Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090820\
Data File : VL035576.D
Acq On : 9 Sep 2020 7:09
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 08:21:23 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	5.65	49	1092623	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	4418893	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4416365	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3253639	10.37	ppbv	-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 103.70%			
Target Compounds						Qvalue
9) Propene	3.01	41	4580	0.098	ppbv	87
13) Ethanol	3.60	45	3911	0.339	ppbv #	36
15) Acetone	3.85	43	35897	0.298	ppbv #	42
20) Methylene Chloride	4.33	84	95596	1.065	ppbv	98
25) Ethyl Acetate	5.67	43	25103	0.118	ppbv #	72
26) Hexane	5.67	57	41486	0.344	ppbv #	47
39) 1,2-Dichloropropane	7.16	63	830399	8.594	ppbv #	33

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

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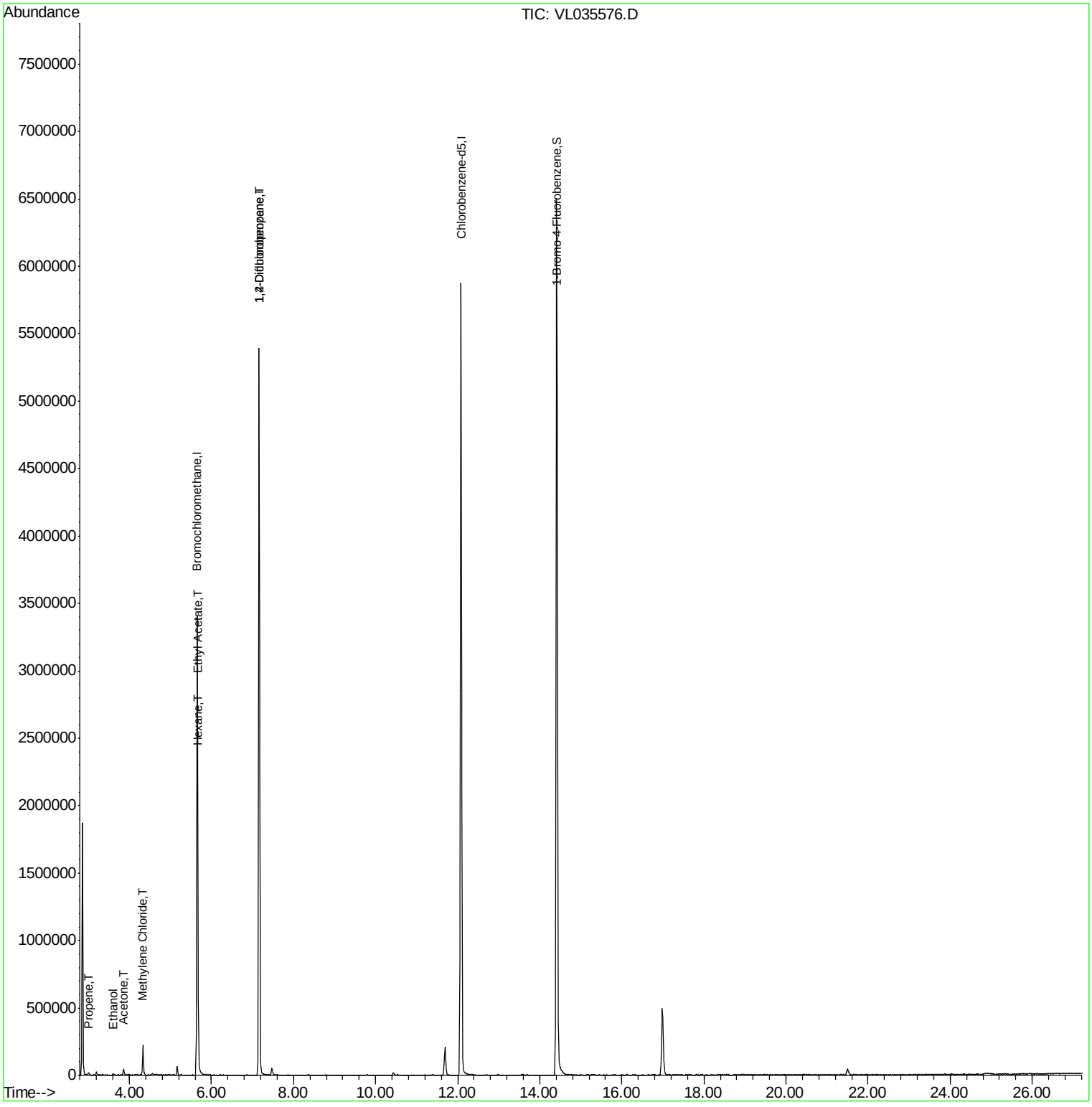
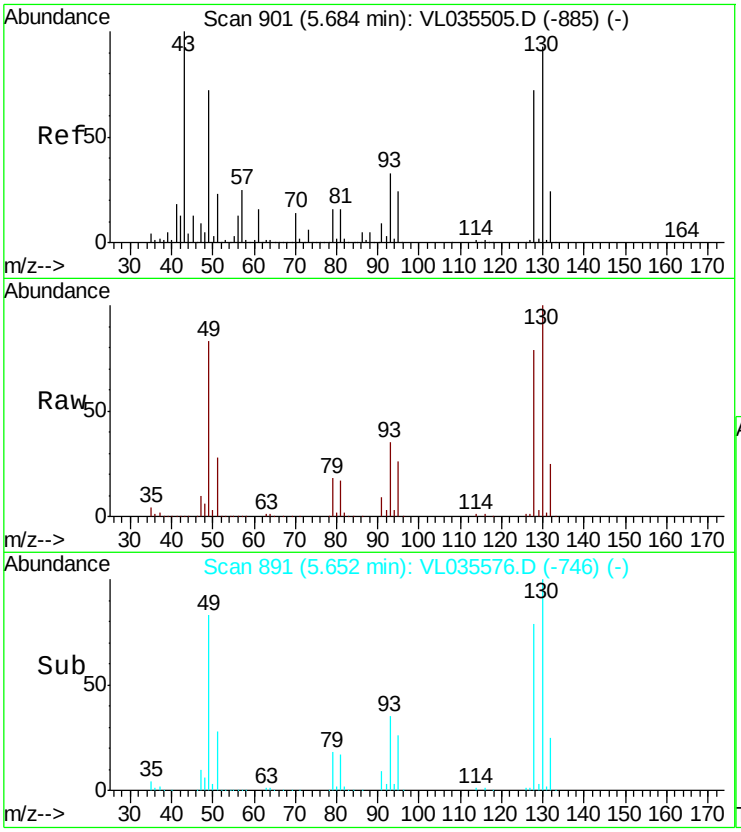


