Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121318\
Data File : VL032985.D
Acq On : 13 Dec 2018 15:48
Operator : SY/AP
Sample : VL1213ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1213ABL01

Quant Time: Dec 14 01:08:23 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL120718AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Dec 07 09:35:17 2018
QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1188874	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3060403	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3036085	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2251954	10.04	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%			
Target Compounds						Qvalue
4) Chloromethane	3.17	50	6736	0.129	ppbv #	84
13) Ethanol	3.67	45	372	0.030	ppbv #	40
15) Acetone	3.93	43	14924	0.146	ppbv #	88
20) Methylene Chloride	4.41	84	20869	0.418	ppbv	96
30) Cyclohexane	7.27	84	4286	0.046	ppbv #	1
39) 1,2-Dichloropropane	7.29	63	767266	8.988	ppbv #	22

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

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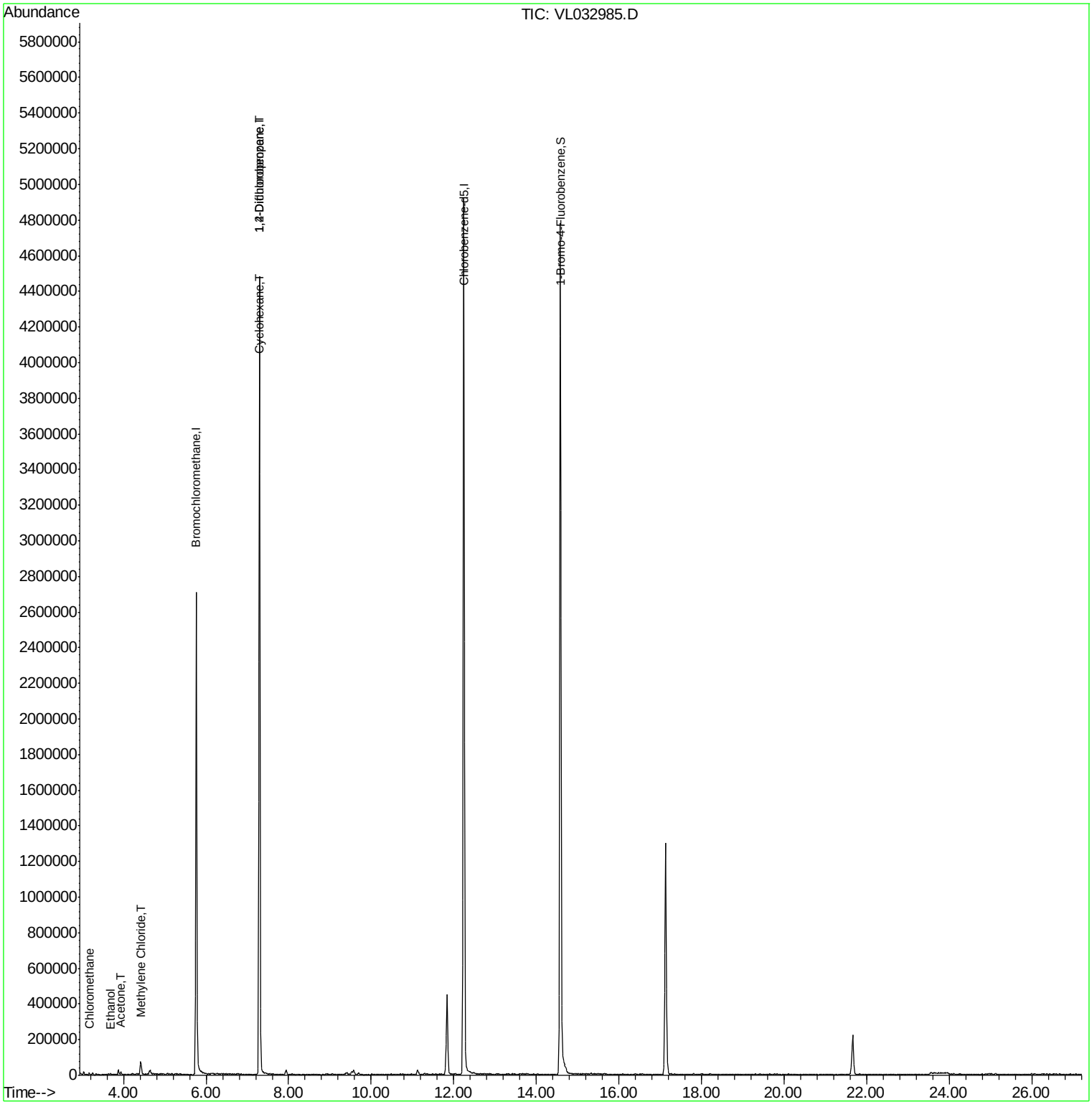
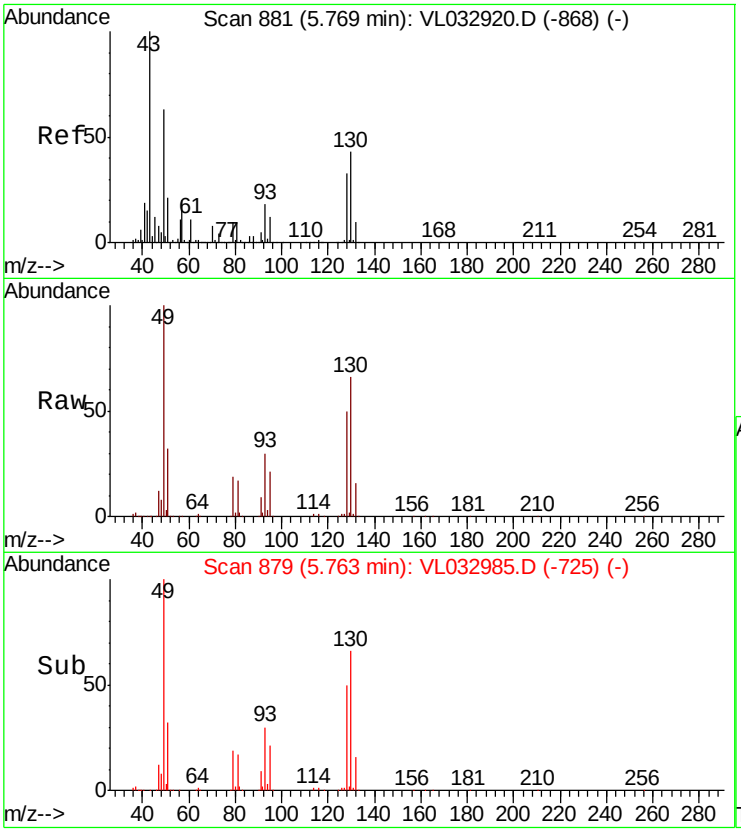


