Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033011.D
Acq On : 18 Dec 2018 1:08
Operator : SY/AP
Sample : J6444-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Dec 18 02:53:07 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	5.77	49	1217797	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.30	114	2914026	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	2261555	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2343549	14.03	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 140.30%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	11153	0.069	ppbv		92
4) Chloromethane	3.17	50	8640	0.161	ppbv		97
9) Propene	3.25	41	28594	0.784	ppbv		92
13) Ethanol	3.66	45	50725	4.040	ppbv		94
15) Acetone	3.91	43	113626	1.087	ppbv		99
16) 1,3-Butadiene	3.35	39	3754	0.091	ppbv	#	33
19) Isopropyl Alcohol	4.06	45	13517	0.206	ppbv	#	1
20) Methylene Chloride	4.42	84	18476	0.362	ppbv	#	90
25) Ethyl Acetate	5.79	43	23063	0.093	ppbv	#	90
26) Hexane	5.79	57	11114	0.097	ppbv	#	52
34) 2-Butanone	5.35	43	4577	0.036	ppbv	#	52
36) Benzene	7.00	78	13317	0.062	ppbv	#	93
39) 1,2-Dichloropropane	7.30	63	693637	8.533	ppbv	#	21
53) Toluene	9.95	91	4416185	19.428	ppbv		99

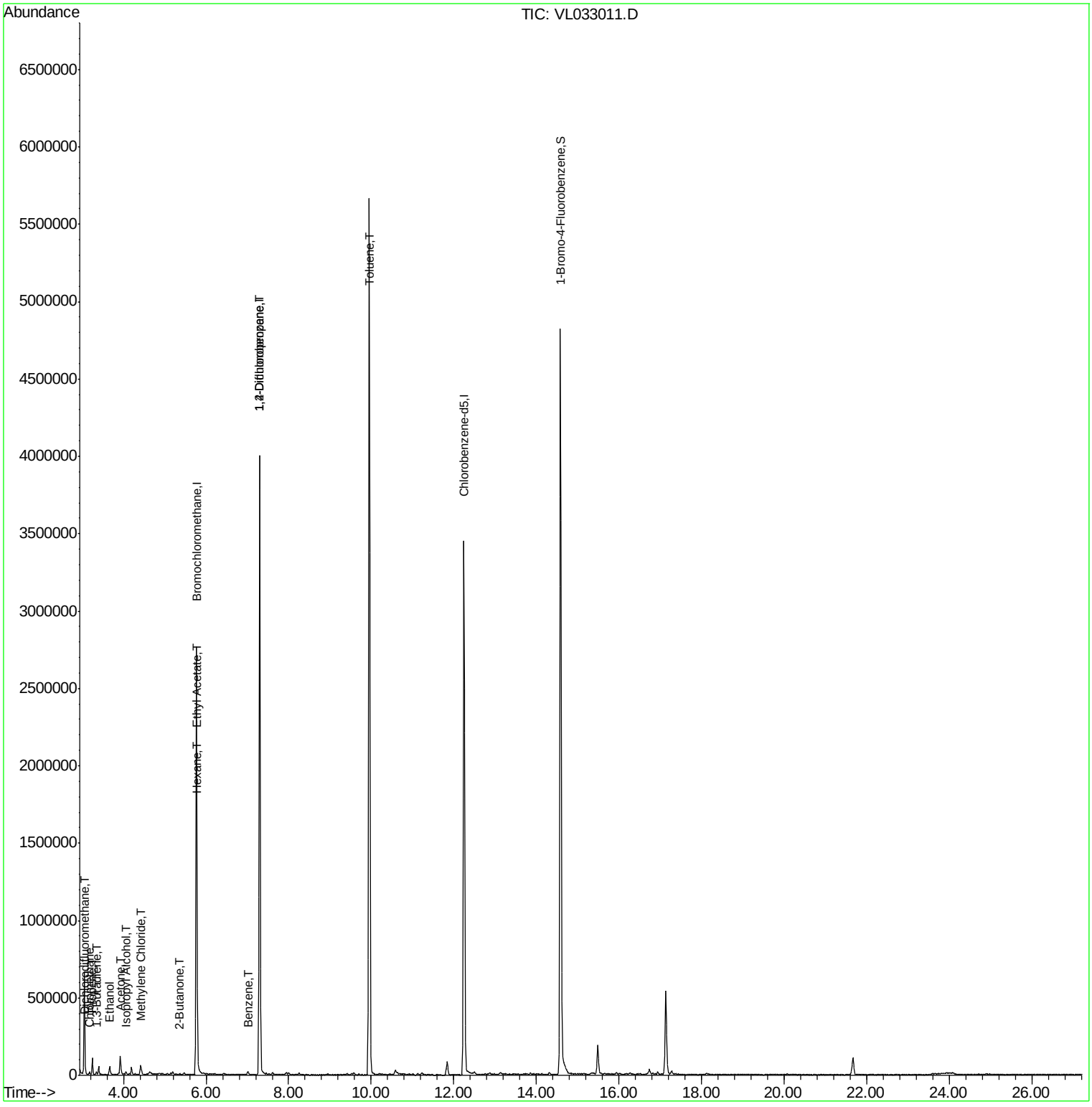
(#) = qualifier out of range (m) = manual integration (+) = signals summed

