Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111020\
Data File : VL035897.D
Acq On : 10 Nov 2020 20:30
Operator : SY/AP
Sample : QC111020 CAN 10279
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 11 01:24:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1072479	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3875168	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3767705	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2754493	10.29	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.90%			
Target Compounds						Qvalue
9) Propene	3.01	41	1481	0.032	ppbv #	6
15) Acetone	3.86	43	38736	0.338	ppbv #	26
20) Methylene Chloride	4.33	84	35720	0.443	ppbv	96
26) Hexane	5.68	57	5403	0.043	ppbv #	45
30) Cyclohexane	7.15	84	9895	0.073	ppbv #	6
39) 1,2-Dichloropropane	7.16	63	793804	8.184	ppbv #	31
65) tert-Butylbenzene	16.98	119	46753	0.087	ppbv #	26

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL111020\
Data File : VL035897.D
Acq On : 10 Nov 2020 20:30
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Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

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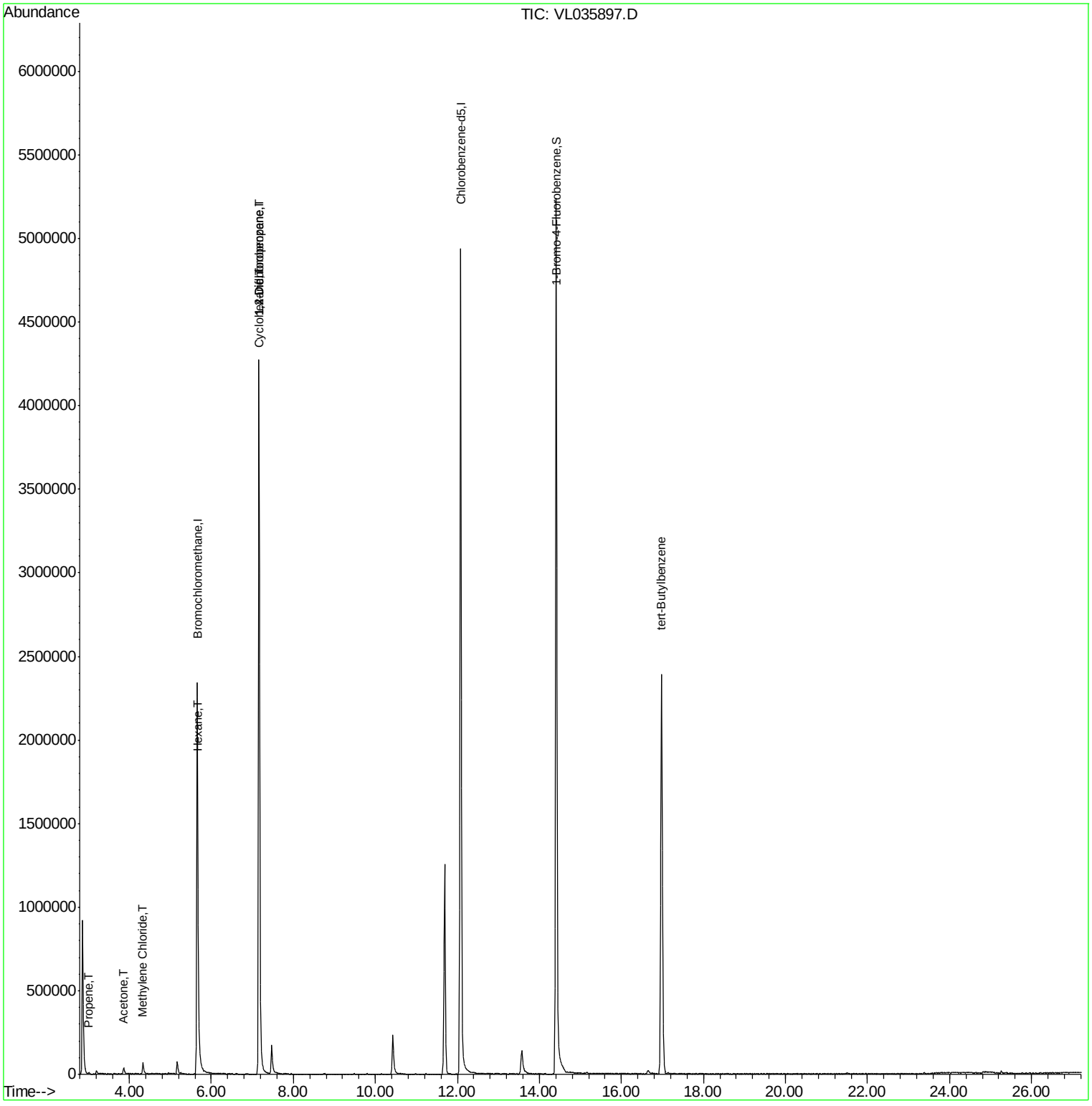
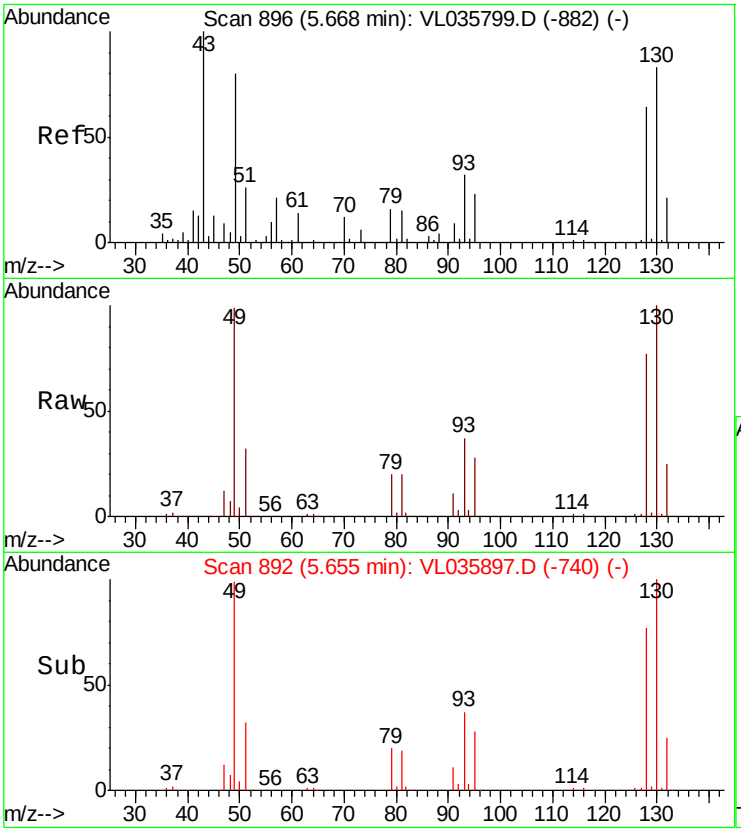


