Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110420\
Data File : VL035845.D
Acq On : 4 Nov 2020 23:20
Operator : SY/AP
Sample : L4220-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Nov 05 02:58:43 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	5.64	49	856951	10.00	ppbv		-0.03
33) 1,4-Difluorobenzene	7.14	114	3819222	10.00	ppbv		-0.04
55) Chlorobenzene-d5	12.05	117	3502930	10.00	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.38	95	2423846	9.74	ppbv		-0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	5476	0.034	ppbv		90
9) Propene	3.00	41	8115	0.216	ppbv		99
13) Ethanol	3.59	45	6202	0.761	ppbv	#	12
15) Acetone	3.83	43	51610	0.563	ppbv	#	77
20) Methylene Chloride	4.31	84	123836	1.920	ppbv		94
25) Ethyl Acetate	5.66	43	15245	0.084	ppbv	#	72
26) Hexane	5.65	57	63514	0.638	ppbv	#	46
39) 1,2-Dichloropropane	7.14	63	688851	7.206	ppbv	#	31

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

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MSVOA_L
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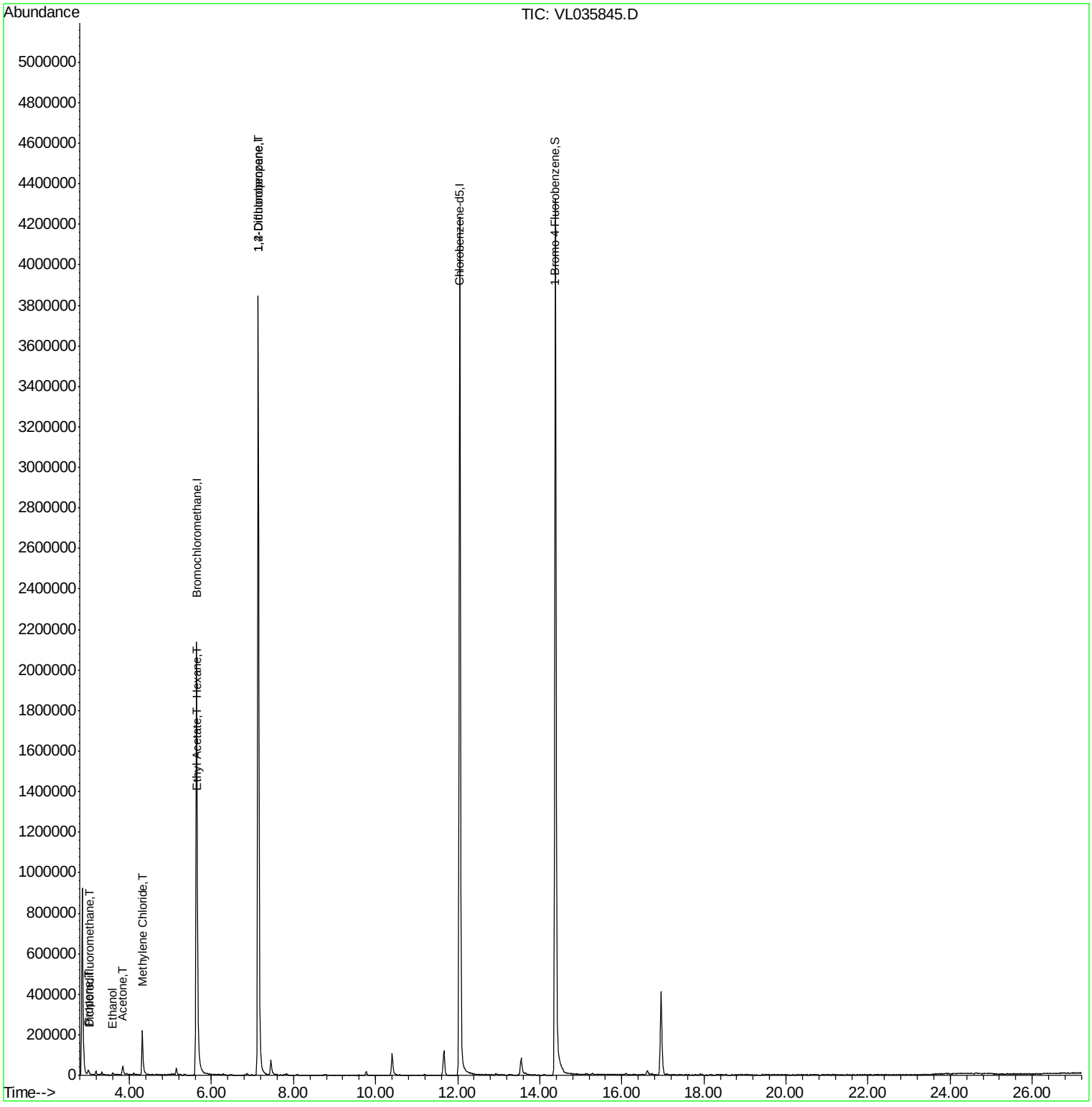
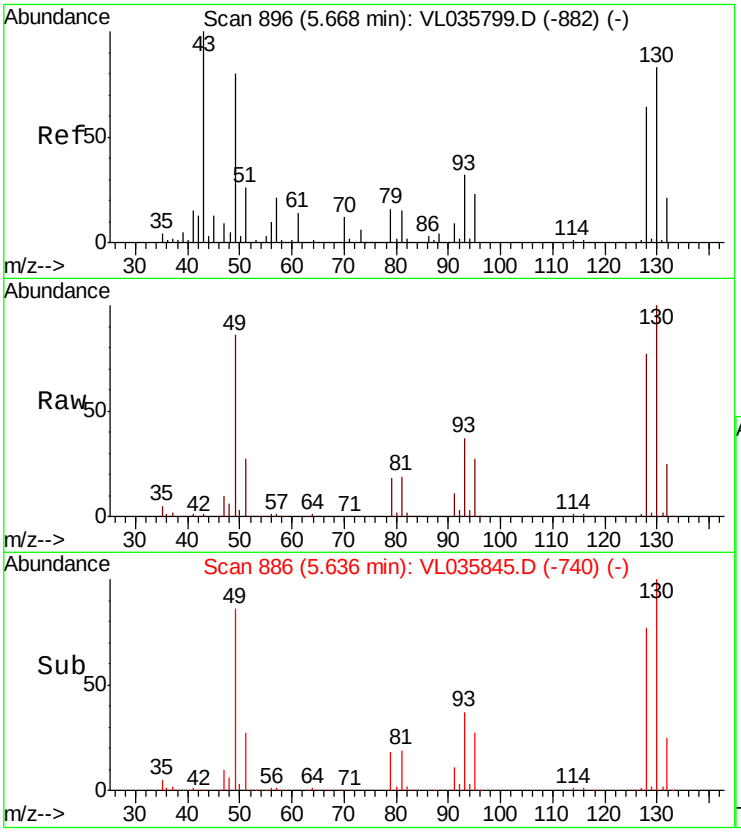


