Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111020\
Data File : VL035893.D
Acq On : 10 Nov 2020 17:12
Operator : SY/AP
Sample : VL1110ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1110ABL01

Quant Time: Nov 11 01:22:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1162470	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4277187	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4103348	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2964846	10.17	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.70%			
Target Compounds						Qvalue
9) Propene	3.01	41	2997	0.059	ppbv	93
15) Acetone	3.86	43	34829	0.280	ppbv #	1
20) Methylene Chloride	4.34	84	19431	0.222	ppbv	94
30) Cyclohexane	7.15	84	6802	0.046	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	856896	8.004	ppbv #	30
51) 2-Hexanone	10.43	43	60710	0.356	ppbv #	45

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

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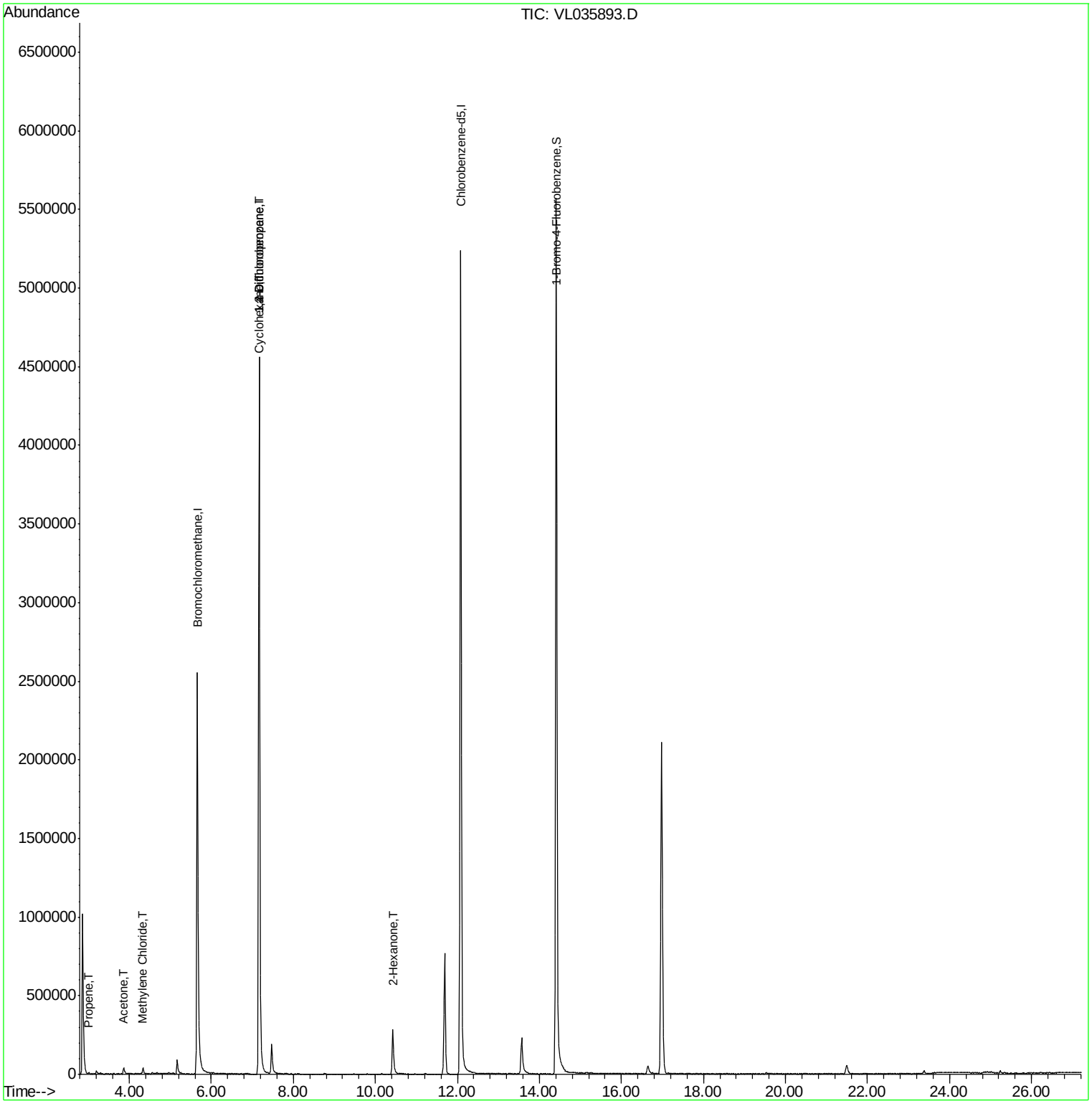
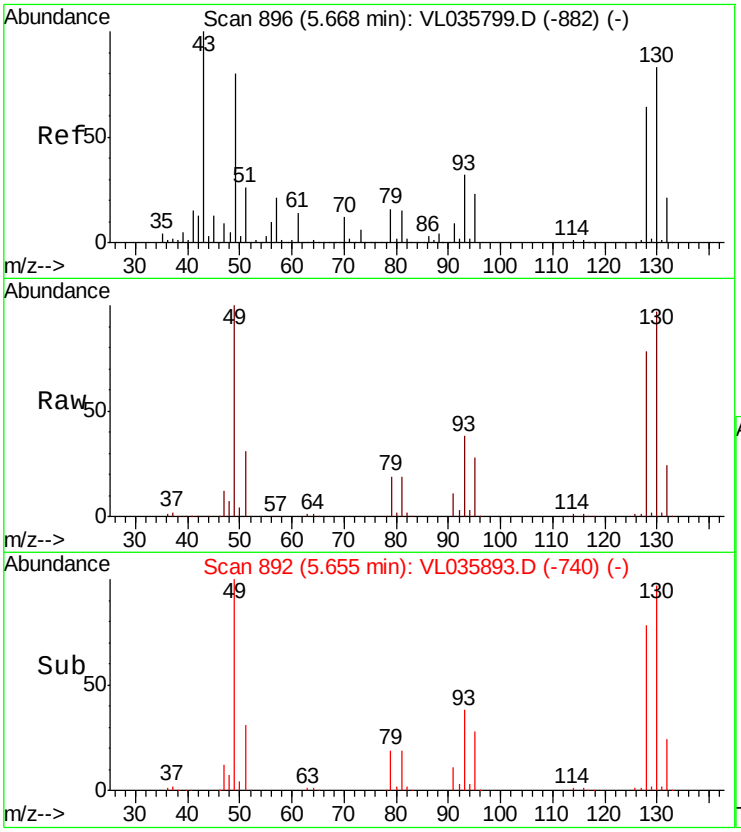


