Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111621\
Data File : VL038031.D
Acq On : 16 Nov 2021 8:08
Operator : SY/AP
Sample : VL1116ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Nov 17 06:39:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111621AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov 16 09:59:16 2021
QLast Update : Tue Nov 16 09:59:16 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	676164	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2802171	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2489675	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1801805	10.02	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
9) Propene	3.02	41	3219	0.049	ppbv	98
20) Methylene Chloride	4.34	84	2683	0.058	ppbv #	86
39) 1,2-Dichloropropane	7.16	63	660579	6.411	ppbv #	27

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

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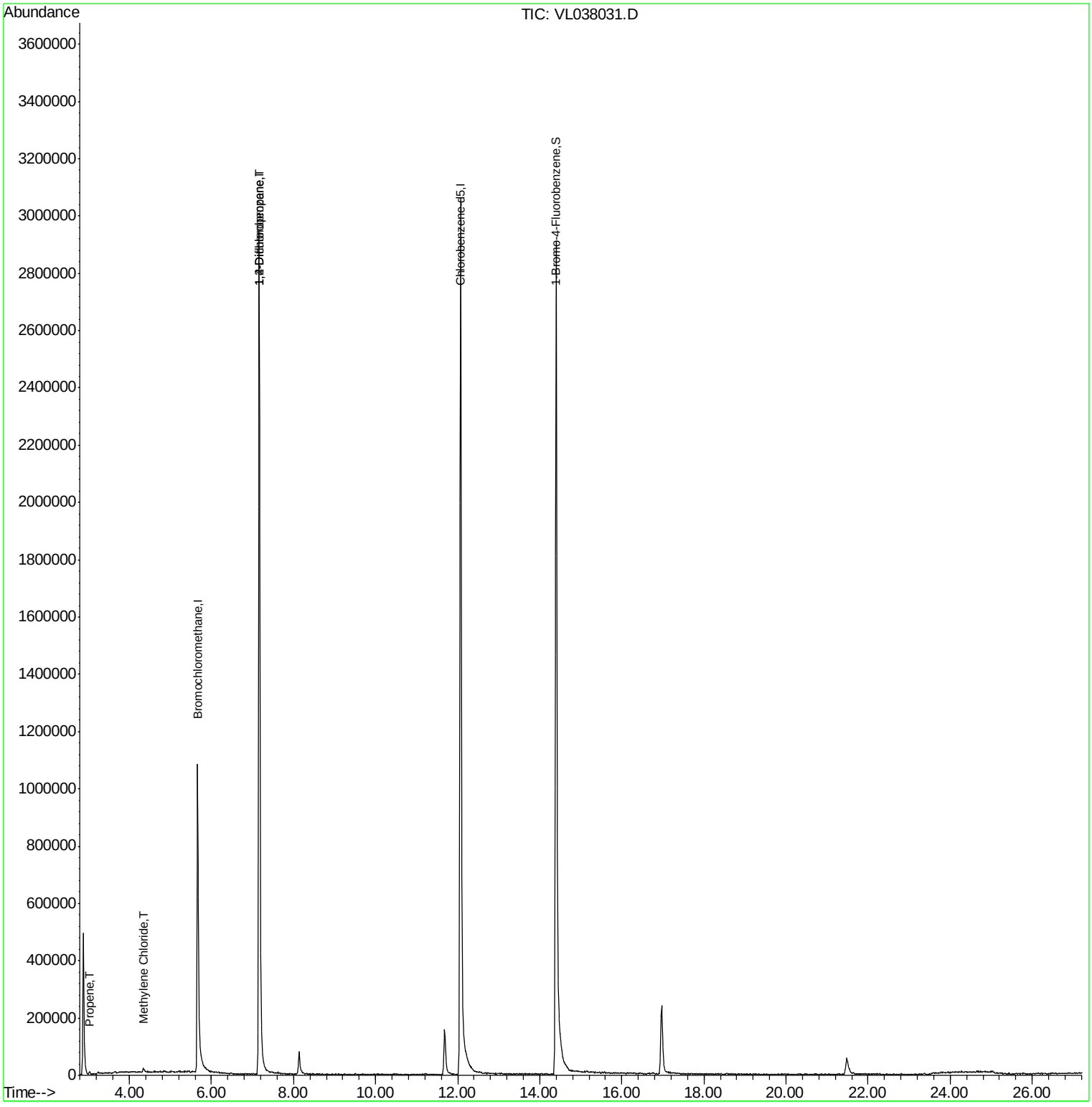
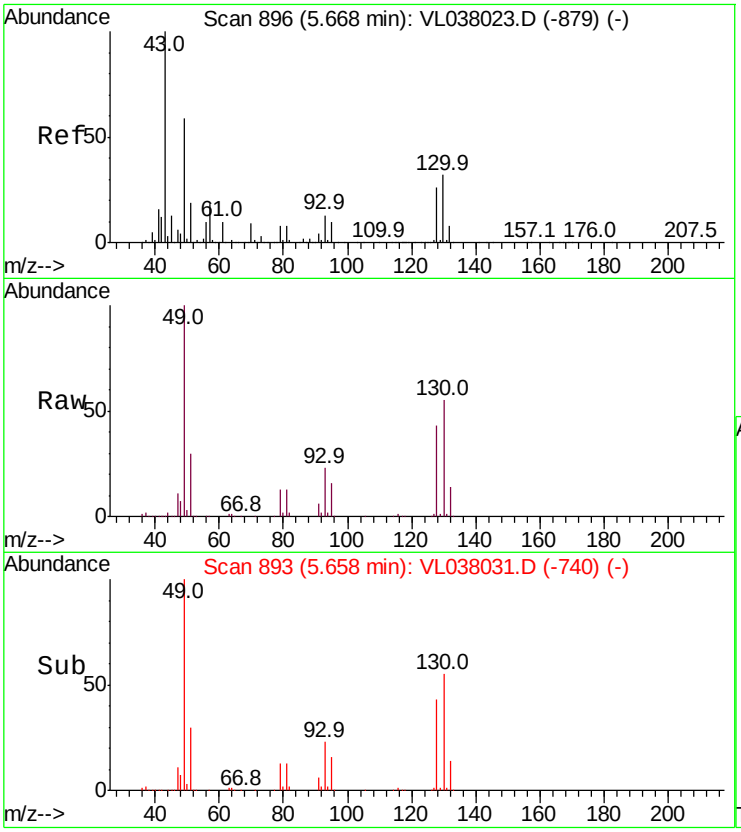