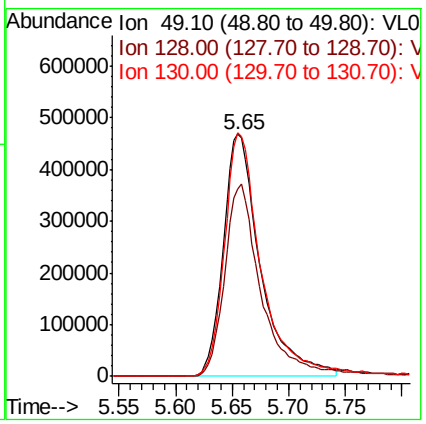


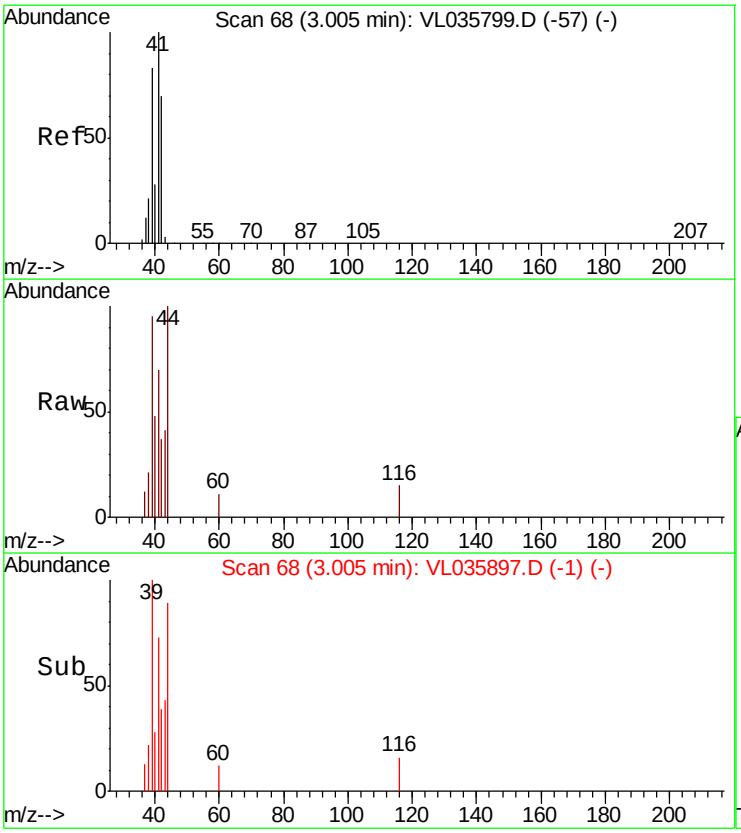
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.01 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1072479