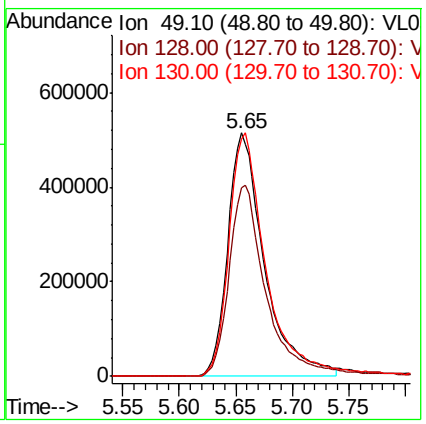


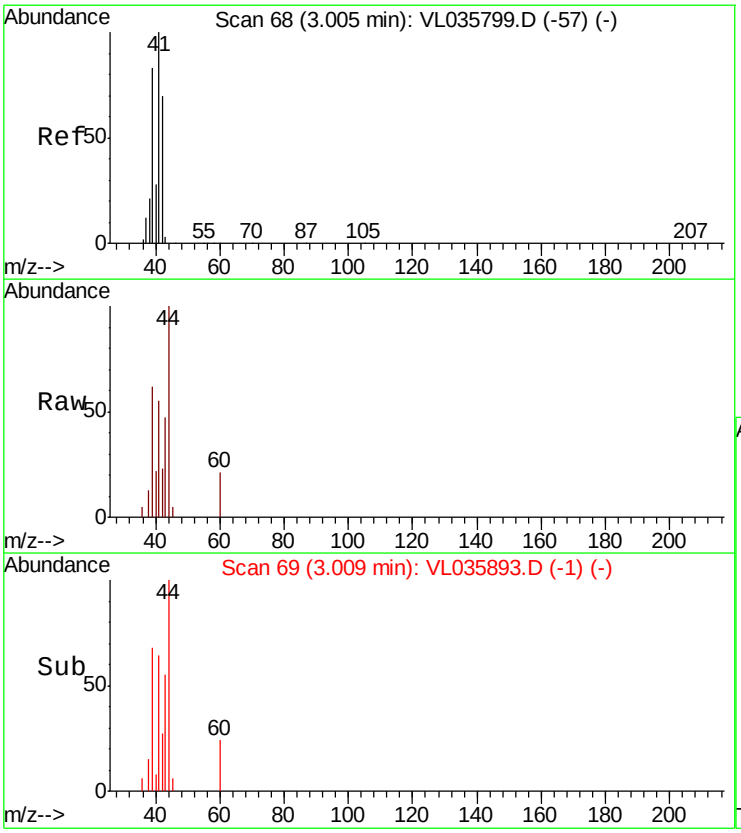
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

Tgt Ion: 49 Resp: 1162470

Ion	Ratio	Lower	Upper
49	100		
128	81.0	41.5	124.6
130	103.9	53.7	161.1

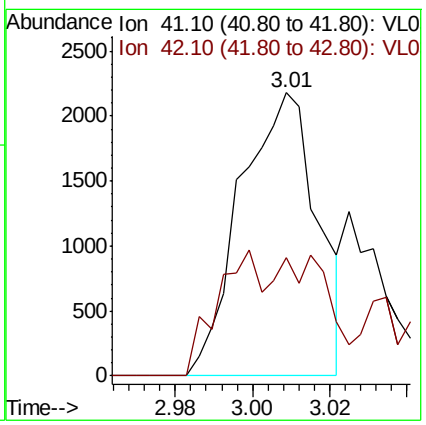


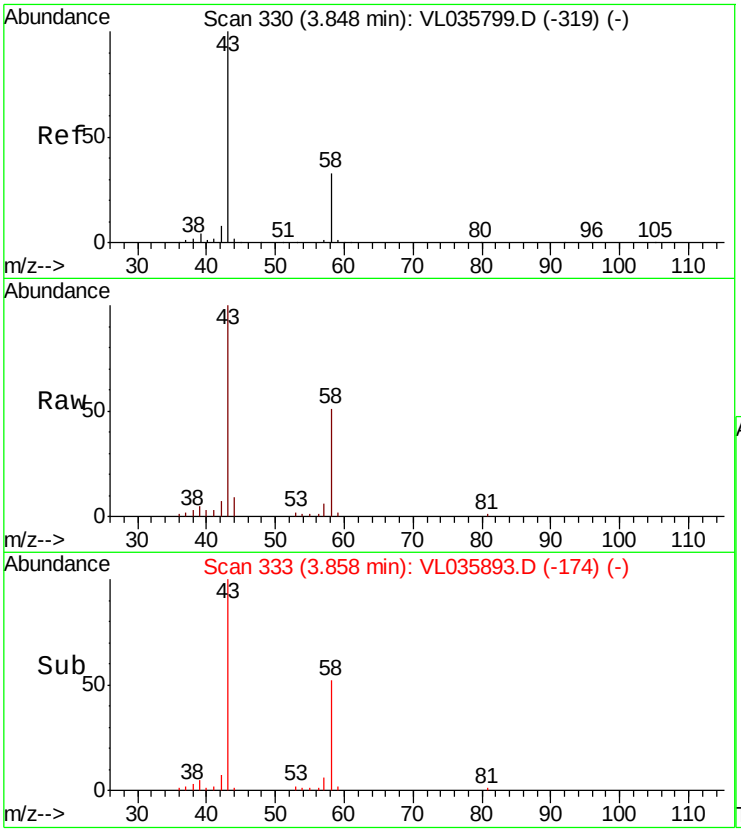


#9
Propene
Concen: 0.059 ppbv
RT: 3.01 min Scan# 69
Delta R.T. 0.00 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 41 Resp: 2997

