Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL091420\
Data File : VL035617.D
Acq On : 15 Sep 2020 2:41
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VIBLK

Quant Time: Sep 15 06:45:26 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	5.65	49	990092	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	4309561	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4354643	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3190702	10.32	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.20%			
Target Compounds						Qvalue
15) Acetone	3.86	43	18822	0.172	ppbv #	30
20) Methylene Chloride	4.33	84	7431	0.091	ppbv	89
38) Trichloroethene	7.82	130	6171	0.038	ppbv #	80
39) 1,2-Dichloropropane	7.16	63	778649	8.263	ppbv #	33
52) Tetrachloroethene	11.21	164	45684	0.280	ppbv	88

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

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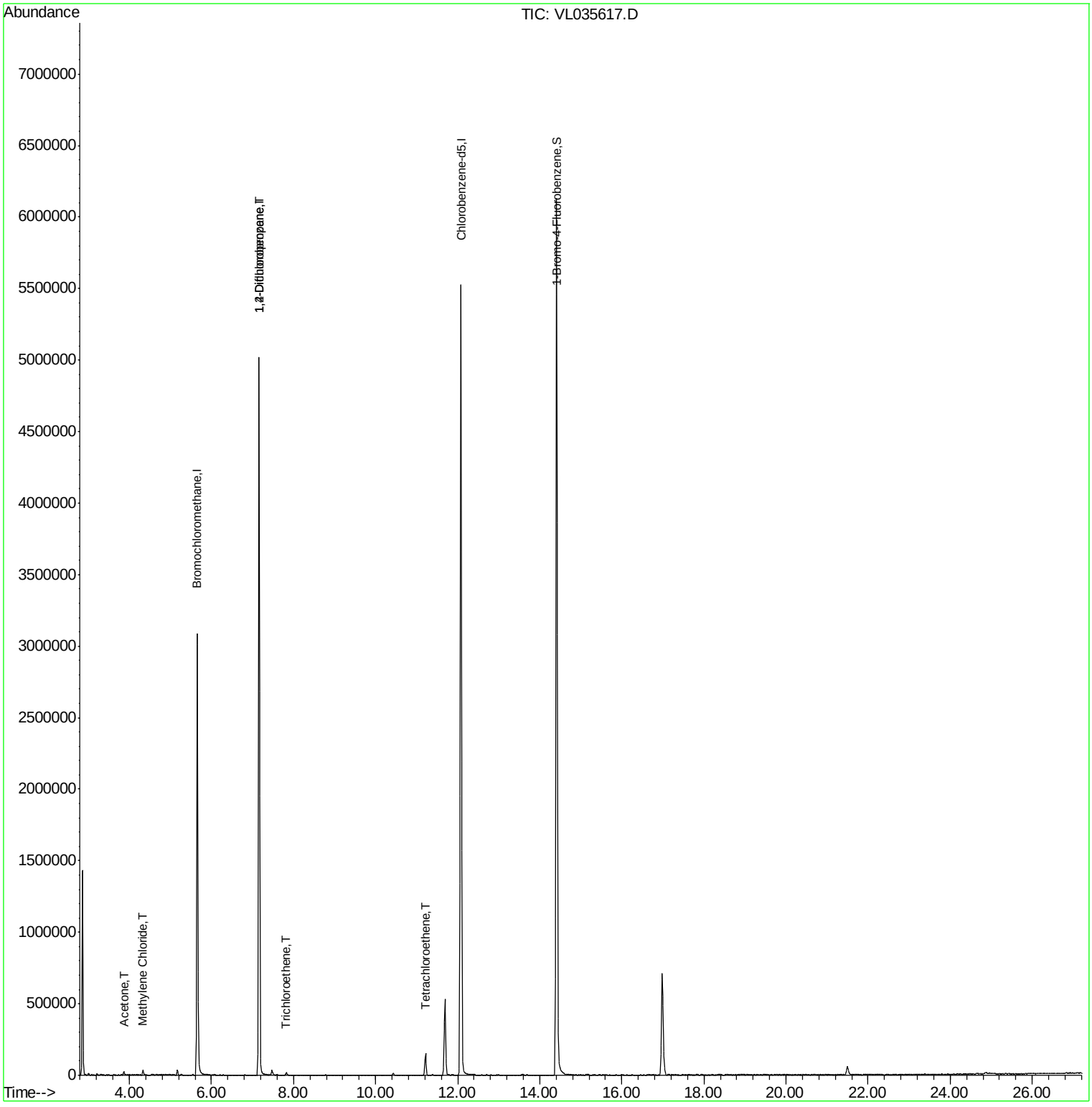
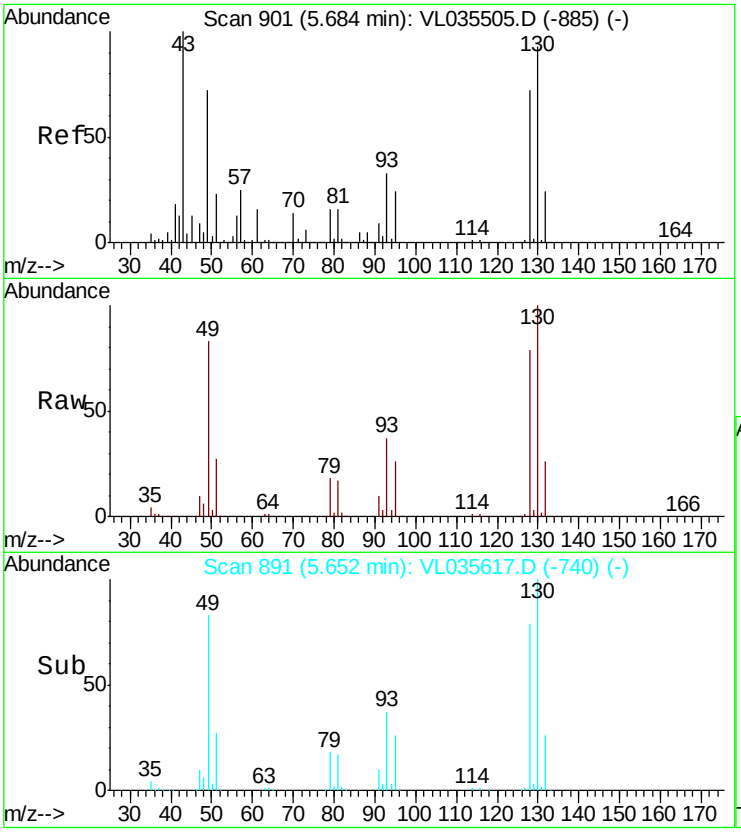


