Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035567.D
Acq On : 8 Sep 2020 22:23
Operator : SY/AP
Sample : QC090320 CAN 10323
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : QC090320 CAN 10323

Quant Time: Sep 09 02:38:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL082720AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Aug 27 06:46:28 2020
QLast Update : Thu Aug 27 06:46:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1070133	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4381628	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4445046	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	3318599	10.51	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.10%			
Target Compounds						Qvalue
9) Propene	3.01	41	1865	0.041	ppbv	85
15) Acetone	3.86	43	19697	0.167	ppbv #	19
20) Methylene Chloride	4.33	84	19962	0.227	ppbv	95
26) Hexane	5.68	57	6116	0.052	ppbv #	50
39) 1,2-Dichloropropane	7.17	63	818589	8.544	ppbv #	32

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

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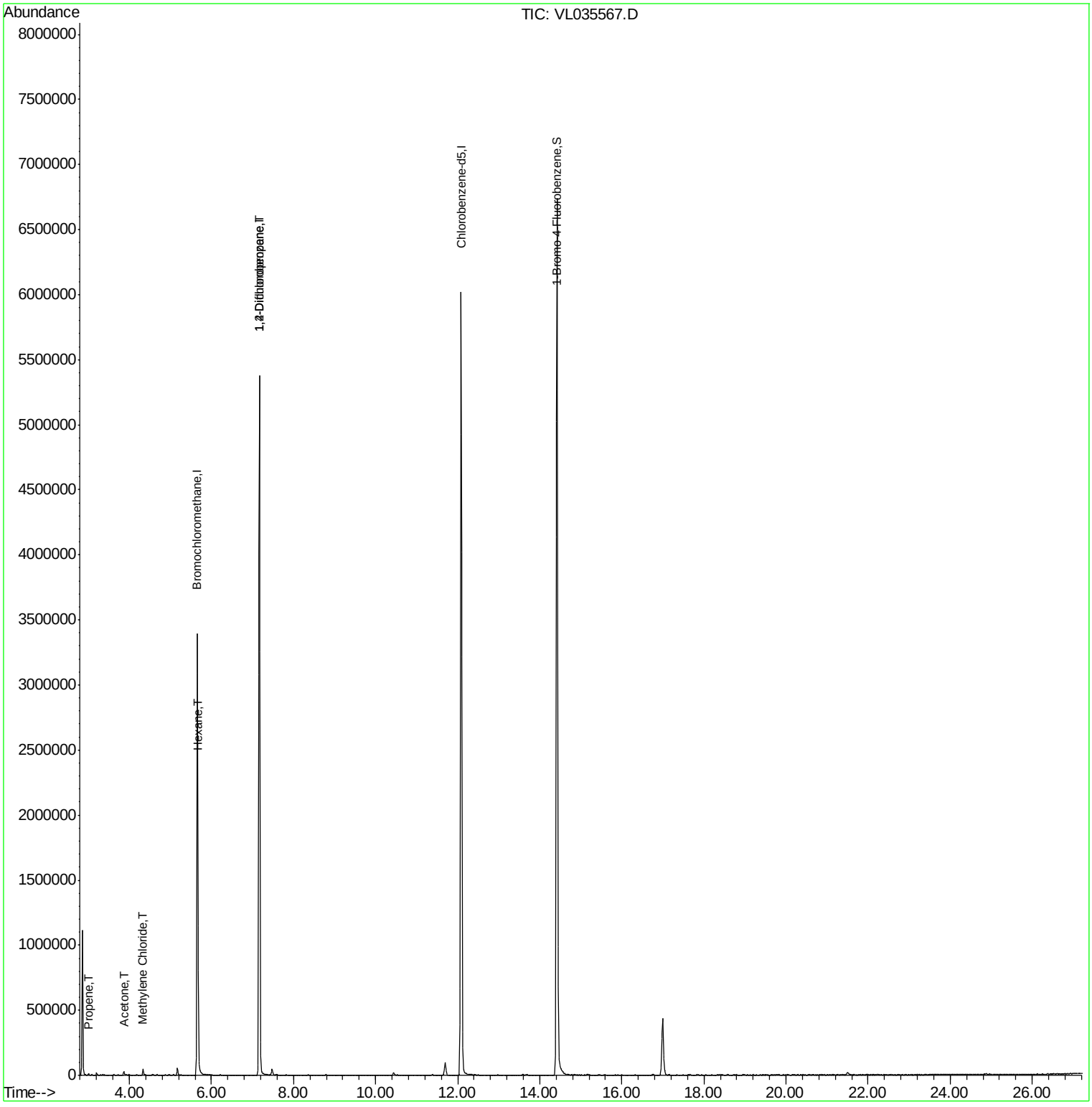
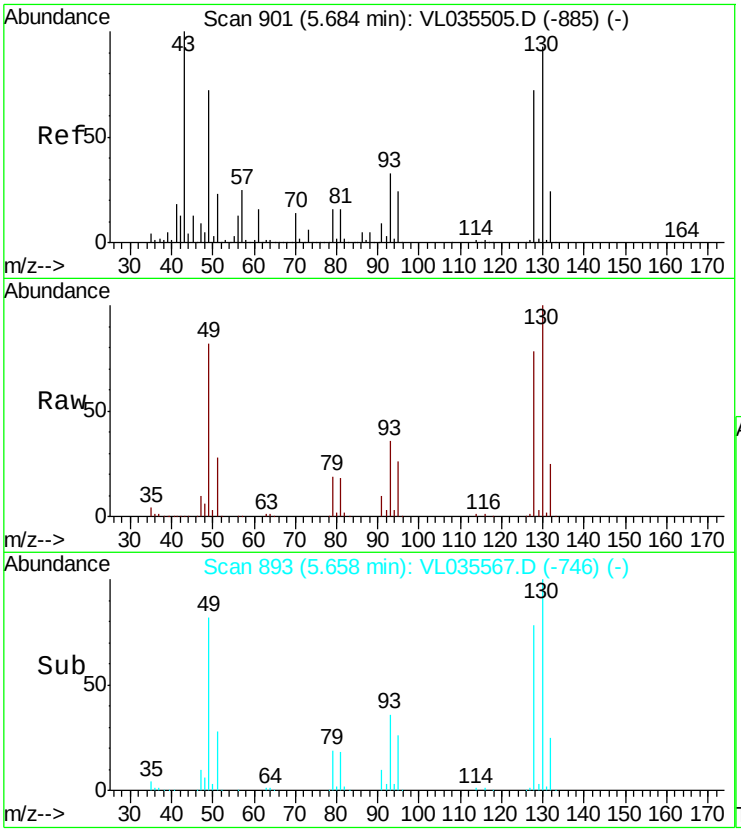