Ion	Ratio	Lower	Upper
41	100		
42	75.7	56.2	84.4



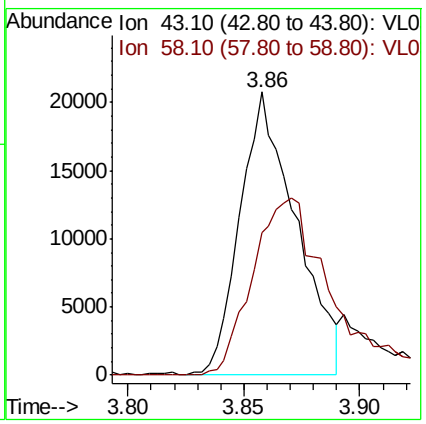


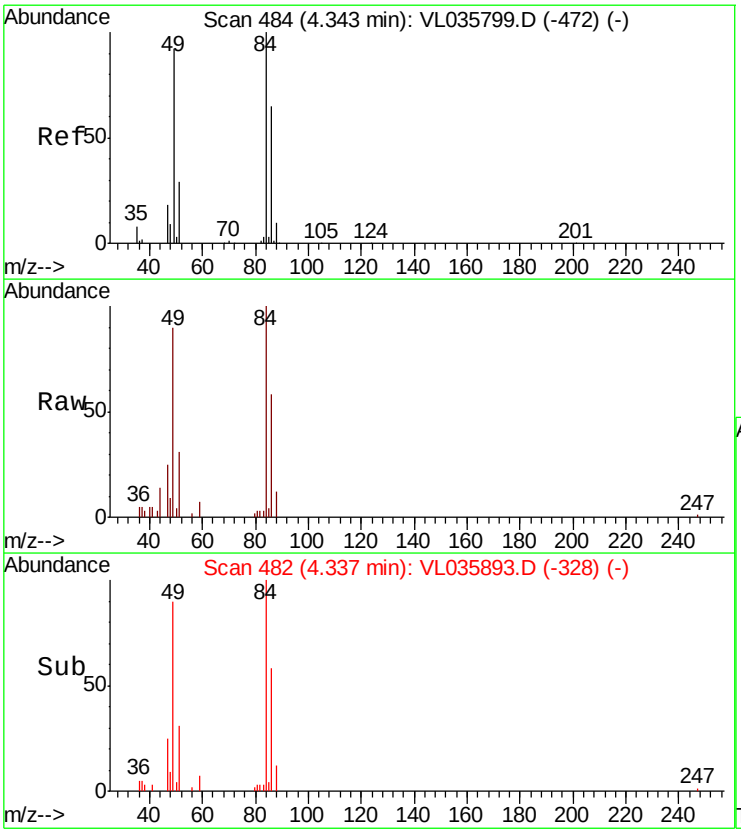
#15
Acetone
Concen: 0.280 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument : MSVOA_L
ClientSampleId : VL1110ABL01