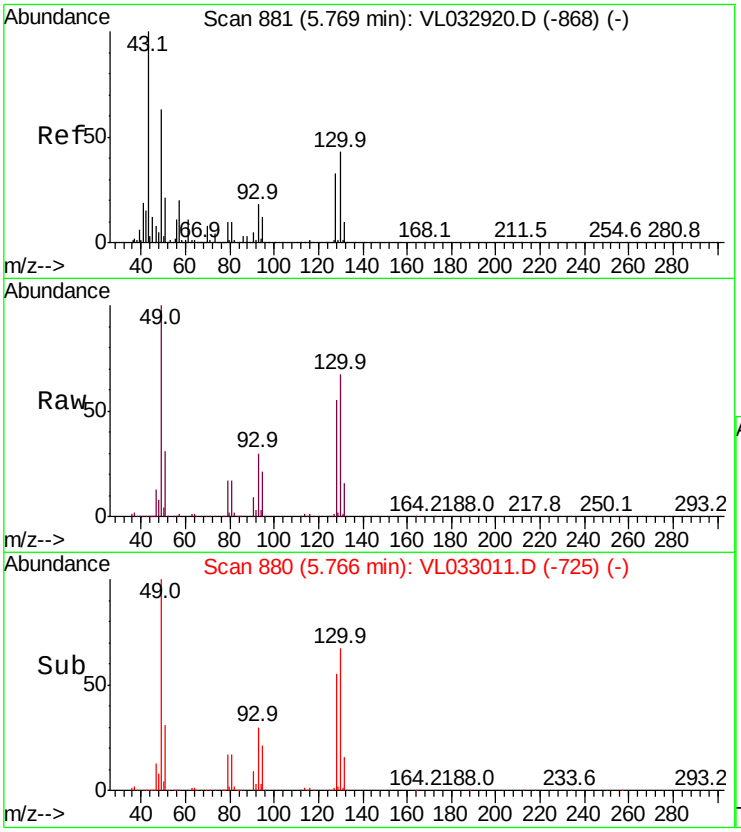
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL121718\
Data File : VL033011.D
Acq On : 18 Dec 2018 1:08
Operator : SY/AP
Sample : J6444-01DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Dec 18 02:53:07 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



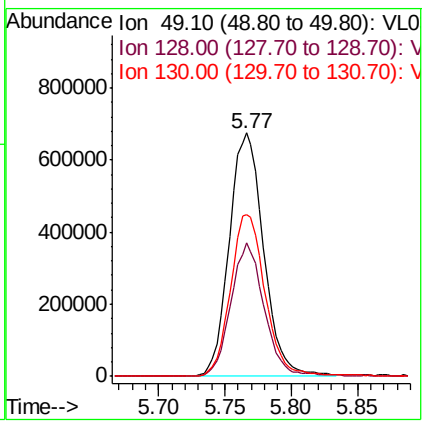


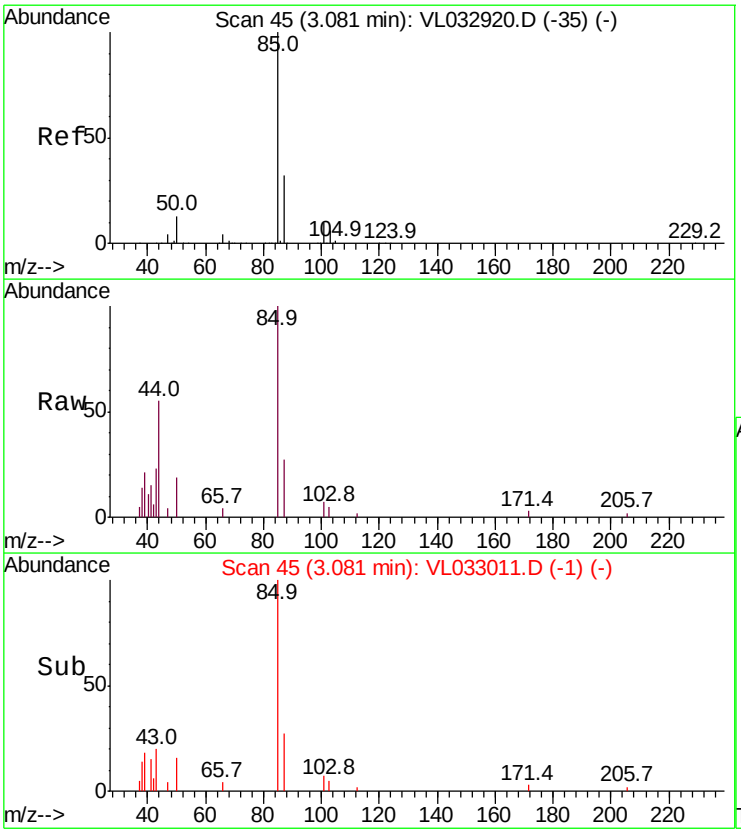
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1217797

