Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101620\
Data File : VL035787.D
Acq On : 16 Oct 2020 15:53
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Oct 17 03:23:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1128116	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4083582	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4019834	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3018131	10.02	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.20%			
Target Compounds						Qvalue
13) Ethanol	3.61	45	895	0.082	ppbv #	38
15) Acetone	3.86	43	22486	0.185	ppbv #	41
20) Methylene Chloride	4.33	84	34117	0.383	ppbv	94
26) Hexane	5.68	57	3857	0.032	ppbv #	47
30) Cyclohexane	7.15	84	7893	0.067	ppbv #	7
39) 1,2-Dichloropropane	7.17	63	814794	8.448	ppbv #	30

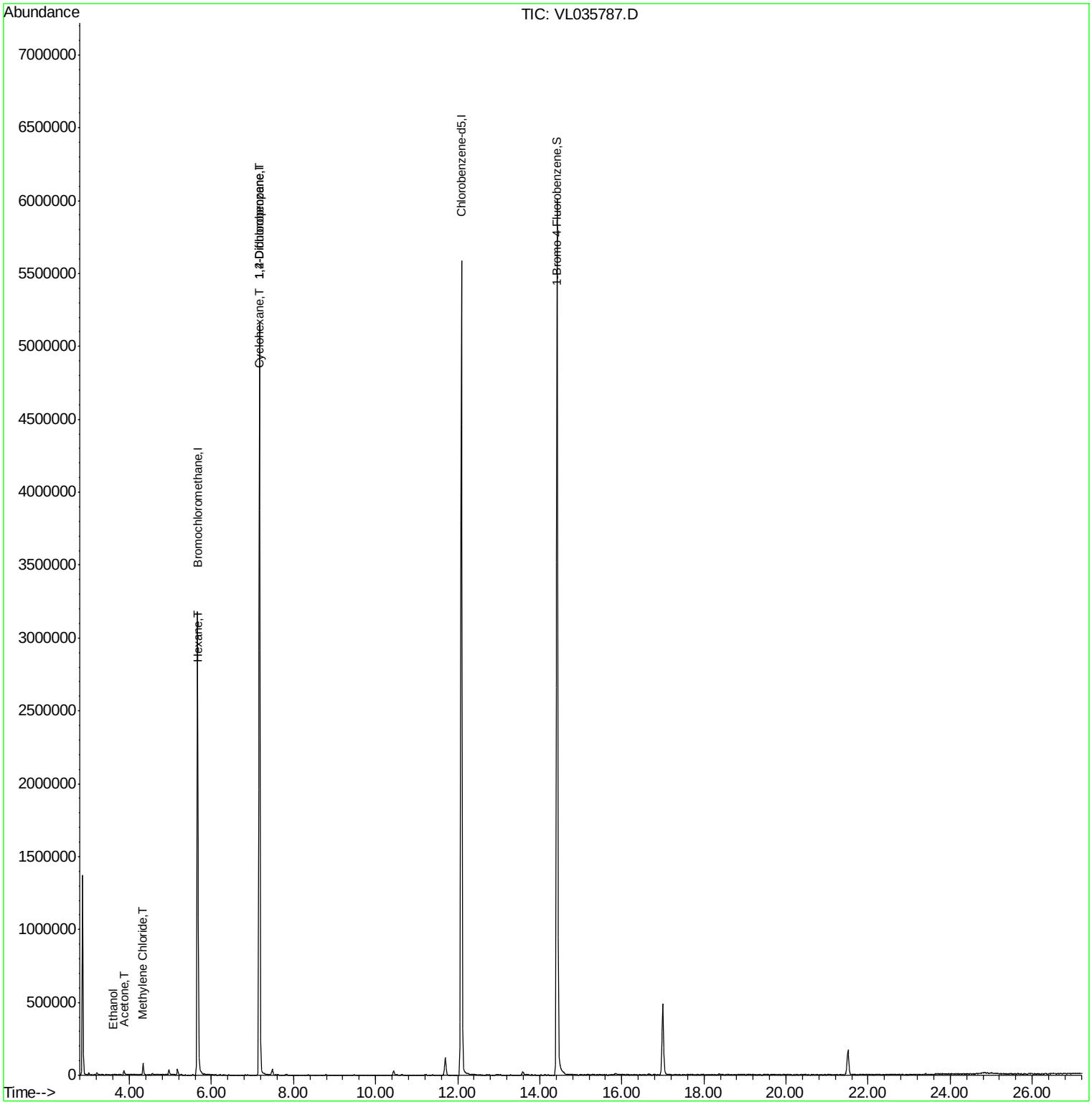
(#) = qualifier out of range (m) = manual integration (+) = signals summed