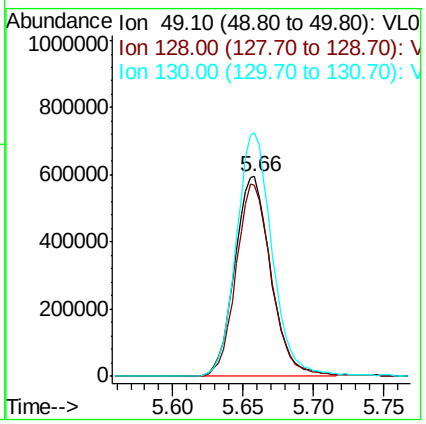


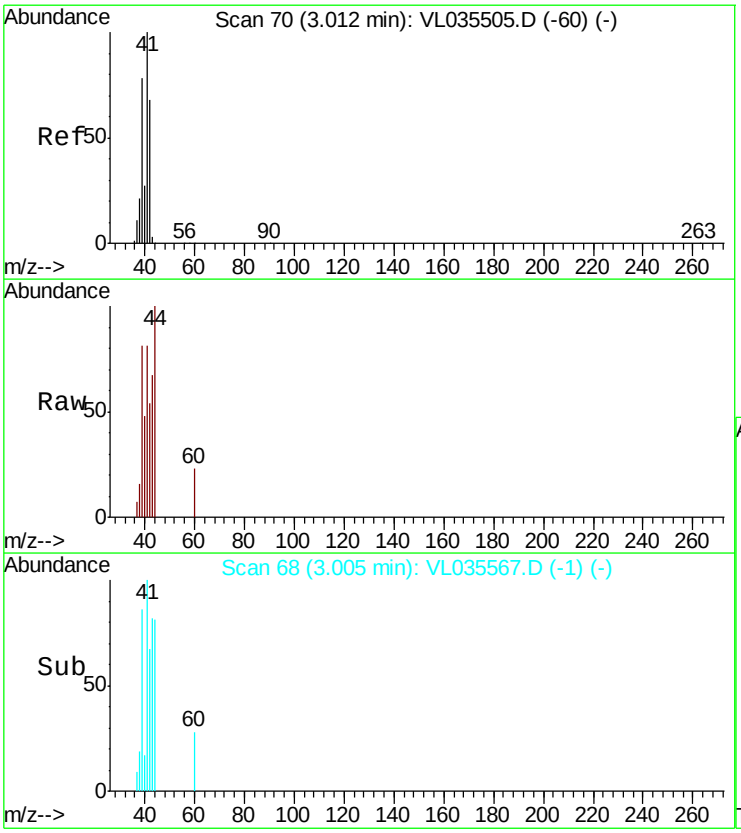
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. -0.03 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 49 Resp: 1070133