Tgt Ion: 43 Resp: 34829

Ion	Ratio	Lower	Upper
43	100		
58	93.7	27.5	41.3#

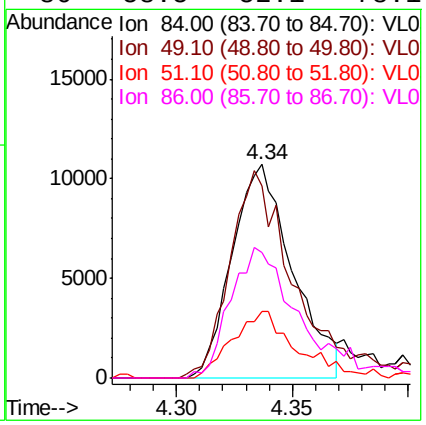


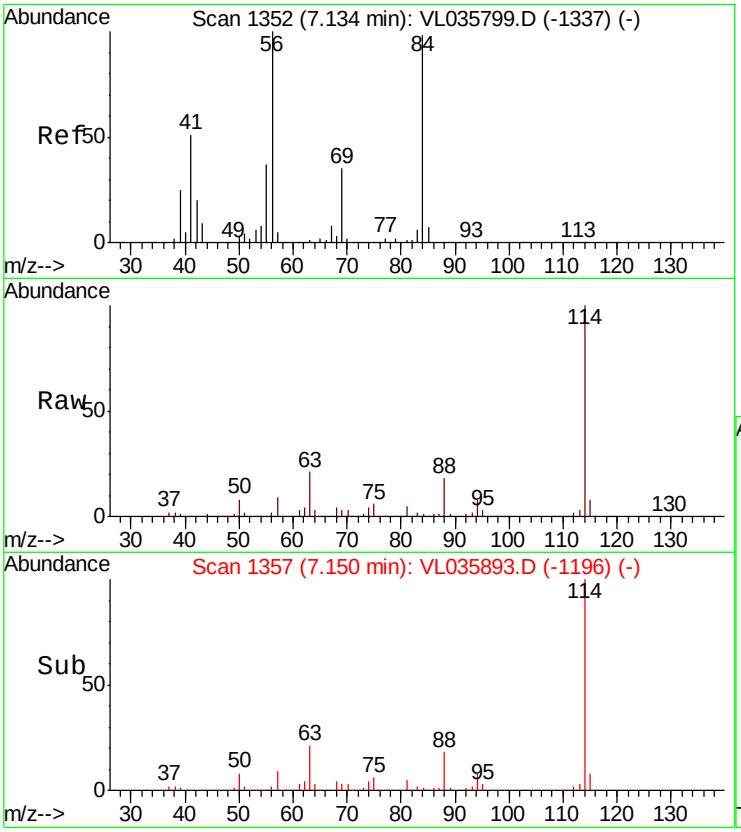


#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 84 Resp: 19431

Ion	Ratio	Lower	Upper
84	100		
49	88.3	73.8	110.8
51	31.1	23.0	34.4
86	58.5	52.1	78.1



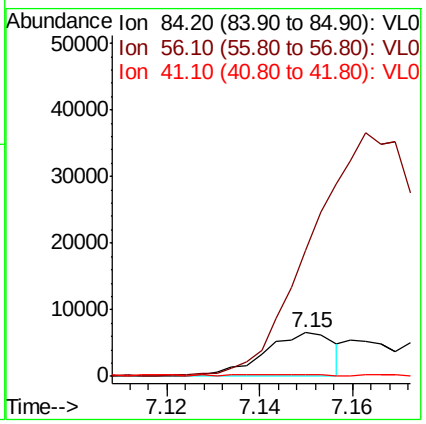


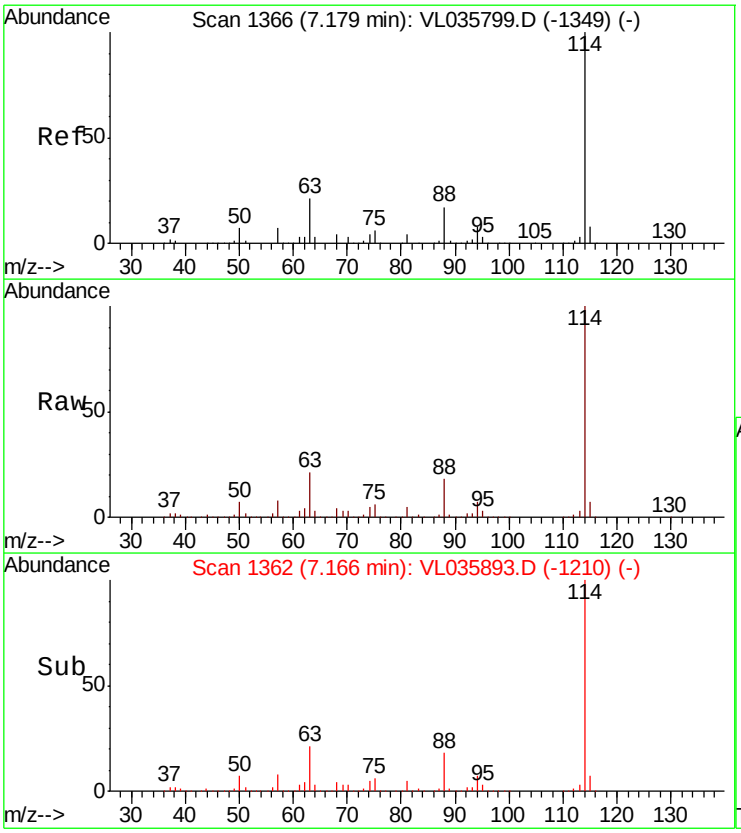
#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument : MSVOA_L
ClientSampleId : VL1110ABL01