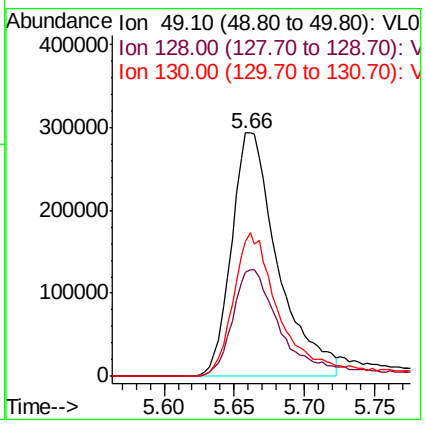


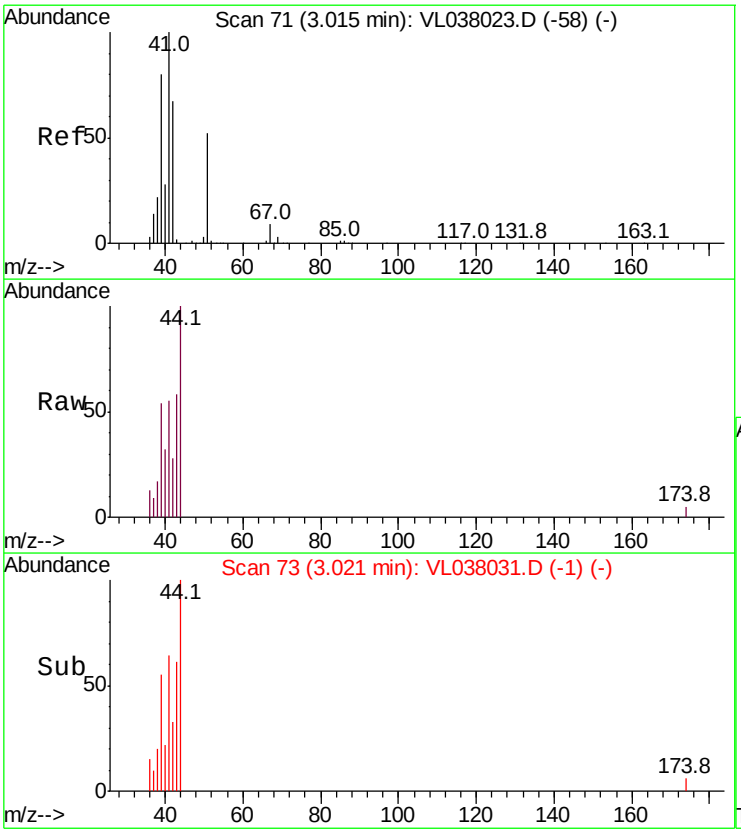
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 16 Nov 2021 8:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 676164

Ion	Ratio	Lower	Upper
49	100		
128	49.9	23.4	70.2
130	64.6	29.1	87.3

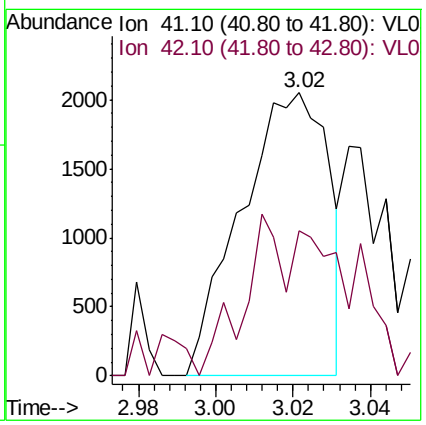


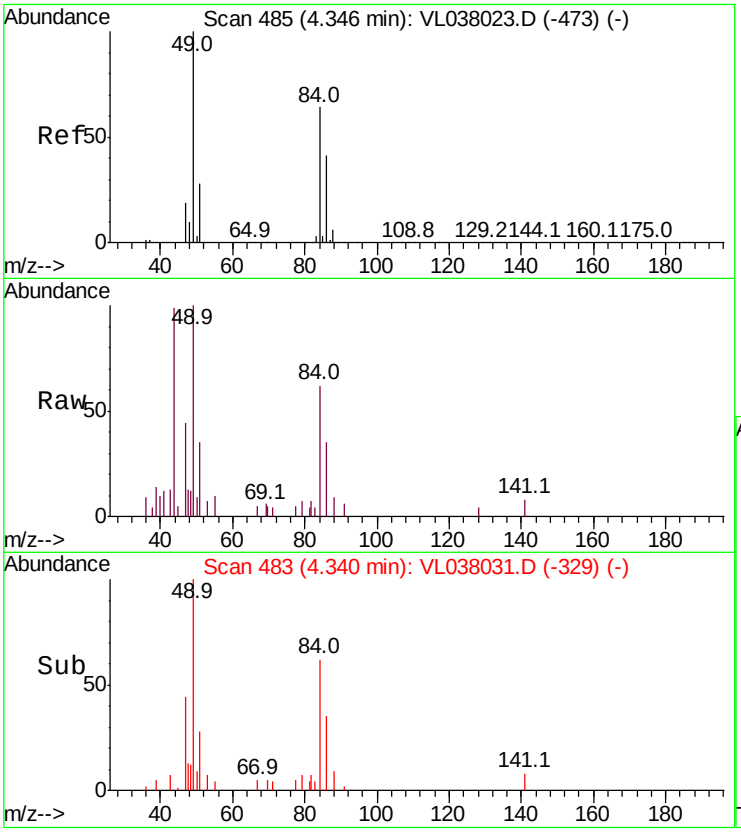


#9
Propene
Concen: 0.049 ppbv
RT: 3.02 min Scan# 73
Delta R.T. 0.01 min
Lab File: VL038031.D
Acq: 16 Nov 2021 8:08