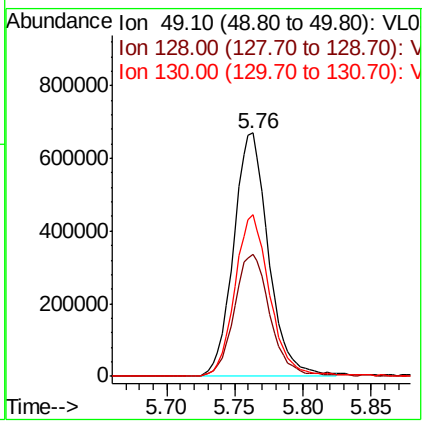


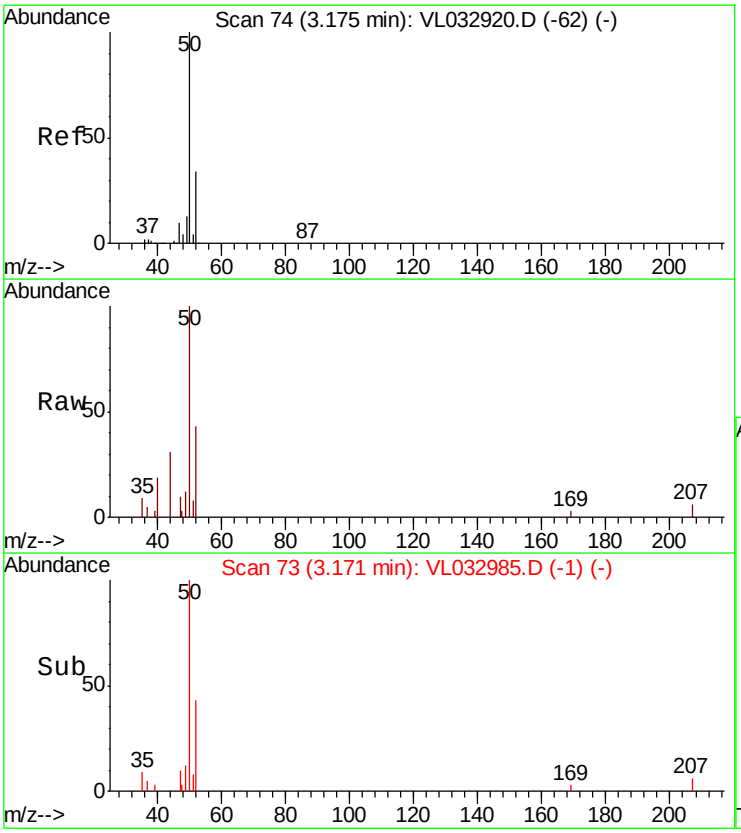
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 879
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument :
MSVOA_L
ClientSampleId :
VL1213ABL01

Tgt Ion: 49 Resp: 1188874

Ion	Ratio	Lower	Upper
49	100		
128	51.6	26.3	78.8
130	67.5	33.9	101.7

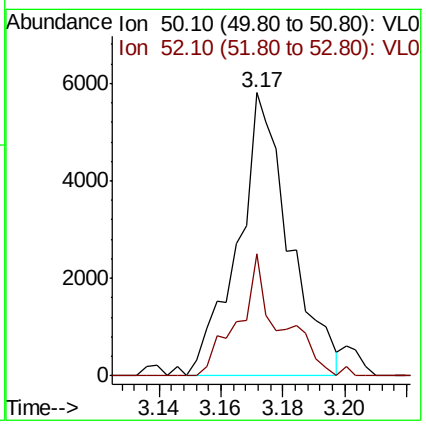


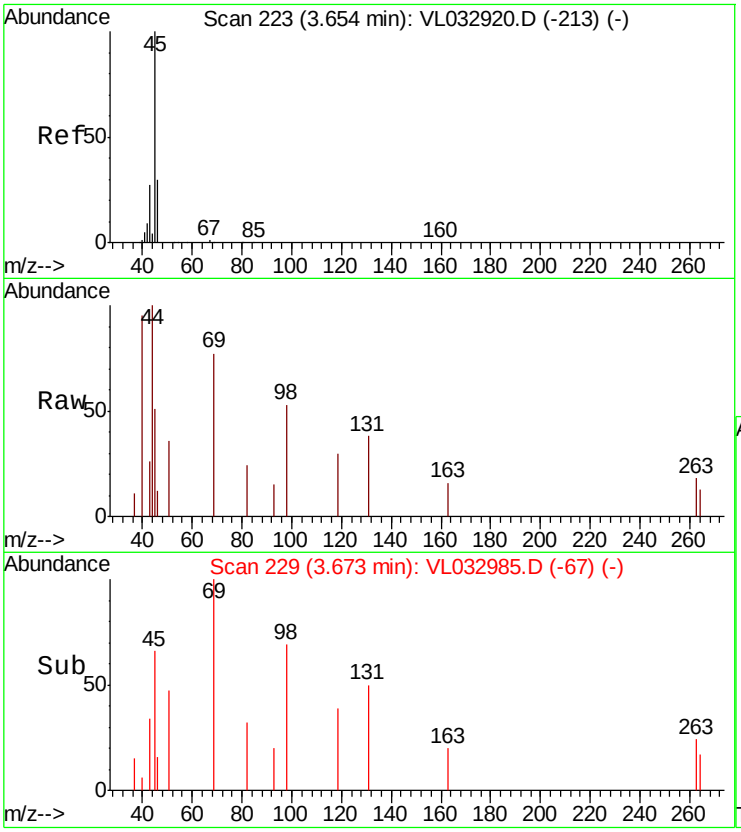


#4
Chloromethane
Concen: 0.129 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 50 Resp: 6736

