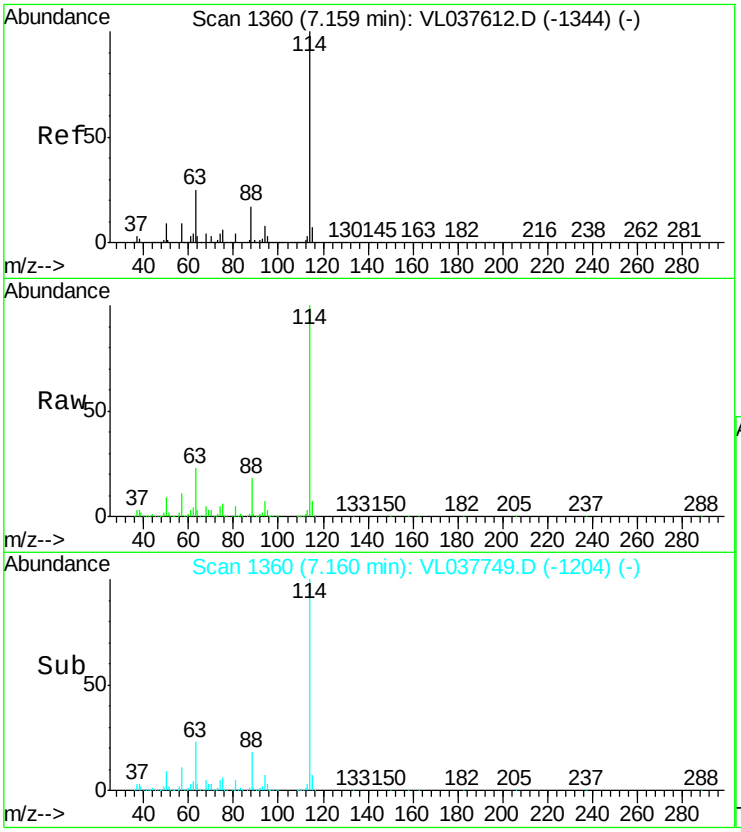


#26
Hexane
Concen: 0.125 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 57 Resp: 21888

Ion	Ratio	Lower	Upper
57	100		
41	117.6	70.9	106.3#
43	101.7	170.4	255.6#
56	72.7	42.6	64.0#



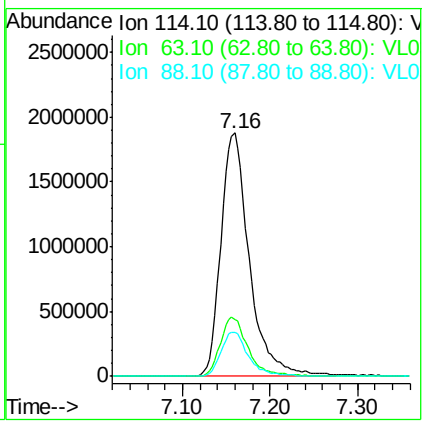


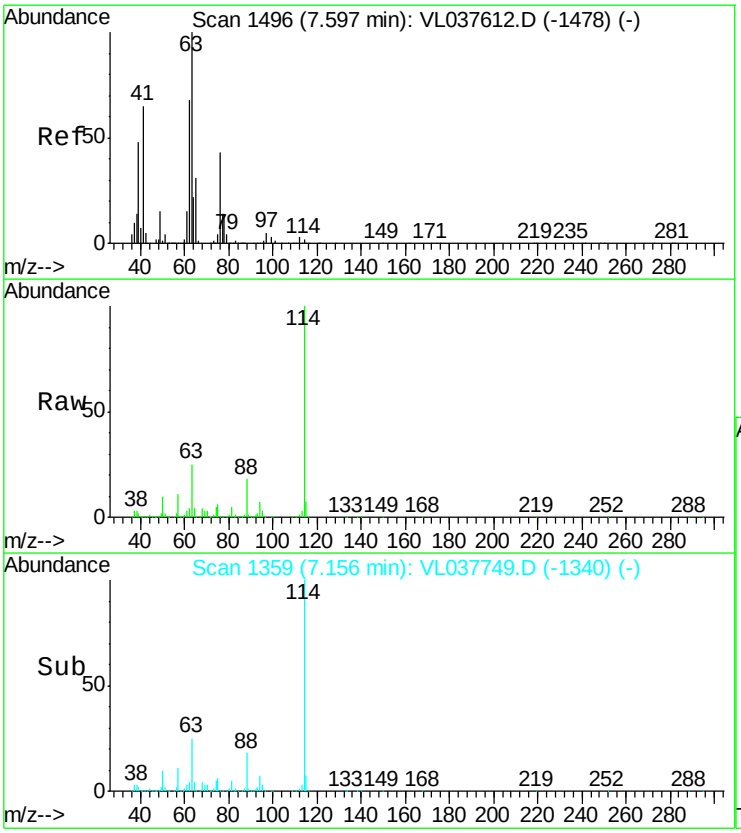
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument :
MSVOA_L
ClientSampleId :
C0P28DL

