Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

Quantitation Report (Not Reviewed)

Data File : VL033580.D
Acq On : 11 Apr 2019 1:36
Operator : SY/AP
Sample : K2312-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-8DL

Quant Time: Apr 11 03:48:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	789940	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	1808088	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.24	117	1825373	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.57	95	1462739	10.22	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	7806	0.068	ppbv		89
3) Chlorodifluoromethane	3.02	51	4320	0.048	ppbv	#	85
9) Propene	3.05	41	4924	0.129	ppbv	#	79
13) Ethanol	3.67	45	13070	1.322	ppbv		73
15) Acetone	3.91	43	68584	0.722	ppbv		97
20) Methylene Chloride	4.41	84	41460	1.028	ppbv		91
25) Ethyl Acetate	5.78	43	42067	0.239	ppbv	#	91
26) Hexane	5.78	57	35432	0.452	ppbv	#	53
39) 1,2-Dichloropropane	7.28	63	489815	8.242	ppbv	#	24

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

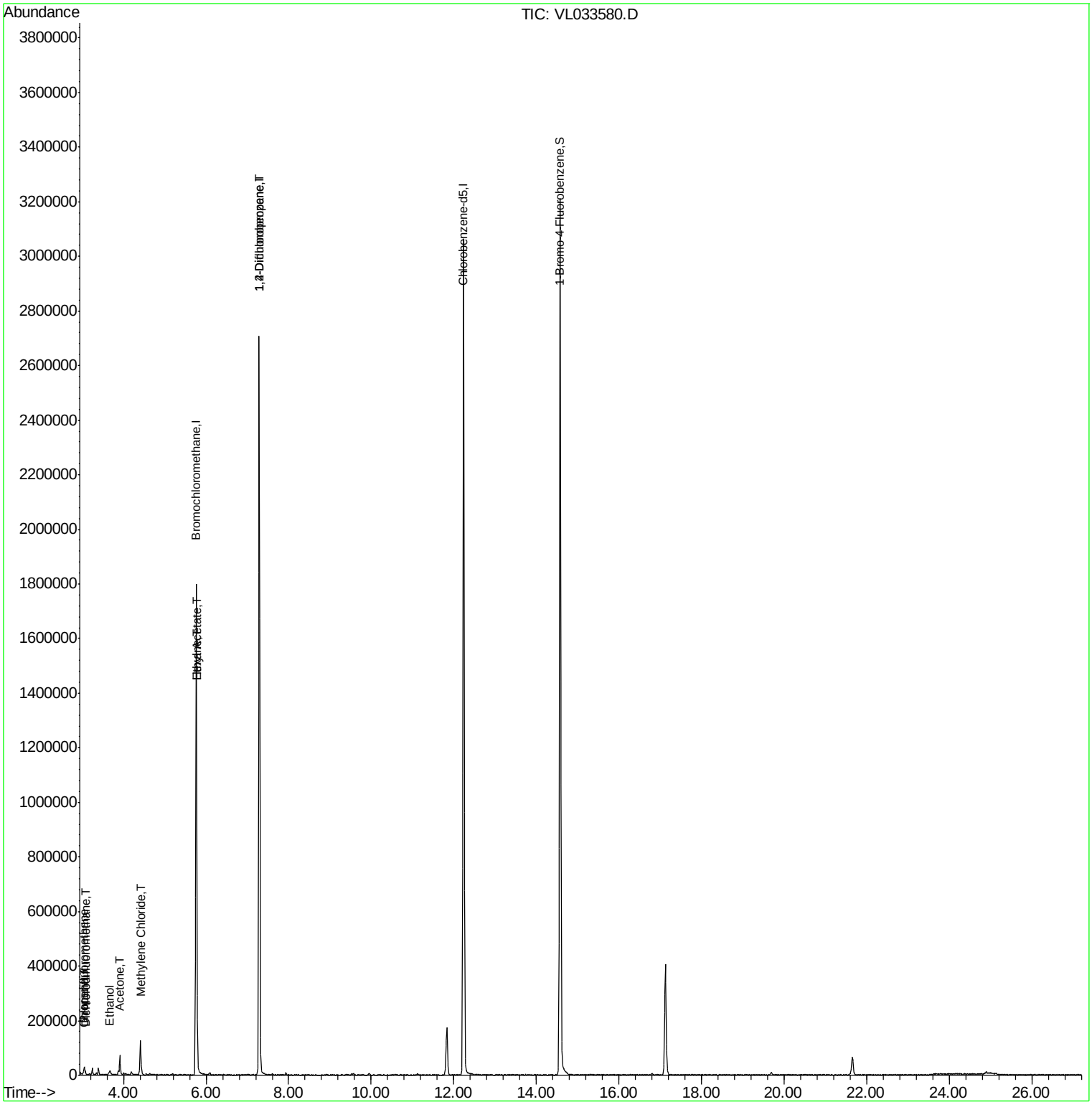
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL041019\