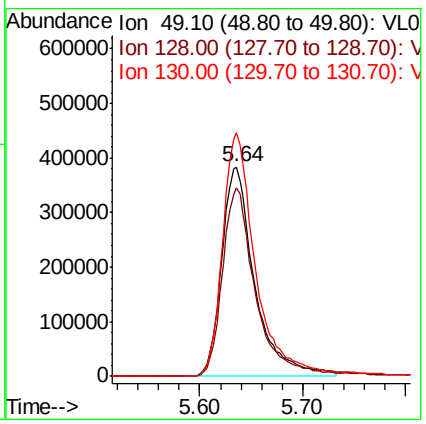


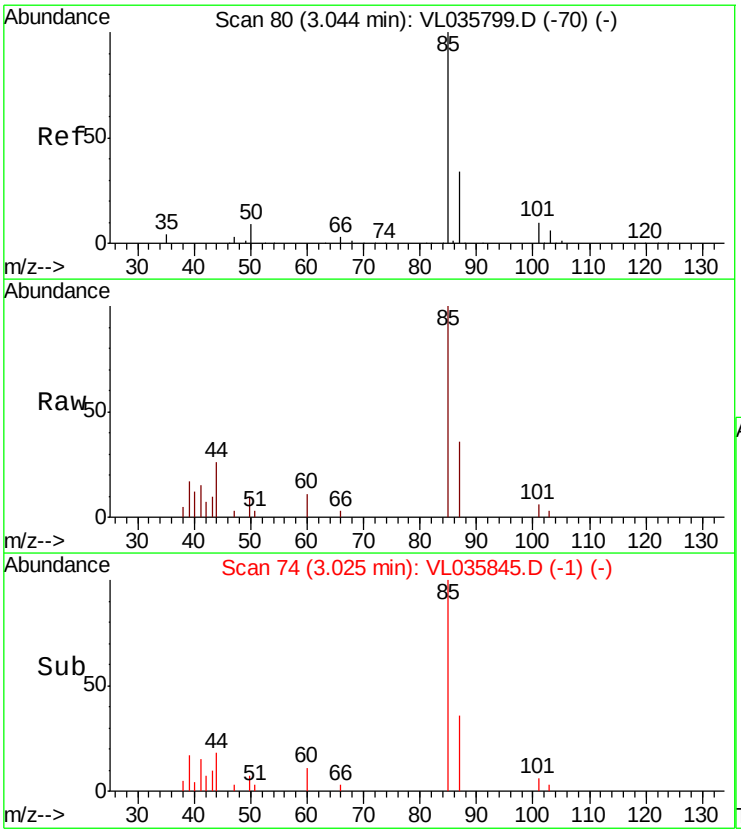
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.64 min Scan# 886
Delta R.T. -0.03 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 856951

