Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050522\
Data File : VL038962.D
Acq On : 5 May 2022 5:53
Operator : SY/AP
Sample : VSTDICC0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: May 05 07:23:55 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 04:53:24 2022
QLast Update : Thu May 05 04:53:24 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1240505	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3004042	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2627798	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2145114	10.32	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	8633	0.043	ppbv	94
7) Chloroethane	3.56	64	936	0.033	ppbv #	88
9) Propene	3.02	41	3781	0.053	ppbv #	13
20) Methylene Chloride	4.34	84	3168	0.057	ppbv #	75
22) trans-1,2-Dichloroethene	4.89	96	2228	0.041	ppbv #	20
39) 1,2-Dichloropropane	7.17	63	848774	7.645	ppbv #	26

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

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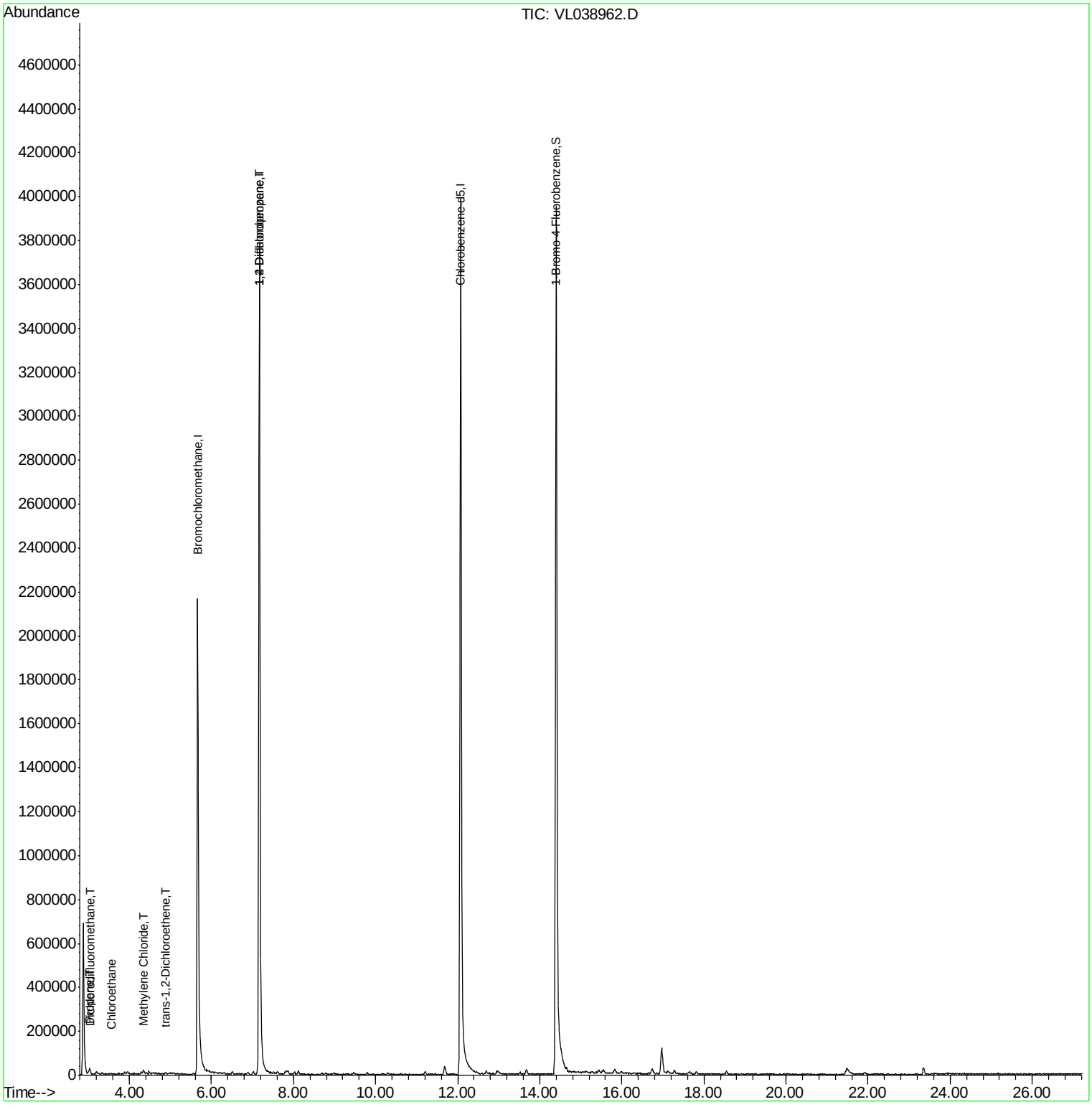
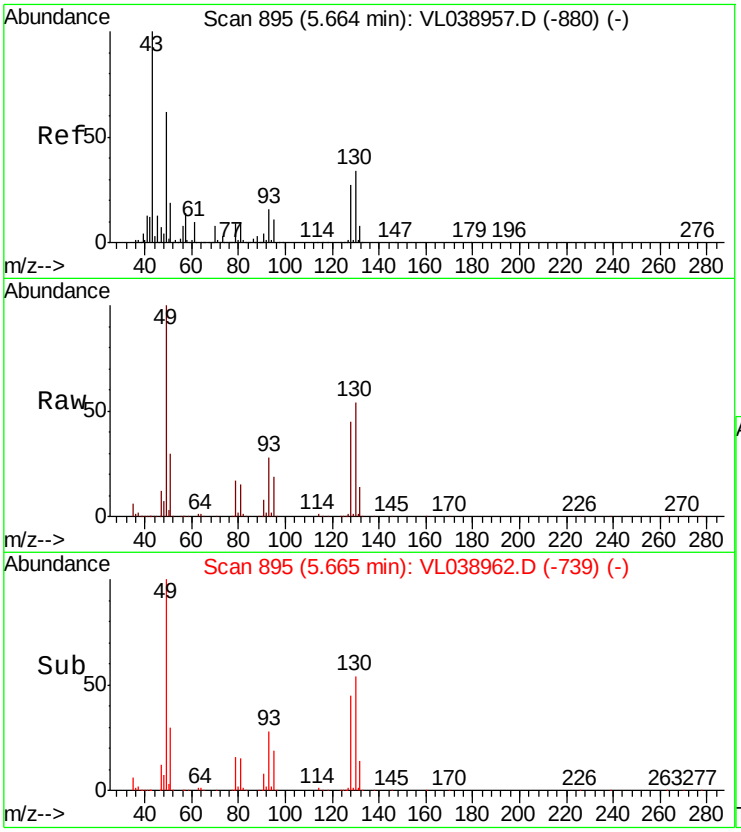