Ion	Ratio	Lower	Upper
49	100		
128	79.9	41.5	124.6
130	102.1	53.7	161.1

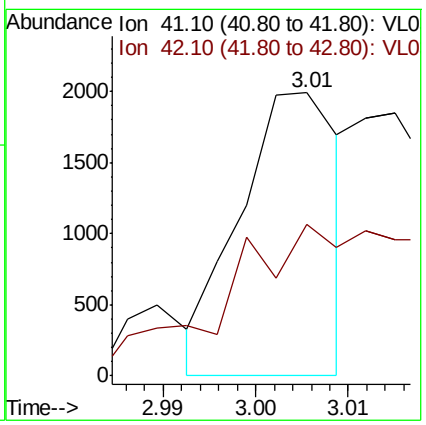


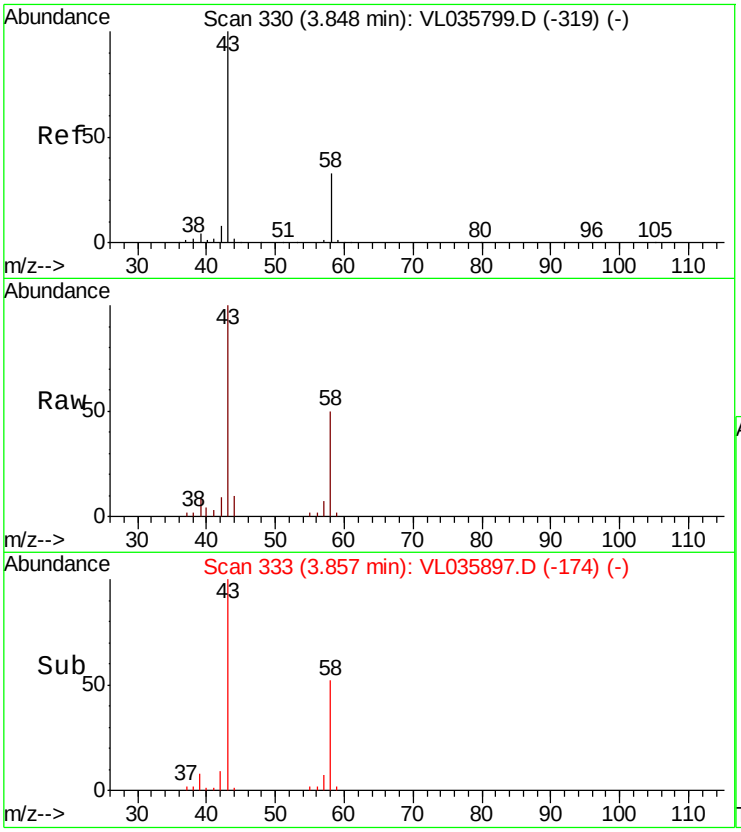


#9
Propene
Concen: 0.032 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion: 41 Resp: 1481

