Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051920\

Quantitation Report (Not Reviewed)

Data File : VL035075.D
Acq On : 20 May 2020 11:08
Operator : SY/AP
Sample : QC051920 CAN 10268
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

Quant Time: May 20 14:04:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1159121	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	2674533	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	2564192	10.00	ppbv	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.43	95	2104745	10.14	ppbv	-0.03

Spiked Amount 10.000 Range 65 - 135 Recovery = 101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units		Qvalue
3) Chlorodifluoromethane	2.94	51	5893	0.045	ppbv		95
4) Chloromethane	3.09	50	5866	0.077	ppbv	#	87
7) Chloroethane	3.51	64	1128	0.042	ppbv		97
9) Propene	2.96	41	2379	0.041	ppbv	#	16
11) Trichlorofluoromethane	3.91	101	5438	0.032	ppbv	#	75
15) Acetone	3.82	43	75063	0.490	ppbv	#	80
20) Methylene Chloride	4.30	84	9574	0.189	ppbv	#	50
22) trans-1,2-Dichloroethene	4.85	96	2139	0.041	ppbv	#	49
26) Hexane	5.66	57	3451	0.031	ppbv	#	1
38) Trichloroethene	7.83	130	3735	0.044	ppbv	#	48
39) 1,2-Dichloropropane	7.16	63	721801	8.166	ppbv	#	25
52) Tetrachloroethene	11.22	164	18872	0.241	ppbv		90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051920\

Quantitation Report (Not Reviewed)

Data File : VL035075.D
Acq On : 20 May 2020 11:08
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Misc : 400ml/MSVOA_L
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Instrument :
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QC051920 CAN 10268

Quant Time: May 20 14:04:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
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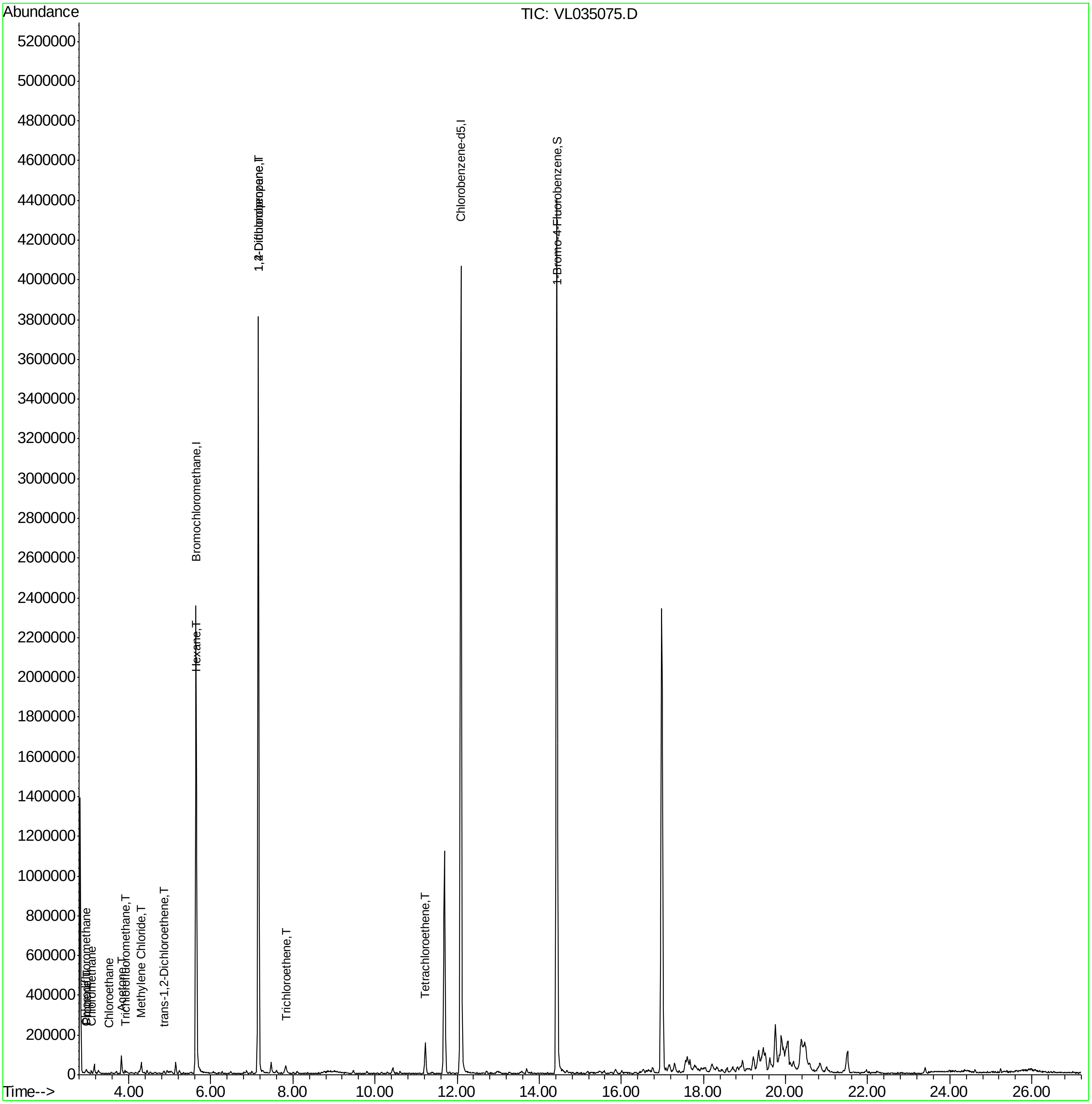
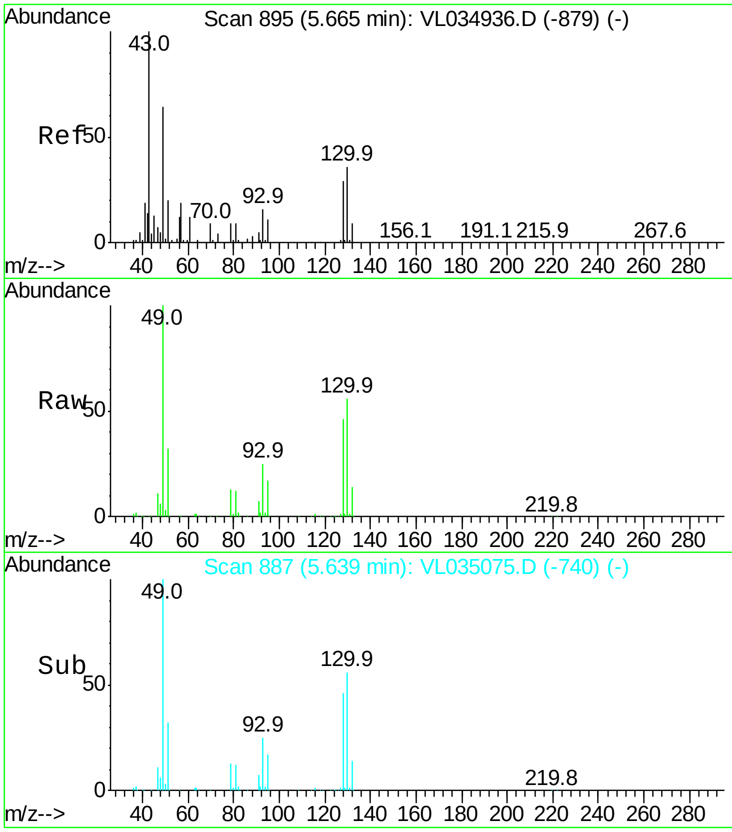
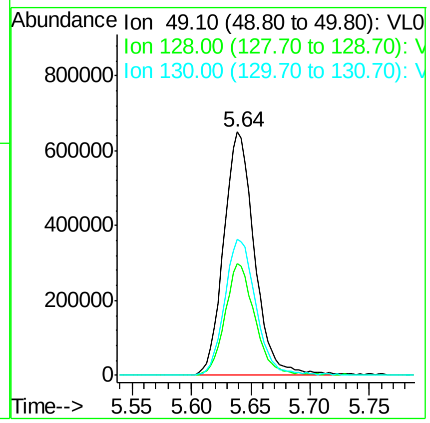