Ion	Ratio	Lower	Upper
49	100		
128	95.5	50.0	150.1
130	122.3	64.4	193.2

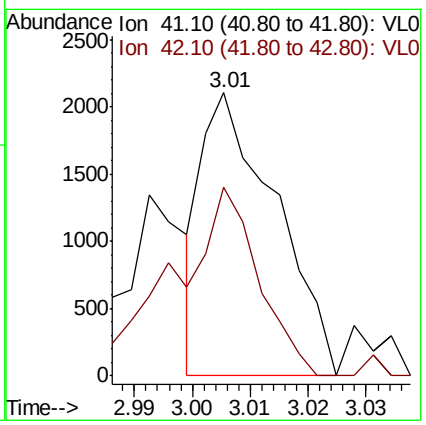


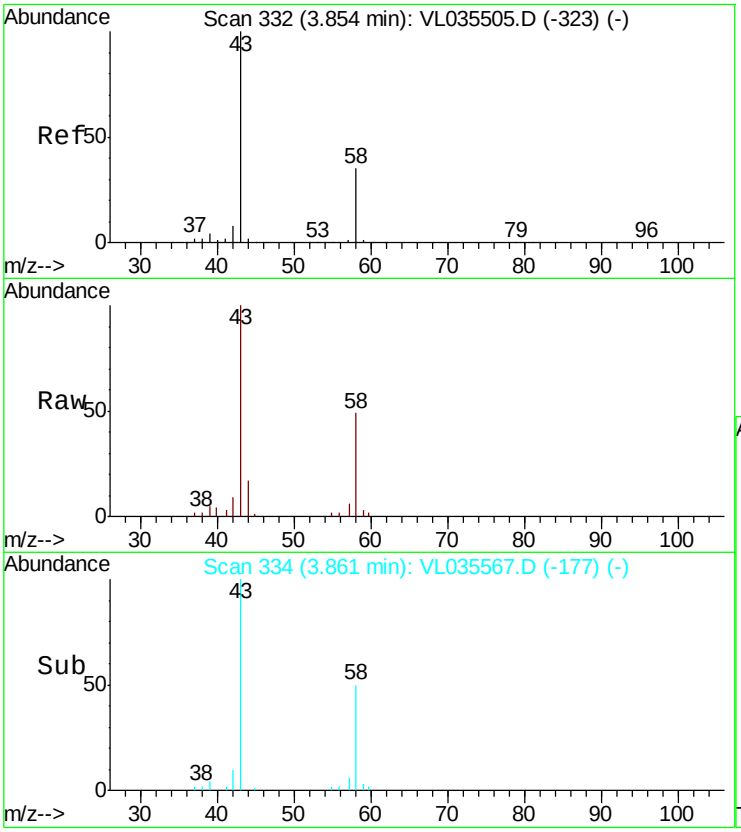


#9
Propene
Concen: 0.041 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Tgt Ion: 41 Resp: 1865