Tgt Ion: 41 Resp: 3219

Ion	Ratio	Lower	Upper
41	100		
42	70.5	55.4	83.0



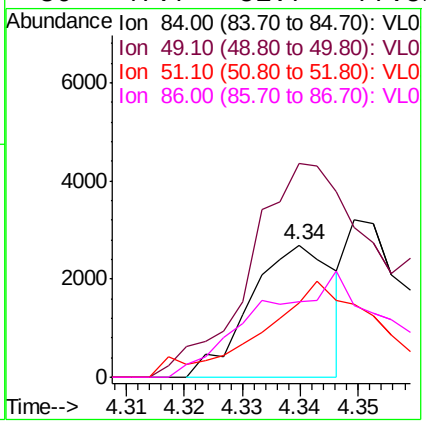


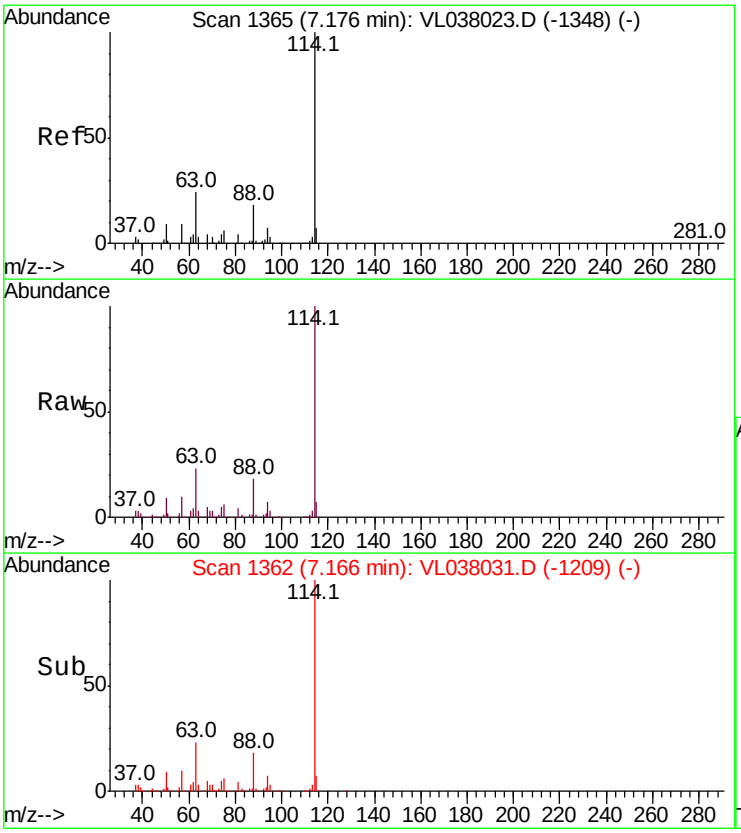
#20
Methylene Chloride
Concen: 0.058 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 16 Nov 2021 8:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 2683

Ion	Ratio	Lower	Upper
84	100		
49	138.3	125.1	187.7
51	46.6	35.3	52.9
86	47.7	51.7	77.5#