Ion	Ratio	Lower	Upper
49	100		
128	53.5	26.3	78.8
130	67.3	33.9	101.7

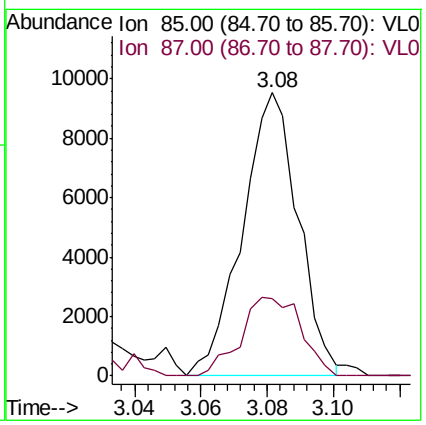


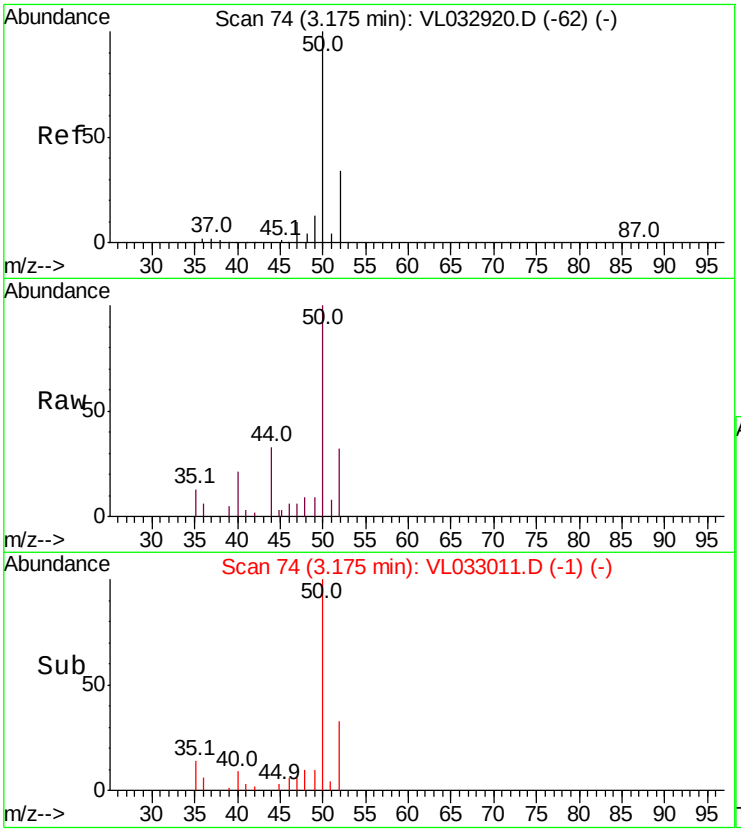


#2
Dichlorodifluoromethane
Concen: 0.069 ppbv
RT: 3.08 min Scan# 45
Delta R.T. 0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 85 Resp: 11153