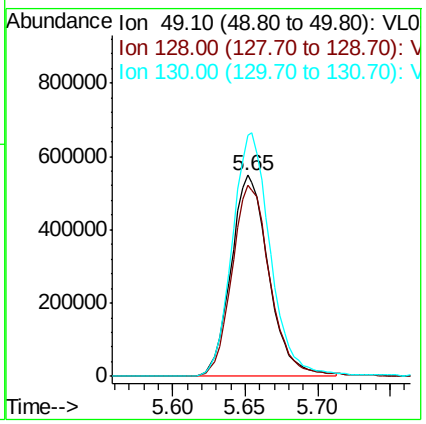


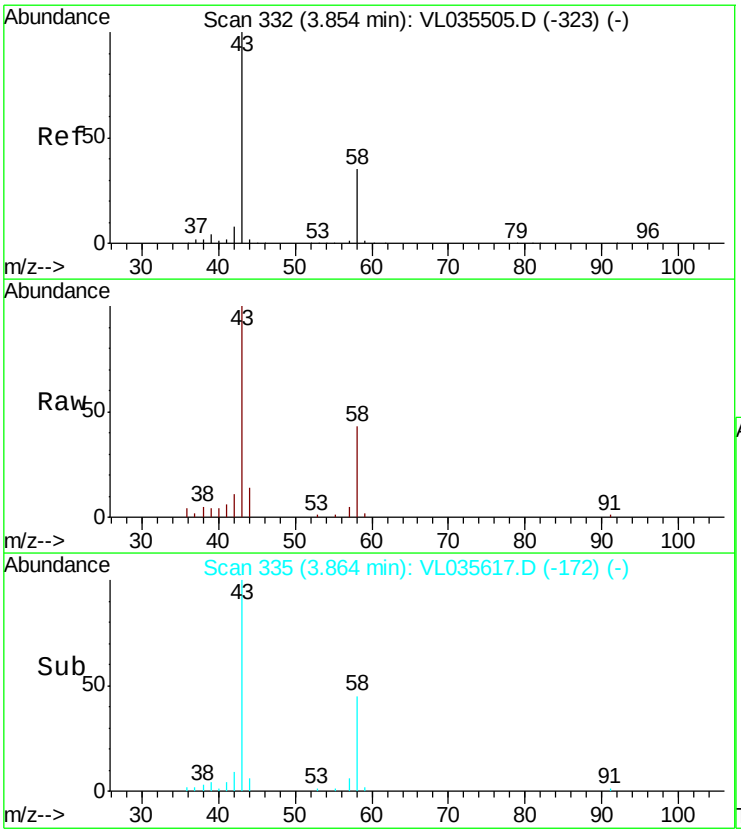
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 49 Resp: 990092

