Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082720\
Data File : VL035522.D
Acq On : 27 Aug 2020 17:00
Operator : SY/AP
Sample : CAN 10608
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Quant Time: Aug 28 01:27:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.69	49	980869	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.20	114	4066349	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.13	117	4066230	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	2977211	10.31	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.20	85	5230	0.031	ppbv		89
3) Chlorodifluoromethane	2.99	51	3936	0.036	ppbv		98
6) Bromomethane	3.49	94	2139	0.036	ppbv	#	53
7) Chloroethane	3.57	64	872	0.034	ppbv		93
13) Ethanol	3.63	45	591	0.057	ppbv	#	37
15) Acetone	3.88	43	23302	0.215	ppbv	#	60
20) Methylene Chloride	4.37	84	80772	1.002	ppbv		95
22) trans-1,2-Dichloroethene	4.91	96	2666	0.030	ppbv	#	87
24) 1,1-Dichloroethane	5.03	63	4324	0.030	ppbv	#	92
25) Ethyl Acetate	5.71	43	21153	0.111	ppbv	#	81
26) Hexane	5.71	57	30930	0.286	ppbv	#	52
34) 2-Butanone	5.29	43	6164	0.051	ppbv		97
39) 1,2-Dichloropropane	7.20	63	744524	8.373	ppbv	#	32
42) Bromodichloromethane	7.82	83	6405	0.032	ppbv	#	72
56) 1,1,1,2-Tetrachloroethane	12.17	131	5018	0.030	ppbv	#	66
75) 1,3-Dichlorobenzene	17.06	146	11506	0.034	ppbv		97

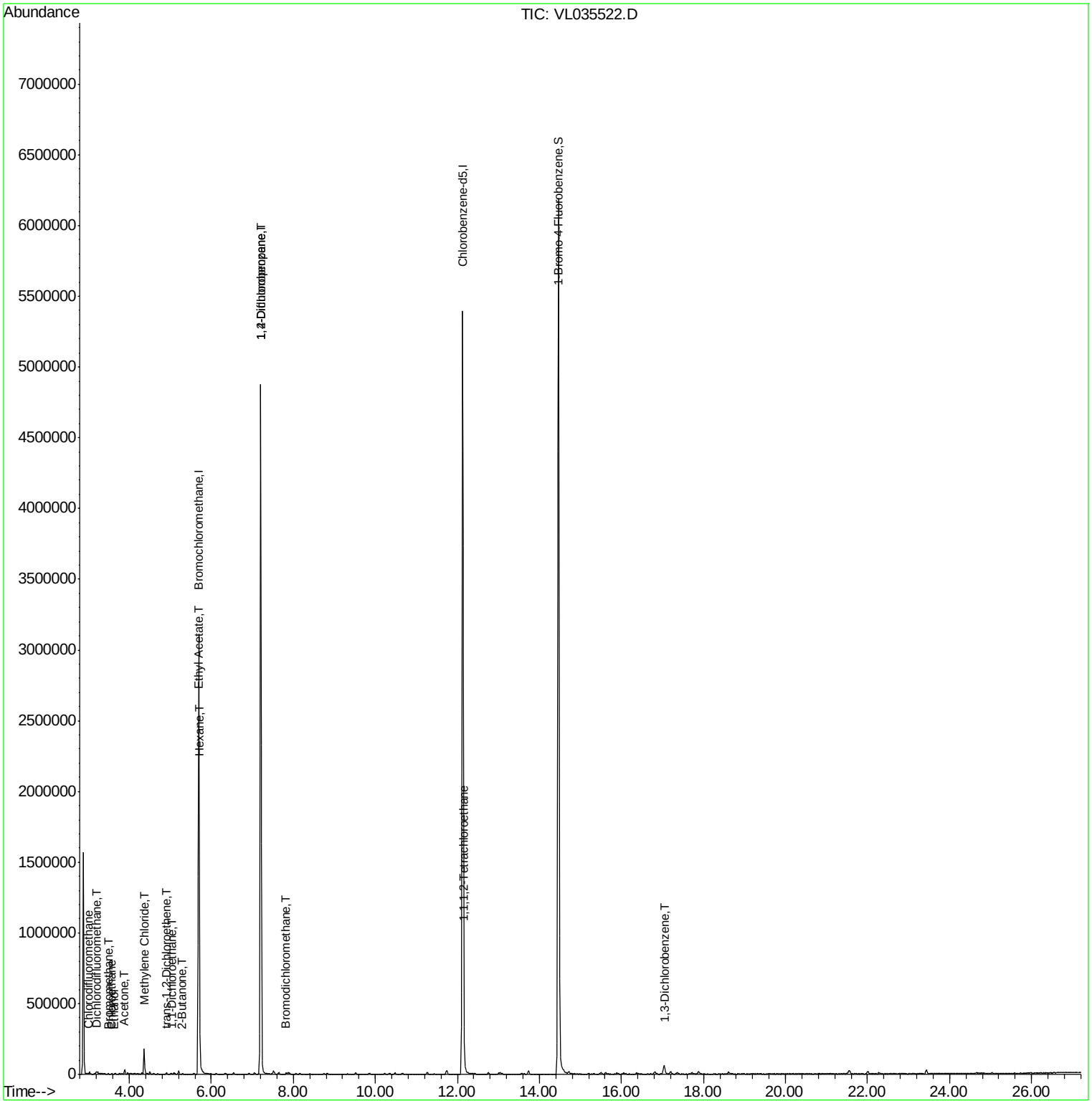
(#) = qualifier out of range (m) = manual integration (+) = signals summed

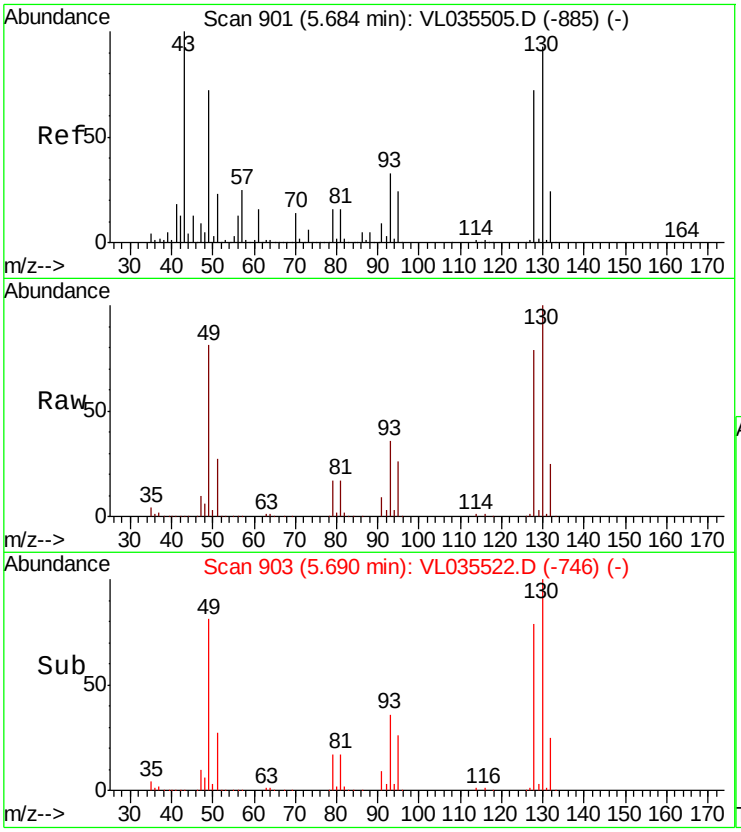
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL082720\
Data File : VL035522.D
Acq On : 27 Aug 2020 17:00
Operator : SY/AP
Sample : CAN 10608
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

Quant Time: Aug 28 01:27:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration



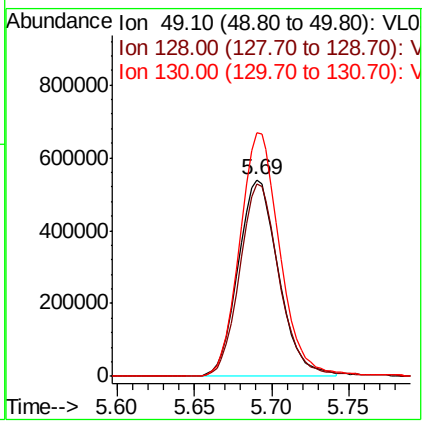


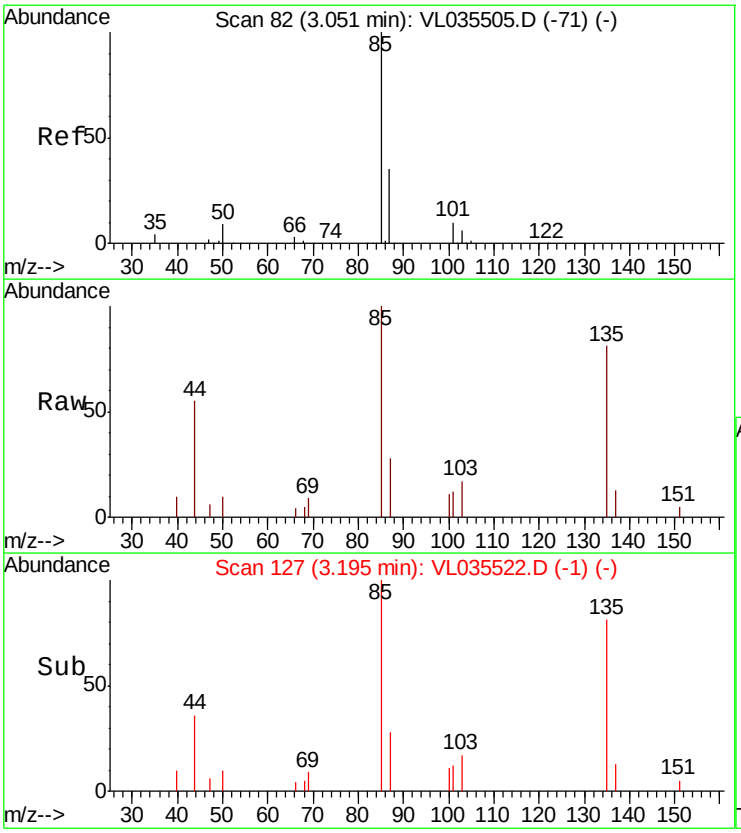
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.69 min Scan# 903
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion: 49 Resp: 980869

Ion	Ratio	Lower	Upper
49	100		
128	97.4	50.0	150.1
130	124.6	64.4	193.2

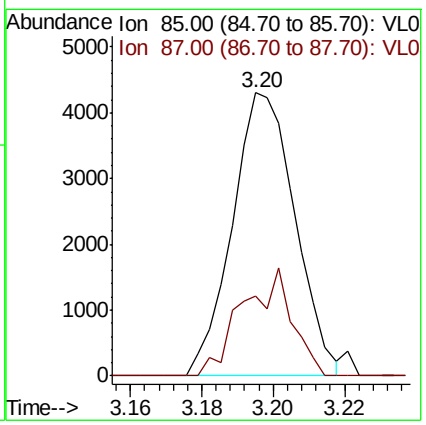


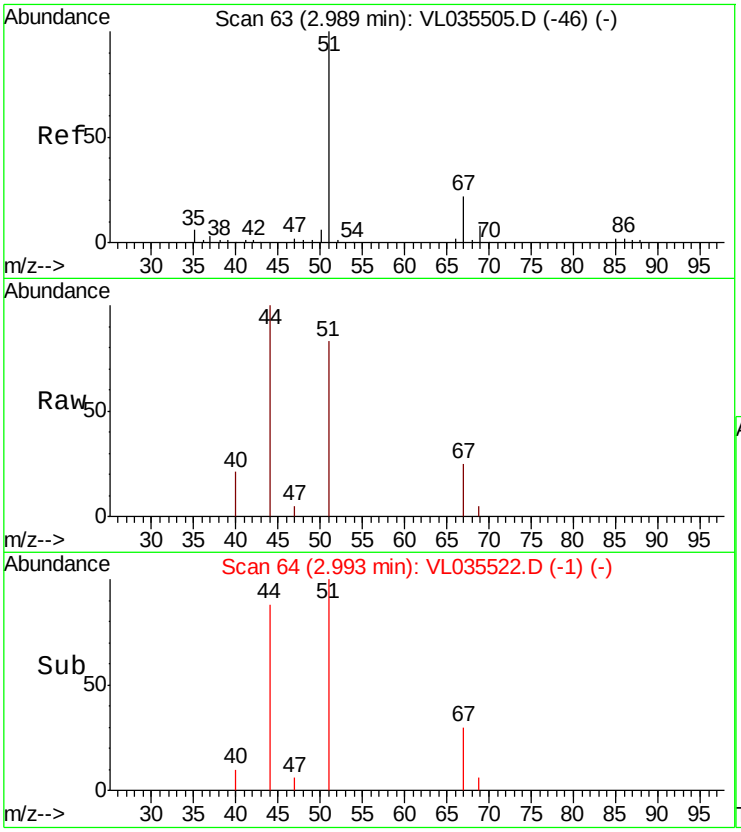


#2
Dichlorodifluoromethane
Concen: 0.031 ppbv
RT: 3.20 min Scan# 127
Delta R.T. 0.14 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 85 Resp: 5230

Ion	Ratio	Lower	Upper
85	100		
87	28.4	28.0	42.0

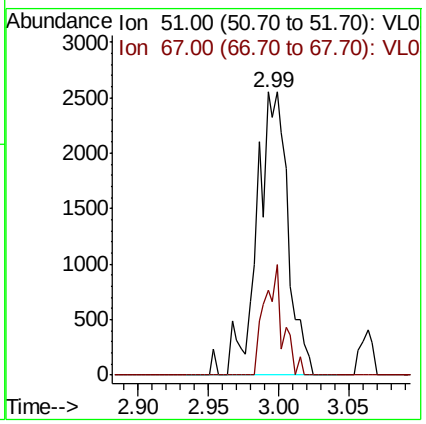




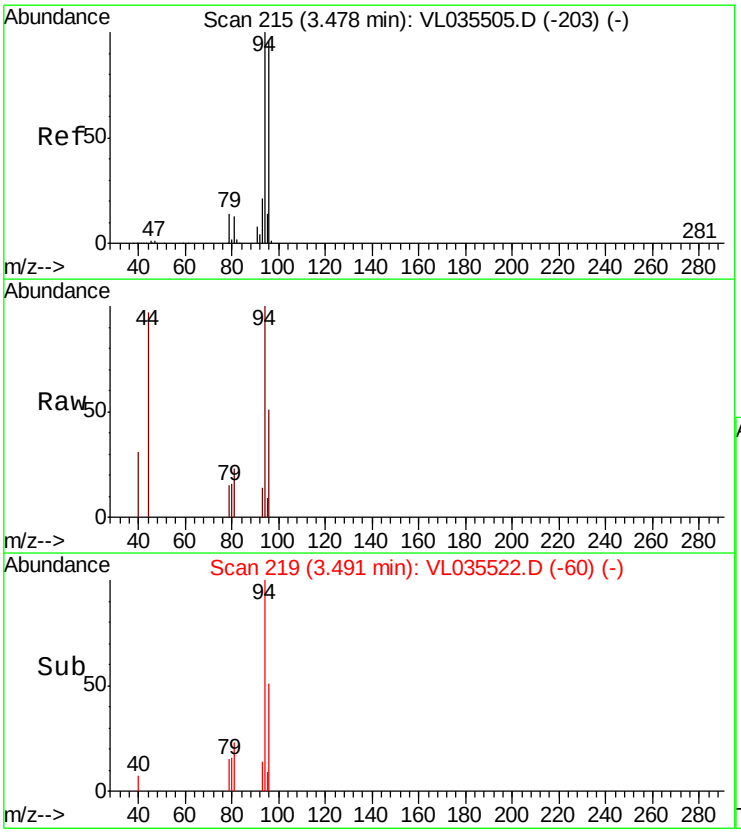
#3
Chlorodifluoromethane
Concen: 0.036 ppbv
RT: 2.99 min Scan# 64
Delta R.T. 0.00 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 51 Resp: 3936