Ion	Ratio	Lower	Upper
41	100		
42	83.1	56.3	84.5



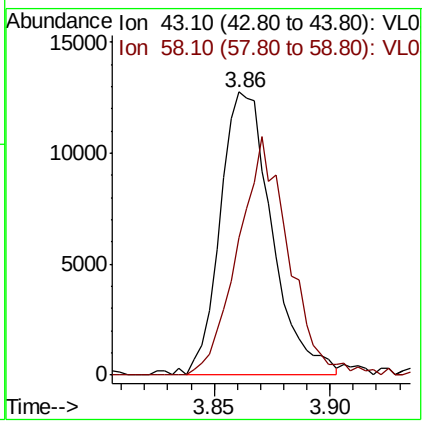


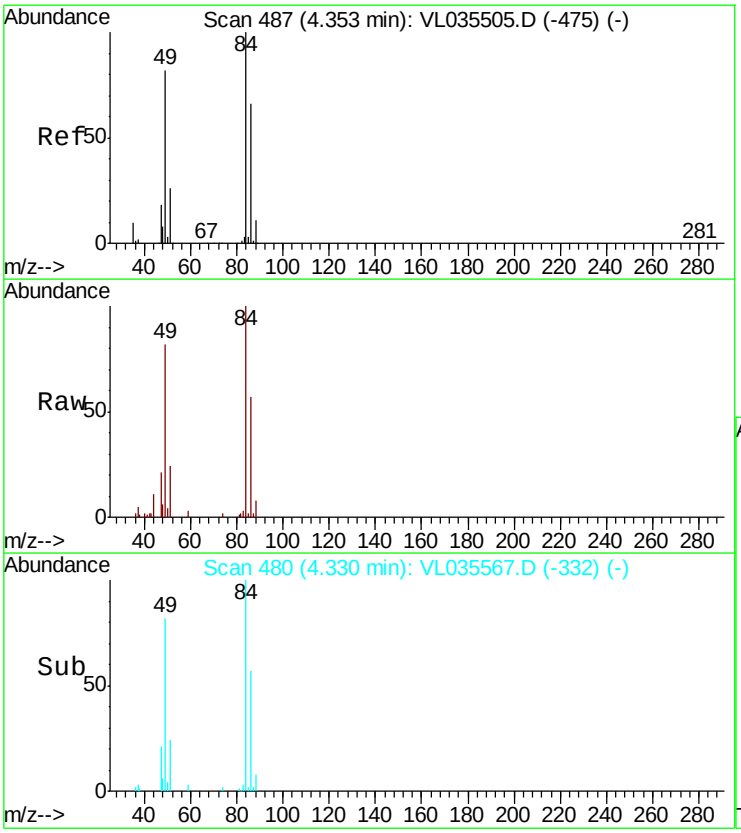
#15
Acetone
Concen: 0.167 ppbv
RT: 3.86 min Scan# 334
Delta R.T. 0.01 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 43 Resp: 19697

