Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052421\
Data File : VL037052.D
Acq On : 24 May 2021 17:25
Operator : SY/AP
Sample : M2262-13.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 25 01:50:56 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051821AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue May 18 12:00:15 2021
QLast Update : Tue May 18 12:00:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.64	49	1105548	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.15	114	3462960	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.06	117	3001246	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.39	95	2160445	9.58	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	6695	0.036	ppbv		99
6) Bromomethane	3.45	94	1317	0.033	ppbv	#	34
8) Dichlorotetrafluoroethane	3.17	85	7759	0.044	ppbv		85
11) Trichlorofluoromethane	3.93	101	7874	0.045	ppbv		89
12) 1,1,2-Trichlorotrifluoroet	4.46	101	3858	0.031	ppbv	#	49
13) Ethanol	3.62	45	821	0.085	ppbv	#	35
20) Methylene Chloride	4.32	84	12223	0.201	ppbv		93
25) Ethyl Acetate	5.66	43	9404	0.035	ppbv	#	84
26) Hexane	5.66	57	11485	0.083	ppbv	#	56
29) Chloroform	5.73	83	8154	0.042	ppbv		100
39) 1,2-Dichloropropane	7.15	63	806946	7.023	ppbv	#	26

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

Quantitation Report (Not Reviewed)

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Data File : VL037052.D
Acq On : 24 May 2021 17:25
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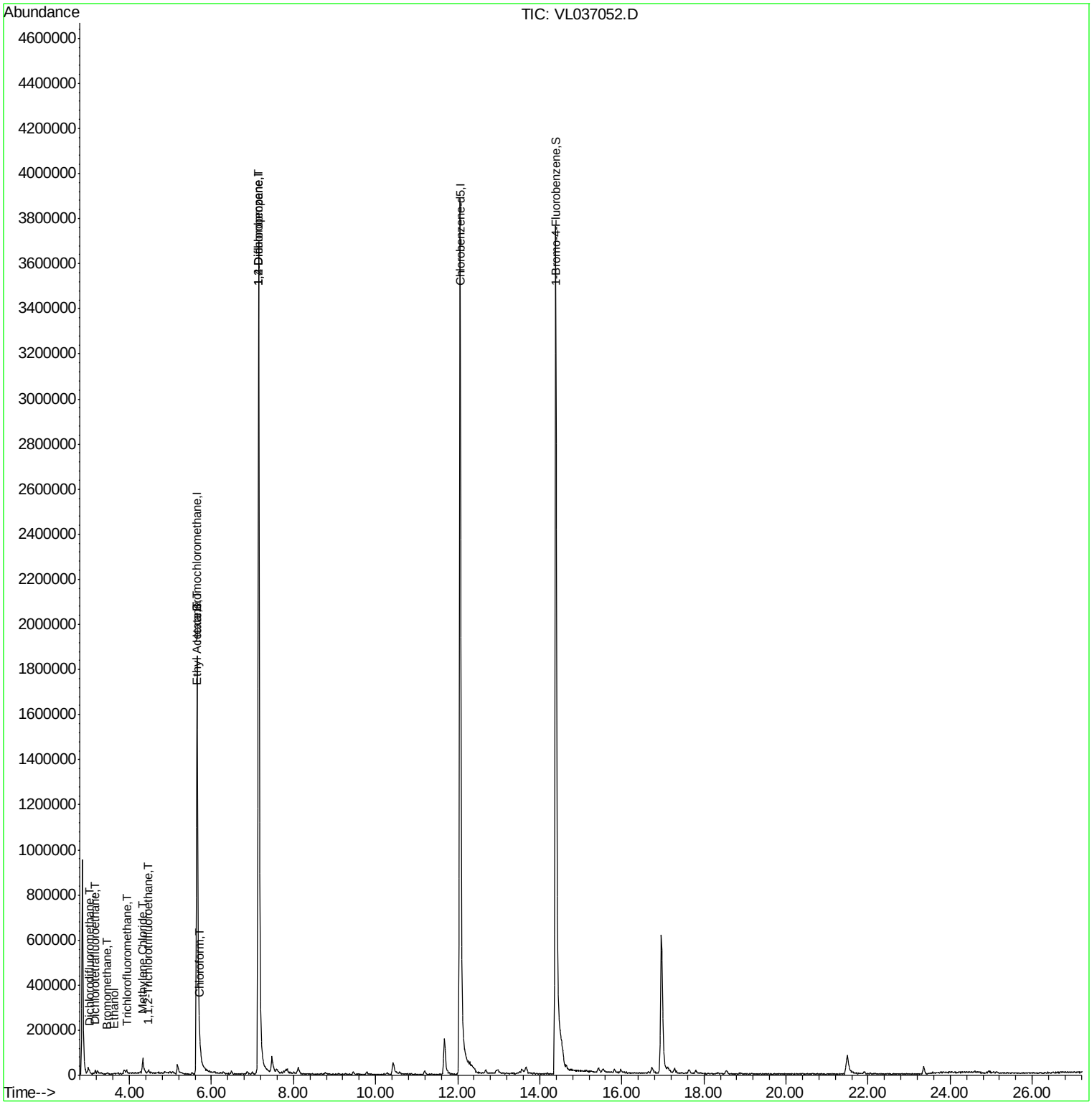
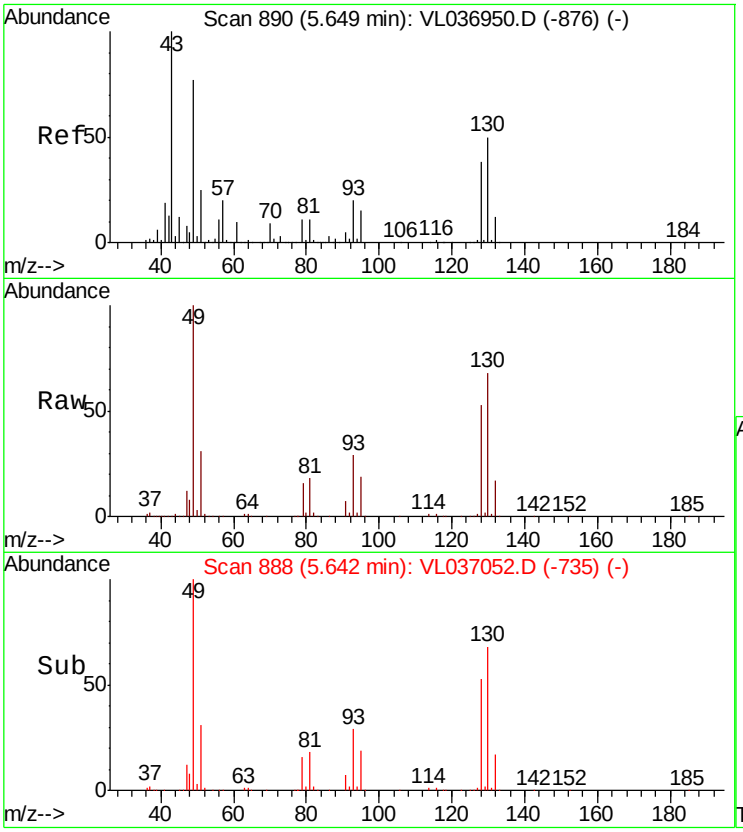