Ion	Ratio	Lower	Upper
50	100		
52	43.1	27.3	40.9#



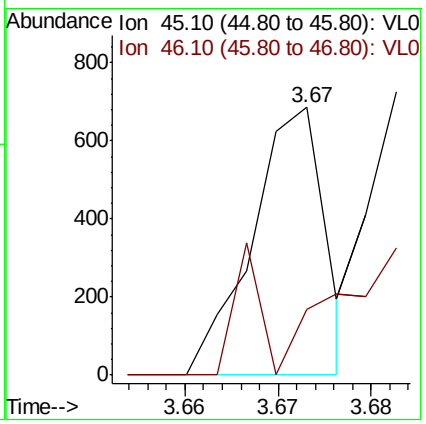


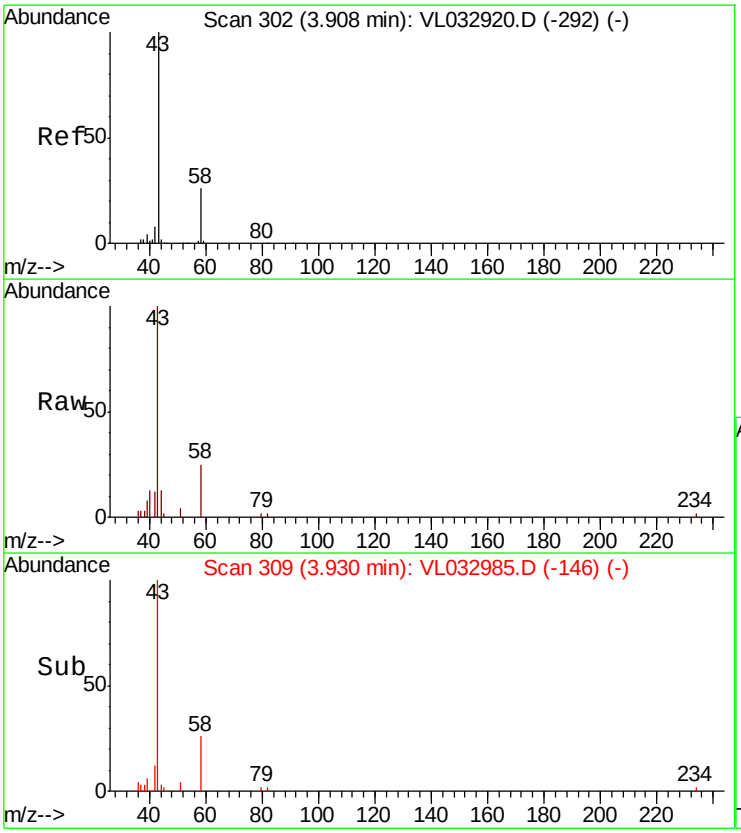
#13
Ethanol
Concen: 0.030 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.02 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument : MSVOA_L
ClientSampleId : VL1213ABL01