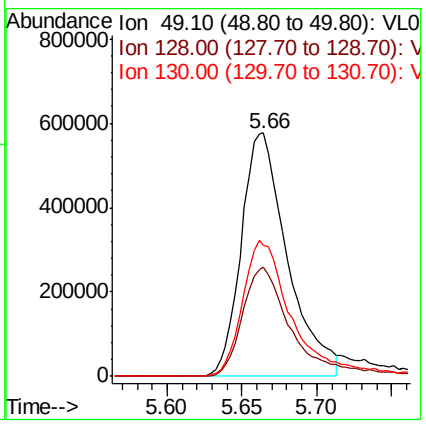


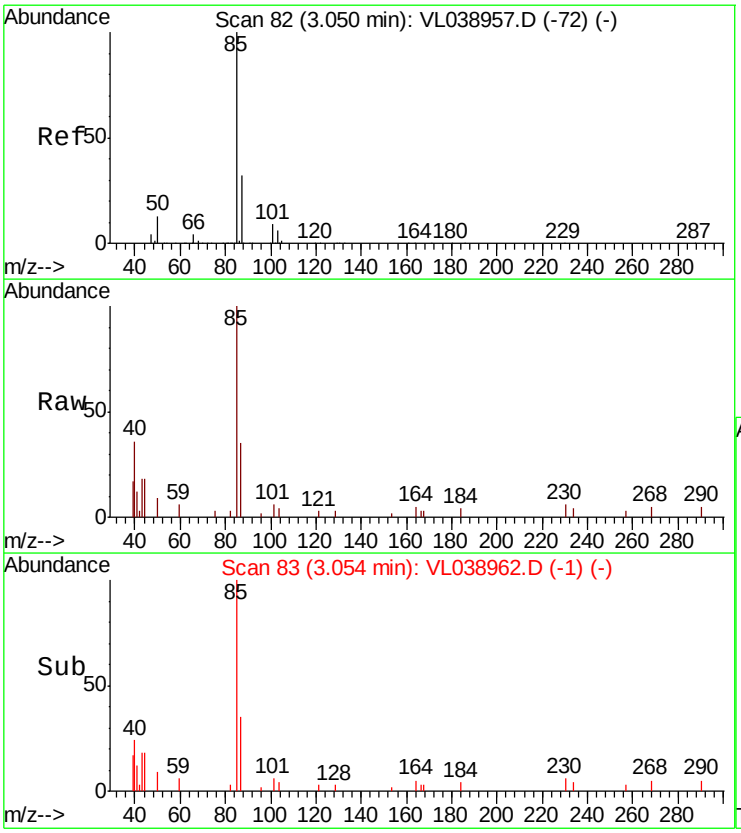
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66
Delta R.T
Lab File:
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1240505

Ion	Ratio	Lower	Upper
49	100		
128	48.9	23.3	69.8
130	62.2	29.8	89.3

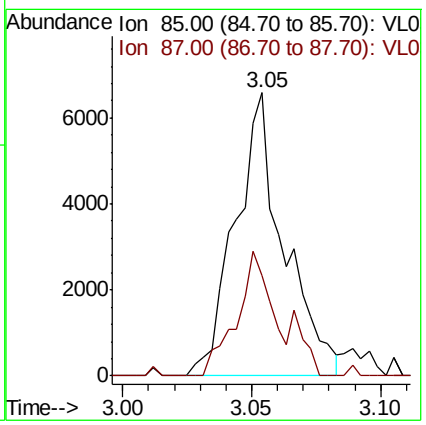


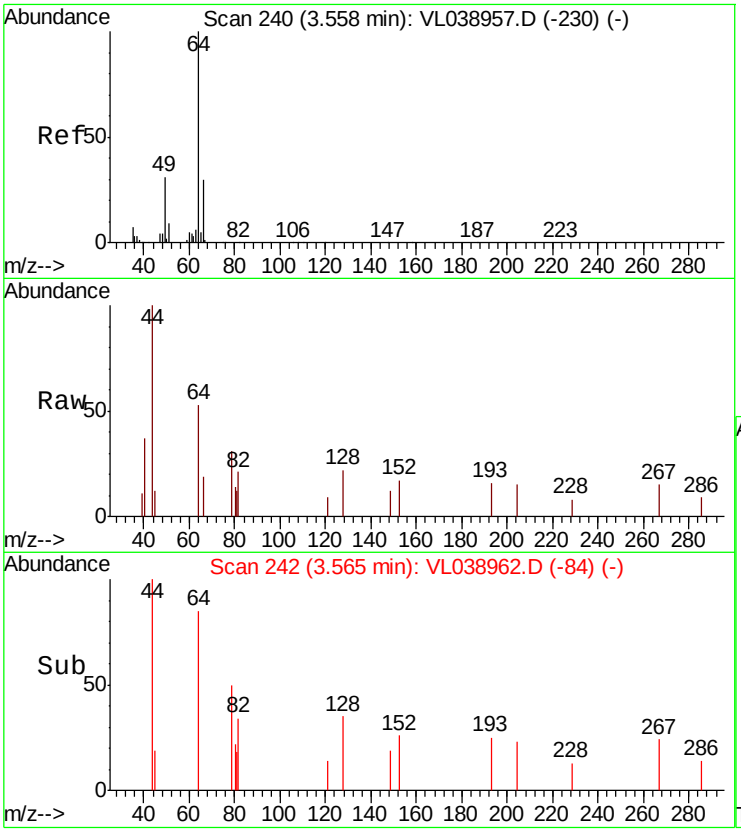


#2
Dichlorodifluoromethane
Concen: 0.043 ppbv
RT: 3.05 min Scan# 83
Delta R.T. 0.00 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion: 85 Resp: 8633