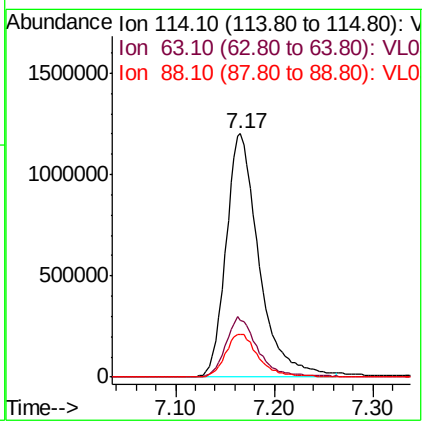


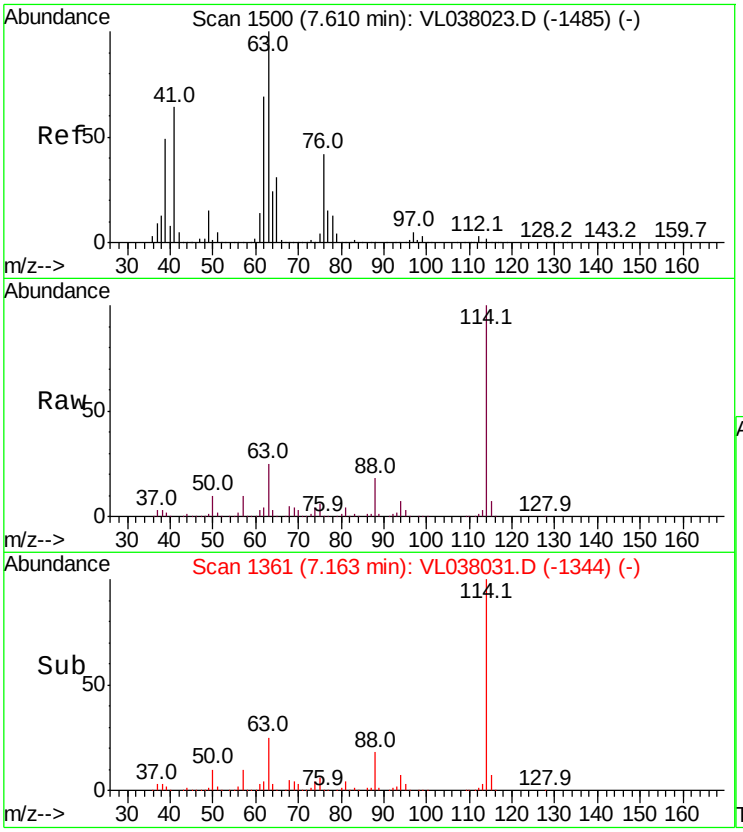


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL038031.D
Acq: 16 Nov 2021 8:08

Tgt Ion:114 Resp: 2802171

Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.8	29.6
88	17.9	14.6	21.8



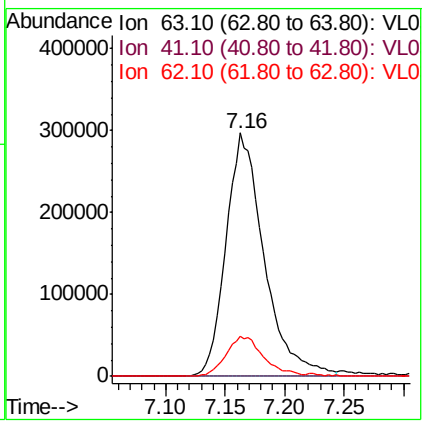


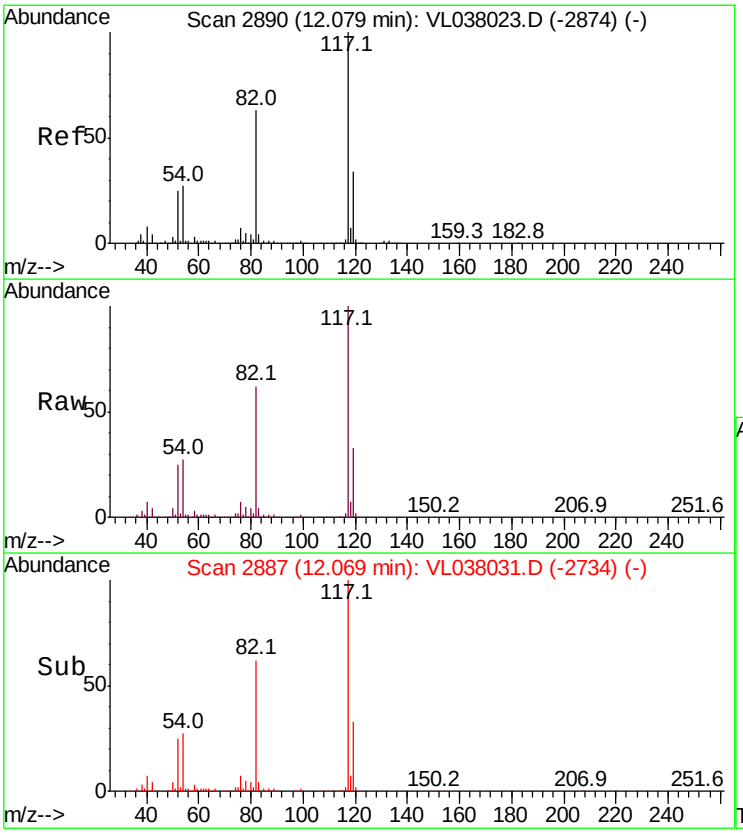
#39
1,2-Dichloropropane
Concen: 6.411 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 16 Nov 2021 8:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 660579