Ion	Ratio	Lower	Upper
41	100		
42	147.5	56.2	84.4#



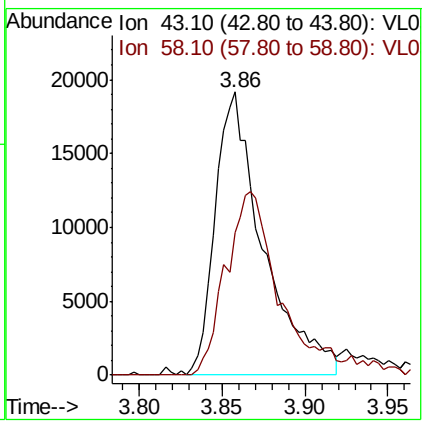


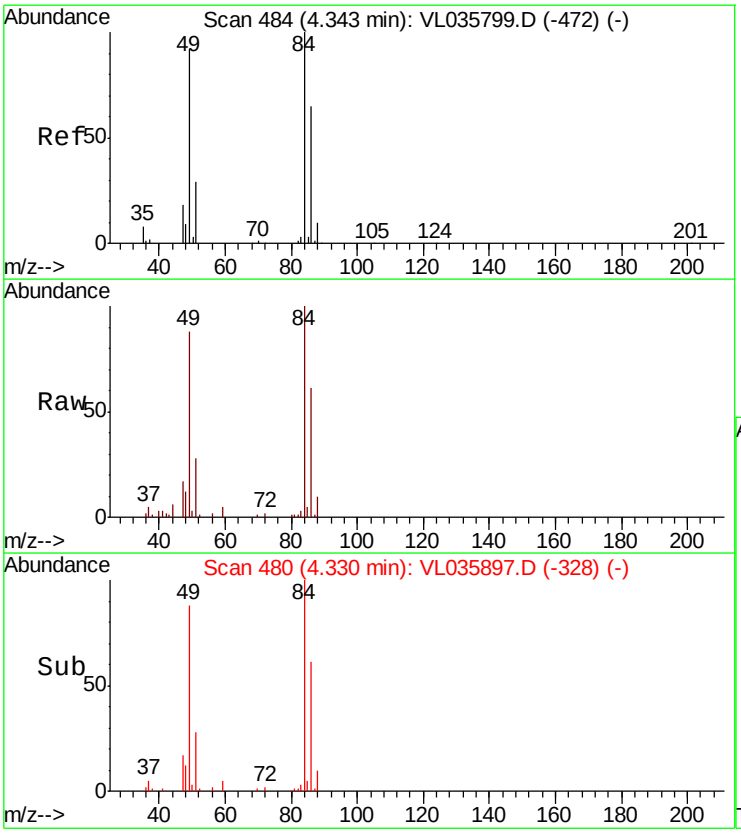
#15
Acetone
Concen: 0.338 ppbv
RT: 3.86 min Scan# 333
Delta R.T. 0.01 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 38736

Ion	Ratio	Lower	Upper
43	100		
58	77.0	27.5	41.3#

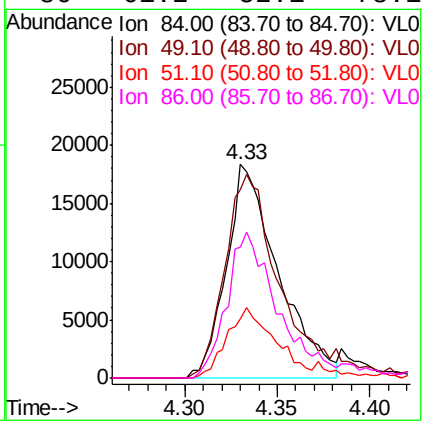


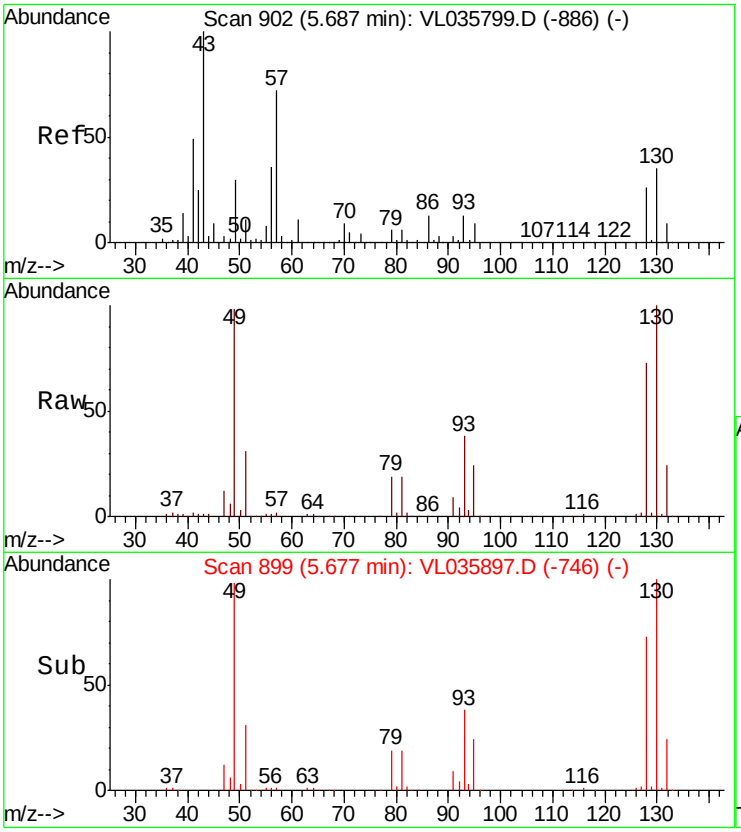


#20
Methylene Chloride
Concen: 0.443 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion: 84 Resp: 35720

