Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035367.D
Acq On : 7 Aug 2020 3:44
Operator : SY/AP
Sample : QC080320 CAN
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:31:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1154158	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2938402	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2874828	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2379224	9.92	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.20%			
Target Compounds						Qvalue
13) Ethanol	3.57	45	5307	0.328	ppbv	# 37
15) Acetone	3.82	43	64971	0.396	ppbv	# 62
20) Methylene Chloride	4.31	84	50087	0.749	ppbv	# 88
25) Ethyl Acetate	5.66	43	12625	0.051	ppbv	# 81
26) Hexane	5.67	57	5790	0.054	ppbv	# 1
39) 1,2-Dichloropropane	7.17	63	778483	9.692	ppbv	# 22

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

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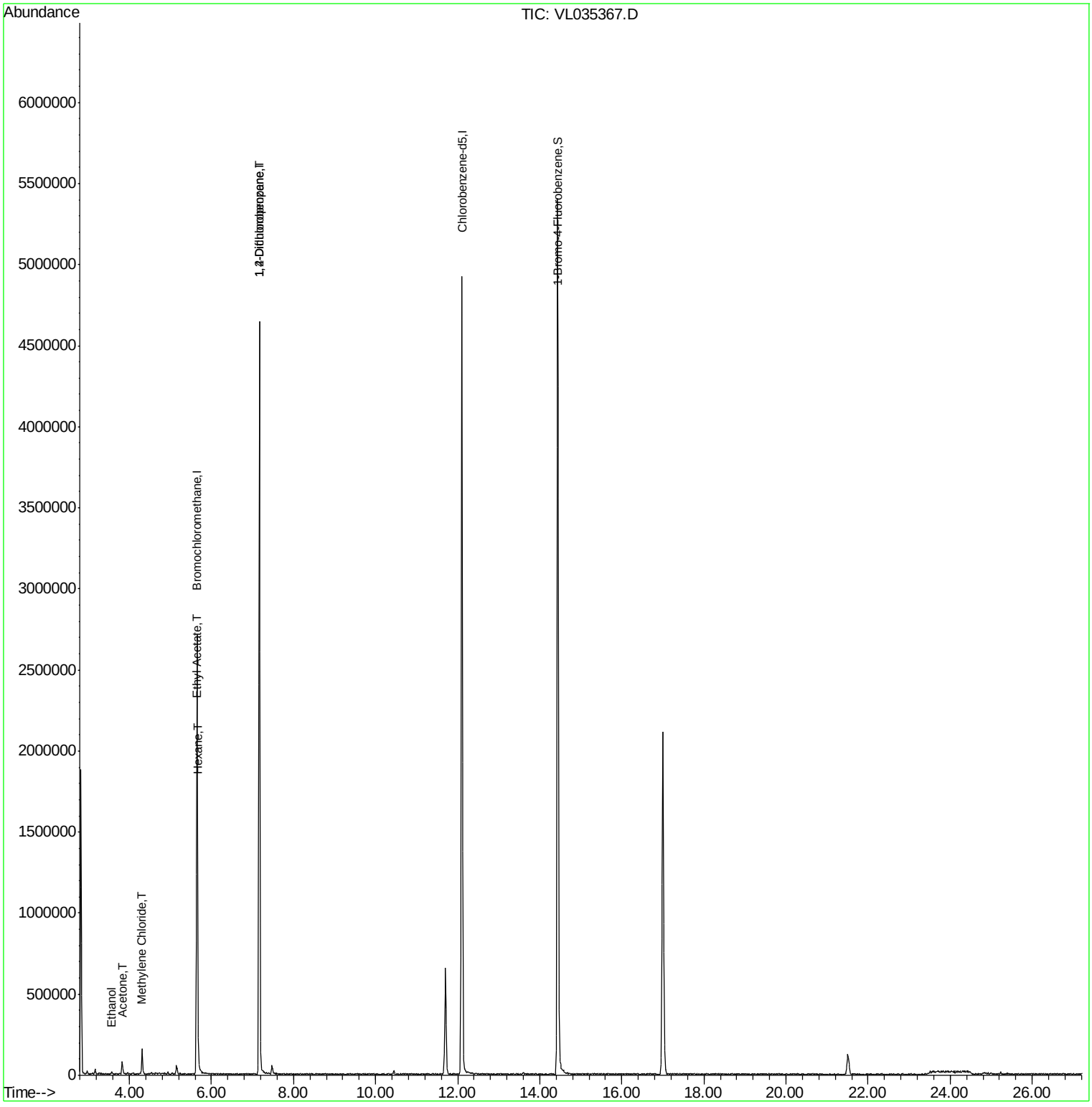
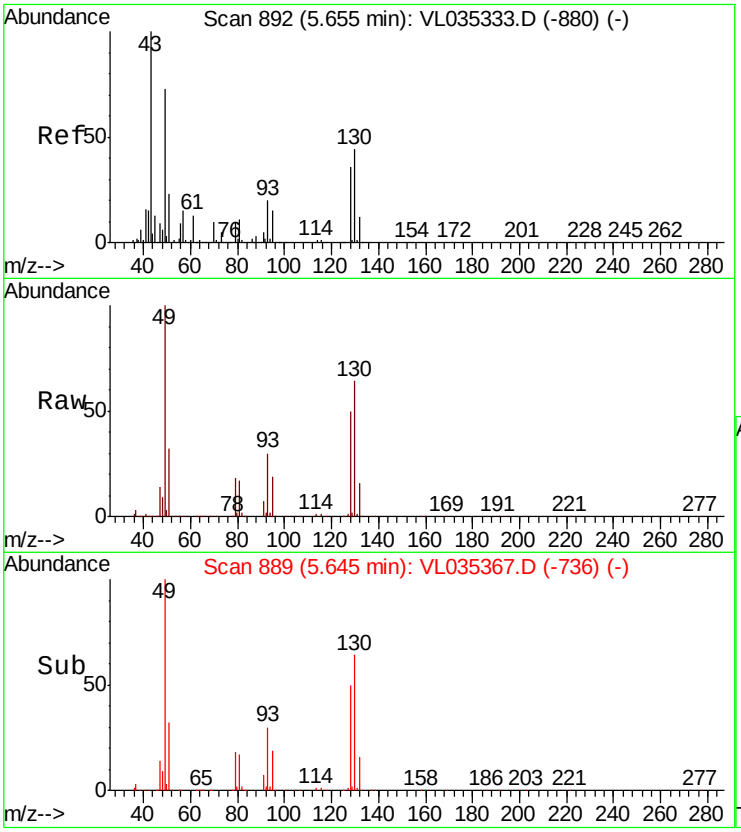