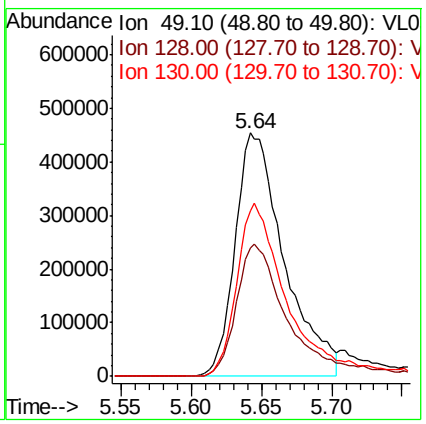


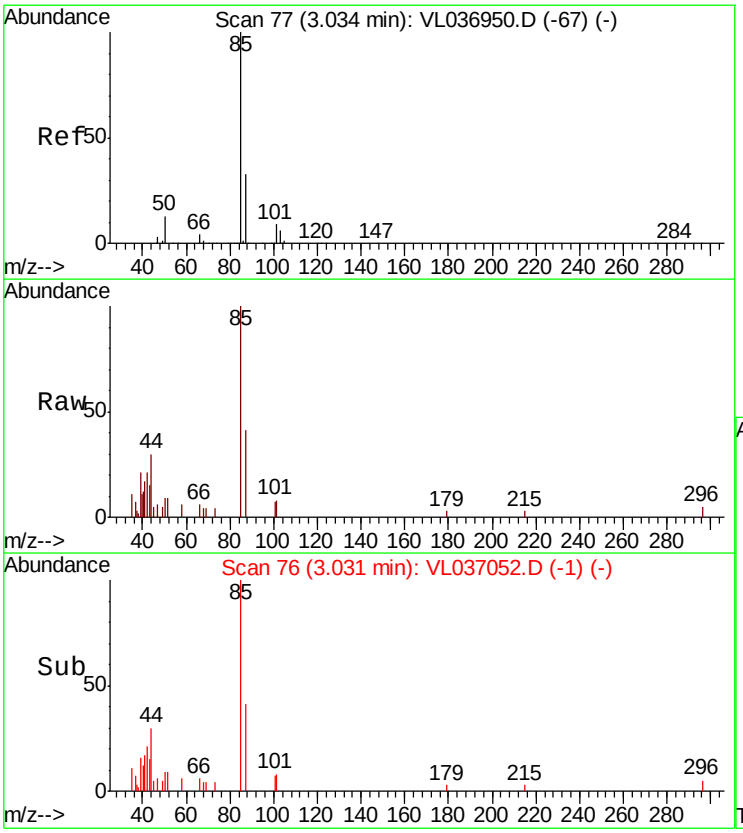
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1105548