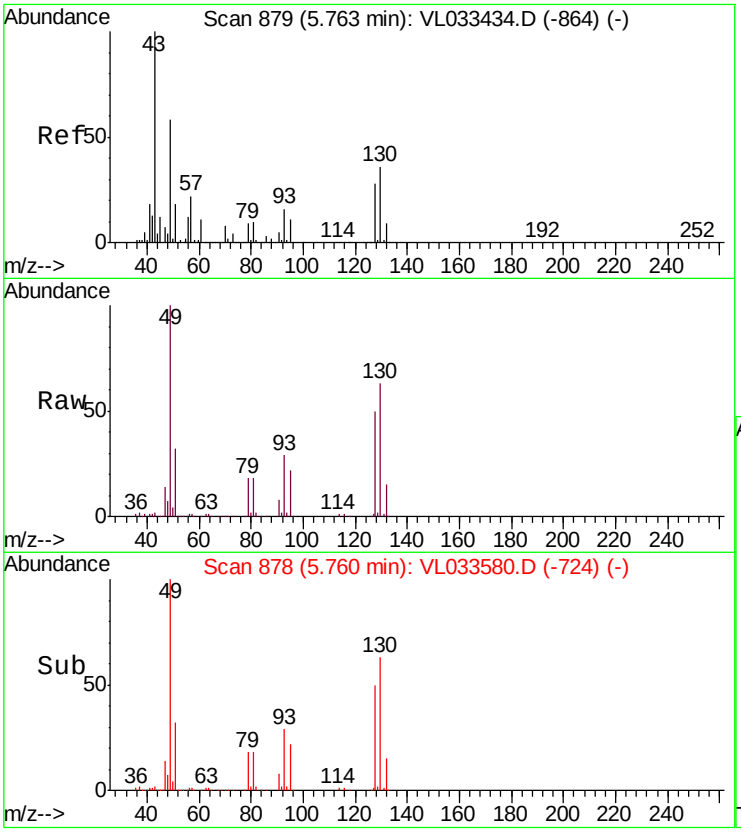
Quantitation Report (Not Reviewed)

Data File : VL033580.D
Acq On : 11 Apr 2019 1:36
Operator : SY/AP
Sample : K2312-03DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : A-8DL

Quant Time: Apr 11 03:48:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 26 16:00:50 2019
QLast Update : Tue Mar 26 16:00:50 2019
Response via : Initial Calibration



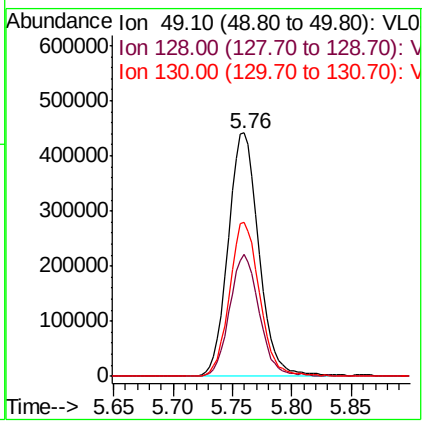


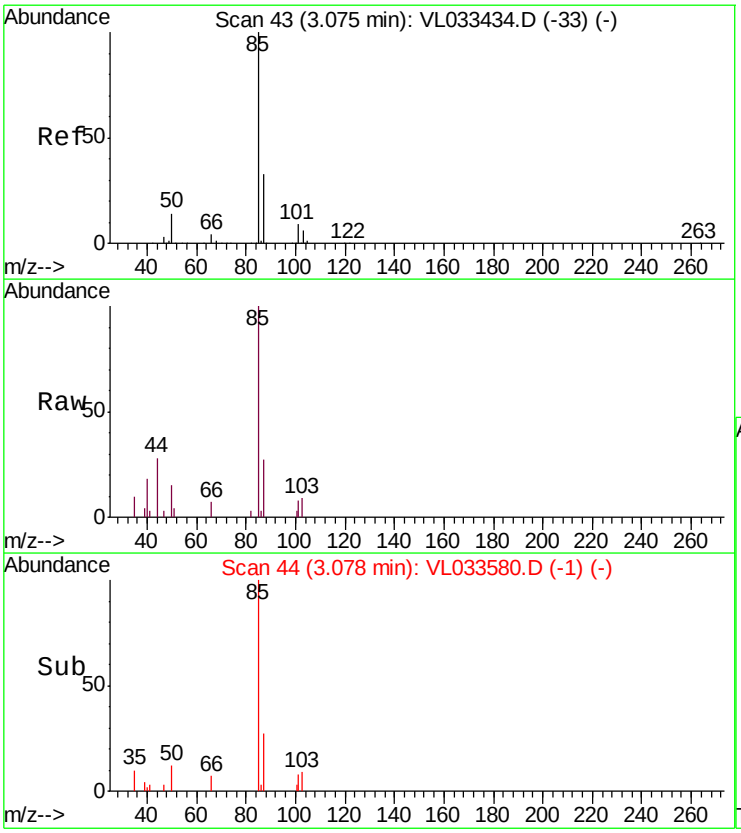
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. -0.00 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
A-8DL