Ion	Ratio	Lower	Upper
51	100		
67	23.2	17.8	26.8



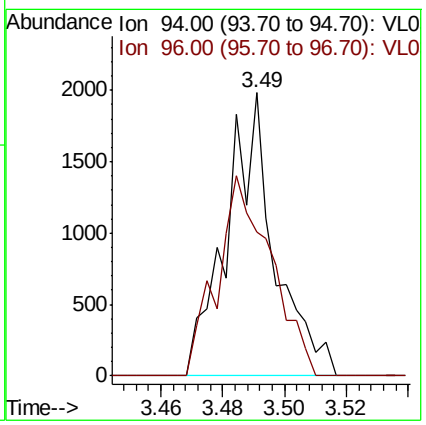
Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

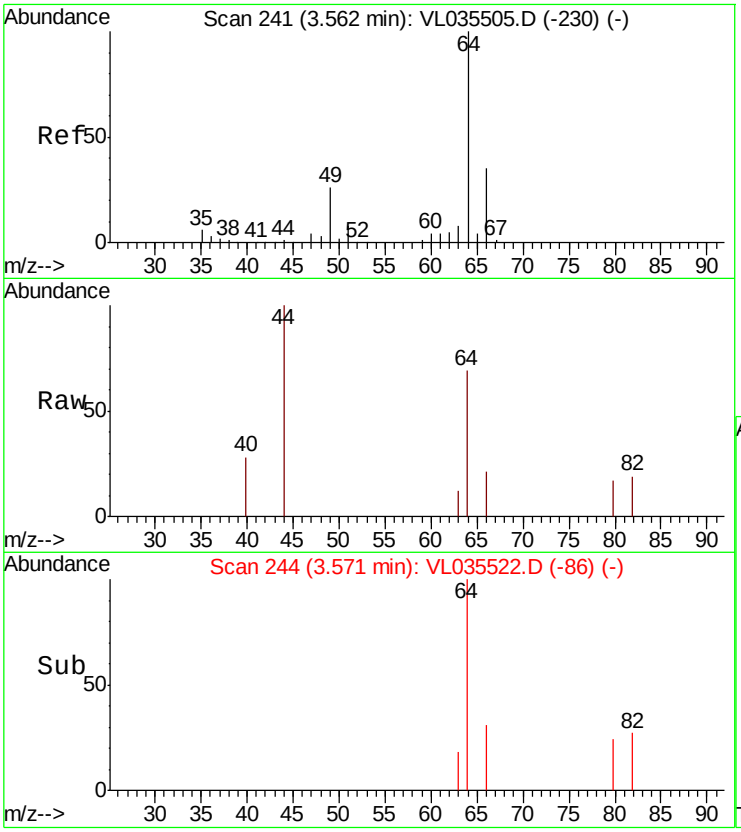


#6
Bromomethane
Concen: 0.036 ppbv
RT: 3.49 min Scan# 219
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 94 Resp: 2139

Ion	Ratio	Lower	Upper
94	100		
96	50.6	77.1	115.7#



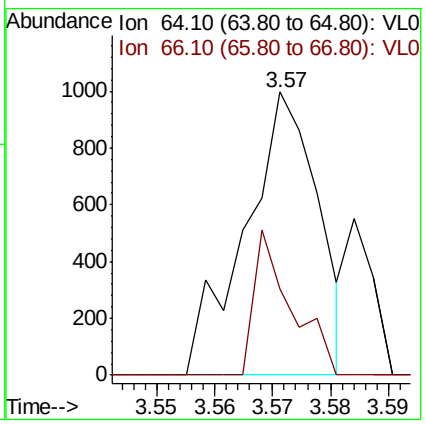


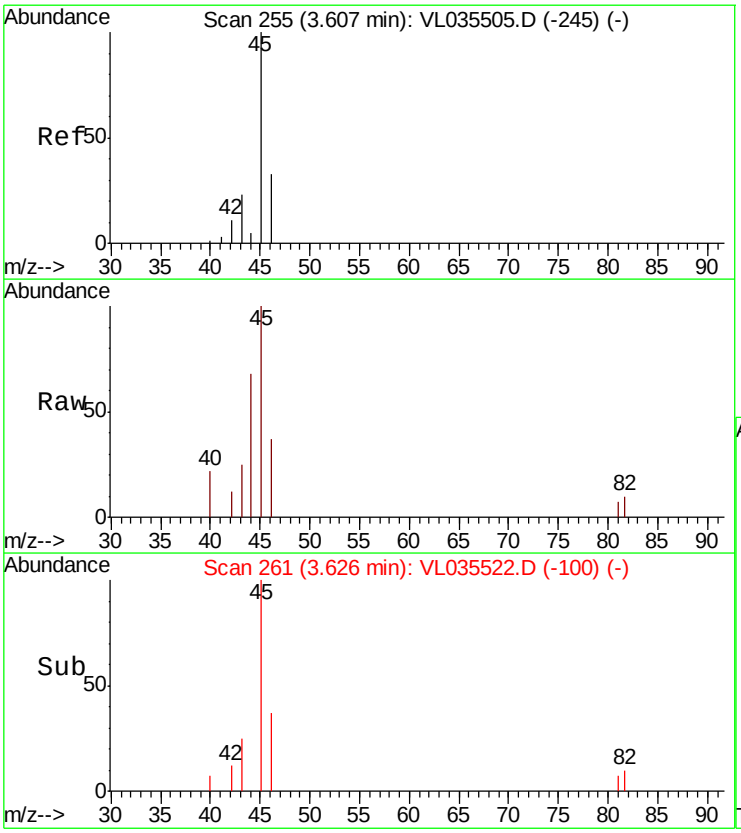
#7
Chloroethane
Concen: 0.034 ppbv
RT: 3.57 min Scan# 244
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

