Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL051920\
Data File : VL035064.D
Acq On : 20 May 2020 4:06
Operator : SY/AP
Sample : L2683-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: May 20 04:51:10 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	1107451	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	2485136	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.10	117	2398192	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.43	95	2004575	10.33	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	2.94	51	3968	0.031	ppbv		94
9) Propene	2.97	41	8365	0.152	ppbv		98
13) Ethanol	3.57	45	25901	1.431	ppbv	#	39
15) Acetone	3.82	43	146027	0.997	ppbv		94
20) Methylene Chloride	4.30	84	6502	0.134	ppbv	#	78
39) 1,2-Dichloropropane	7.16	63	692799	8.435	ppbv	#	25
52) Tetrachloroethene	11.23	164	34381	0.472	ppbv		89

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

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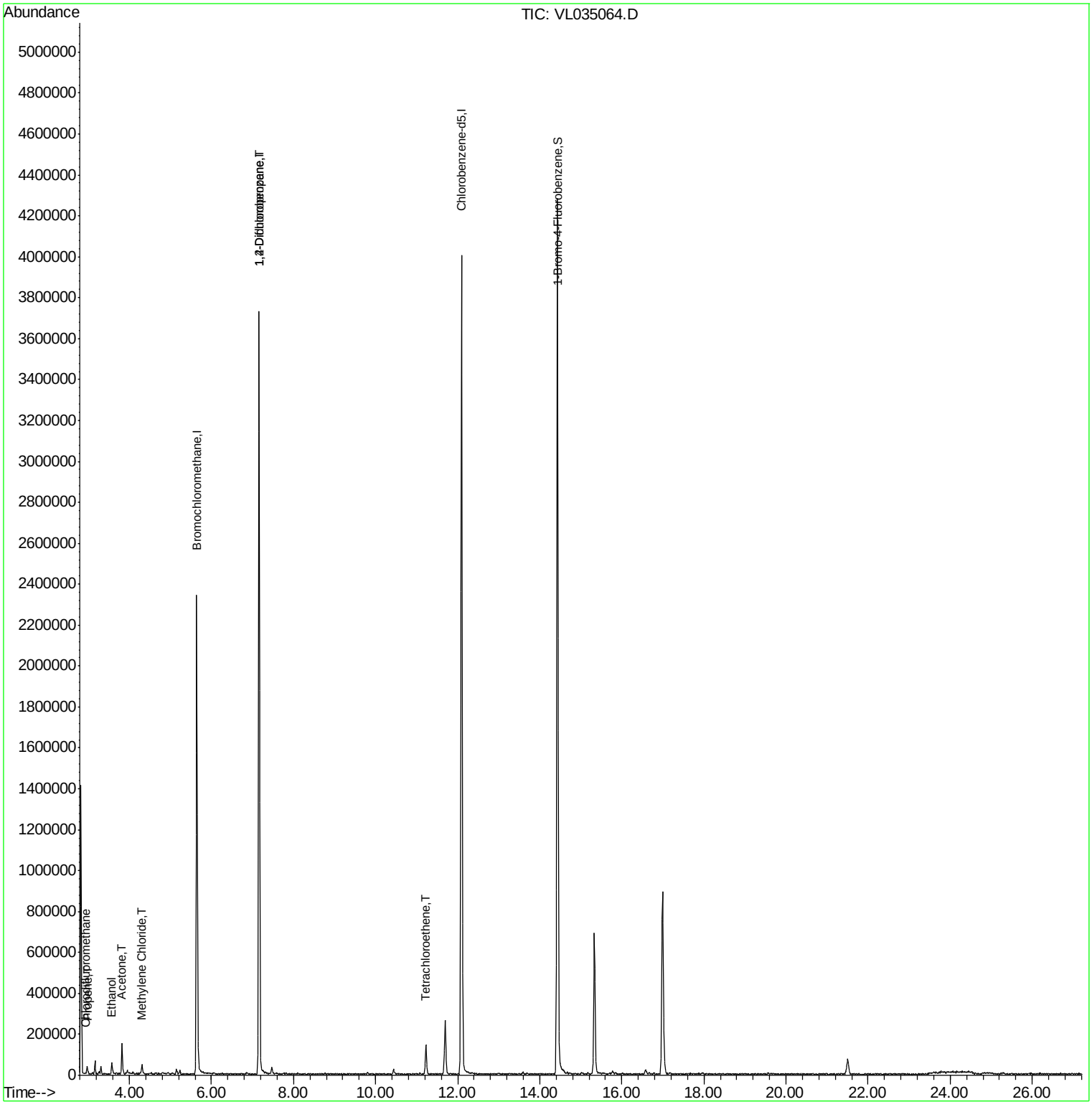
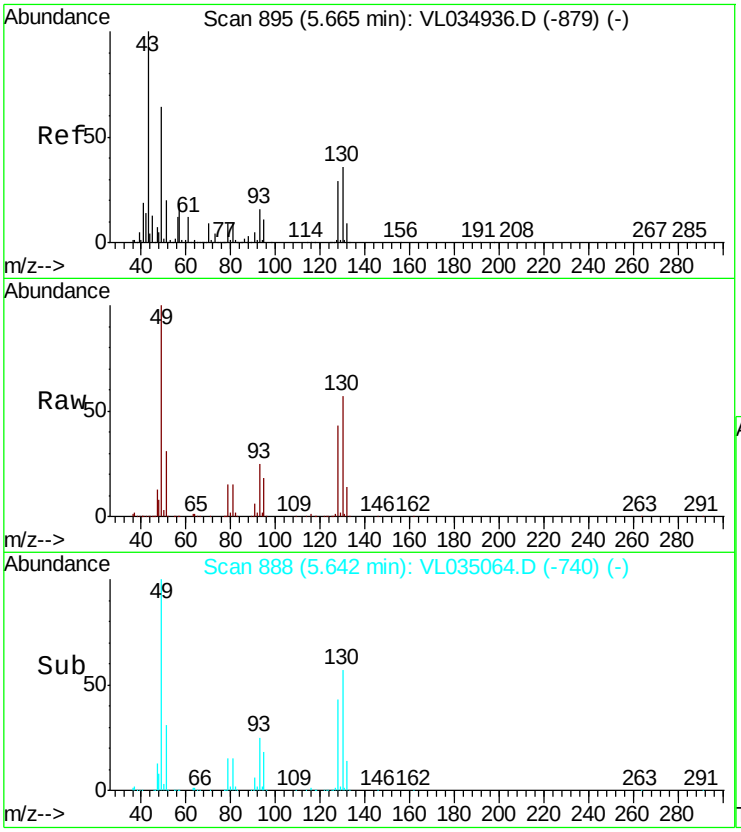