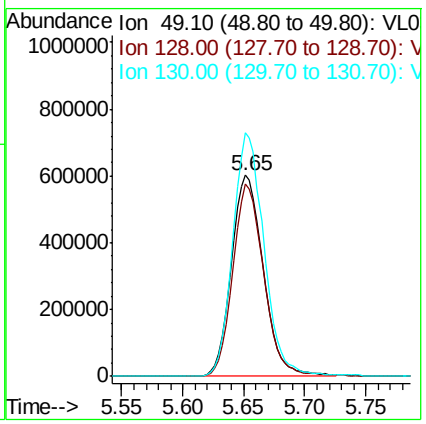


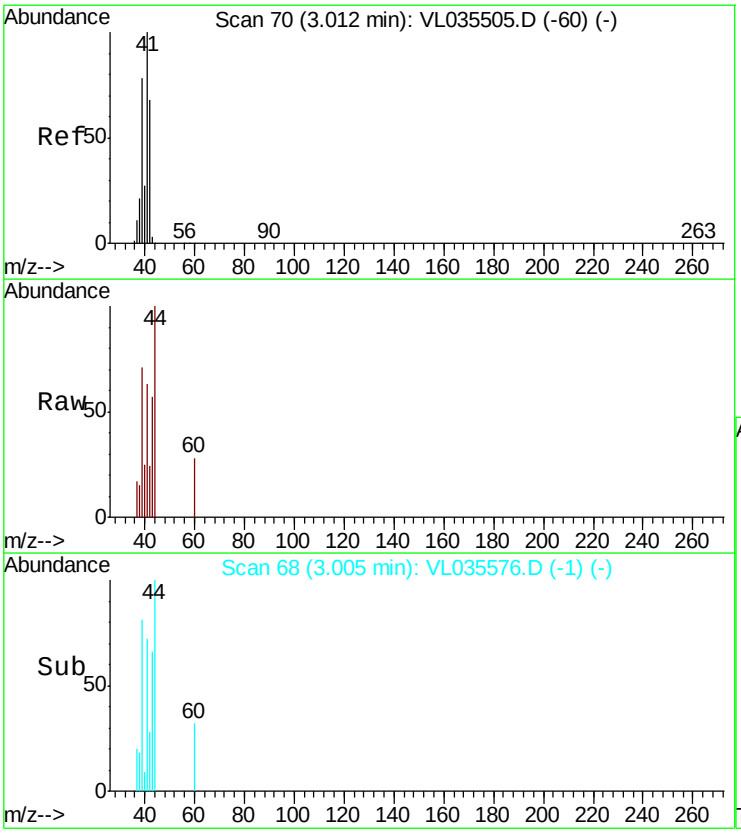
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.03 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 49 Resp: 1092623