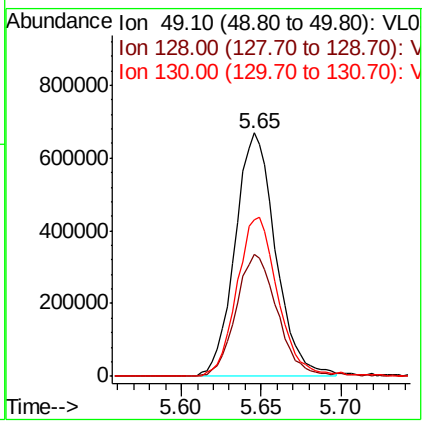


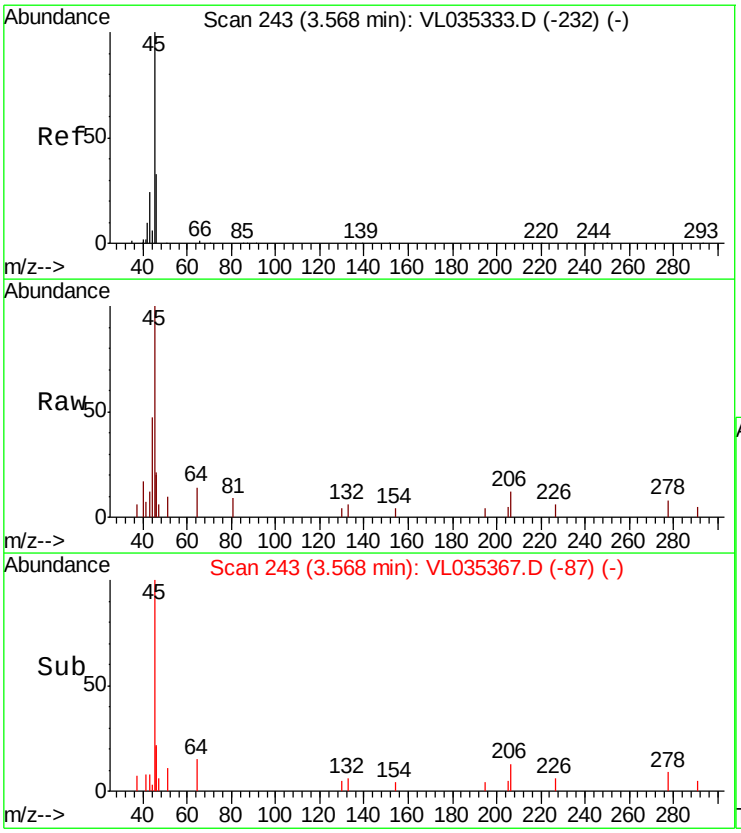
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1154158

Ion	Ratio	Lower	Upper
49	100		
128	51.9	25.4	76.0
130	67.1	32.1	96.3

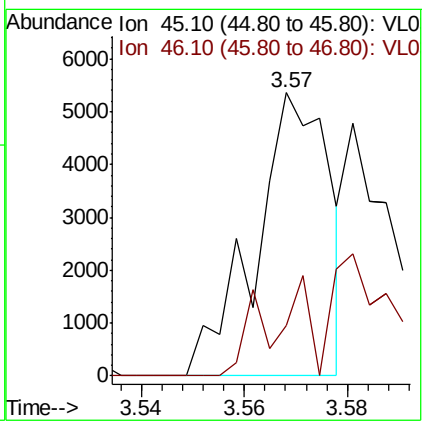


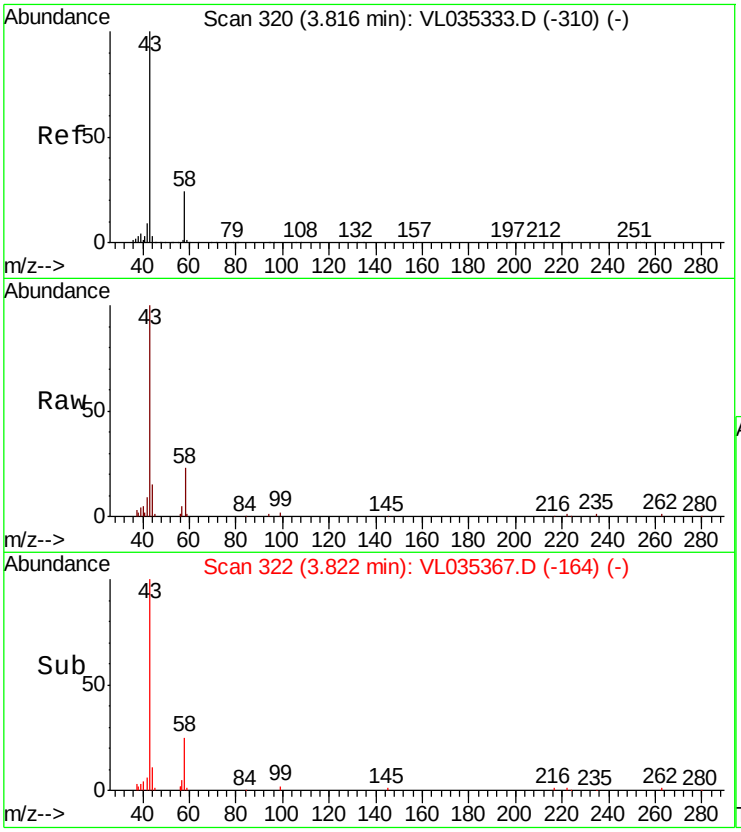


#13
Ethanol
Concen: 0.328 ppbv
RT: 3.57 min Scan# 243
Delta R.T. 0.00 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Tgt Ion: 45 Resp: 5307