Tgt Ion: 84 Resp: 6802

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#

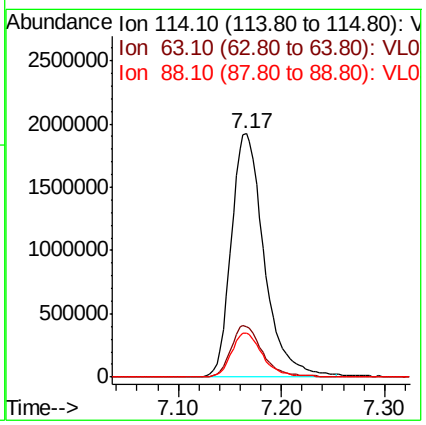


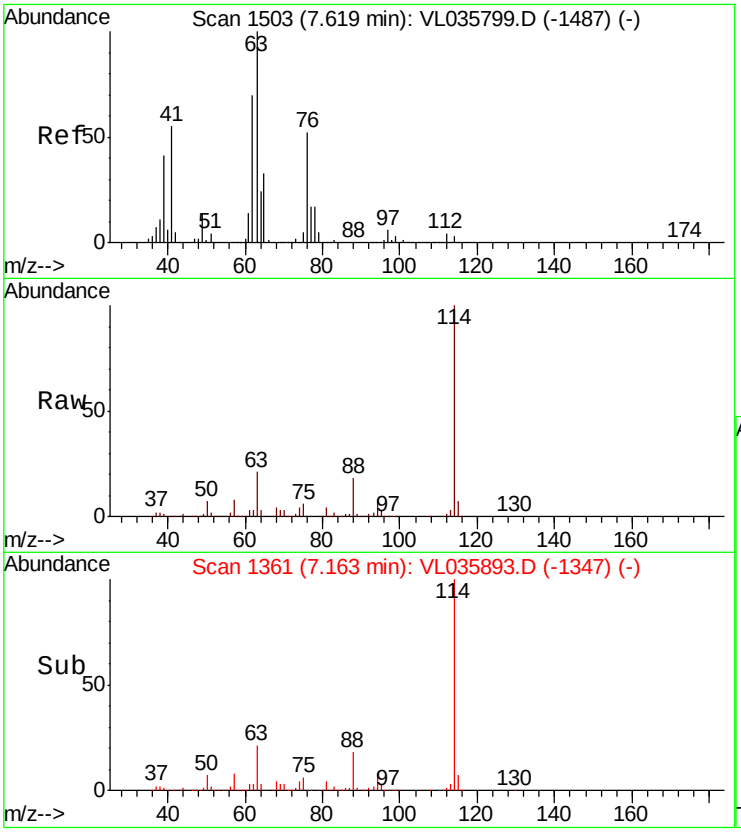


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion:114 Resp: 4277187

Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.1	24.1
88	17.5	13.7	20.5



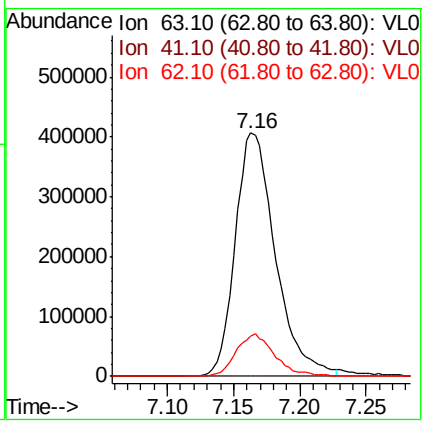


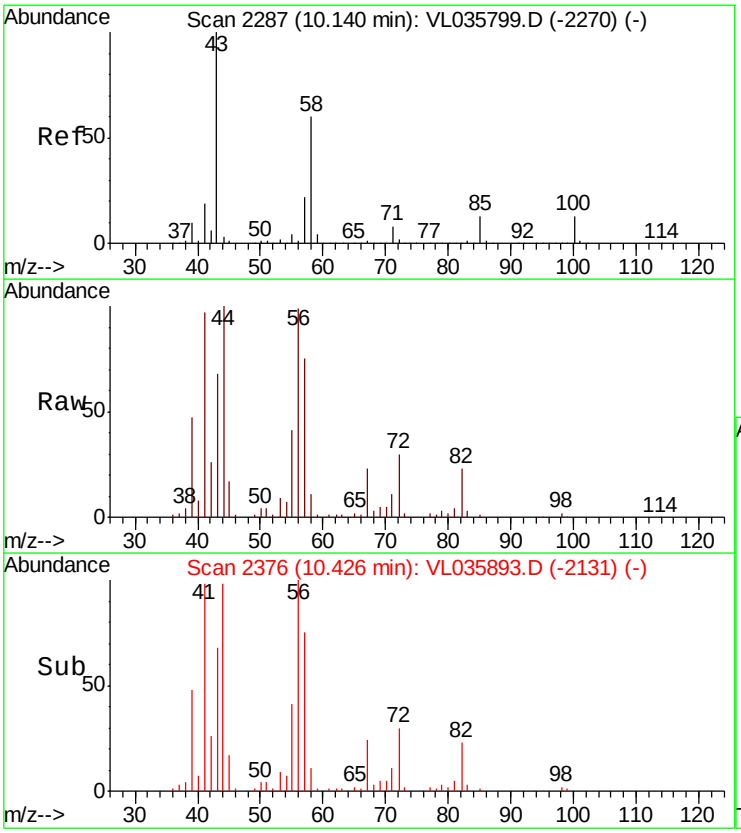
#39
1,2-Dichloropropane
Concen: 8.004 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