Ion	Ratio	Lower	Upper
49	100		
128	96.8	50.0	150.1
130	124.0	64.4	193.2

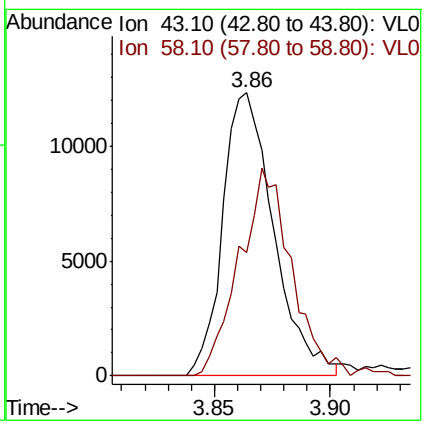


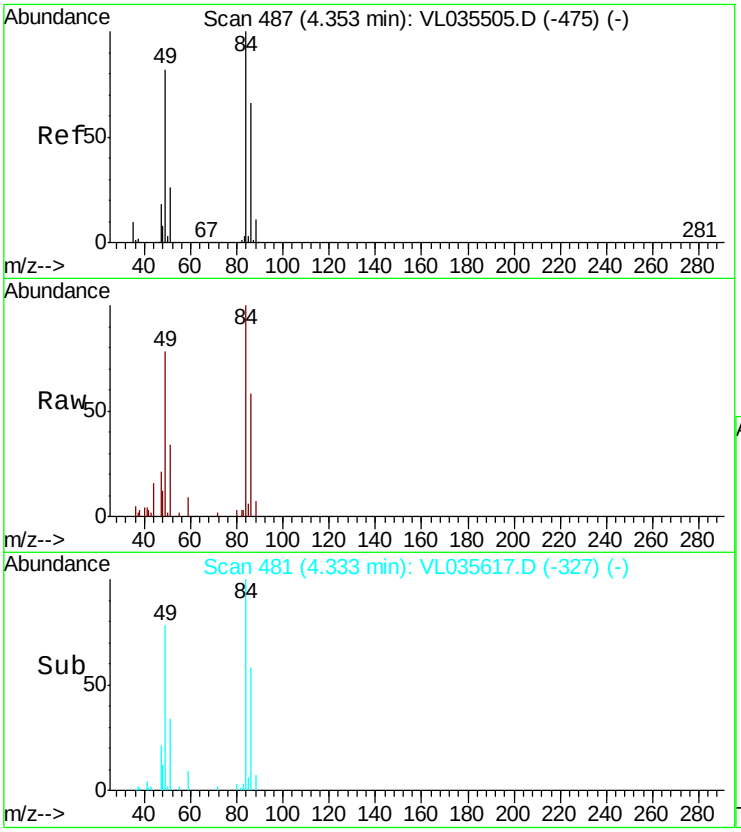


#15
Acetone
Concen: 0.172 ppbv
RT: 3.86 min Scan# 335
Delta R.T. 0.03 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Tgt Ion: 43 Resp: 18822