Ion	Ratio	Lower	Upper
45	100		
46	0.0	15.2	61.0#



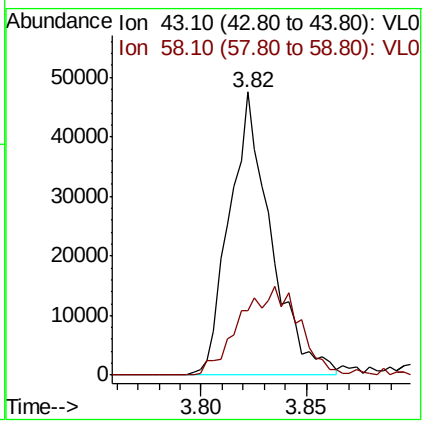


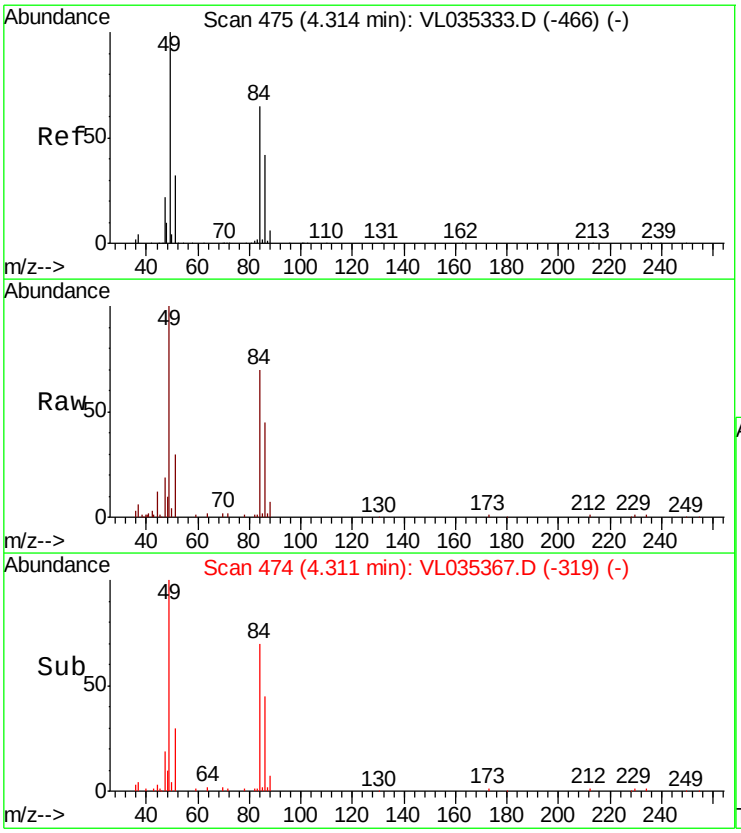
#15
Acetone
Concen: 0.396 ppbv
RT: 3.82 min Scan# 322
Delta R.T. 0.01 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 64971