Ion	Ratio	Lower	Upper
43	100		
58	83.1	28.4	42.6#

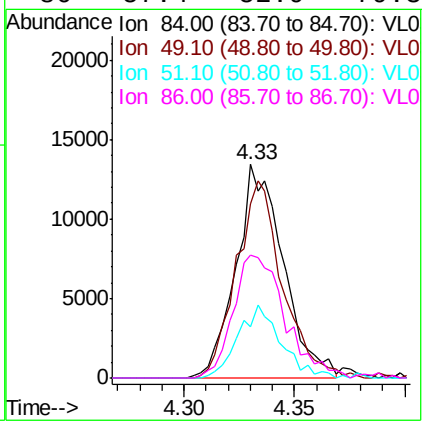


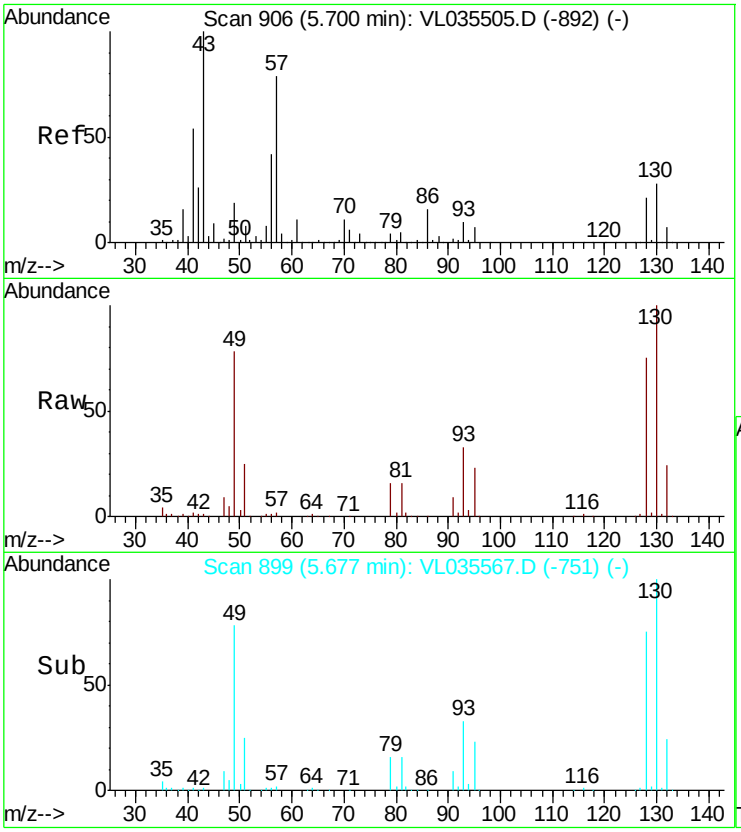


#20
Methylene Chloride
Concen: 0.227 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Tgt Ion: 84 Resp: 19962

Ion	Ratio	Lower	Upper
84	100		
49	81.8	65.4	98.0
51	23.7	21.5	32.3
86	57.4	52.9	79.3



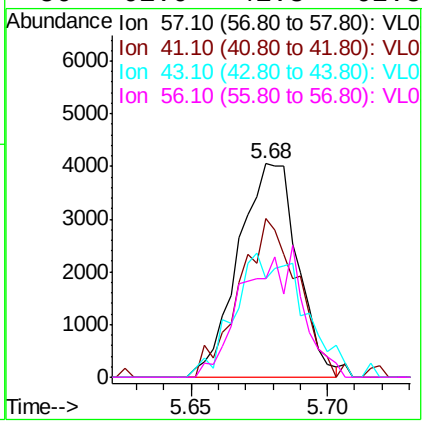


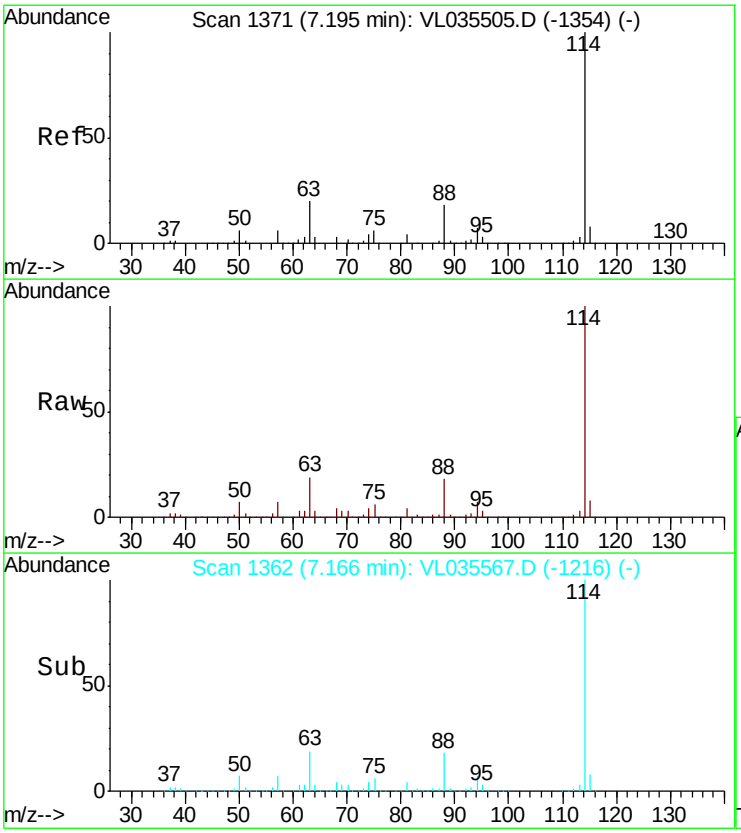
#26
Hexane
Concen: 0.052 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 57 Resp: 6116

Ion	Ratio	Lower	Upper
57	100		
41	75.2	55.9	83.9
43	68.3	141.8	212.8#
56	61.0	41.8	62.8