Ion	Ratio	Lower	Upper
85	100		
87	27.4	25.7	38.5

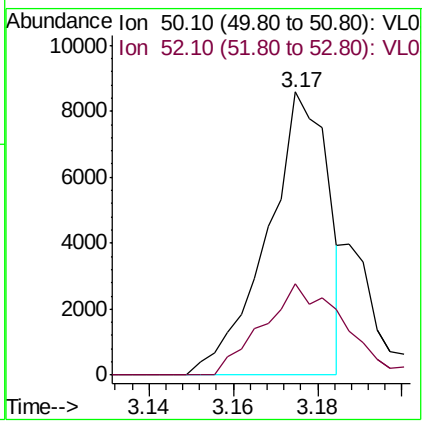




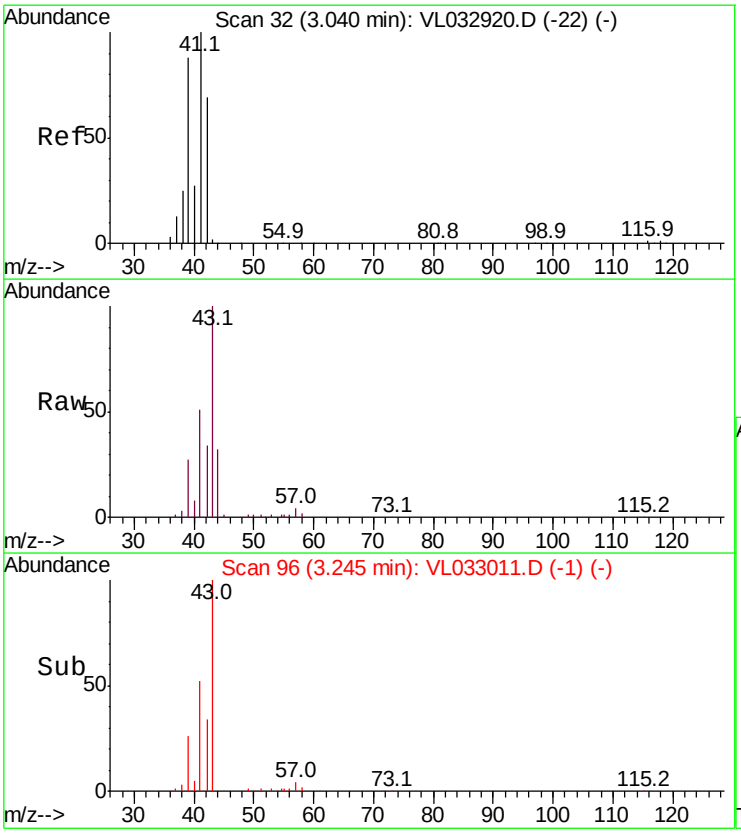
#4
Chloromethane
Concen: 0.161 ppbv
RT: 3.17 min Scan# 74
Delta R.T. 0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 50 Resp: 8640

Ion	Ratio	Lower	Upper
50	100		
52	32.2	27.3	40.9



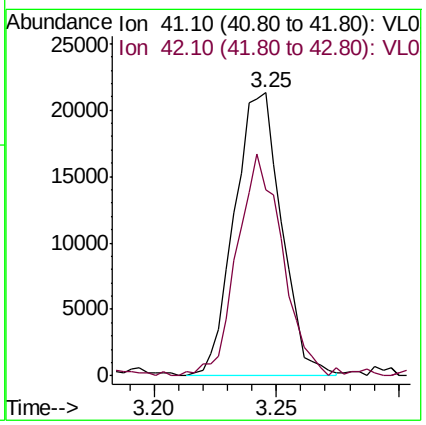
Instrument :
MSVOA_L
ClientSampleId :

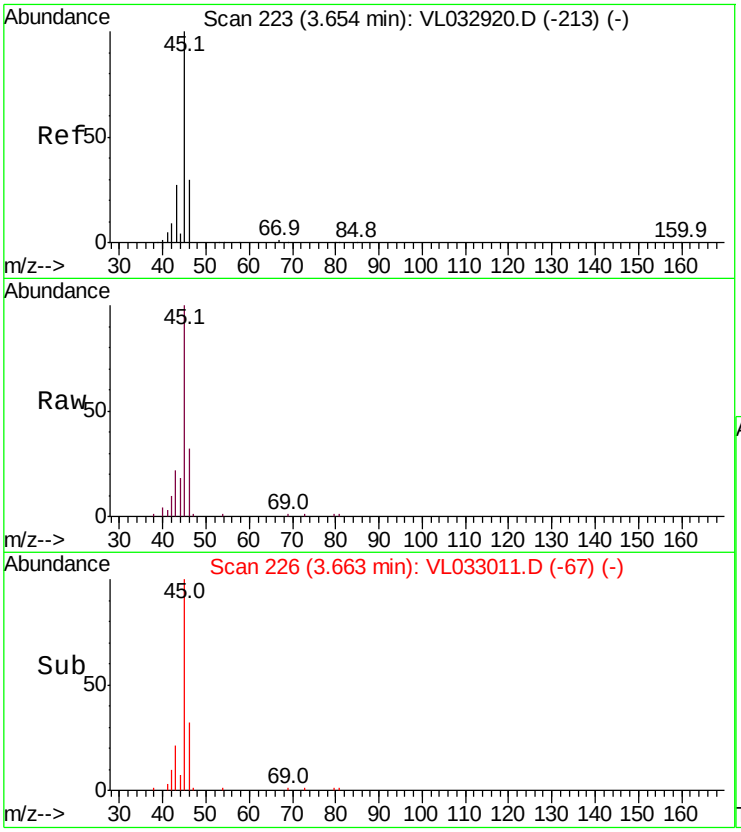


#9
Propene
Concen: 0.784 ppbv
RT: 3.25 min Scan# 96
Delta R.T. 0.21 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 41 Resp: 28594