Tgt Ion: 45 Resp: 372

Ion	Ratio	Lower	Upper
45	100		
46	0.0	13.8	55.4#

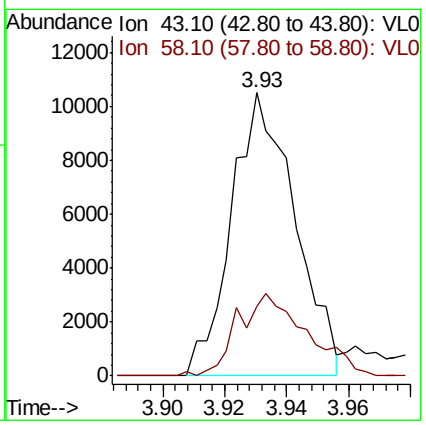


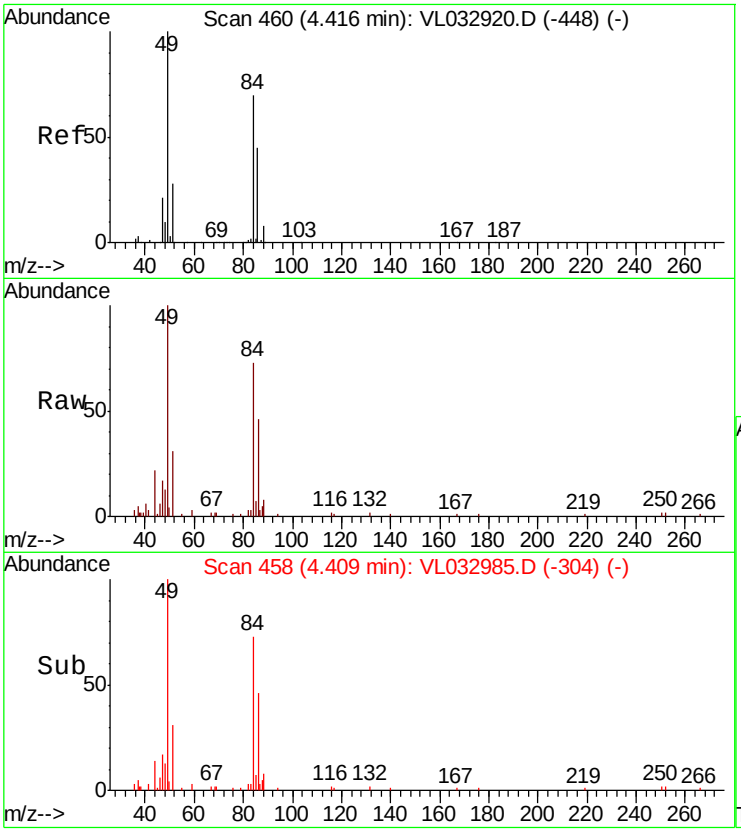


#15
Acetone
Concen: 0.146 ppbv
RT: 3.93 min Scan# 309
Delta R.T. 0.02 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 43 Resp: 14924

Ion	Ratio	Lower	Upper
43	100		
58	31.8	20.6	30.8#



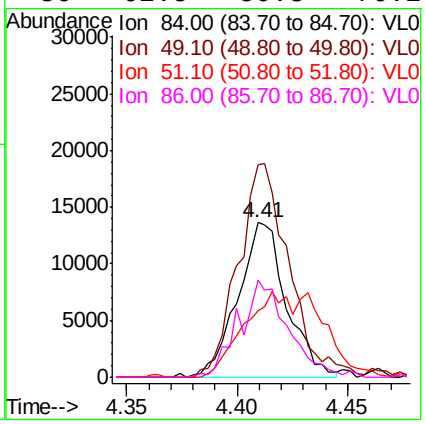


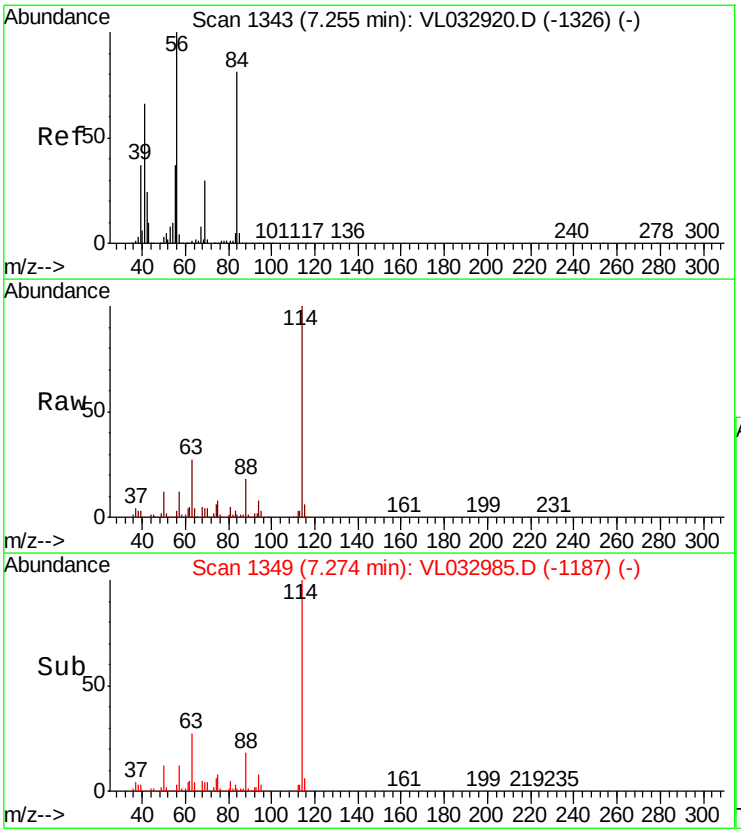
#20
Methylene Chloride
Concen: 0.418 ppbv
RT: 4.41 min Scan# 458
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument : MSVOA_L
ClientSampleId : VL1213ABL01