Ion	Ratio	Lower	Upper
49	100		
128	59.6	26.9	80.7
130	77.0	33.8	101.4

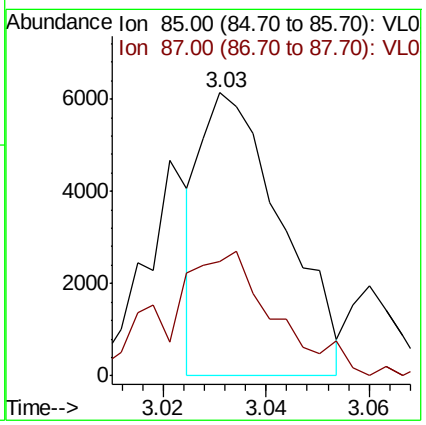


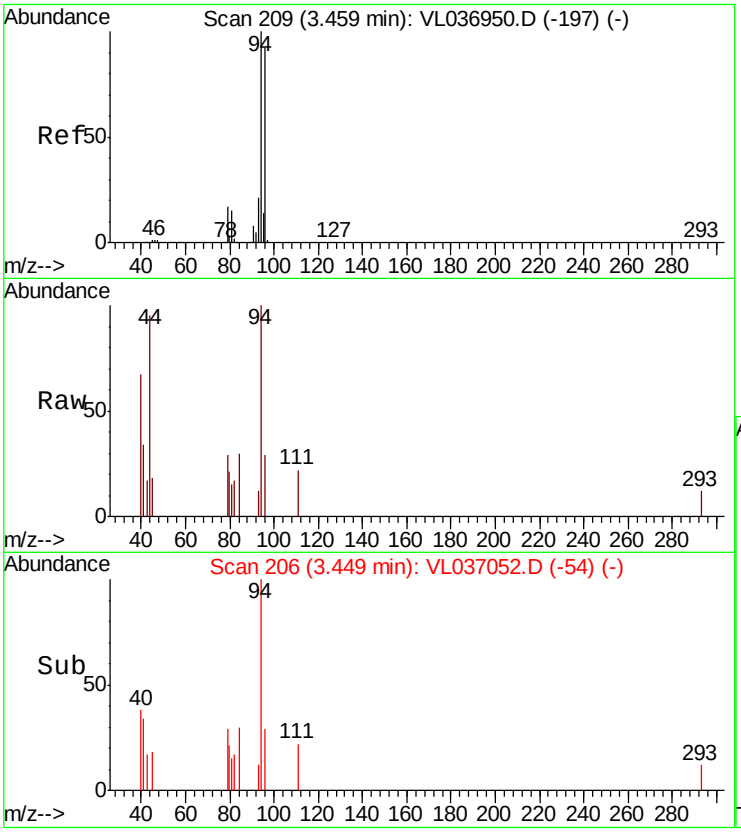


#2
Dichlorodifluoromethane
Concen: 0.036 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion: 85 Resp: 6695

Ion	Ratio	Lower	Upper
85	100		
87	32.7	26.6	39.8



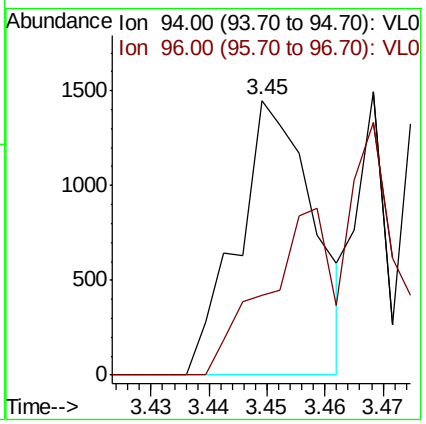


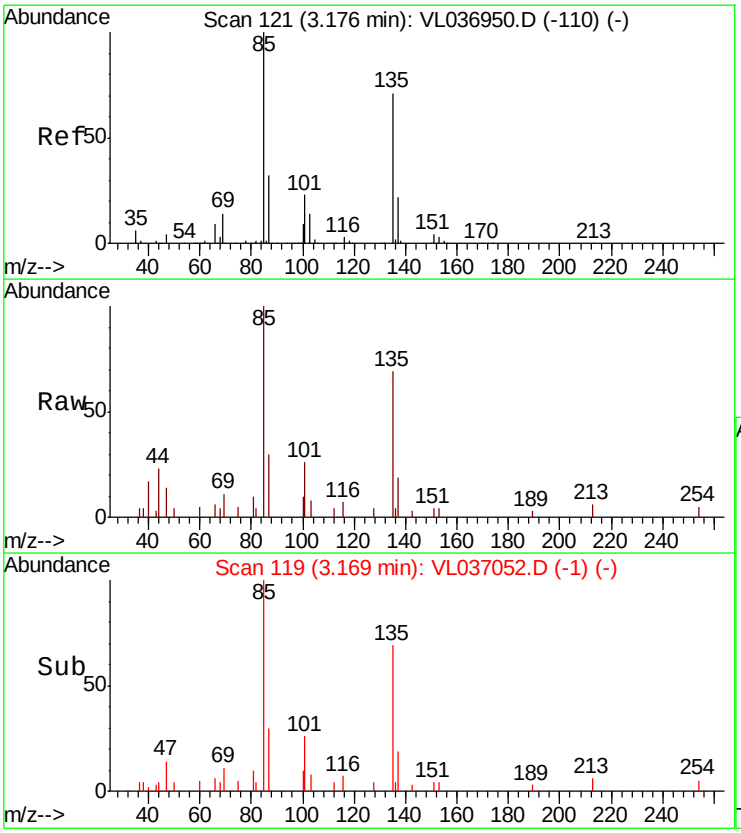
#6
Bromomethane
Concen: 0.033 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 94 Resp: 1317

Ion	Ratio	Lower	Upper
94	100		
96	29.2	74.0	111.0#

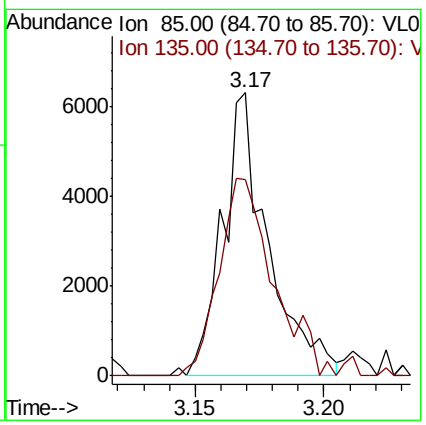


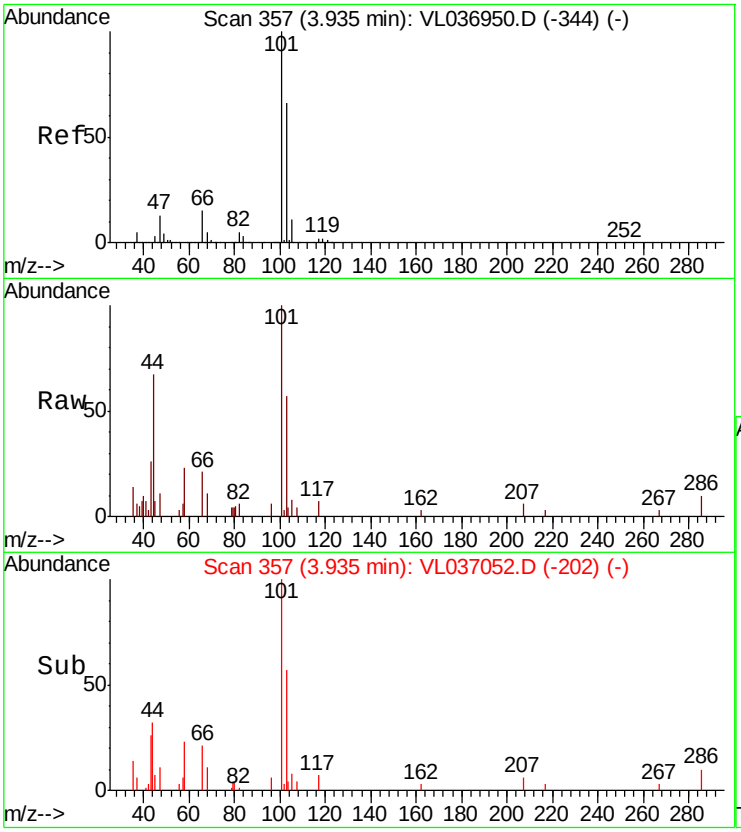


#8
Dichlorotetrafluoroethane
Concen: 0.044 ppbv
RT: 3.17 min Scan# 119
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion: 85 Resp: 7759

