Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052522\
Data File : VL039129.D
Acq On : 26 May 2022 10:40
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 04:26:36 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	5.64	49	985788	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2215477	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	1841312	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1524435	10.45	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%			
Target Compounds						Qvalue
13) Ethanol	3.60	45	1242	0.329	ppbv	# 1
15) Acetone	3.85	43	4451	0.048	ppbv	# 48
20) Methylene Chloride	4.33	84	6540	0.187	ppbv	89
39) 1,2-Dichloropropane	7.19	63	12544	0.170	ppbv	# 21

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

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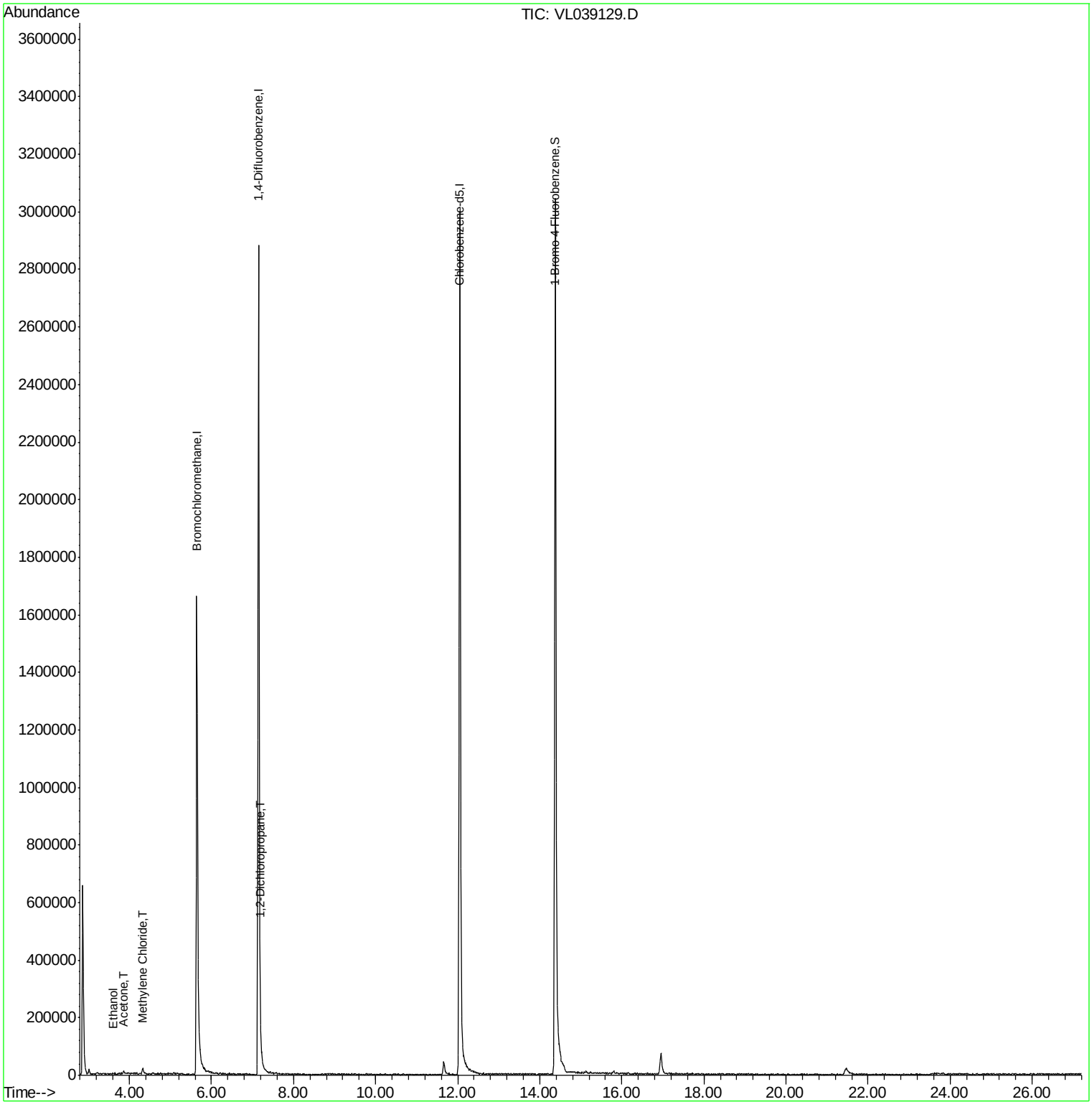
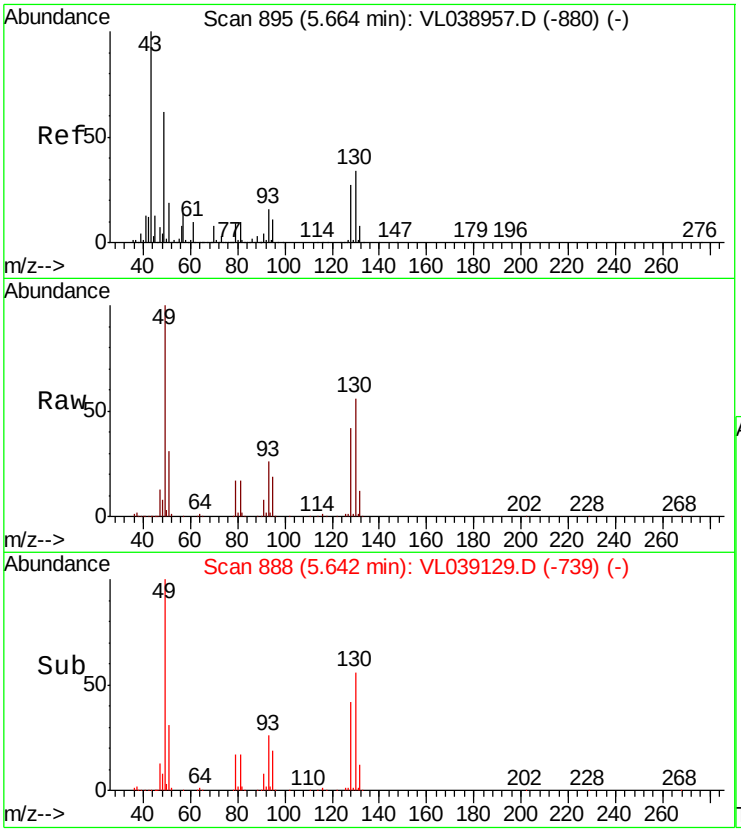