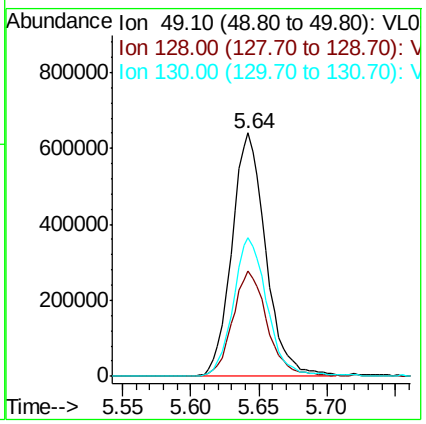


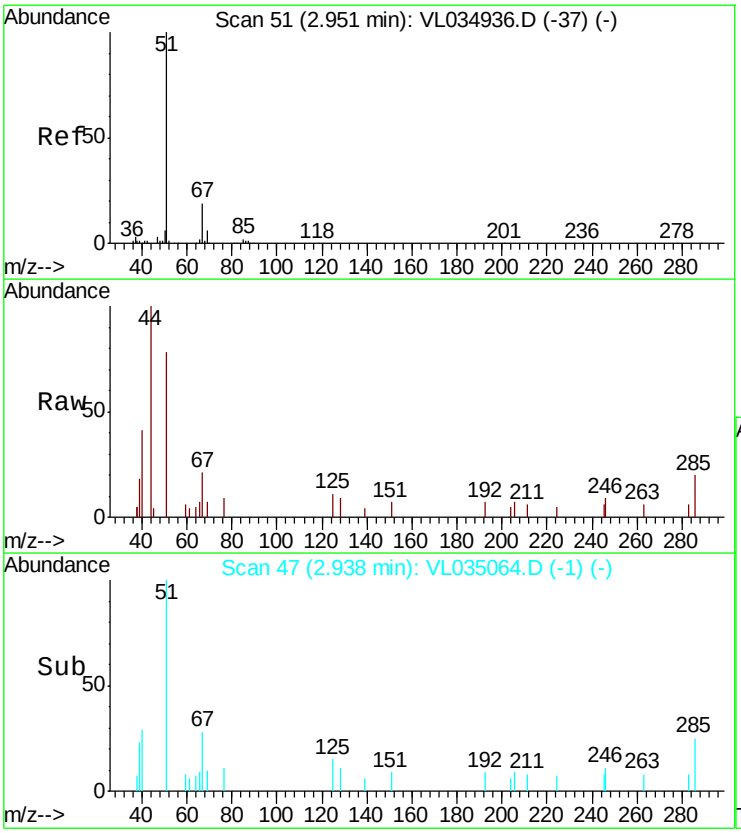
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 888
Delta R.T. -0.02 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1107451