Tgt Ion: 64 Resp: 872

Ion	Ratio	Lower	Upper
64	100		
66	30.6	27.7	41.5

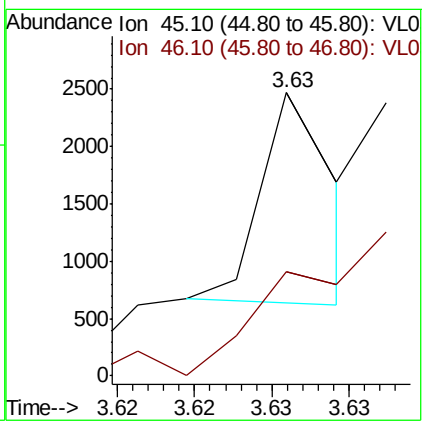


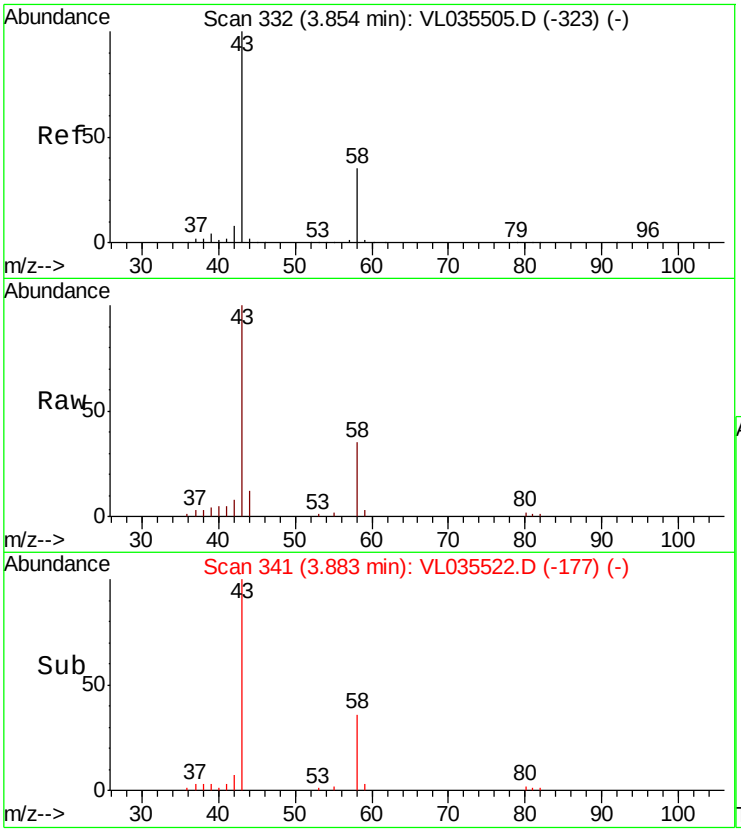


#13
Ethanol
Concen: 0.057 ppbv
RT: 3.63 min Scan# 261
Delta R.T. 0.02 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 45 Resp: 591

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	60.6#



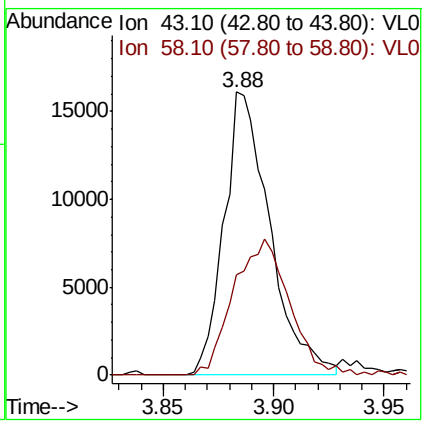


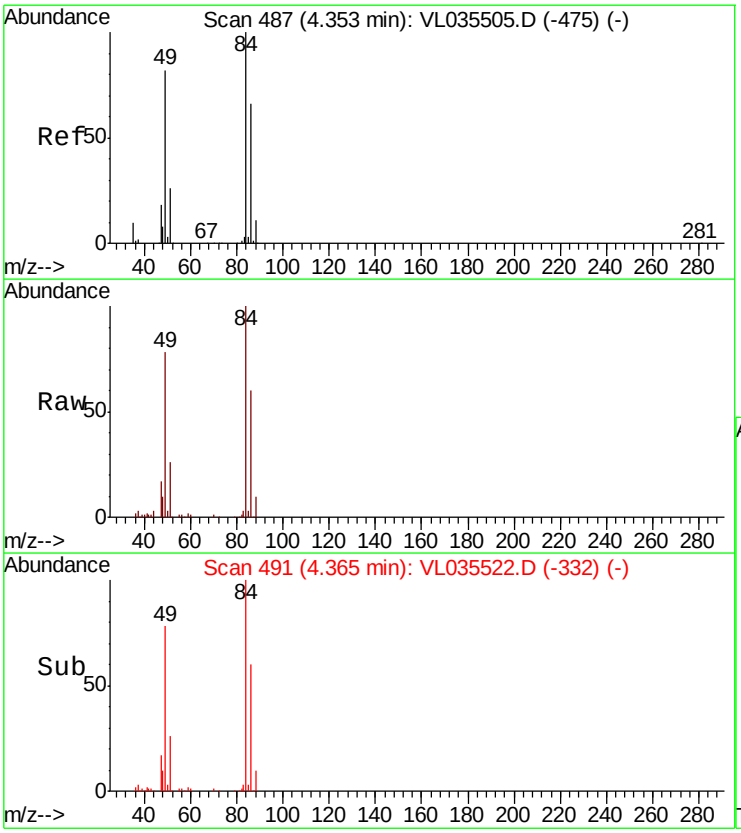
#15
Acetone
Concen: 0.215 ppbv
RT: 3.88 min Scan# 341
Delta R.T. 0.03 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion: 43 Resp: 23302

Ion	Ratio	Lower	Upper
43	100		
58	58.8	28.4	42.6#

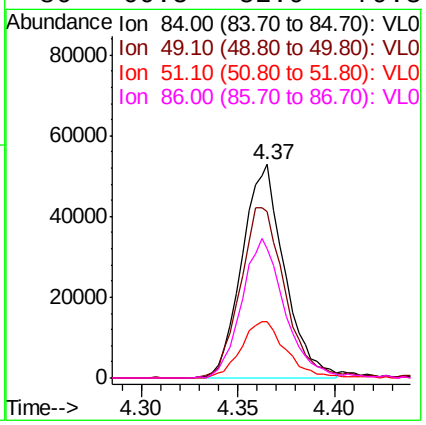


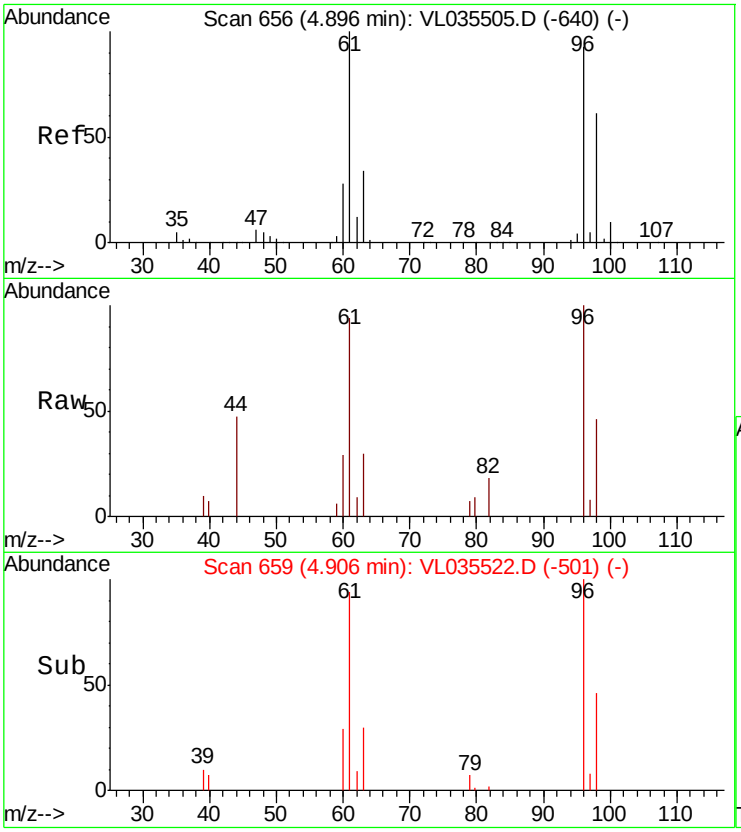


#20
Methylene Chloride
Concen: 1.002 ppbv
RT: 4.37 min Scan# 491
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 84 Resp: 80772

Ion	Ratio	Lower	Upper
84	100		
49	78.0	65.4	98.0
51	26.2	21.5	32.3
86	60.5	52.9	79.3