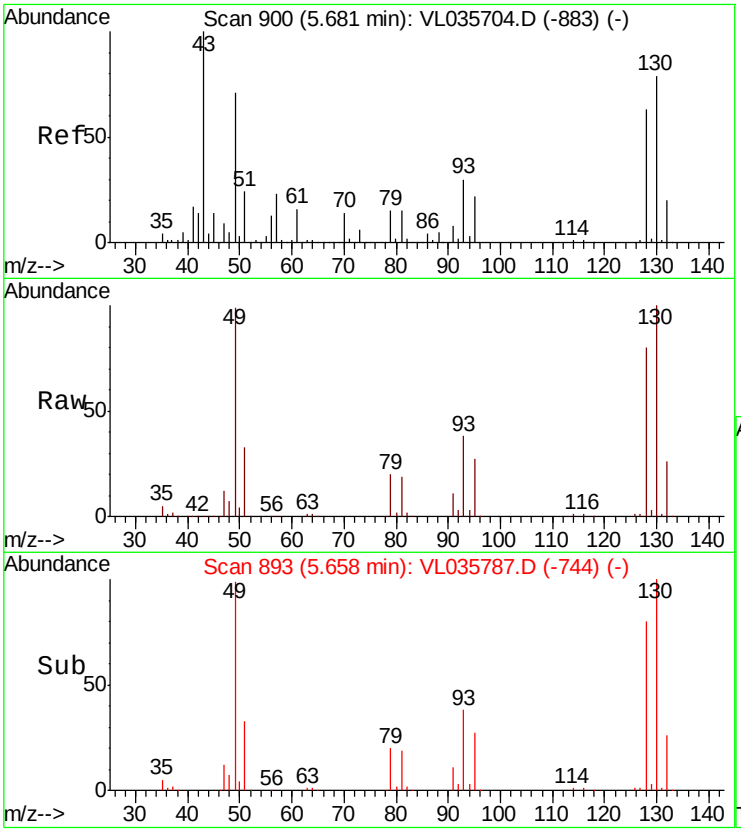
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101620\
Data File : VL035787.D
Acq On : 16 Oct 2020 15:53
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Oct 17 03:23:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration



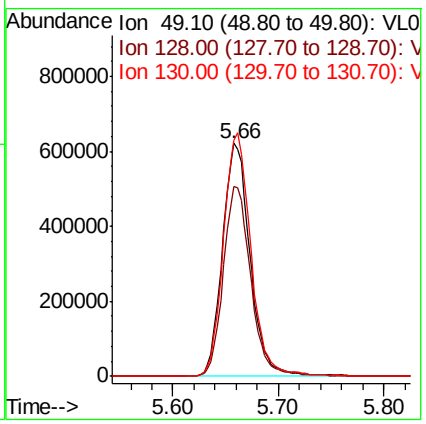


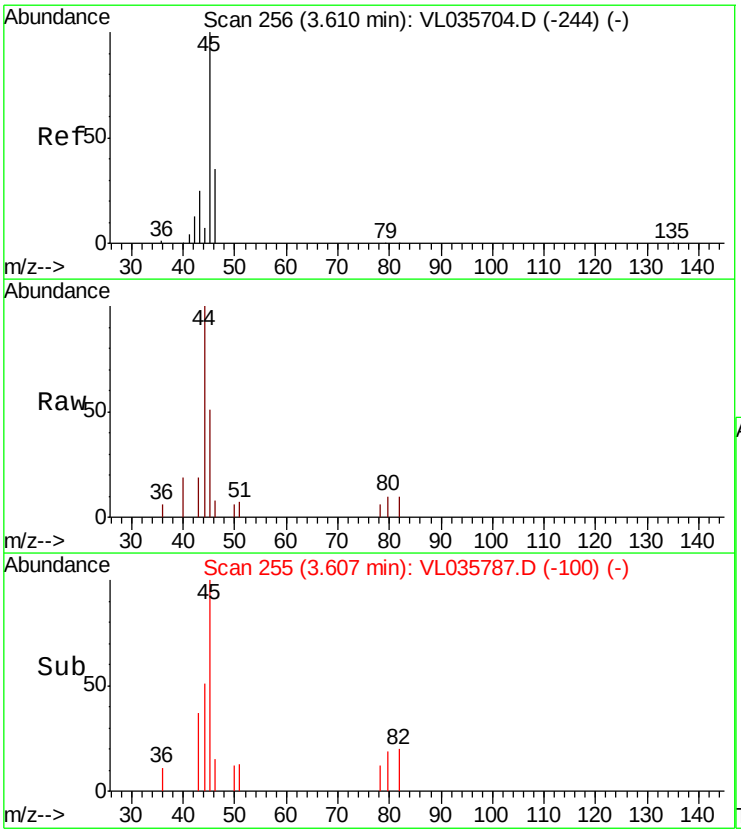
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1128116

Ion	Ratio	Lower	Upper
49	100		
128	81.4	43.1	129.4
130	104.0	54.9	164.7

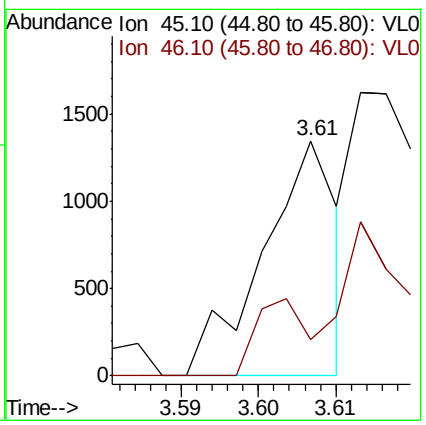


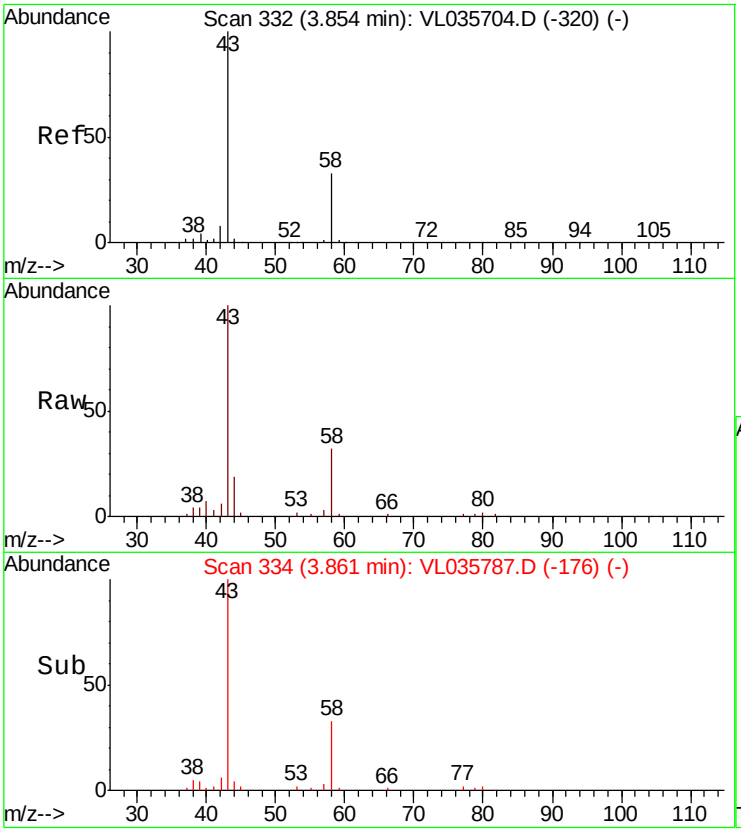


#13
Ethanol
Concen: 0.082 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 45 Resp: 895

