Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035602.D
Acq On : 14 Sep 2020 17:14
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Sep 15 06:41:14 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	5.66	49	1094710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4641410	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4654437	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3429649	10.38	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.80%			
Target Compounds						Qvalue
9) Propene	3.01	41	3046	0.065	ppbv	95
15) Acetone	3.86	43	20905	0.173	ppbv #	30
20) Methylene Chloride	4.34	84	15130	0.168	ppbv #	83
39) 1,2-Dichloropropane	7.17	63	853440	8.409	ppbv #	32
52) Tetrachloroethene	11.22	164	15757	0.090	ppbv	97

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

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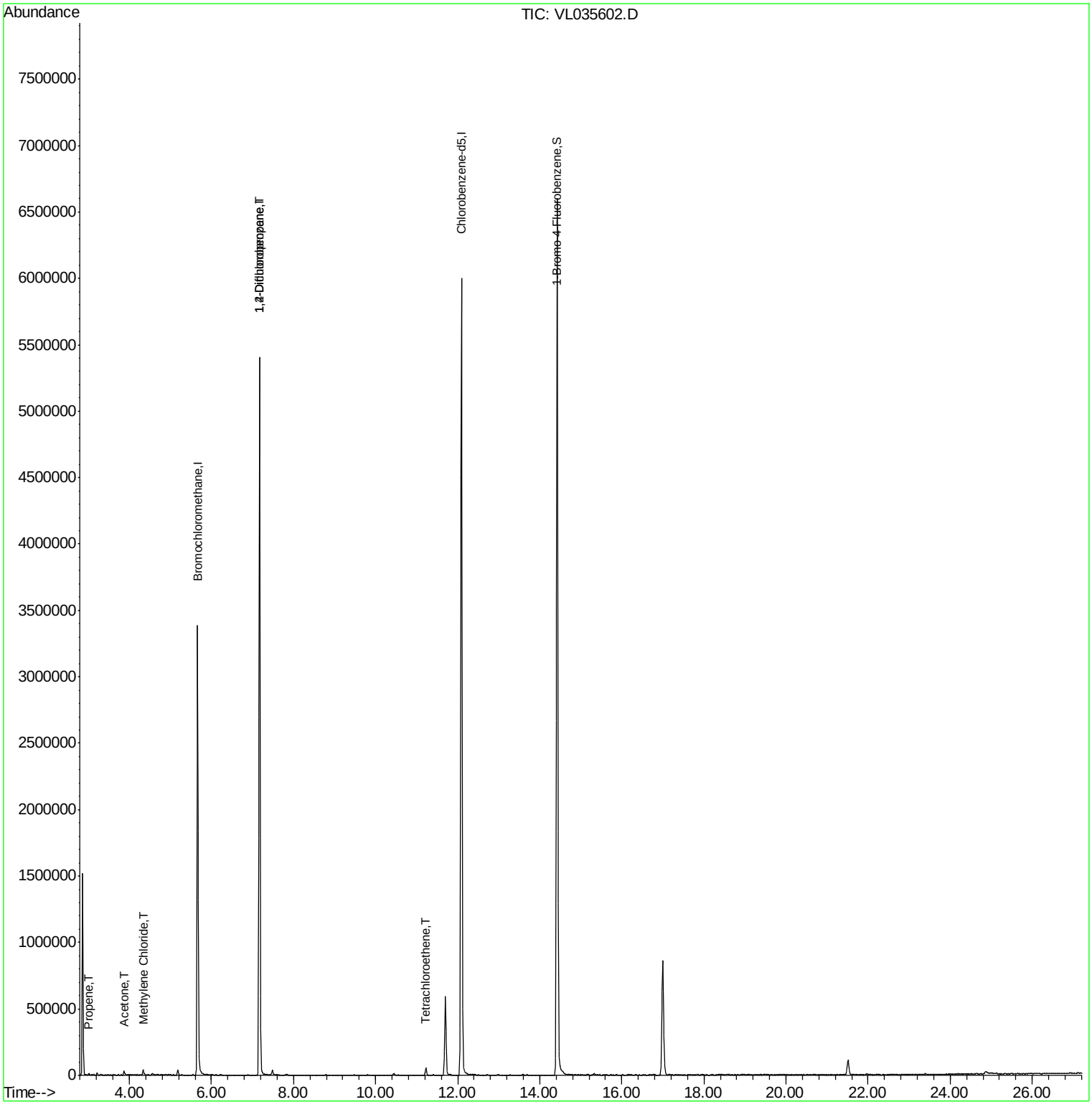
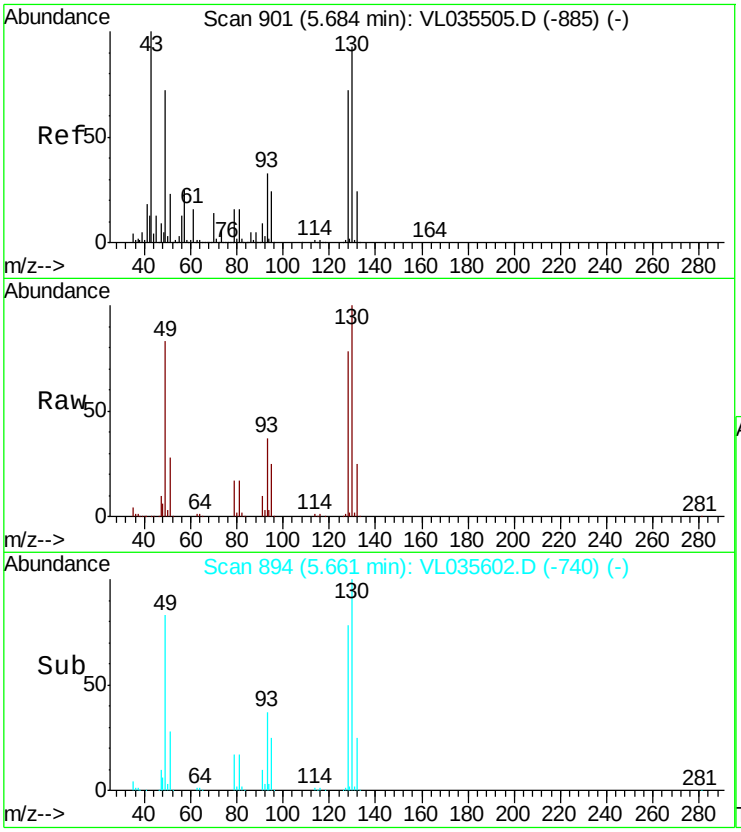


