Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030322\
Data File : VL038528.D
Acq On : 4 Mar 2022 00:27
Operator : SY/AP
Sample : CAN 10595
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 04 04:35:16 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	807320	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	1812060	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1597042	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1324868	10.03	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.30%			
Target Compounds						Qvalue
9) Propene	3.01	41	3070	0.065	ppbv	97
13) Ethanol	3.60	45	391	0.083	ppbv #	31
20) Methylene Chloride	4.32	84	3170	0.093	ppbv #	90
39) 1,2-Dichloropropane	7.14	63	512468	8.065	ppbv #	25

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

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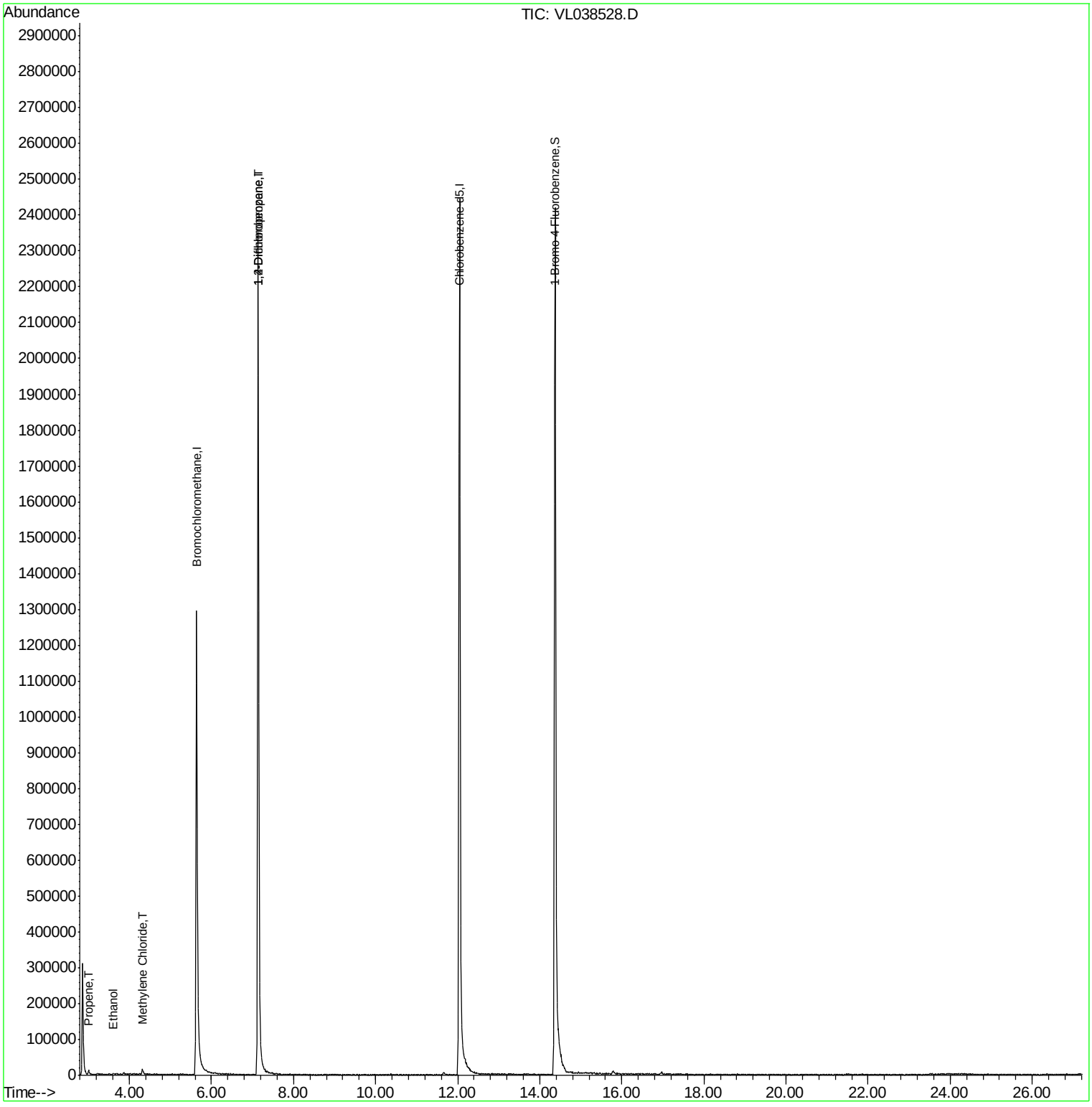
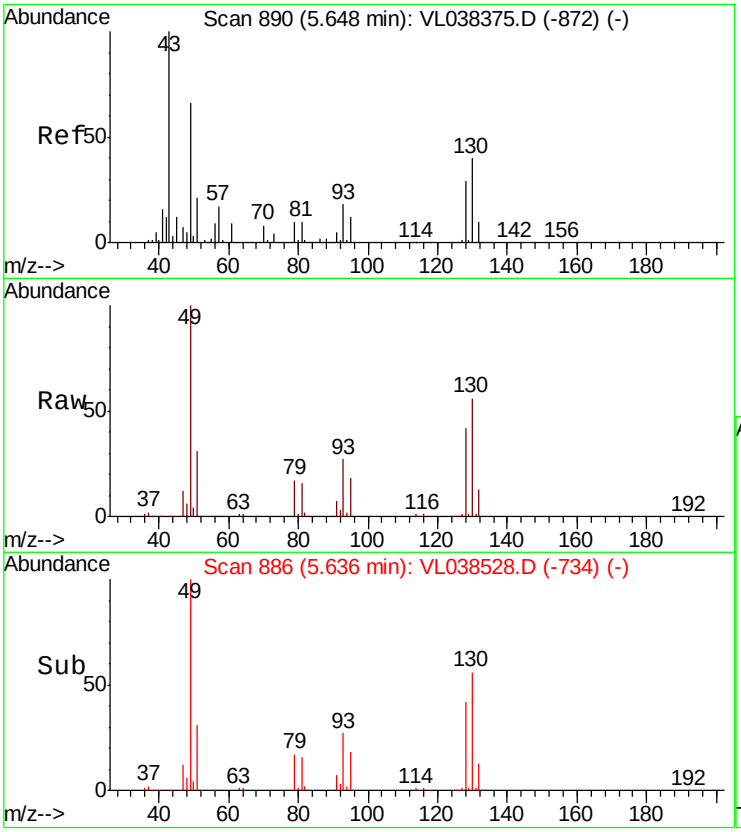