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.7	58.7#



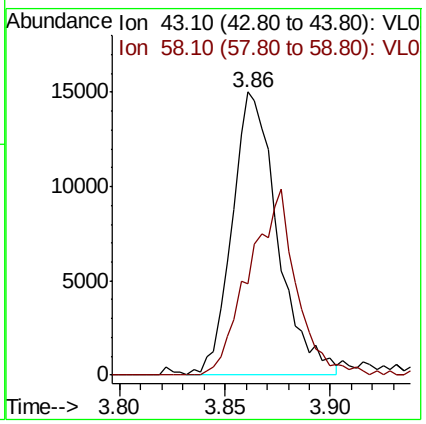


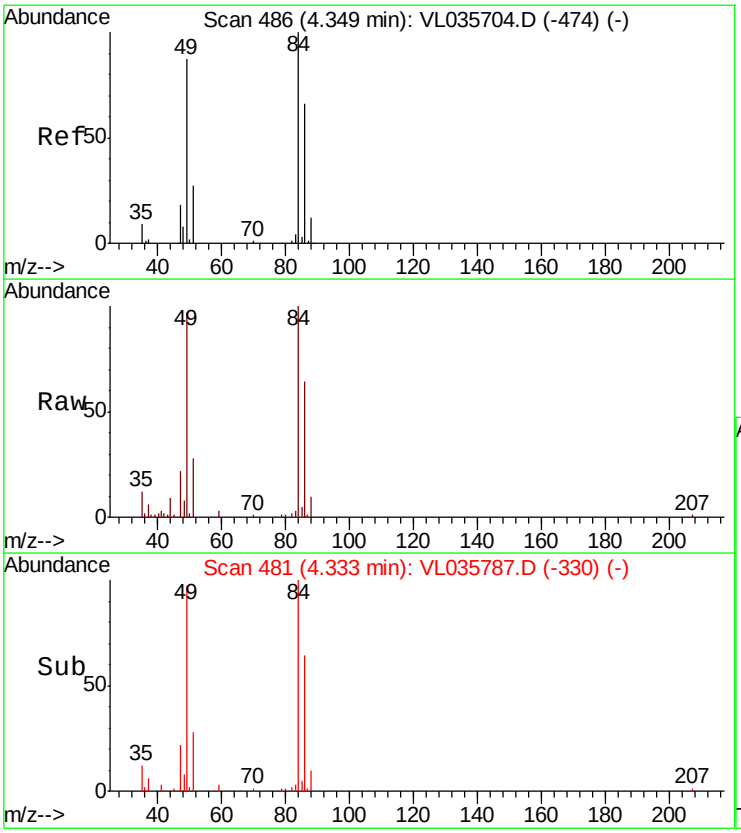
#15
Acetone
Concen: 0.185 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 22486

