Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\

Quantitation Report (Not Reviewed)

Data File : VL035656.D
Acq On : 17 Sep 2020 13:48
Operator : SY/AP
Sample : VL0917ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0917ABL01

Quant Time: Sep 18 02:30:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Sep 14 15:19:50 2020
QLast Update : Mon Sep 14 15:19:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1116015	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4380396	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4373467	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	3176201	10.23	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.30%			
Target Compounds						Qvalue
9) Propene	3.02	41	3471	0.073	ppbv #	72
15) Acetone	3.87	43	30863	0.251	ppbv #	32
20) Methylene Chloride	4.35	84	16575	0.181	ppbv	91
30) Cyclohexane	7.16	84	7195	0.055	ppbv #	9
34) 2-Butanone	5.27	43	5923	0.046	ppbv	98
39) 1,2-Dichloropropane	7.18	63	846021	8.832	ppbv #	32

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091720\

Quantitation Report (Not Reviewed)

Data File : VL035656.D
Acq On : 17 Sep 2020 13:48
Operator : SY/AP
Sample : VL0917ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
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Quant Time: Sep 18 02:30:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
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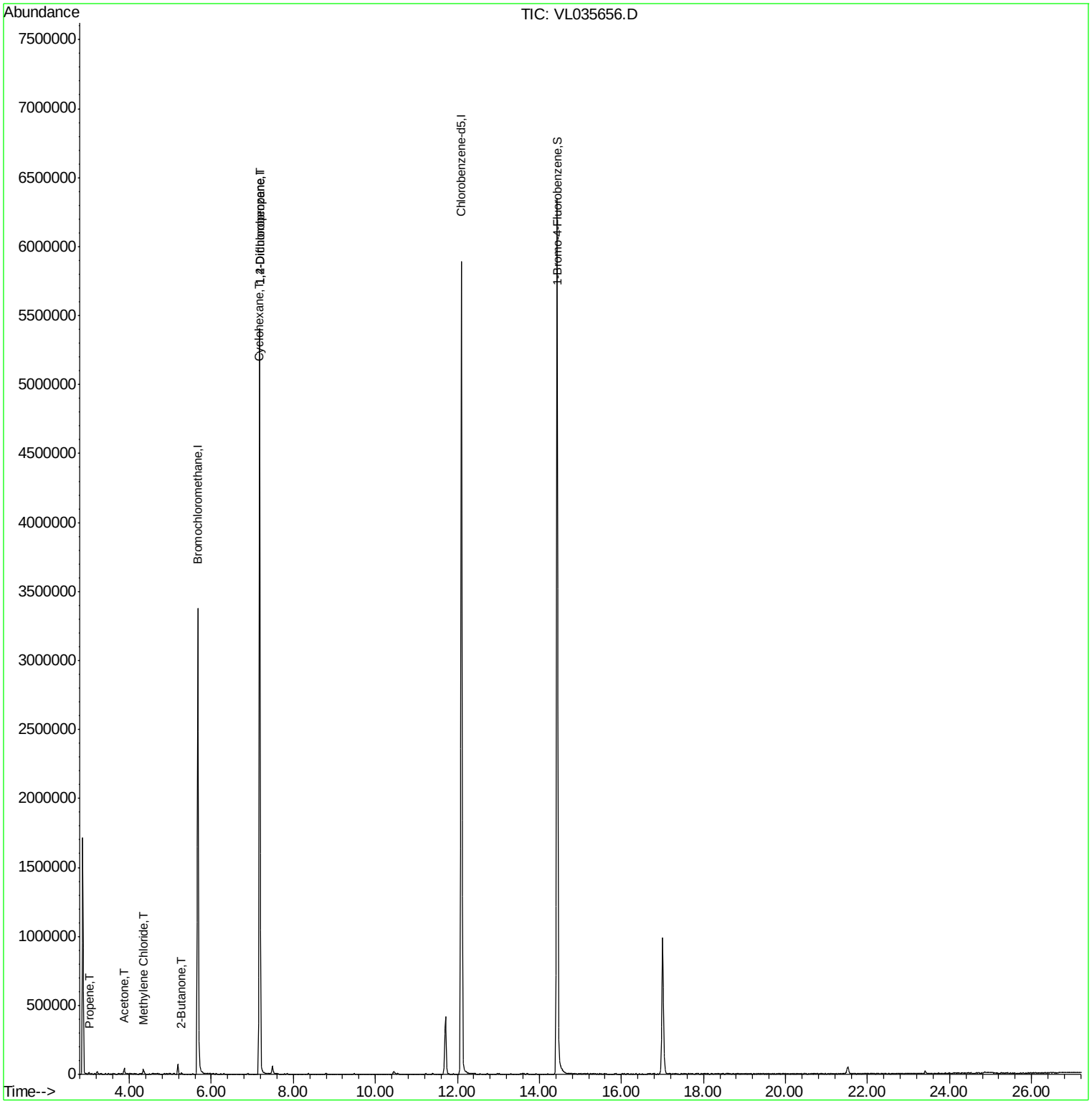
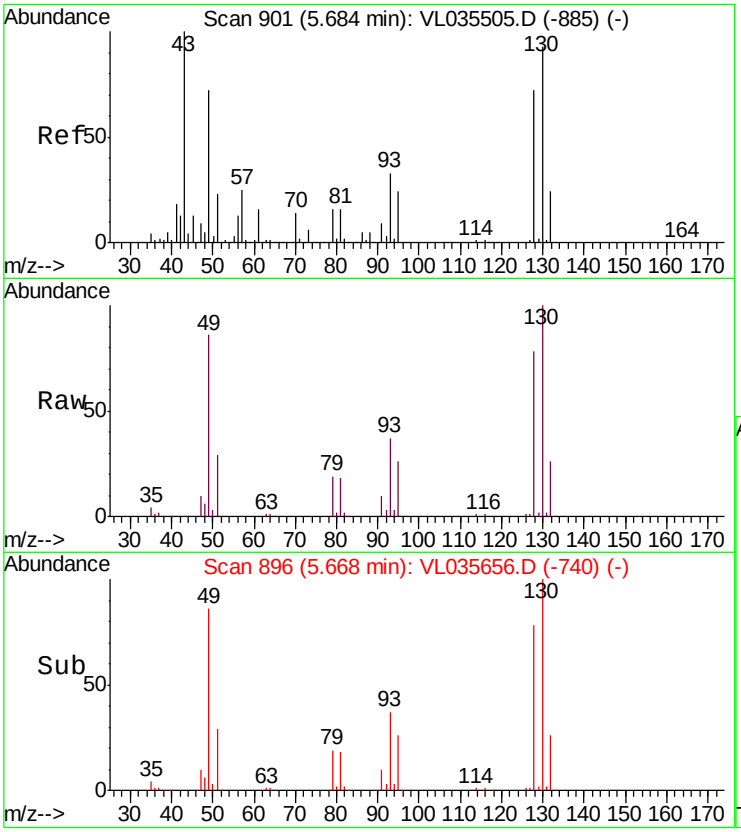