Ion	Ratio	Lower	Upper
49	100		
128	93.6	50.0	150.1
130	119.5	64.4	193.2

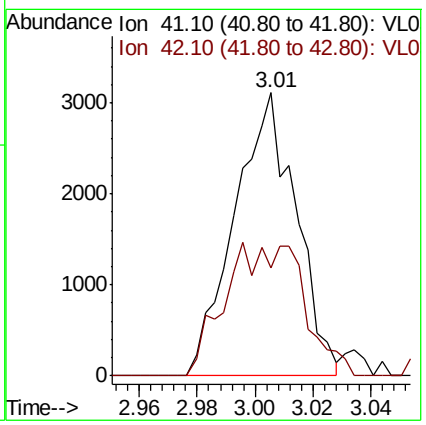


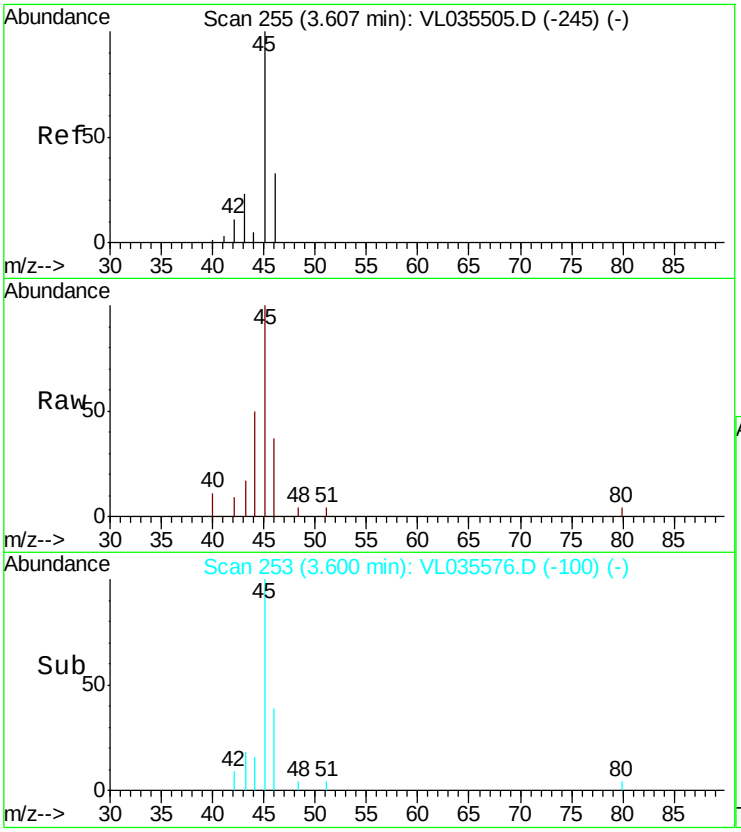


#9
Propene
Concen: 0.098 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.01 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion: 41 Resp: 4580