Ion	Ratio	Lower	Upper
43	100		
58	67.9	27.3	40.9#

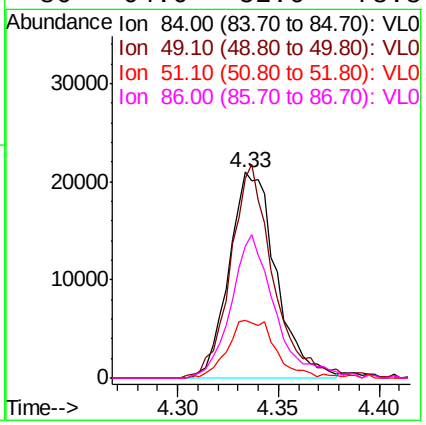


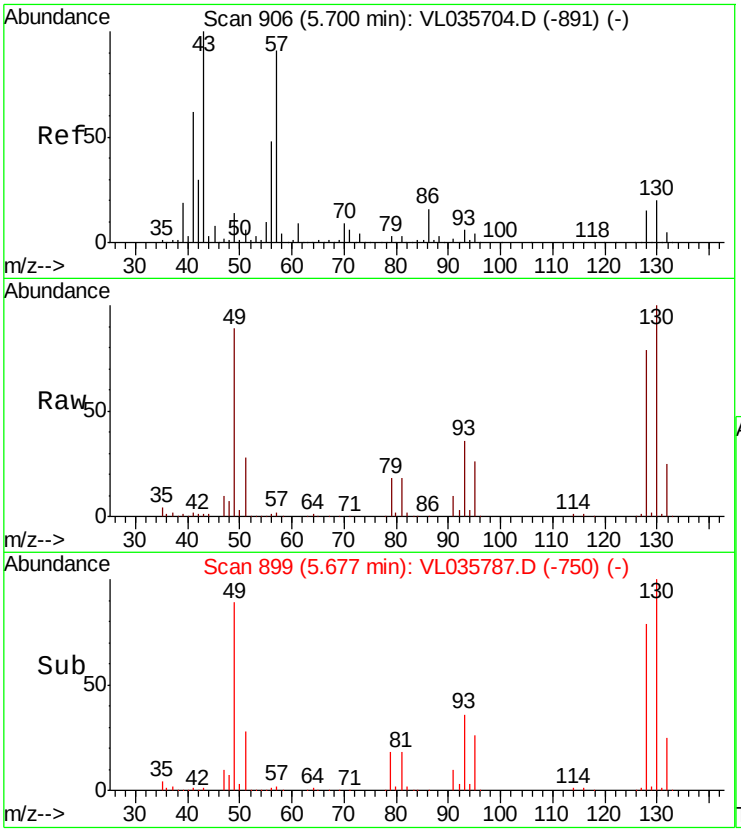


#20
Methylene Chloride
Concen: 0.383 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 84 Resp: 34117

Ion	Ratio	Lower	Upper
84	100		
49	96.1	69.8	104.6
51	28.3	21.8	32.8
86	64.0	52.6	78.8



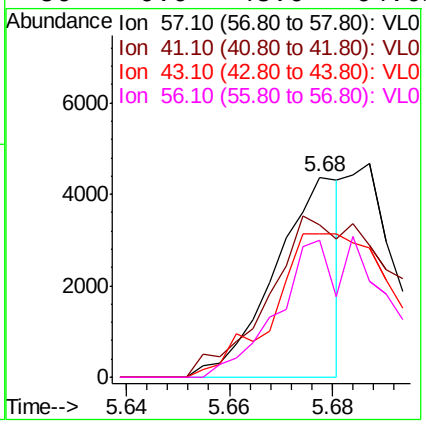


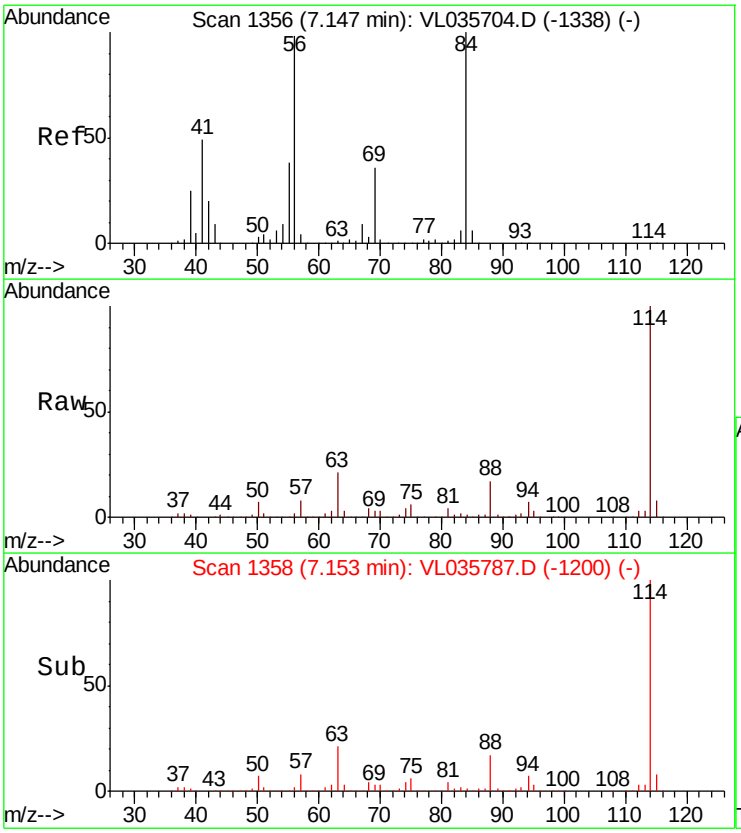
#26
Hexane
Concen: 0.032 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 3857

