Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038545.D
Acq On : 4 Mar 2022 22:02
Operator : SY/AP
Sample : CAN 10592
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 05 05:00:11 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb 22 19:45:51 2022
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	912257	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2081404	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1788926	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1405632	9.50	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.00%			
Target Compounds						Qvalue
9) Propene	3.00	41	2404	0.045	ppbv	86
30) Cyclohexane	7.12	84	3590	0.047	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	589644	8.079	ppbv #	25

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

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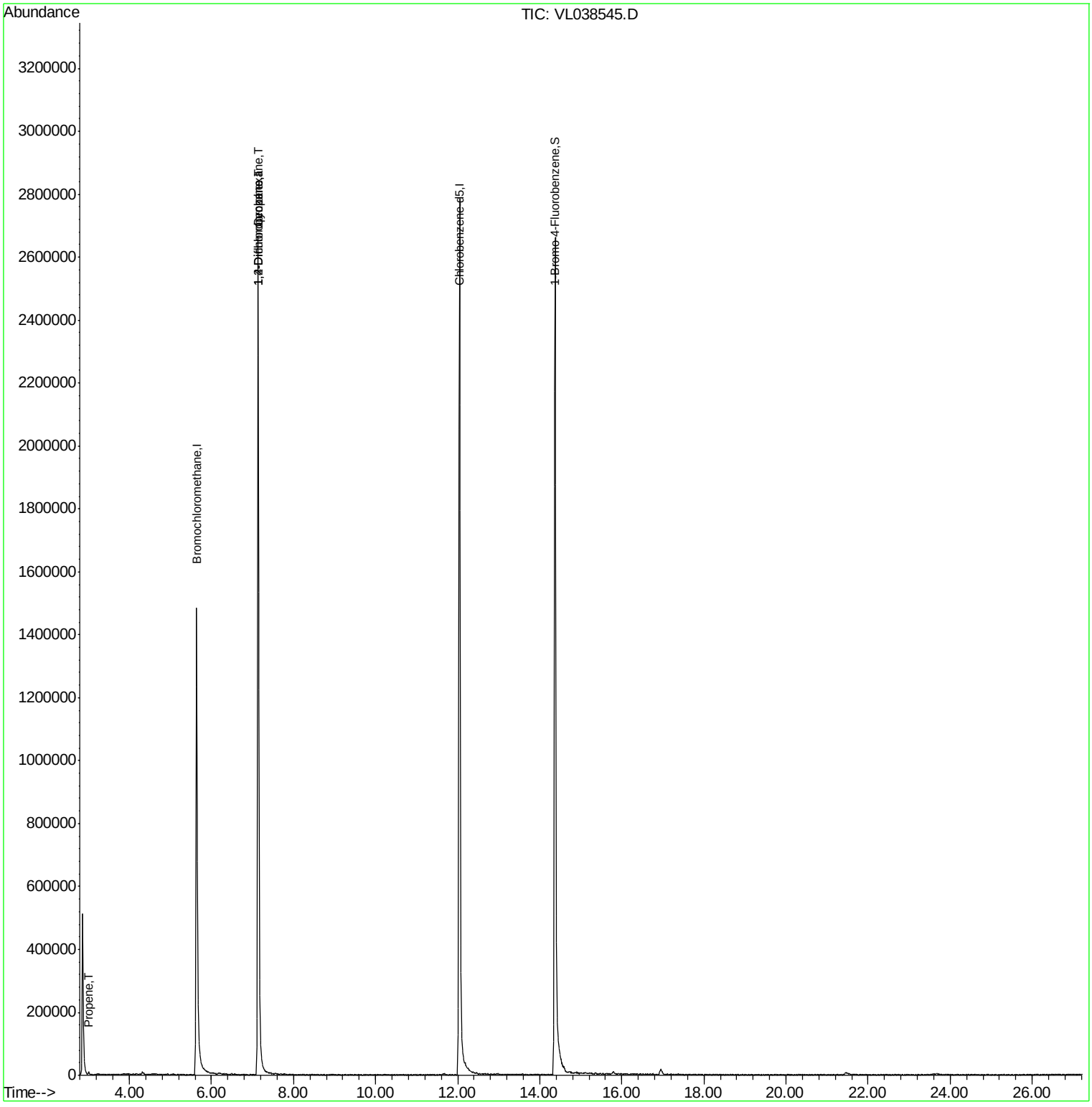
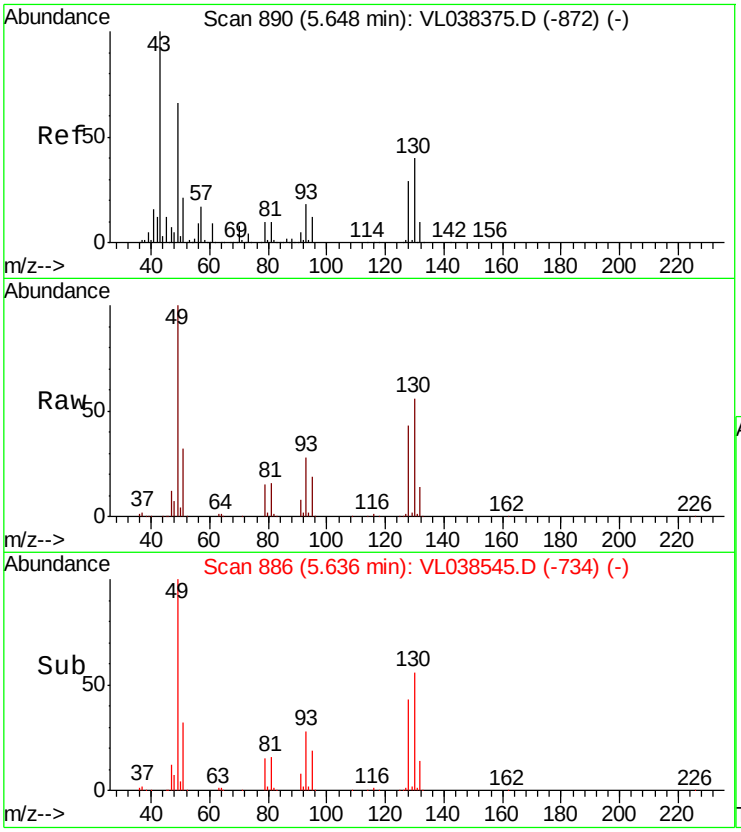