Tgt Ion: 49 Resp: 789940

Ion	Ratio	Lower	Upper
49	100		
128	48.8	24.0	72.0
130	62.1	31.2	93.6

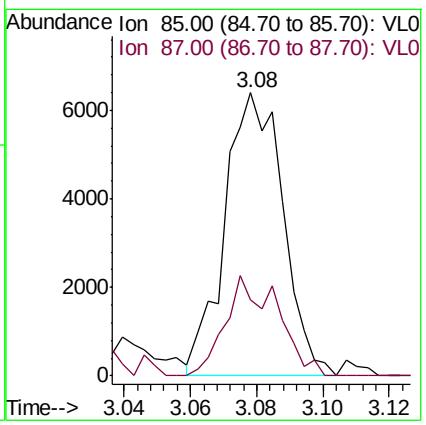


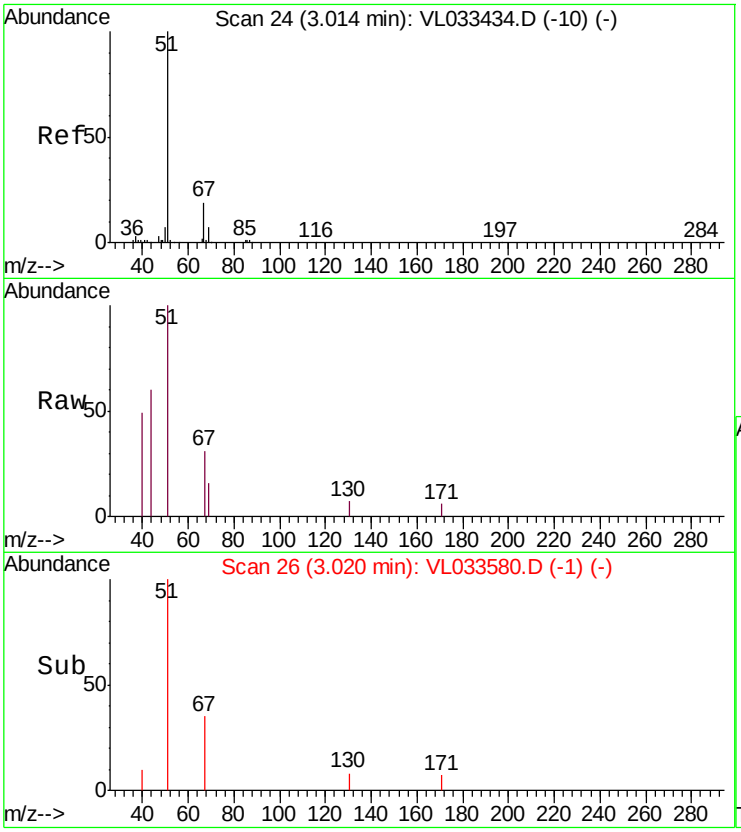


#2
Dichlorodifluoromethane
Concen: 0.068 ppbv
RT: 3.08 min Scan# 44
Delta R.T. 0.00 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion: 85 Resp: 7806

Ion	Ratio	Lower	Upper
85	100		
87	27.0	26.7	40.1



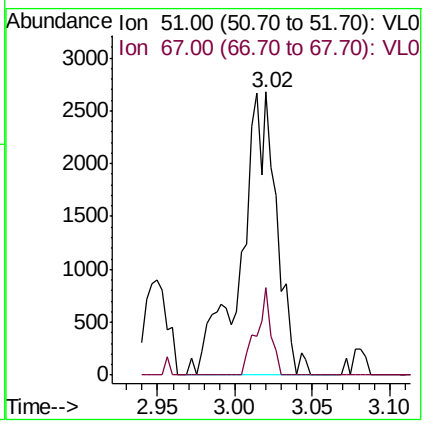


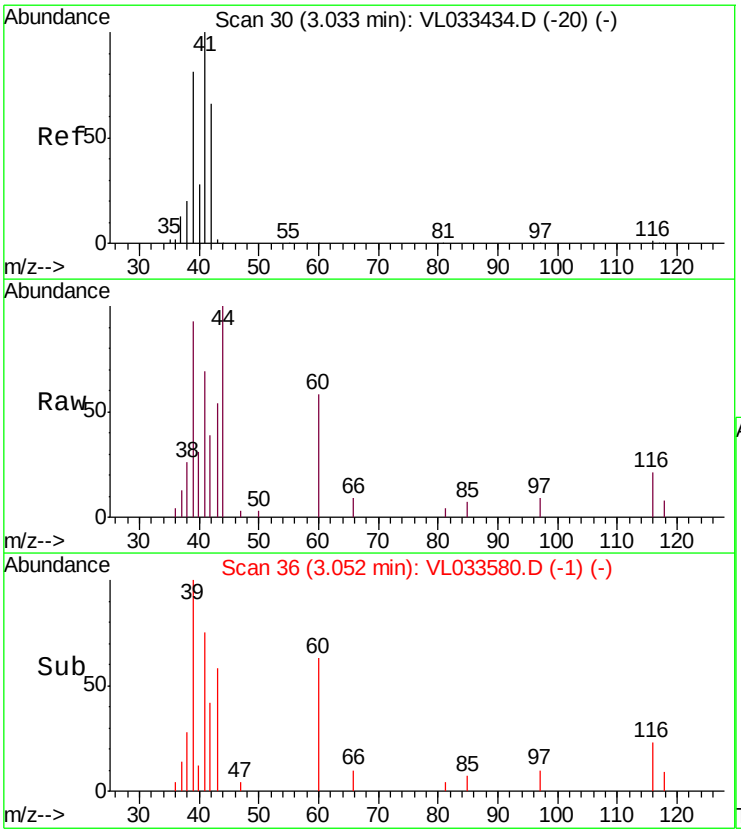
#3
Chlorodifluoromethane
Concen: 0.048 ppbv
RT: 3.02 min Scan# 26
Delta R.T. 0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 51 Resp: 4320