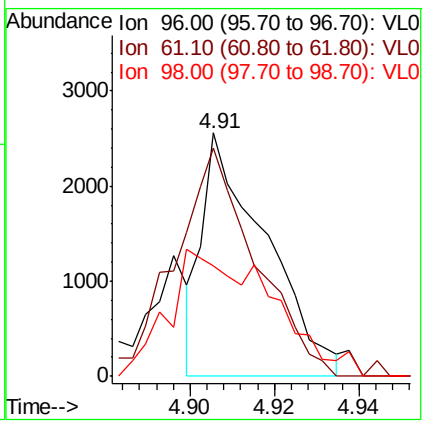


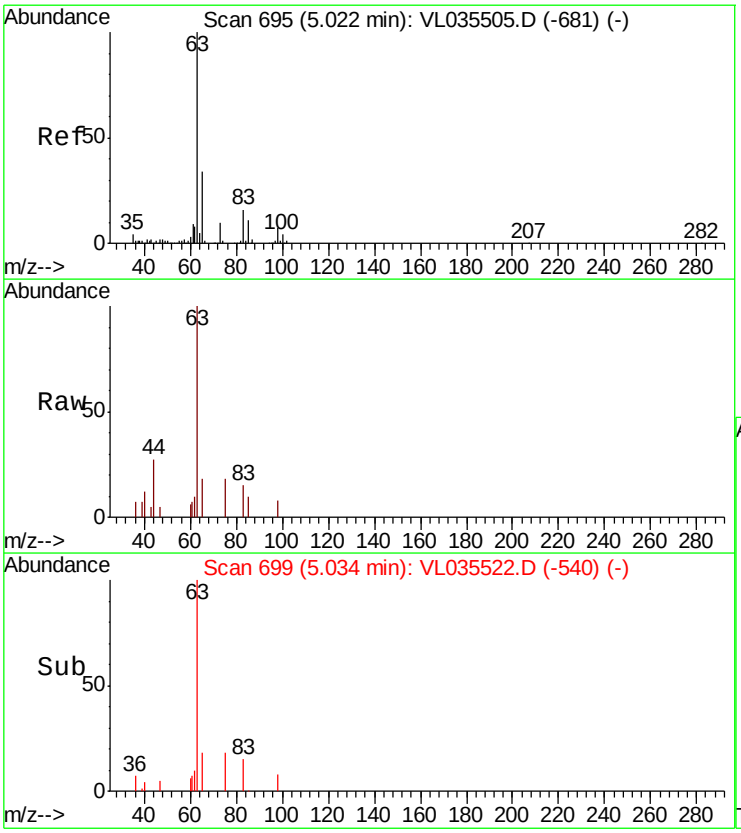
#22
trans-1,2-Dichloroethene
Concen: 0.030 ppbv
RT: 4.91 min Scan# 659
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

Tgt Ion: 96 Resp: 2666

Ion	Ratio	Lower	Upper
96	100		
61	103.3	86.0	129.0
98	42.9	52.3	78.5#

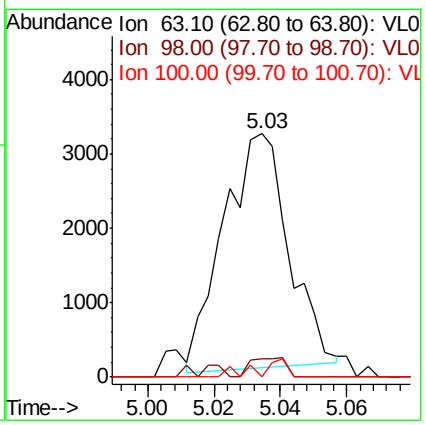


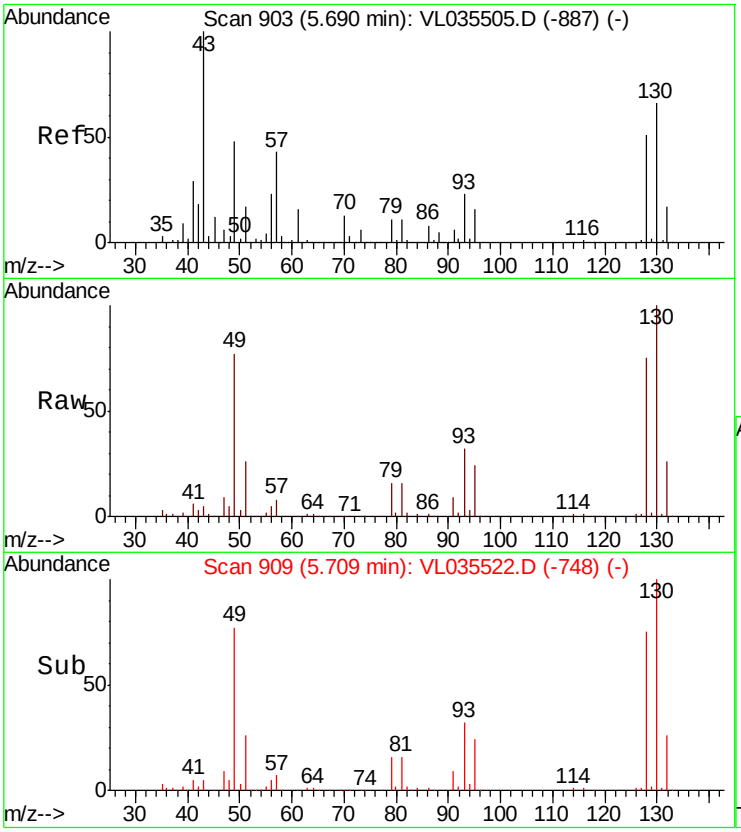


#24
1,1-Dichloroethane
Concen: 0.030 ppbv
RT: 5.03 min Scan# 699
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 63 Resp: 4324

Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.4	10.1
100	0.0	2.1	6.5#



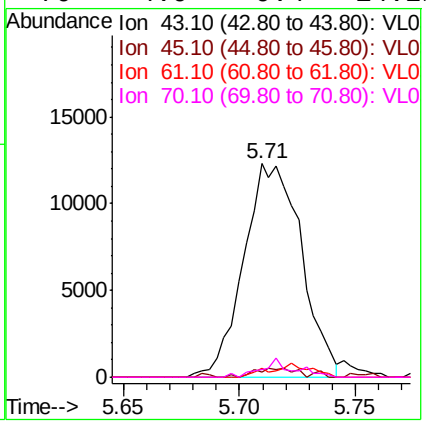


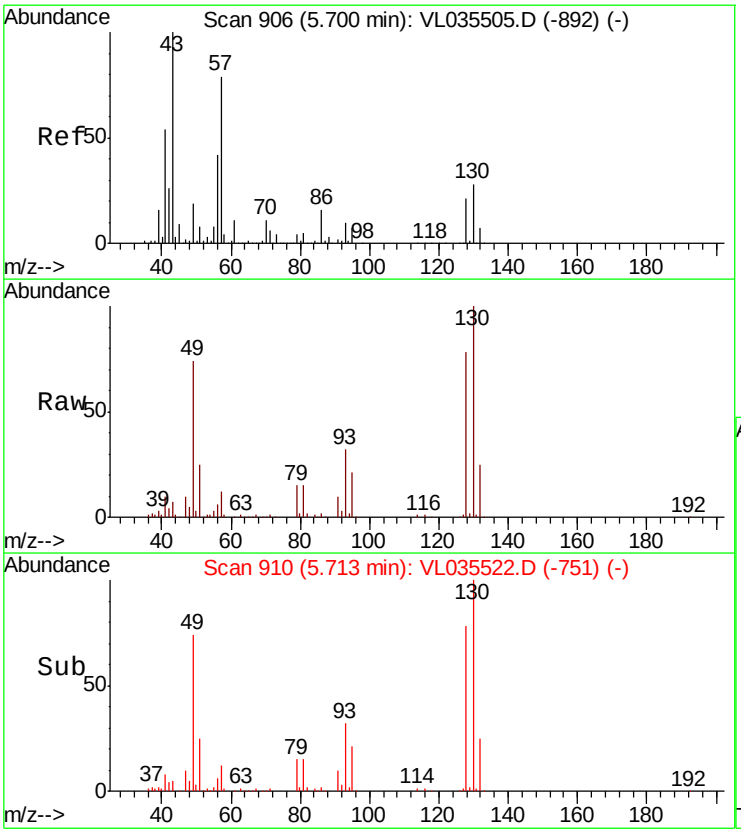
#25
Ethyl Acetate
Concen: 0.111 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.02 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion: 43 Resp: 21153

Ion	Ratio	Lower	Upper
43	100		
45	4.5	8.4	12.6#
61	4.5	10.6	16.0#
70	4.9	9.4	14.2#

