Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092320\
Data File : VL035721.D
Acq On : 23 Sep 2020 16:27
Operator : SY/AP
Sample : QC092220 CAN 10258
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC092220 CAN 10258

Quant Time: Sep 24 08:27:25 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	5.68	49	1048529	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3900278	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3913698	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2872418	9.79	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.90%			
Target Compounds						Qvalue
9) Propene	3.02	41	2267	0.055	ppbv #	78
15) Acetone	3.88	43	19512	0.173	ppbv #	4
20) Methylene Chloride	4.35	84	7079	0.085	ppbv	92
30) Cyclohexane	7.18	84	6681	0.061	ppbv #	7
39) 1,2-Dichloropropane	7.19	63	758417	8.233	ppbv #	31

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

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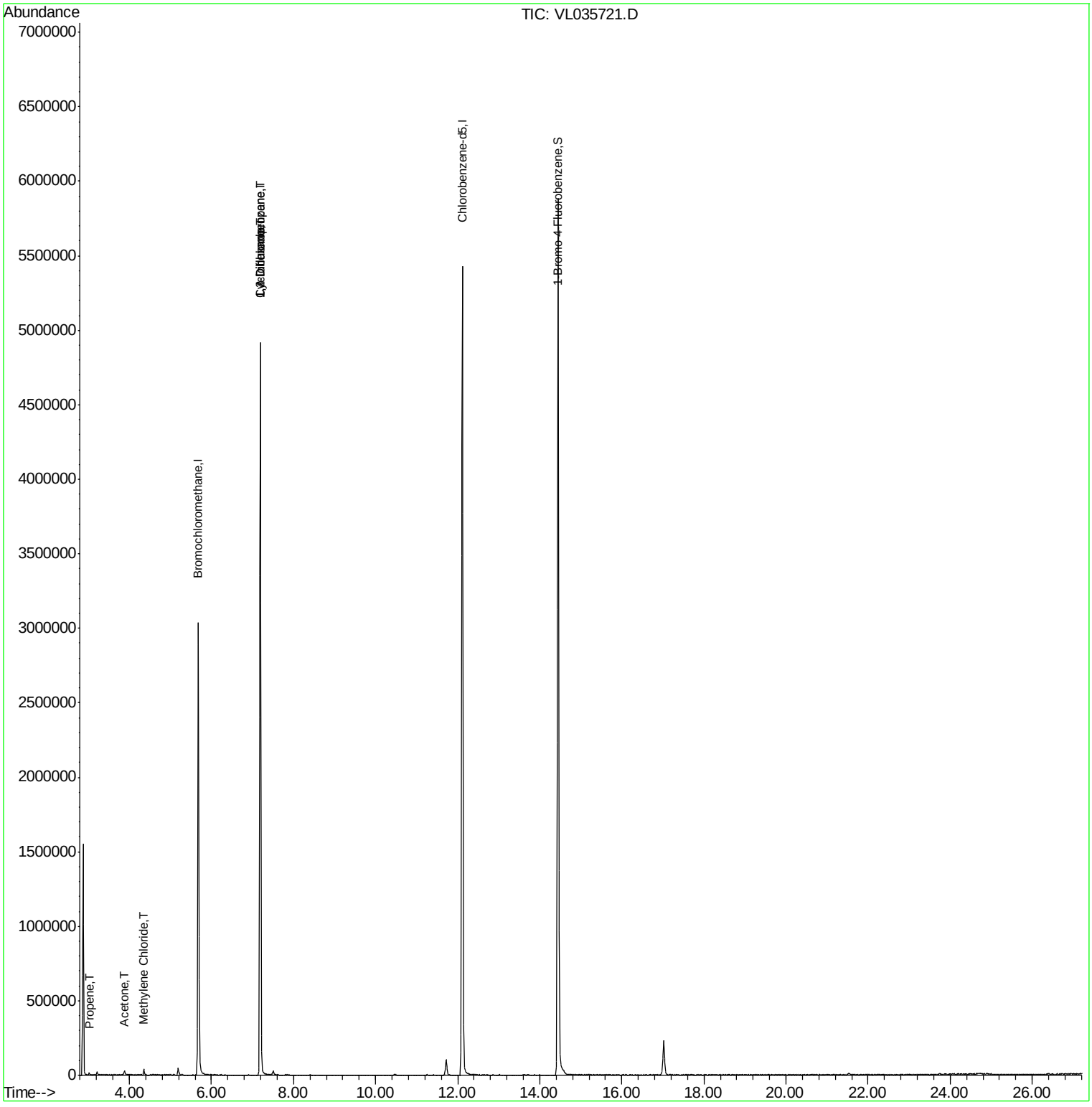
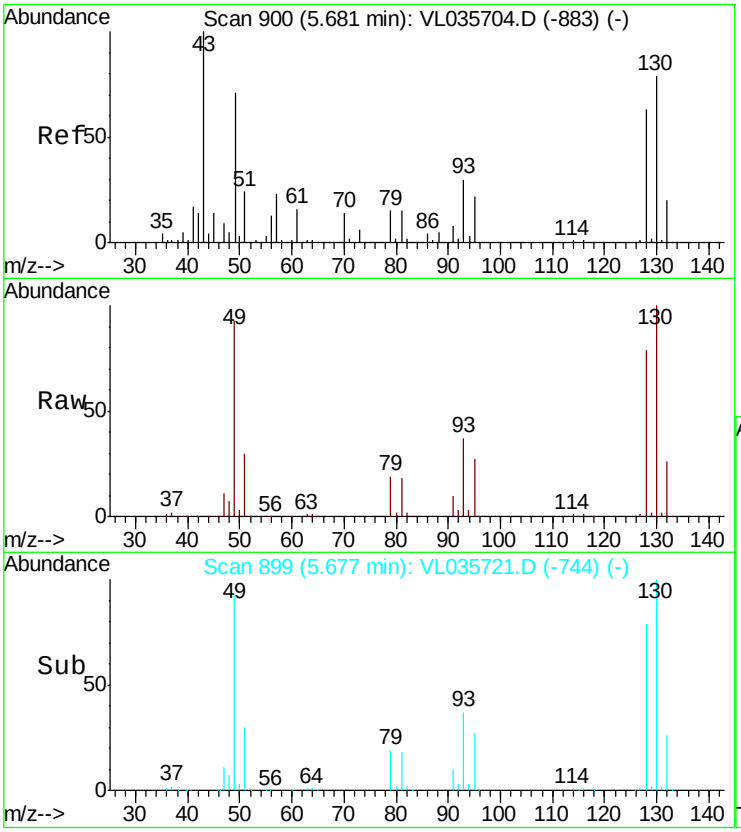