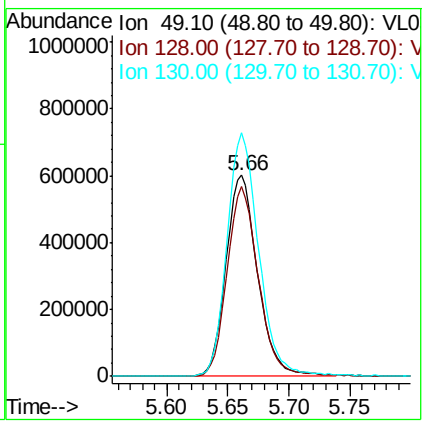


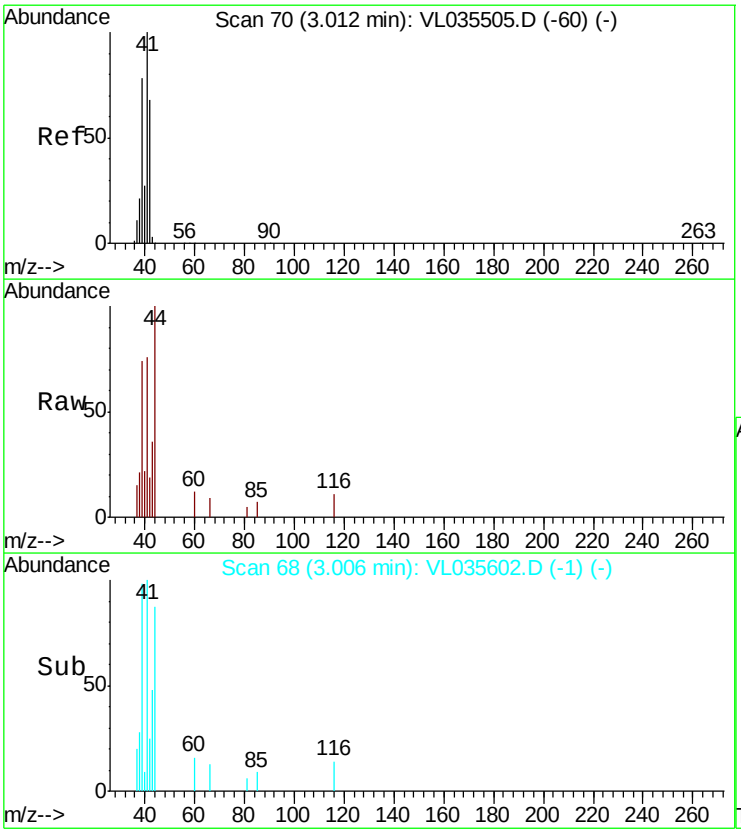
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.00 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 1094710