Tgt Ion: 84 Resp: 20869

Ion	Ratio	Lower	Upper
84	100		
49	137.3	113.8	170.8
51	43.2	31.8	47.8
86	62.5	50.8	76.2

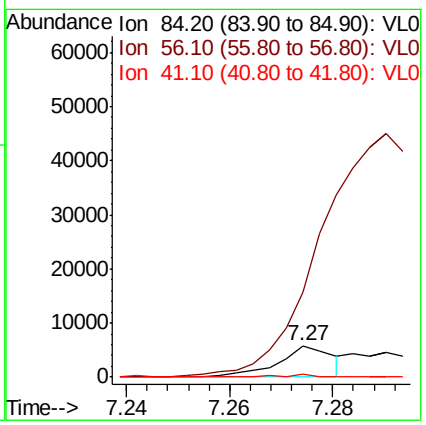


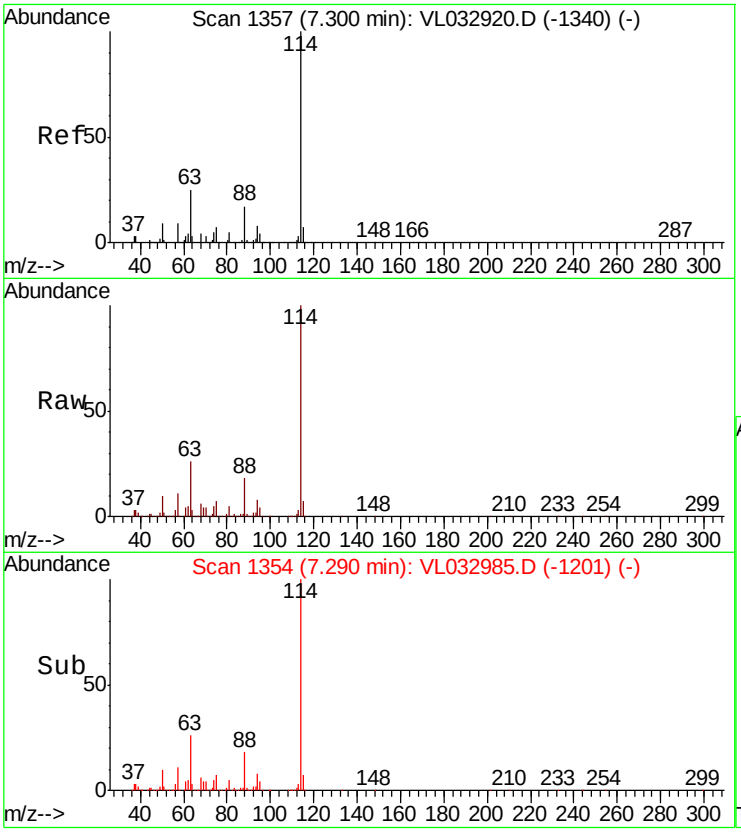


#30
Cyclohexane
Concen: 0.046 ppbv
RT: 7.27 min Scan# 1349
Delta R.T. 0.02 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 84 Resp: 4286