Ion	Ratio	Lower	Upper
43	100		
58	76.1	28.4	42.6#



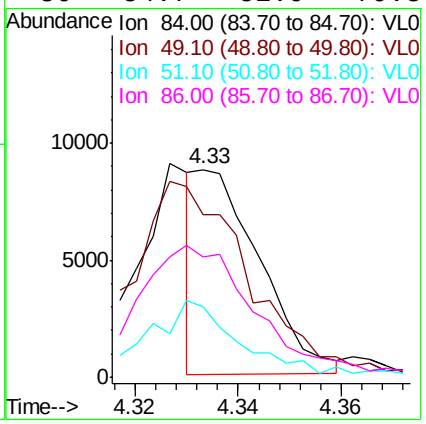


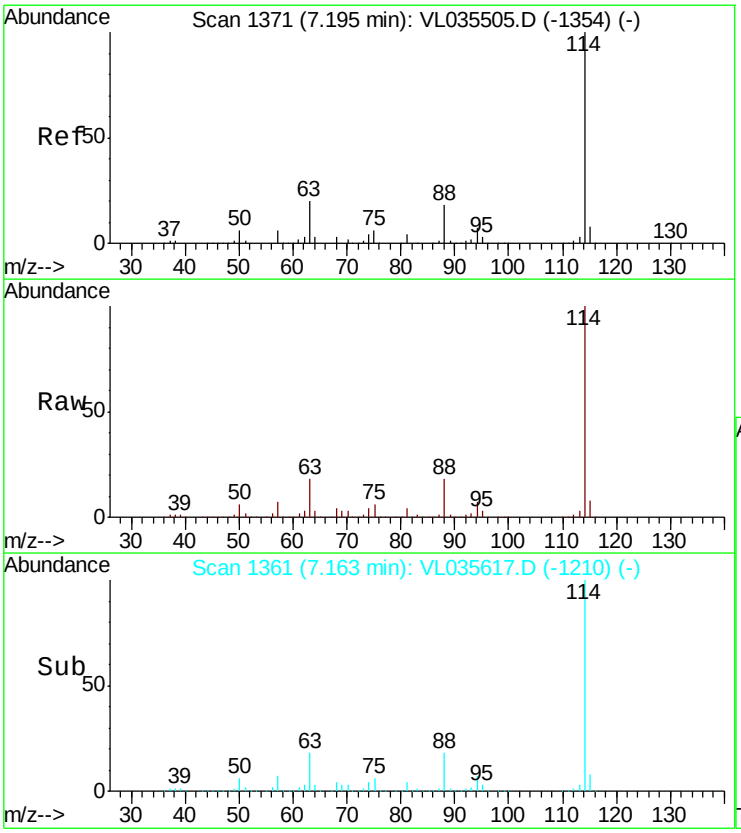
#20
Methylene Chloride
Concen: 0.091 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.00 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion: 84 Resp: 7431

Ion	Ratio	Lower	Upper
84	100		
49	73.9	65.4	98.0
51	31.5	21.5	32.3
86	54.7	52.9	79.3