Ion	Ratio	Lower	Upper
49	100		
128	93.5	50.0	150.1
130	121.8	64.4	193.2

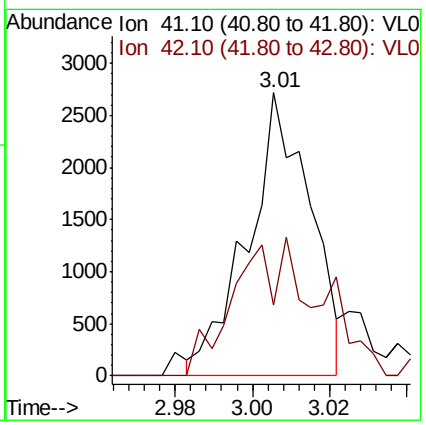


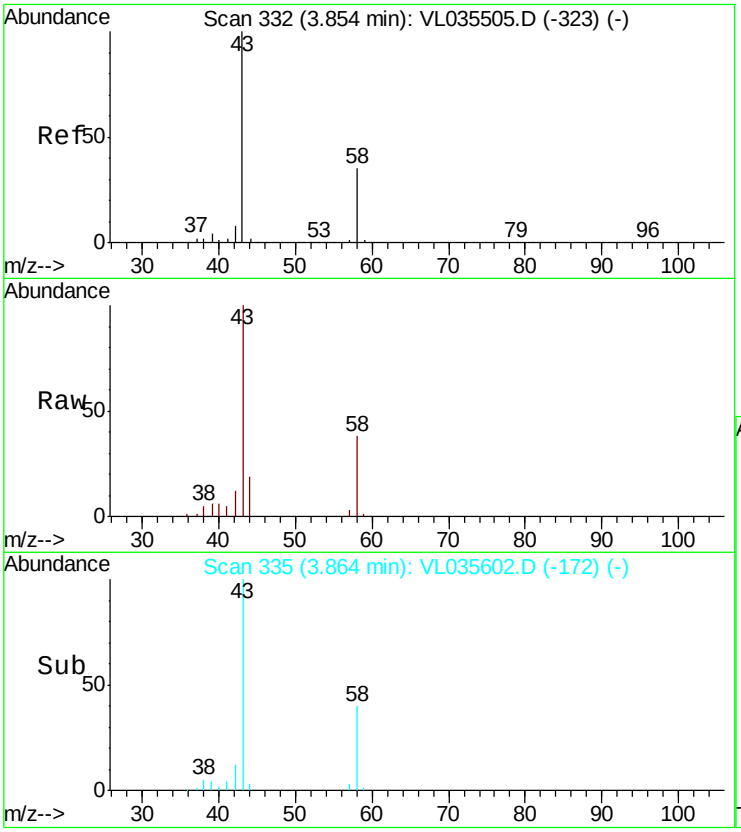


#9
Propene
Concen: 0.065 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion: 41 Resp: 3046