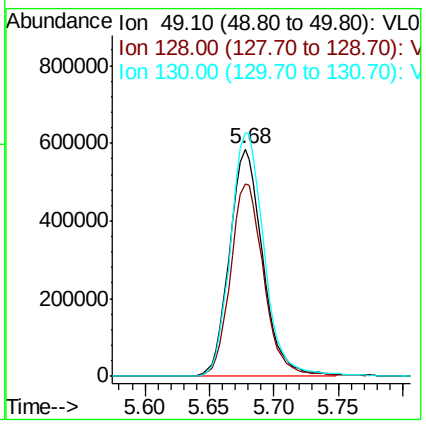


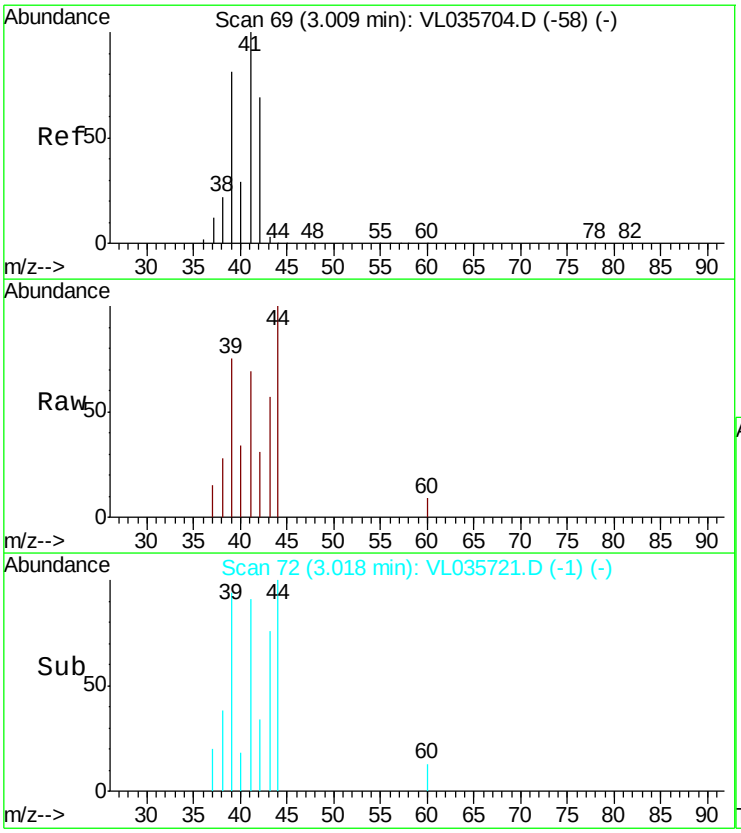
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.00 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Instrument :
MSVOA_L
ClientSampleId :
QC092220 CAN 10258