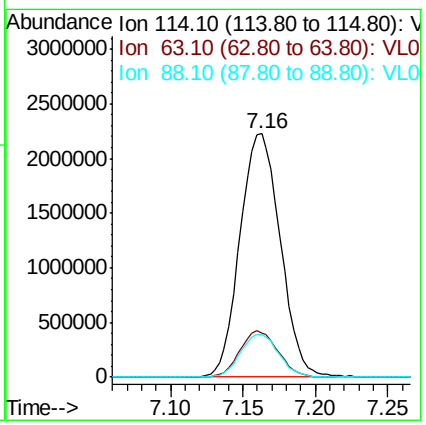


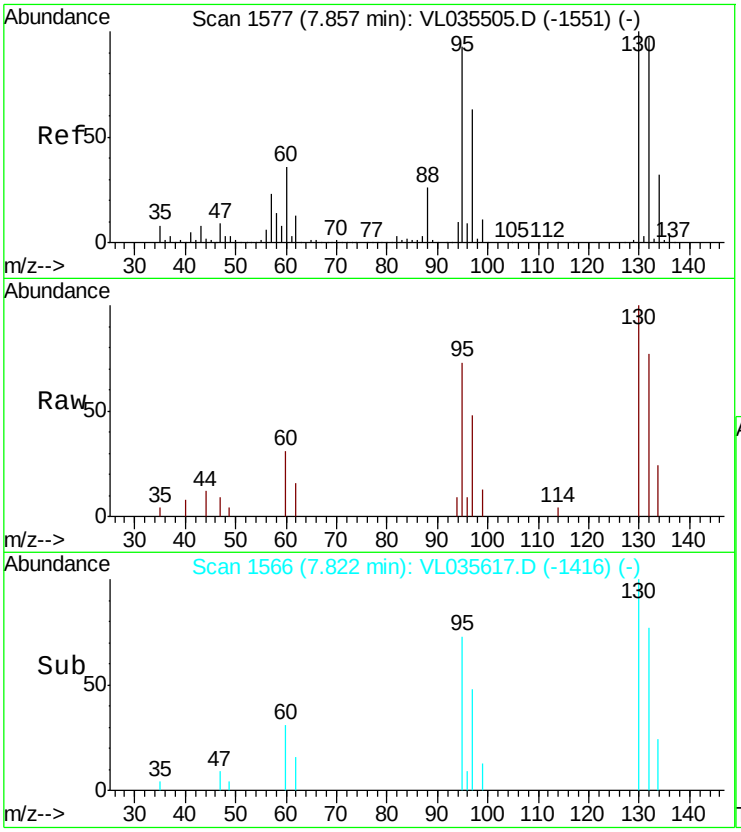


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Tgt Ion:114 Resp: 4309561

Ion	Ratio	Lower	Upper
114	100		
63	18.1	14.7	22.1
88	16.9	13.4	20.2



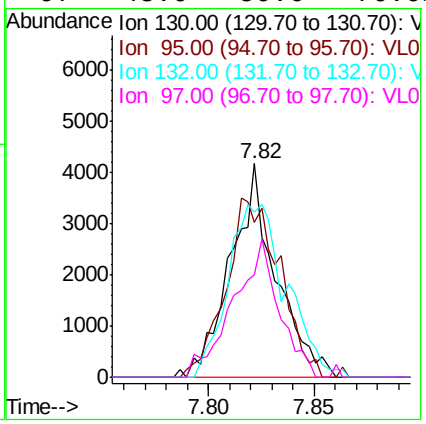


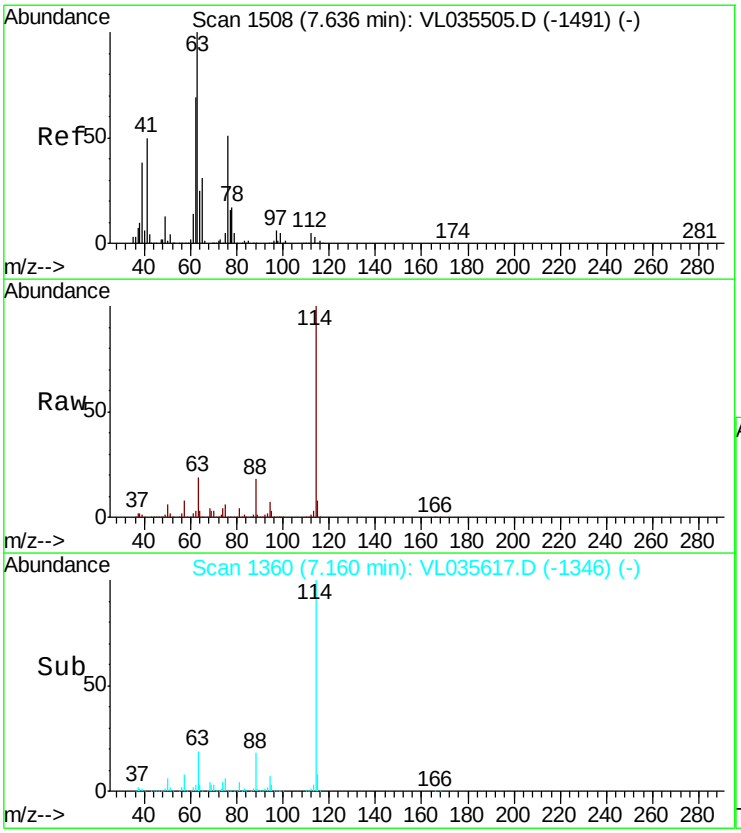
#38
Trichloroethene
Concen: 0.038 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:130 Resp: 6171

Ion	Ratio	Lower	Upper
130	100		
95	72.5	74.6	112.0#
132	77.5	77.6	116.4#
97	48.0	50.6	76.0#

