Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL122921\
Data File : VL038243.D
Acq On : 29 Dec 2021 21:54
Operator : SY/AP
Sample : M5250-01DL2 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Quant Time: Dec 30 06:22:07 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Dec 21 17:47:08 2021
QLast Update : Tue Dec 21 17:47:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	681947	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1733535	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1484443	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1184872	10.36	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.60%			
Target Compounds						Qvalue
9) Propene	3.03	41	4679	0.094	ppbv #	15
13) Ethanol	3.63	45	6908	0.819	ppbv #	100
15) Acetone	3.88	43	28190	0.412	ppbv #	87
20) Methylene Chloride	4.35	84	22494	0.582	ppbv	92
25) Ethyl Acetate	5.69	43	10114	0.055	ppbv #	81
26) Hexane	5.70	57	7623	0.082	ppbv #	40
39) 1,2-Dichloropropane	7.18	63	465352	7.477	ppbv #	25

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

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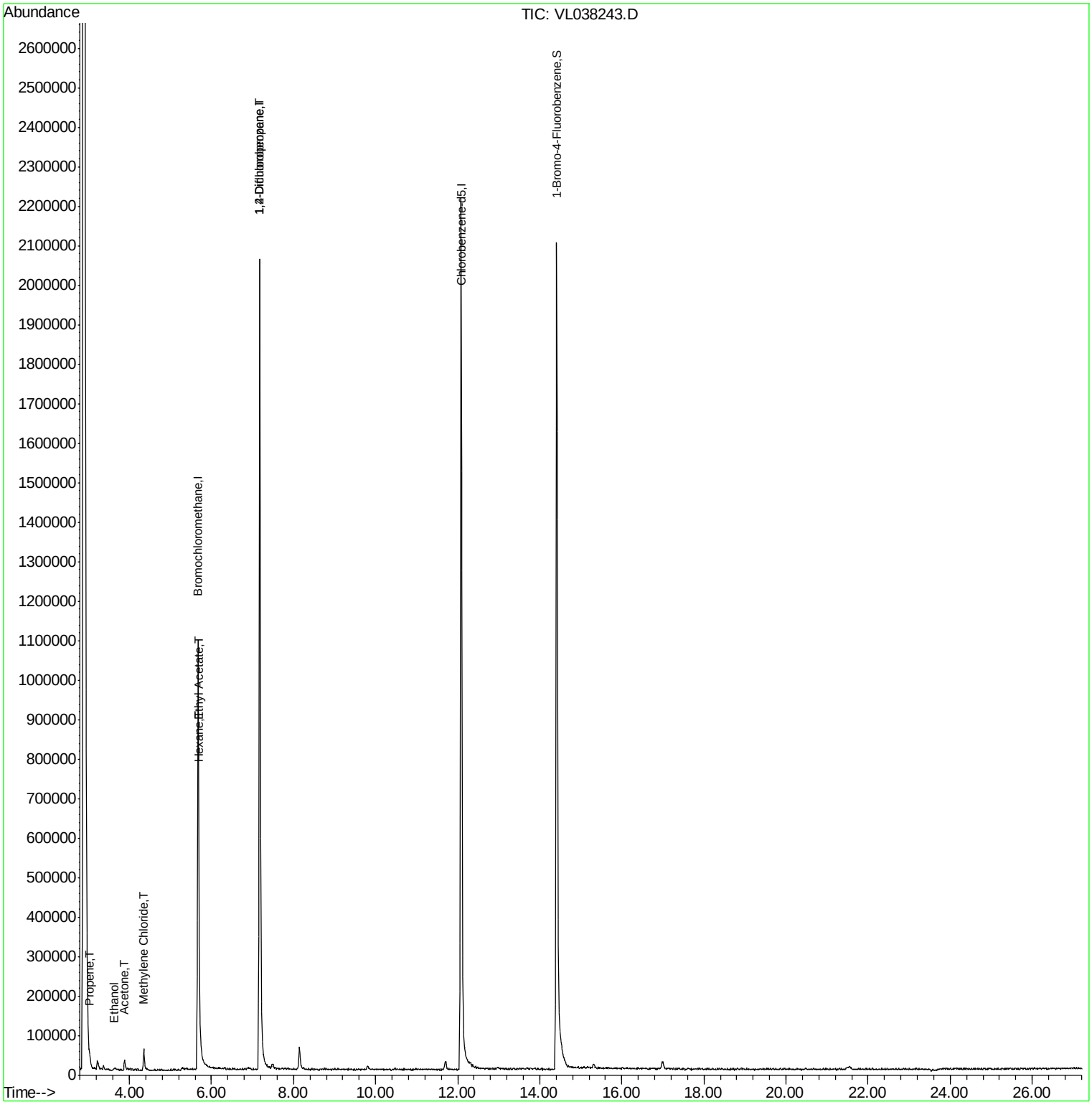
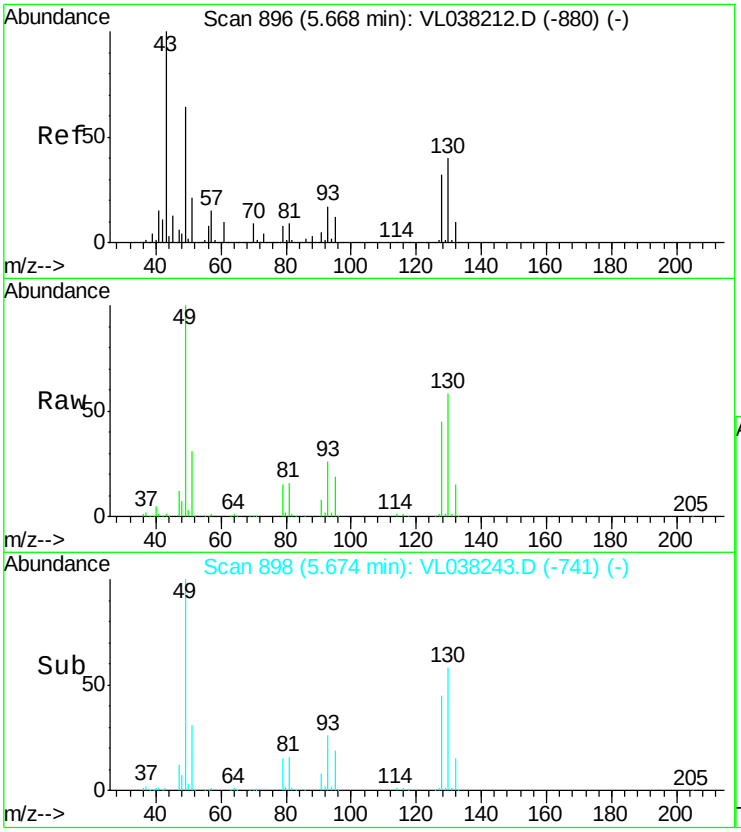