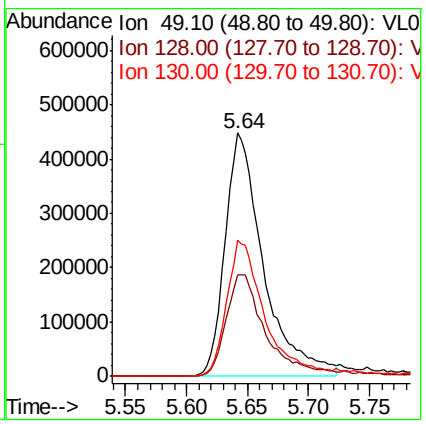


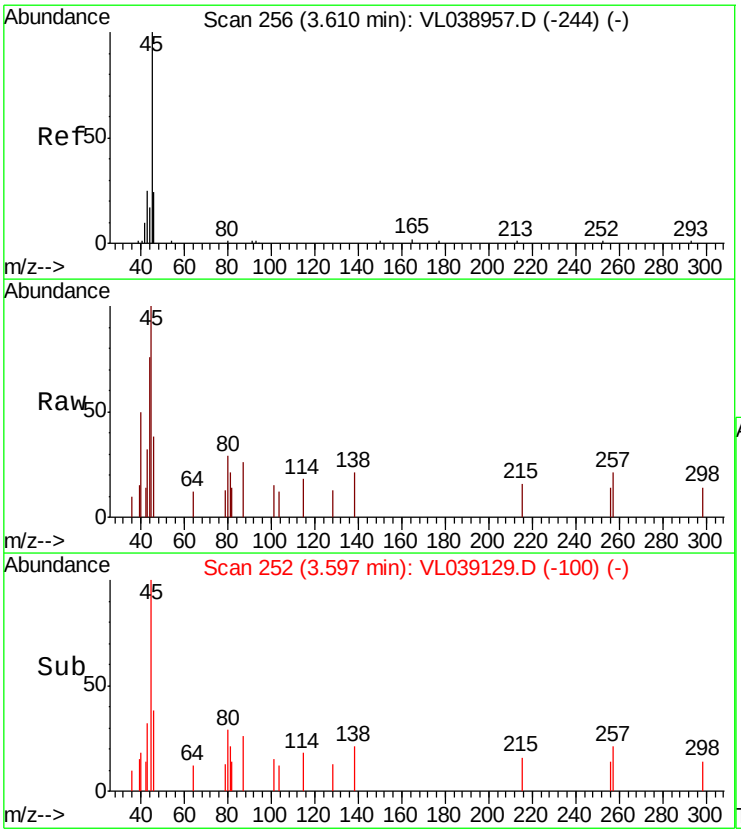
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64
Delta R.T
Lab File:
Acq: 26 May 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 49 Resp: 985788

Ion	Ratio	Lower	Upper
49	100		
128	46.1	23.3	69.8
130	59.0	29.8	89.3

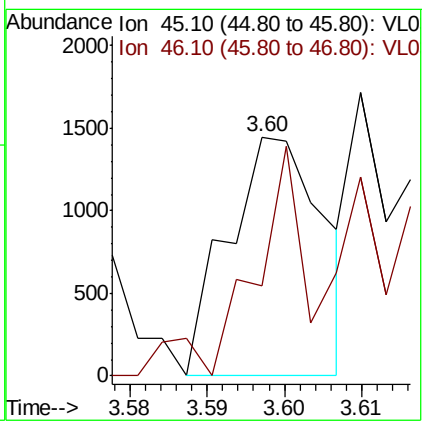


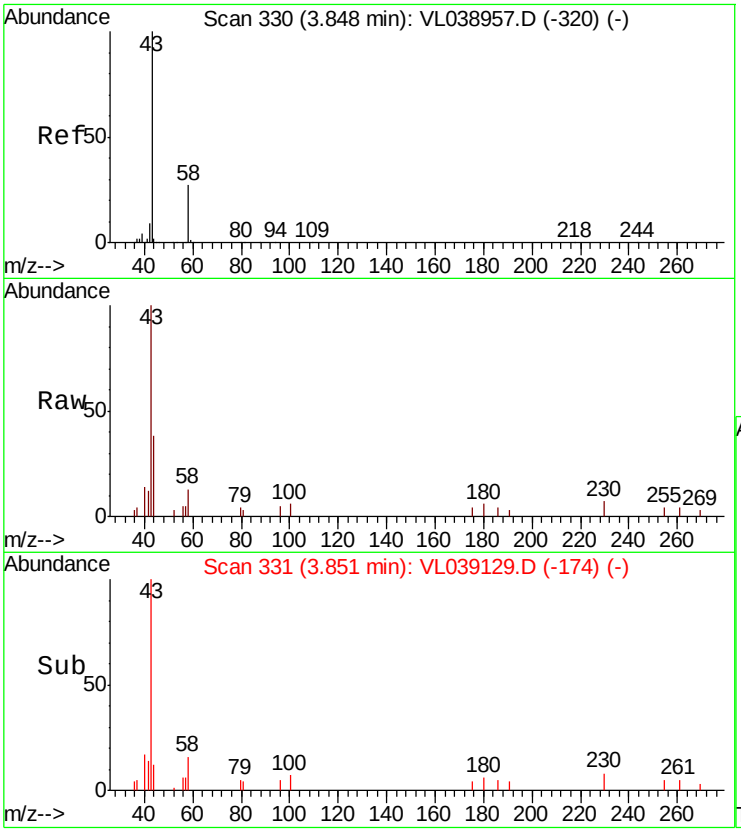


#13
Ethanol
Concen: 0.329 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL039129.D
Acq: 26 May 2022 10:40

