Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039130.D
Acq On : 26 May 2022 11:18
Operator : SY/AP
Sample : QC052522 CAN 10294
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Quant Time: May 27 04:26:44 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	909952	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2075307	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1685216	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1482167	11.11	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 111.10%			
Target Compounds						Qvalue
9) Propene	3.01	41	2808	0.057	ppbv	# 13
13) Ethanol	3.60	45	565	0.162	ppbv	# 31
15) Acetone	3.86	43	7063	0.082	ppbv	# 67
20) Methylene Chloride	4.33	84	3952	0.122	ppbv	# 44
39) 1,2-Dichloropropane	7.15	63	611077	8.843	ppbv	# 27

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

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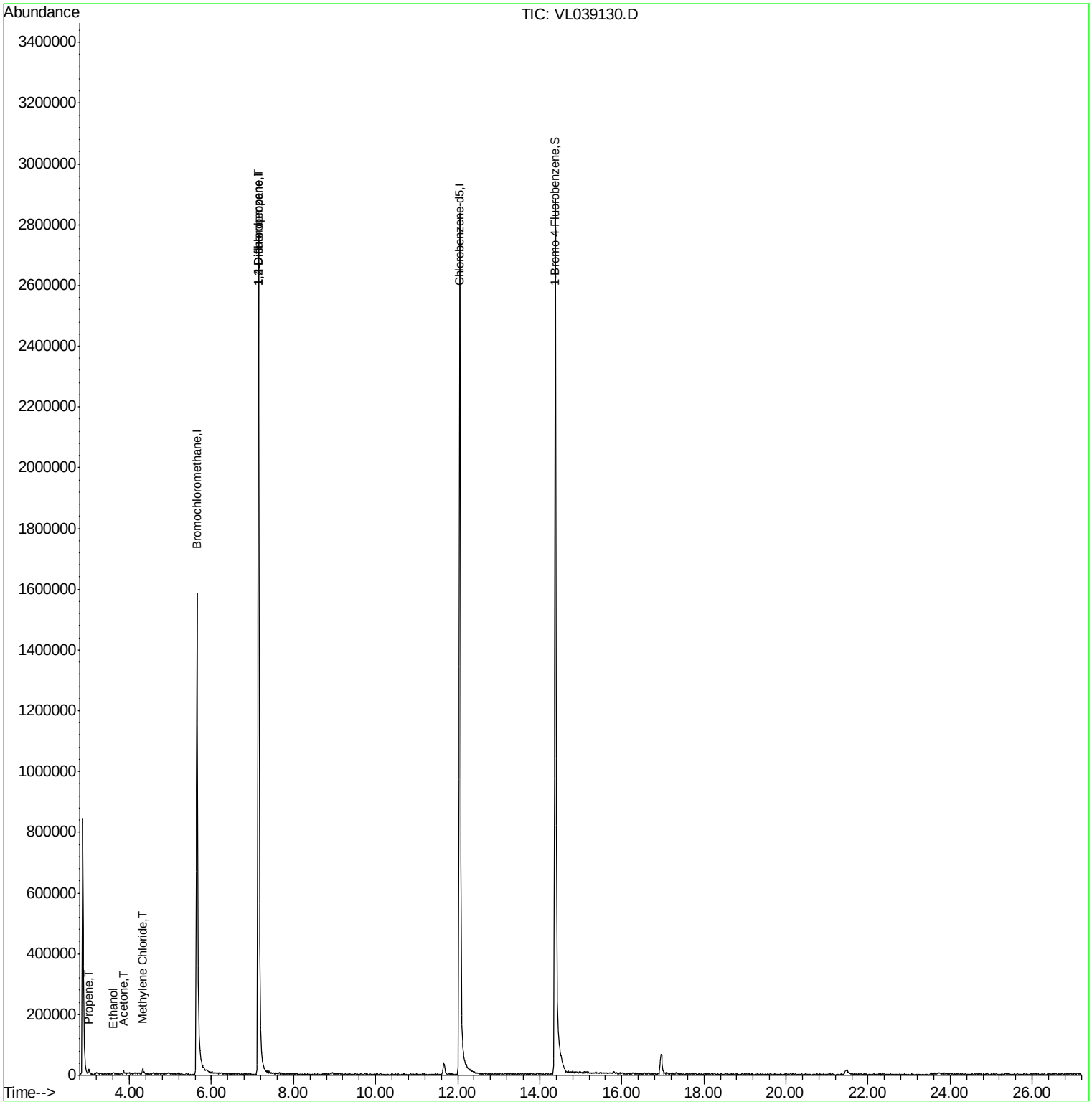
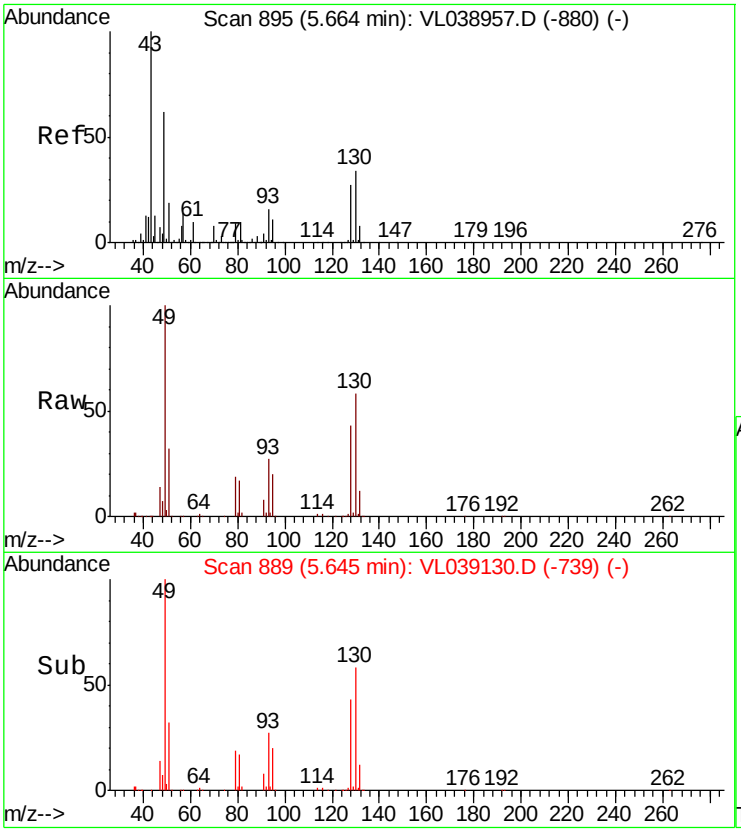