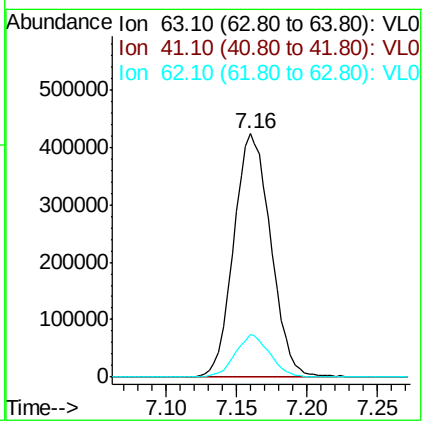


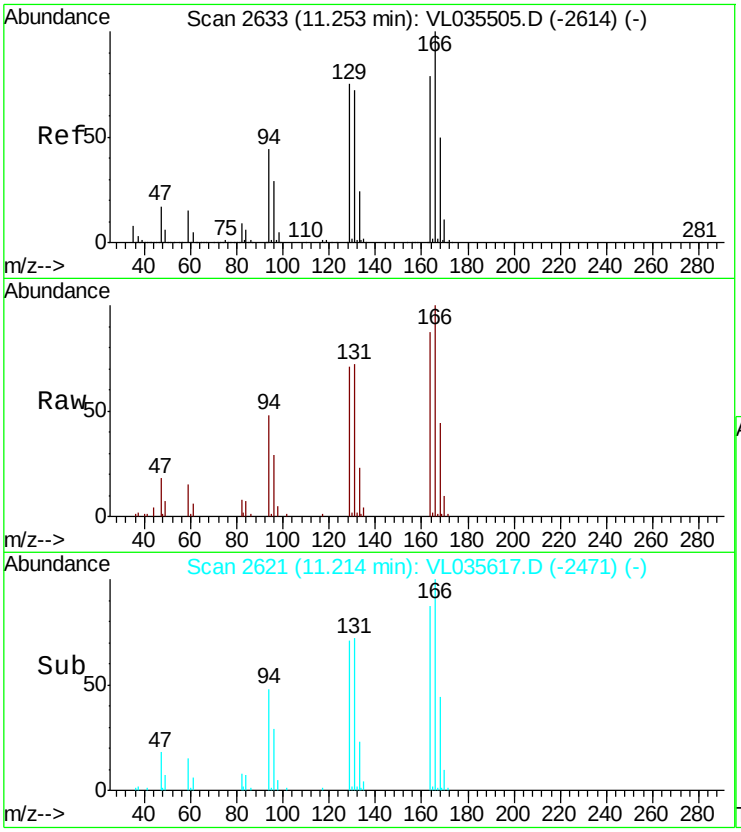


#39
1,2-Dichloropropane
Concen: 8.263 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.45 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Tgt Ion: 63 Resp: 778649