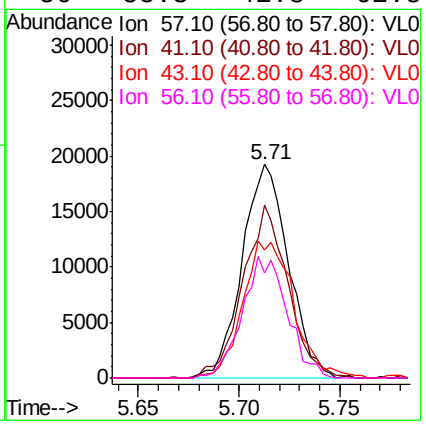


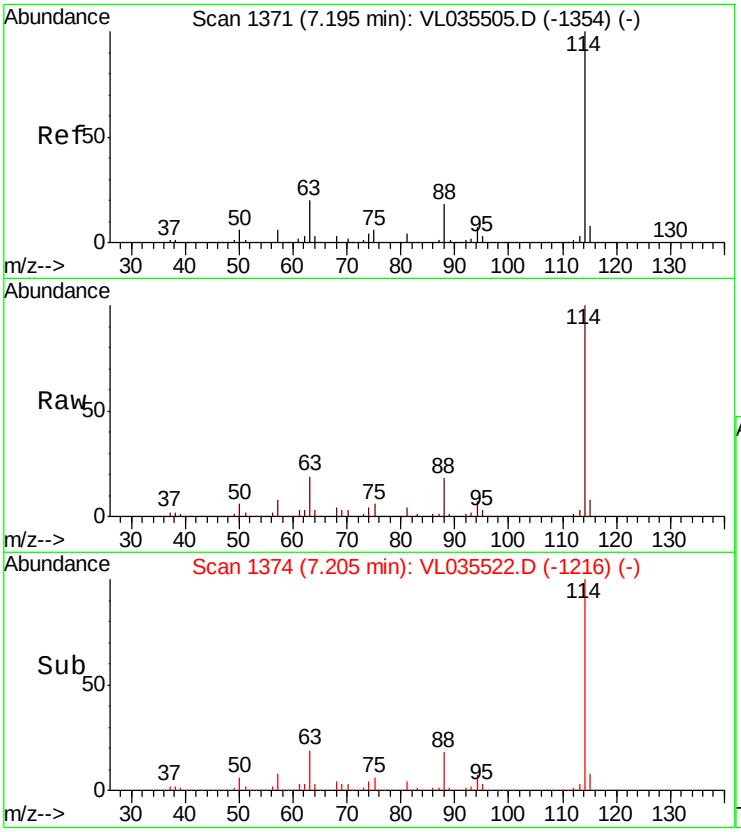


#26
Hexane
Concen: 0.286 ppbv
RT: 5.71 min Scan# 910
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 57 Resp: 30930

Ion	Ratio	Lower	Upper
57	100		
41	78.8	55.9	83.9
43	70.6	141.8	212.8#
56	55.3	41.8	62.8



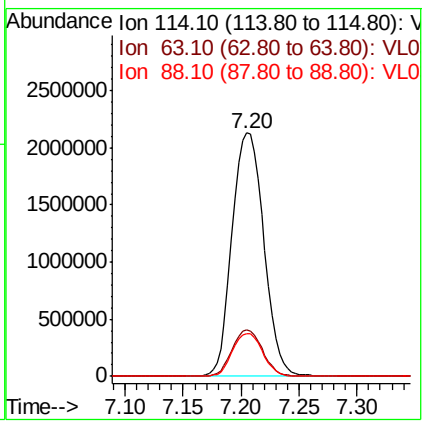


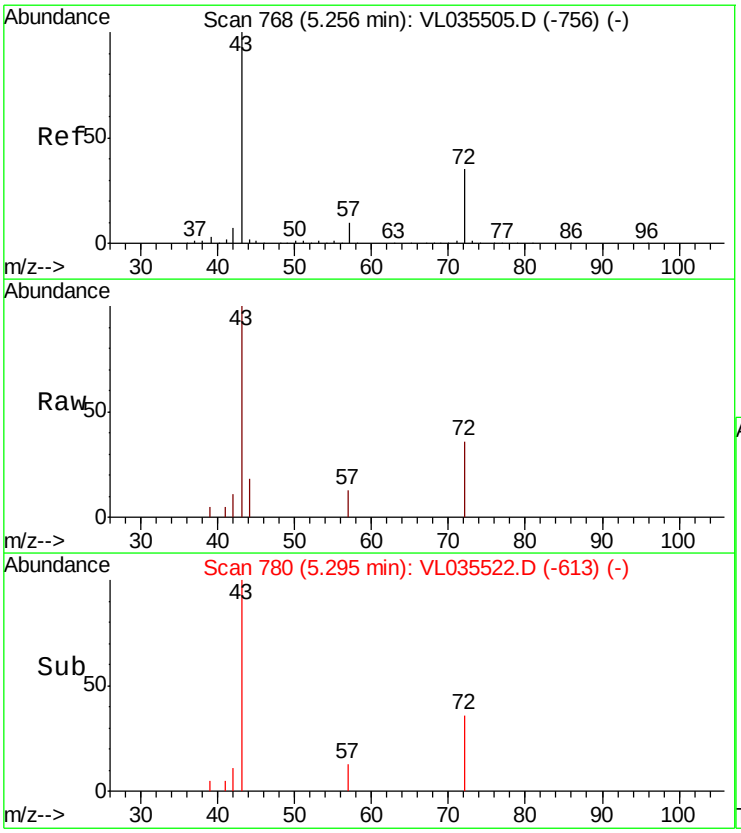
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument :
MSVOA_L
ClientSampleId :
CAN 10608

Tgt Ion:114 Resp: 4066349

Ion	Ratio	Lower	Upper
114	100		
63	18.4	14.7	22.1
88	16.8	13.4	20.2

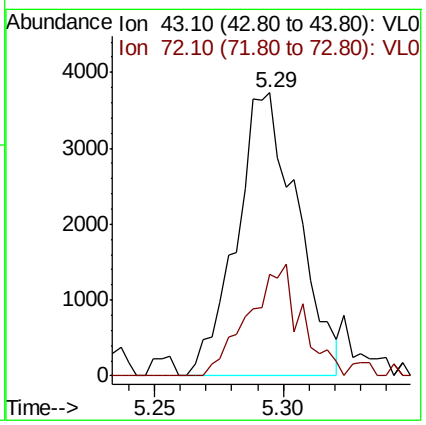


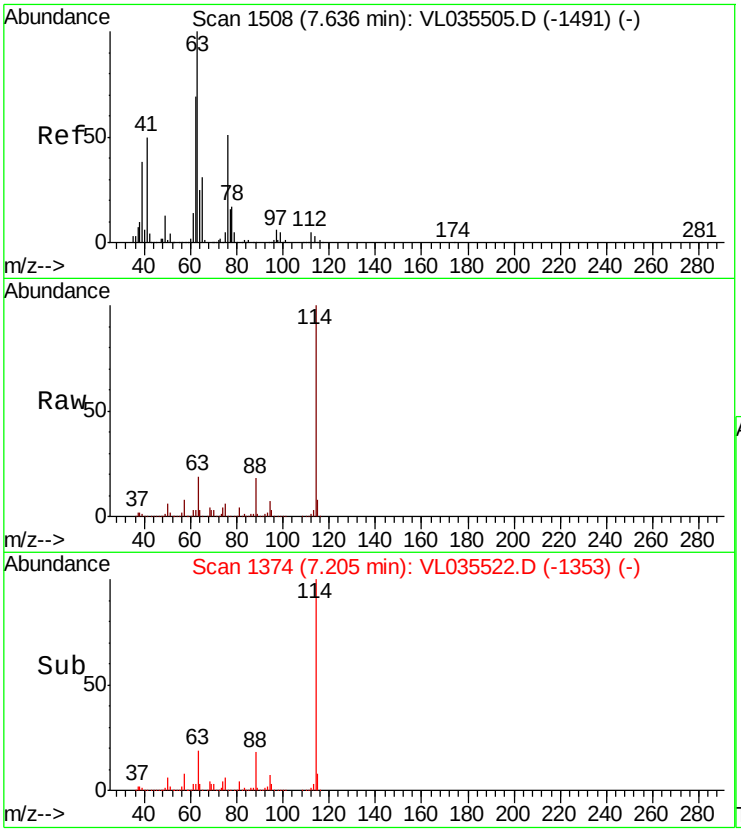


#34
2-Butanone
Concen: 0.051 ppbv
RT: 5.29 min Scan# 780
Delta R.T. 0.04 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 43 Resp: 6164