Ion	Ratio	Lower	Upper
85	100		
87	35.3	25.7	38.5



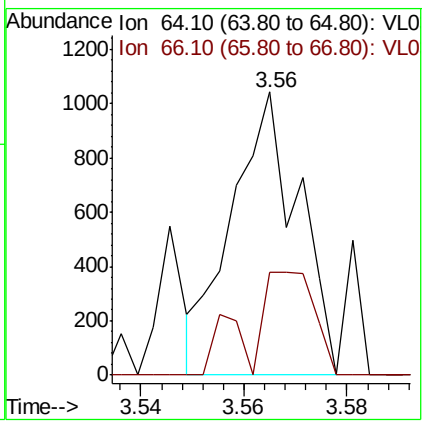


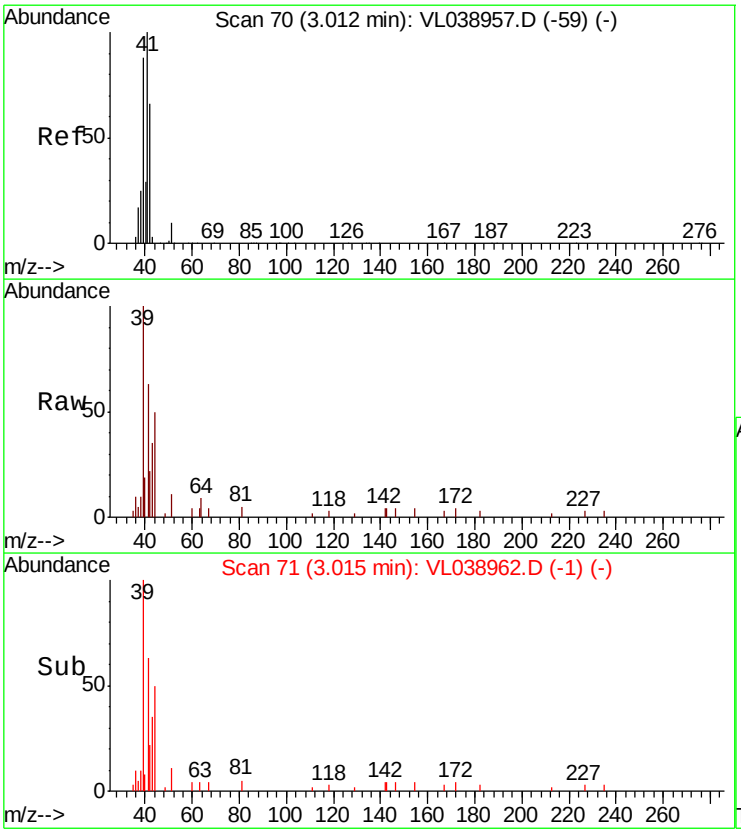
#7
Chloroethane
Concen: 0.033 ppbv
RT: 3.56
Delta R.T
Lab File:
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 936

