Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL032822\
Data File : VL038783.D
Acq On : 28 Mar 2022 22:59
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 29 06:12:50 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	794200	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2043599	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1714550	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	1305309	9.93	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.30%			
Target Compounds						Qvalue
20) Methylene Chloride	4.34	84	1411	0.049	ppbv	# 85
30) Cyclohexane	7.15	84	2501	0.037	ppbv	# 1
39) 1,2-Dichloropropane	7.16	63	483264	7.838	ppbv	# 29

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

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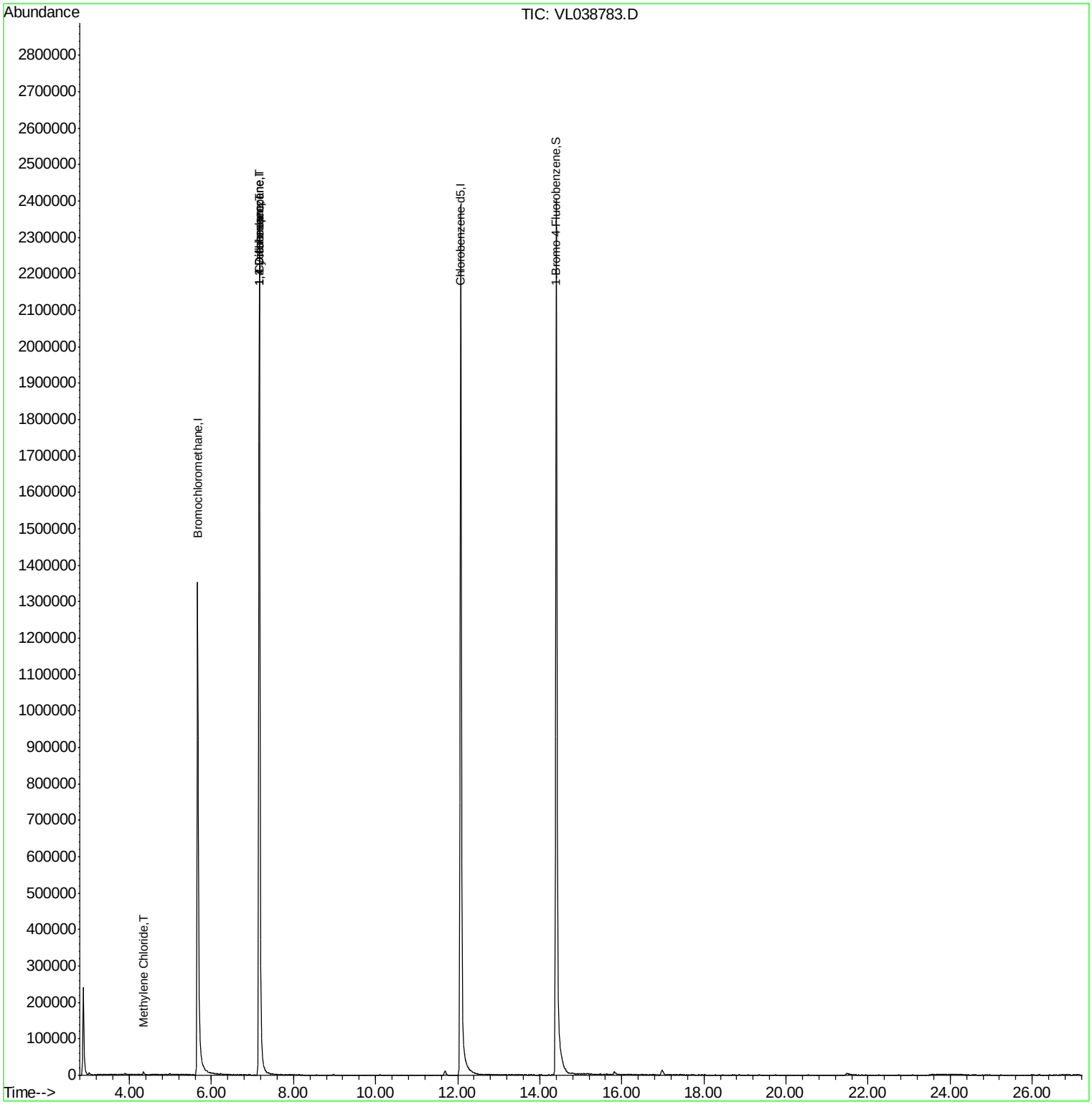
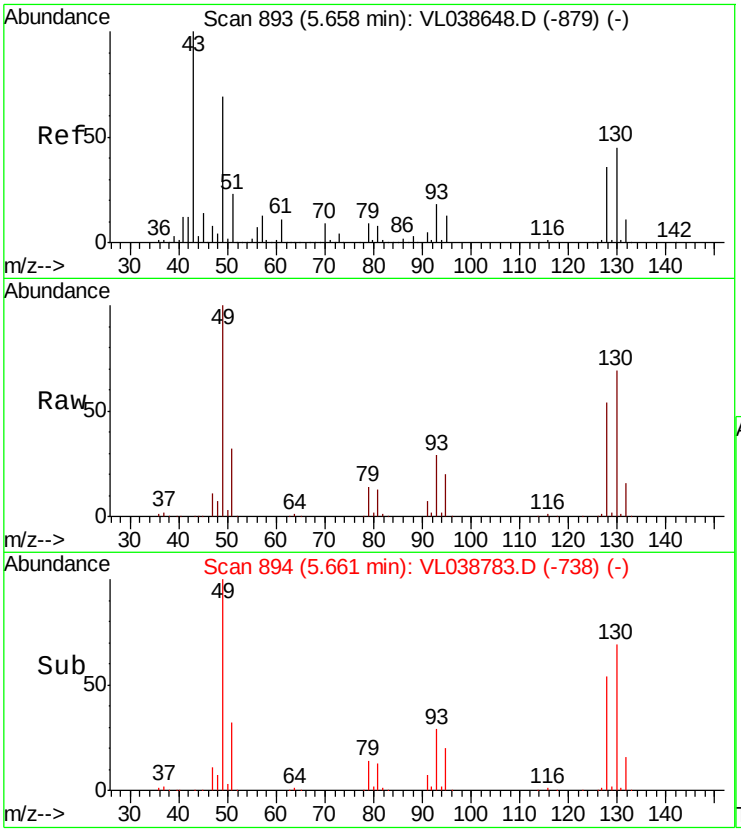