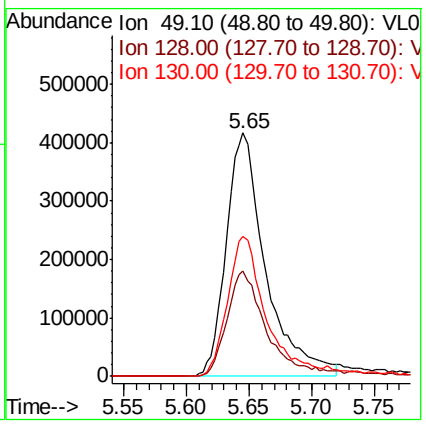


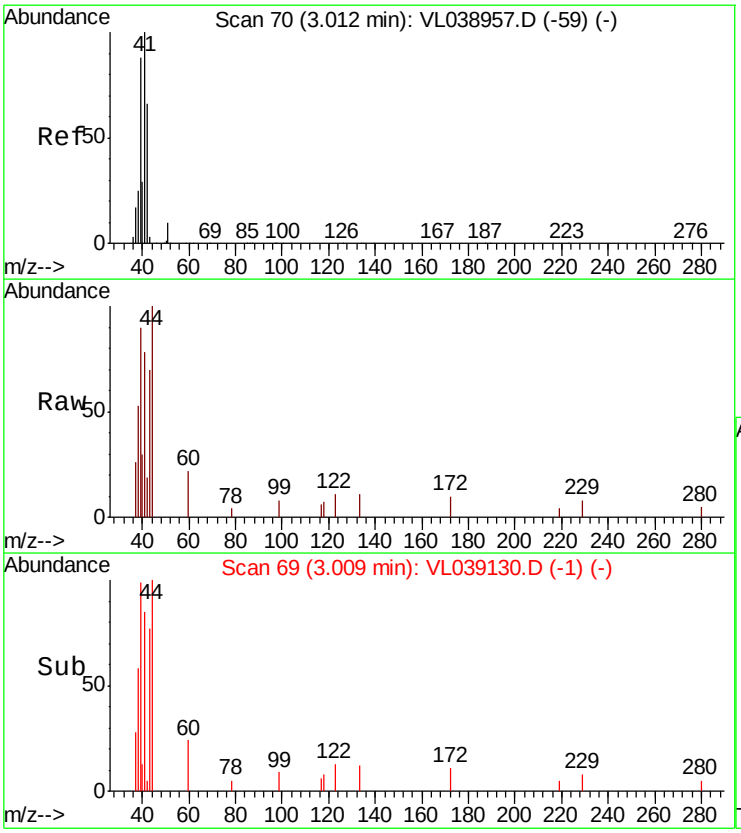
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65
Delta R.T
Lab File:
Acq: 26 May 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 49 Resp: 909952