Ion	Ratio	Lower	Upper
64	100		
66	36.3	23.8	35.8#

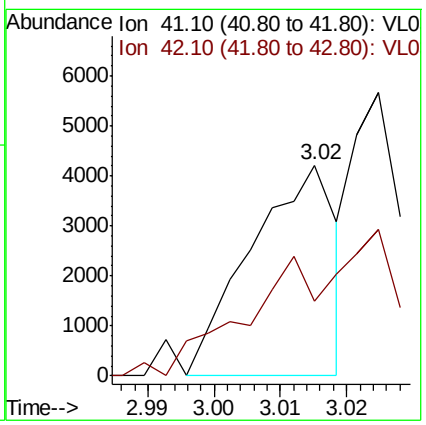


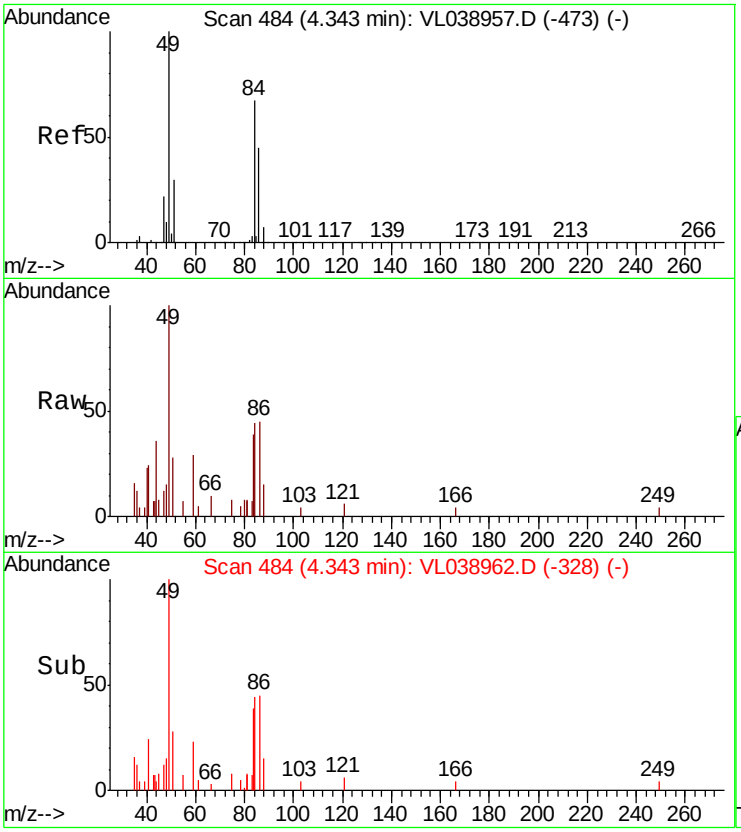


#9
Propene
Concen: 0.053 ppbv
RT: 3.02 min Scan# 71
Delta R.T. 0.00 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion: 41 Resp: 3781

Ion	Ratio	Lower	Upper
41	100		
42	0.0	58.3	87.5#



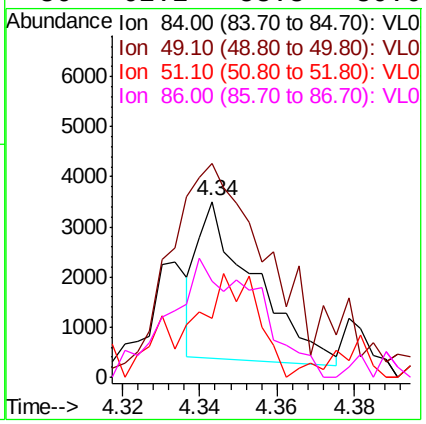


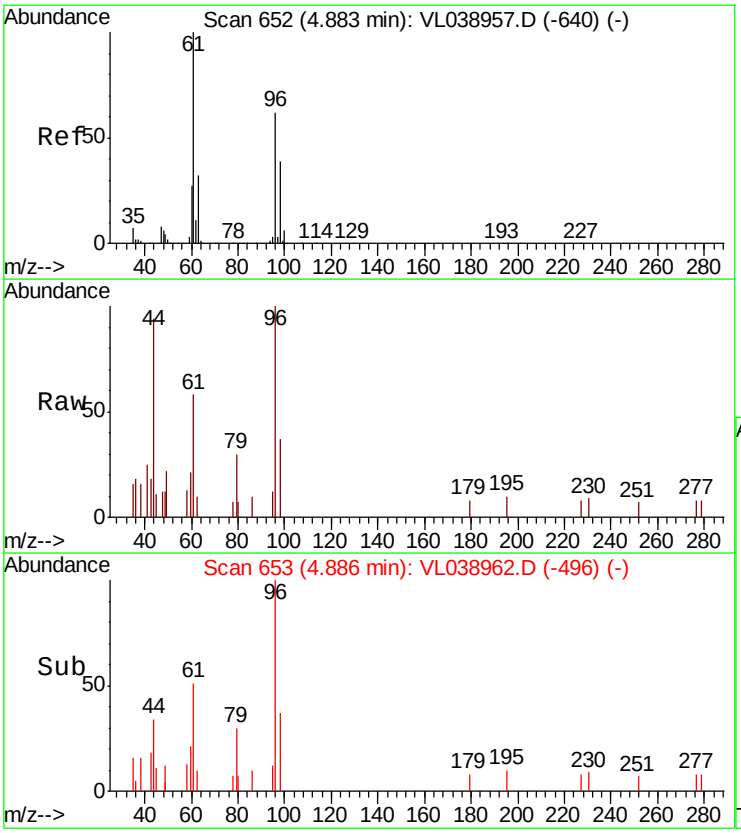
#20
Methylene Chloride
Concen: 0.057 ppbv
RT: 4.34
Delta R.T
Lab File:
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 3168