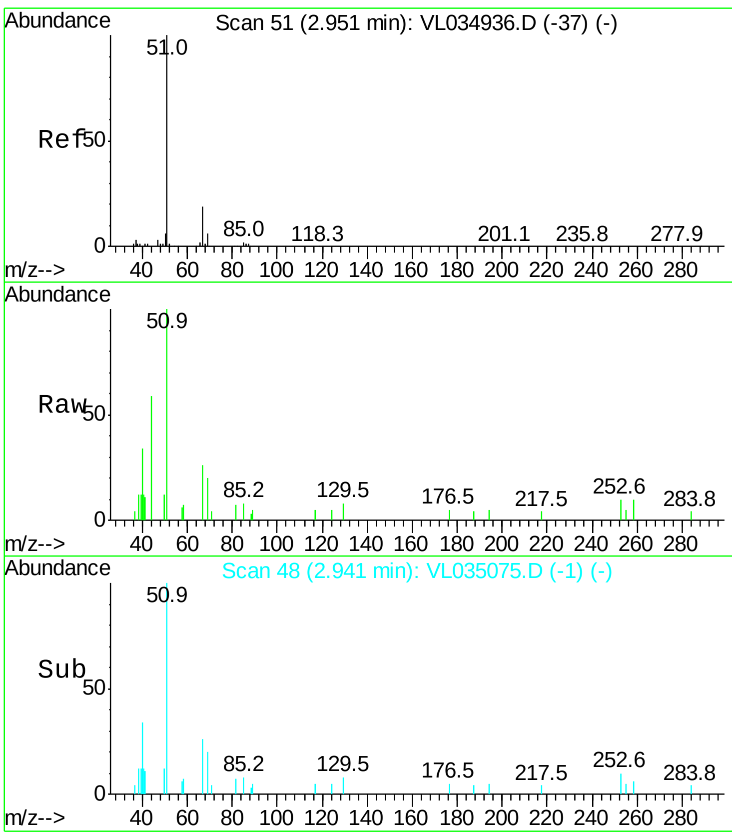



```
#1
Bromochloromethane
Concen:   10.000 ppbv
RT: 5.64 min  Scan# 887
Delta R.T.   -0.03 min
Lab File:   VL035075.D
Acq: 20 May 2020  11:08

Tgt Ion: 49 Resp: 1159121
Ion  Ratio  Lower  Upper
 49  100
128   45.0   22.1   66.5
130   57.4   29.1   87.3
```