Ion	Ratio	Lower	Upper
43	100		
72	36.1	27.7	41.5



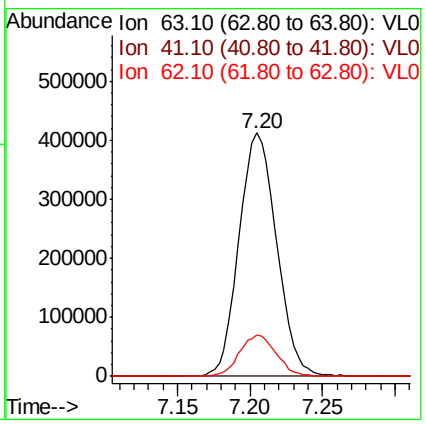


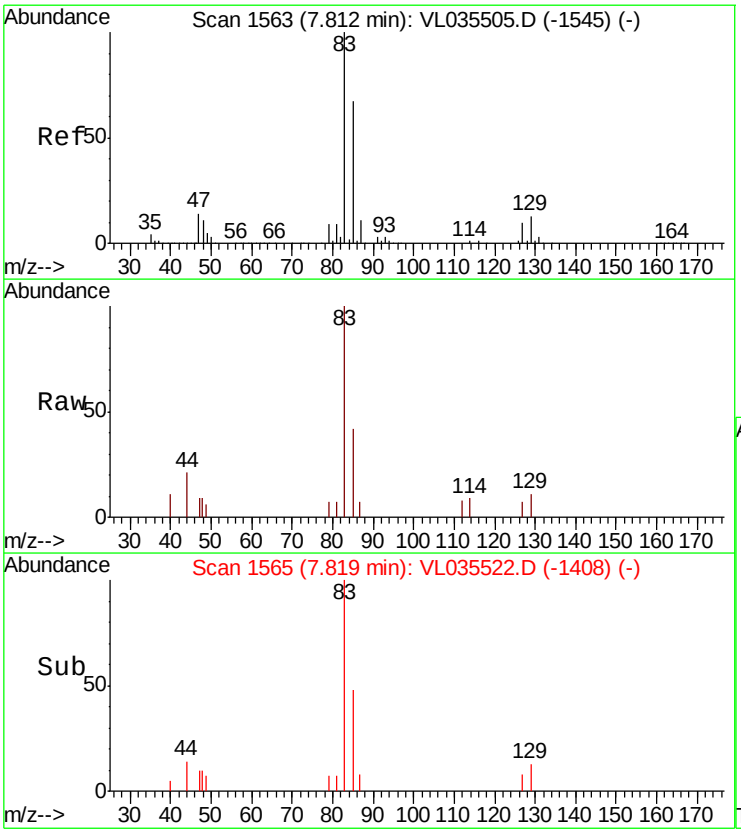
#39
1,2-Dichloropropane
Concen: 8.373 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.43 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion: 63 Resp: 744524

Ion	Ratio	Lower	Upper
63	100		
41	0.1	40.0	60.0#
62	16.9	55.4	83.0#

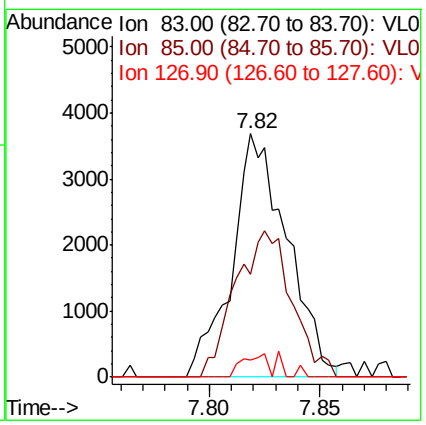


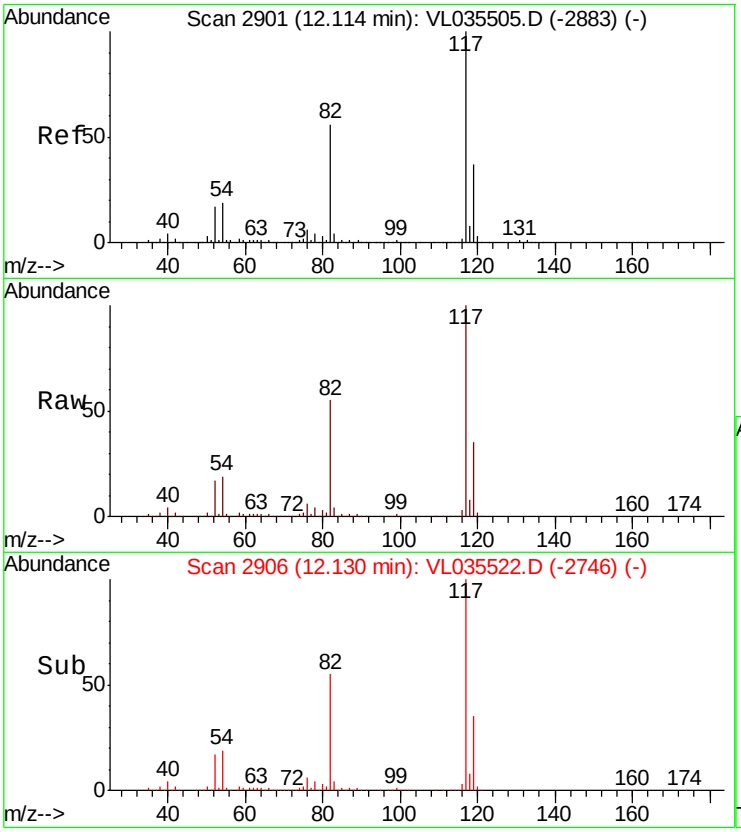


#42
Bromodichloromethane
Concen: 0.032 ppbv
RT: 7.82 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion: 83 Resp: 6405