Ion	Ratio	Lower	Upper
85	100		
135	85.0	57.7	86.5



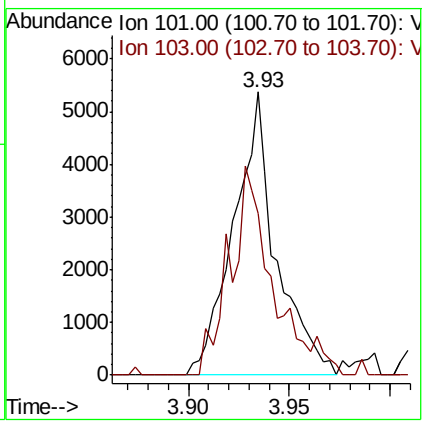


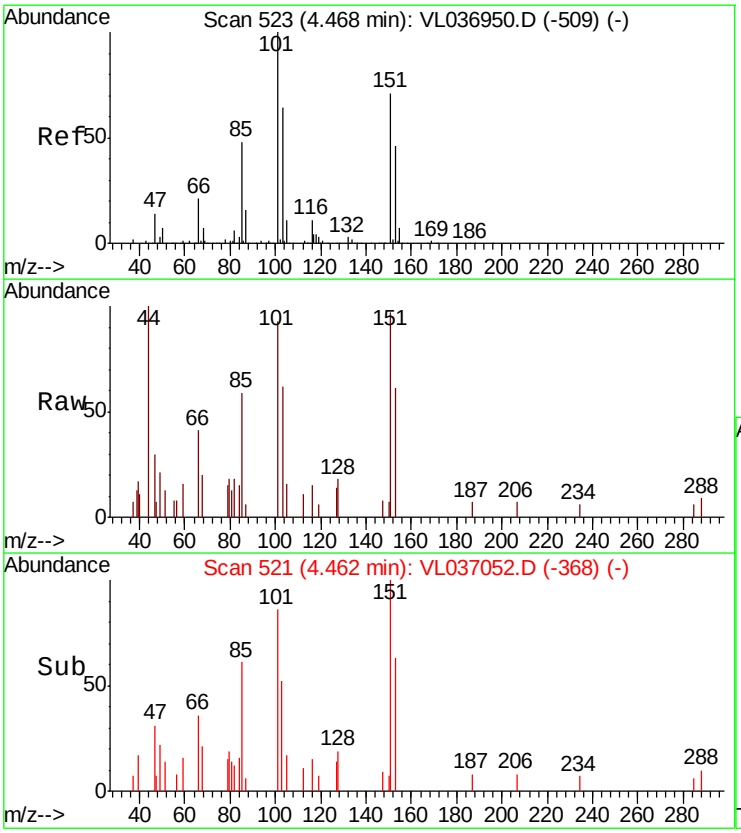
#11
Trichlorofluoromethane
Concen: 0.045 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 7874

Ion	Ratio	Lower	Upper
101	100		
103	57.3	52.6	79.0

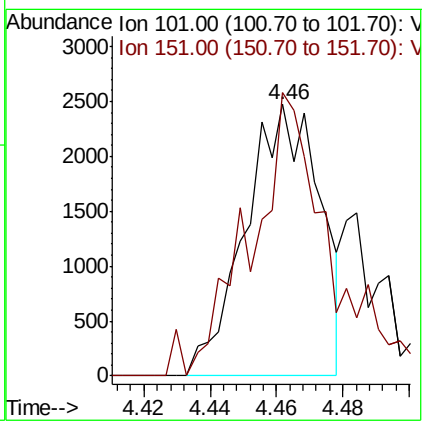


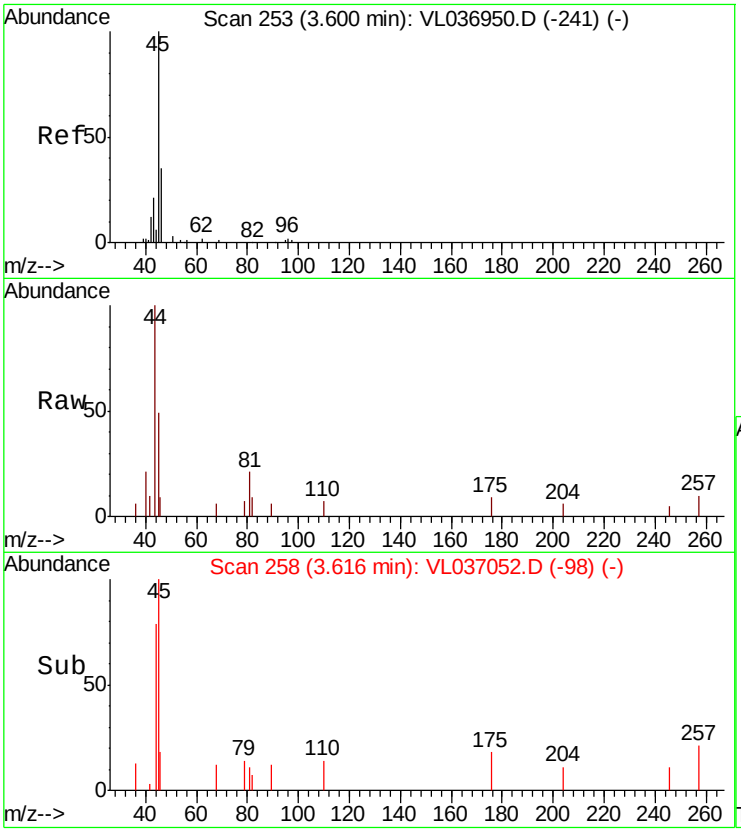


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.031 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion:101 Resp: 3858