Ion	Ratio	Lower	Upper
41	100		
42	76.7	56.2	84.2



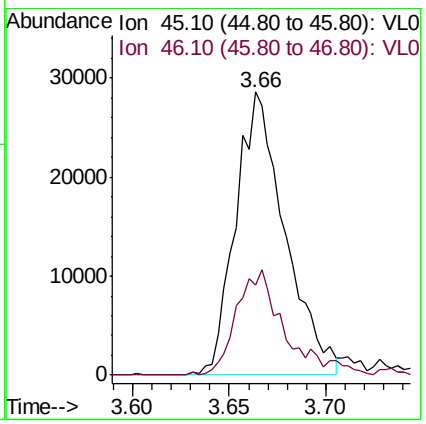


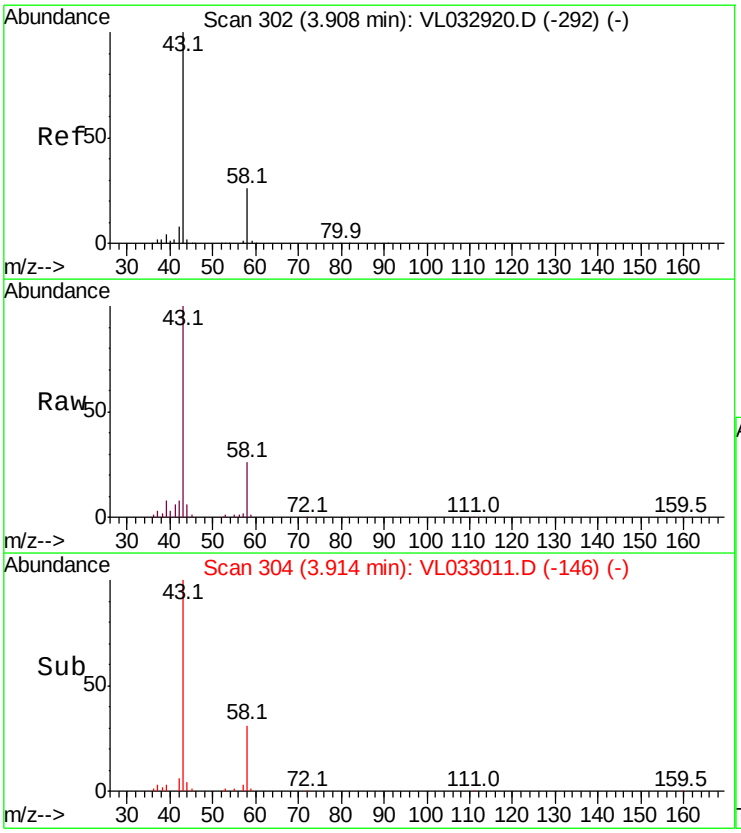
#13
Ethanol
Concen: 4.040 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.01 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 50725