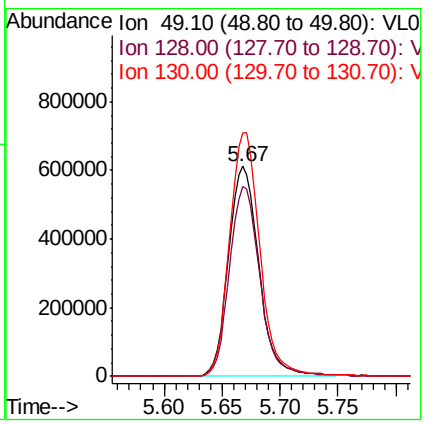


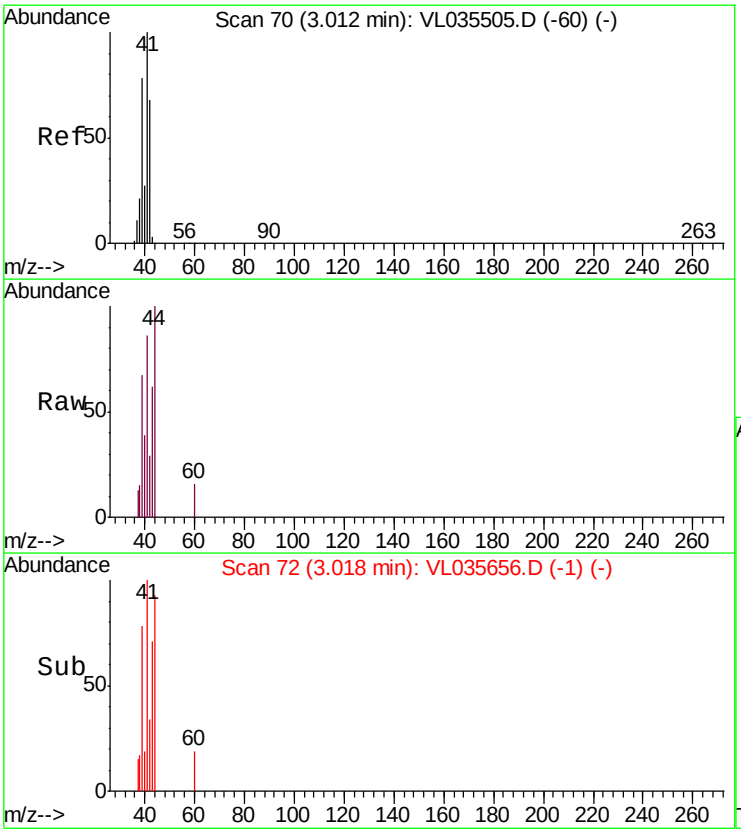
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.00 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABL01

Tgt Ion: 49 Resp: 1116015

Ion	Ratio	Lower	Upper
49	100		
128	90.8	50.0	150.1
130	116.8	64.4	193.2

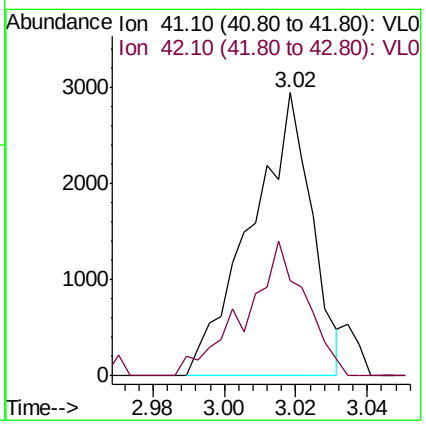


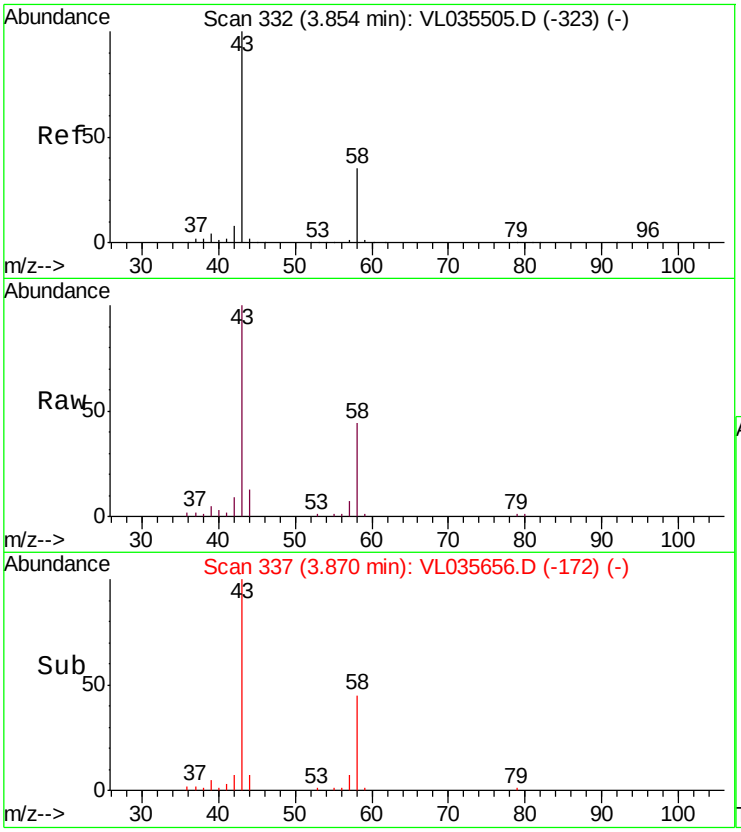


#9
Propene
Concen: 0.073 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.02 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Tgt Ion: 41 Resp: 3471