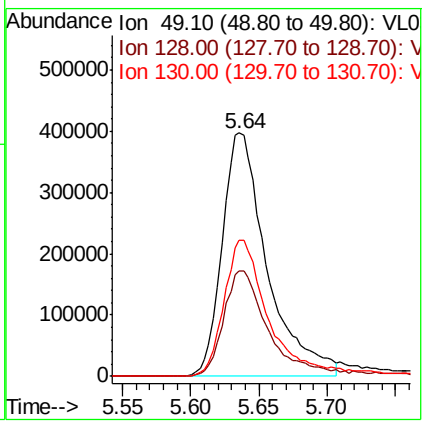


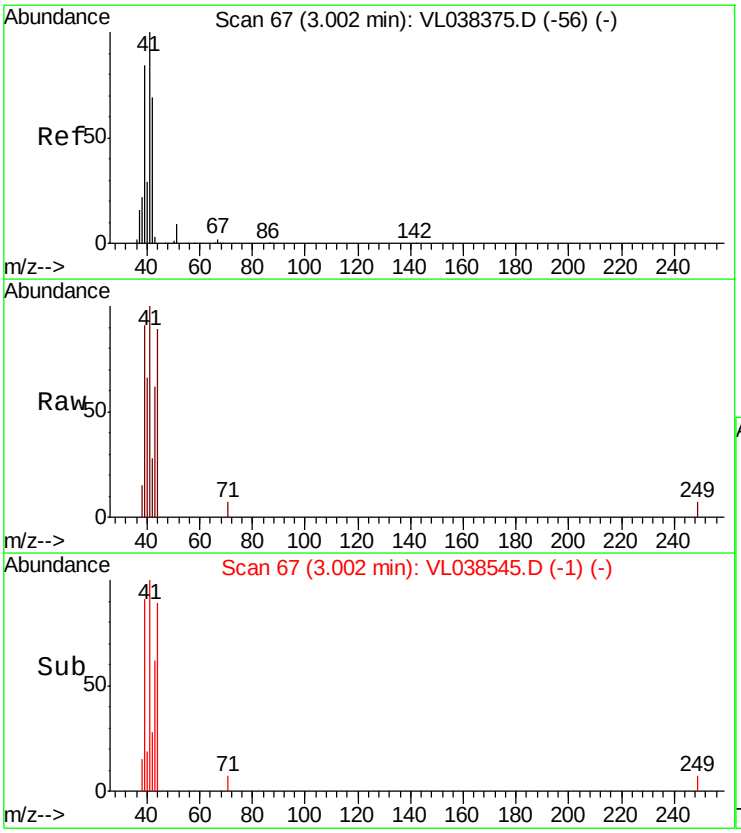
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 4 Mar 2022 22:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 912257

Ion	Ratio	Lower	Upper
49	100		
128	45.5	24.3	72.9
130	57.7	30.1	90.5

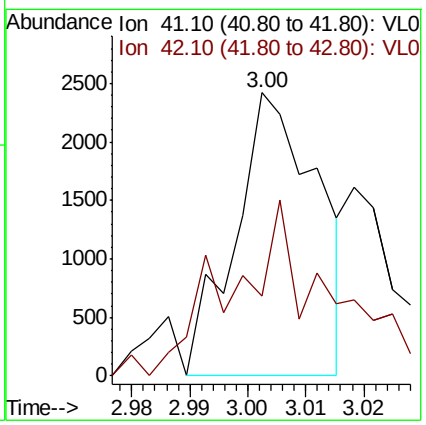


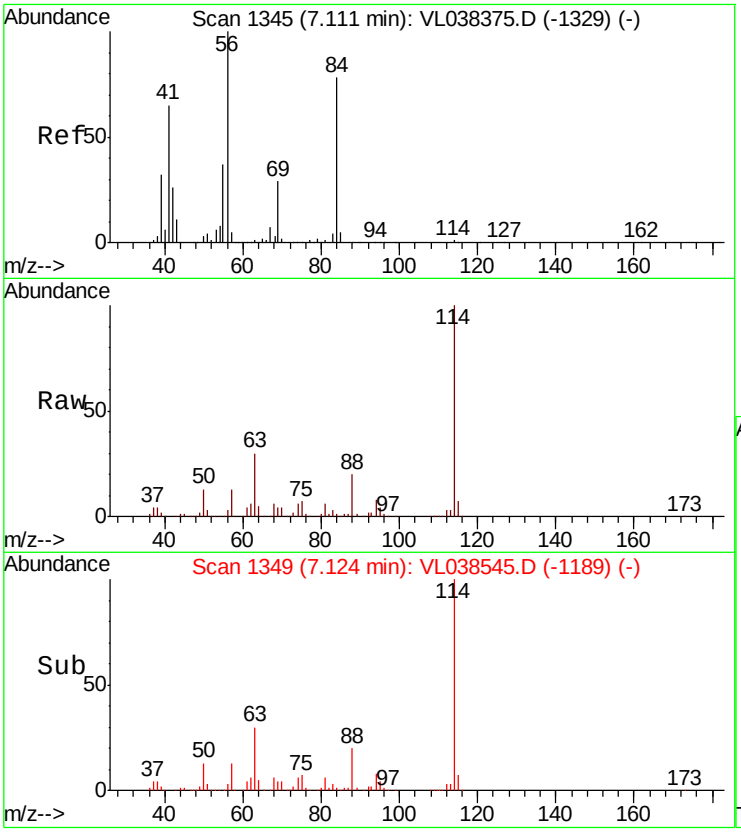


#9
Propene
Concen: 0.045 ppbv
RT: 3.00 min Scan# 67
Delta R.T. 0.00 min
Lab File: VL038545.D
Acq: 4 Mar 2022 22:02