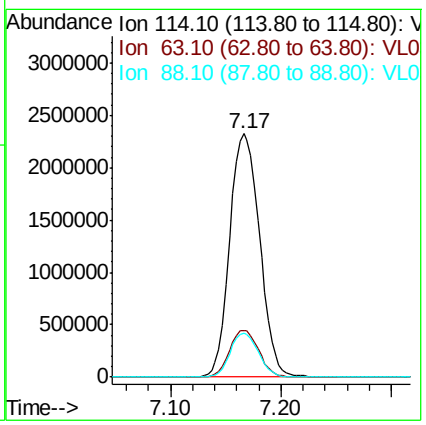


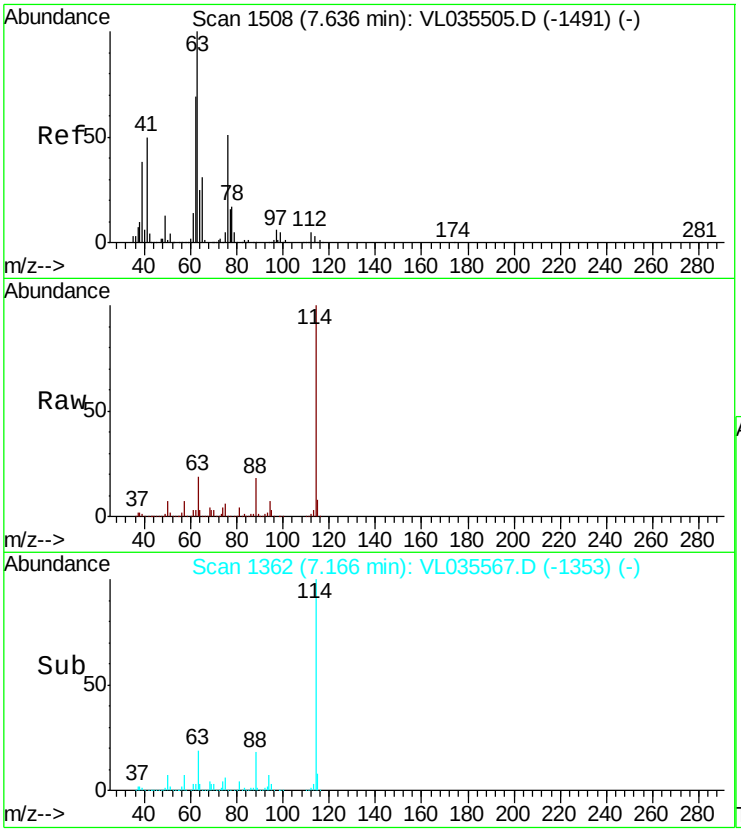


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Tgt Ion:114 Resp: 4381628

Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.7	22.1
88	17.2	13.4	20.2



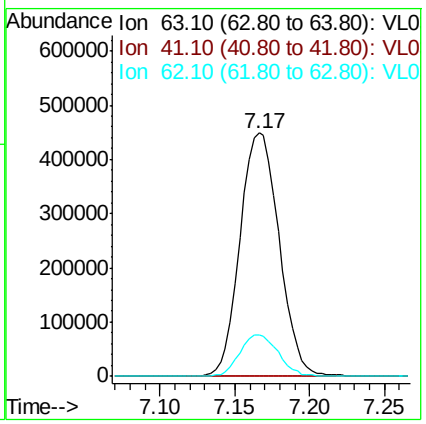


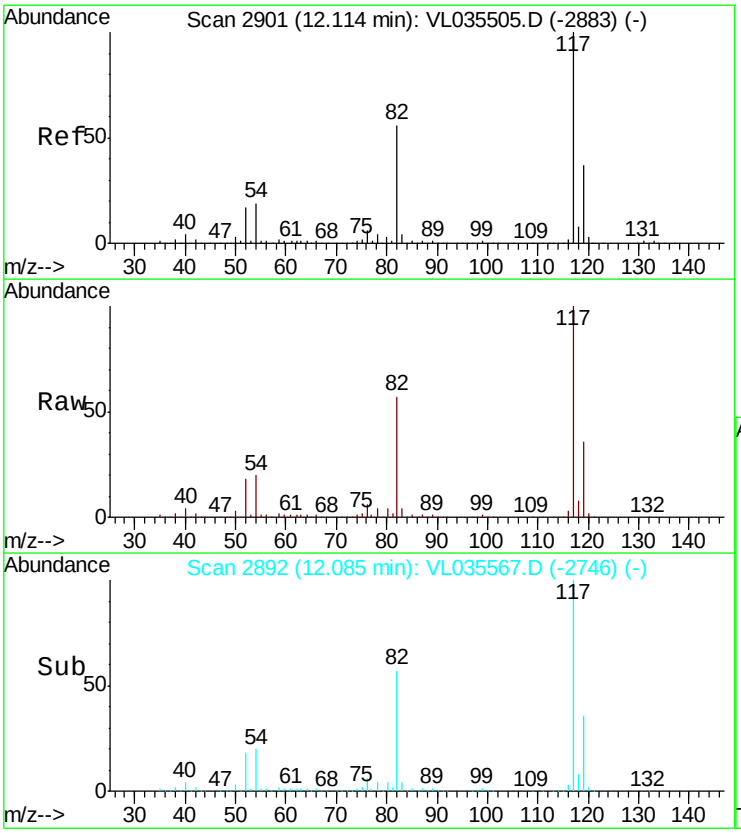
#39
1,2-Dichloropropane
Concen: 8.544 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.47 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 63 Resp: 818589

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