Ion	Ratio	Lower	Upper
41	100		
42	47.0	56.3	84.5#



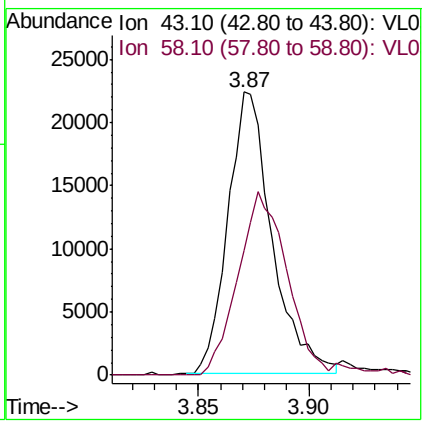


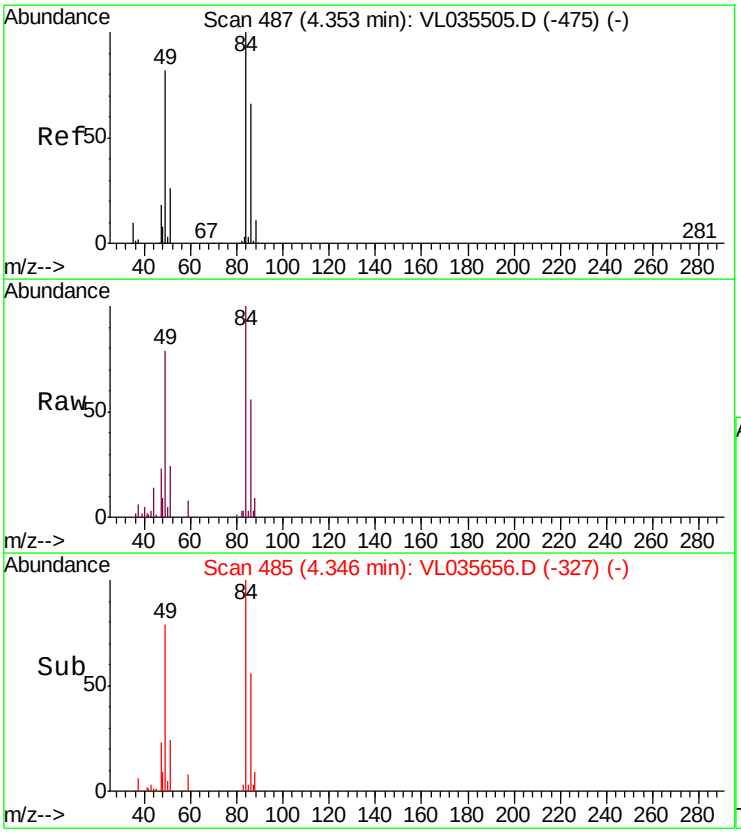
#15
Acetone
Concen: 0.251 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.03 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Instrument : MSVOA_L
ClientSampleId : VL0917ABL01