Ion	Ratio	Lower	Upper
84	100		
49	88.2	73.8	110.8
51	27.7	23.0	34.4
86	61.2	52.1	78.1



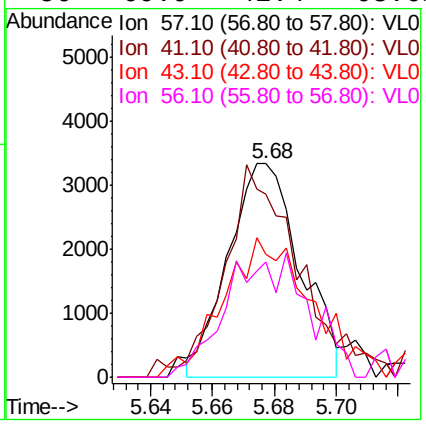


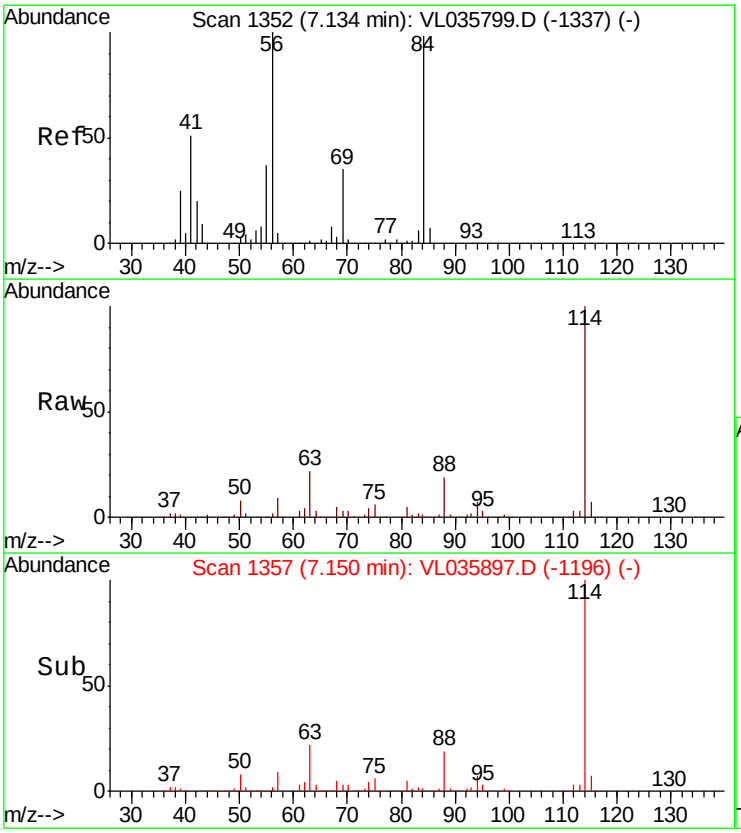
#26
Hexane
Concen: 0.043 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 5403

Ion	Ratio	Lower	Upper
57	100		
41	105.2	58.9	88.3#
43	84.1	150.2	225.2#
56	69.9	42.4	63.6#