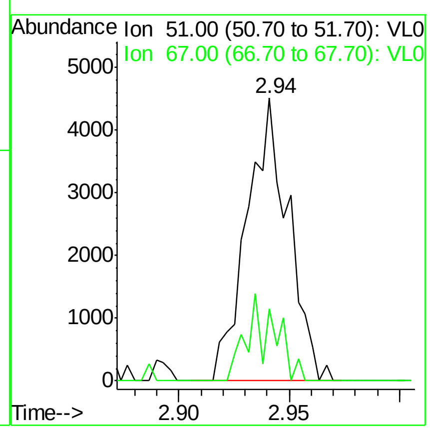
Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

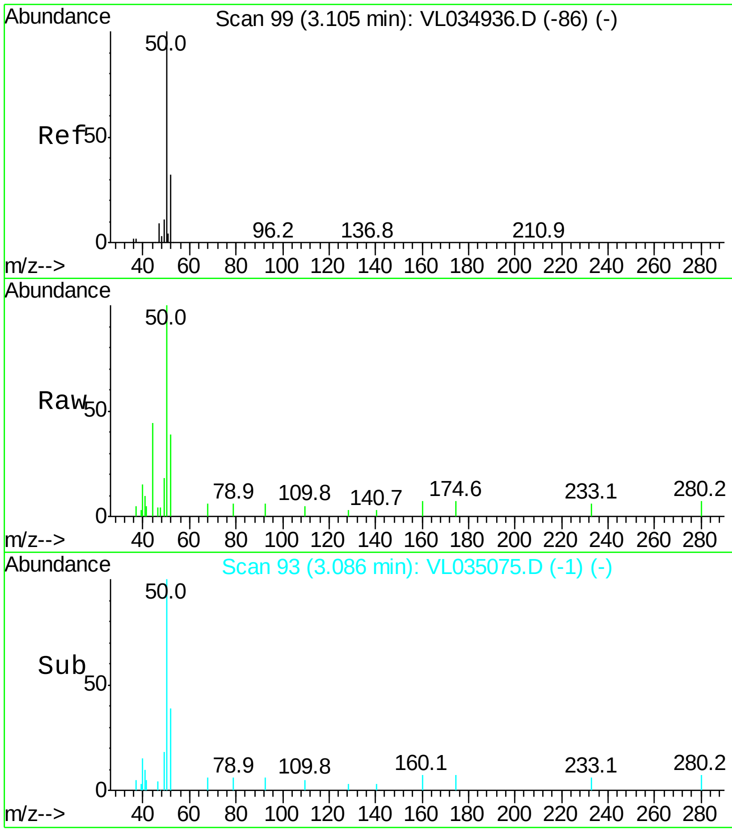





```
#3
Chlorodifluoromethane
Concen:    0.045 ppbv
RT: 2.94 min  Scan# 48
Delta R.T.   -0.01 min
Lab File:   VL035075.D
Acq: 20 May 2020  11:08

Tgt Ion: 51 Resp:    5893
Ion  Ratio  Lower  Upper
 51  100
 67   20.9   15.0   22.6
```