Ion	Ratio	Lower	Upper
49	100		
128	45.8	23.3	69.8
130	59.9	29.8	89.3

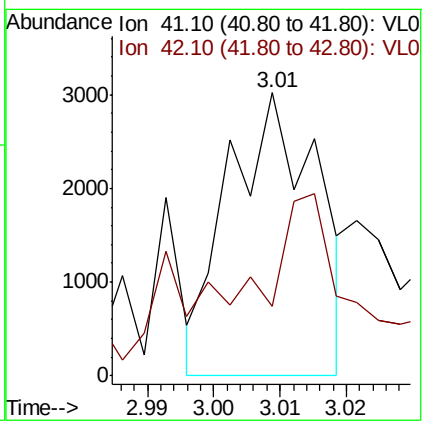


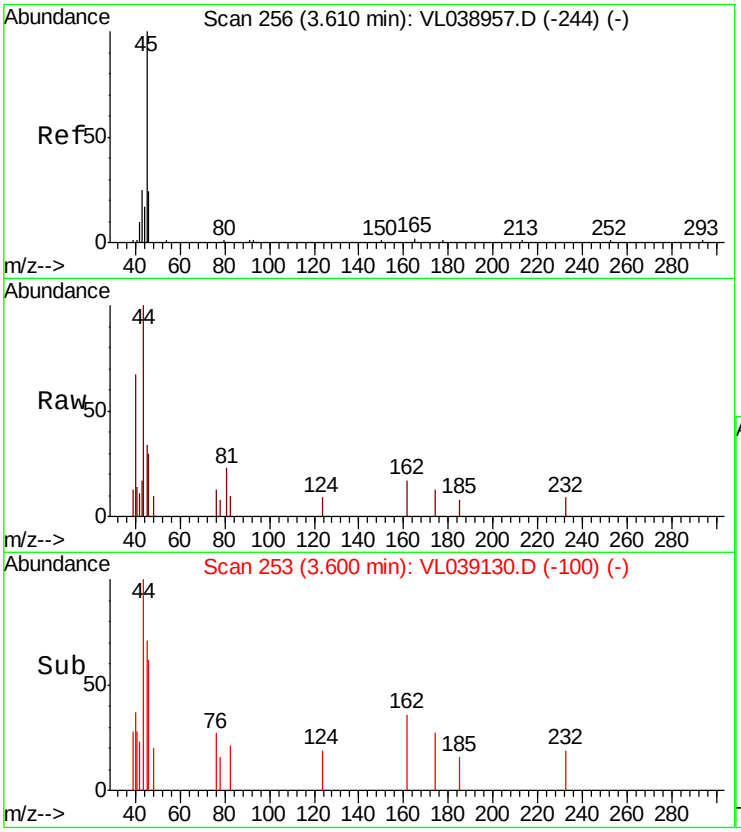


#9
Propene
Concen: 0.057 ppbv
RT: 3.01 min Scan# 69
Delta R.T. -0.00 min
Lab File: VL039130.D
Acq: 26 May 2022 11:18