Tgt Ion: 63 Resp: 856896

Ion	Ratio	Lower	Upper
63	100		
41	0.1	43.8	65.6#
62	16.4	56.2	84.2#

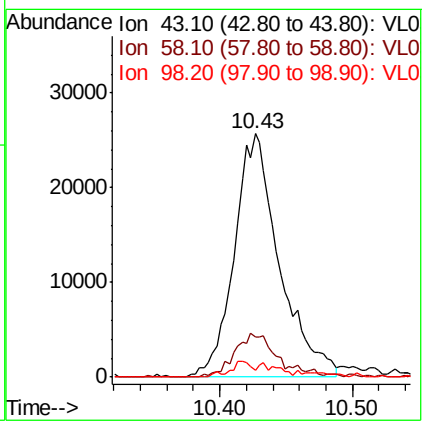


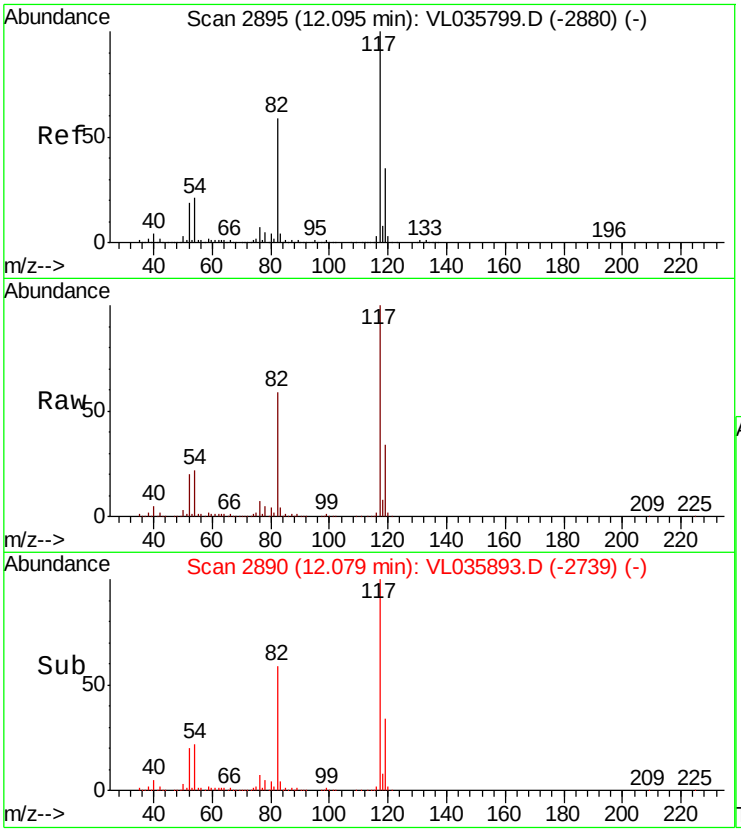


#51
2-Hexanone
Concen: 0.356 ppbv
RT: 10.43 min Scan# 2376
Delta R.T. 0.29 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 43 Resp: 60710

Ion	Ratio	Lower	Upper
43	100		
58	18.0	48.3	72.5#
98	7.2	0.6	0.8#



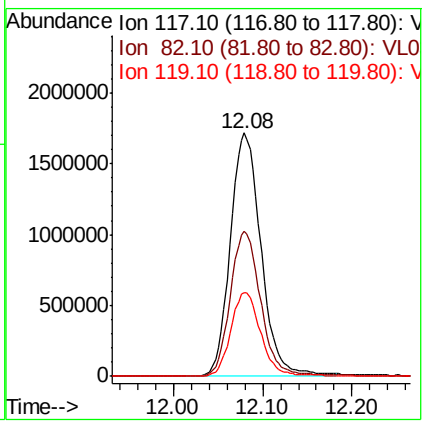