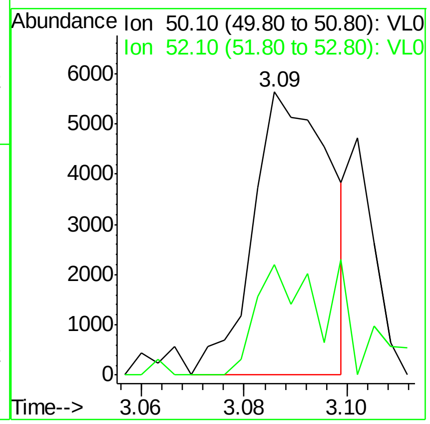


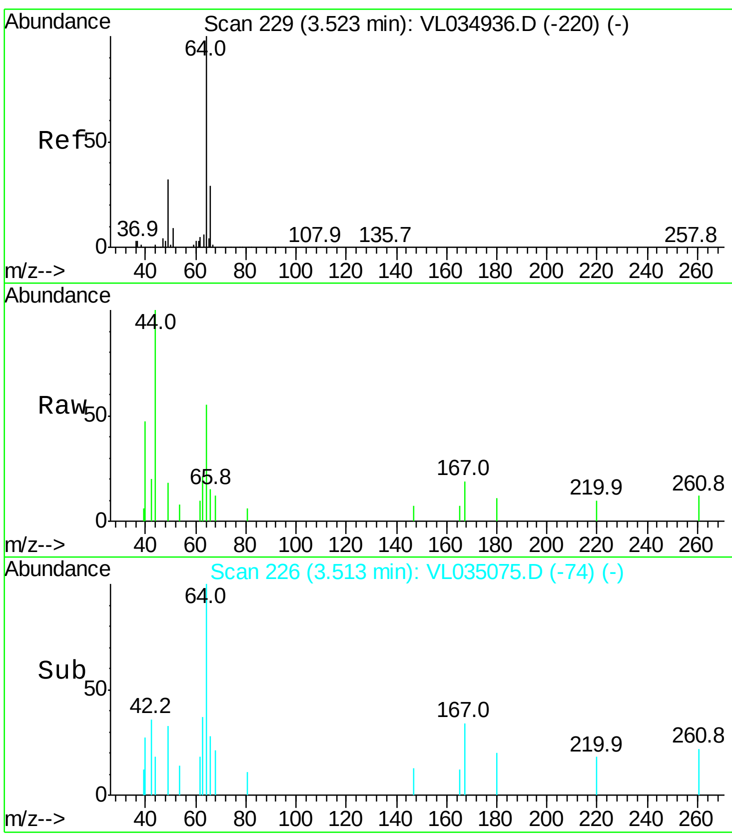
#4
Chloromethane
Concen: 0.077 ppbv
RT: 3.09 min Scan# 93
Delta R.T. -0.02 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

Tgt Ion: 50 Resp: 5866

Ion	Ratio	Lower	Upper
50	100		
52	39.0	25.4	38.2#

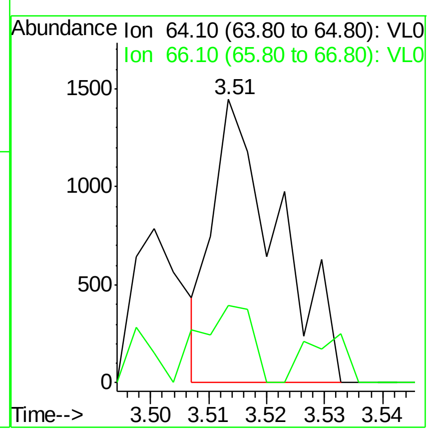




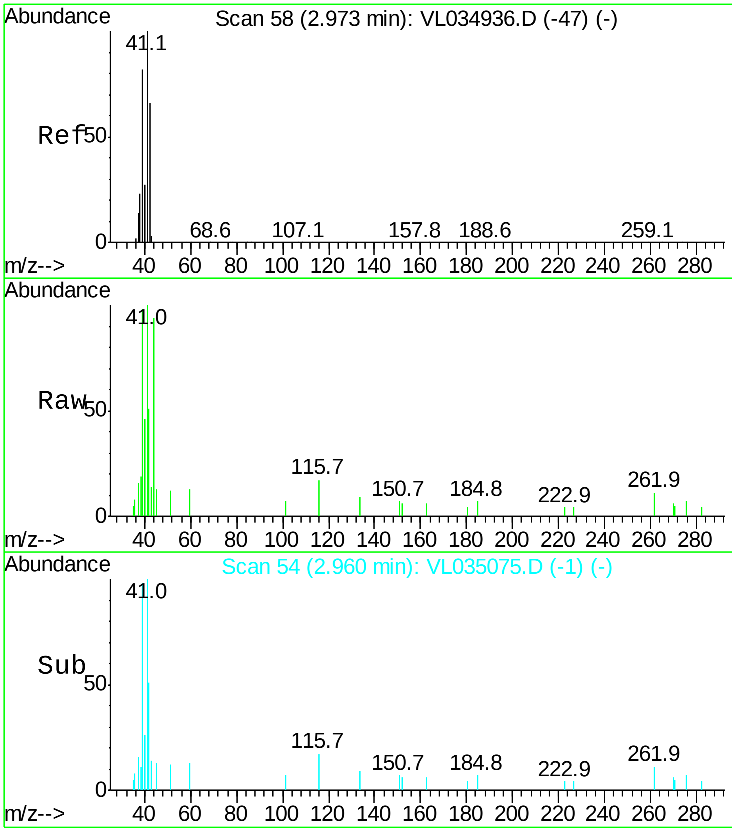
#7
Chloroethane
Concen: 0.042 ppbv
RT: 3.51 min Scan# 226
Delta R.T. -0.01 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Tgt Ion: 64 Resp: 1128

Ion	Ratio	Lower	Upper
64	100		
66	27.5	23.2	34.8



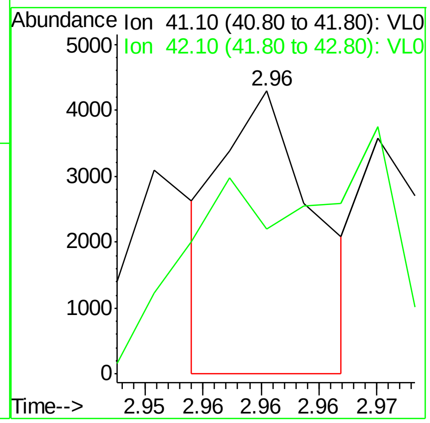
Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