Ion	Ratio	Lower	Upper
49	100		
128	44.3	22.1	66.5
130	57.1	29.1	87.3

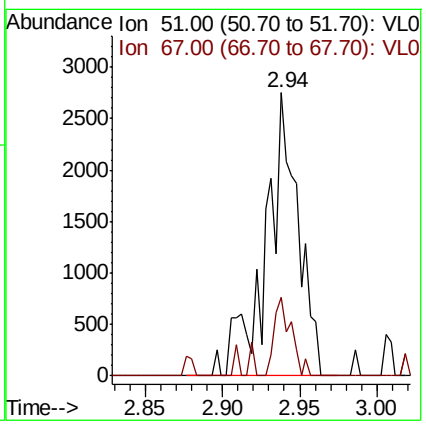


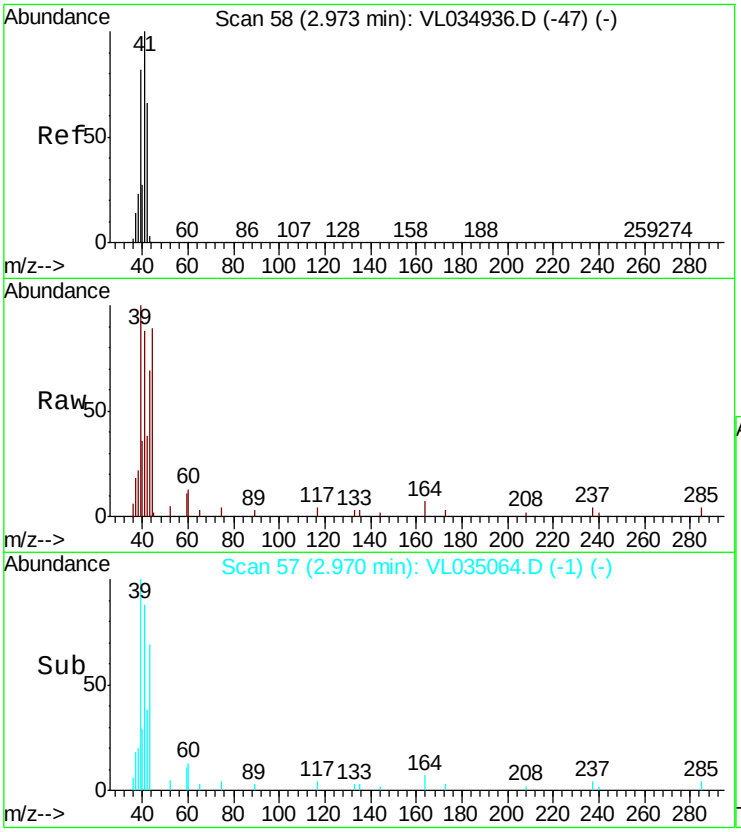


#3
Chlorodifluoromethane
Concen: 0.031 ppbv
RT: 2.94 min Scan# 47
Delta R.T. -0.01 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion: 51 Resp: 3968