Tgt Ion: 45 Resp: 1242

Ion	Ratio	Lower	Upper
45	100		
46	155.9	18.0	72.2#



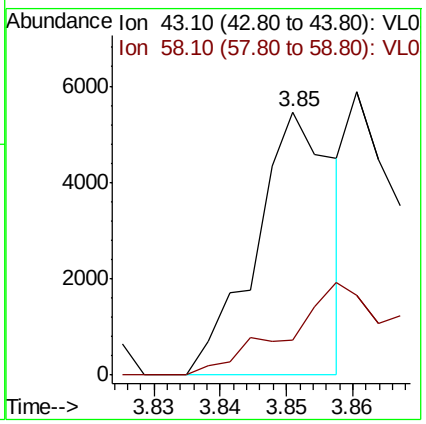


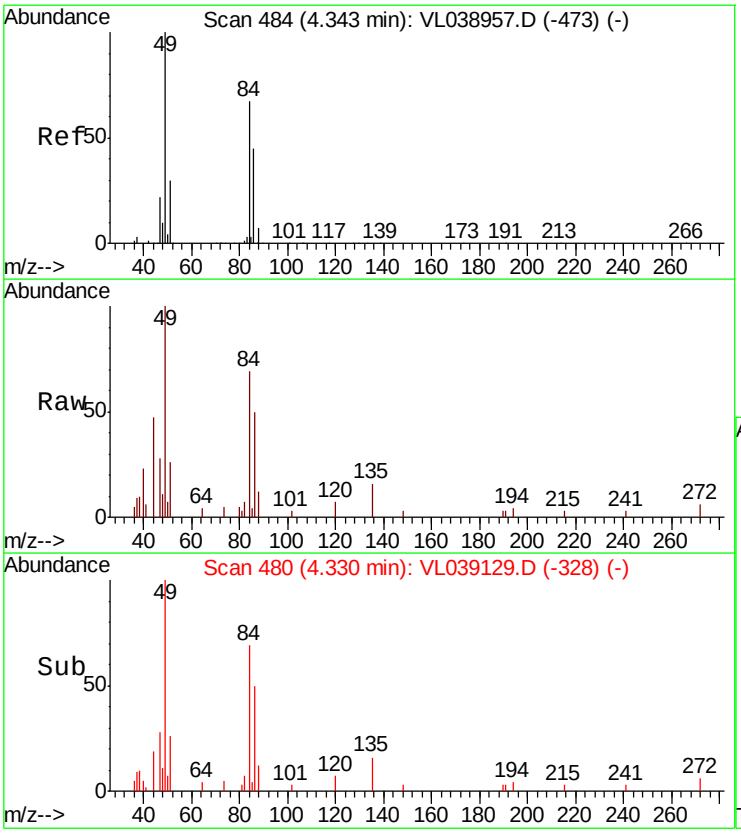
#15
Acetone
Concen: 0.048 ppbv
RT: 3.85
Delta R.T
Lab File:
Acq: 26 May 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion: 43 Resp: 4451