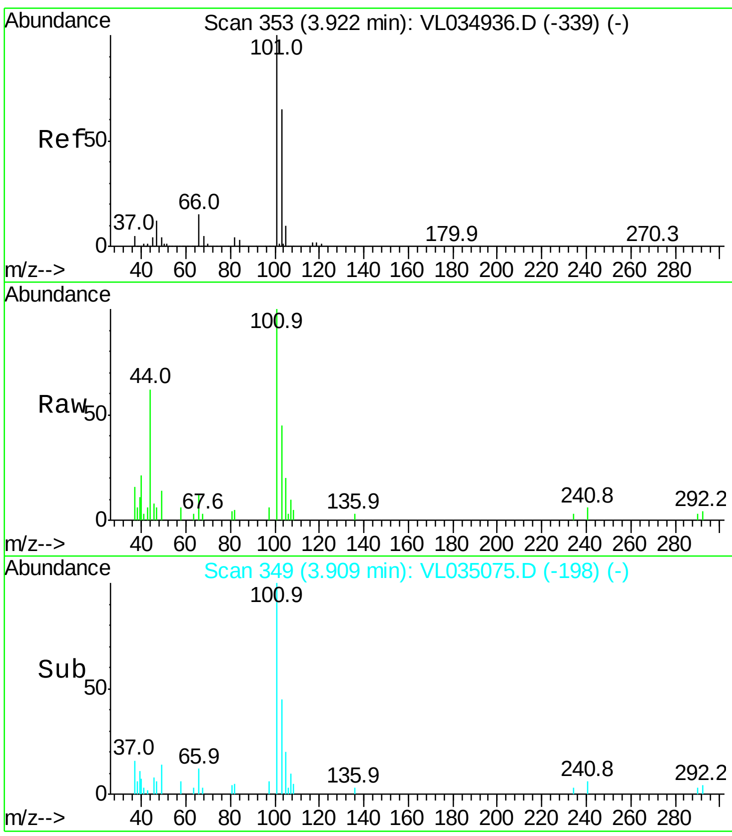


#9
Propene
Concen: 0.041 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.01 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Tgt Ion: 41 Resp: 2379

Ion	Ratio	Lower	Upper
41	100		
42	0.0	54.5	81.7#

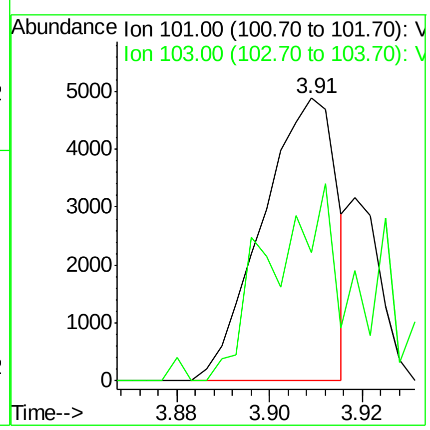


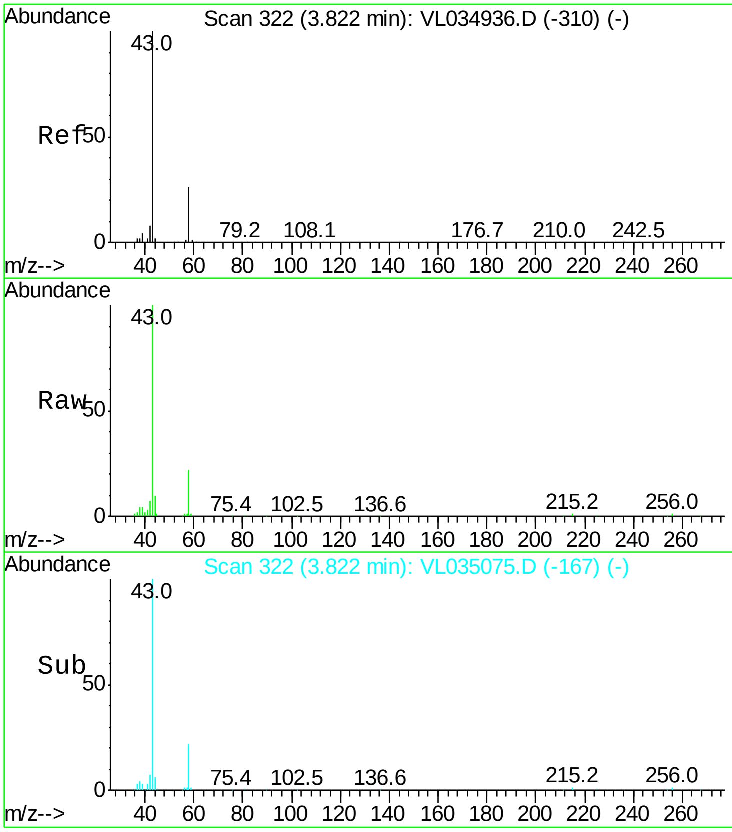


#11
Trichlorofluoromethane
Concen: 0.032 ppbv
RT: 3.91 min Scan# 349
Delta R.T. -0.01 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Tgt Ion:101 Resp: 5438