Tgt Ion: 43 Resp: 30863

Ion	Ratio	Lower	Upper
43	100		
58	75.5	28.4	42.6#

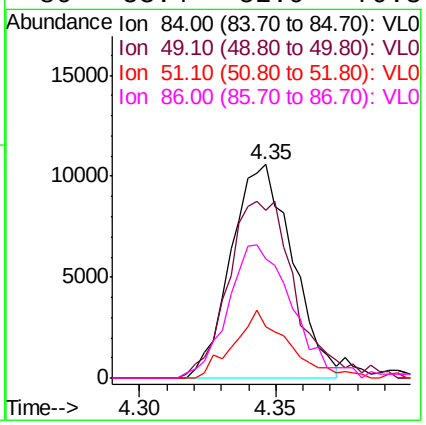


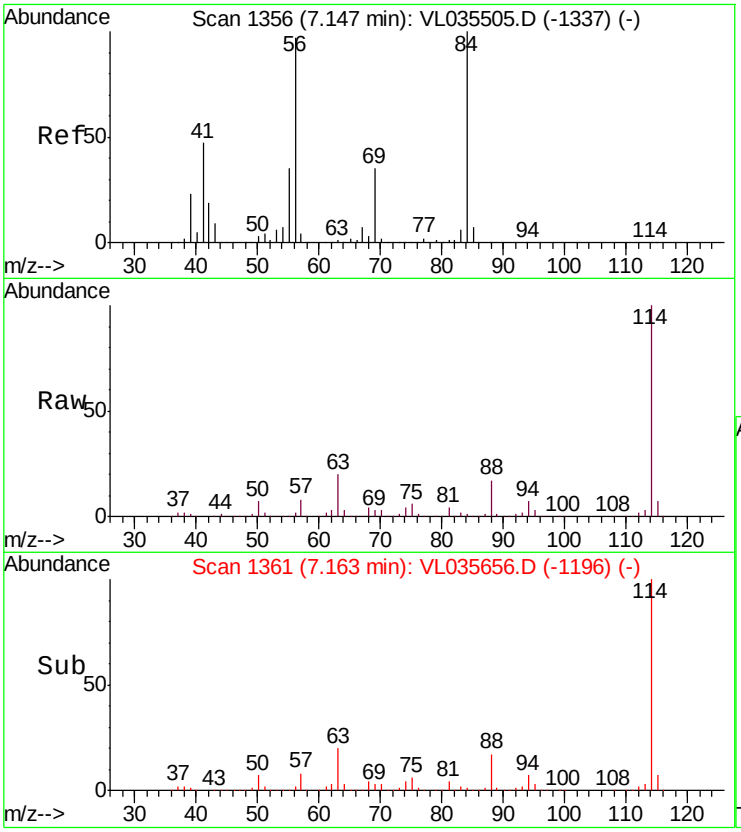


#20
Methylene Chloride
Concen: 0.181 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.01 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Tgt Ion: 84 Resp: 16575

Ion	Ratio	Lower	Upper
84	100		
49	77.2	65.4	98.0
51	24.0	21.5	32.3
86	53.4	52.9	79.3



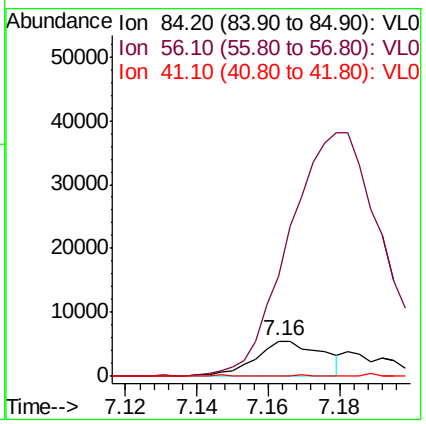


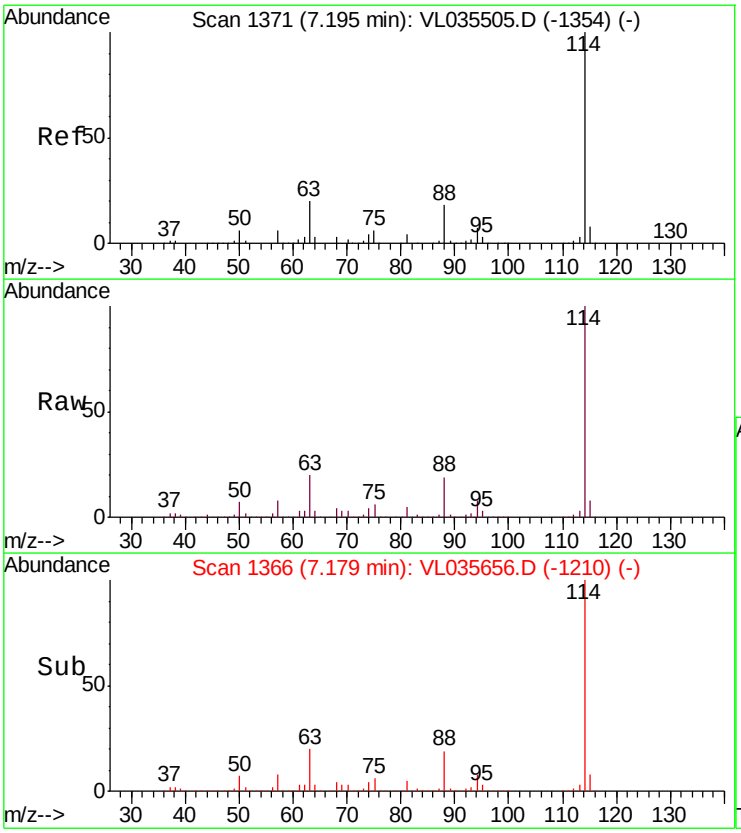
#30
Cyclohexane
Concen: 0.055 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. 0.03 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Instrument : MSVOA_L
ClientSampleId : VL0917ABL01