Ion	Ratio	Lower	Upper
51	100		
67	13.0	15.7	23.5#

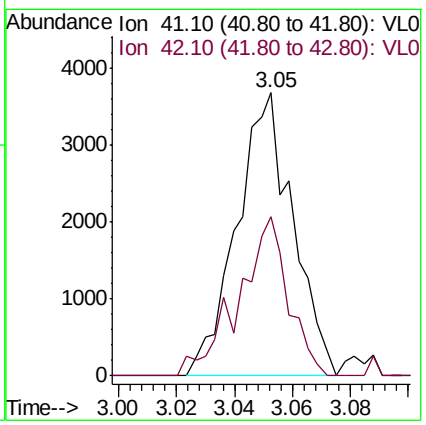


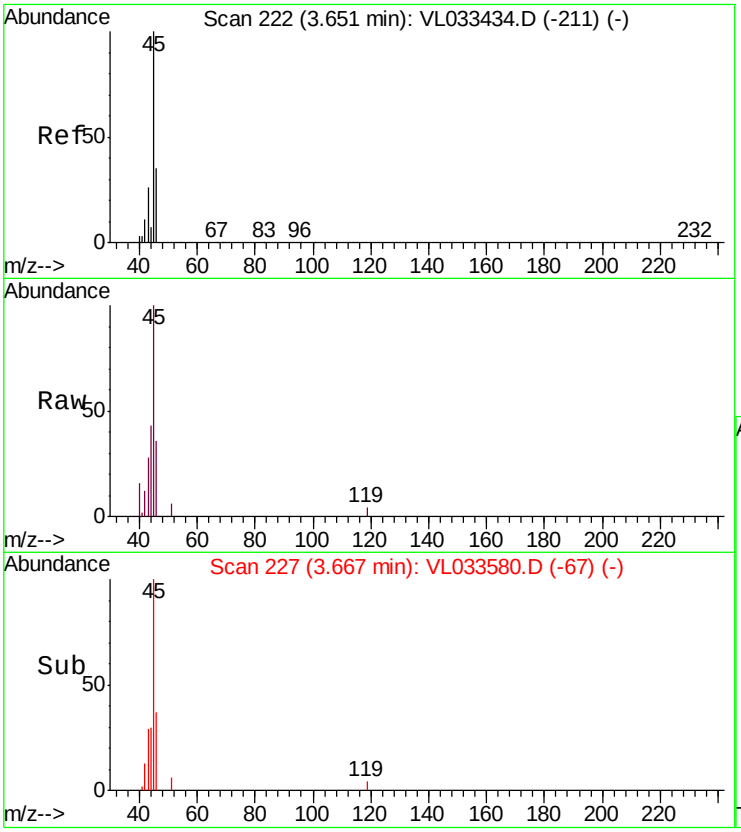


#9
Propene
Concen: 0.129 ppbv
RT: 3.05 min Scan# 36
Delta R.T. 0.02 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion: 41 Resp: 4924

Ion	Ratio	Lower	Upper
41	100		
42	50.1	53.9	80.9#



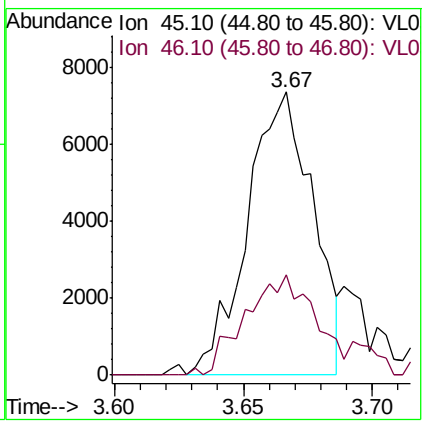


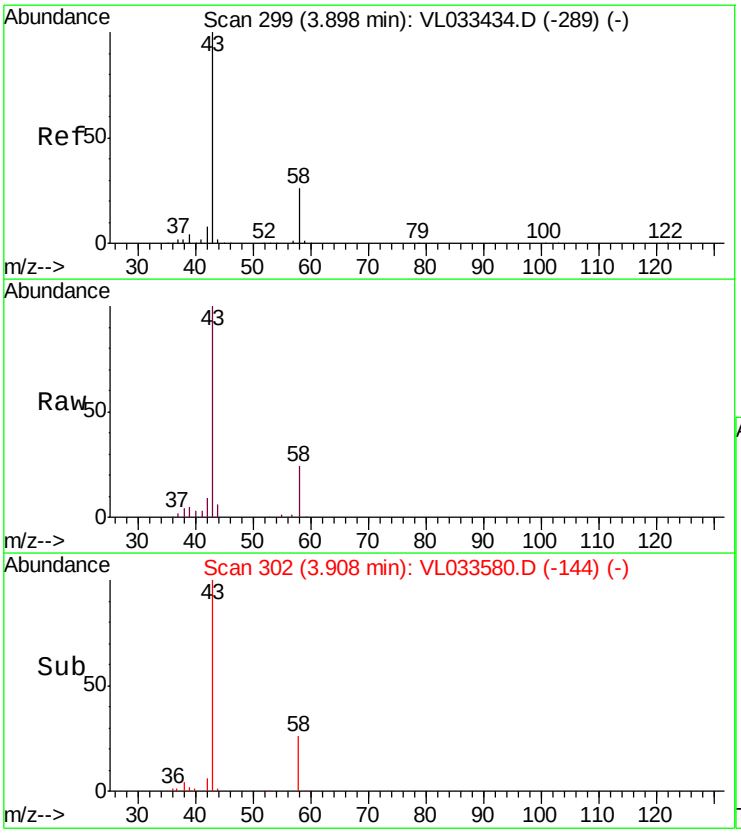
#13
Ethanol
Concen: 1.322 ppbv
RT: 3.67 min Scan# 227
Delta R.T. 0.02 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 45 Resp: 13070