Ion	Ratio	Lower	Upper
41	100		
42	60.0	56.3	84.5



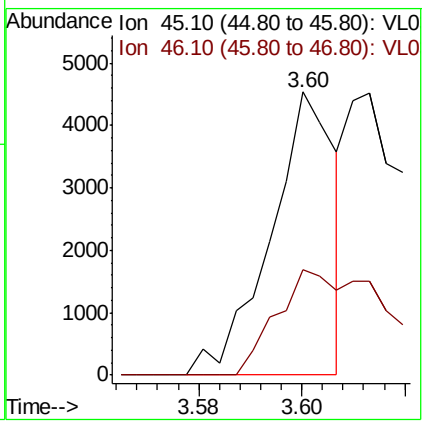


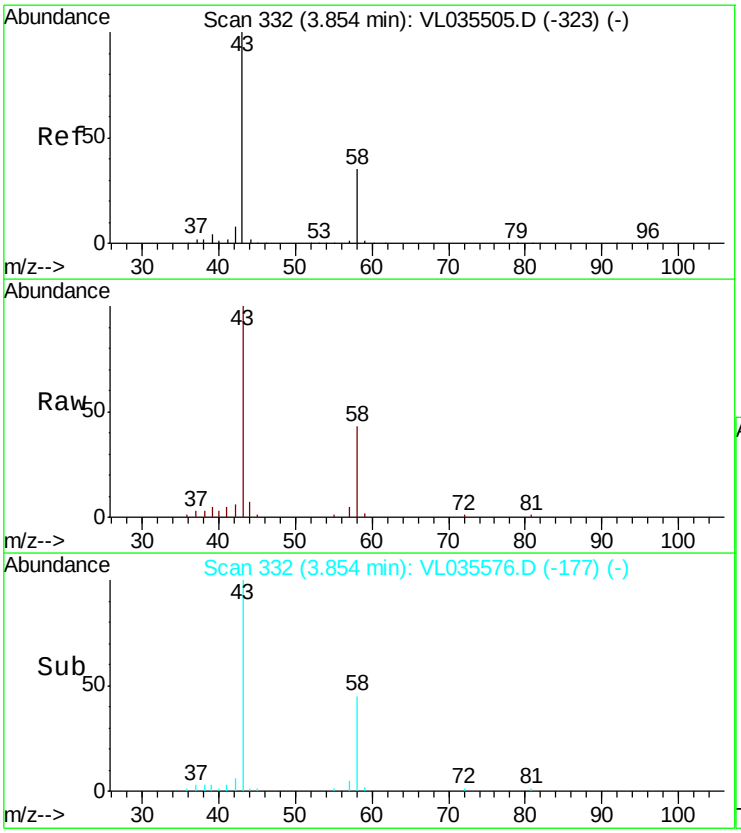
#13
Ethanol
Concen: 0.339 ppbv
RT: 3.60 min Scan# 253
Delta R.T. -0.01 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 45 Resp: 3911

Ion	Ratio	Lower	Upper
45	100		
46	76.3	15.2	60.6#

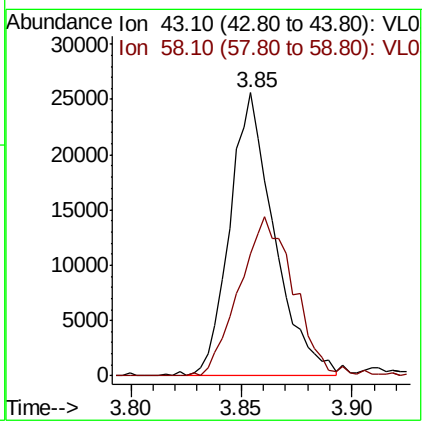


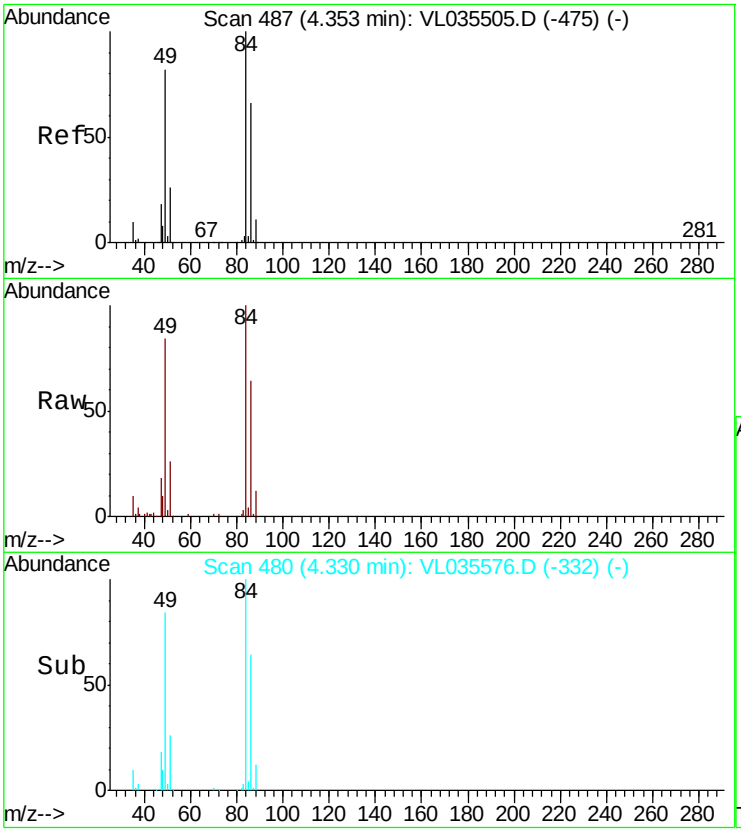


#15
Acetone
Concen: 0.298 ppbv
RT: 3.85 min Scan# 332
Delta R.T. -0.00 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion: 43 Resp: 35897