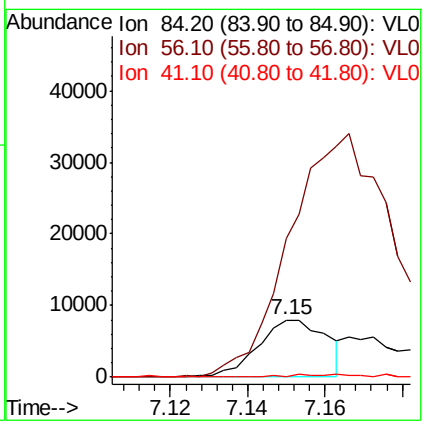


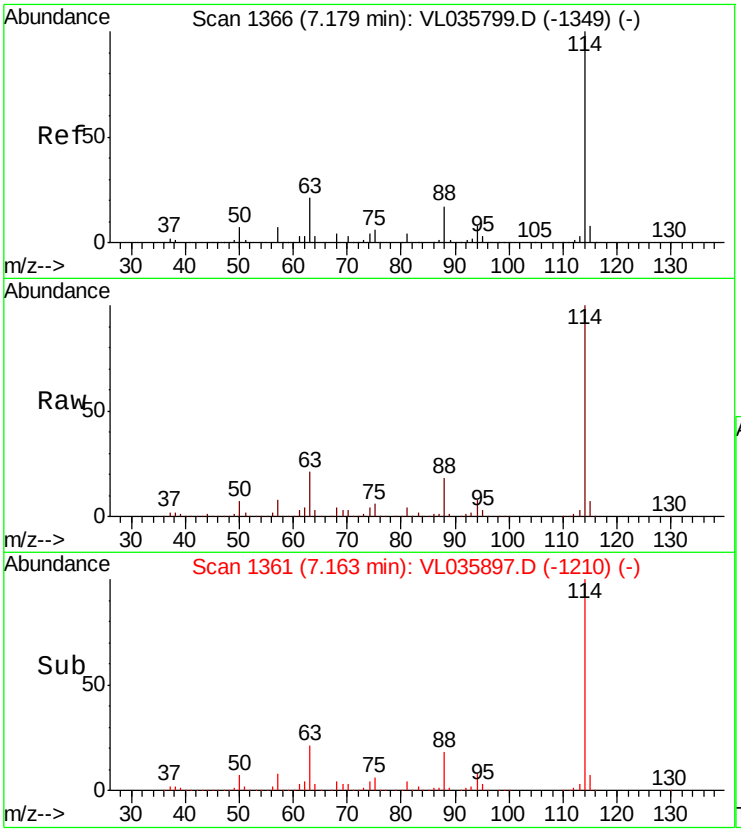


#30
Cyclohexane
Concen: 0.073 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. 0.02 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion: 84 Resp: 9895

Ion	Ratio	Lower	Upper
84	100		
56	0.0	86.4	129.6#
41	0.0	42.1	63.1#



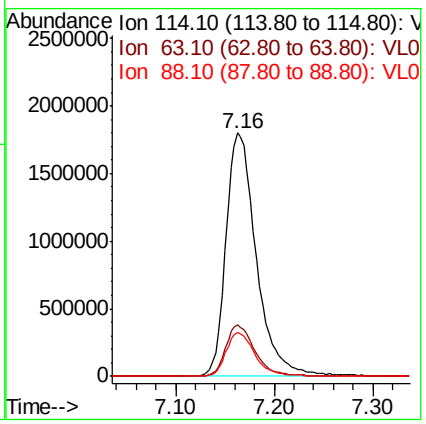


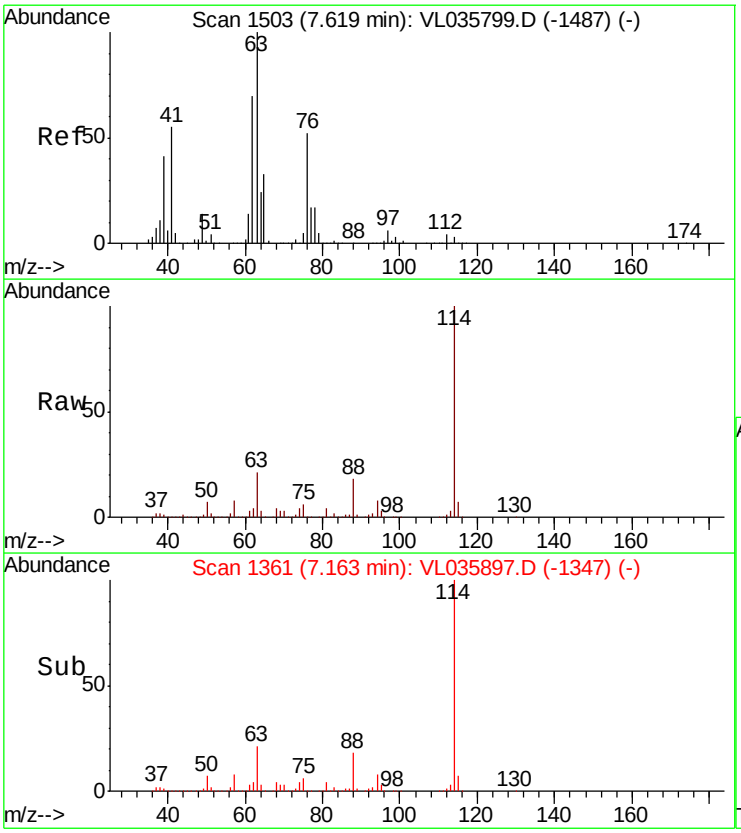
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3875168

Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	17.5	13.7	20.5

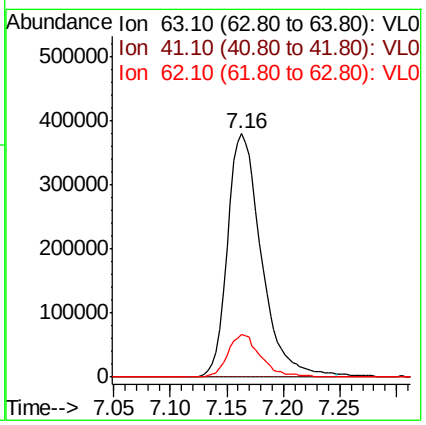


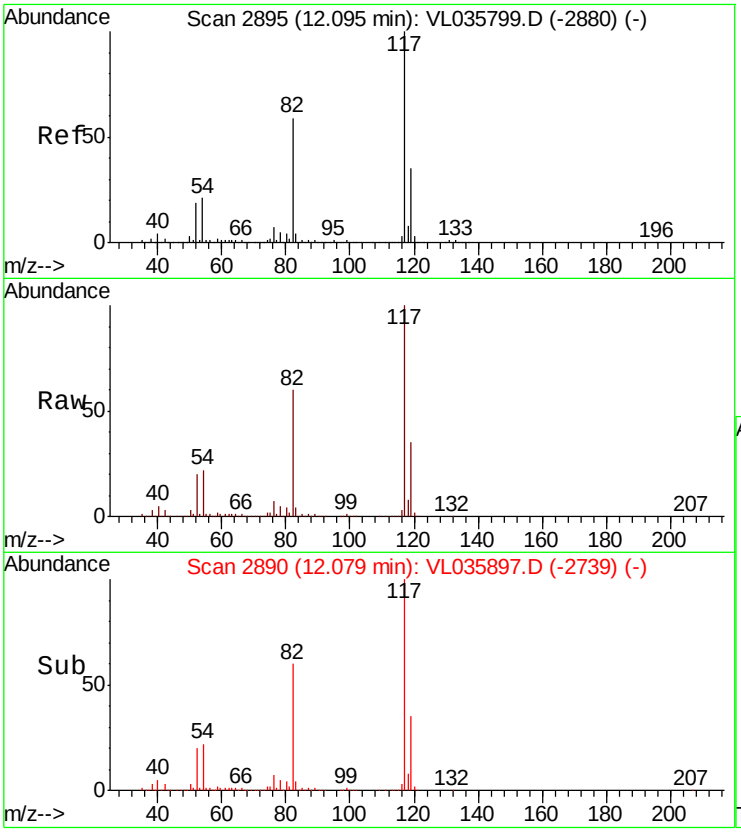


#39
1,2-Dichloropropane
Concen: 8.184 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.46 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion: 63 Resp: 793804