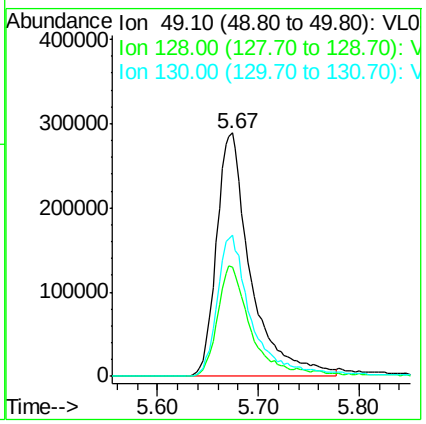


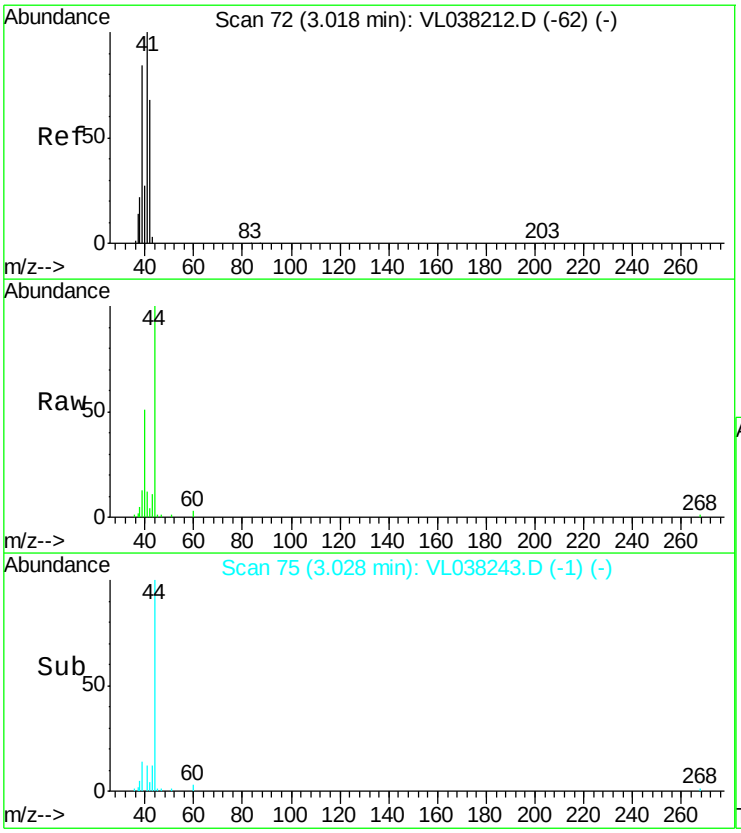
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 49 Resp: 681947