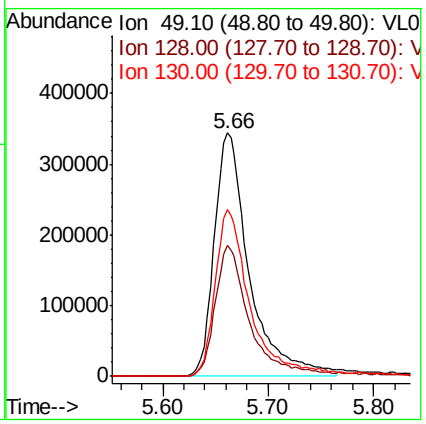


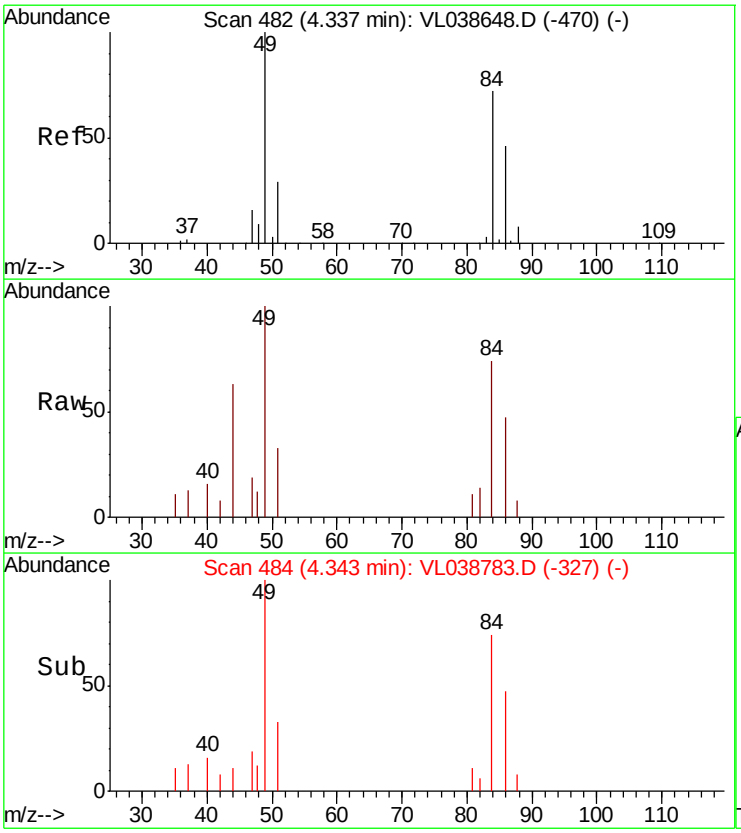
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 28 Mar 2022 22:59