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.6	56.2	84.2#



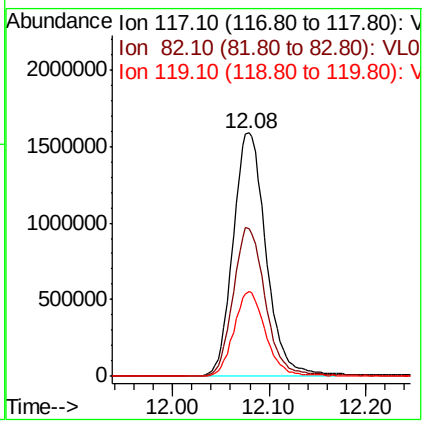


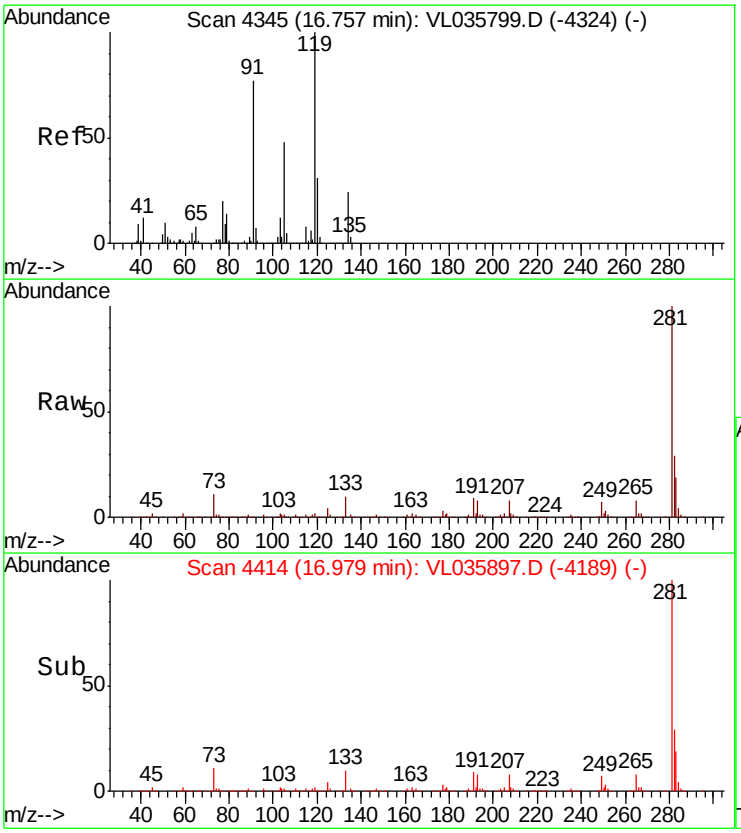
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3767705

Ion	Ratio	Lower	Upper
117	100		
82	60.7	50.6	76.0
119	33.9	52.6	78.8#

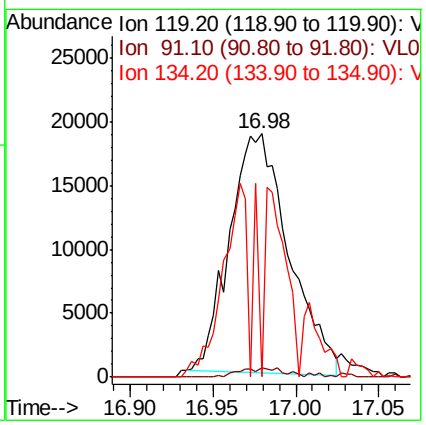


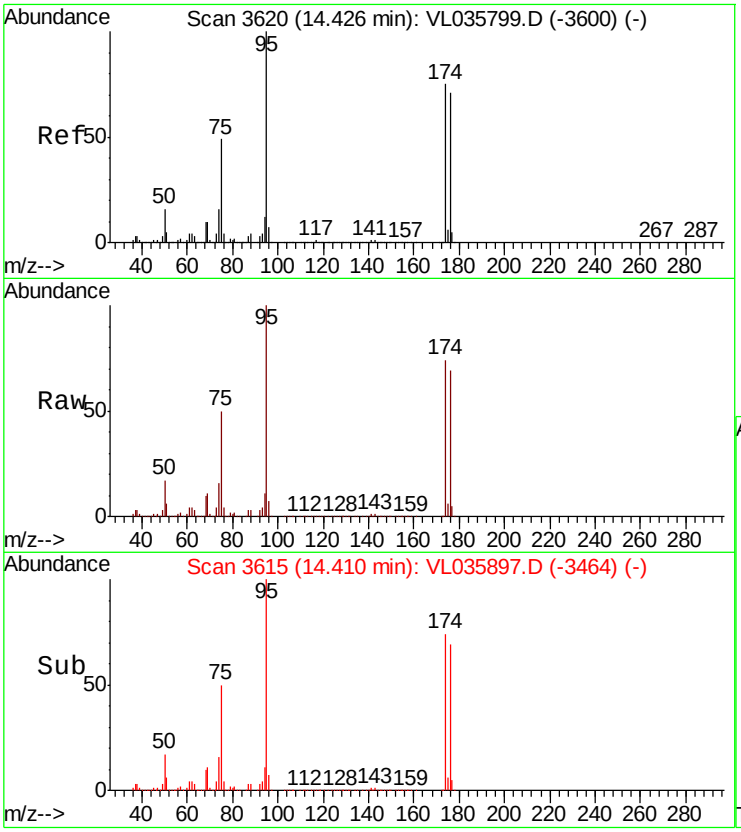


#65
tert-Butylbenzene
Concen: 0.087 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. 0.22 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Tgt Ion:119 Resp: 46753

Ion	Ratio	Lower	Upper
119	100		
91	3.6	62.0	93.0#
134	39.1	17.8	26.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.290 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035897.D
Acq: 10 Nov 2020 20:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 2754493

Ion	Ratio	Lower	Upper
95	100		
174	75.3	59.8	89.6
175	5.3	4.3	6.5