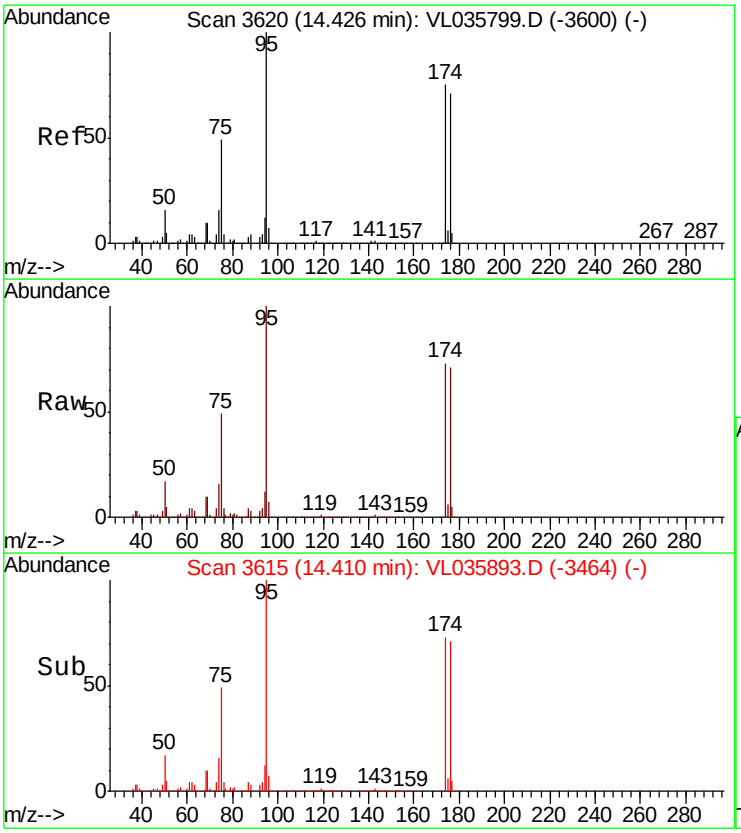
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument : MSVOA_L
ClientSampleId : VL1110ABL01

Tgt Ion:117 Resp: 4103348

Ion	Ratio	Lower	Upper
117	100		
82	60.0	50.6	76.0
119	34.3	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.170 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 95 Resp: 2964846

Ion	Ratio	Lower	Upper
95	100		
174	76.3	59.8	89.6
175	5.3	4.3	6.5