Ion	Ratio	Lower	Upper
45	100		
46	37.8	13.8	55.4

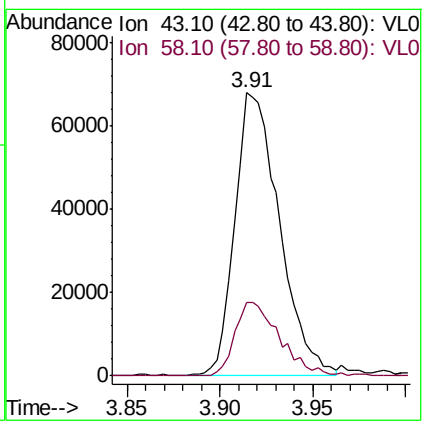


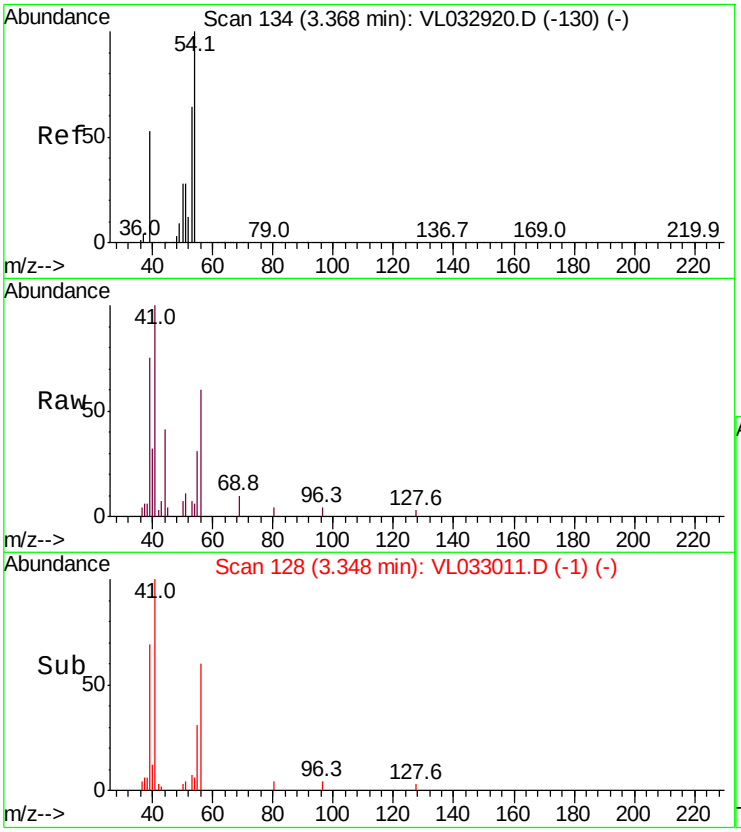


#15
Acetone
Concen: 1.087 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.01 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 43 Resp: 113626

Ion	Ratio	Lower	Upper
43	100		
58	26.4	20.6	30.8



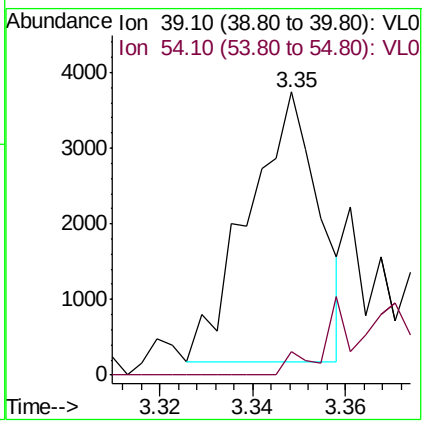


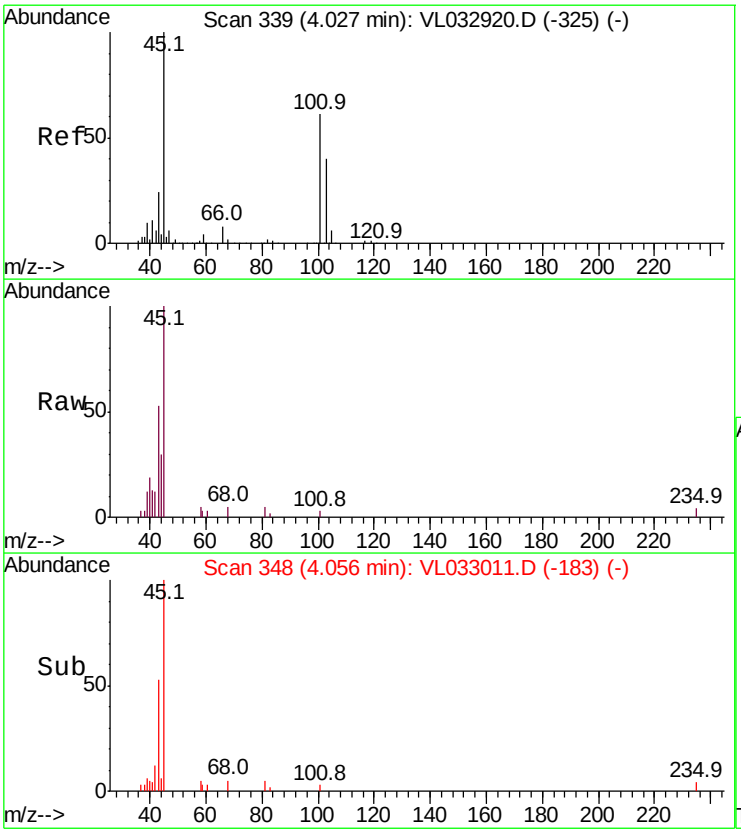
#16
1,3-Butadiene
Concen: 0.091 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 39 Resp: 3754