Ion	Ratio	Lower	Upper
43	100		
58	45.8	21.0	31.4#

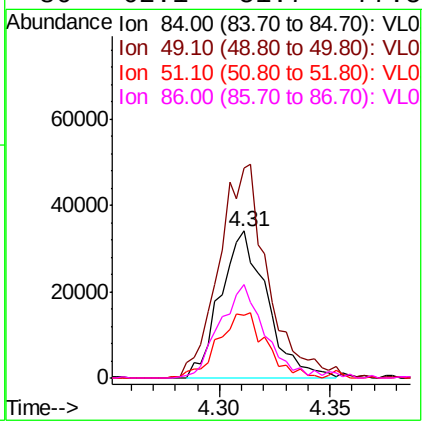


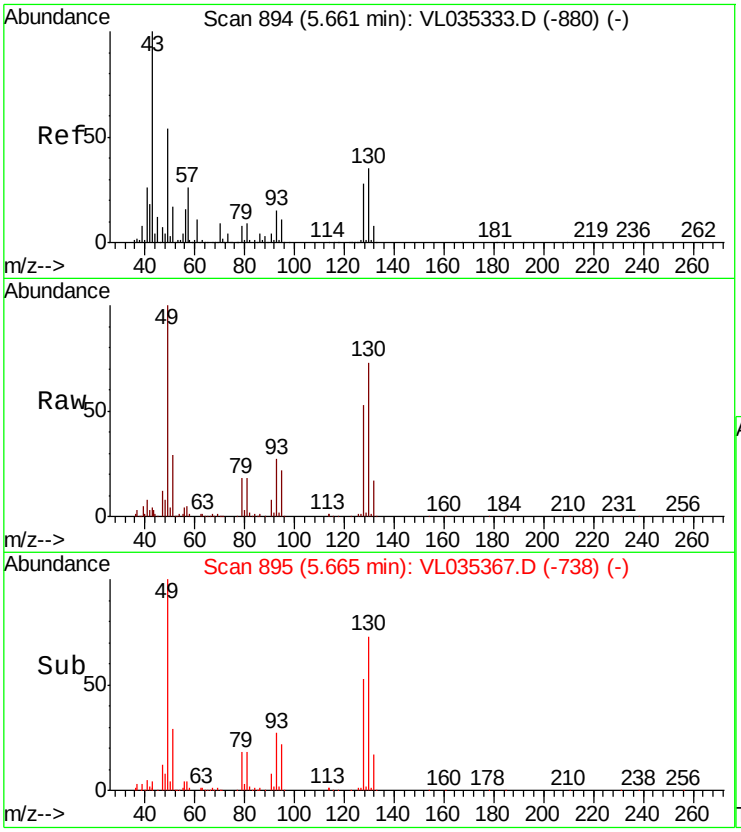


#20
Methylene Chloride
Concen: 0.749 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Tgt Ion: 84 Resp: 50087

Ion	Ratio	Lower	Upper
84	100		
49	135.4	122.8	184.2
51	38.6	40.1	60.1#
86	62.1	51.7	77.5



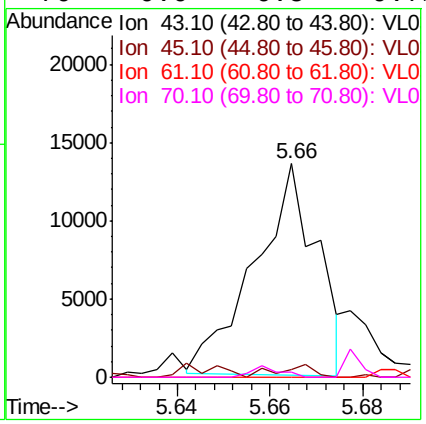


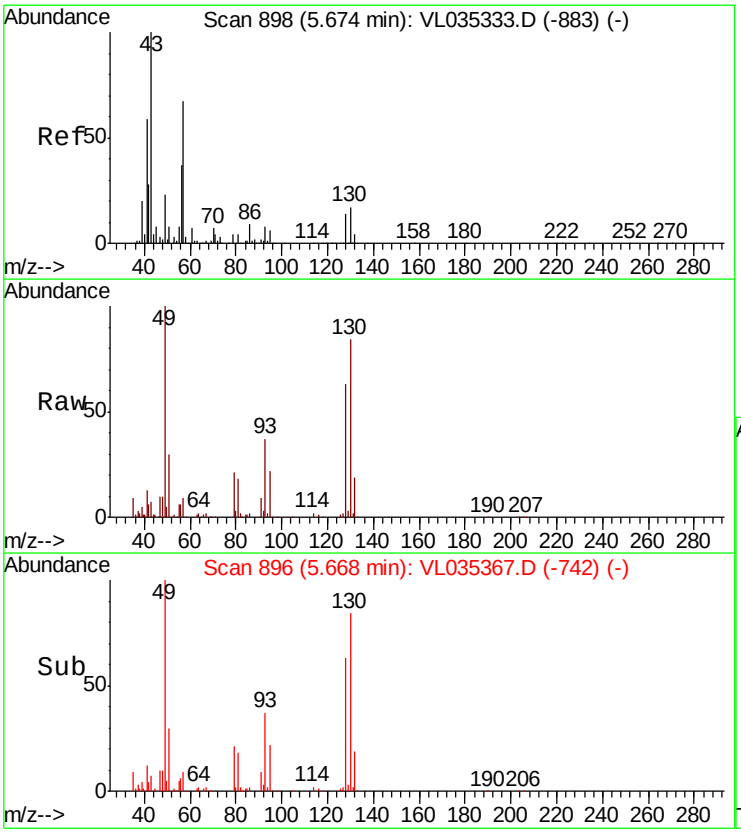
#25
Ethyl Acetate
Concen: 0.051 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 12625