Ion	Ratio	Lower	Upper
49	100		
128	46.4	26.9	80.6
130	59.5	32.3	96.9

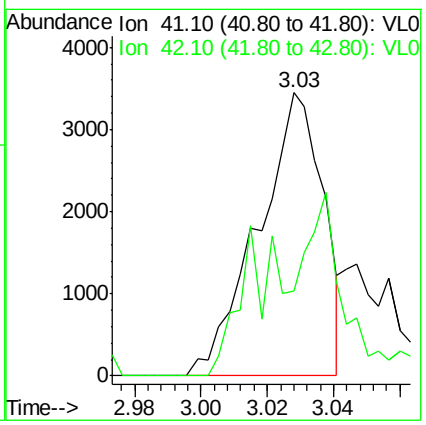


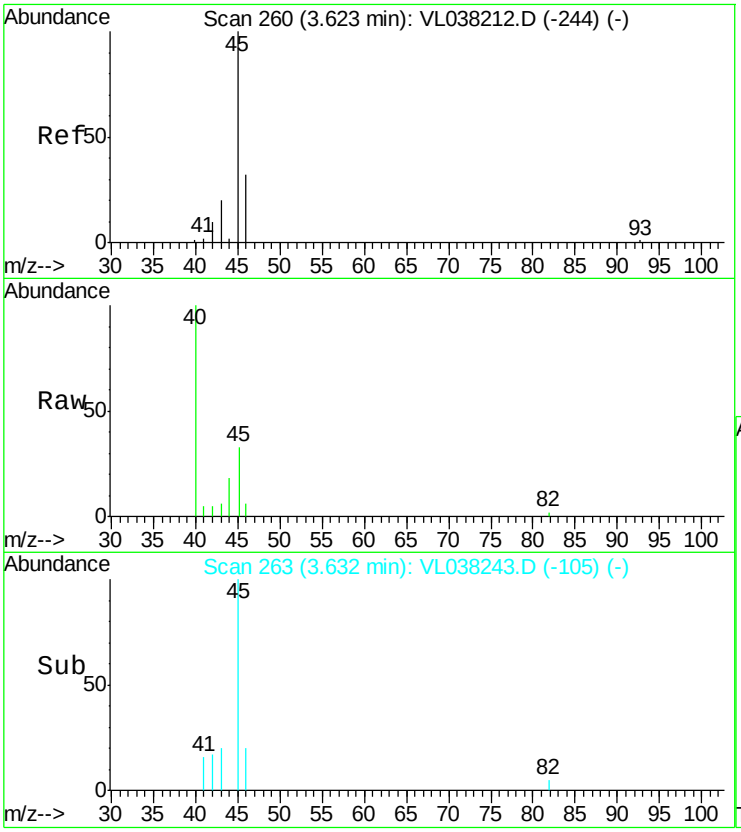


#9
Propene
Concen: 0.094 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.01 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion: 41 Resp: 4679

Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.5	83.3#



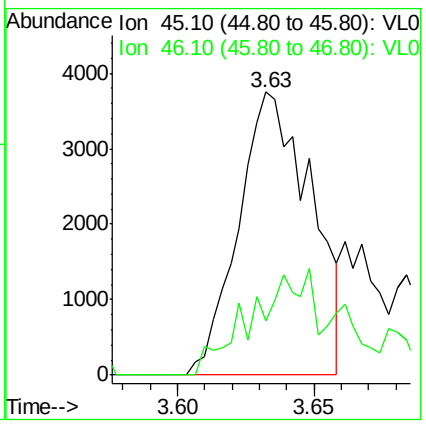


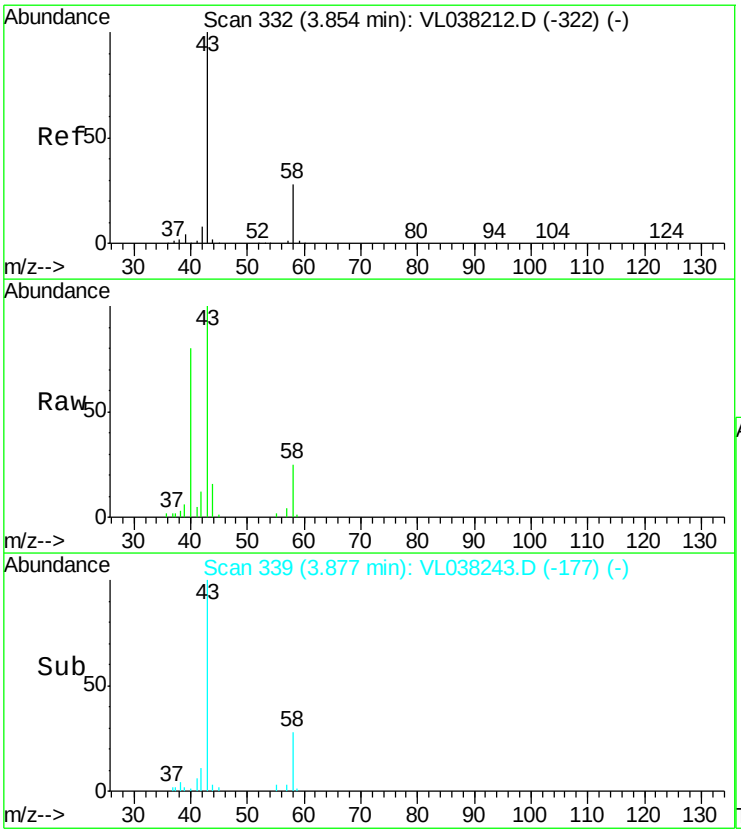
#13
Ethanol
Concen: 0.819 ppbv
RT: 3.63
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 45 Resp: 6908

Ion	Ratio	Lower	Upper
45	100		
46	0.0	0.0	0.0

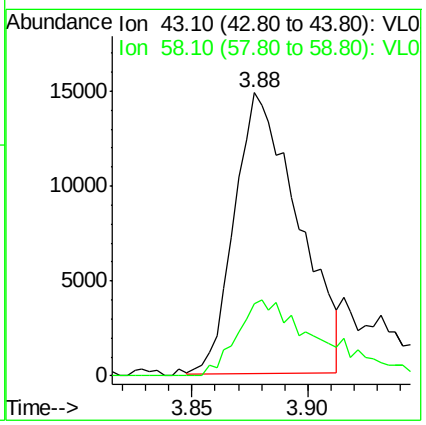


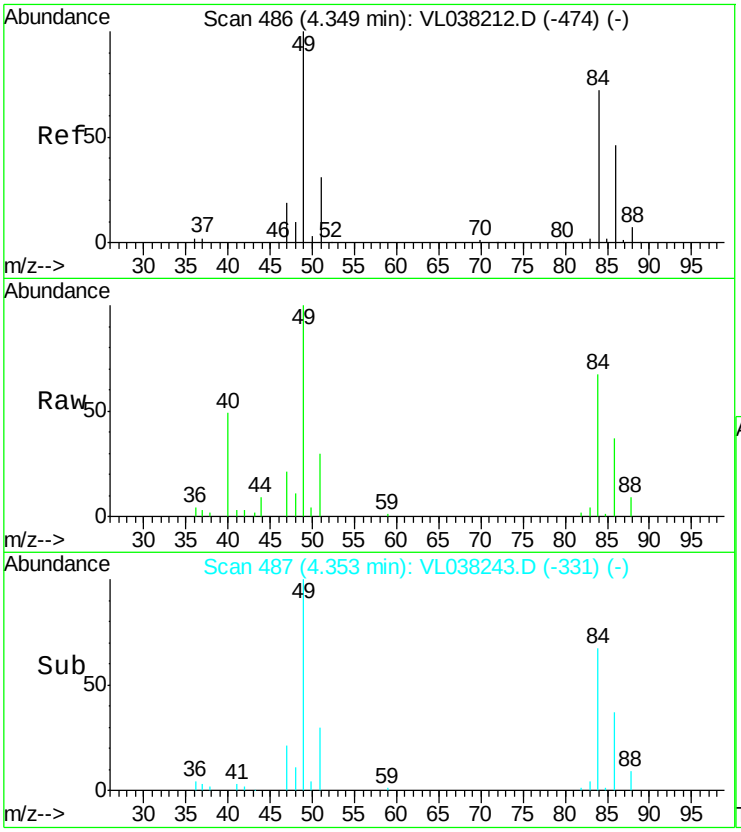


#15
Acetone
Concen: 0.412 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion: 43 Resp: 28190