Tgt Ion: 84 Resp: 7195

Ion	Ratio	Lower	Upper
84	100		
56	0.0	80.1	120.1#
41	0.0	38.1	57.1#

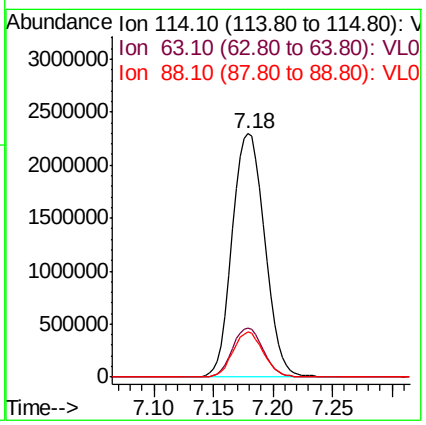


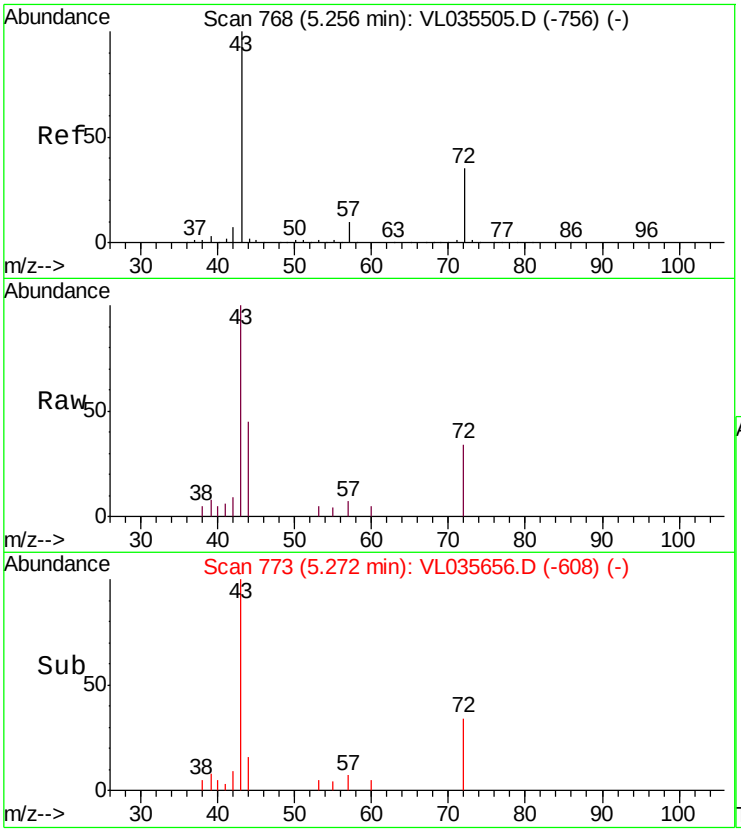


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Tgt Ion:114 Resp: 4380396

Ion	Ratio	Lower	Upper
114	100		
63	19.4	14.7	22.1
88	17.3	13.4	20.2



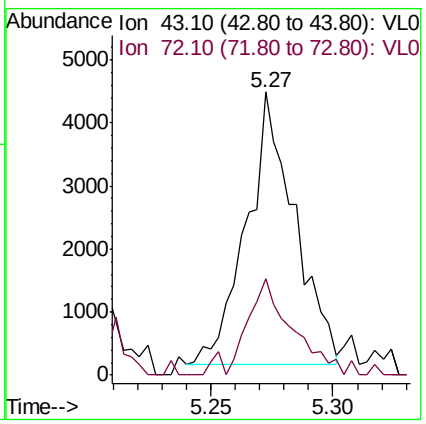


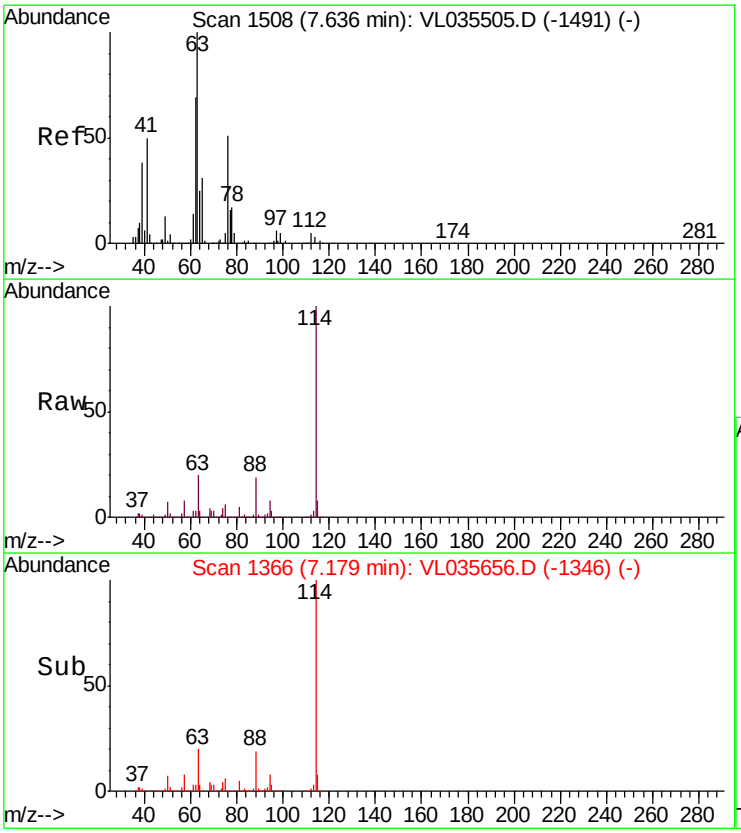
#34
2-Butanone
Concen: 0.046 ppbv
RT: 5.27 min Scan# 773
Delta R.T. 0.03 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABL01