Ion	Ratio	Lower	Upper
101	100		
151	114.9	57.7	86.5#



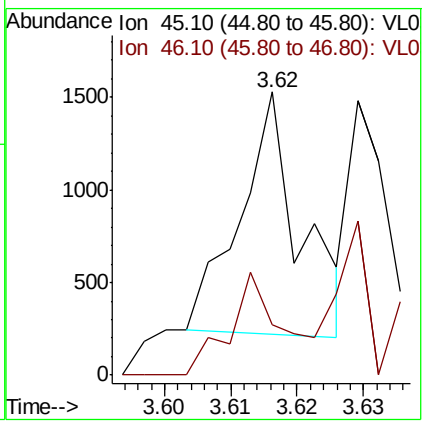


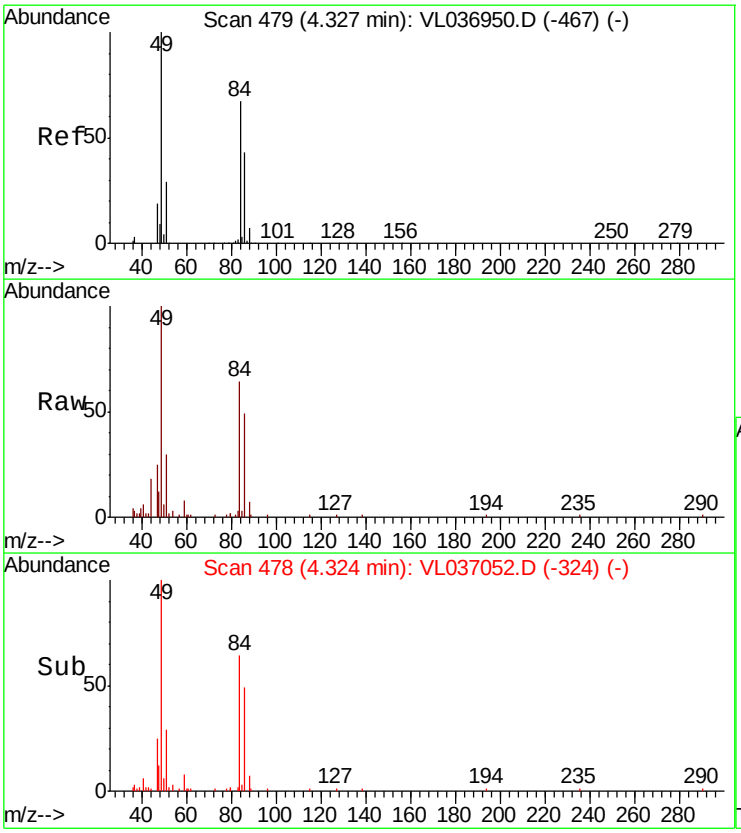
#13
Ethanol
Concen: 0.085 ppbv
RT: 3.62 min Scan# 258
Delta R.T. 0.02 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 821

Ion	Ratio	Lower	Upper
45	100		
46	0.0	16.3	65.3#

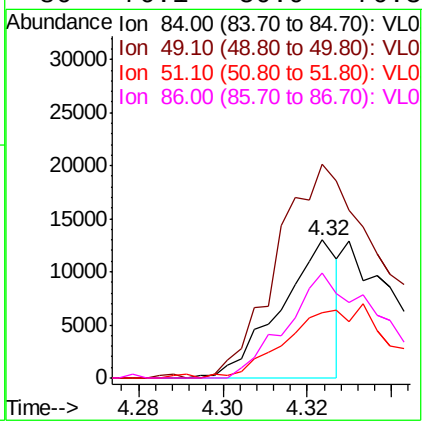


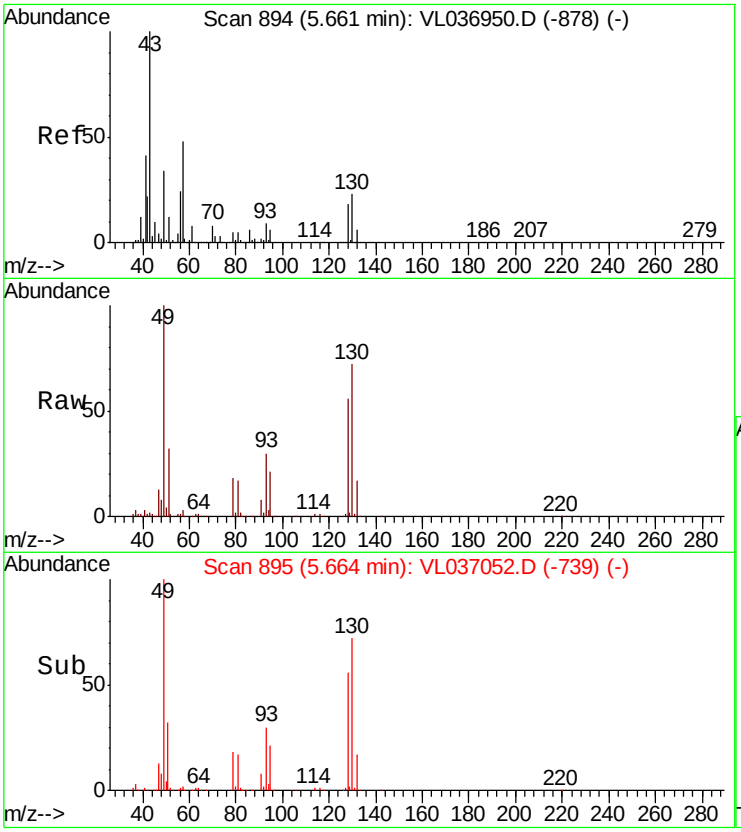


#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion: 84 Resp: 12223

Ion	Ratio	Lower	Upper
84	100		
49	155.1	119.8	179.6
51	44.6	35.1	52.7
86	76.1	50.9	76.3