Ion	Ratio	Lower	Upper
43	100		
45	7.4	8.5	12.7#
61	0.0	8.1	12.1#
70	0.0	6.5	9.7#

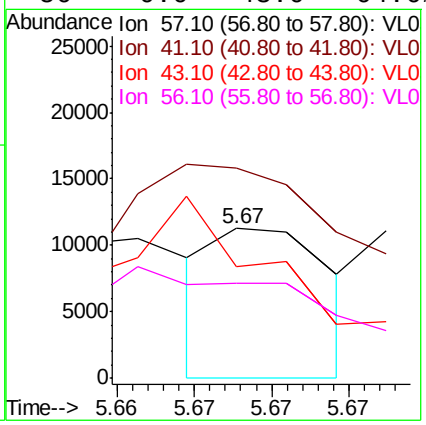


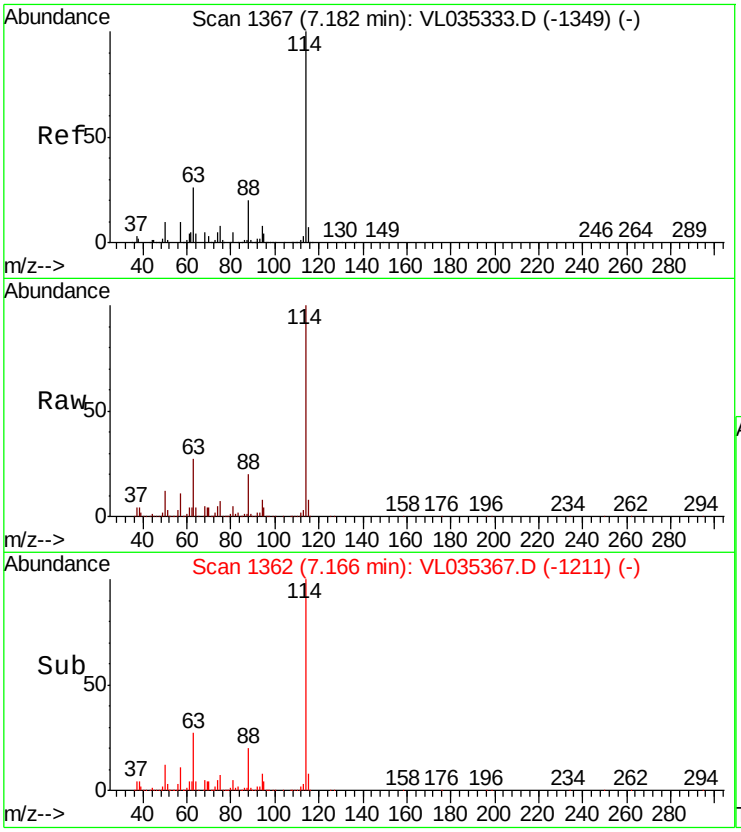


#26
Hexane
Concen: 0.054 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Tgt Ion: 57 Resp: 5790

Ion	Ratio	Lower	Upper
57	100		
41	449.5	75.2	112.8#
43	276.8	180.6	270.8#
56	0.0	43.0	64.6#