Ion	Ratio	Lower	Upper
101	100		
103	45.5	51.9	77.9#



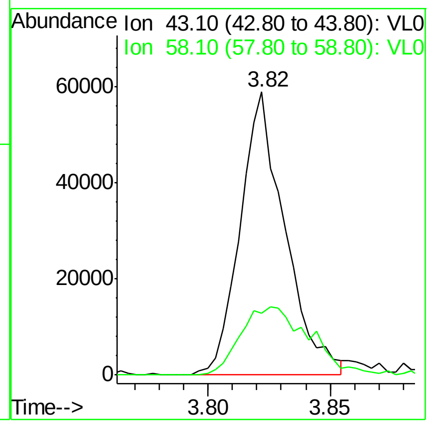


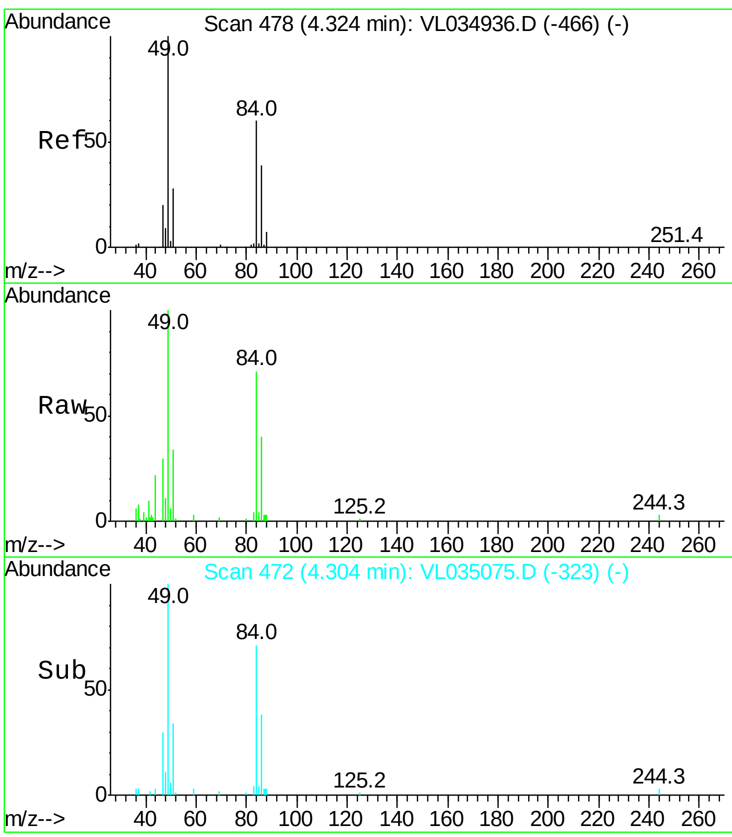
#15
Acetone
Concen: 0.490 ppbv
RT: 3.82 min Scan# 322
Delta R.T. -0.00 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

Tgt Ion: 43 Resp: 75063

Ion	Ratio	Lower	Upper
43	100		
58	37.5	21.7	32.5#

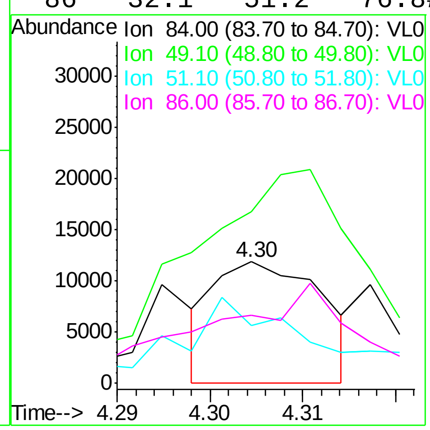


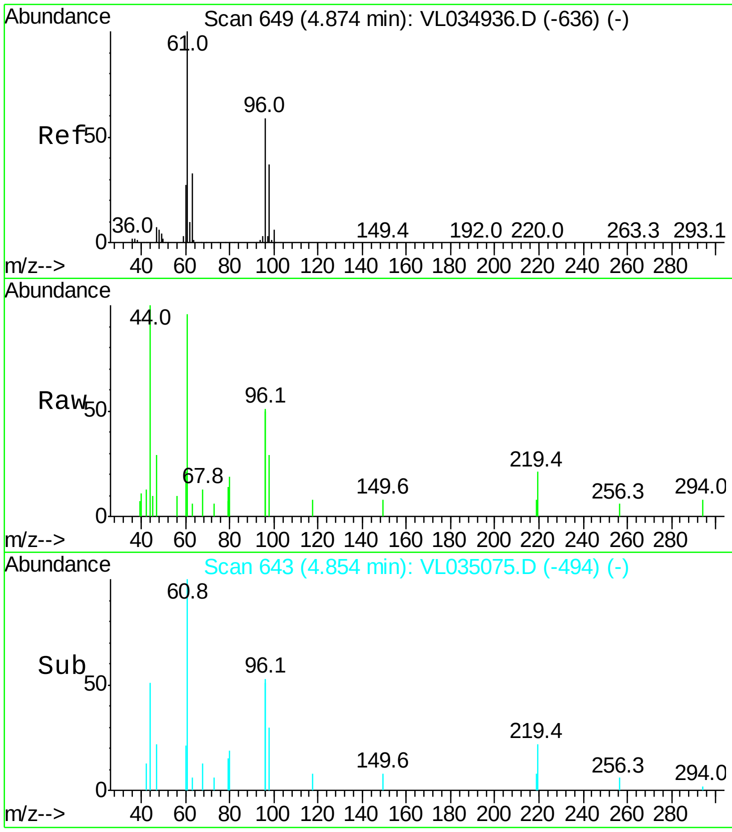


#20
Methylene Chloride
Concen: 0.189 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.02 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Tgt Ion: 84 Resp: 9574