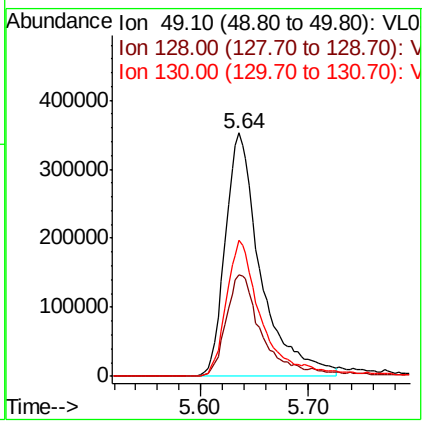


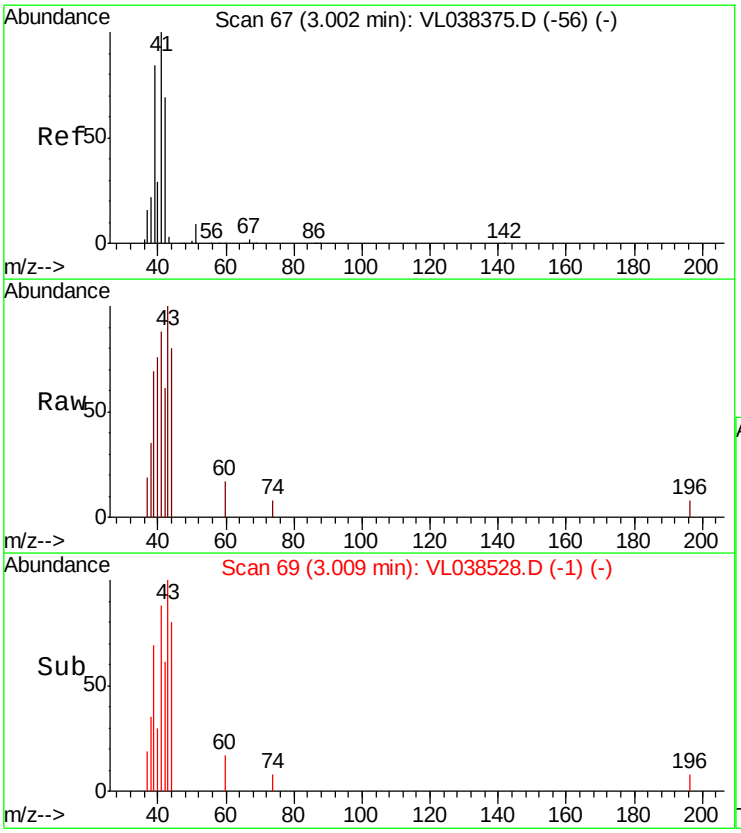
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 4 Mar 2022 00:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 807320

Ion	Ratio	Lower	Upper
49	100		
128	43.6	24.3	72.9
130	58.6	30.1	90.5

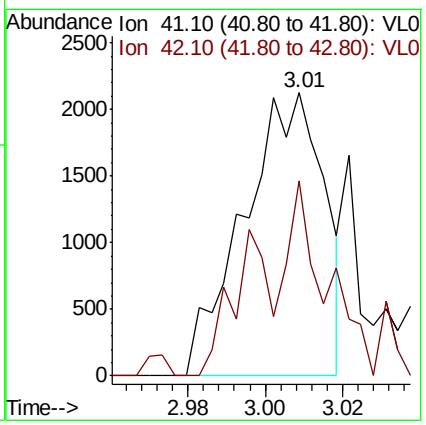


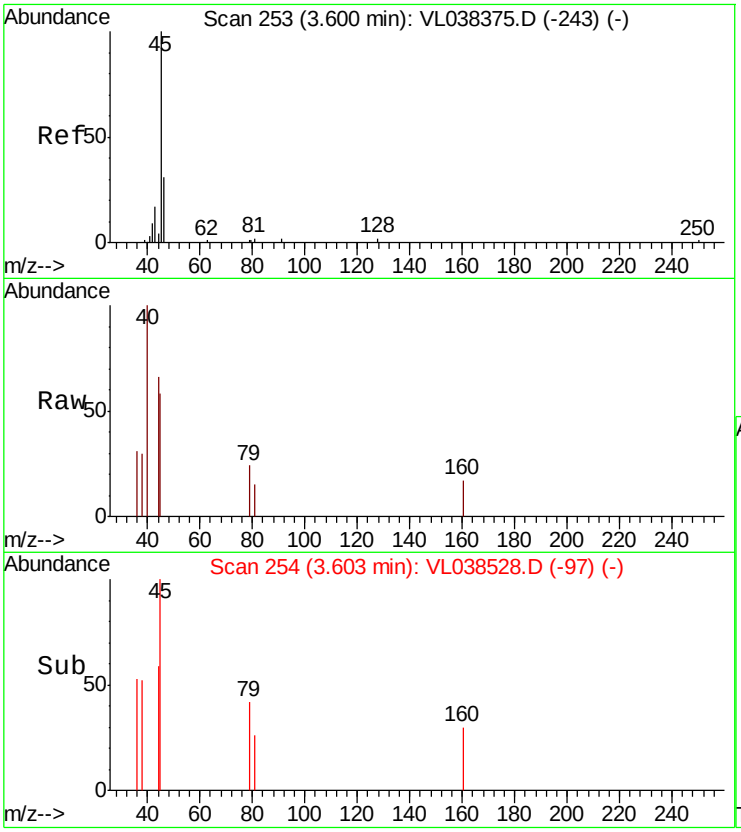


#9
Propene
Concen: 0.065 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.01 min
Lab File: VL038528.D
Acq: 4 Mar 2022 00:27