Tgt Ion: 43 Resp: 5923

Ion	Ratio	Lower	Upper
43	100		
72	35.7	27.7	41.5

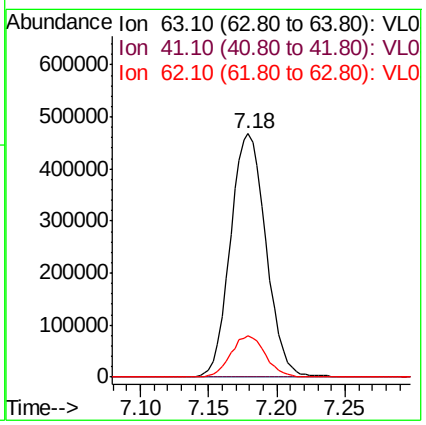


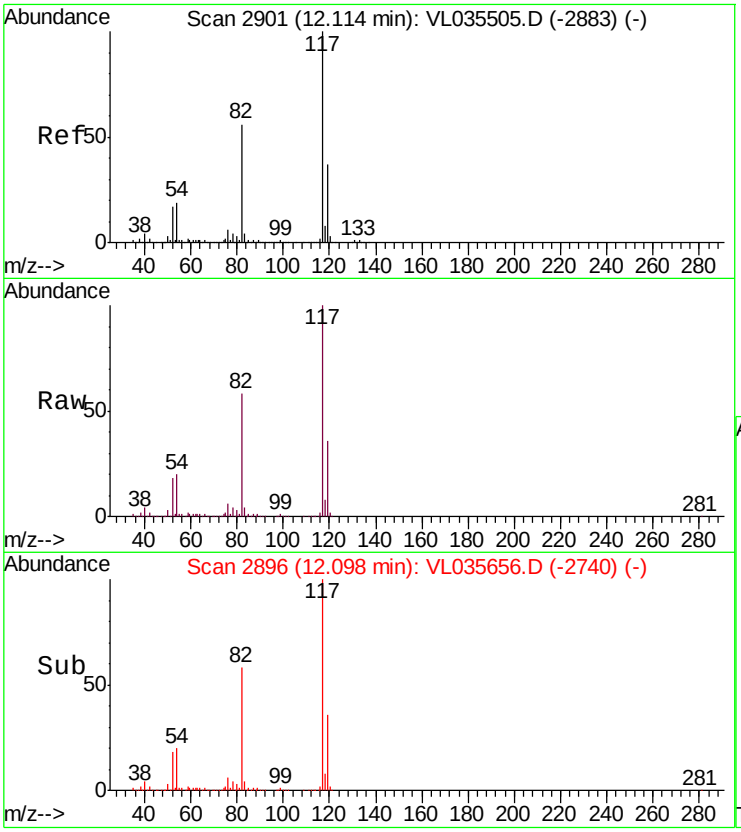


#39
1,2-Dichloropropane
Concen: 8.832 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.43 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Tgt Ion: 63 Resp: 846021

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	16.8	55.4	83.0#



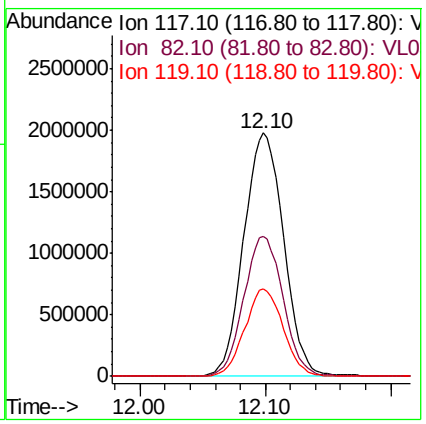