Ion	Ratio	Lower	Upper
43	100		
58	69.2	28.4	42.6#



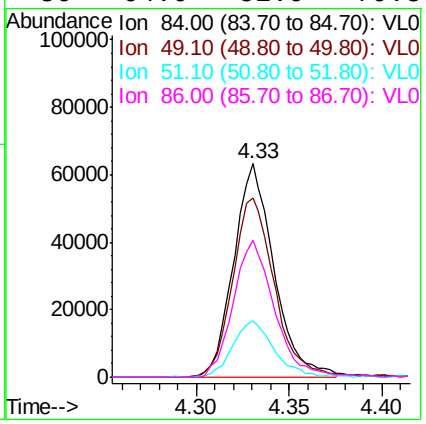


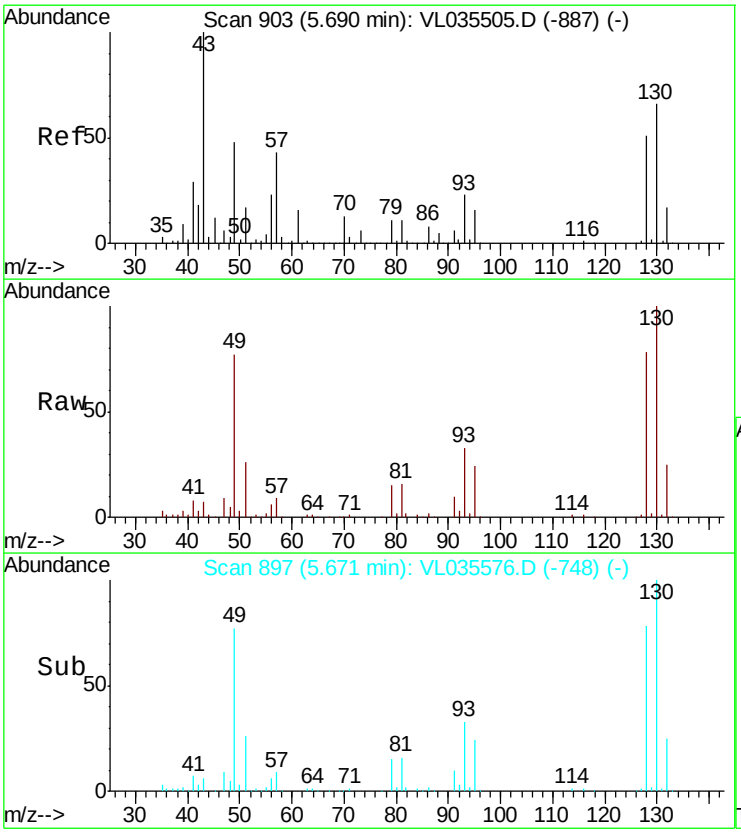
#20
Methylene Chloride
Concen: 1.065 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.02 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 84 Resp: 95596

Ion	Ratio	Lower	Upper
84	100		
49	83.9	65.4	98.0
51	26.3	21.5	32.3
86	64.0	52.9	79.3