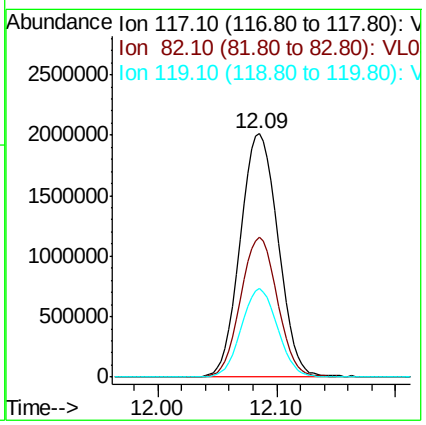


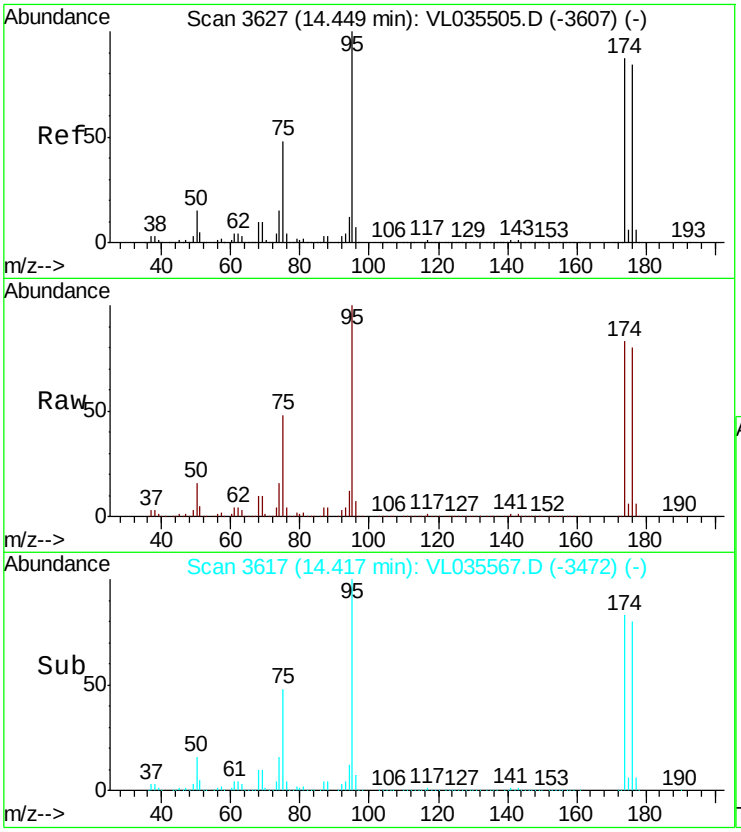


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.03 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Tgt Ion:117 Resp: 4445046

Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.6	62.4
119	35.0	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.513 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.03 min
Lab File: VL035567.D
Acq: 8 Sep 2020 22:23

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 95 Resp: 3318599

Ion	Ratio	Lower	Upper
95	100		
174	84.1	69.6	104.4
175	6.0	5.1	7.7