Ion	Ratio	Lower	Upper
45	100		
46	42.9	25.4	101.8

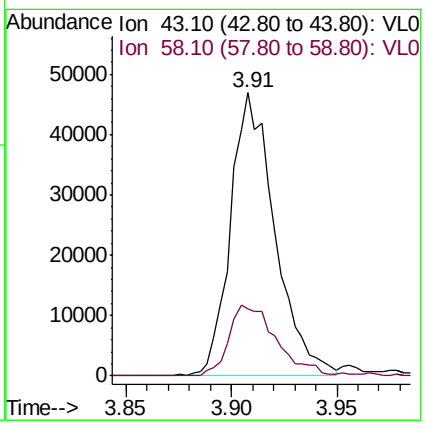


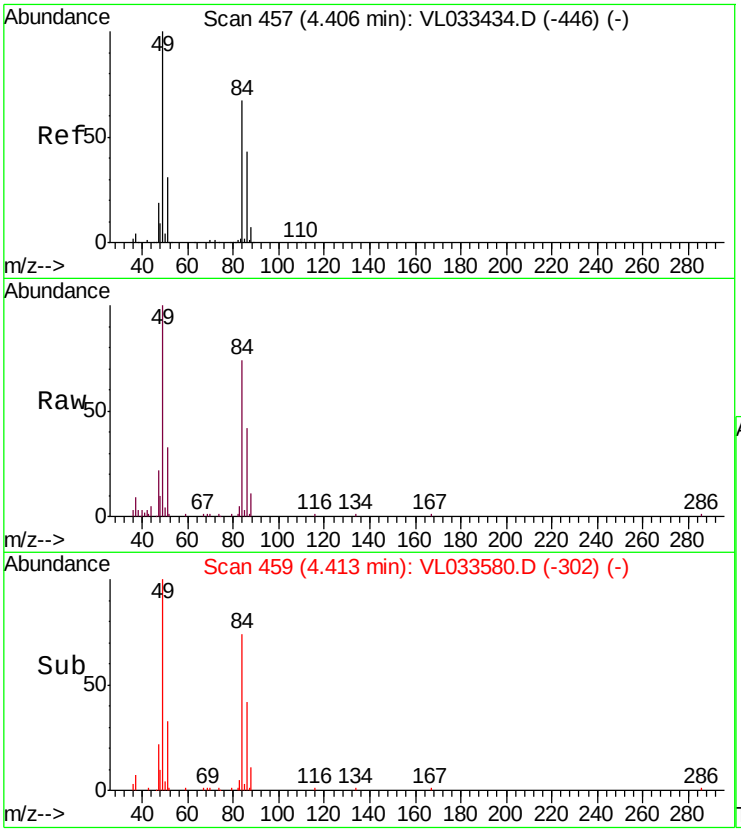


#15
Acetone
Concen: 0.722 ppbv
RT: 3.91 min Scan# 302
Delta R.T. 0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion: 43 Resp: 68584

Ion	Ratio	Lower	Upper
43	100		
58	27.3	20.5	30.7



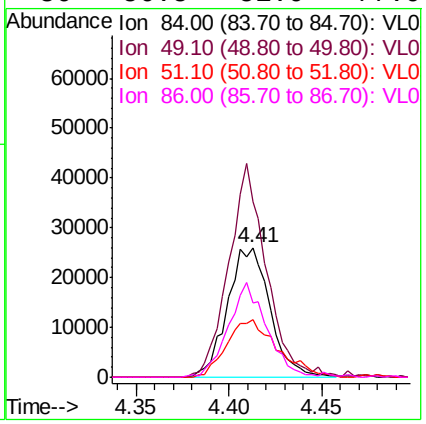


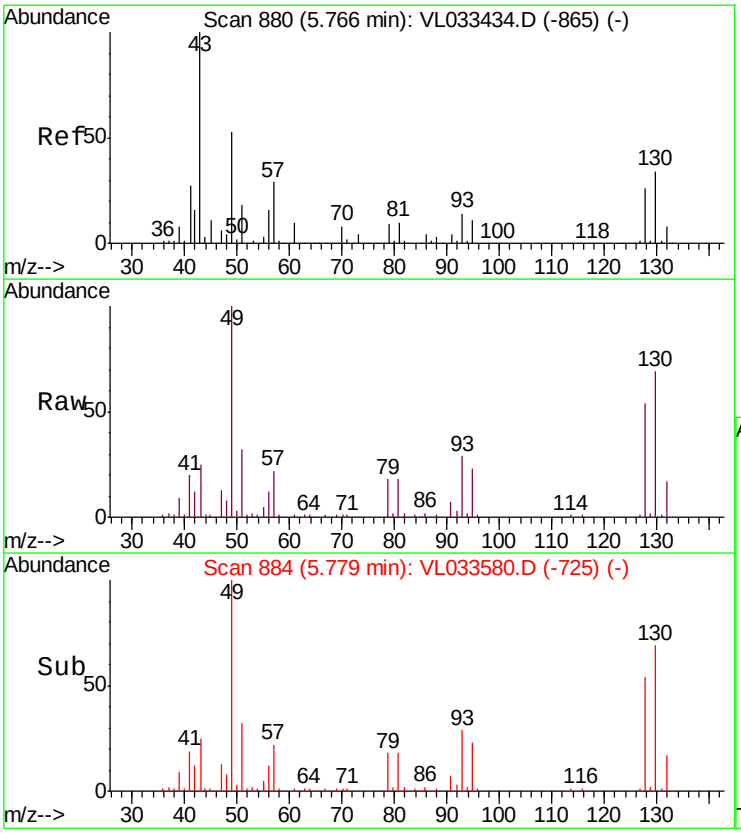
#20
Methylene Chloride
Concen: 1.028 ppbv
RT: 4.41 min Scan# 459
Delta R.T. 0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 84 Resp: 41460