Ion	Ratio	Lower	Upper
84	100		
49	110.8	119.9	179.9#
51	21.3	35.7	53.5#
86	62.2	53.8	80.6

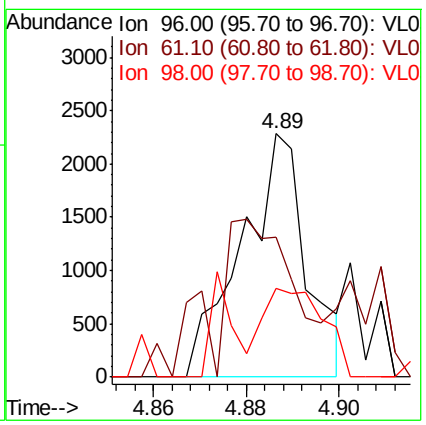


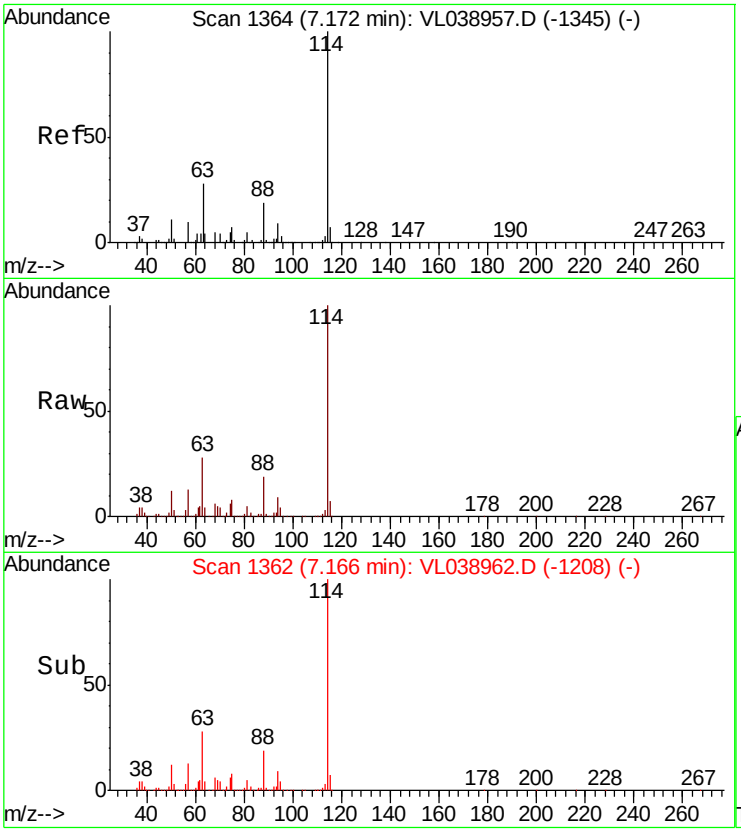


#22
trans-1,2-Dichloroethene
Concen: 0.041 ppbv
RT: 4.89 min Scan# 653
Delta R.T. 0.00 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion: 96 Resp: 2228