Ion	Ratio	Lower	Upper
41	100		
42	66.2	56.3	84.5



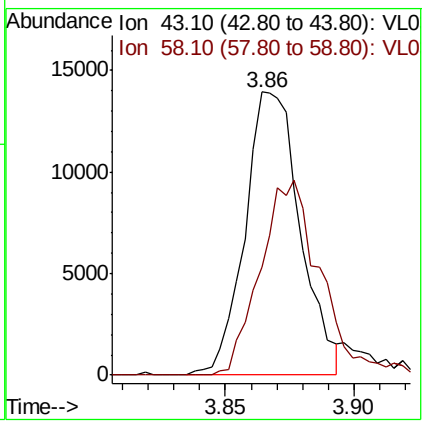


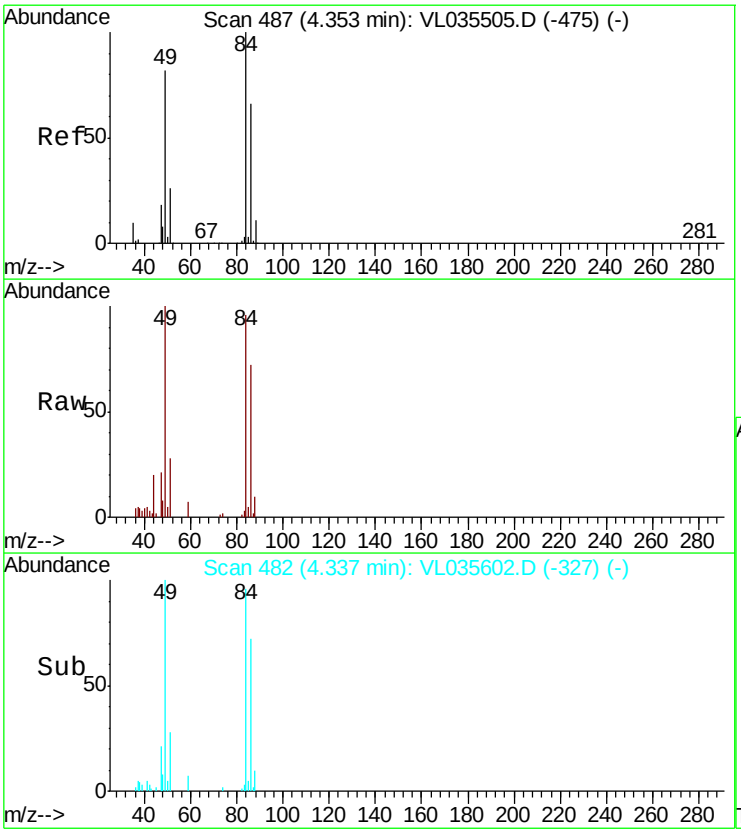
#15
Acetone
Concen: 0.173 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 43 Resp: 20905