Ion	Ratio	Lower	Upper
39	100		
54	27.1	72.7	109.1#

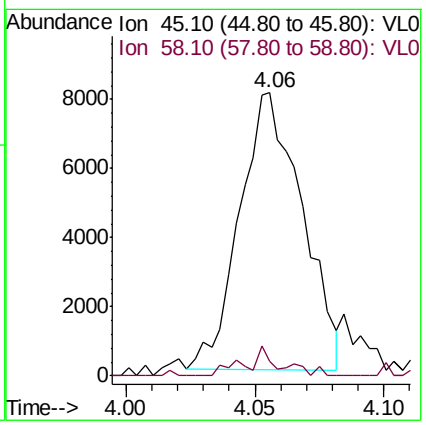


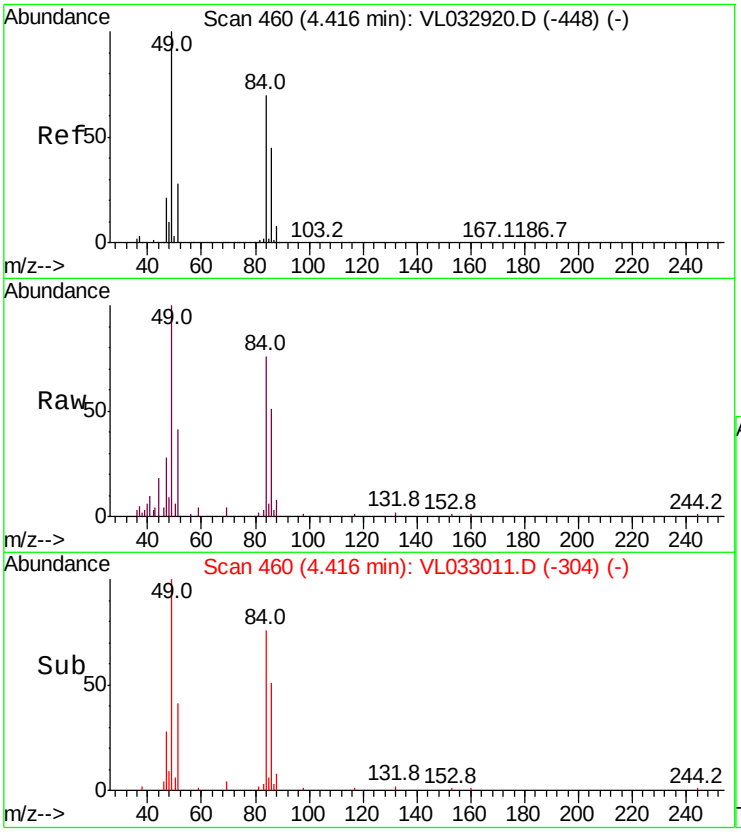


#19
Isopropyl Alcohol
Concen: 0.206 ppbv
RT: 4.06 min Scan# 348
Delta R.T. 0.03 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 45 Resp: 13517

Ion	Ratio	Lower	Upper
45	100		
58	221.9	1.4	2.2#



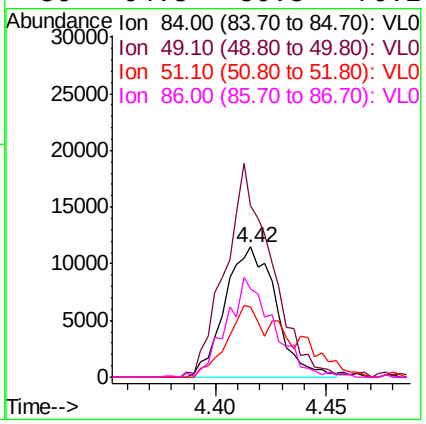


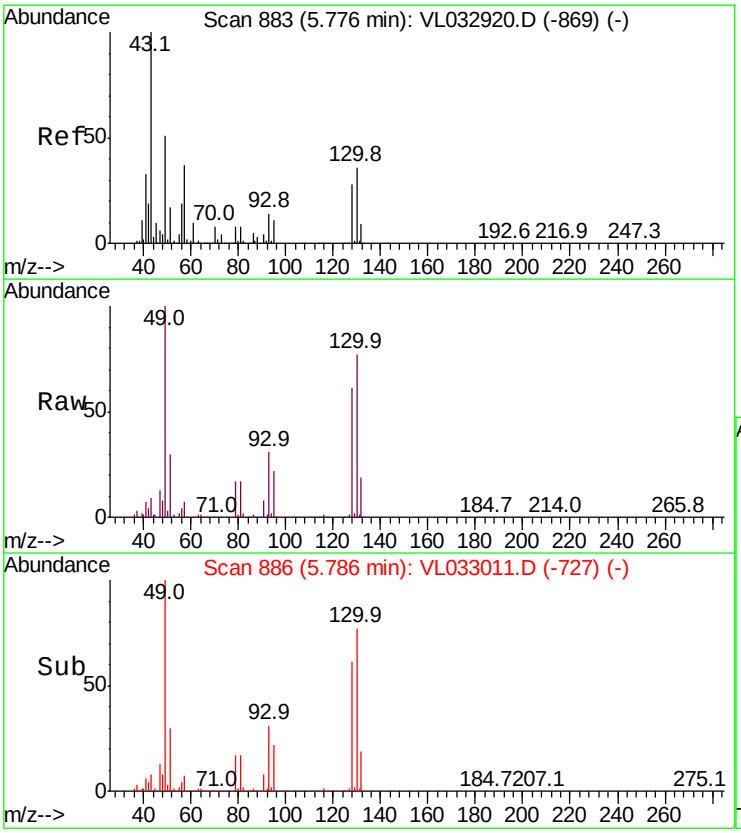
#20
Methylene Chloride
Concen: 0.362 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 84 Resp: 18476