Ion	Ratio	Lower	Upper
51	100		
67	16.0	15.0	22.6



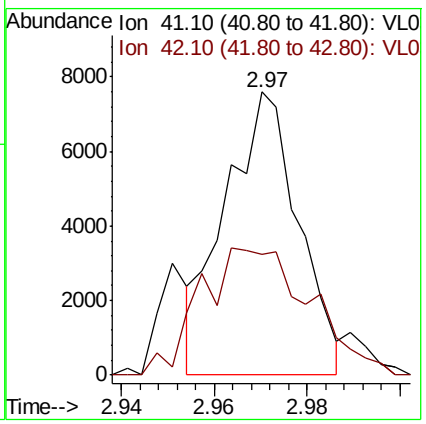


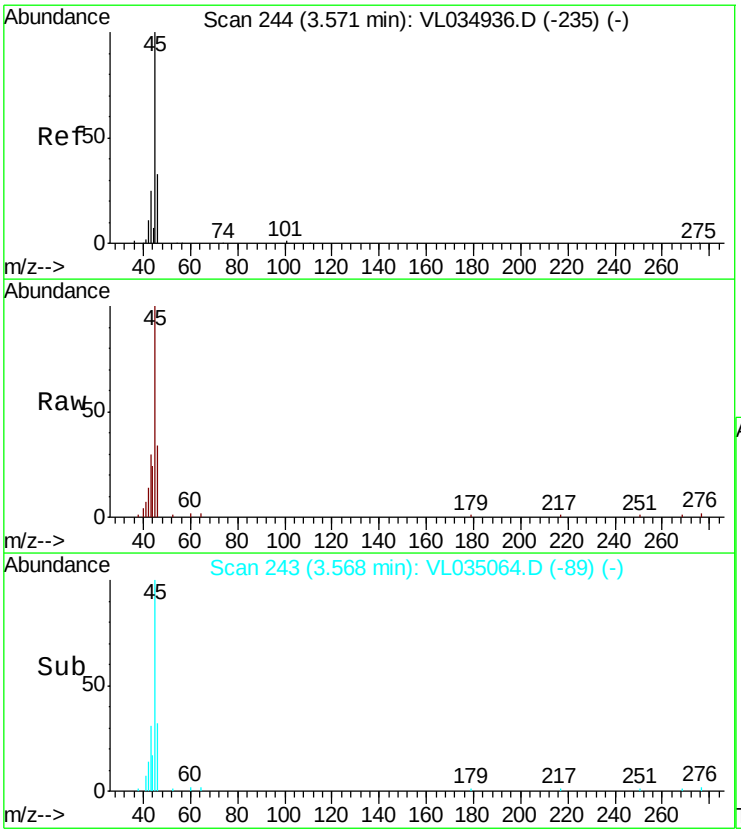
#9
Propene
Concen: 0.152 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.00 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 8365

Ion	Ratio	Lower	Upper
41	100		
42	70.0	54.5	81.7

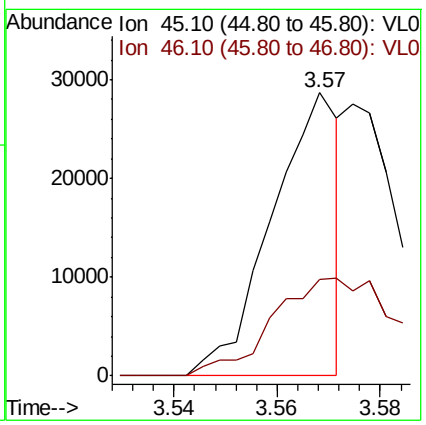


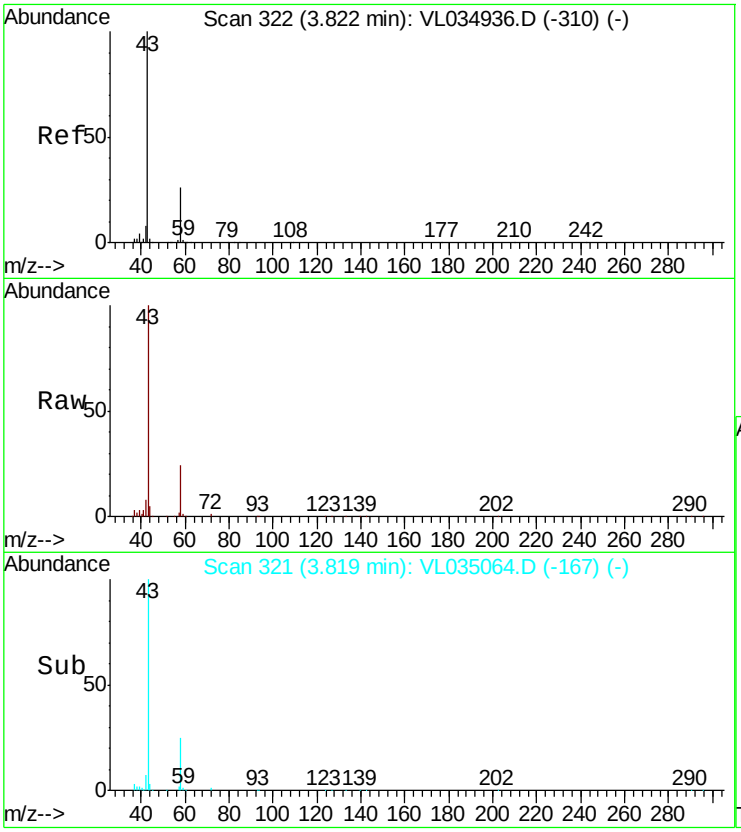


#13
Ethanol
Concen: 1.431 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion: 45 Resp: 25901