Ion	Ratio	Lower	Upper
43	100		
58	76.6	28.4	42.6#

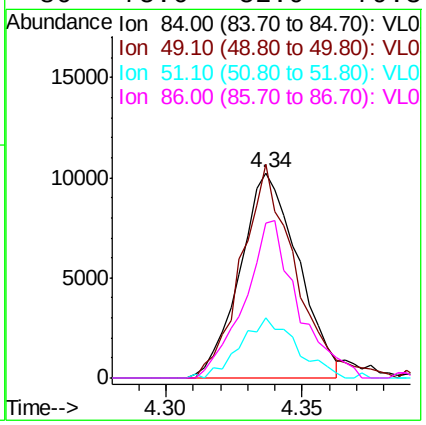


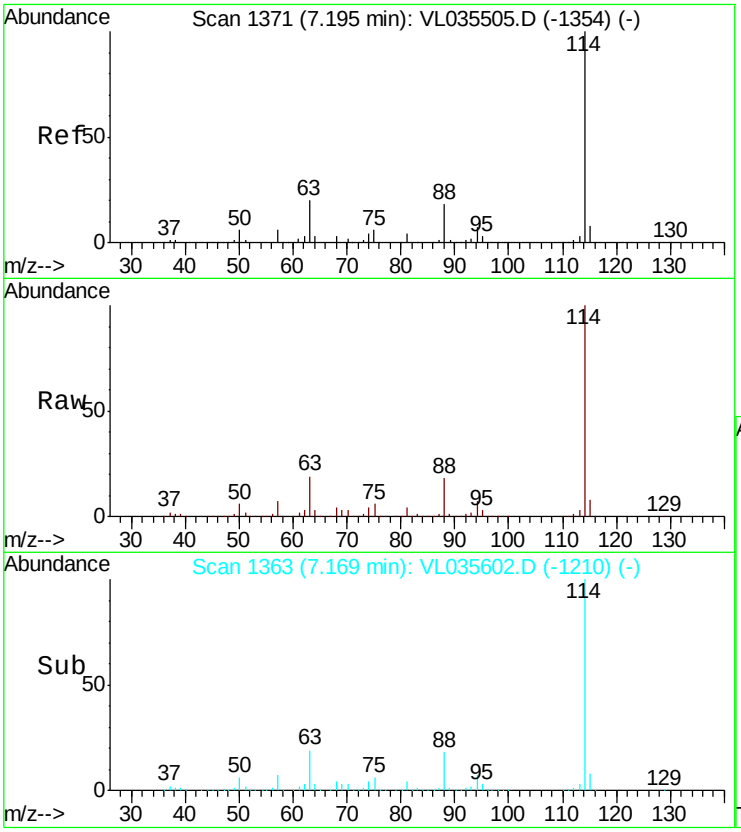


#20
Methylene Chloride
Concen: 0.168 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion: 84 Resp: 15130

Ion	Ratio	Lower	Upper
84	100		
49	104.3	65.4	98.0#
51	29.3	21.5	32.3
86	75.6	52.9	79.3



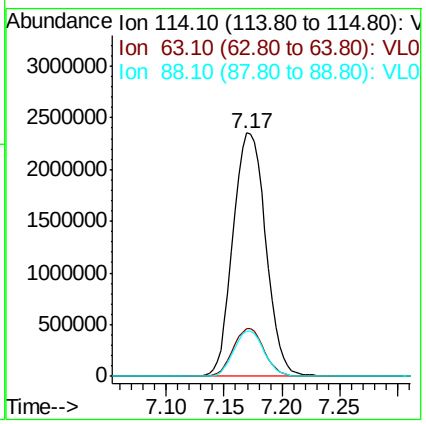


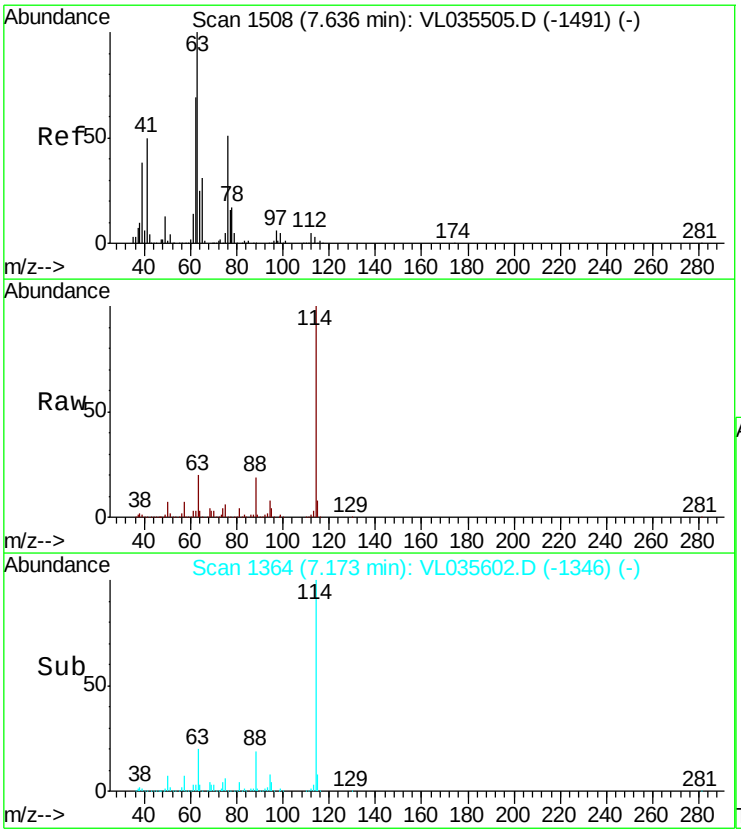
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 4641410