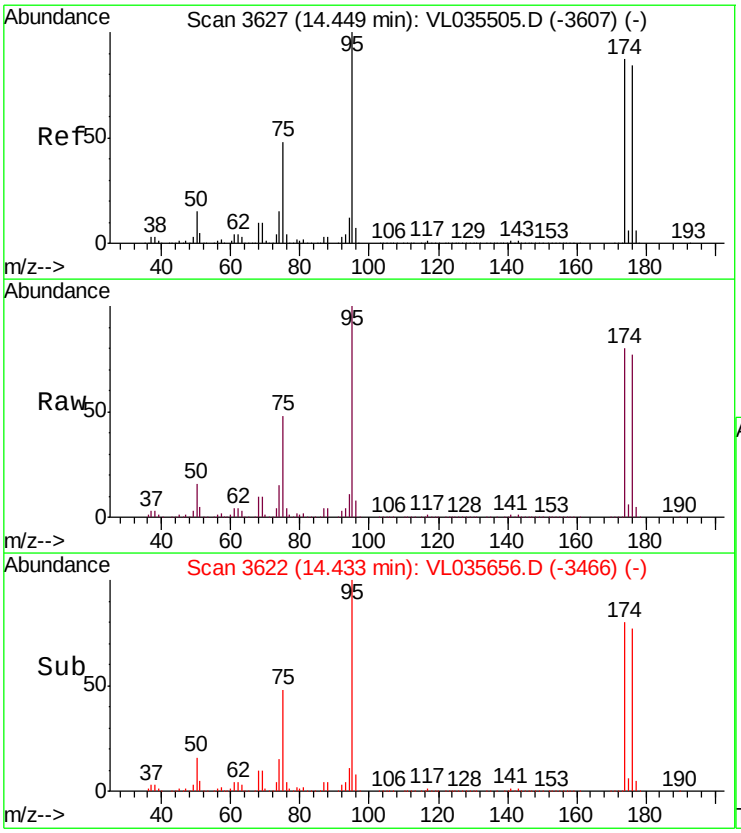
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Instrument : MSVOA_L
ClientSampleId : VL0917ABL01

Tgt Ion:117 Resp: 4373467

Ion	Ratio	Lower	Upper
117	100		
82	57.1	41.6	62.4
119	34.9	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.227 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.00 min
Lab File: VL035656.D
Acq: 17 Sep 2020 13:48

Tgt Ion: 95 Resp: 3176201

Ion	Ratio	Lower	Upper
95	100		
174	80.5	69.6	104.4
175	5.8	5.1	7.7