Ion	Ratio	Lower	Upper
43	100		
58	36.0	23.3	34.9#



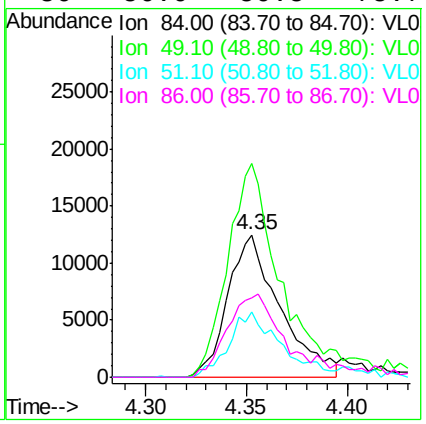


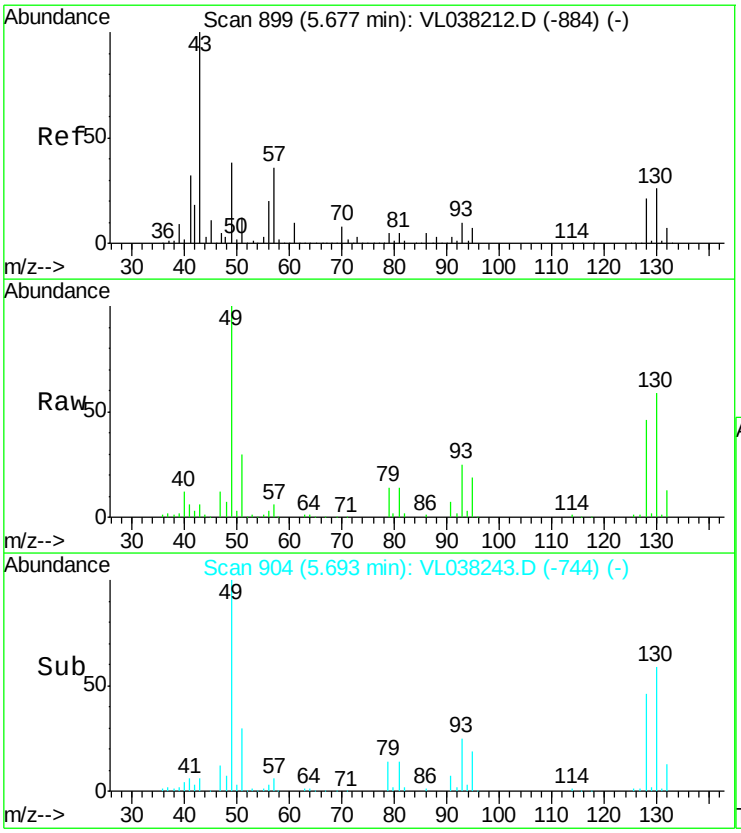
#20
Methylene Chloride
Concen: 0.582 ppbv
RT: 4.35
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 84 Resp: 22494

Ion	Ratio	Lower	Upper
84	100		
49	149.7	110.6	166.0
51	45.4	34.2	51.2
86	56.0	50.5	75.7