Tgt Ion: 41 Resp: 2808

Ion	Ratio	Lower	Upper
41	100		
42	0.0	58.3	87.5#



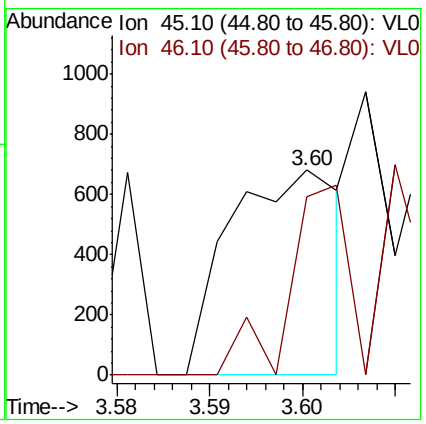


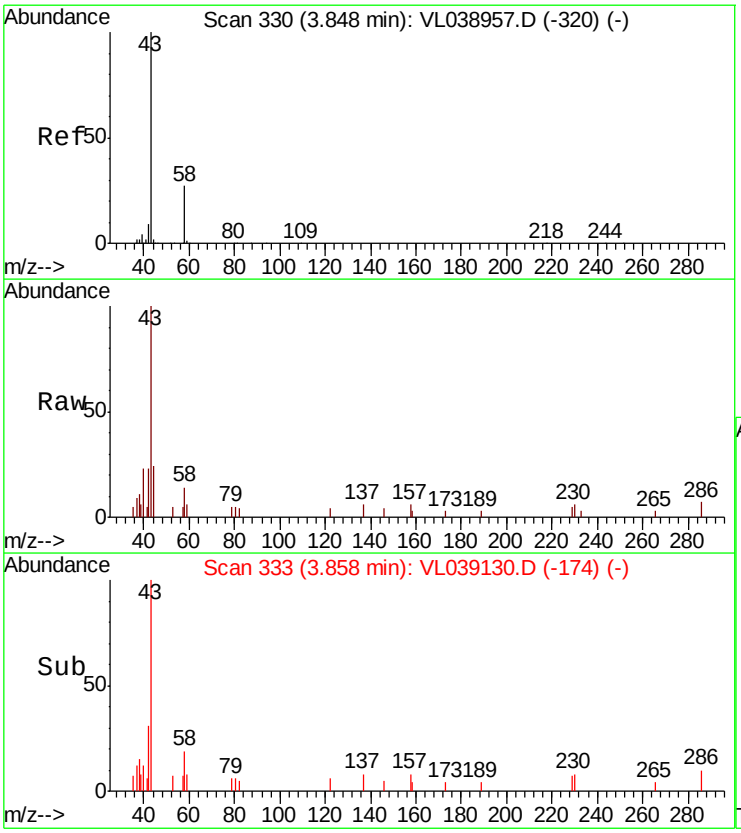
#13
Ethanol
Concen: 0.162 ppbv
RT: 3.60
Delta R.T
Lab File:
Acq: 26 May 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 45 Resp: 565