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.3	31.9#

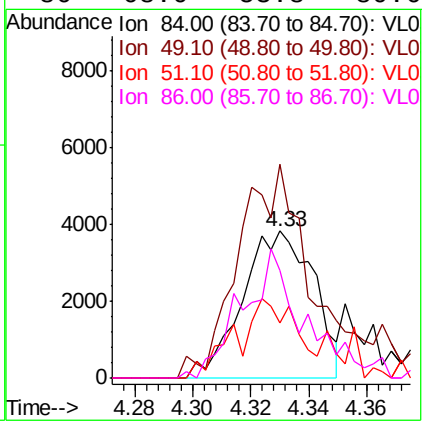


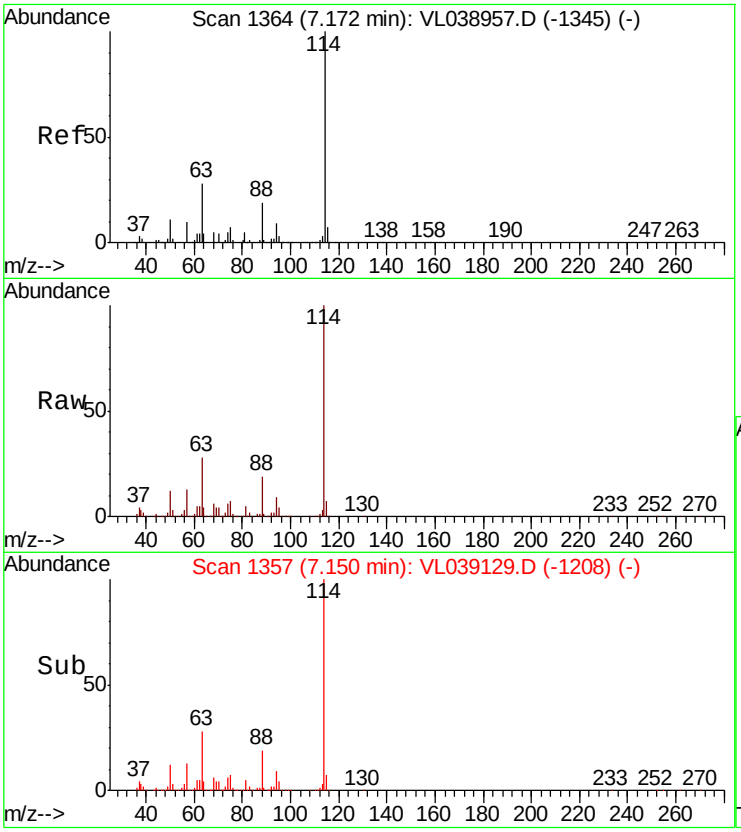


#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL039129.D
Acq: 26 May 2022 10:40

Tgt Ion: 84 Resp: 6540

Ion	Ratio	Lower	Upper
84	100		
49	130.7	119.9	179.9
51	37.3	35.7	53.5
86	68.0	53.8	80.6