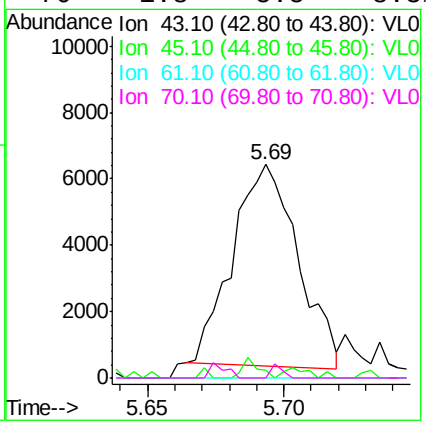


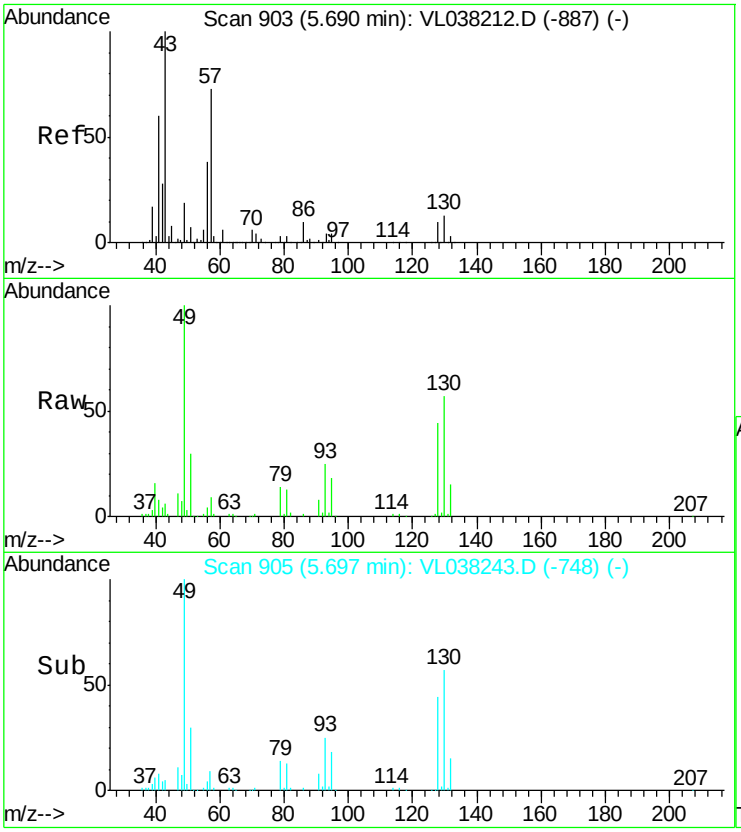


#25
Ethyl Acetate
Concen: 0.055 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.02 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion: 43 Resp: 10114

Ion	Ratio	Lower	Upper
43	100		
45	4.6	7.9	11.9#
61	0.0	8.1	12.1#
70	1.8	5.5	8.3#



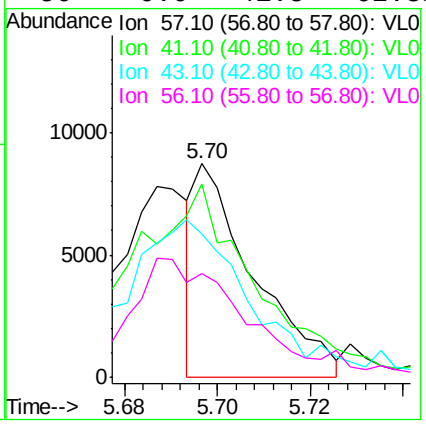


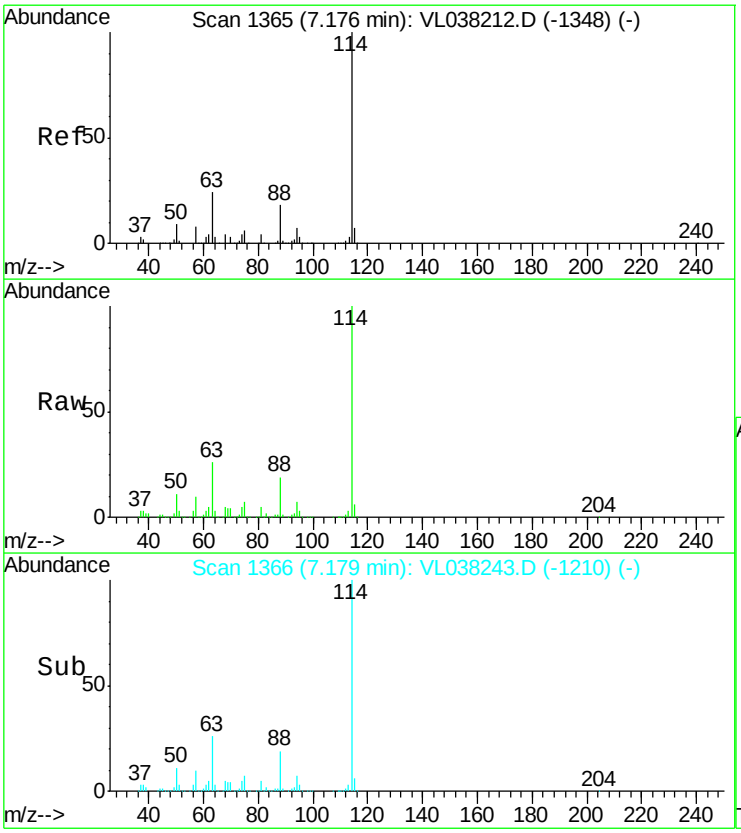
#26
Hexane
Concen: 0.082 ppbv
RT: 5.70
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 57 Resp: 7623

Ion	Ratio	Lower	Upper
57	100		
41	204.7	69.0	103.6#
43	168.8	171.2	256.8#
56	0.0	41.5	62.3#