Ion	Ratio	Lower	Upper
49	100		
128	91.9	41.5	124.6
130	119.9	53.7	161.1

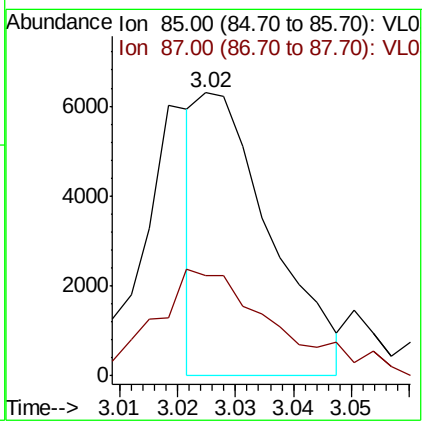


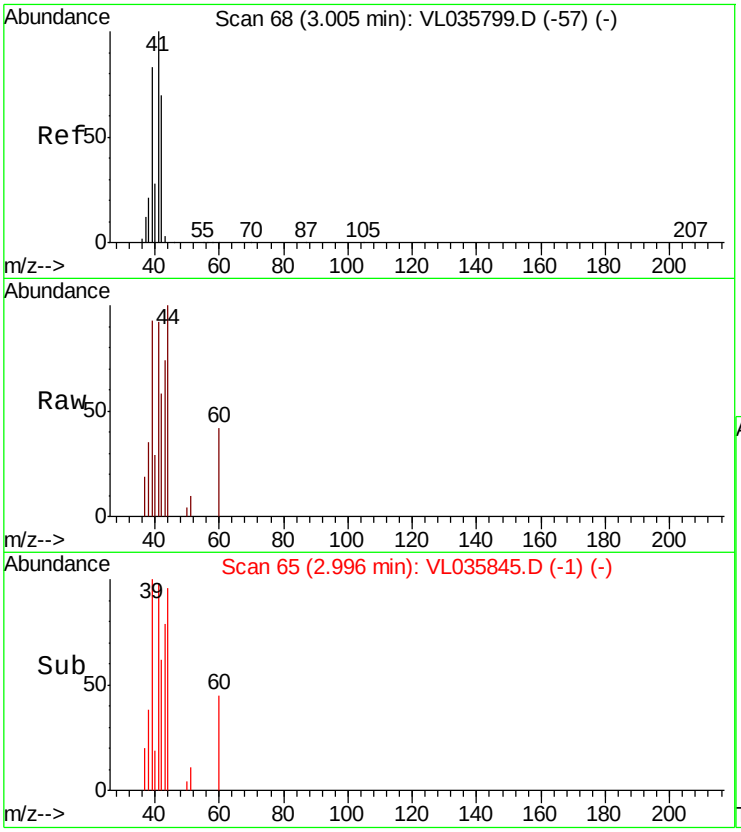


#2
Dichlorodifluoromethane
Concen: 0.034 ppbv
RT: 3.02 min Scan# 74
Delta R.T. -0.02 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 85 Resp: 5476

Ion	Ratio	Lower	Upper
85	100		
87	28.0	27.1	40.7



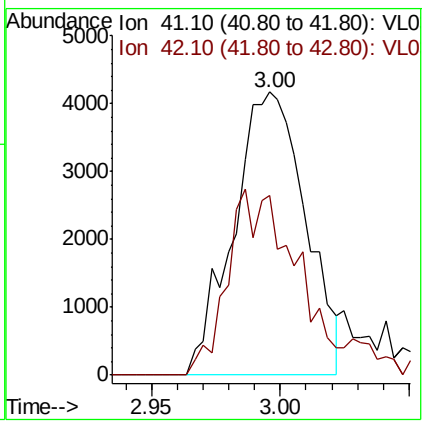


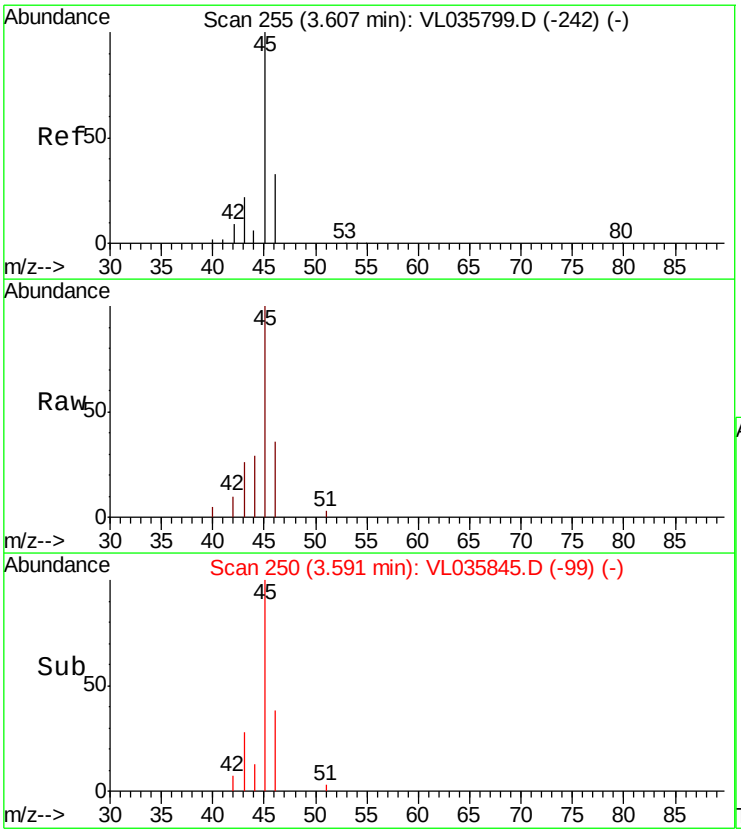
#9
Propene
Concen: 0.216 ppbv
RT: 3.00 min Scan# 65
Delta R.T. -0.01 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 8115