Ion	Ratio	Lower	Upper
84	100		
56	0.0	102.5	153.7#
41	4.4	64.1	96.1#



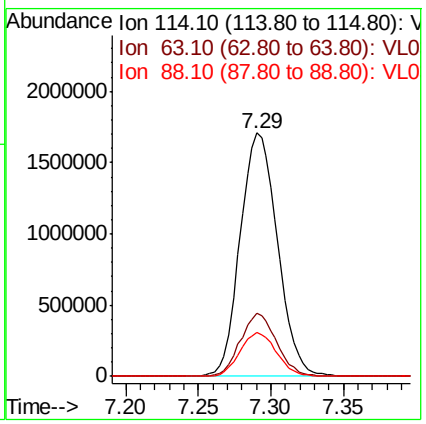


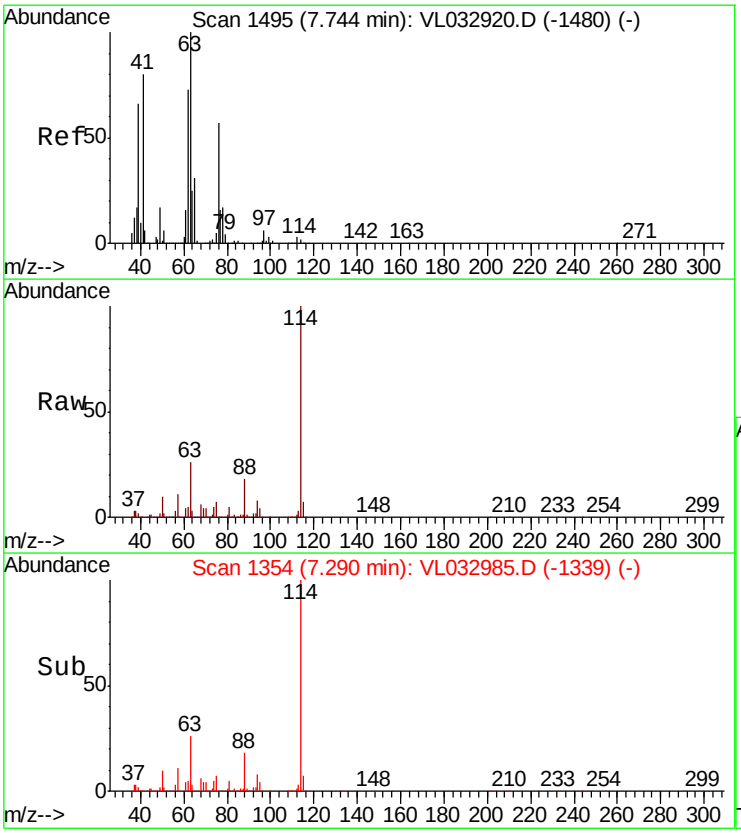
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument : MSVOA_L
ClientSampleId : VL1213ABL01