Tgt Ion: 49 Resp: 1048529

Ion	Ratio	Lower	Upper
49	100		
128	85.1	43.1	129.4
130	109.3	54.9	164.7

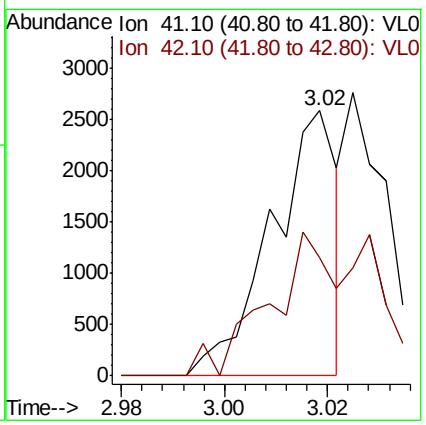


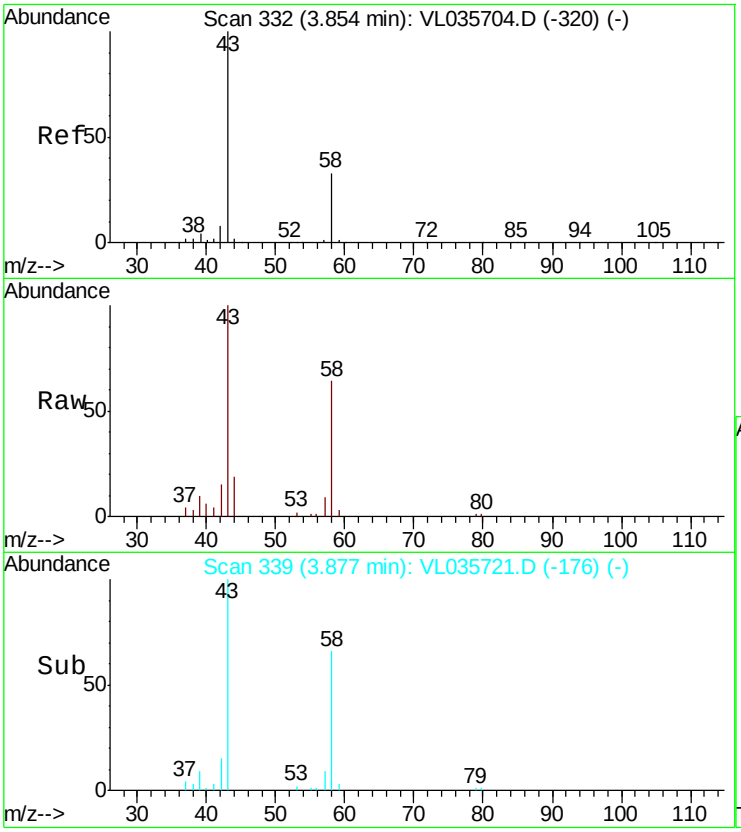


#9
Propene
Concen: 0.055 ppbv
RT: 3.02 min Scan# 72
Delta R.T. 0.01 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Tgt Ion: 41 Resp: 2267