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 794200

Ion	Ratio	Lower	Upper
49	100		
128	53.9	26.2	78.6
130	70.0	33.7	101.1

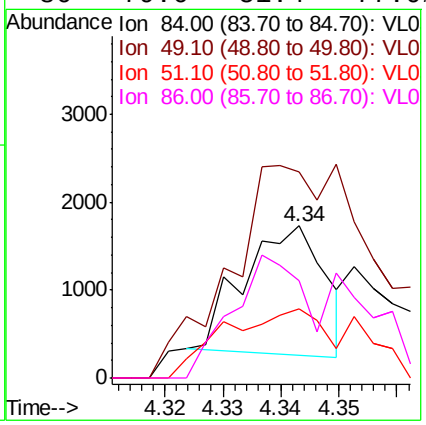


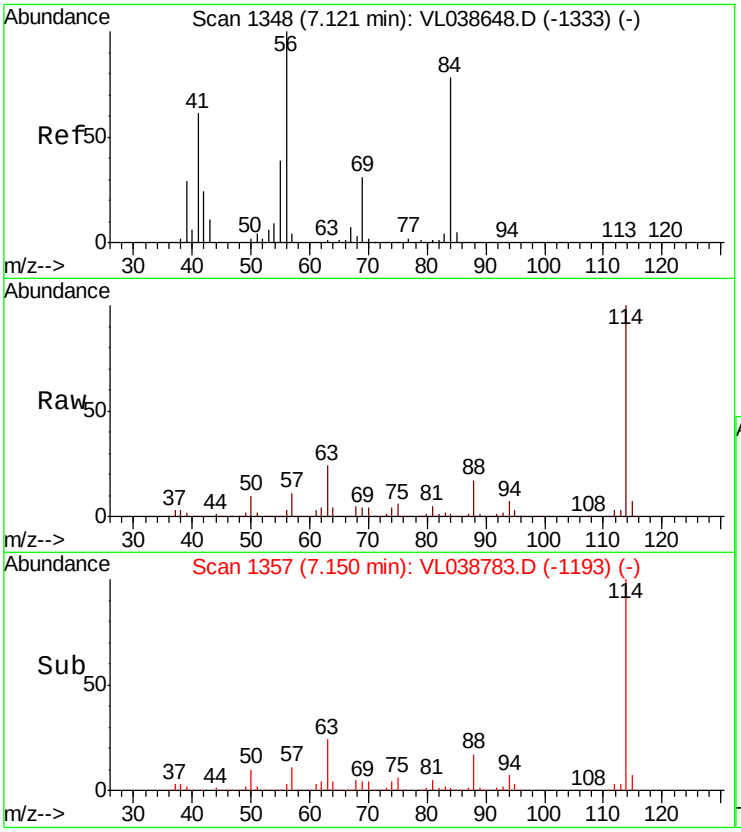


#20
Methylene Chloride
Concen: 0.049 ppbv
RT: 4.34 min Scan# 484
Delta R.T. 0.01 min
Lab File: VL038783.D
Acq: 28 Mar 2022 22:59