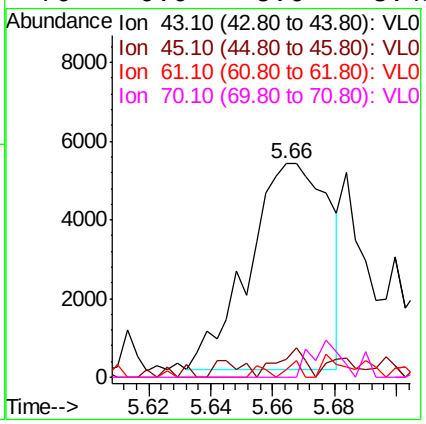


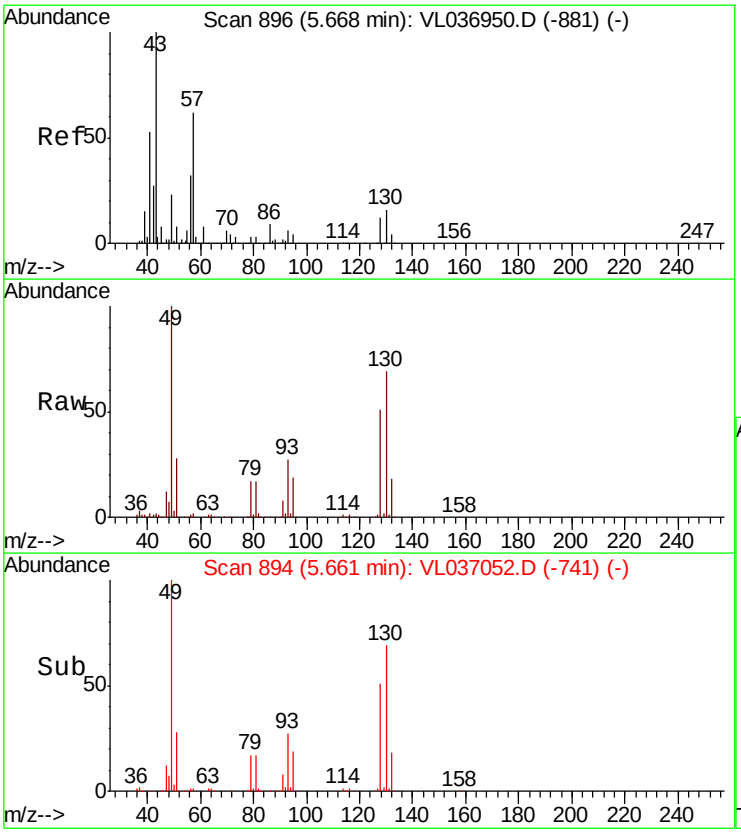
#25
Ethyl Acetate
Concen: 0.035 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 9404

Ion	Ratio	Lower	Upper
43	100		
45	10.8	7.8	11.8
61	0.0	7.8	11.8#
70	0.0	5.6	8.4#

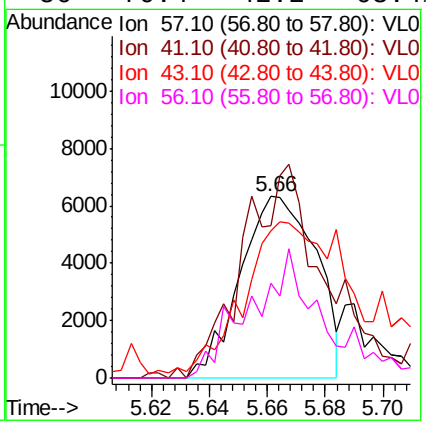


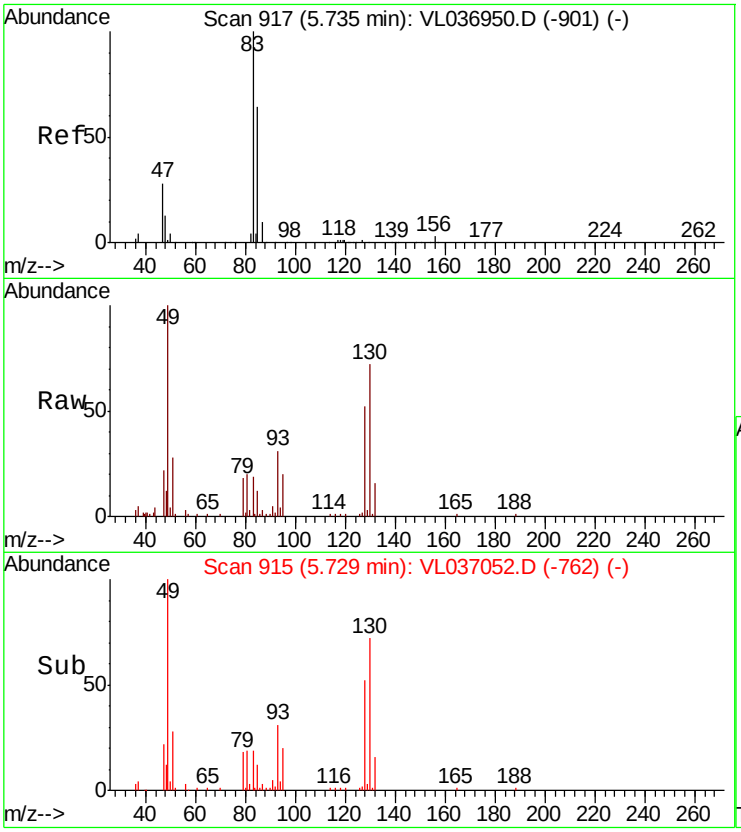


#26
Hexane
Concen: 0.083 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion: 57 Resp: 11485