Ion	Ratio	Lower	Upper
41	100		
42	88.5	56.2	84.4#



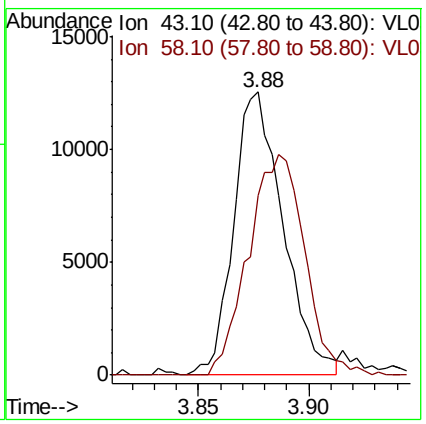


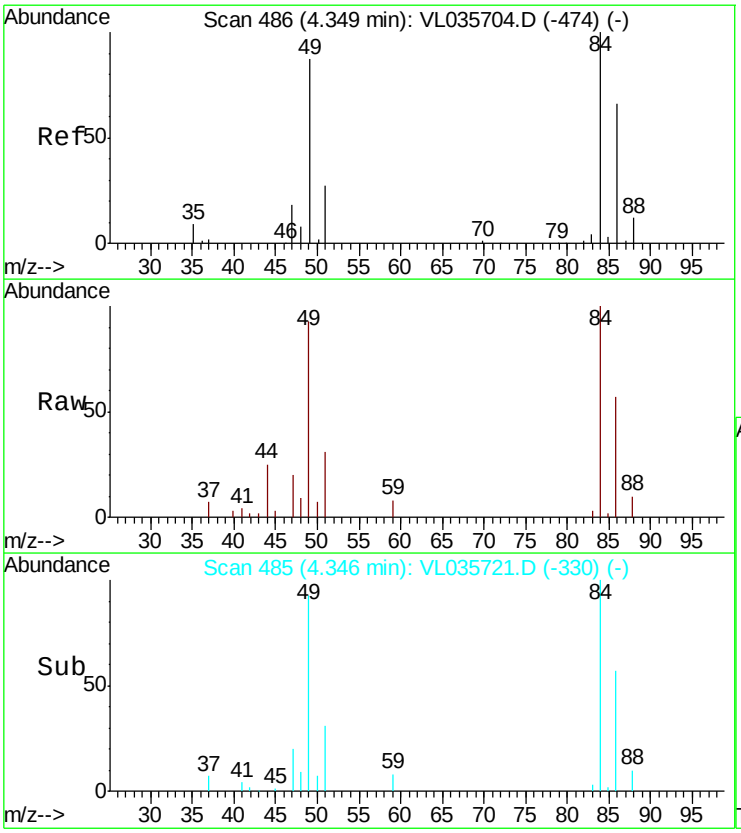
#15
Acetone
Concen: 0.173 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.02 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Instrument : MSVOA_L
ClientSampleId : QC092220 CAN 10258