Tgt Ion:114 Resp: 3060403

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	17.8	14.2	21.4

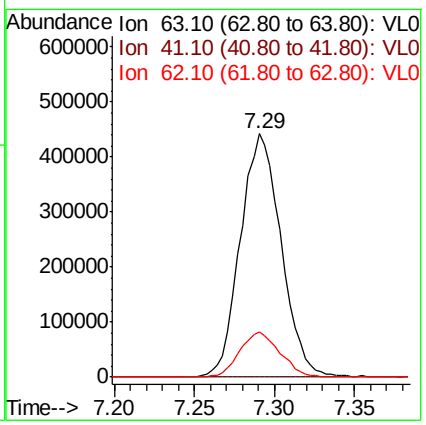


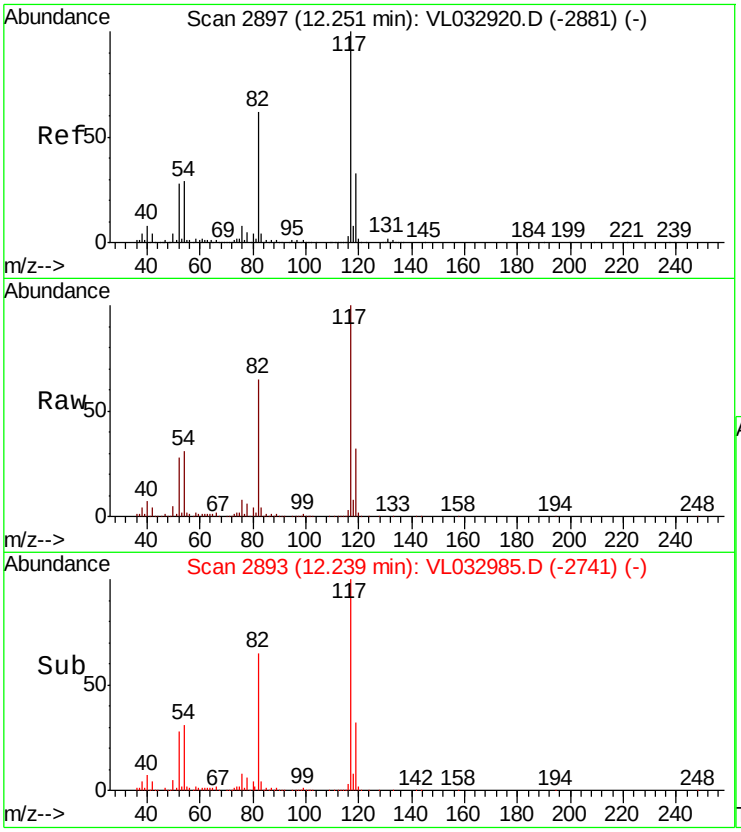


#39
1,2-Dichloropropane
Concen: 8.988 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.45 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 63 Resp: 767266

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	18.7	58.8	88.2#



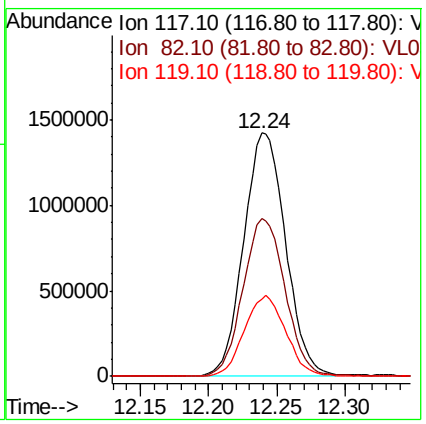


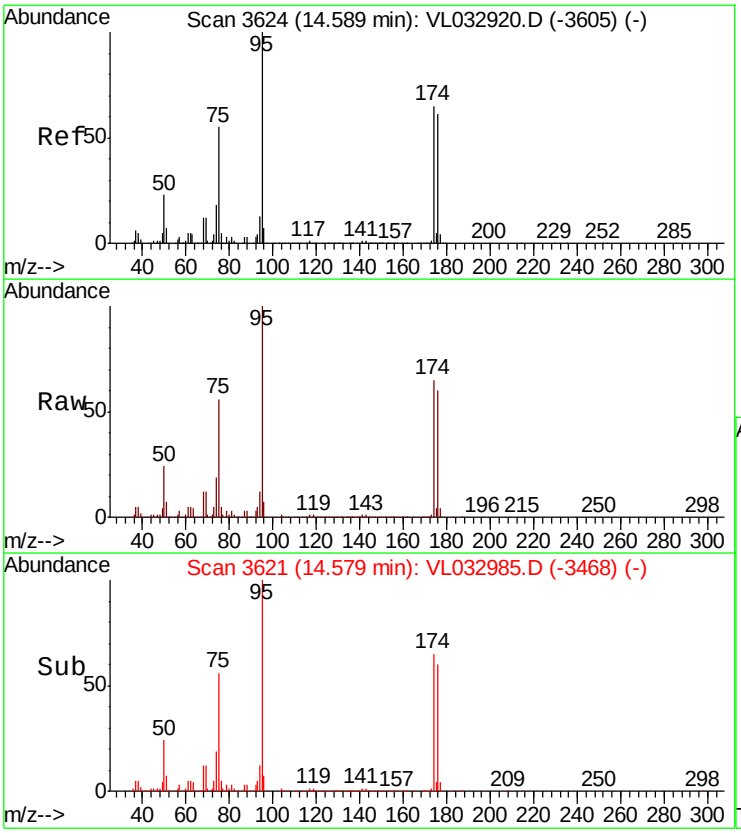
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2893
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Instrument : MSVOA_L
ClientSampleId : VL1213ABL01

Tgt Ion:117 Resp: 3036085

Ion	Ratio	Lower	Upper
117	100		
82	66.0	47.8	71.8
119	32.8	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.040 ppbv
RT: 14.58 min Scan# 3621
Delta R.T. -0.01 min
Lab File: VL032985.D
Acq: 13 Dec 2018 15:48

Tgt Ion: 95 Resp: 2251954

Ion	Ratio	Lower	Upper
95	100		
174	65.4	51.4	77.0
175	4.7	3.8	5.6