Ion	Ratio	Lower	Upper
57	100		
41	156.4	57.9	86.9#
43	140.0	143.8	215.6#
56	0.0	43.0	64.6#

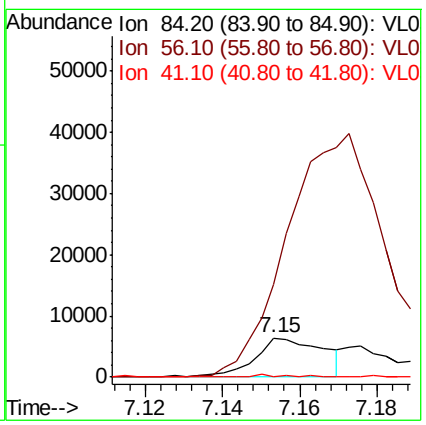


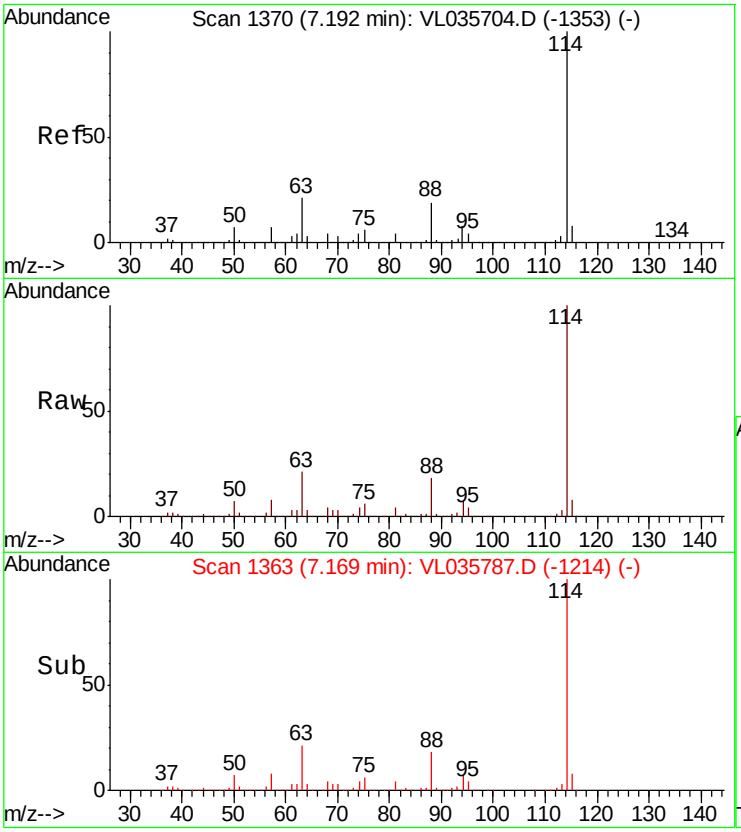


#30
Cyclohexane
Concen: 0.067 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 84 Resp: 7893