Ion	Ratio	Lower	Upper
41	100		
42	69.9	56.2	84.4

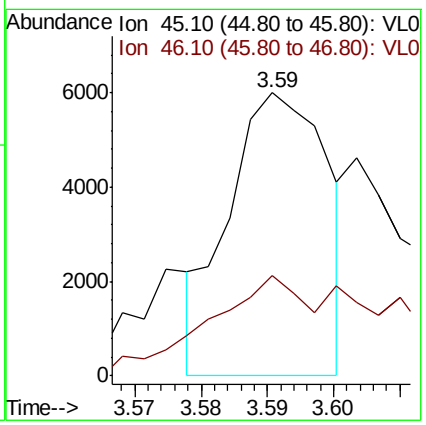


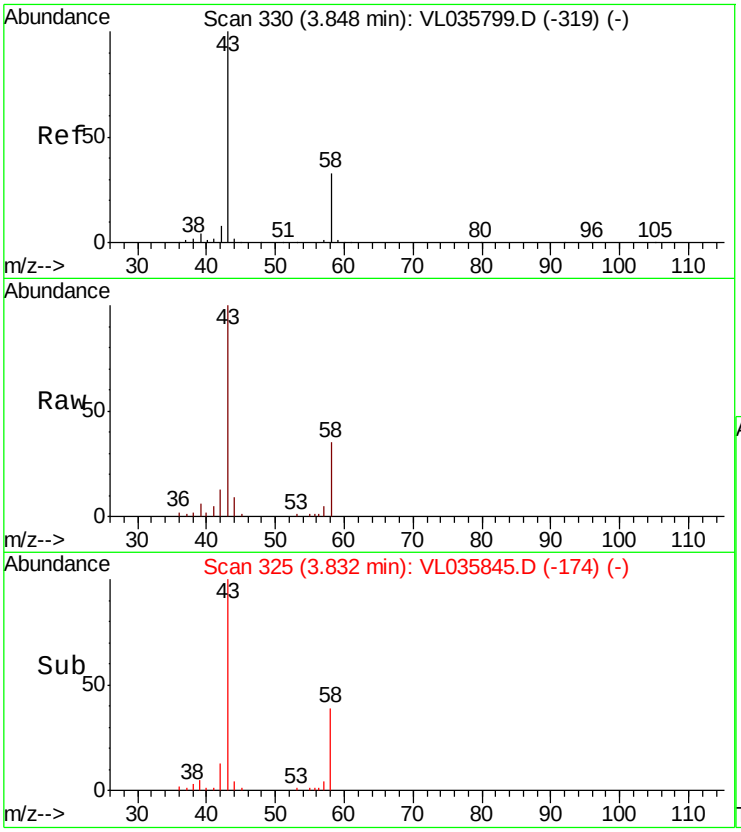


#13
Ethanol
Concen: 0.761 ppbv
RT: 3.59 min Scan# 250
Delta R.T. -0.02 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 45 Resp: 6202