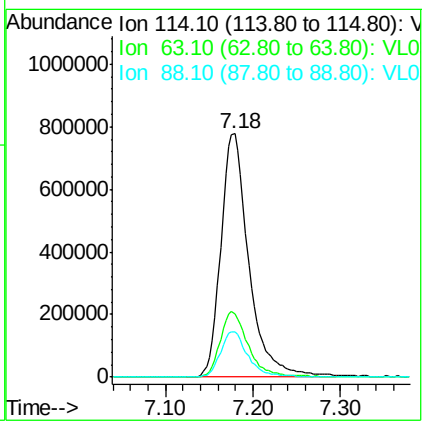


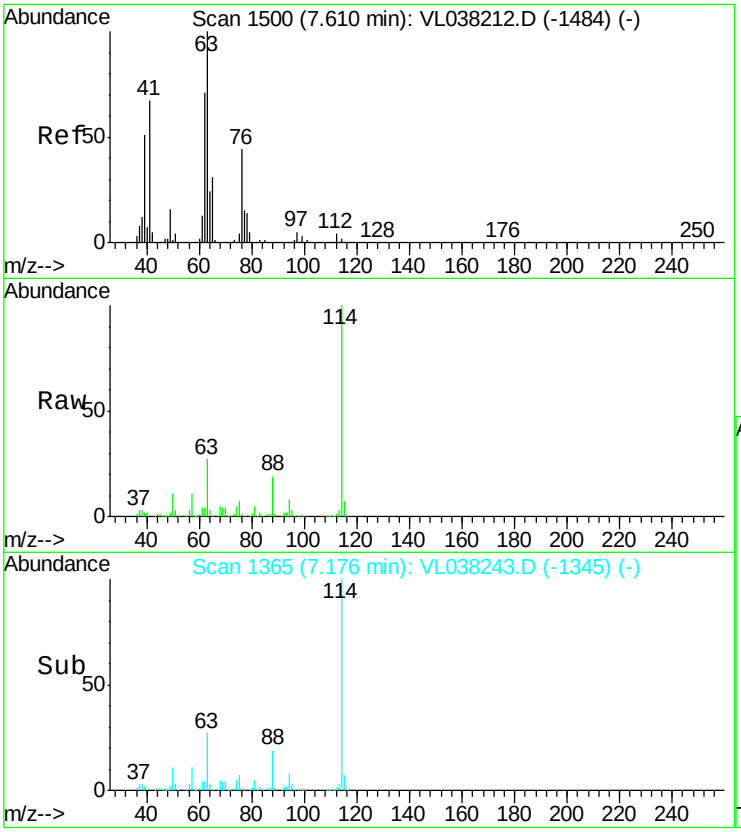


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion:114 Resp: 1733535

Ion	Ratio	Lower	Upper
114	100		
63	27.4	19.7	29.5
88	18.5	14.3	21.5



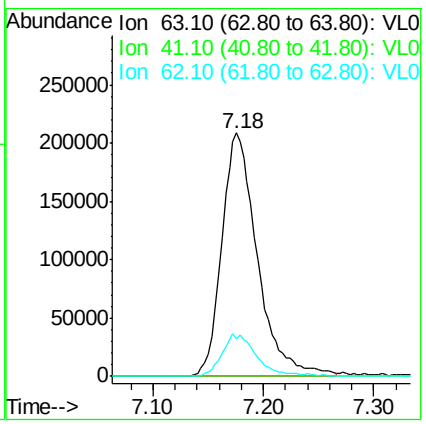


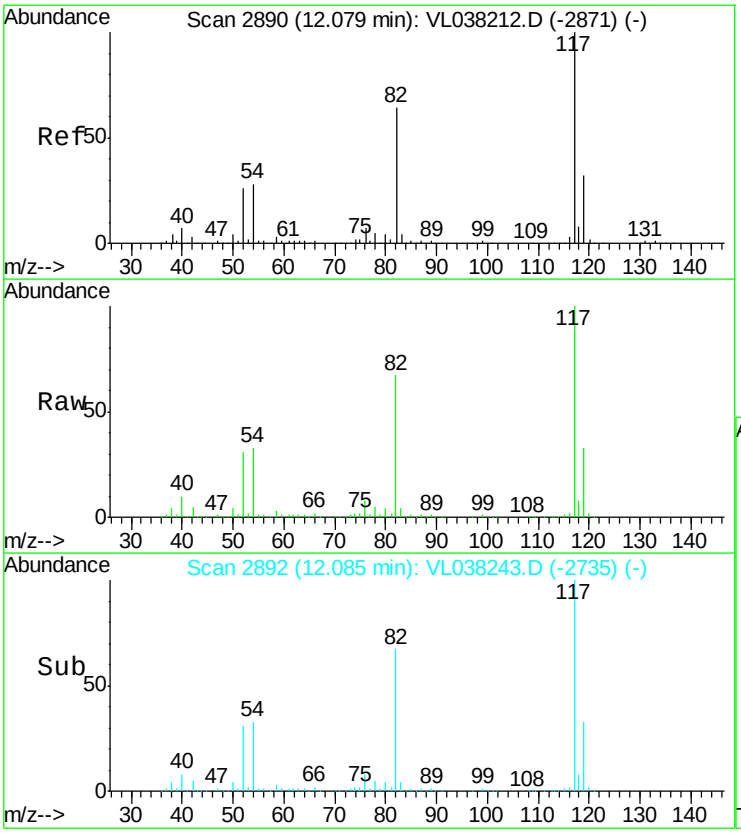
#39
1,2-Dichloropropane
Concen: 7.477 ppbv
RT: 7.18
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 63 Resp: 465352

Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.4	80.2#
62	15.3	56.5	84.7#