Tgt Ion: 84 Resp: 1411

Ion	Ratio	Lower	Upper
84	100		
49	118.1	111.2	166.8
51	40.8	32.8	49.2
86	79.6	51.4	77.0#



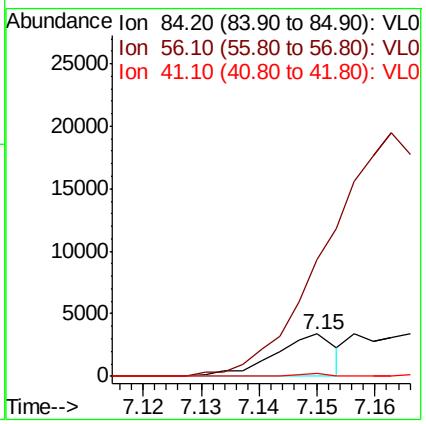


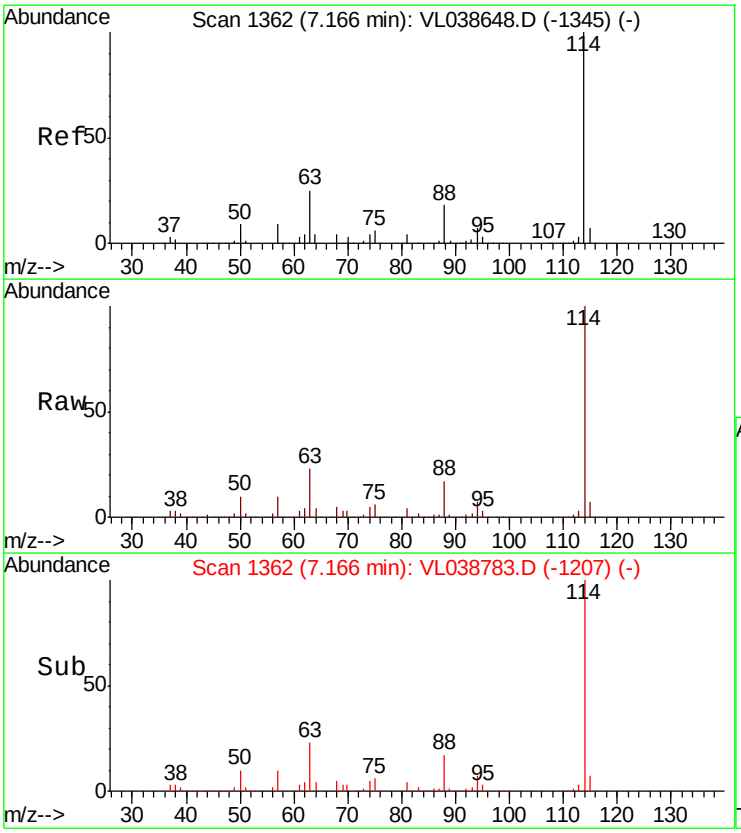
#30
Cyclohexane
Concen: 0.037 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 28 Mar 2022 22:59