Ion	Ratio	Lower	Upper
45	100		
46	94.8	16.1	64.5#



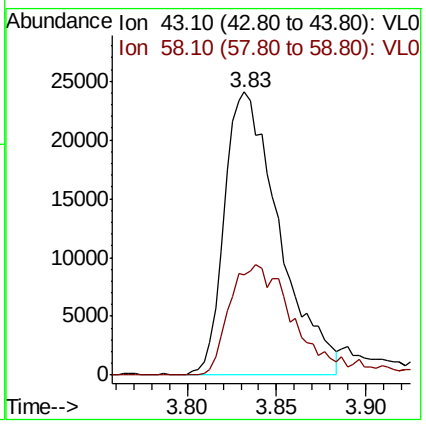


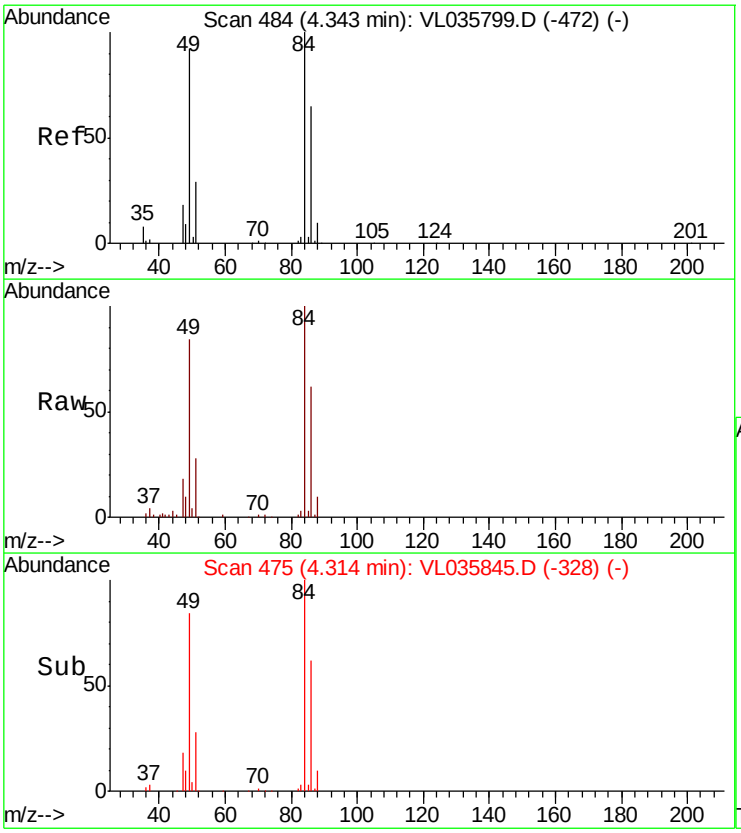
#15
Acetone
Concen: 0.563 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 51610

Ion	Ratio	Lower	Upper
43	100		
58	47.8	27.5	41.3#

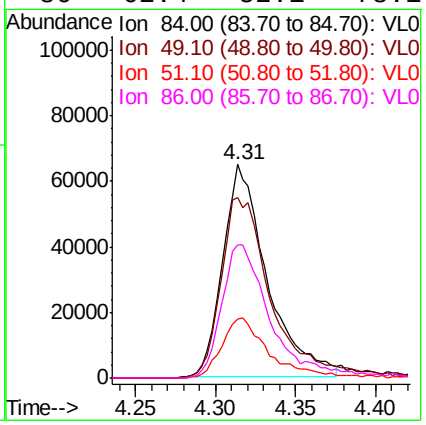


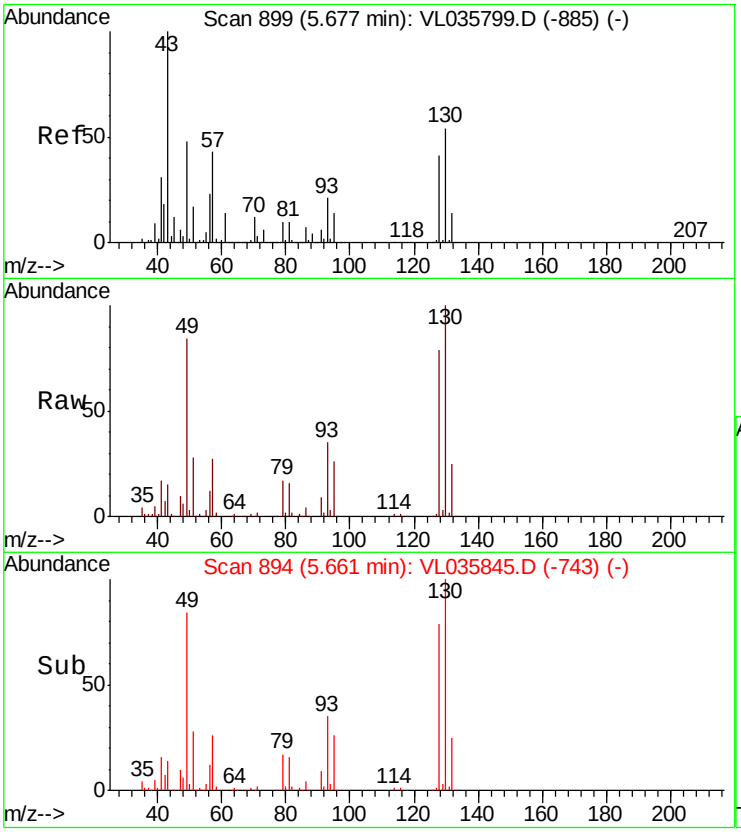


#20
Methylene Chloride
Concen: 1.920 ppbv
RT: 4.31 min Scan# 475
Delta R.T. -0.03 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 84 Resp: 123836

Ion	Ratio	Lower	Upper
84	100		
49	84.3	73.8	110.8
51	27.9	23.0	34.4
86	62.4	52.1	78.1