Ion	Ratio	Lower	Upper
45	100		
46	0.0	18.0	72.2#

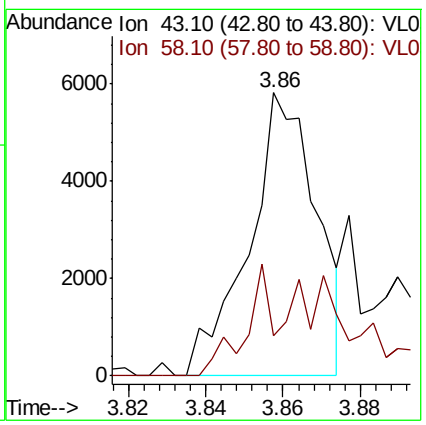


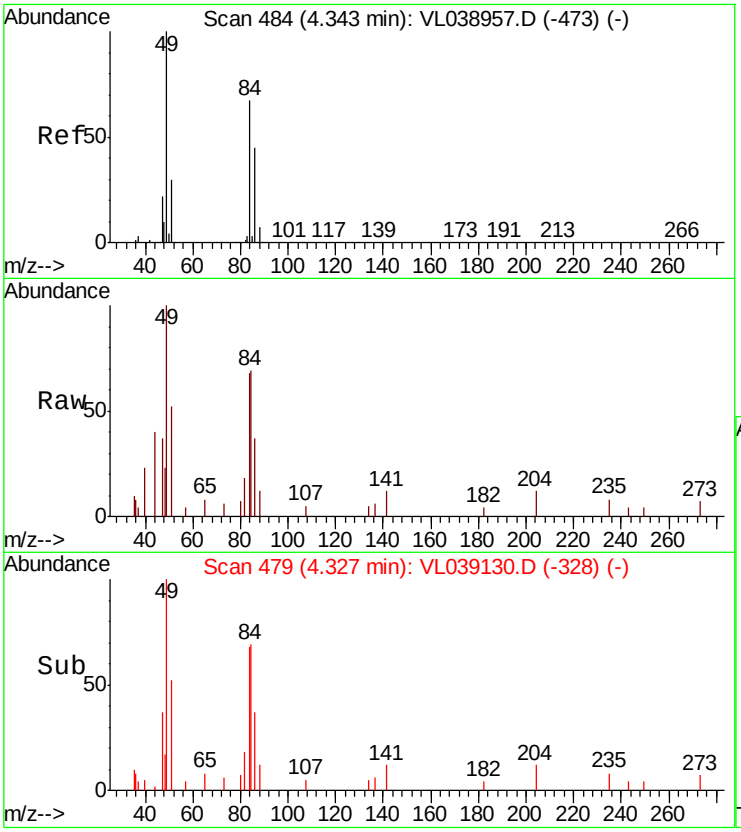


#15
Acetone
Concen: 0.082 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL039130.D
Acq: 26 May 2022 11:18

Tgt Ion: 43 Resp: 7063

Ion	Ratio	Lower	Upper
43	100		
58	43.8	21.3	31.9#



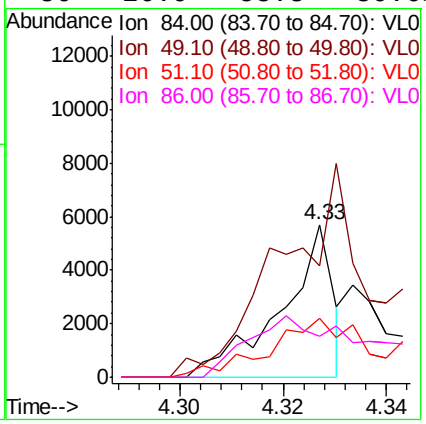


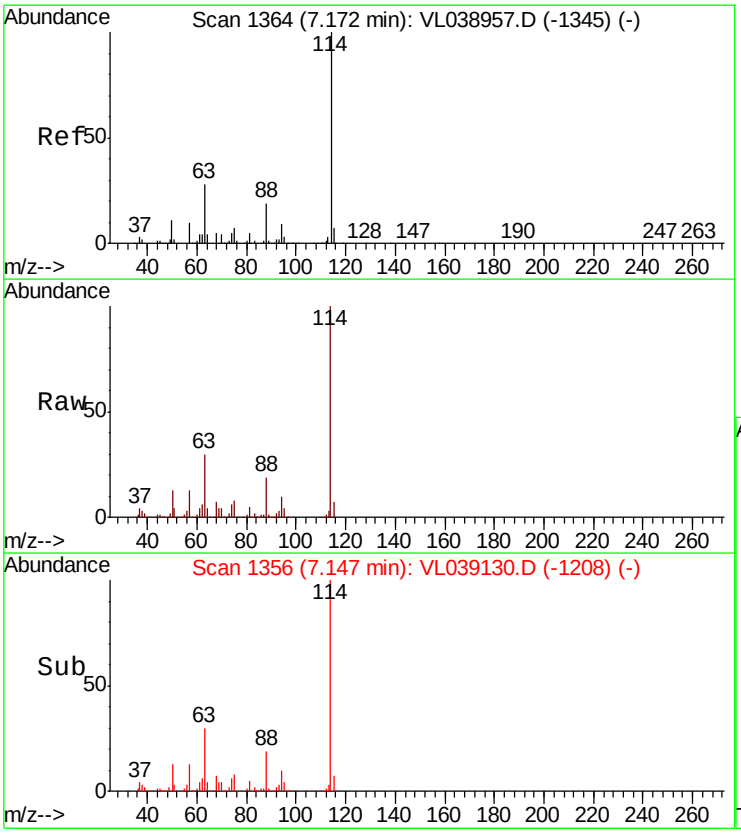
#20
Methylene Chloride
Concen: 0.122 ppbv
RT: 4.33
Delta R.T
Lab File:
Acq: 26 May 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 84 Resp: 3952

Ion	Ratio	Lower	Upper
84	100		
49	60.5	119.9	179.9#
51	35.5	35.7	53.5#
86	26.9	53.8	80.6#