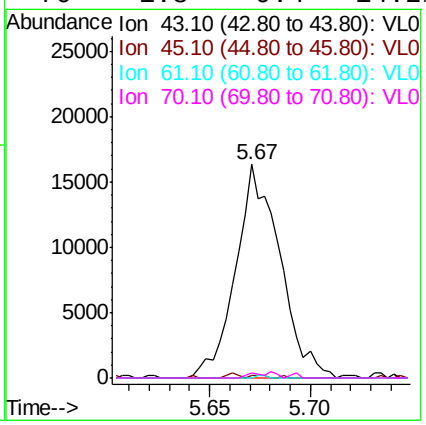


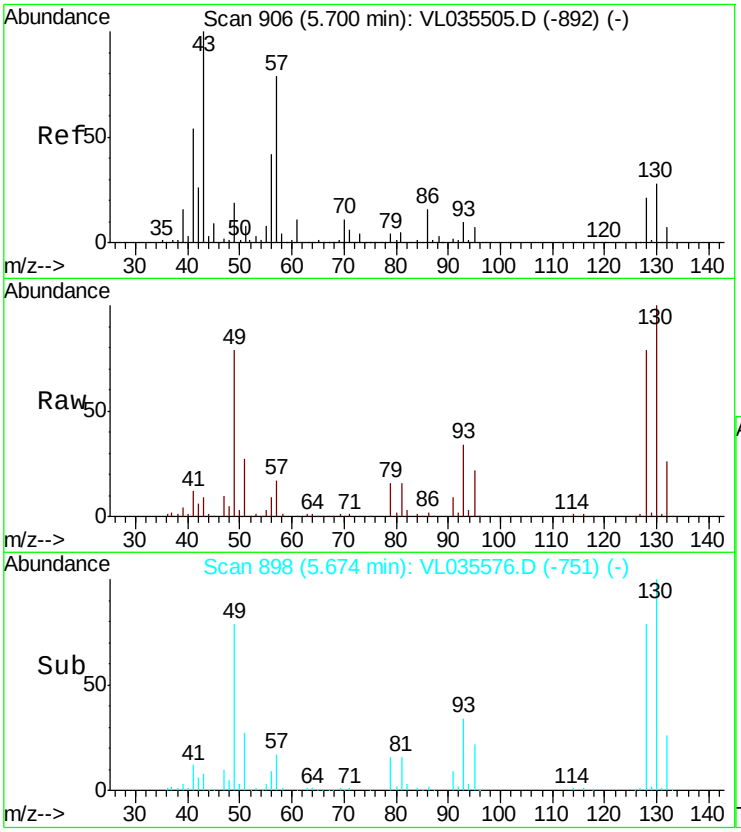


#25
Ethyl Acetate
Concen: 0.118 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion: 43 Resp: 25103

Ion	Ratio	Lower	Upper
43	100		
45	1.2	8.4	12.6#
61	0.0	10.6	16.0#
70	1.8	9.4	14.2#



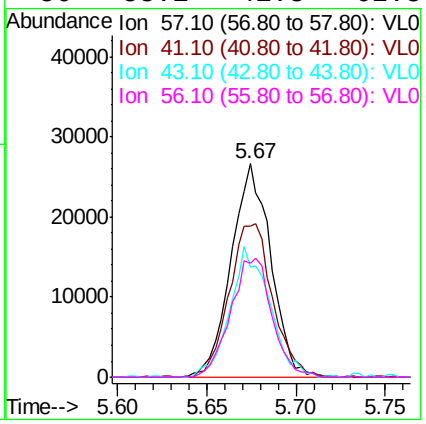


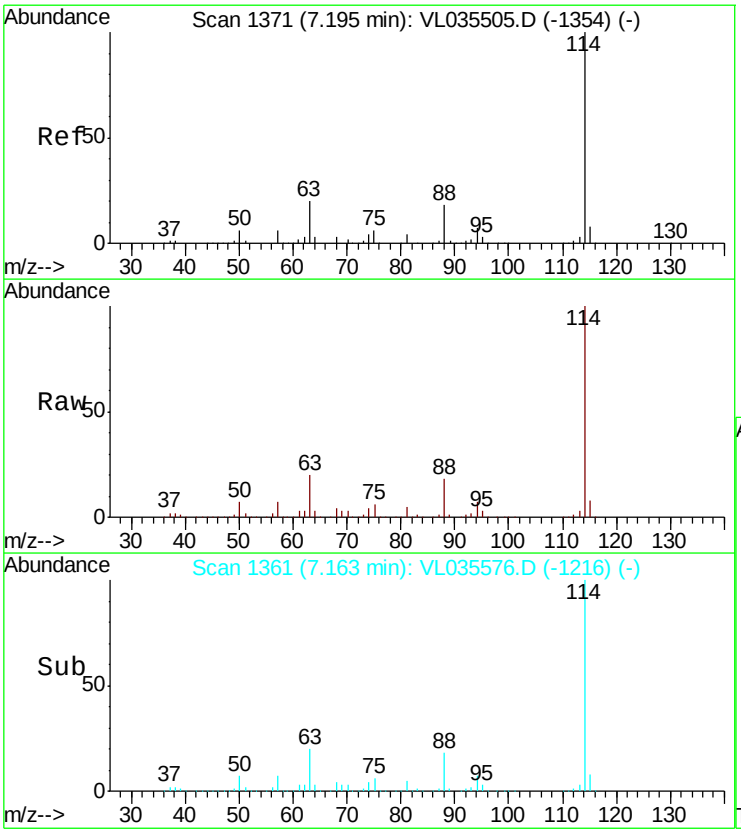
#26
Hexane
Concen: 0.344 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.03 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 57 Resp: 41486

Ion	Ratio	Lower	Upper
57	100		
41	78.6	55.9	83.9
43	61.3	141.8	212.8#
56	58.1	41.8	62.8