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.6	55.4	83.0#



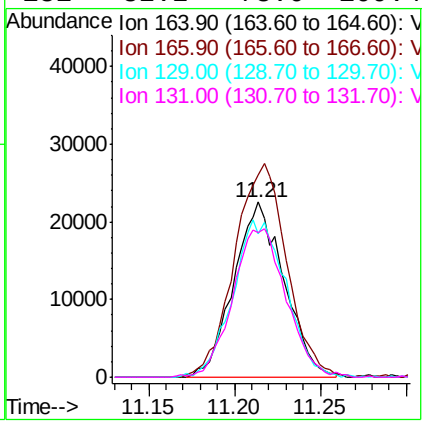


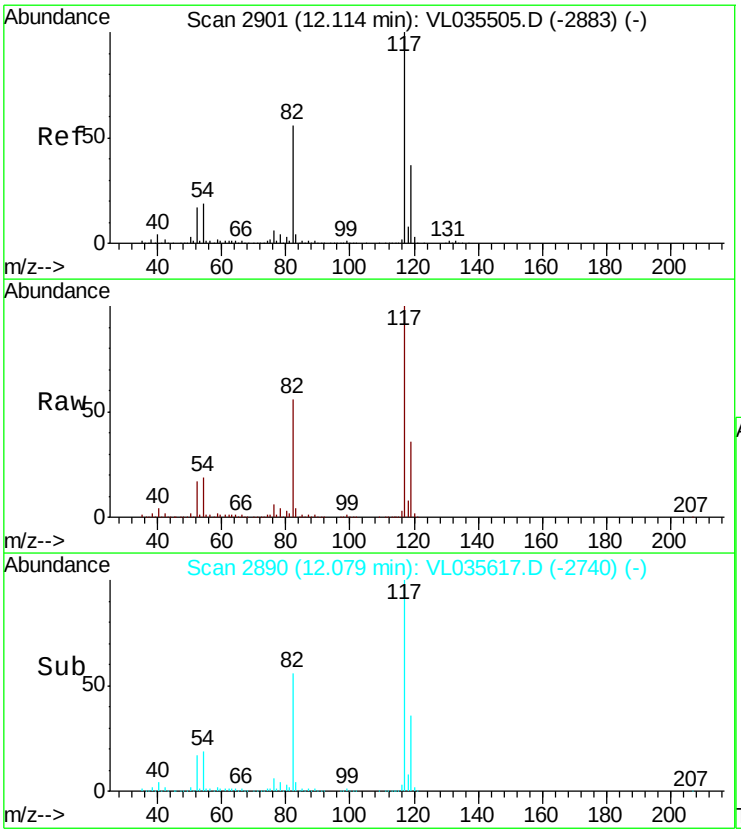
#52
Tetrachloroethene
Concen: 0.280 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument : MSVOA_L
ClientSampleId : VIBLK

Tgt Ion:164 Resp: 45684

Ion	Ratio	Lower	Upper
164	100		
166	113.4	100.9	151.3
129	79.8	75.3	112.9
131	82.2	73.0	109.4

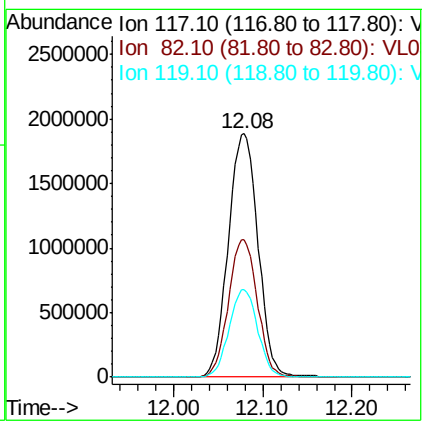


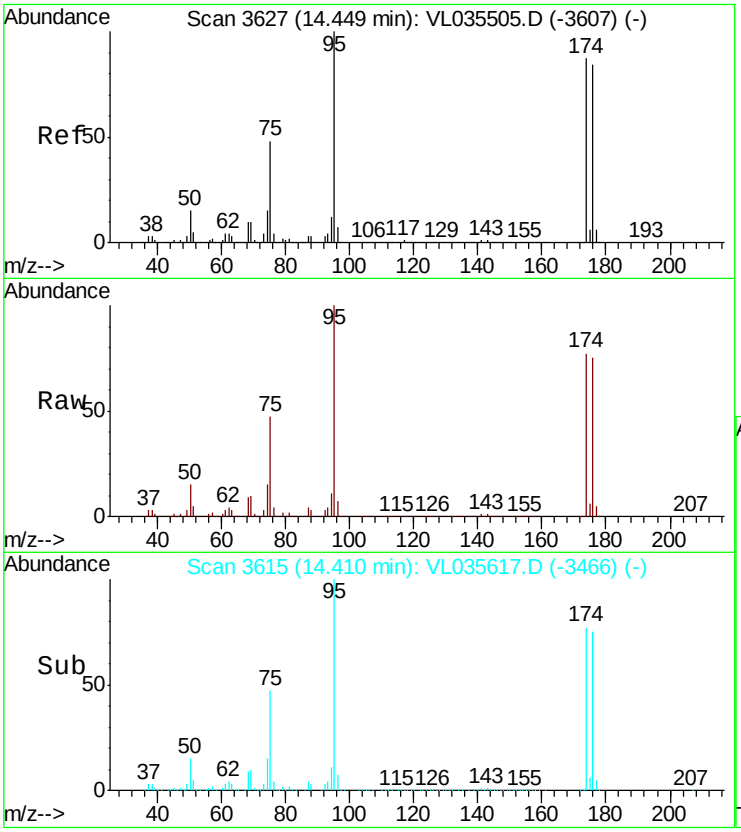


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Tgt Ion:117 Resp: 4354643

Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.6	62.4
119	34.8	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.318 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035617.D
Acq: 15 Sep 2020 2:41

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 3190702

Ion	Ratio	Lower	Upper
95	100		
174	81.0	69.6	104.4
175	5.8	5.1	7.7