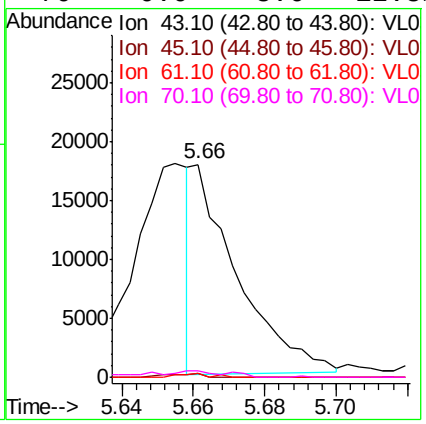


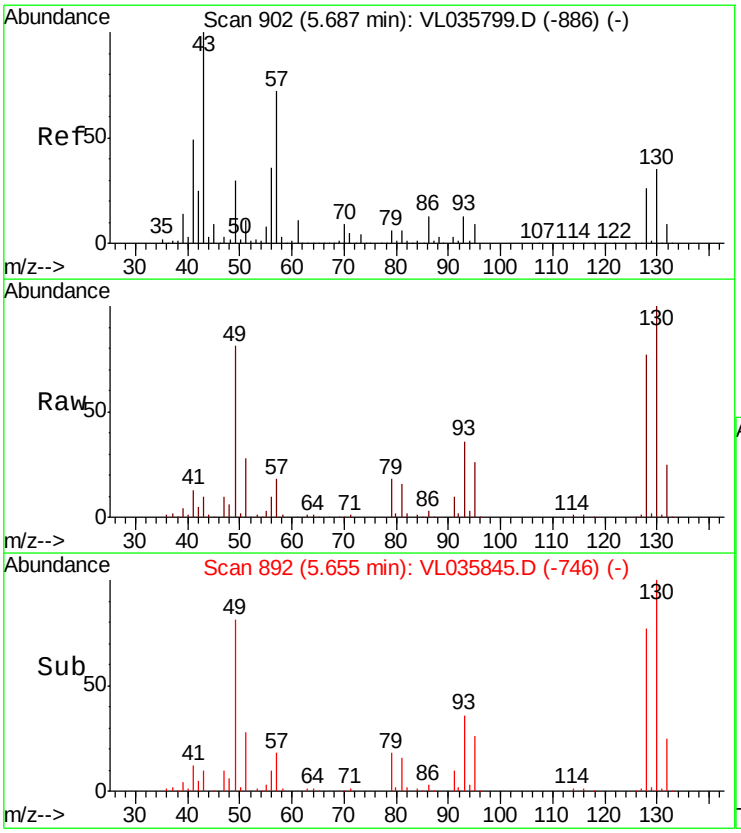
#25
Ethyl Acetate
Concen: 0.084 ppbv
RT: 5.66 min Scan# 894
Delta R.T. -0.02 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 15245

Ion	Ratio	Lower	Upper
43	100		
45	1.4	8.5	12.7#
61	1.3	10.7	16.1#
70	0.0	8.6	12.8#