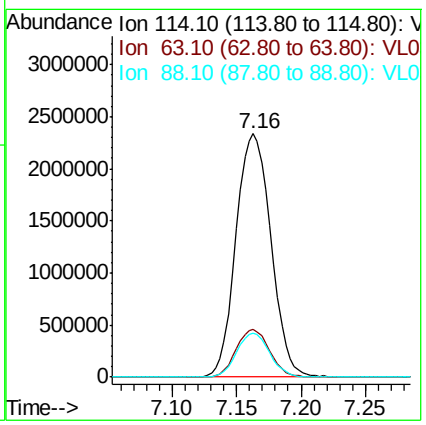


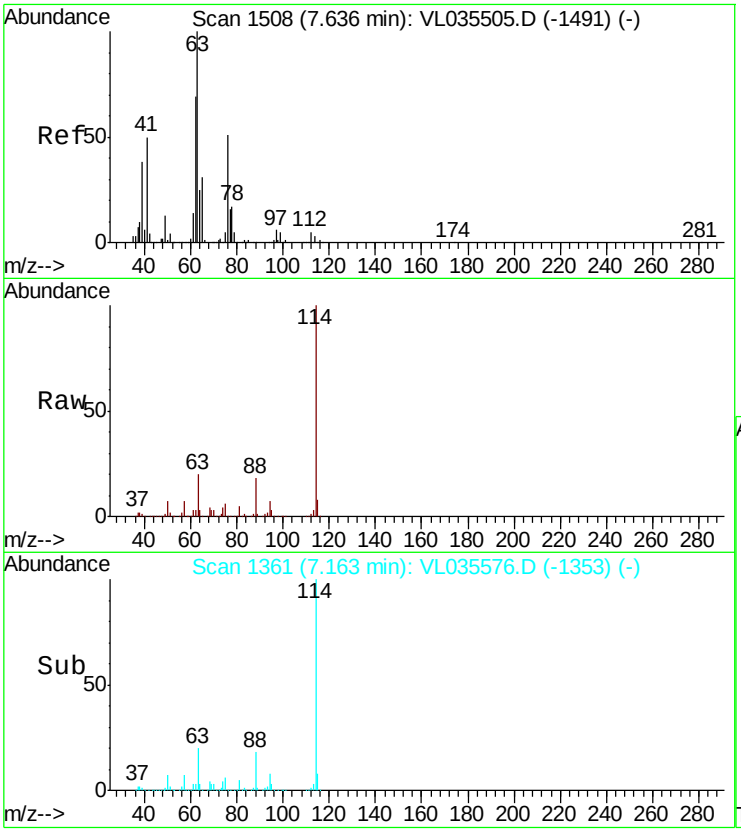


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion:114 Resp: 4418893

Ion	Ratio	Lower	Upper
114	100		
63	18.8	14.7	22.1
88	17.1	13.4	20.2



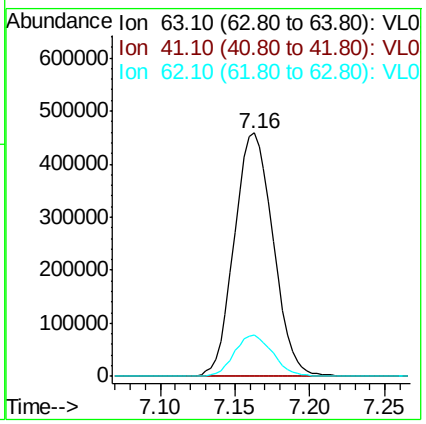


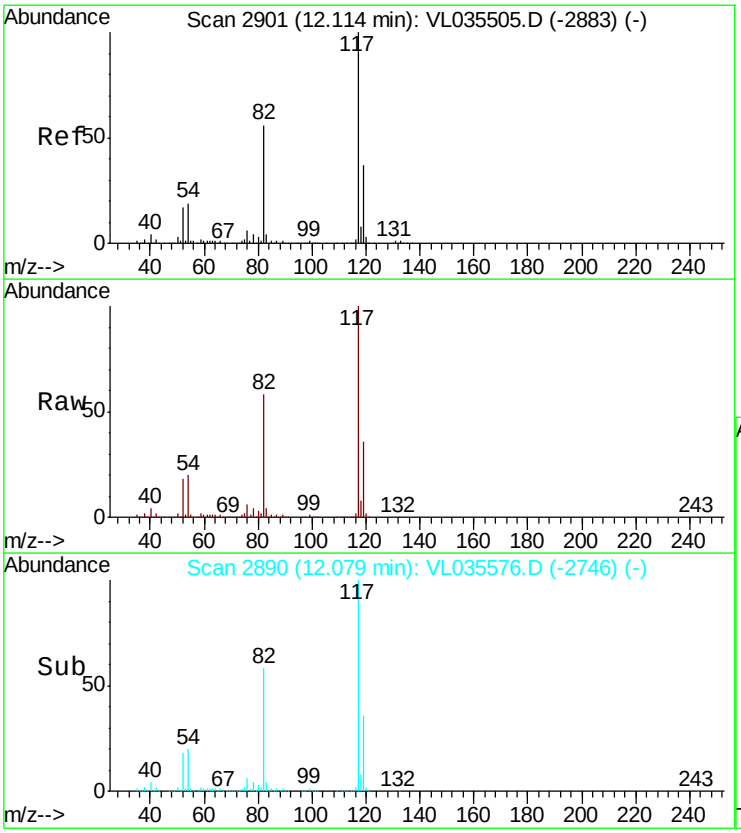
#39
1,2-Dichloropropane
Concen: 8.594 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.47 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 63 Resp: 830399

Ion	Ratio	Lower	Upper
63	100		
41	0.0	40.0	60.0#
62	17.2	55.4	83.0#

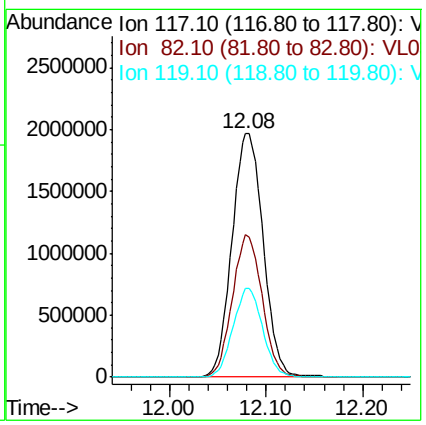