Tgt Ion: 41 Resp: 2404

Ion	Ratio	Lower	Upper
41	100		
42	79.6	54.6	82.0



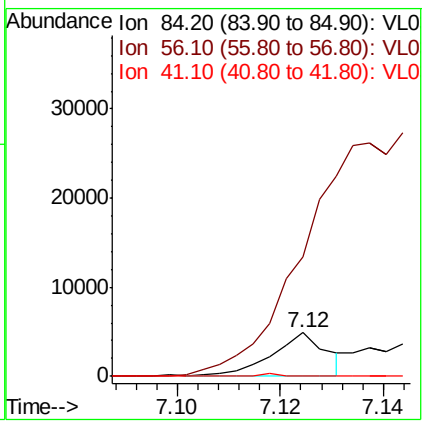


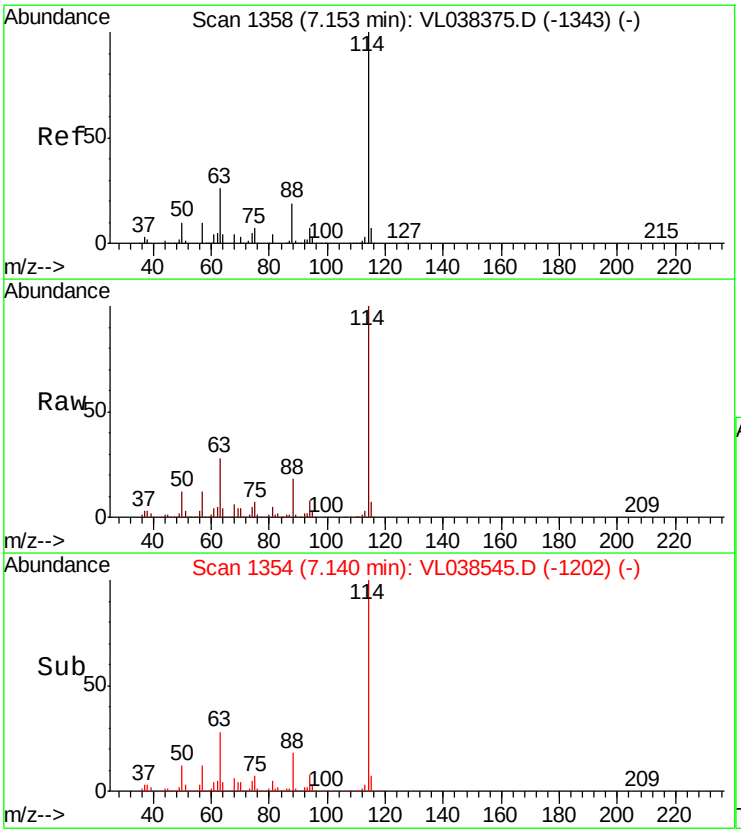
#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.12
Delta R.T
Lab File:
Acq: 4 Mar 2022 22:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 3590