Ion	Ratio	Lower	Upper
84	100		
56	0.0	84.6	127.0#
41	0.0	41.1	61.7#



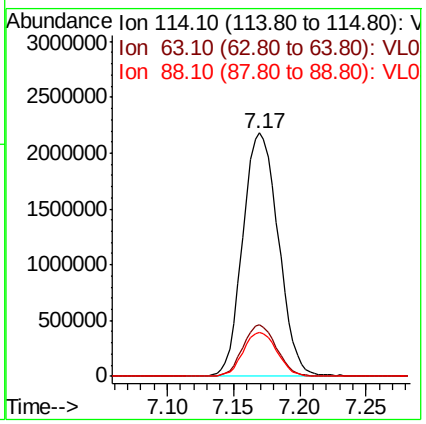


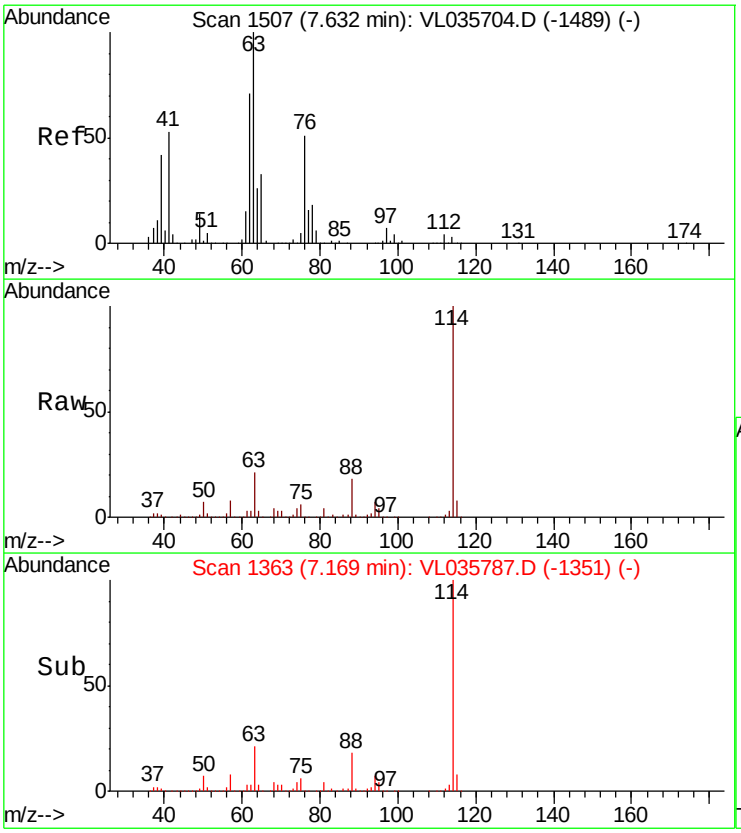
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 4083582

Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.4	14.1	21.1

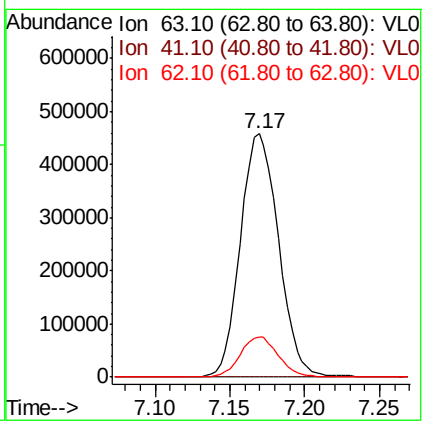


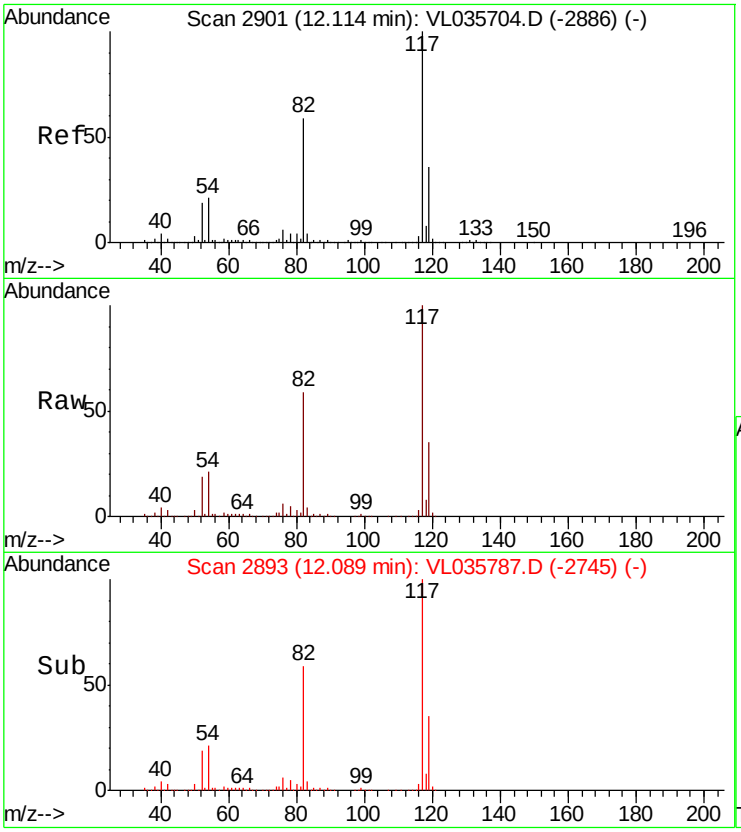


#39
1,2-Dichloropropane
Concen: 8.448 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.46 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 63 Resp: 814794

Ion	Ratio	Lower	Upper
63	100		
41	0.0	42.6	63.8#
62	16.5	56.5	84.7#



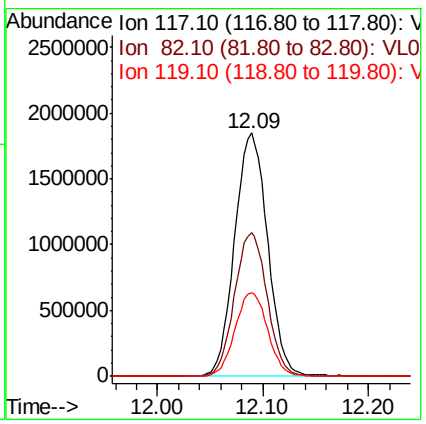


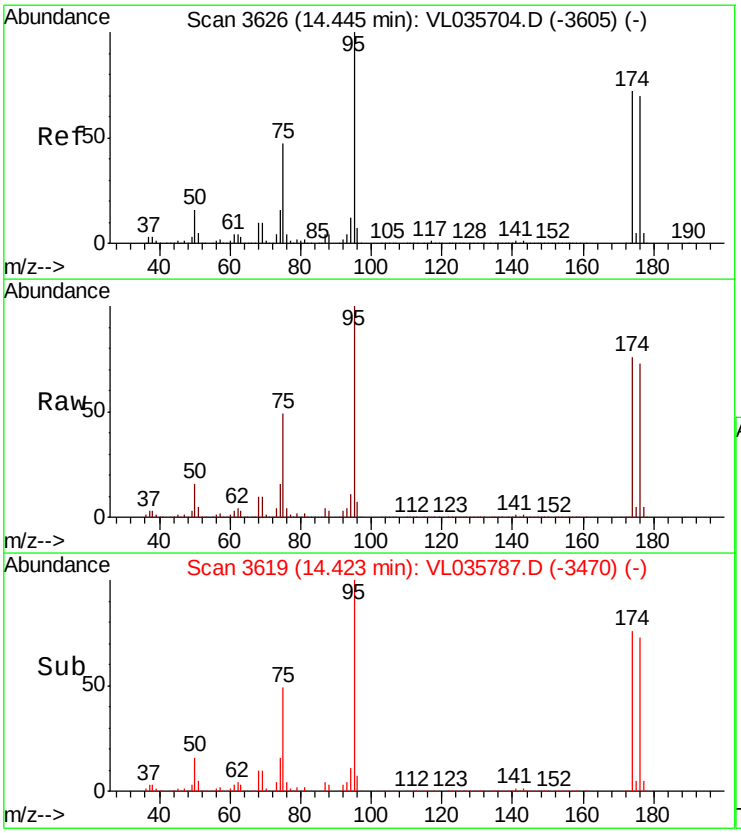
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4019834

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.1	69.1
119	34.2	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.020 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 95 Resp: 3018131

Ion	Ratio	Lower	Upper
95	100		
174	76.7	59.6	89.4
175	5.5	4.2	6.4