Tgt Ion: 43 Resp: 19512

Ion	Ratio	Lower	Upper
43	100		
58	89.4	27.3	40.9#

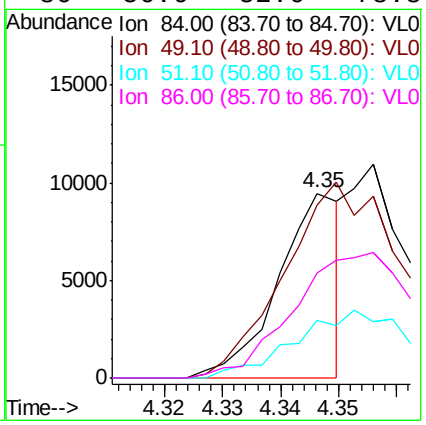


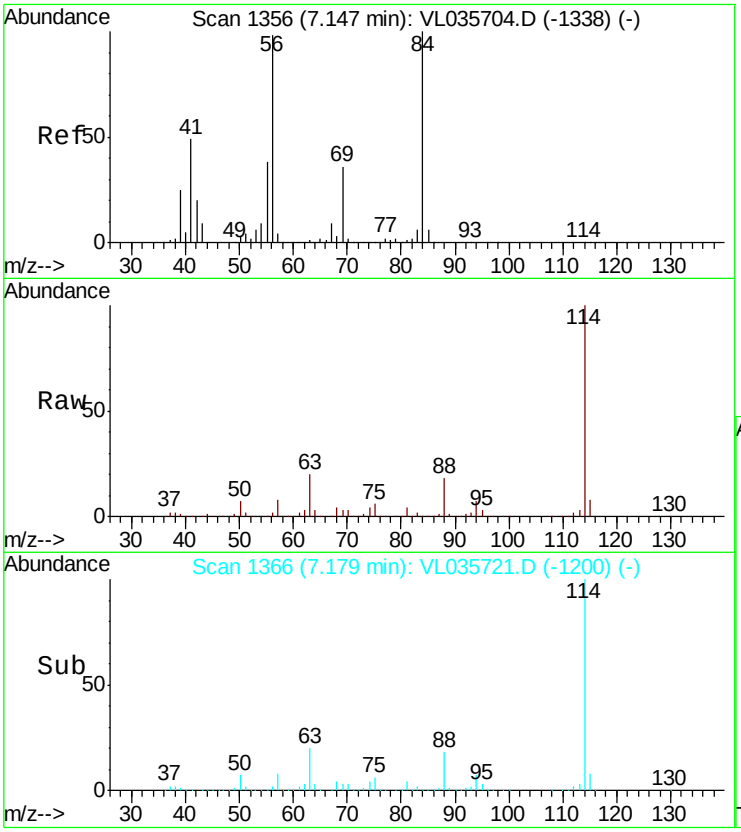


#20
Methylene Chloride
Concen: 0.085 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Tgt Ion: 84 Resp: 7079

Ion	Ratio	Lower	Upper
84	100		
49	93.2	69.8	104.6
51	31.4	21.8	32.8
86	56.6	52.6	78.8



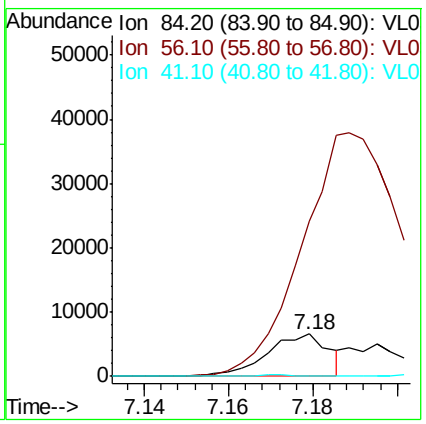


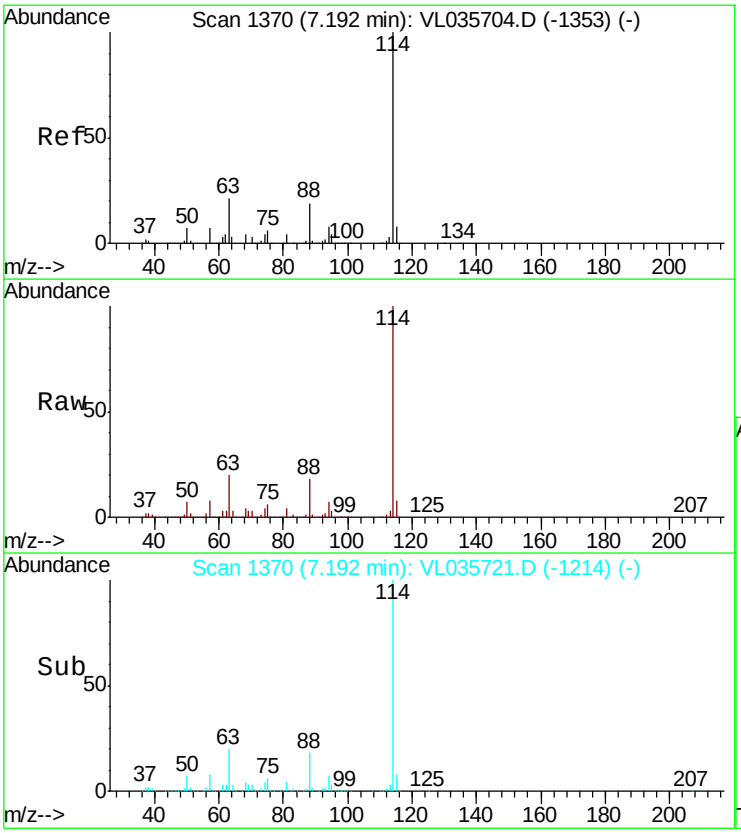
#30
Cyclohexane
Concen: 0.061 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Instrument :
MSVOA_L
ClientSampleId :
QC092220 CAN 10258