Ion	Ratio	Lower	Upper
114	100		
63	18.5	14.7	22.1
88	17.2	13.4	20.2

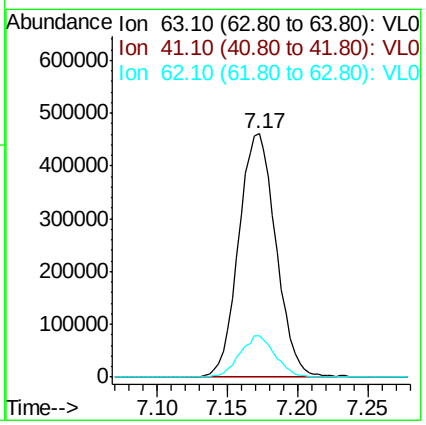


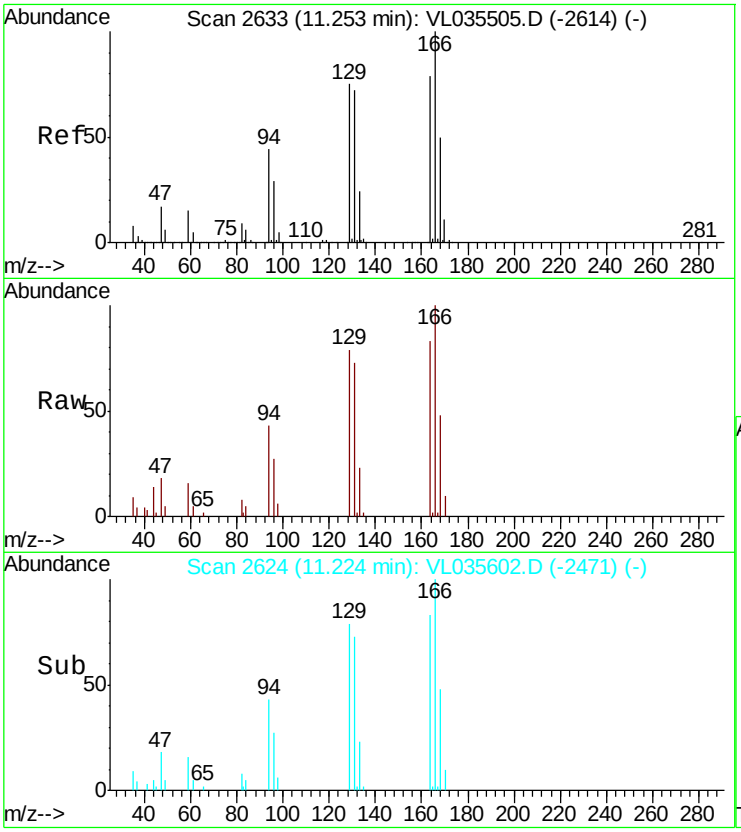


#39
1,2-Dichloropropane
Concen: 8.409 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.44 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion: 63 Resp: 853440

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.1	55.4	83.0#



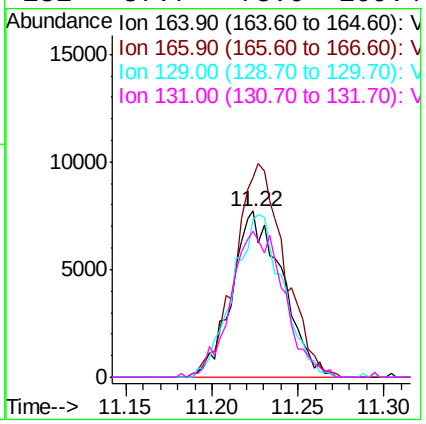


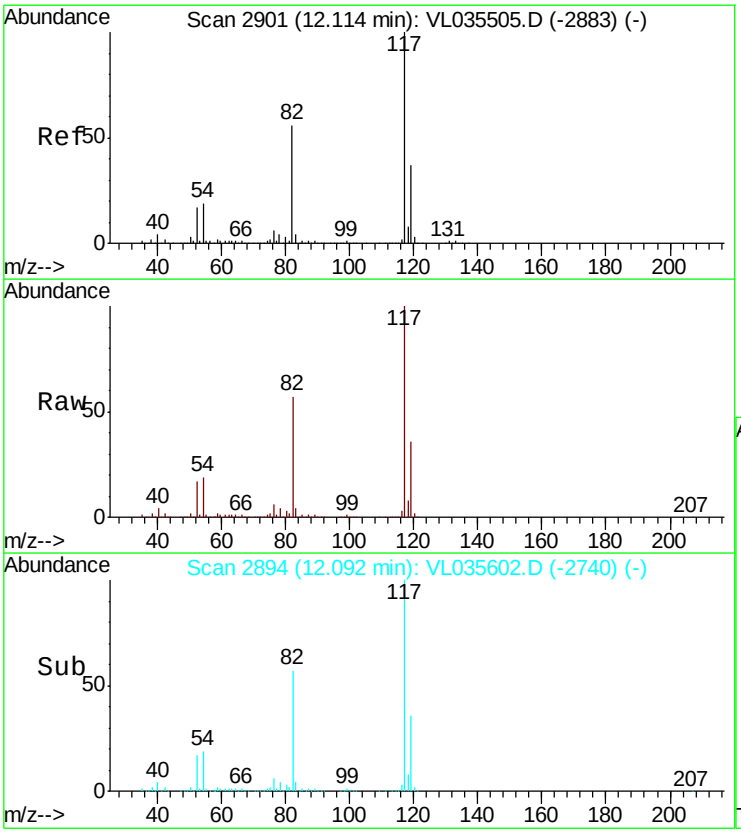
#52
Tetrachloroethene
Concen: 0.090 ppbv
RT: 11.22 min Scan# 2624
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:164 Resp: 15757