Ion	Ratio	Lower	Upper
96	100		
61	29.6	128.2	192.2#
98	36.7	50.1	75.1#



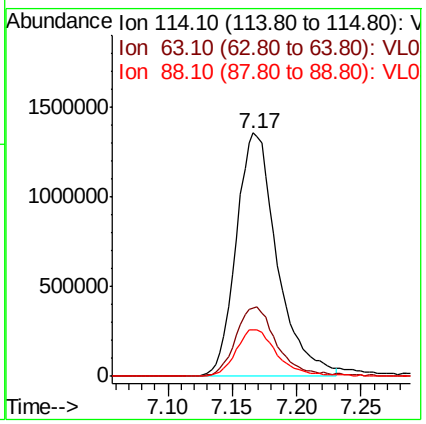


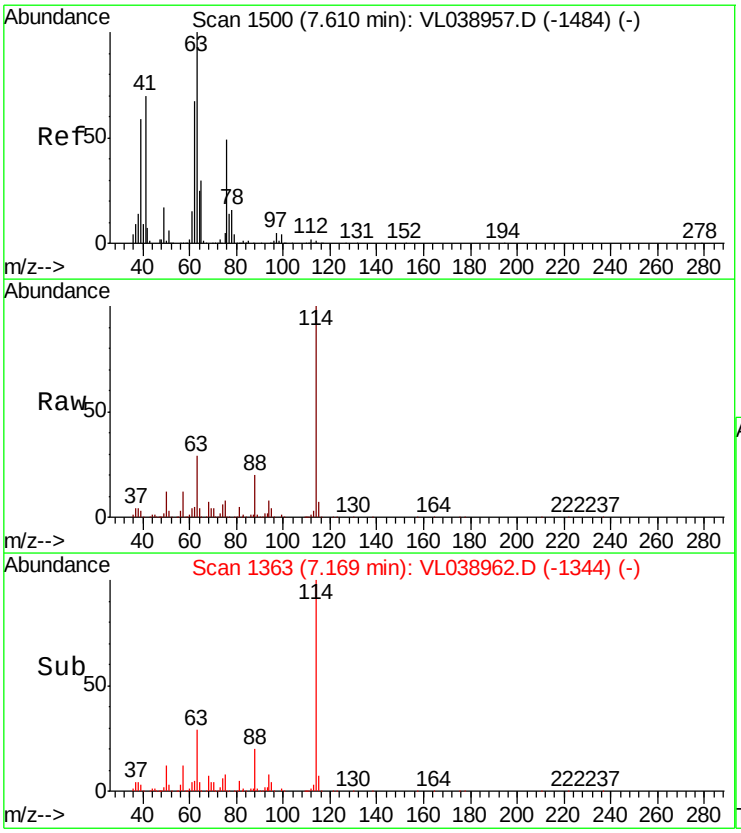
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17
Delta R.T
Lab File:
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3004042