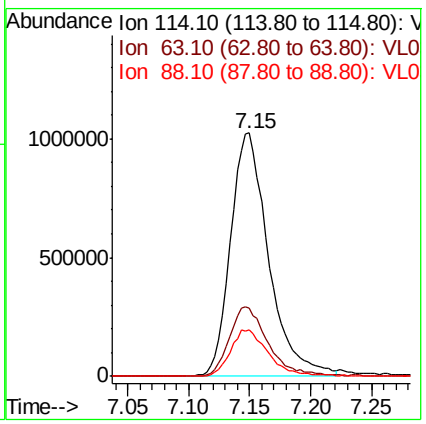


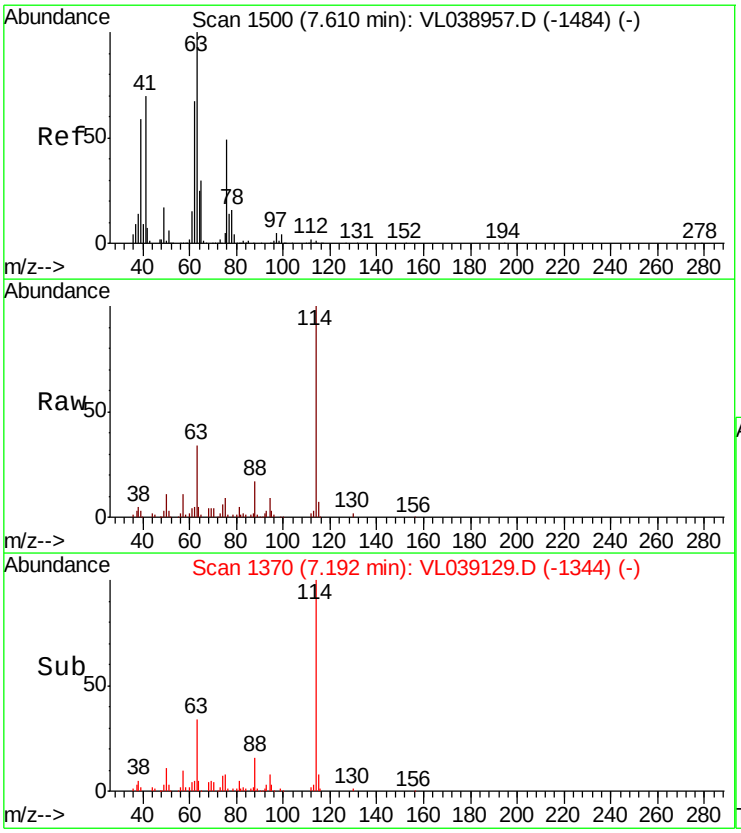
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15
Delta R.T
Lab File:
Acq: 26 May 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion:114 Resp: 2215477

Ion	Ratio	Lower	Upper
114	100		
63	29.7	22.6	33.8
88	19.4	15.4	23.0

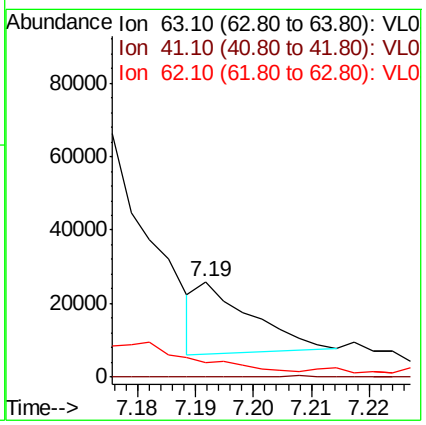


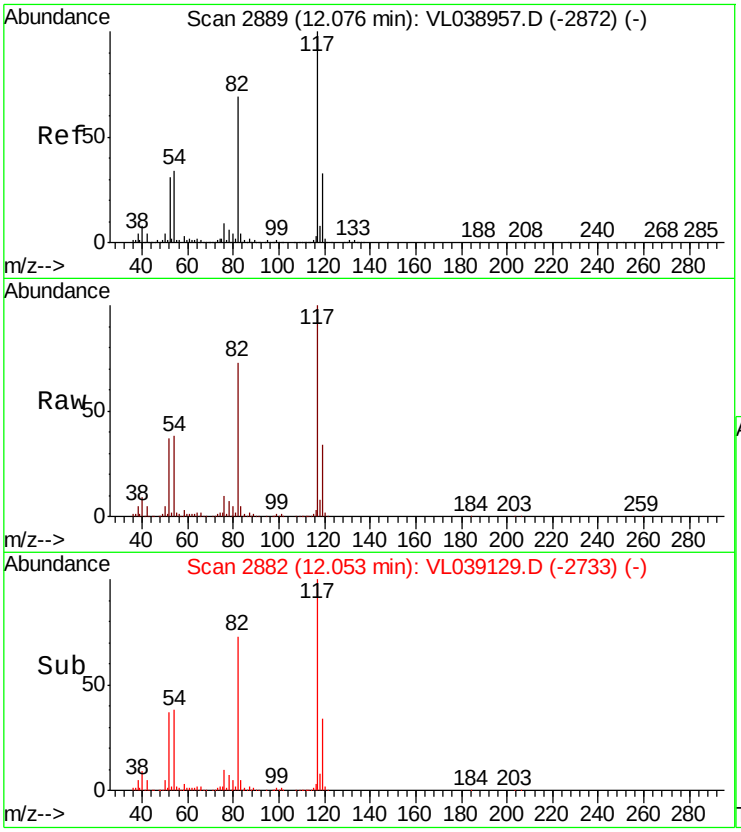


#39
1,2-Dichloropropane
Concen: 0.170 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.42 min
Lab File: VL039129.D
Acq: 26 May 2022 10:40