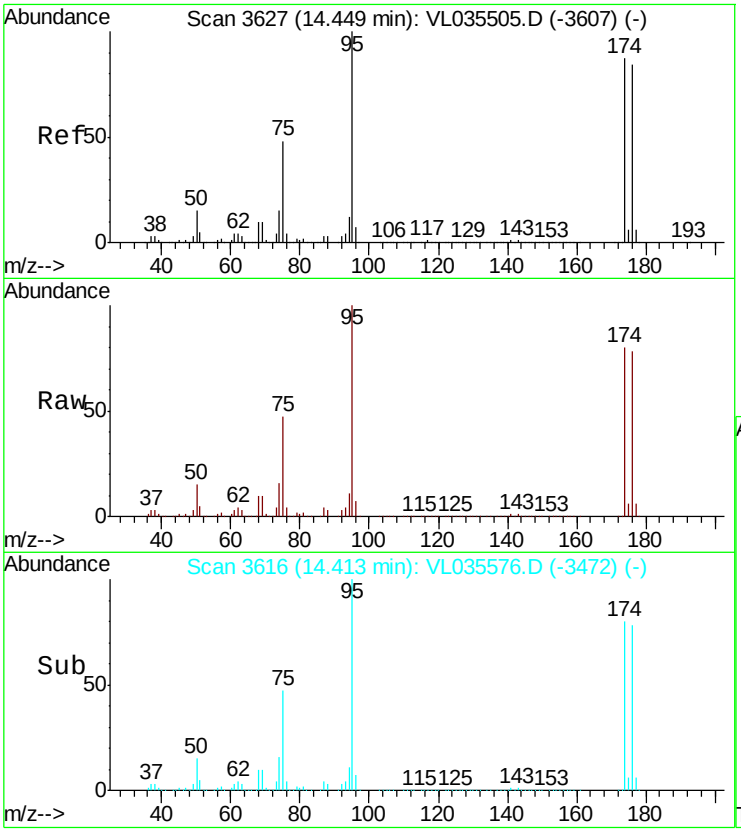


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.04 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Tgt Ion:117 Resp: 4416365

Ion	Ratio	Lower	Upper
117	100		
82	56.1	41.6	62.4
119	34.7	29.3	43.9





#68
1-Bromo-4-Fluorobenzene
Concen: 10.374 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. -0.04 min
Lab File: VL035576.D
Acq: 9 Sep 2020 7:09

Instrument :
MSVOA_L
ClientSampleId :
QC090320 CAN 10323

Tgt Ion: 95 Resp: 3253639

Ion	Ratio	Lower	Upper
95	100		
174	82.2	69.6	104.4
175	5.9	5.1	7.7