Ion	Ratio	Lower	Upper
84	100		
49	77.1	132.5	198.7#
51	54.2	38.4	57.6
86	32.1	51.2	76.8#



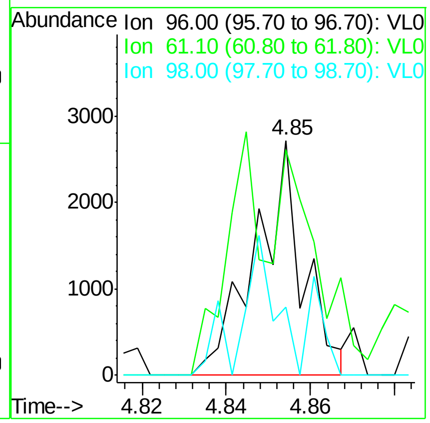


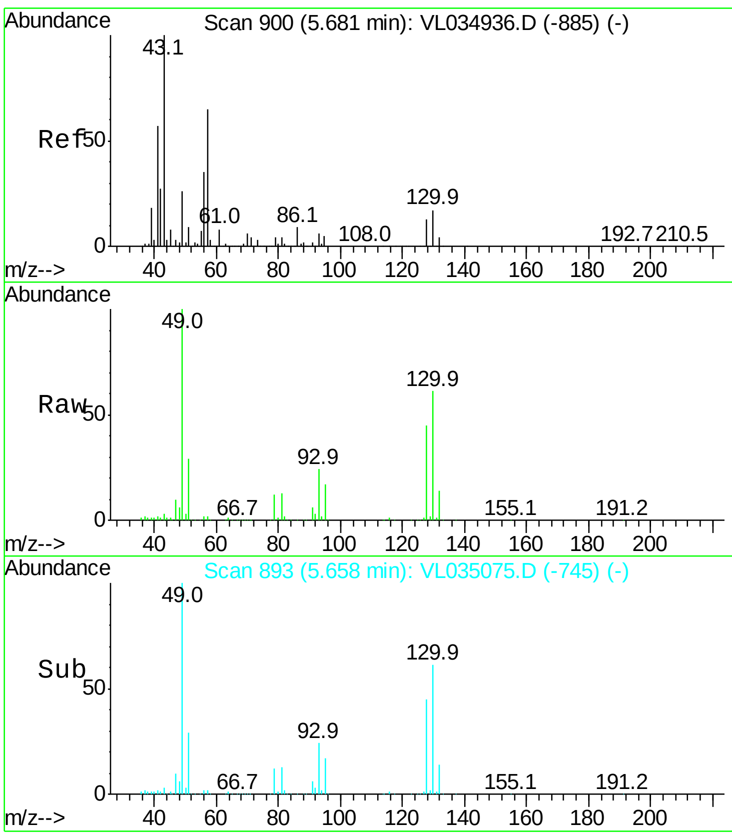
#22
trans-1,2-Dichloroethene
Concen: 0.041 ppbv
RT: 4.85 min   Scan# 643
Delta R.T.   -0.02 min
Lab File: VL035075.D
Acq: 20 May 2020   11:08

Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

Tgt Ion: 96 Resp: 2139

Ion	Ratio	Lower	Upper
96	100		
61	96.1	135.3	202.9#
98	29.2	50.4	75.6#

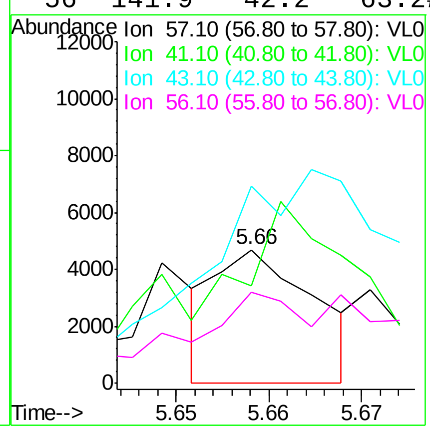


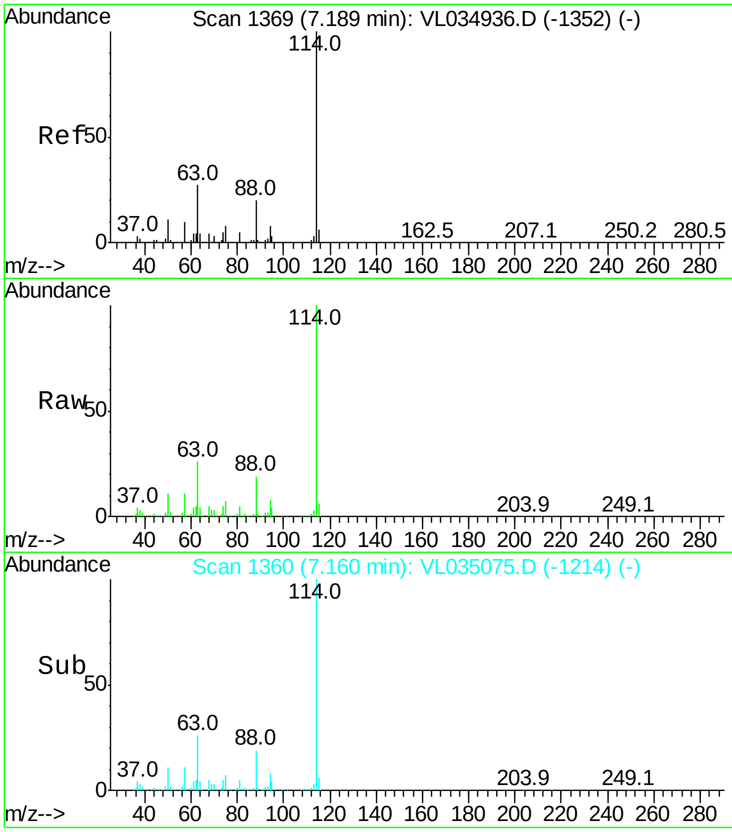


#26
Hexane
Concen: 0.031 ppbv
RT: 5.66 min   Scan# 893
Delta R.T.   -0.02 min
Lab File: VL035075.D
Acq: 20 May 2020   11:08

Tgt Ion: 57 Resp: 3451

Ion	Ratio	Lower	Upper
57	100		
41	263.5	72.7	109.1#
43	394.1	182.1	273.1#
56	141.9	42.2	63.2#



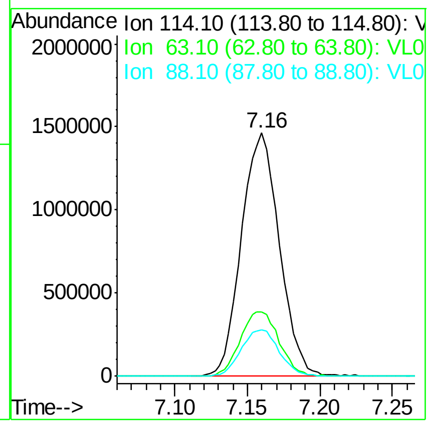


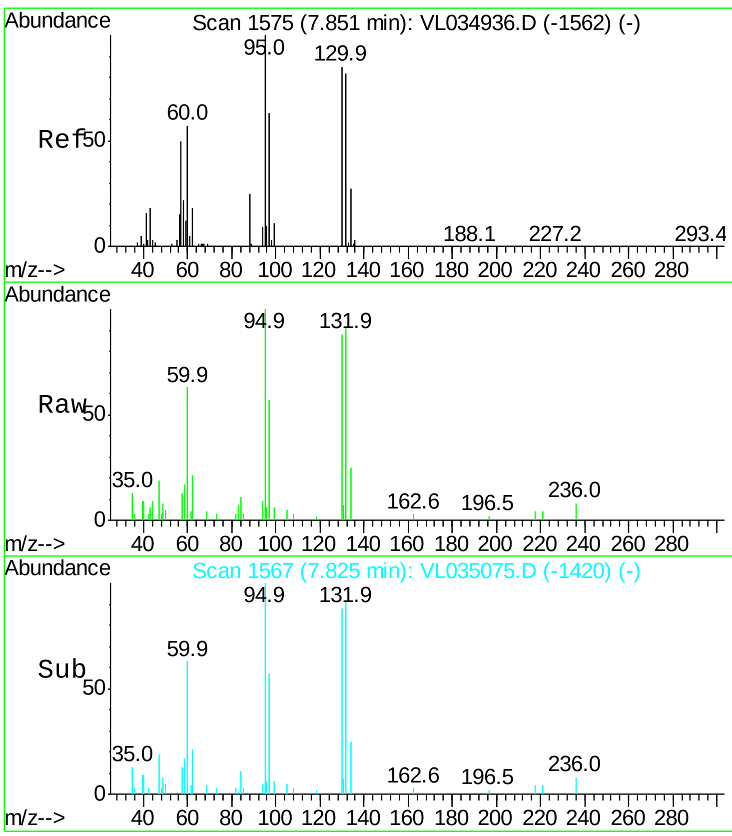
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Instrument :
MSVOA_L
ClientSampleId :
QC051920 CAN 10268

Tgt Ion:114 Resp: 2674533

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.4
88	19.4	15.5	23.3





#38
Trichloroethene
Concen: 0.044 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.03 min
Lab File: VL035075.D
Acq: 20 May 2020 11:08

Tgt Ion:130 Resp: 3735

Ion	Ratio	Lower	Upper
130	100		
95	69.4	93.4	140.0#
132	47.7	76.4	114.6#
97	15.7	58.5	87.7#