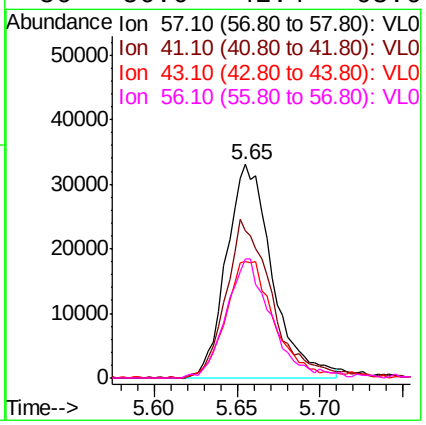


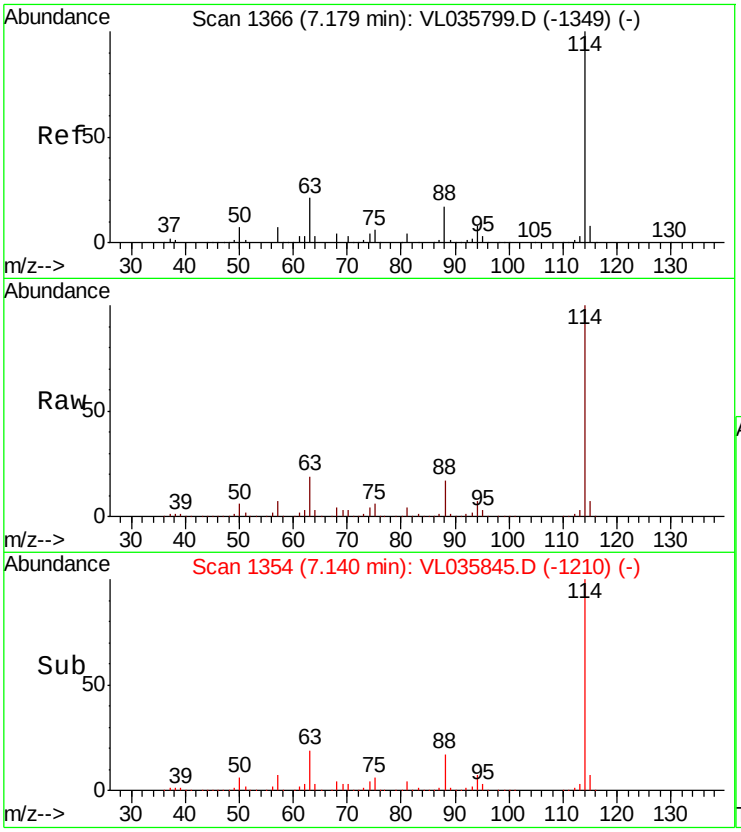


#26
Hexane
Concen: 0.638 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 57 Resp: 63514

Ion	Ratio	Lower	Upper
57	100		
41	75.9	58.9	88.3
43	59.6	150.2	225.2#
56	56.6	42.4	63.6



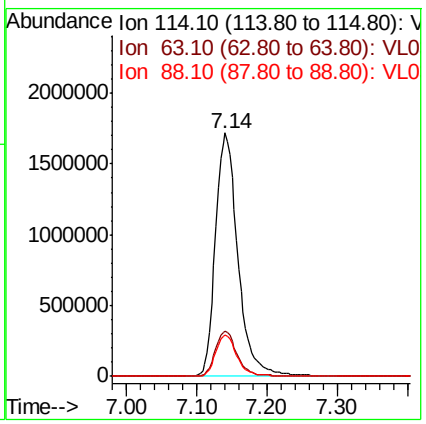


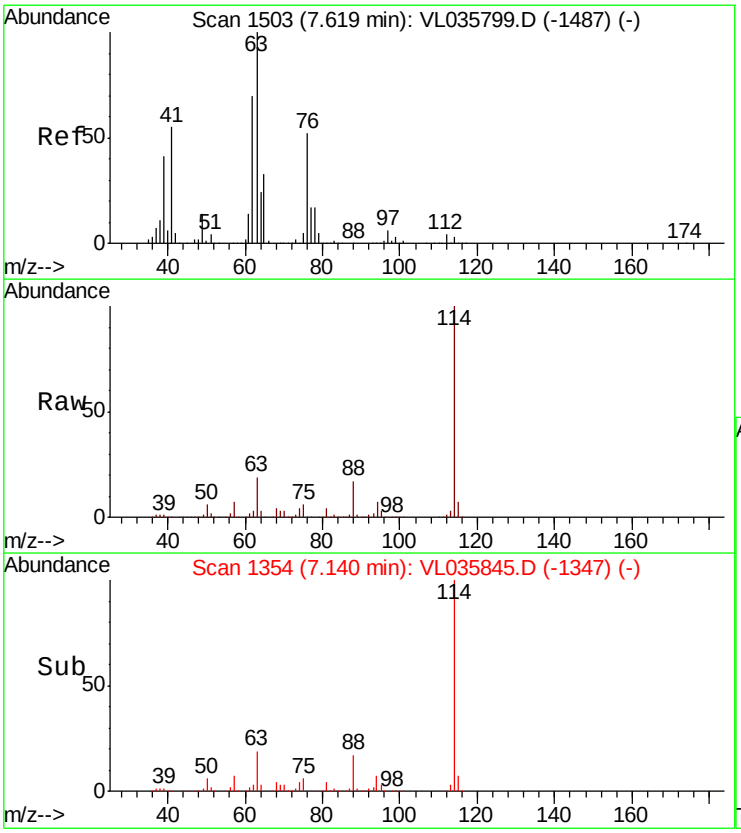
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.04 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3819222