Tgt Ion:114 Resp: 4242843

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.6	29.4
88	17.8	14.2	21.4

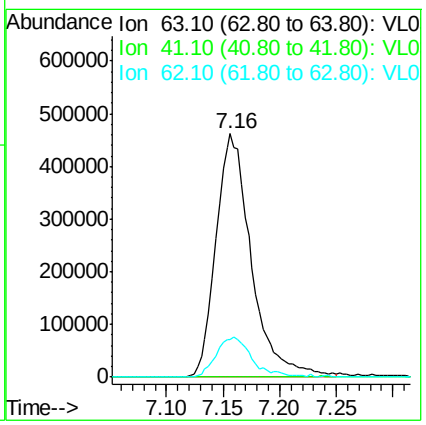


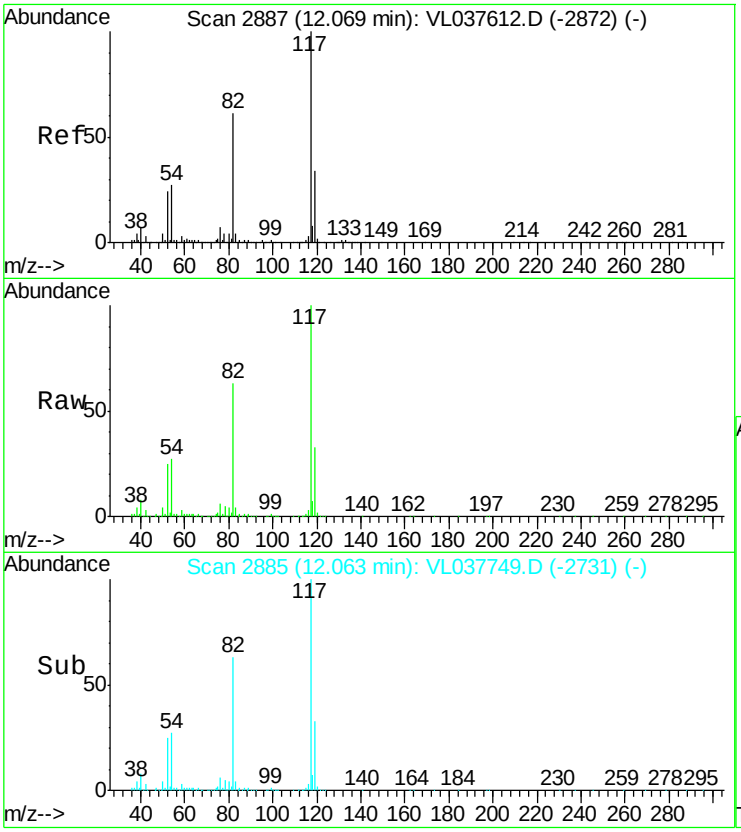


#39
1,2-Dichloropropane
Concen: 7.321 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.44 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 63 Resp: 992132

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.6	77.4#
62	15.3	54.6	81.8#



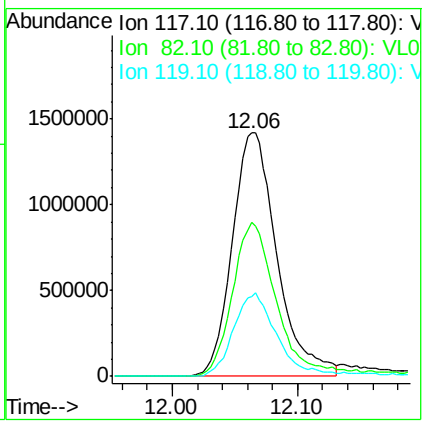


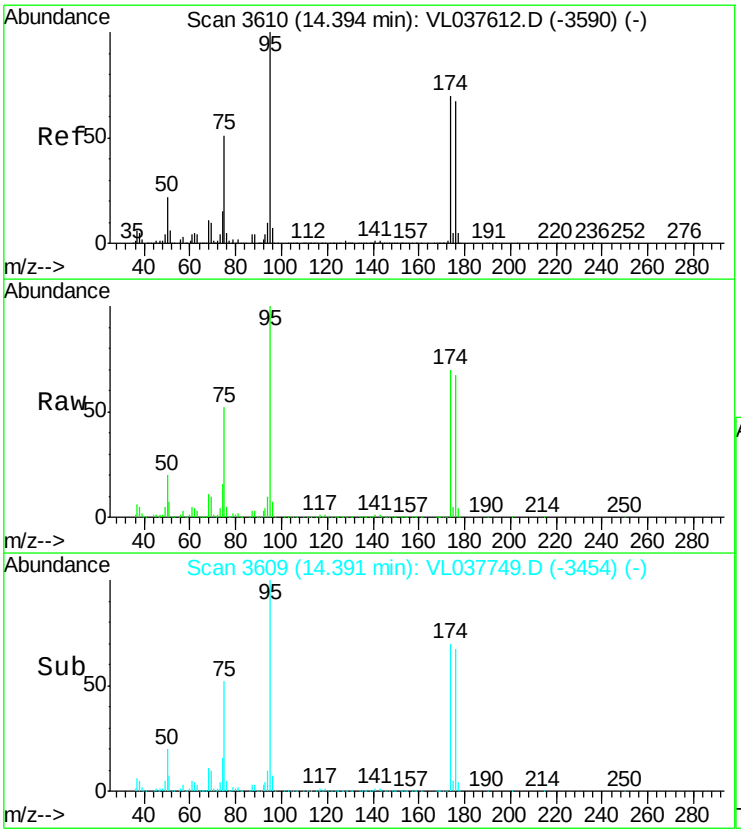
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.01 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Instrument :
MSVOA_L
ClientSampleId :
C0P28DL

Tgt Ion:117 Resp: 3508651

Ion	Ratio	Lower	Upper
117	100		
82	66.6	50.6	75.8
119	34.9	26.2	39.2





#68
1-Bromo-4-Fluorobenzene
Concen: 9.439 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037749.D
Acq: 1 Oct 2021 19:57

Tgt Ion: 95 Resp: 2393387

Ion	Ratio	Lower	Upper
95	100		
174	77.5	56.3	84.5
175	5.9	4.4	6.6