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.3	57.3#



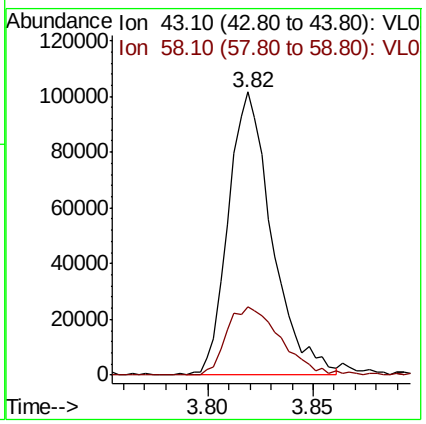


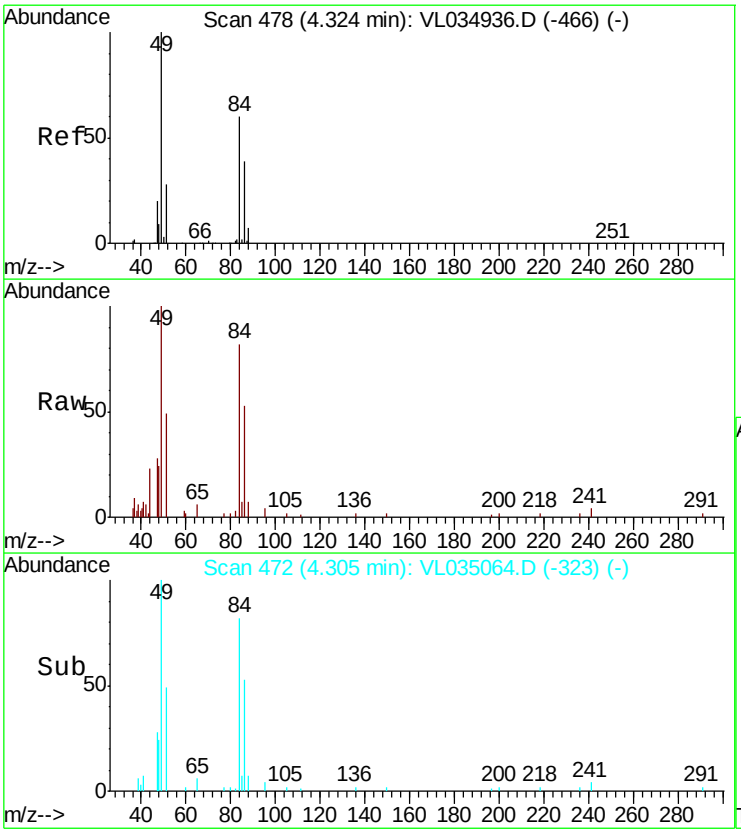
#15
Acetone
Concen: 0.997 ppbv
RT: 3.82 min Scan# 321
Delta R.T. -0.00 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 146027