Tgt Ion: 63 Resp: 12544

Ion	Ratio	Lower	Upper
63	100		
41	0.0	55.9	83.9#
62	8.8	53.8	80.6#



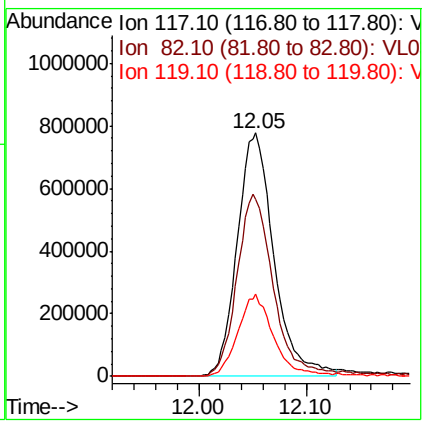


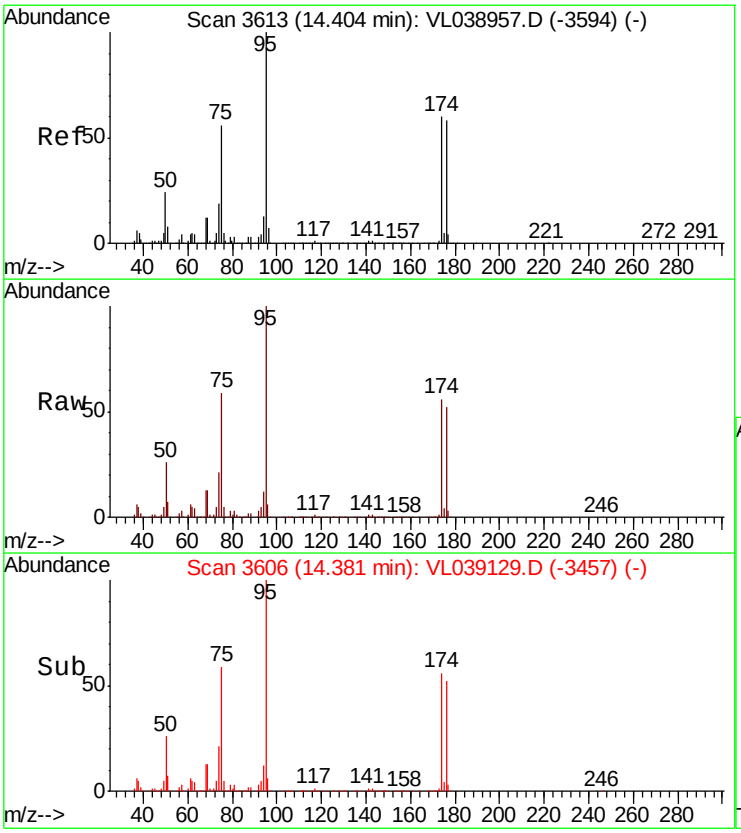
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05
Delta R.T
Lab File:
Acq: 26 May 2022 10:40

Instrument :
MSVOA_L
ClientSampleId :
QC052522 CAN 10294

Tgt Ion:117 Resp: 1841312

Ion	Ratio	Lower	Upper
117	100		
82	77.1	57.0	85.6
119	33.6	27.2	40.8





#68
1-Bromo-4-Fluorobenzene
Concen: 10.454 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.02 min
Lab File: VL039129.D
Acq: 26 May 2022 10:40

Tgt Ion: 95 Resp: 1524435

Ion	Ratio	Lower	Upper
95	100		
174	59.7	50.8	76.2
175	4.2	3.8	5.6