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 2501

Ion	Ratio	Lower	Upper
84	100		
56	0.0	108.2	162.4#
41	4.3	61.8	92.6#

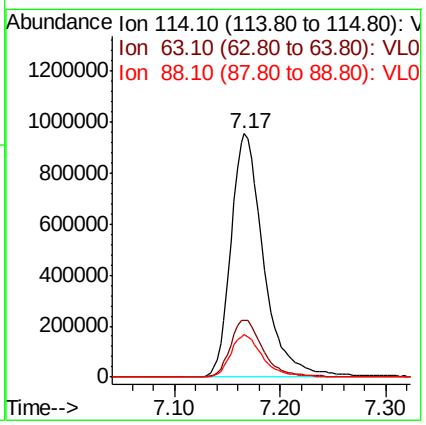


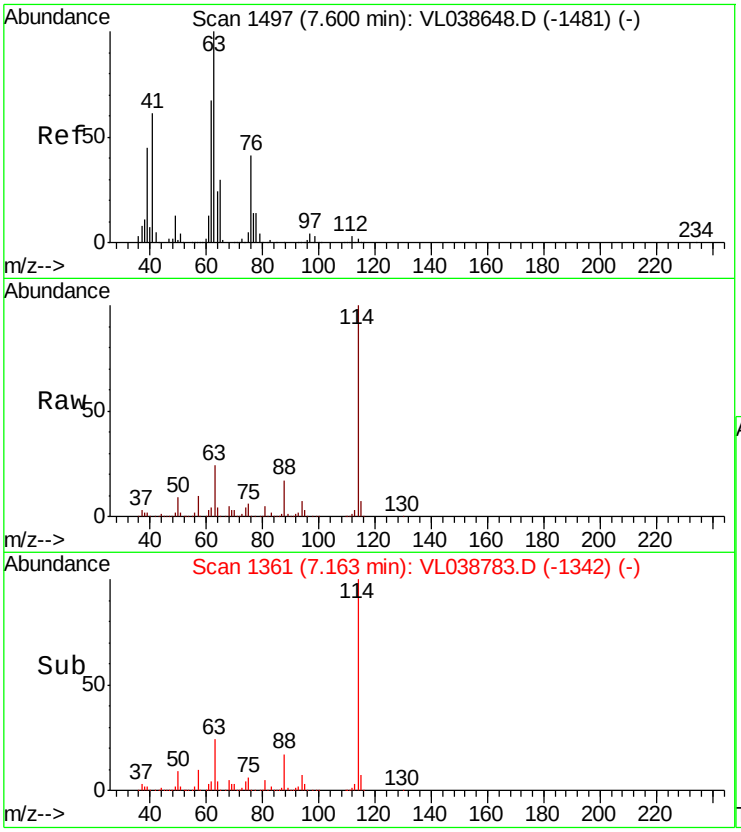


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VL038783.D
Acq: 28 Mar 2022 22:59

Tgt Ion:114 Resp: 2043599

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.4	29.0
88	17.4	13.9	20.9



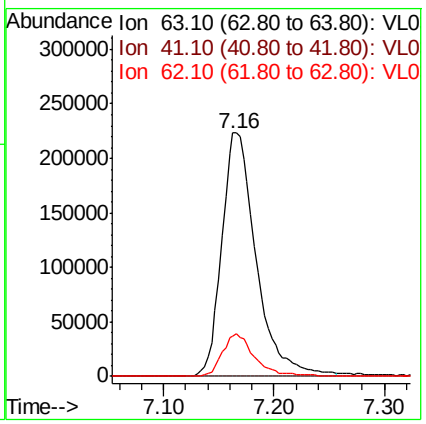


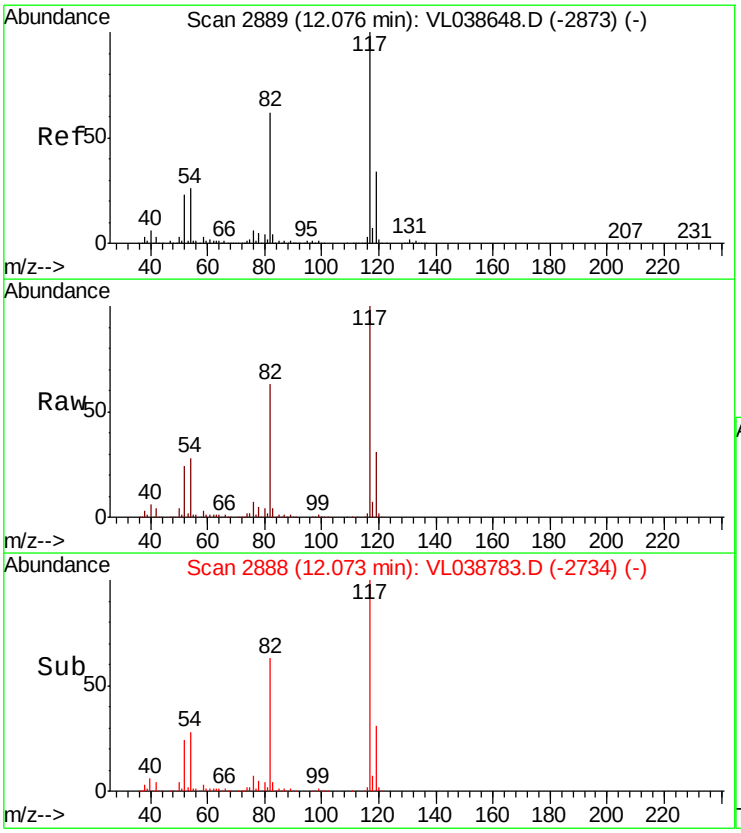
#39
1,2-Dichloropropane
Concen: 7.838 ppbv
RT: 7.16
Delta R.T
Lab File:
Acq: 28 Mar 2022 22:59