Tgt Ion: 84 Resp: 6681

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

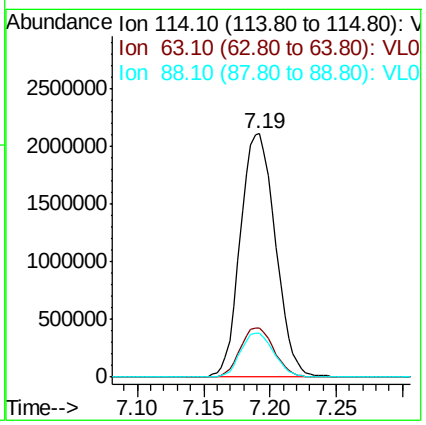


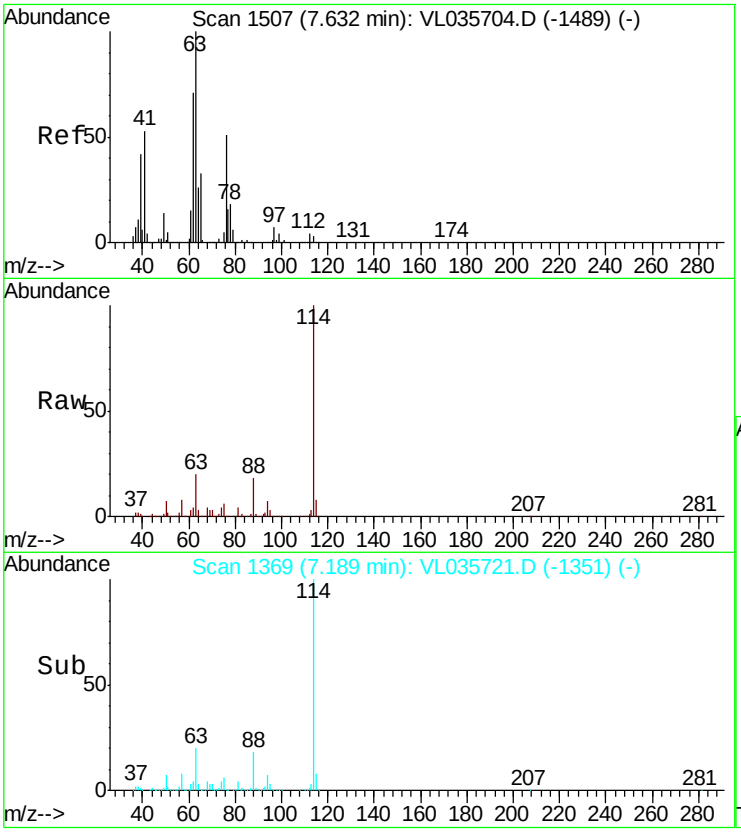


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Tgt Ion:114 Resp: 3900278

Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.1	24.1
88	17.3	14.1	21.1



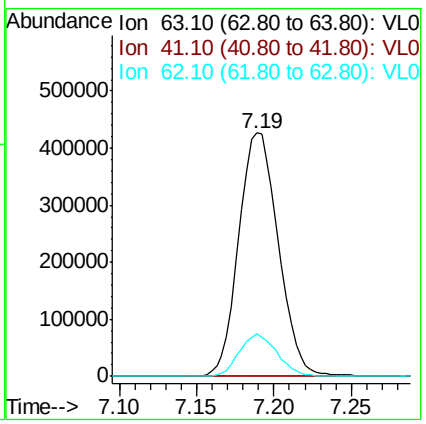


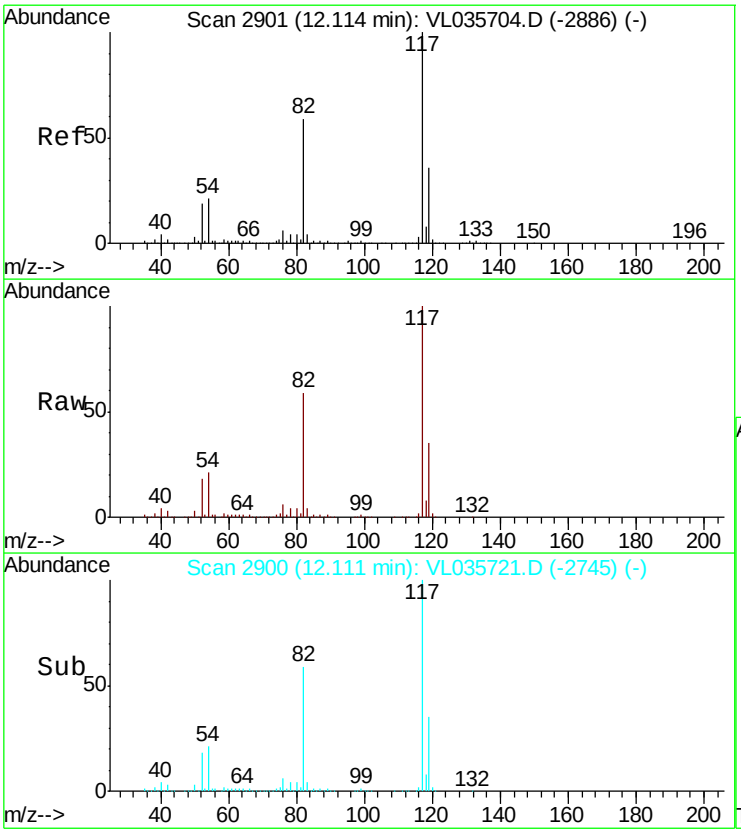
#39
1,2-Dichloropropane
Concen: 8.233 ppbv
RT: 7.19 min Scan# 1369
Delta R.T. -0.44 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Instrument :
MSVOA_L
ClientSampleId :
QC092220 CAN 10258