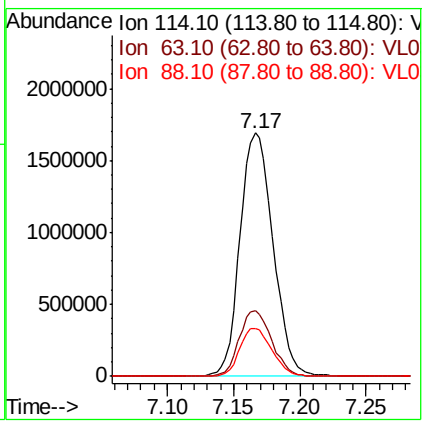


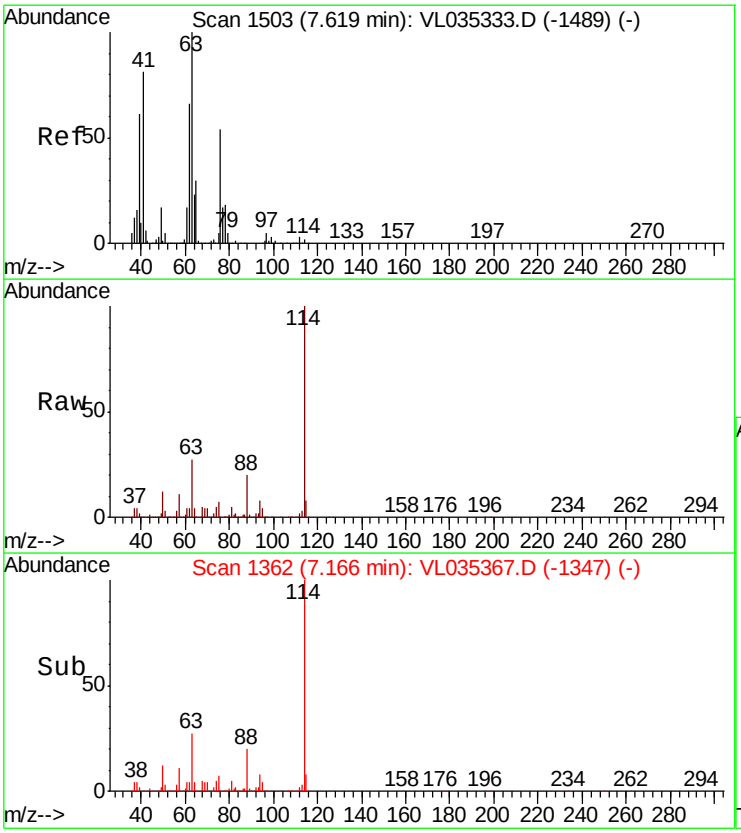
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.02 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 2938402