Tgt Ion: 41 Resp: 3070

Ion	Ratio	Lower	Upper
41	100		
42	70.4	54.6	82.0



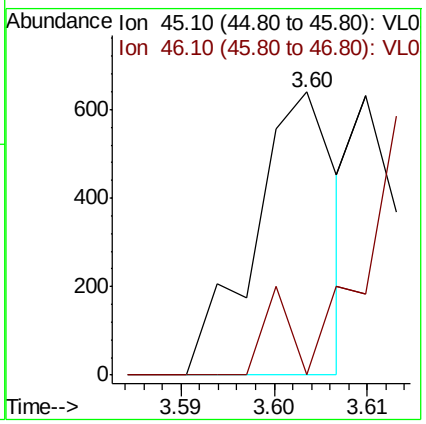


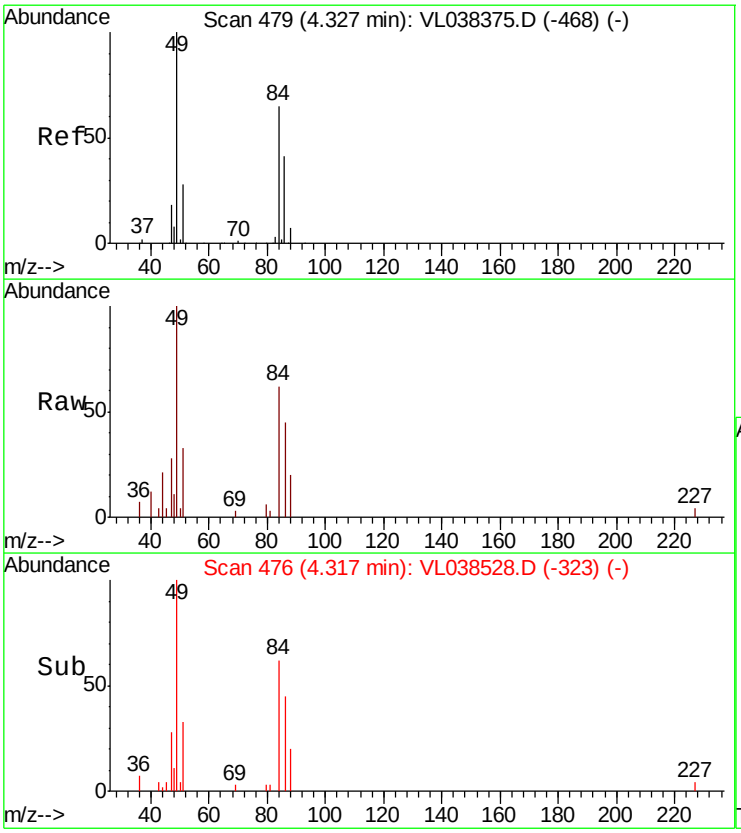
#13
Ethanol
Concen: 0.083 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 4 Mar 2022 00:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 391