Ion	Ratio	Lower	Upper
114	100		
63	18.2	16.1	24.1
88	16.5	13.7	20.5

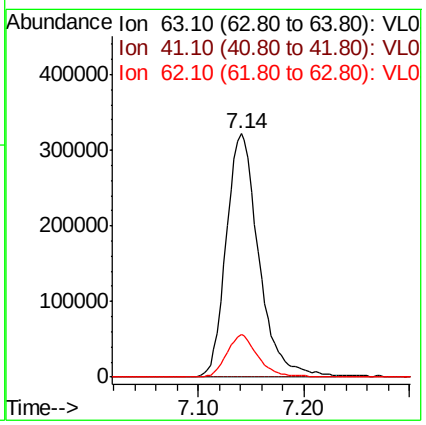


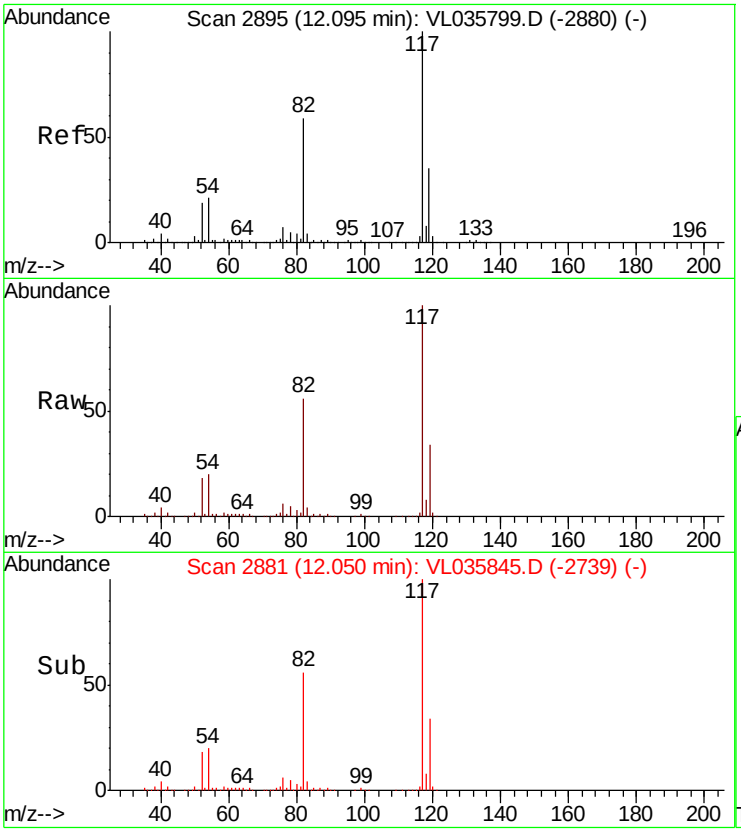


#39
1,2-Dichloropropane
Concen: 7.206 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.48 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 63 Resp: 688851

Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.4	56.2	84.2#



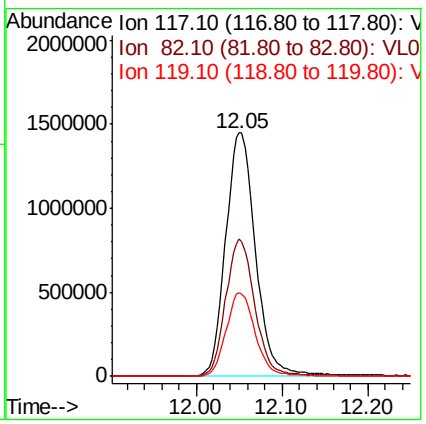


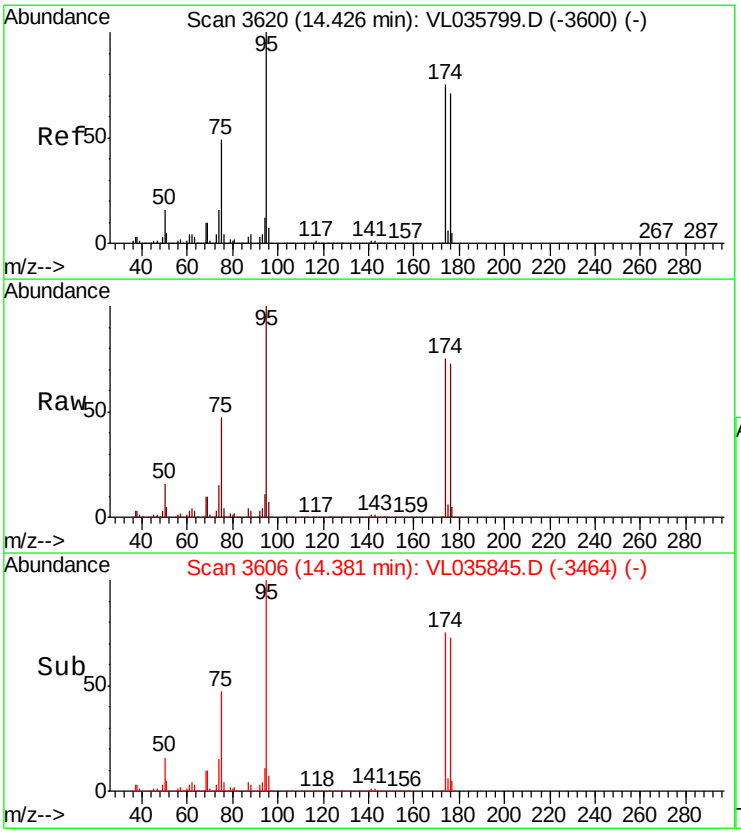
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2881
Delta R.T. -0.04 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 3502930

Ion	Ratio	Lower	Upper
117	100		
82	55.7	50.6	76.0
119	34.0	52.6	78.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.739 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.04 min
Lab File: VL035845.D
Acq: 4 Nov 2020 23:20

Tgt Ion: 95 Resp: 2423846

Ion	Ratio	Lower	Upper
95	100		
174	79.6	59.8	89.6
175	5.6	4.3	6.5