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 63 Resp: 483264

Ion	Ratio	Lower	Upper
63	100		
41	0.1	49.0	73.6#
62	16.7	53.9	80.9#

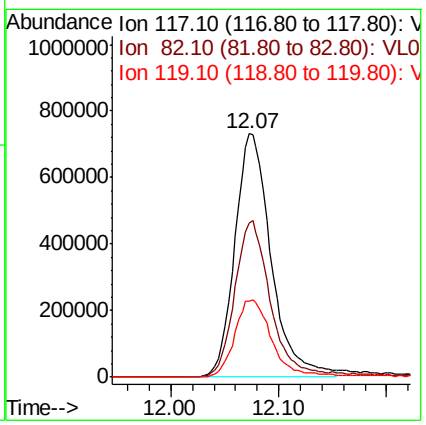


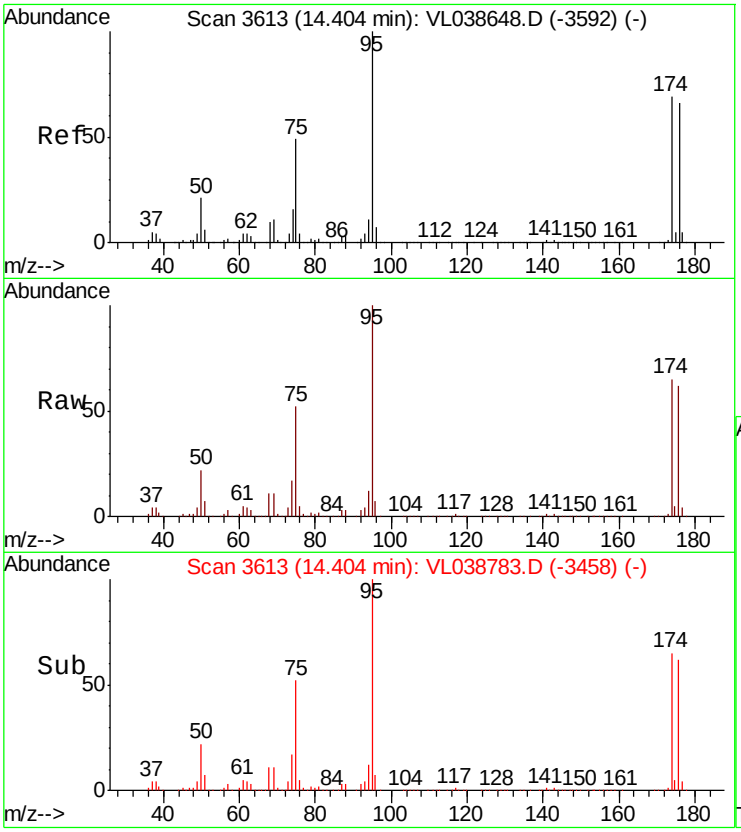


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.00 min
Lab File: VL038783.D
Acq: 28 Mar 2022 22:59

Tgt Ion:117 Resp: 1714550

Ion	Ratio	Lower	Upper
117	100		
82	66.0	51.6	77.4
119	33.4	26.9	40.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.930 ppbv
RT: 14.40
Delta R.T
Lab File:
Acq: 28 Mar 2022 22:39

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1305309

Ion	Ratio	Lower	Upper
95	100		
174	69.5	56.1	84.1
175	5.1	4.2	6.2