Ion	Ratio	Lower	Upper
43	100		
58	30.2	21.7	32.5

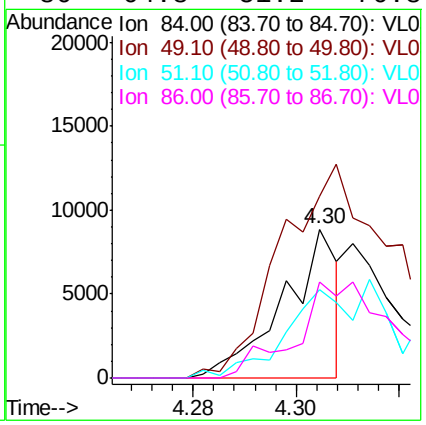


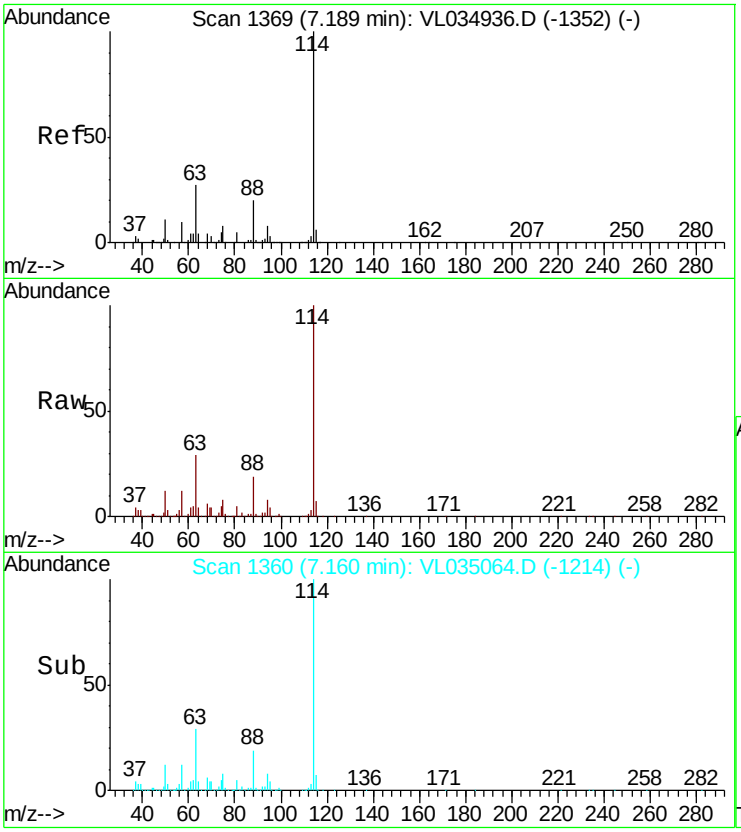


#20
Methylene Chloride
Concen: 0.134 ppbv
RT: 4.30 min Scan# 472
Delta R.T. -0.02 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion: 84 Resp: 6502

Ion	Ratio	Lower	Upper
84	100		
49	122.1	132.5	198.7#
51	59.5	38.4	57.6#
86	64.8	51.2	76.8



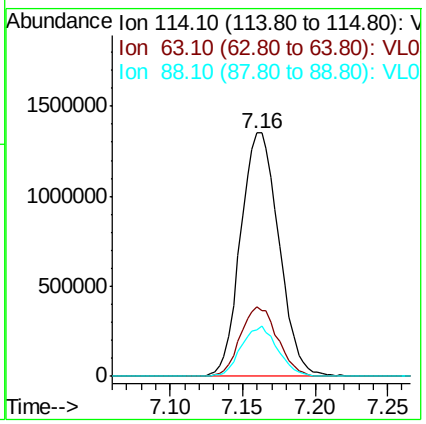


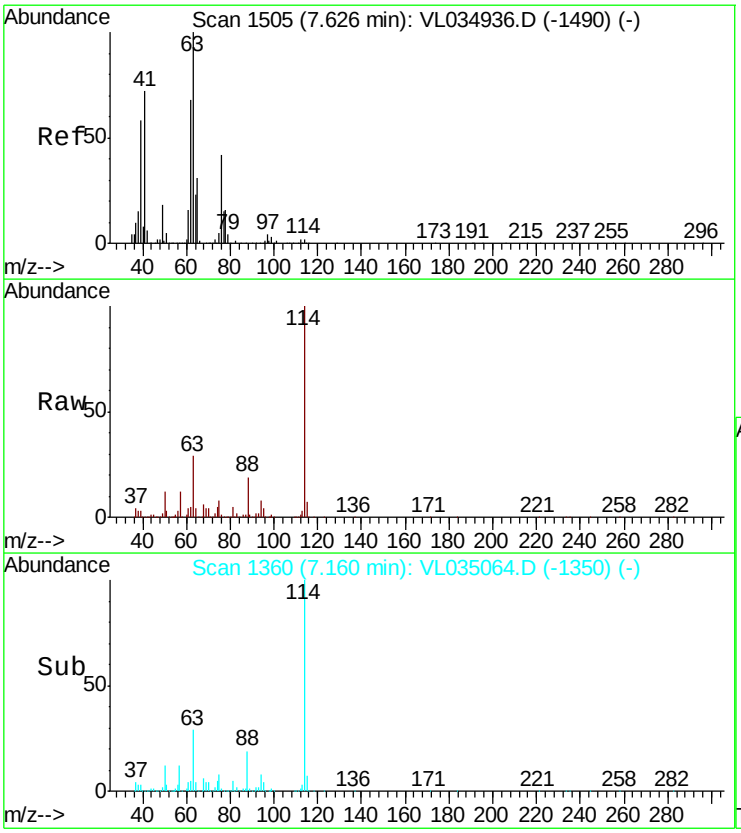
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2485136