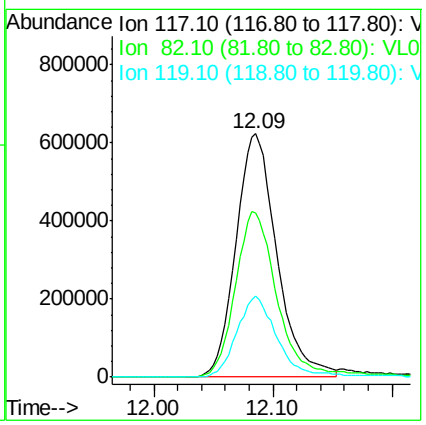


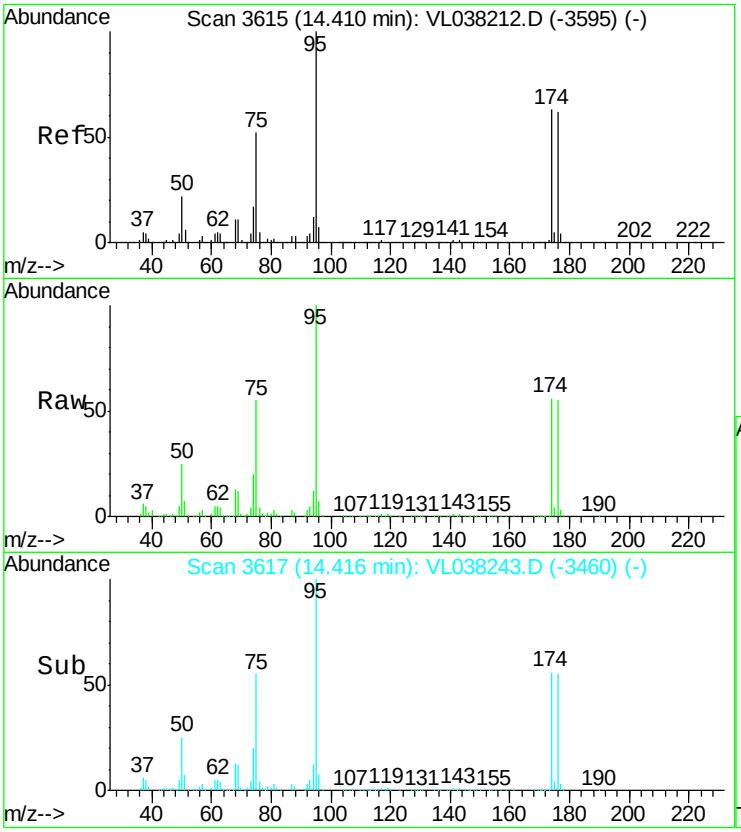


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.01 min
Lab File: VL038243.D
Acq: 29 Dec 2021 21:54

Tgt Ion:117 Resp: 1484443

Ion	Ratio	Lower	Upper
117	100		
82	72.0	53.3	79.9
119	33.2	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.358 ppbv
RT: 14.42
Delta R.T
Lab File:
Acq: 29 Dec 2021 21:54

Instrument :
MSVOA_L
ClientSampleId :
1ST-FLOORDL2

Tgt Ion: 95 Resp: 1184872

Ion	Ratio	Lower	Upper
95	100		
174	61.5	54.6	81.8
175	4.3	4.1	6.1