Ion	Ratio	Lower	Upper
84	100		
49	135.5	120.0	180.0
51	45.0	36.7	55.1
86	56.5	51.9	77.9

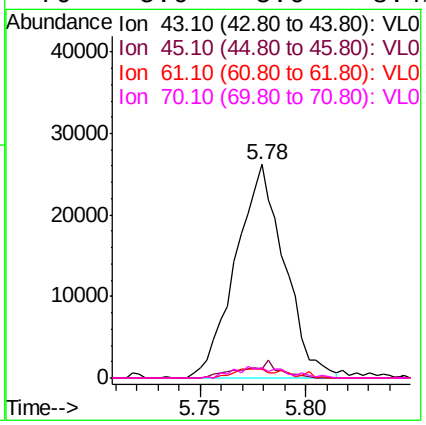


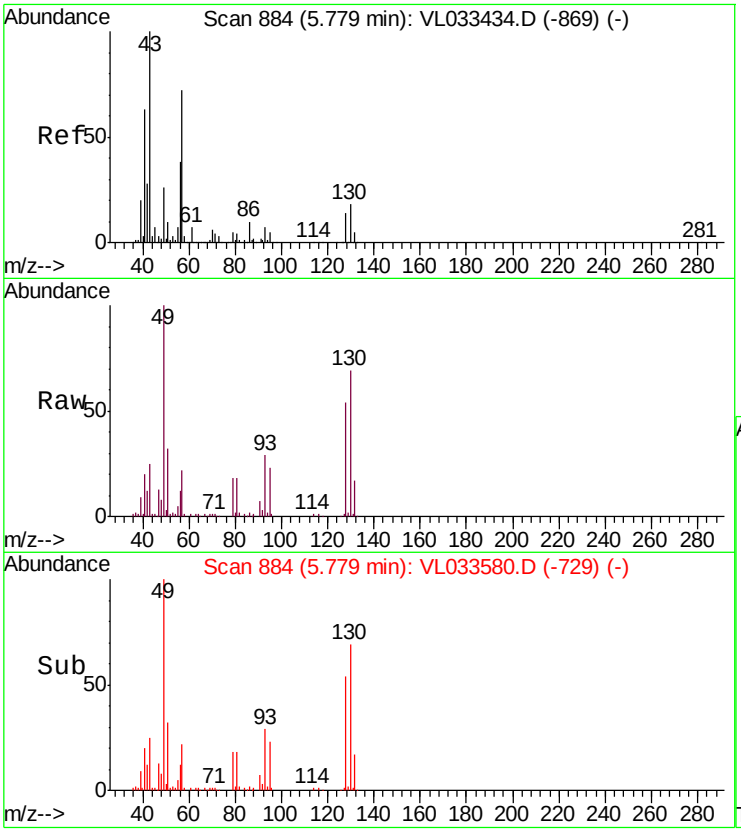


#25
Ethyl Acetate
Concen: 0.239 ppbv
RT: 5.78 min Scan# 884
Delta R.T. 0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion: 43 Resp: 42067