Ion	Ratio	Lower	Upper
114	100		
63	28.1	22.2	33.4
88	19.7	15.5	23.3

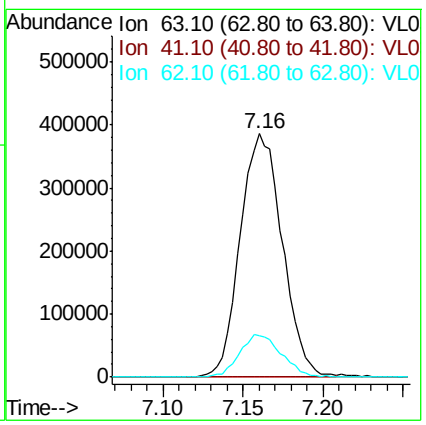


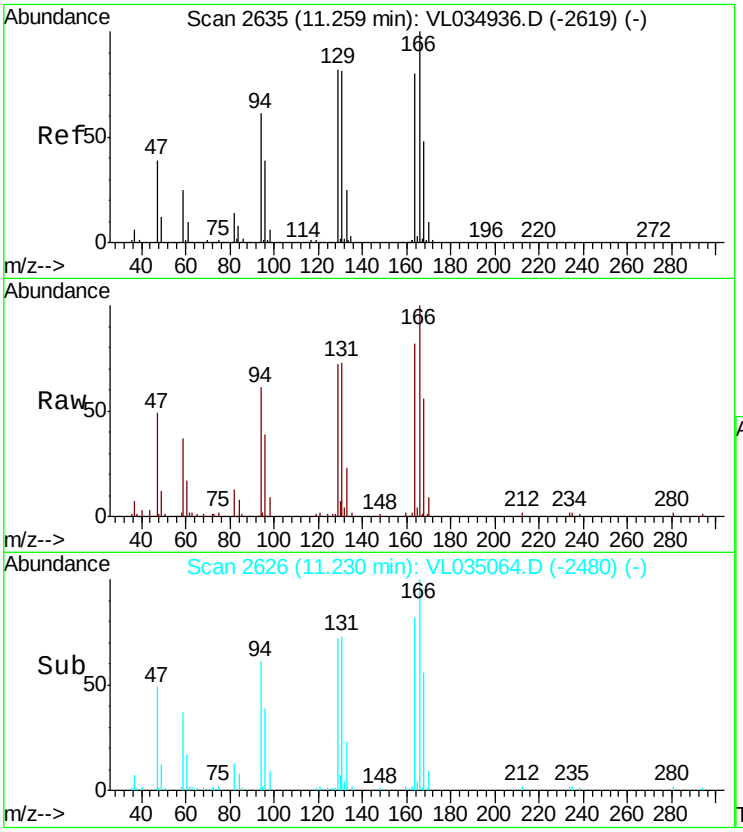


#39
1,2-Dichloropropane
Concen: 8.435 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.47 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion: 63 Resp: 692799