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.2	72.8#

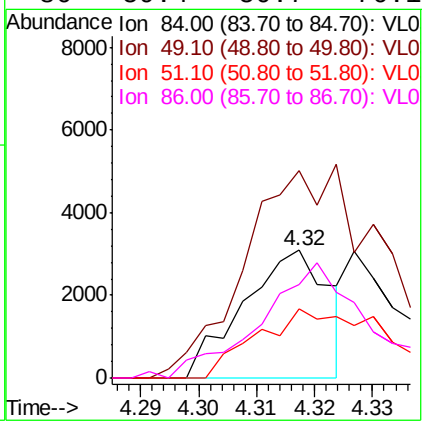


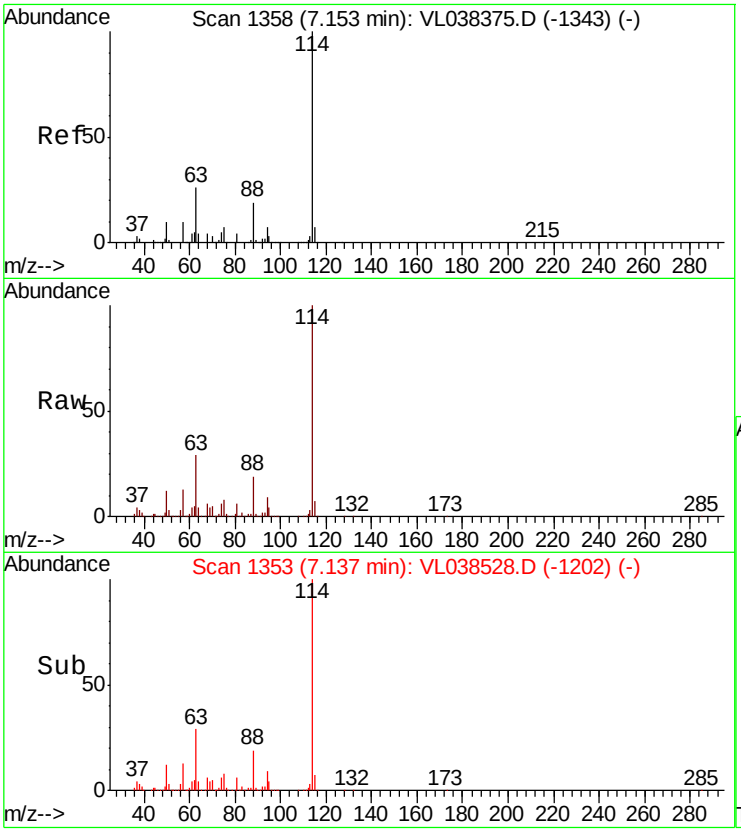


#20
Methylene Chloride
Concen: 0.093 ppbv
RT: 4.32 min Scan# 476
Delta R.T. -0.01 min
Lab File: VL038528.D
Acq: 4 Mar 2022 00:27

Tgt Ion: 84 Resp: 3170

Ion	Ratio	Lower	Upper
84	100		
49	141.5	122.4	183.6
51	54.0	33.3	49.9#
86	59.4	50.7	76.1