Ion	Ratio	Lower	Upper
43	100		
45	6.0	7.8	11.6#
61	4.6	7.3	10.9#
70	5.6	5.6	8.4#



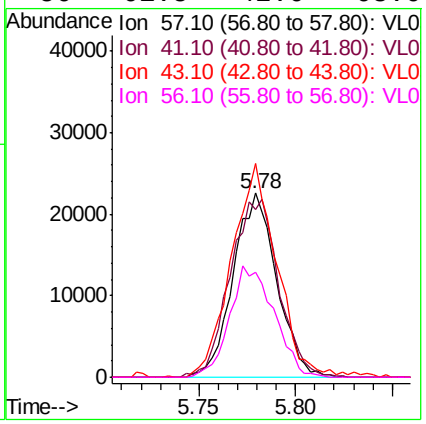


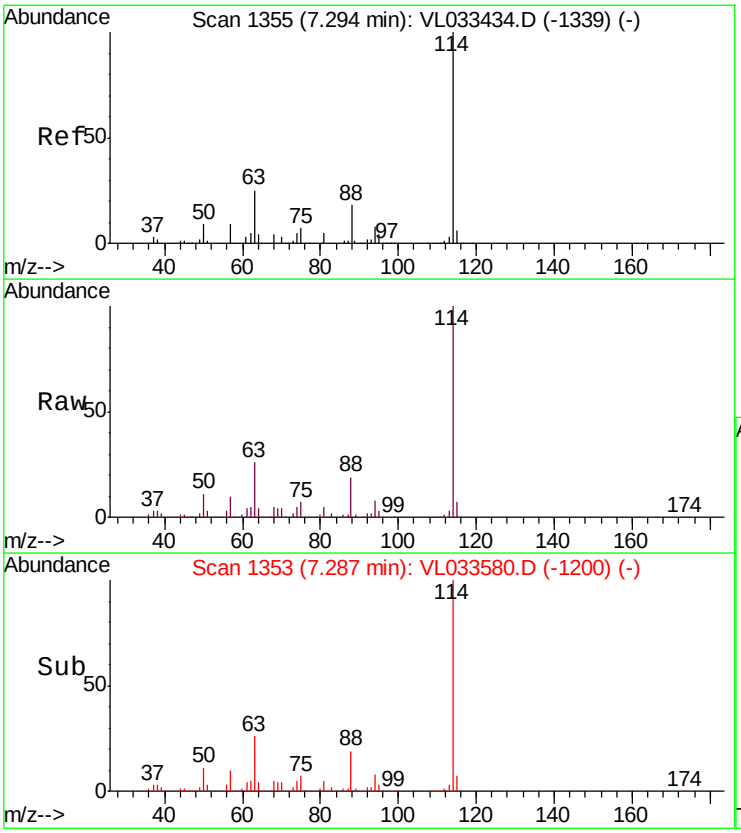
#26
Hexane
Concen: 0.452 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
A-8DL

Tgt Ion: 57 Resp: 35432

Ion	Ratio	Lower	Upper
57	100		
41	108.1	70.7	106.1#
43	121.4	182.6	274.0#
56	61.5	42.0	63.0