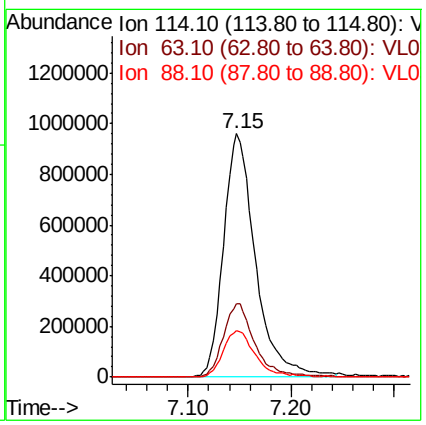


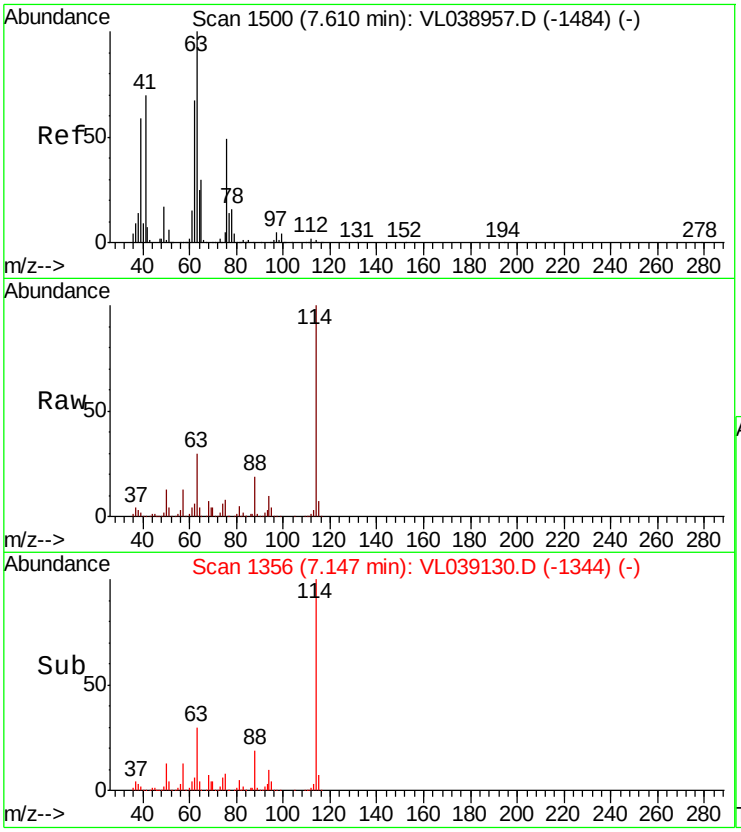


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.03 min
Lab File: VL039130.D
Acq: 26 May 2022 11:18

Tgt Ion:114 Resp: 2075307

Ion	Ratio	Lower	Upper
114	100		
63	30.3	22.6	33.8
88	19.5	15.4	23.0



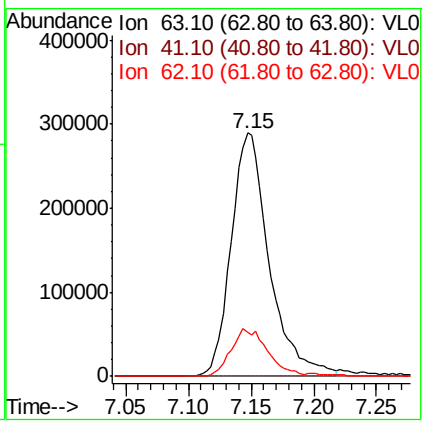


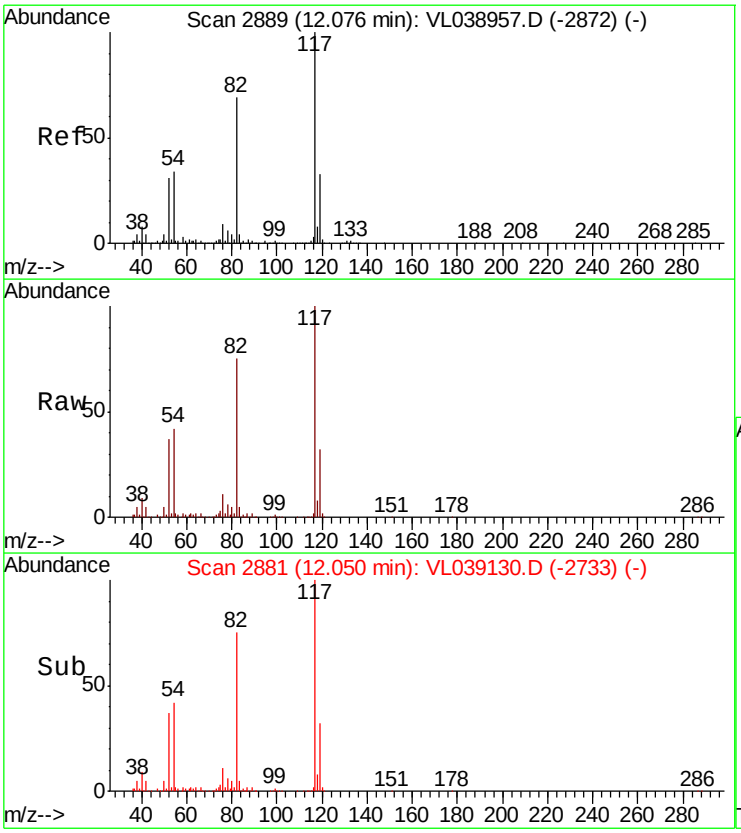
#39
1,2-Dichloropropane
Concen: 8.843 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 26 May 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 63 Resp: 611077