Ion	Ratio	Lower	Upper
63	100		
41	0.3	57.8	86.8#
62	17.2	54.2	81.2#



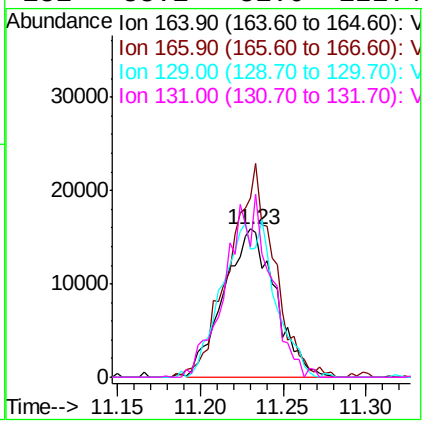


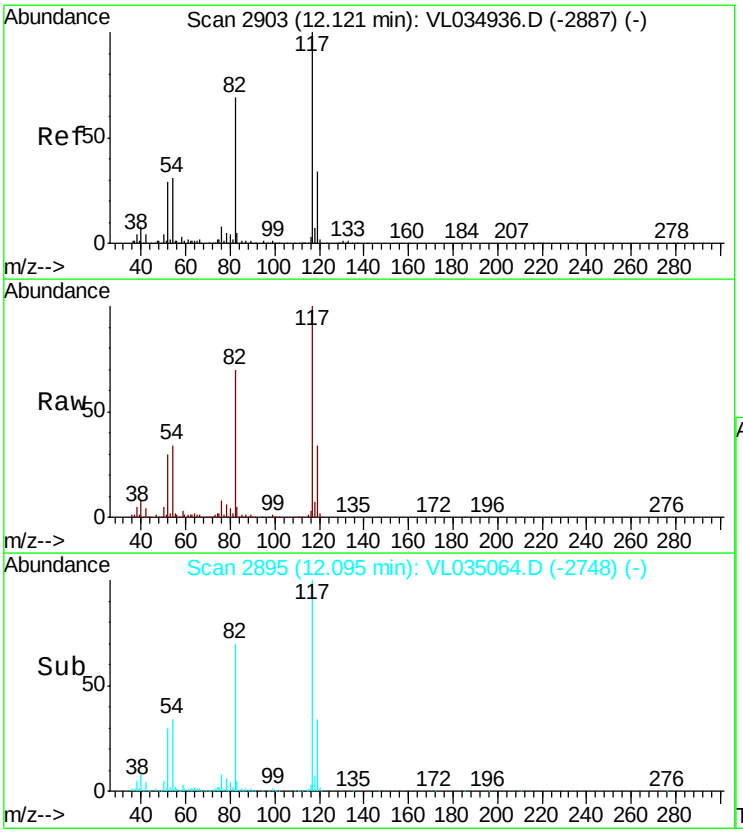
#52
Tetrachloroethene
Concen: 0.472 ppbv
RT: 11.23 min Scan# 2626
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:164 Resp: 34381

Ion	Ratio	Lower	Upper
164	100		
166	121.4	100.7	151.1
129	86.9	83.0	124.4
131	88.1	81.0	121.4

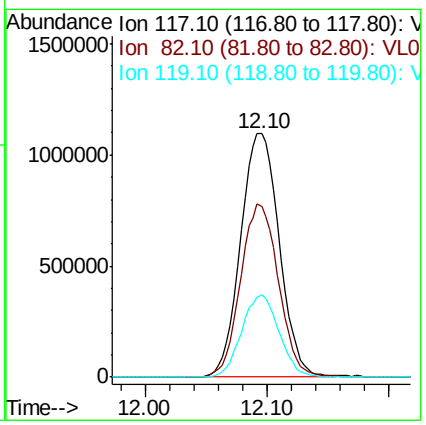


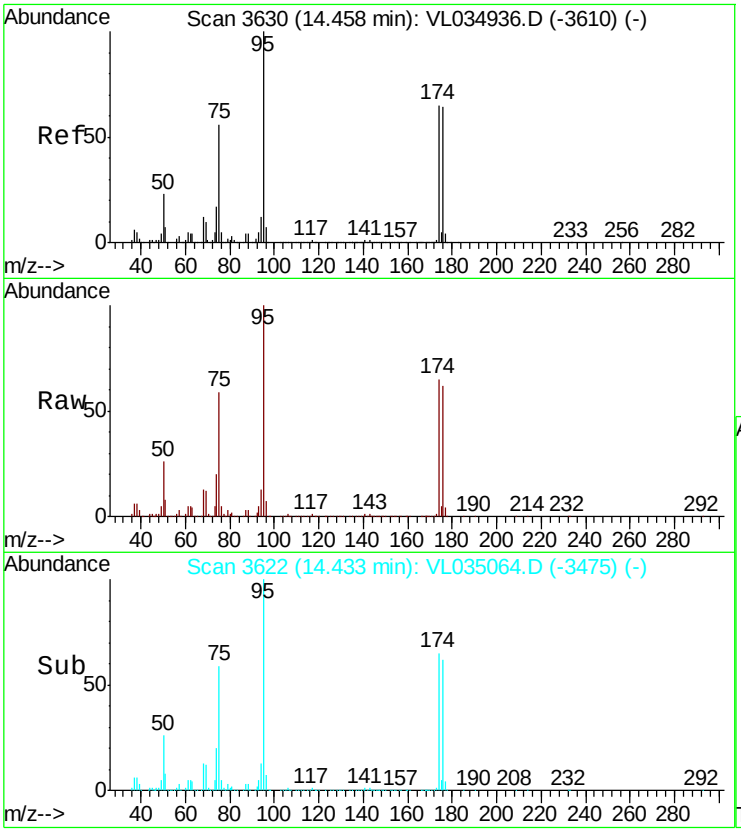


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Tgt Ion:117 Resp: 2398192

Ion	Ratio	Lower	Upper
117	100		
82	70.0	53.1	79.7
119	32.8	26.7	40.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.326 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.03 min
Lab File: VL035064.D
Acq: 20 May 2020 4:06

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2004575

Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.5	77.3
175	4.9	3.8	5.8