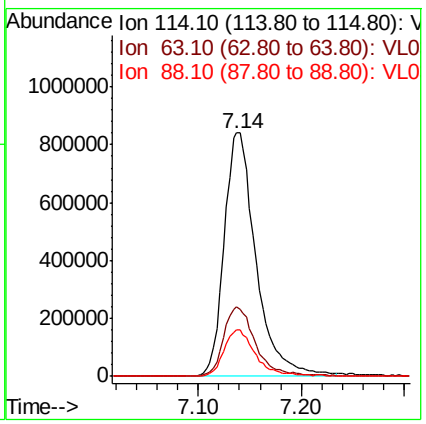


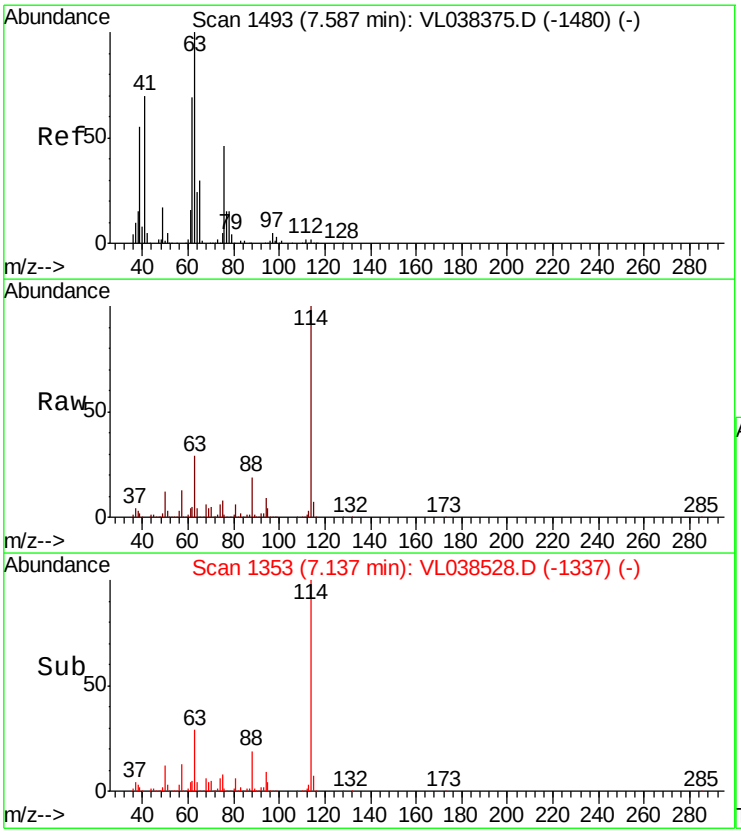
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14
Delta R.T
Lab File:
Acq: 4 Mar 2022 00:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 1812060