Ion	Ratio	Lower	Upper
83	100		
85	42.2	53.7	80.5#
127	7.2	8.1	12.1#



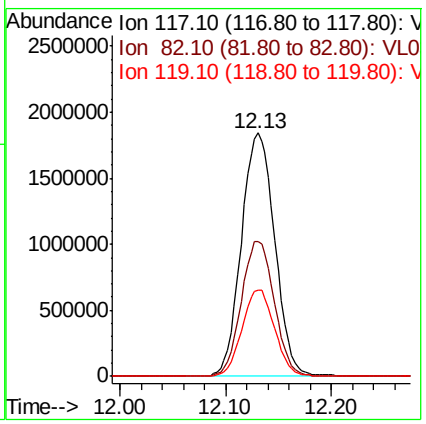


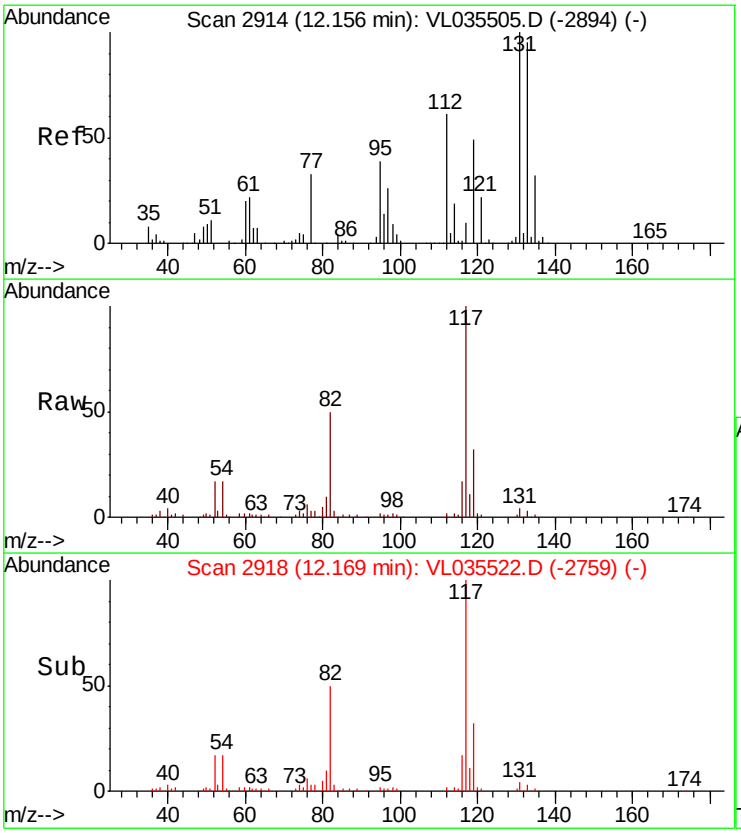
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. 0.02 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion:117 Resp: 4066230

Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.6	62.4
119	34.9	29.3	43.9

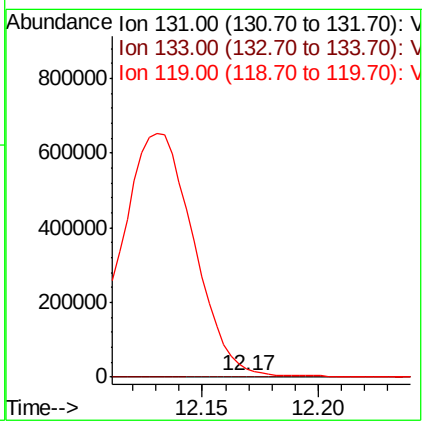


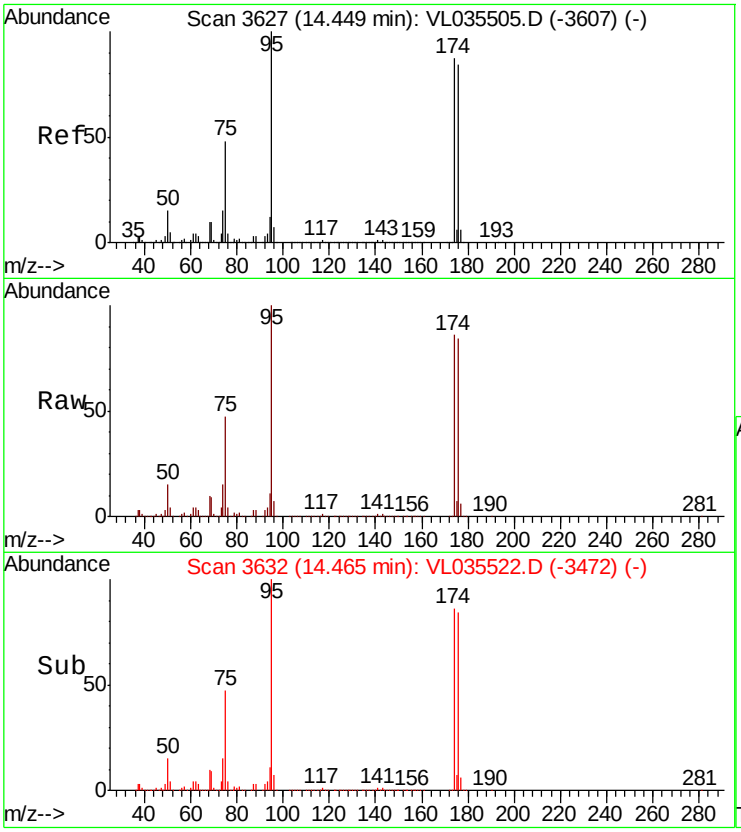


#56
1,1,1,2-Tetrachloroethane
Concen: 0.030 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. 0.01 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion:131 Resp: 5018

Ion	Ratio	Lower	Upper
131	100		
133	97.9	76.6	115.0
119	0.0	51.6	77.4#



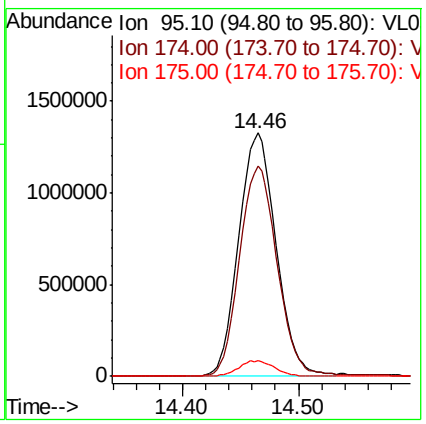


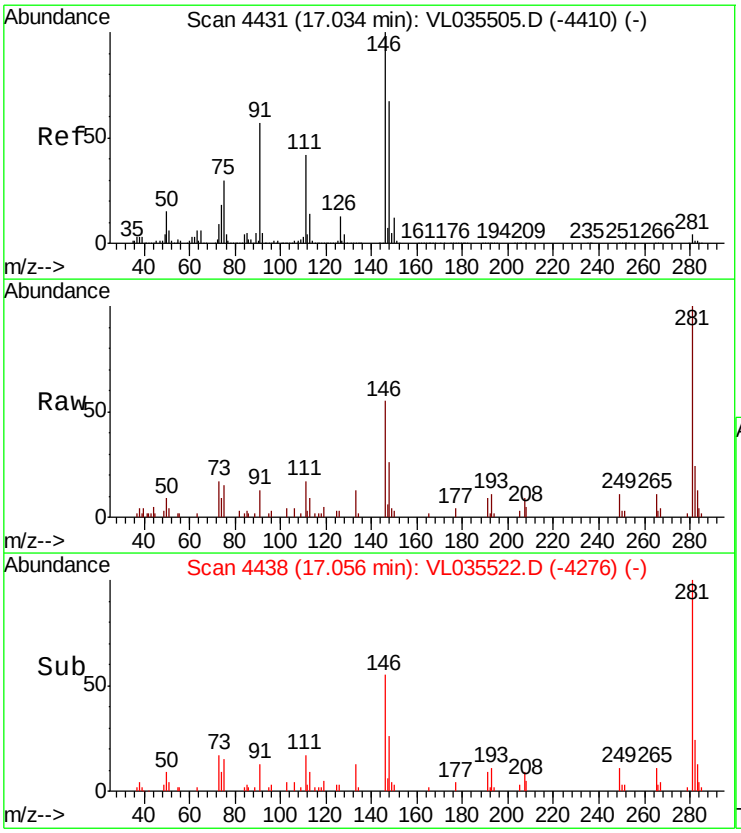
#68
1-Bromo-4-Fluorobenzene
Concen: 10.310 ppbv
RT: 14.46 min Scan# 3632
Delta R.T. 0.02 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Instrument : MSVOA_L
ClientSampleId : CAN 10608

Tgt Ion: 95 Resp: 2977211

Ion	Ratio	Lower	Upper
95	100		
174	88.1	69.6	104.4
175	6.4	5.1	7.7





#75
1,3-Dichlorobenzene
Concen: 0.034 ppbv
RT: 17.06 min Scan# 4438
Delta R.T. 0.02 min
Lab File: VL035522.D
Acq: 27 Aug 2020 17:00

Tgt Ion:146 Resp: 11506

Ion	Ratio	Lower	Upper
146	100		
111	45.9	20.7	62.1
148	66.4	33.0	98.9