Ion	Ratio	Lower	Upper
63	100		
41	0.1	55.9	83.9#
62	18.3	53.8	80.6#

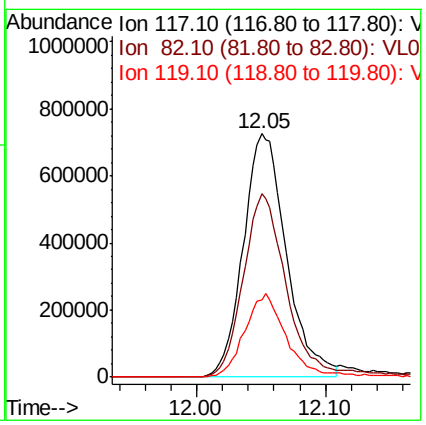


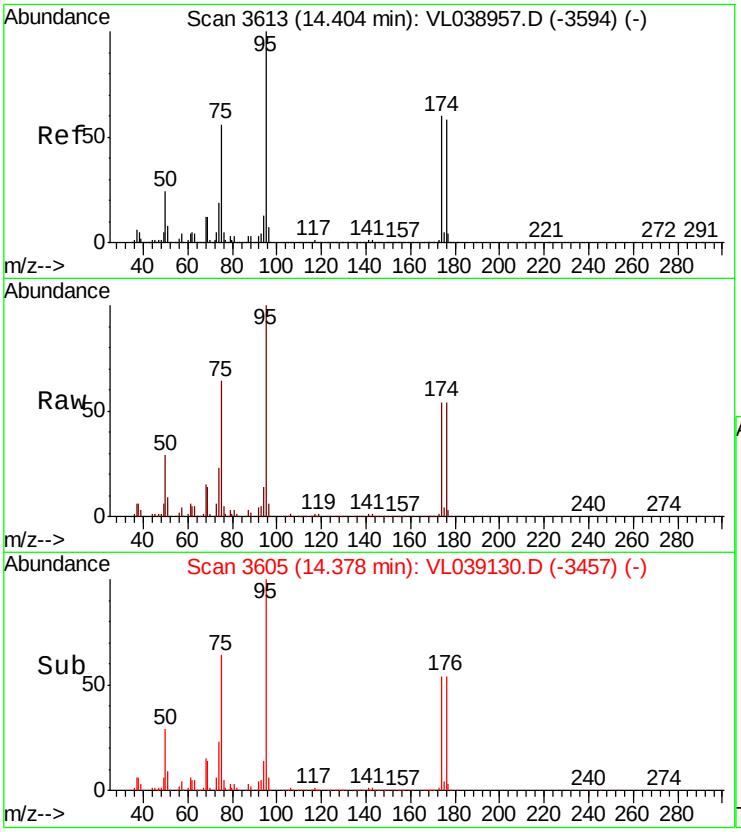


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.03 min
Lab File: VL039130.D
Acq: 26 May 2022 11:18

Tgt Ion:117 Resp: 1685216

Ion	Ratio	Lower	Upper
117	100		
82	78.5	57.0	85.6
119	34.0	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 11.106 ppbv
RT: 14.38
Delta R.T
Lab File:
Acq: 26 May 2022 11:18

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 95 Resp: 1482167

Ion	Ratio	Lower	Upper
95	100		
174	59.0	50.8	76.2
175	4.1	3.8	5.6