Ion	Ratio	Lower	Upper
114	100		
63	29.3	22.6	33.8
88	19.7	15.4	23.0

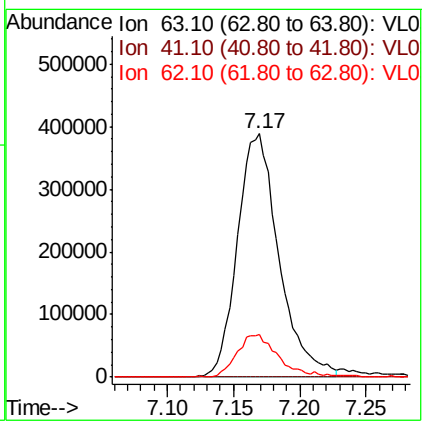


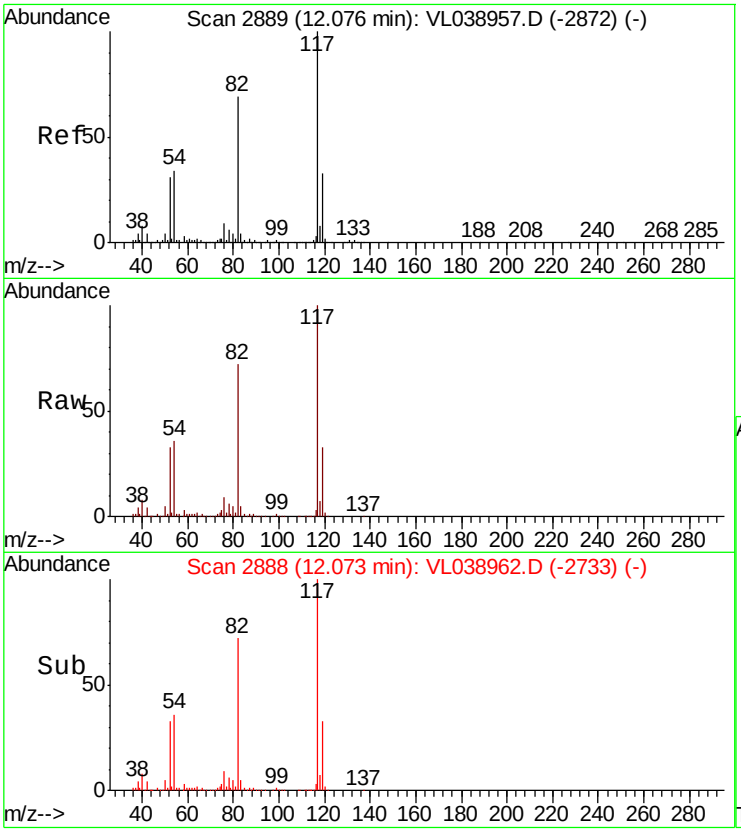


#39
1,2-Dichloropropane
Concen: 7.645 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.44 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion: 63 Resp: 848774

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	17.5	53.8	80.6#



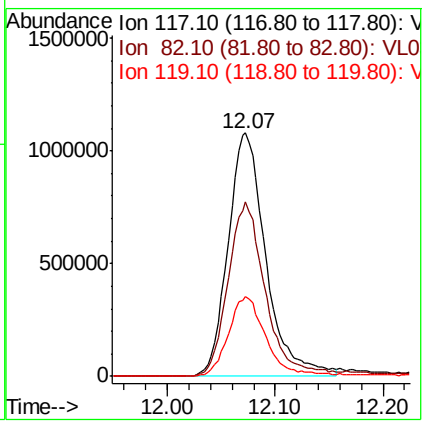


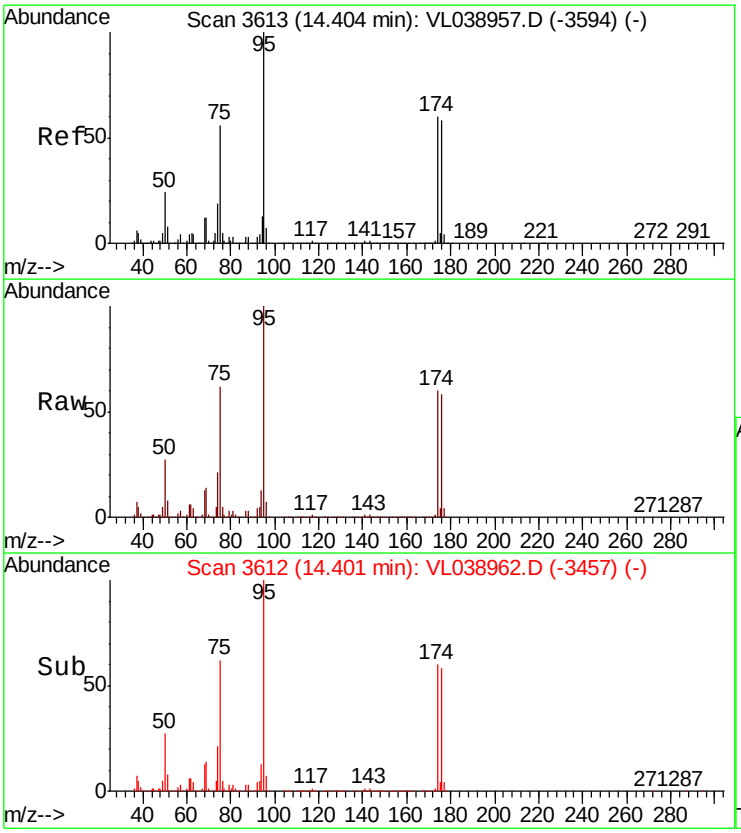
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07
Delta R.T
Lab File:
Acq: 5 May 2022 5:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2627798

Ion	Ratio	Lower	Upper
117	100		
82	74.0	57.0	85.6
119	34.2	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.320 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.00 min
Lab File: VL038962.D
Acq: 5 May 2022 5:53

Tgt Ion: 95 Resp: 2145114

Ion	Ratio	Lower	Upper
95	100		
174	63.2	50.8	76.2
175	4.4	3.8	5.6