Ion	Ratio	Lower	Upper
84	100		
56	0.0	116.2	174.4#
41	1.9	74.3	111.5#

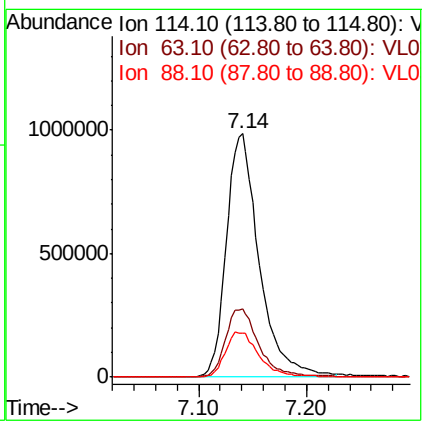


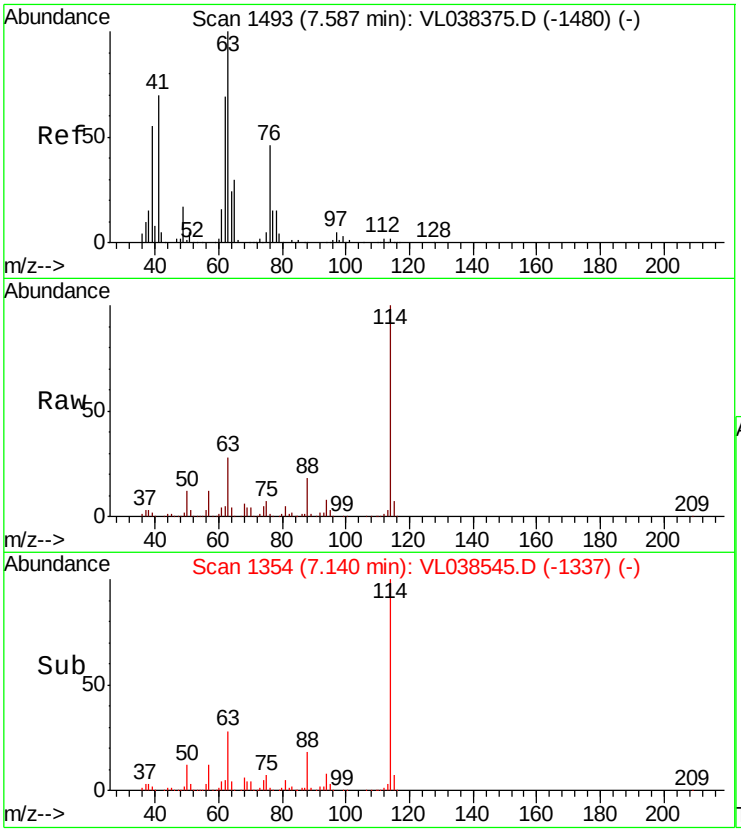


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL038545.D
Acq: 4 Mar 2022 22:02

Tgt Ion:114 Resp: 2081404

Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.2	33.2
88	19.3	15.2	22.8



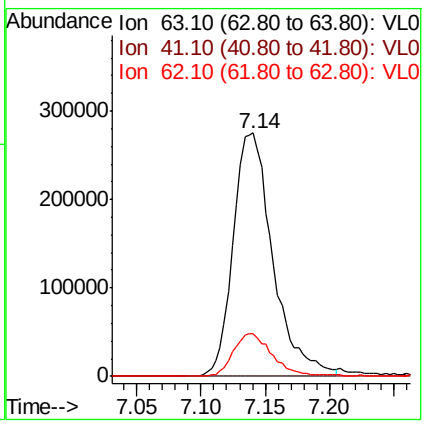


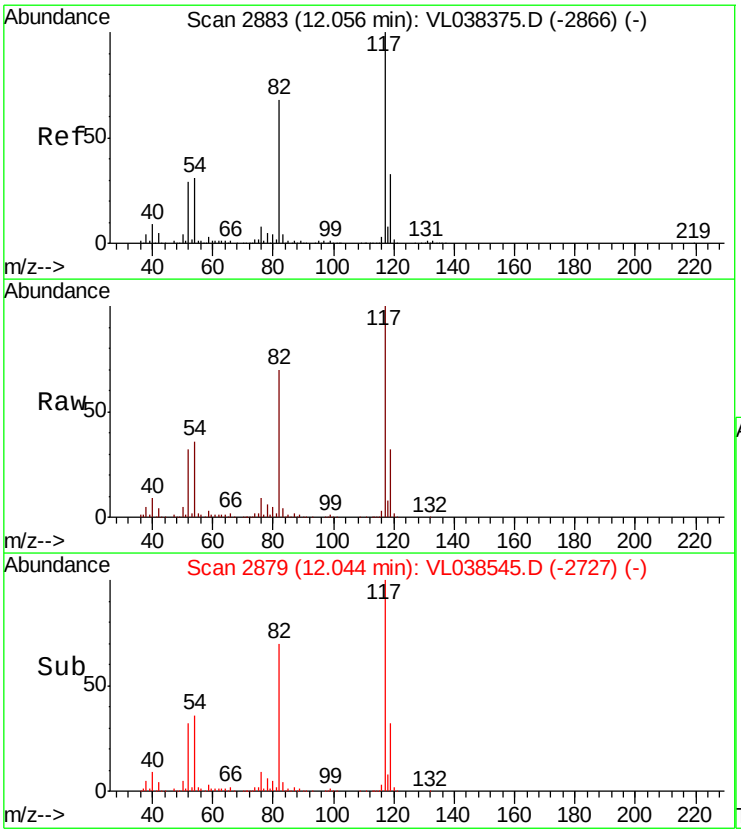
#39
1,2-Dichloropropane
Concen: 8.079 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 4 Mar 2022 22:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 589644

Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.3	55.5	83.3#

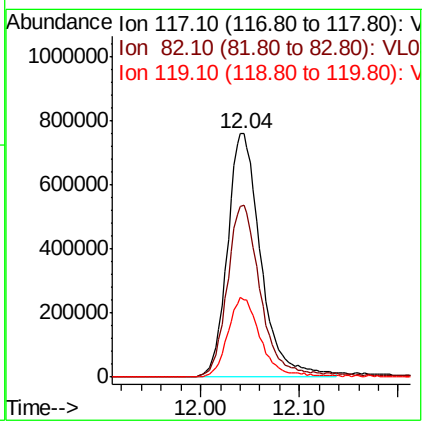


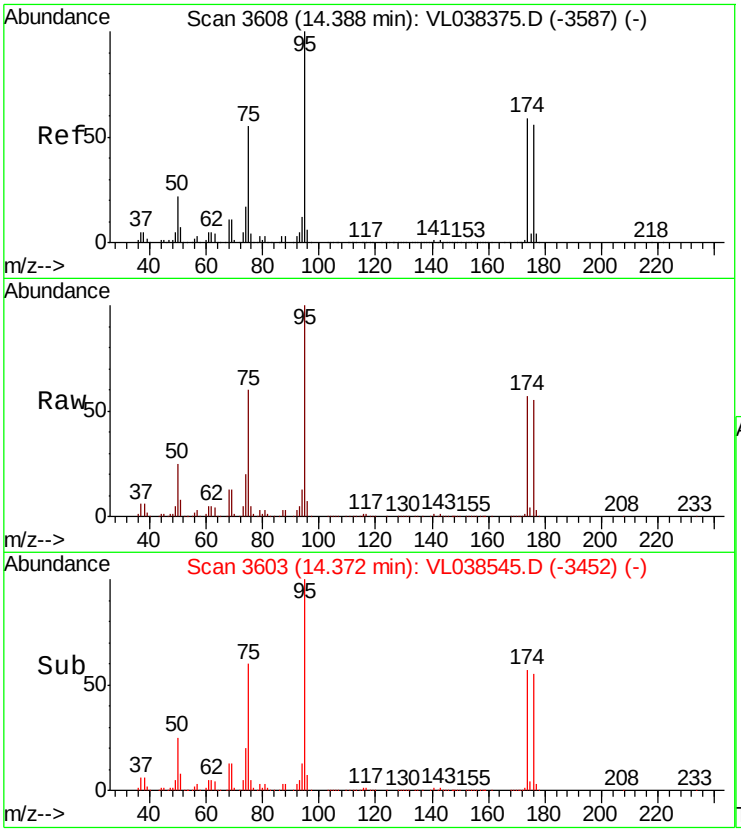


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.04 min Scan# 2879
Delta R.T. -0.01 min
Lab File: VL038545.D
Acq: 4 Mar 2022 22:02

Tgt Ion:117 Resp: 1788926

Ion	Ratio	Lower	Upper
117	100		
82	73.1	54.9	82.3
119	32.5	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.496 ppbv
RT: 14.37
Delta R.T
Lab File:
Acq: 4 Mar 2022 22:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 1405632

Ion	Ratio	Lower	Upper
95	100		
174	58.6	49.0	73.4
175	4.5	3.6	5.4