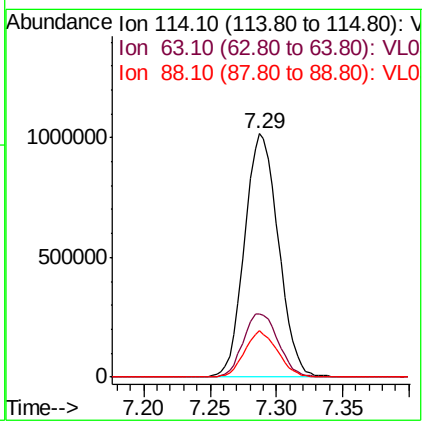


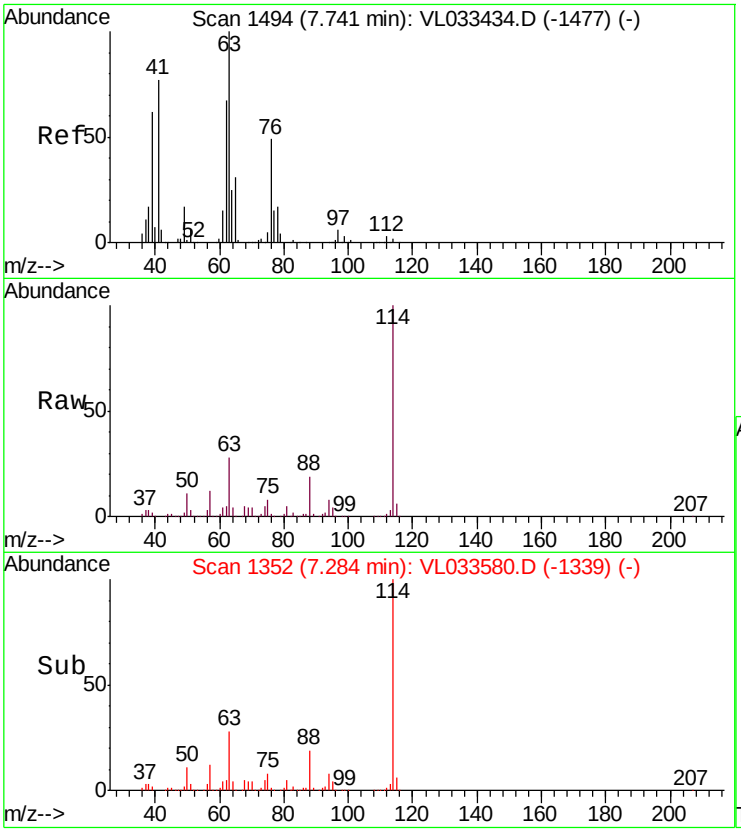


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion:114 Resp: 1808088

Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.5	32.3
88	18.4	14.5	21.7



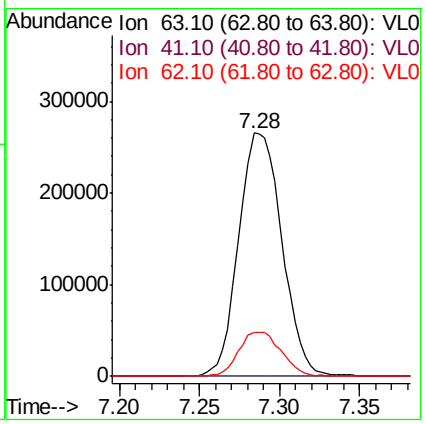


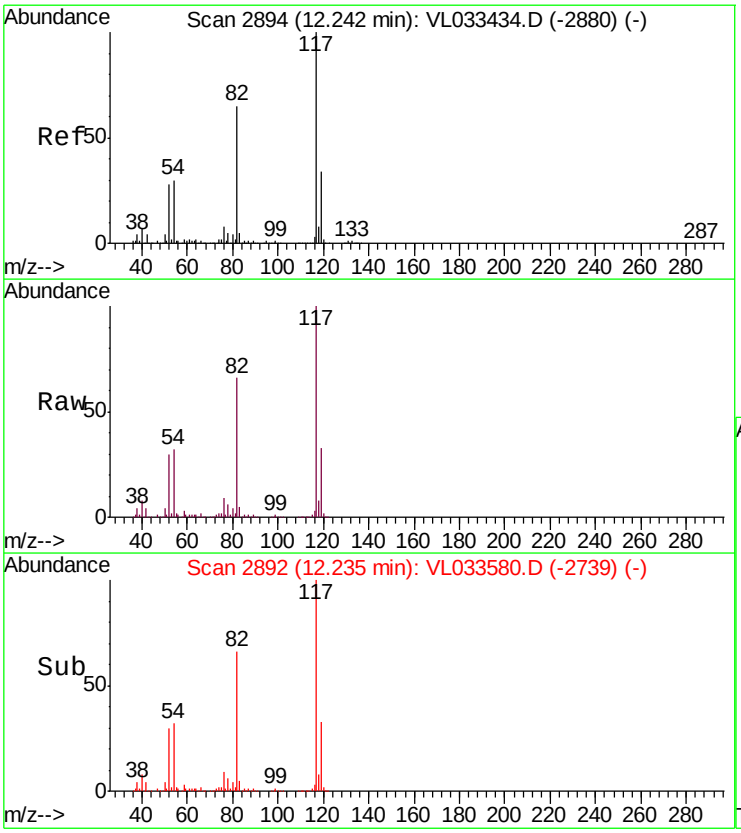
#39
1,2-Dichloropropane
Concen: 8.242 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.46 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument : MSVOA_L
ClientSampleId : A-8DL

Tgt Ion: 63 Resp: 489815

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.2	91.8#
62	18.0	54.0	81.0#

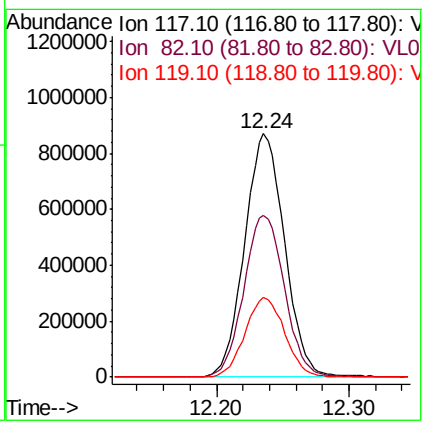


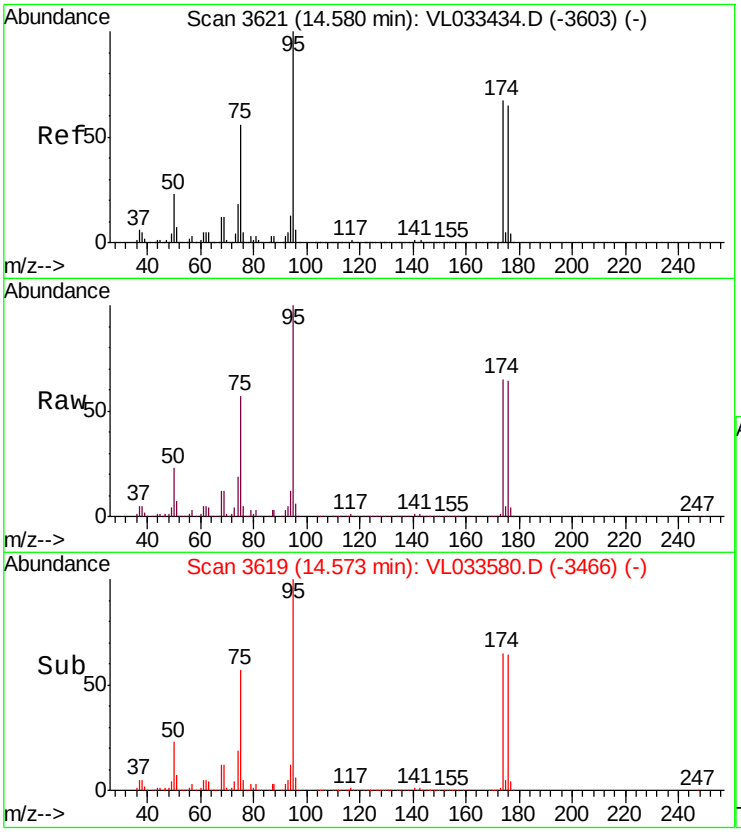


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Tgt Ion:117 Resp: 1825373

Ion	Ratio	Lower	Upper
117	100		
82	68.1	51.5	77.3
119	32.8	25.5	38.3





#68
1-Bromo-4-Fluorobenzene
Concen: 10.222 ppbv
RT: 14.57 min Scan# 3619
Delta R.T. -0.01 min
Lab File: VL033580.D
Acq: 11 Apr 2019 1:36

Instrument :
MSVOA_L
ClientSampleId :
A-8DL

Tgt Ion: 95 Resp: 1462739

Ion	Ratio	Lower	Upper
95	100		
174	66.7	52.9	79.3
175	4.7	3.8	5.6