Ion	Ratio	Lower	Upper
164	100		
166	120.0	100.9	151.3
129	94.7	75.3	112.9
131	87.7	73.0	109.4

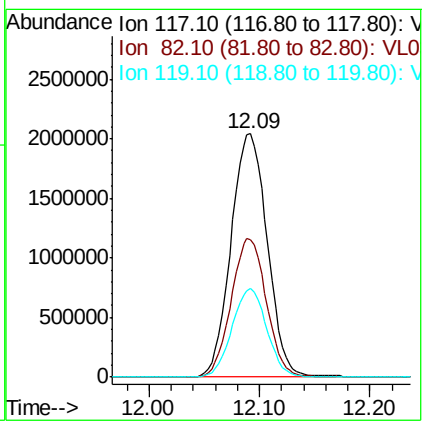


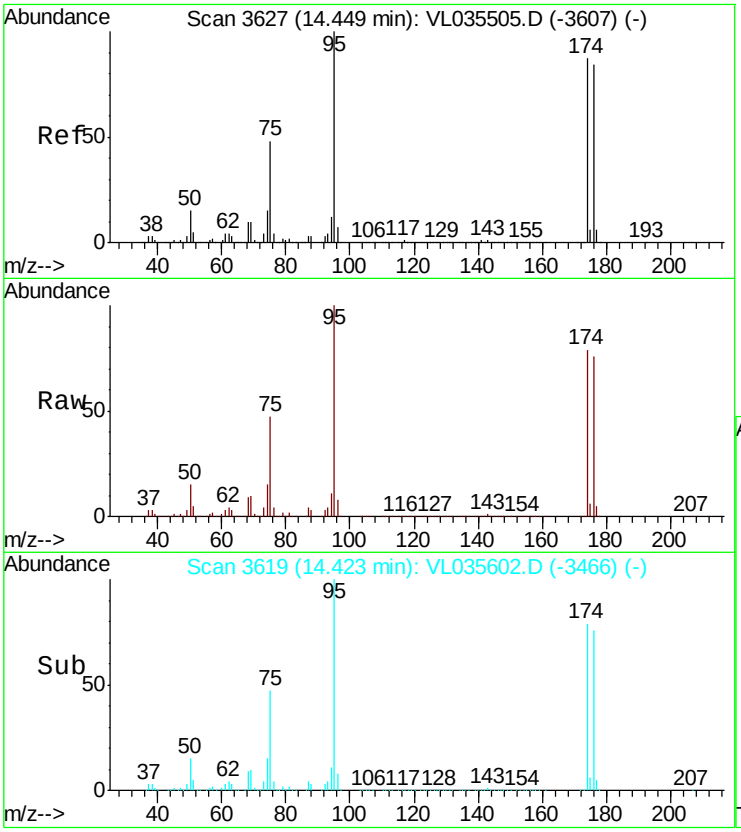


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. -0.00 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Tgt Ion:117 Resp: 4654437

Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.6	62.4
119	35.0	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.376 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL035602.D
Acq: 14 Sep 2020 17:14

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 3429649

Ion	Ratio	Lower	Upper
95	100		
174	80.9	69.6	104.4
175	5.9	5.1	7.7