Ion	Ratio	Lower	Upper
57	100		
41	139.0	70.5	105.7#
43	139.8	165.8	248.8#
56	70.4	42.2	63.4#



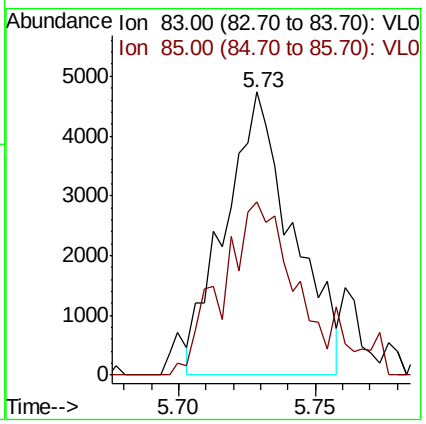


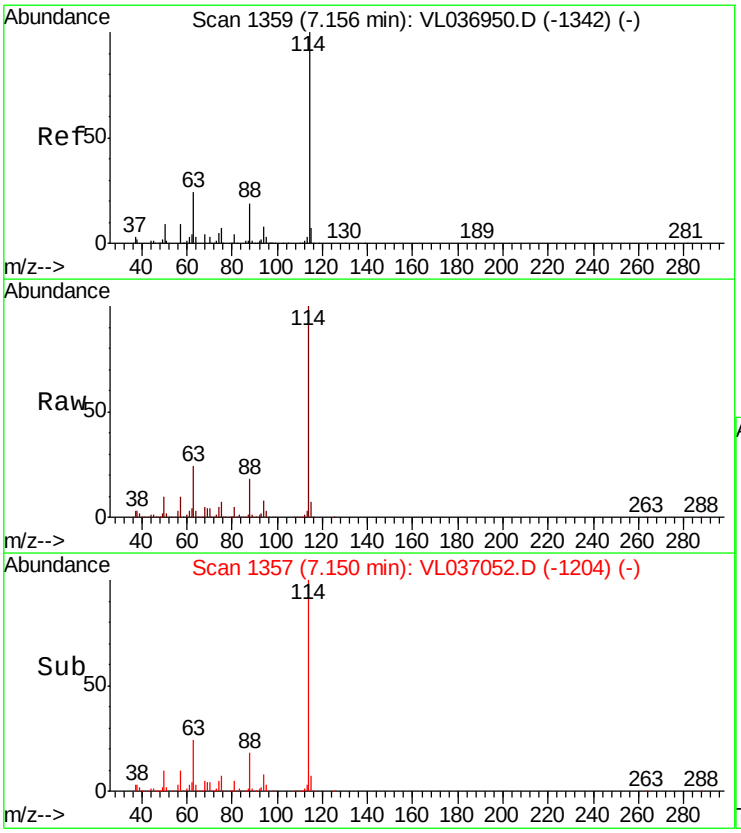
#29
Chloroform
Concen: 0.042 ppbv
RT: 5.73 min Scan# 915
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 8154

Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.1	76.7

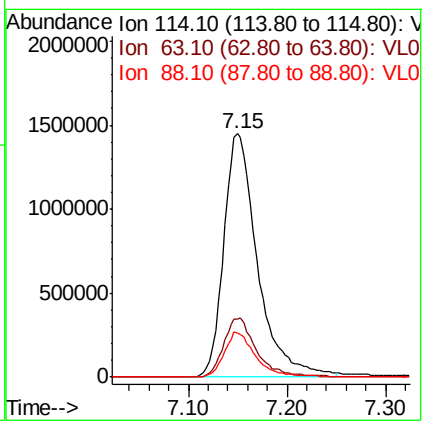


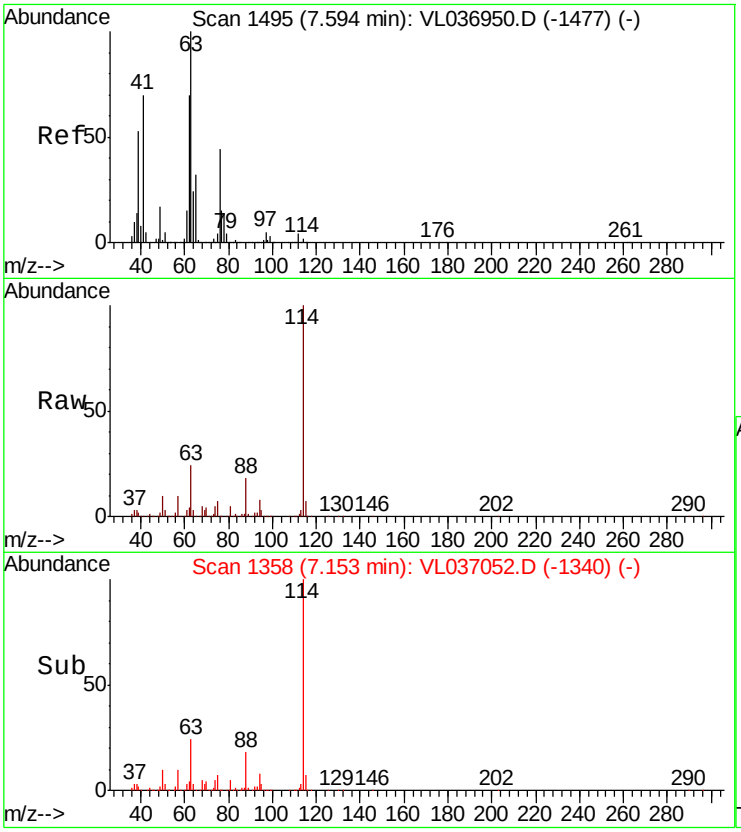


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion:114 Resp: 3462960

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.7	14.6	21.8



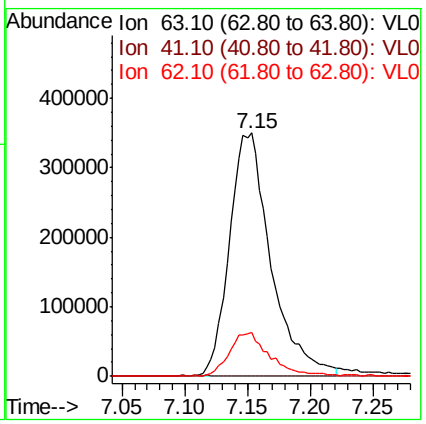


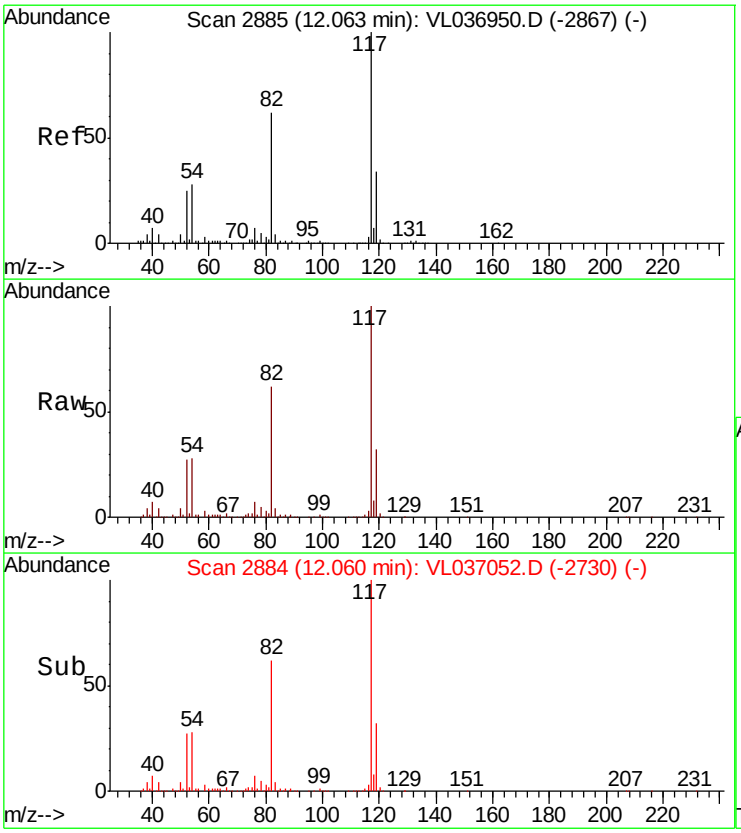
#39
1,2-Dichloropropane
Concen: 7.023 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.44 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 806946

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.7	83.5#
62	18.2	56.2	84.4#

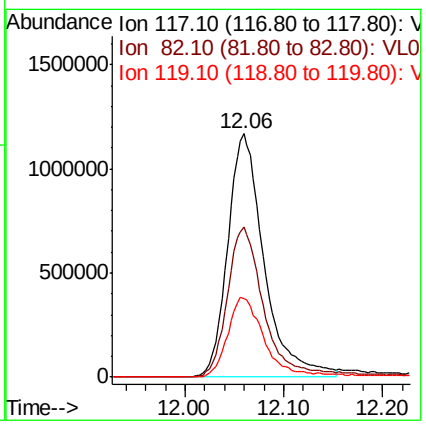


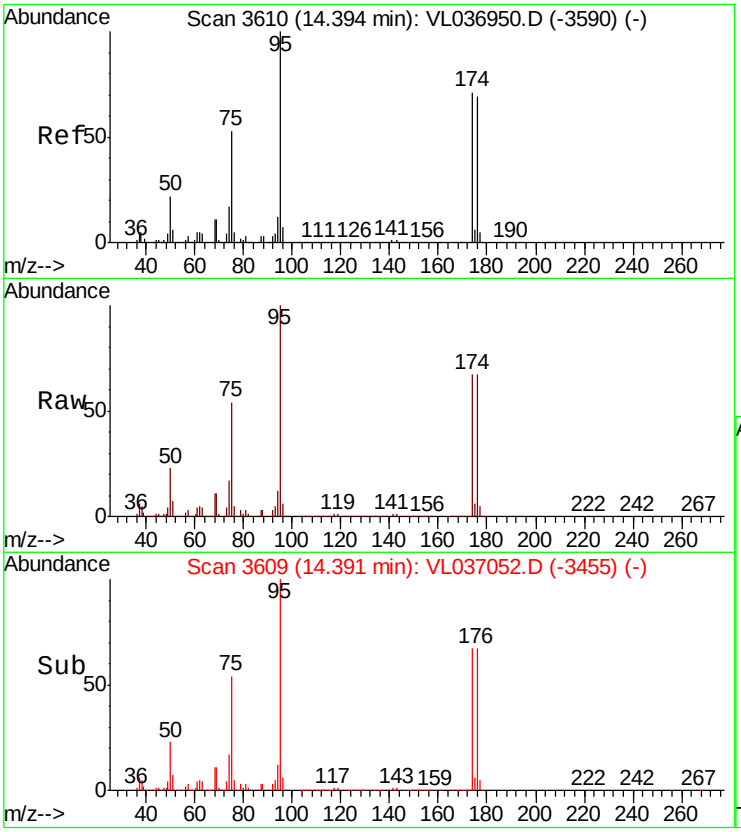


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Tgt Ion:117 Resp: 3001246

Ion	Ratio	Lower	Upper
117	100		
82	64.6	52.6	79.0
119	34.4	46.6	70.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.582 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037052.D
Acq: 24 May 2021 17:25

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2160445

Ion	Ratio	Lower	Upper
95	100		
174	76.0	58.4	87.6
175	5.6	4.4	6.6