Ion	Ratio	Lower	Upper
114	100		
63	29.1	22.2	33.2
88	19.3	15.2	22.8

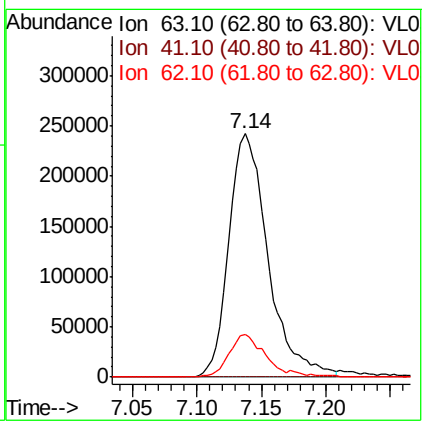


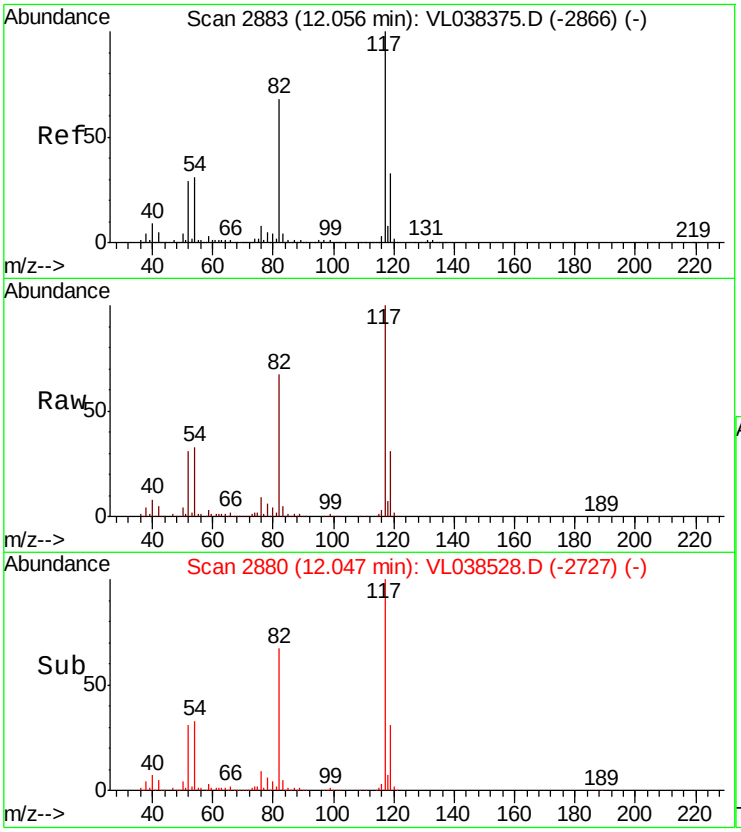


#39
1,2-Dichloropropane
Concen: 8.065 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL038528.D
Acq: 4 Mar 2022 00:27

Tgt Ion: 63 Resp: 512468

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



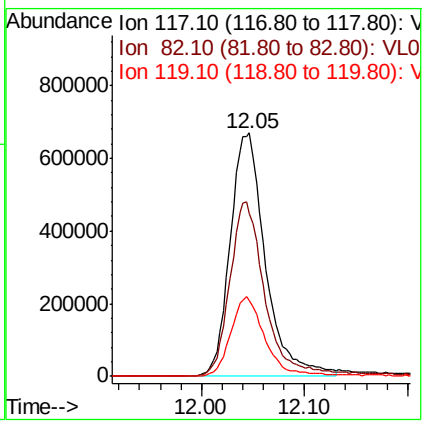


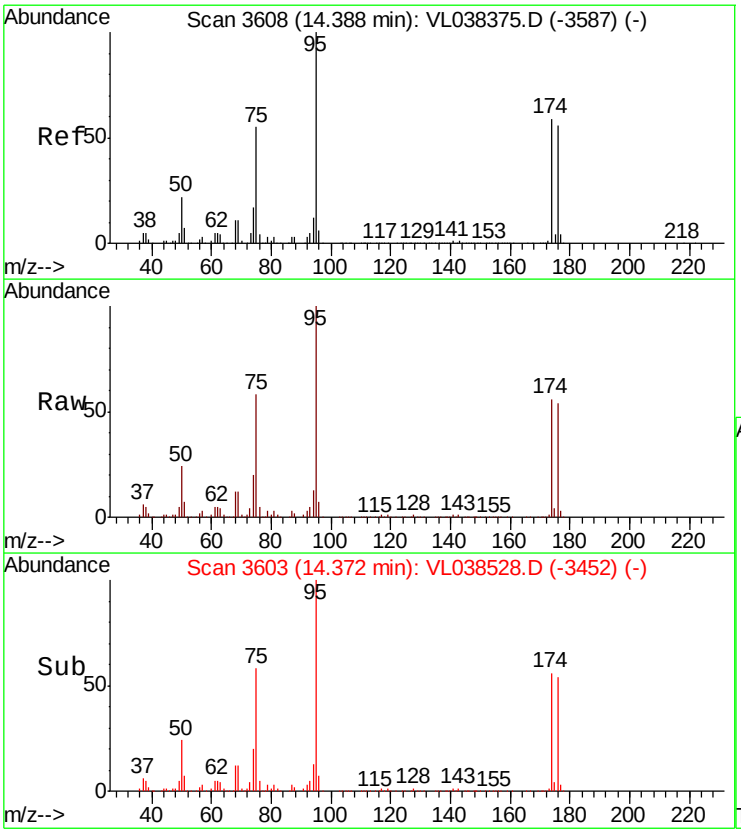
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 4 Mar 2022 00:27

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 1597042

Ion	Ratio	Lower	Upper
117	100		
82	74.3	54.9	82.3
119	32.7	46.1	69.1#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.026 ppbv
RT: 14.37 min Scan# 3603
Delta R.T. -0.02 min
Lab File: VL038528.D
Acq: 4 Mar 2022 00:27

Tgt Ion: 95 Resp: 1324868

Ion	Ratio	Lower	Upper
95	100		
174	58.2	49.0	73.4
175	4.3	3.6	5.4