Tgt Ion: 63 Resp: 758417

Ion	Ratio	Lower	Upper
63	100		
41	0.0	42.6	63.8#
62	17.4	56.5	84.7#

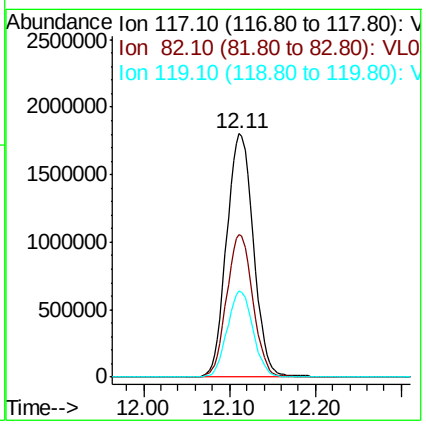


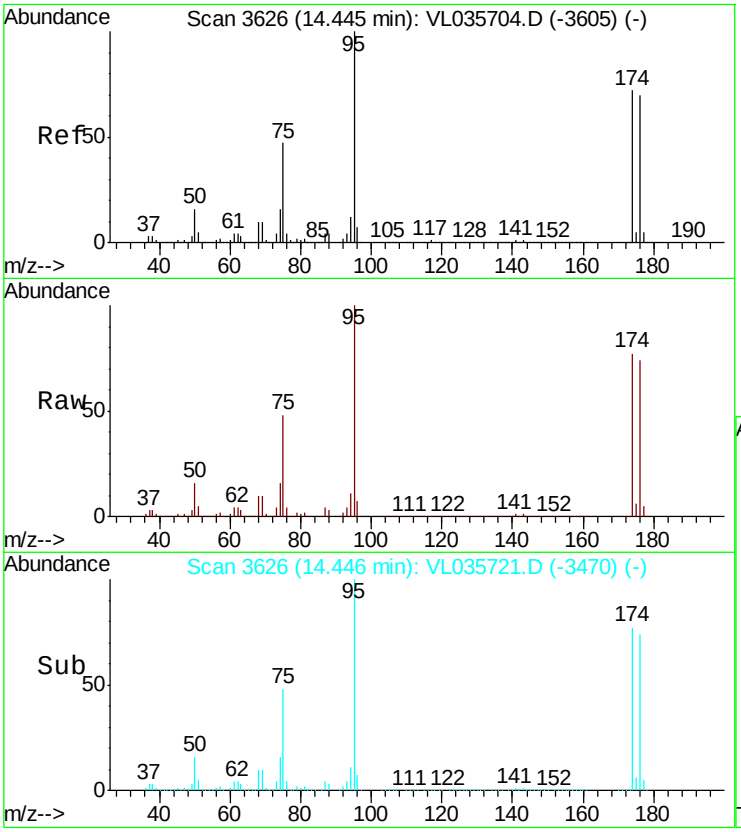


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. -0.00 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Tgt Ion:117 Resp: 3913698

Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.1	69.1
119	34.3	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.794 ppbv
RT: 14.45 min Scan# 3626
Delta R.T. 0.00 min
Lab File: VL035721.D
Acq: 23 Sep 2020 16:27

Instrument :
MSVOA_L
ClientSampleId :
QC092220 CAN 10258

Tgt Ion: 95 Resp: 2872418

Ion	Ratio	Lower	Upper
95	100		
174	78.9	59.6	89.4
175	5.6	4.2	6.4