Ion	Ratio	Lower	Upper
63	100		
41	0.0	51.1	76.7#
62	16.7	55.2	82.8#

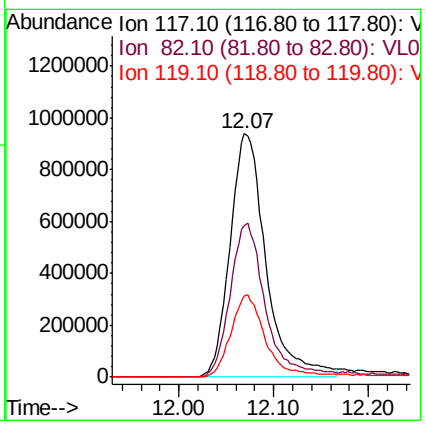


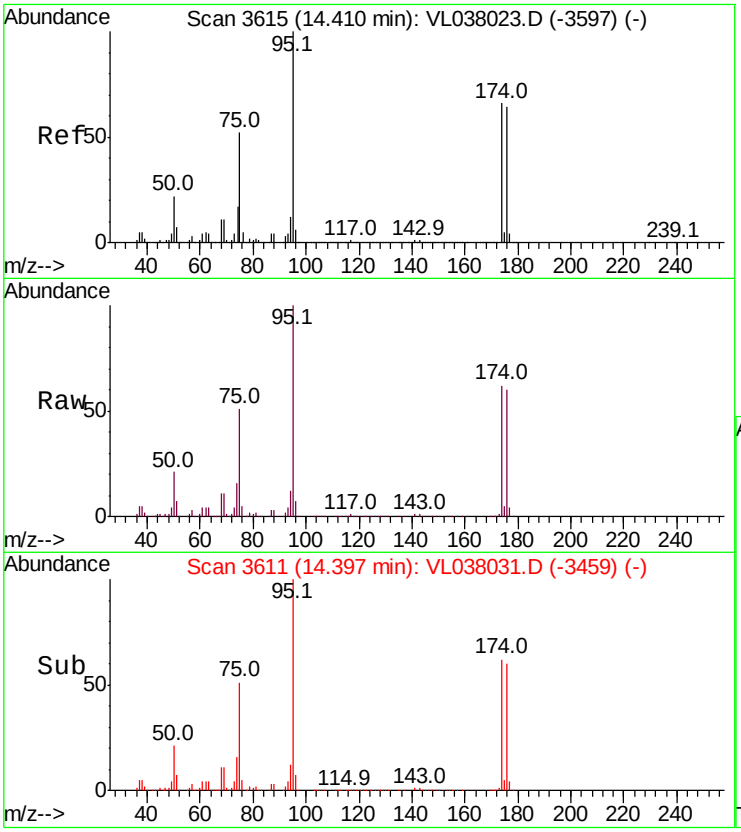


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2887
Delta R.T. -0.01 min
Lab File: VL038031.D
Acq: 16 Nov 2021 8:08

Tgt Ion:117 Resp: 2489675

Ion	Ratio	Lower	Upper
117	100		
82	65.9	50.0	75.0
119	34.3	44.6	67.0#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.017 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 16 Nov 2021 8:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1801805

Ion	Ratio	Lower	Upper
95	100		
174	69.3	55.0	82.6
175	5.0	4.2	6.2