Ion	Ratio	Lower	Upper
114	100		
63	26.6	21.3	31.9
88	19.3	15.3	22.9

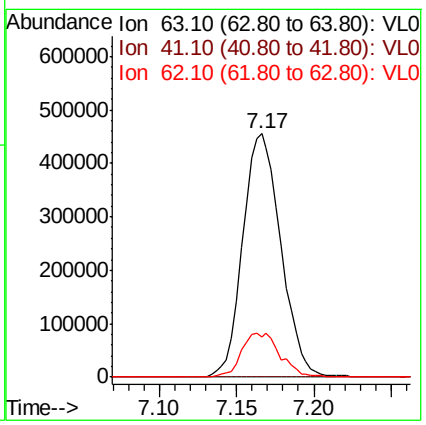


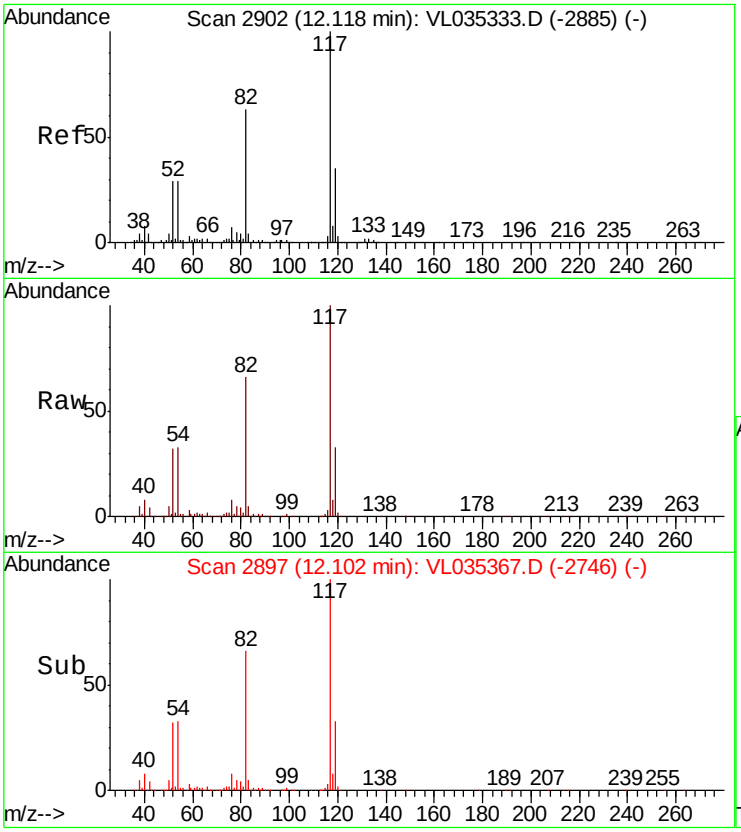


#39
1,2-Dichloropropane
Concen: 9.692 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Tgt Ion: 63 Resp: 778483

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.4	96.6#
62	16.5	52.6	78.8#



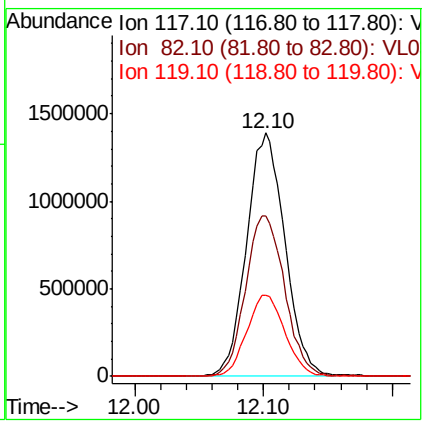


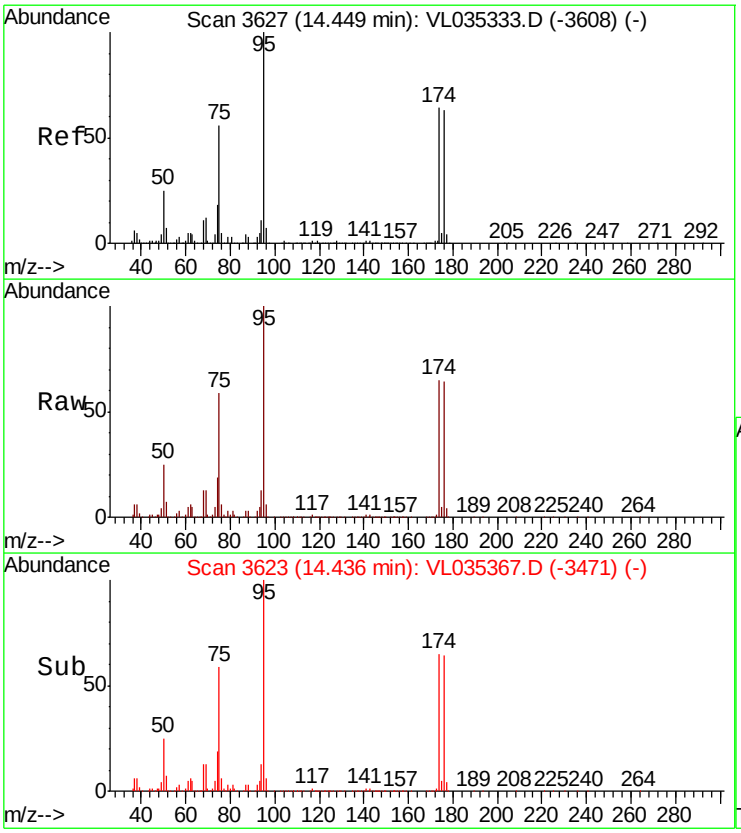
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2874828

Ion	Ratio	Lower	Upper
117	100		
82	67.8	51.0	76.4
119	33.3	24.7	37.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.924 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL035367.D
Acq: 7 Aug 2020 3:44

Tgt Ion: 95 Resp: 2379224

Ion	Ratio	Lower	Upper
95	100		
174	66.7	53.5	80.3
175	5.0	4.2	6.2