Ion	Ratio	Lower	Upper
84	100		
49	128.8	113.8	170.8
51	53.5	31.8	47.8#
86	64.3	50.8	76.2

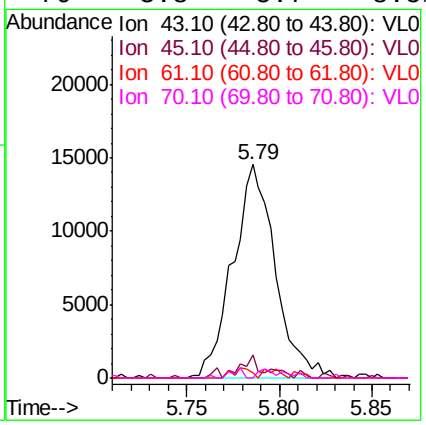


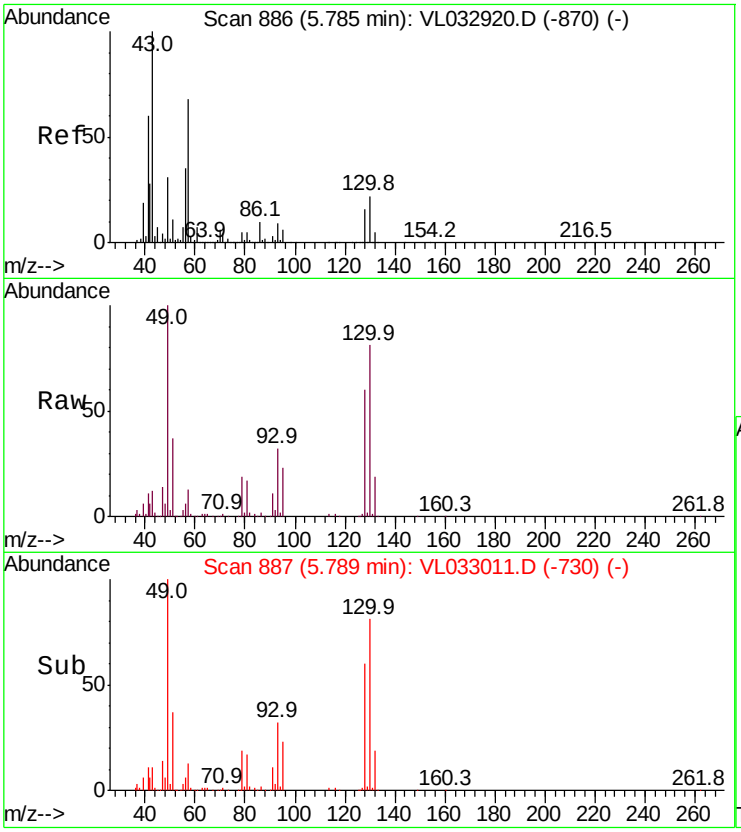


#25
Ethyl Acetate
Concen: 0.093 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 43 Resp: 23063

Ion	Ratio	Lower	Upper
43	100		
45	7.6	7.8	11.6#
61	4.3	7.4	11.2#
70	3.8	5.7	8.5#



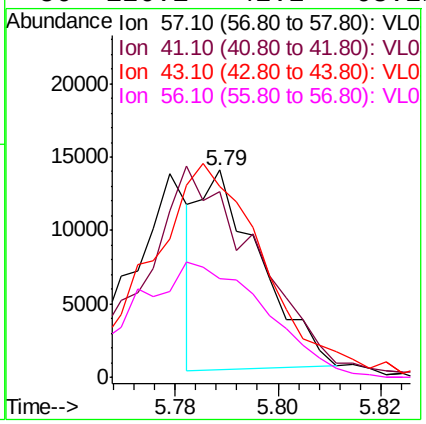


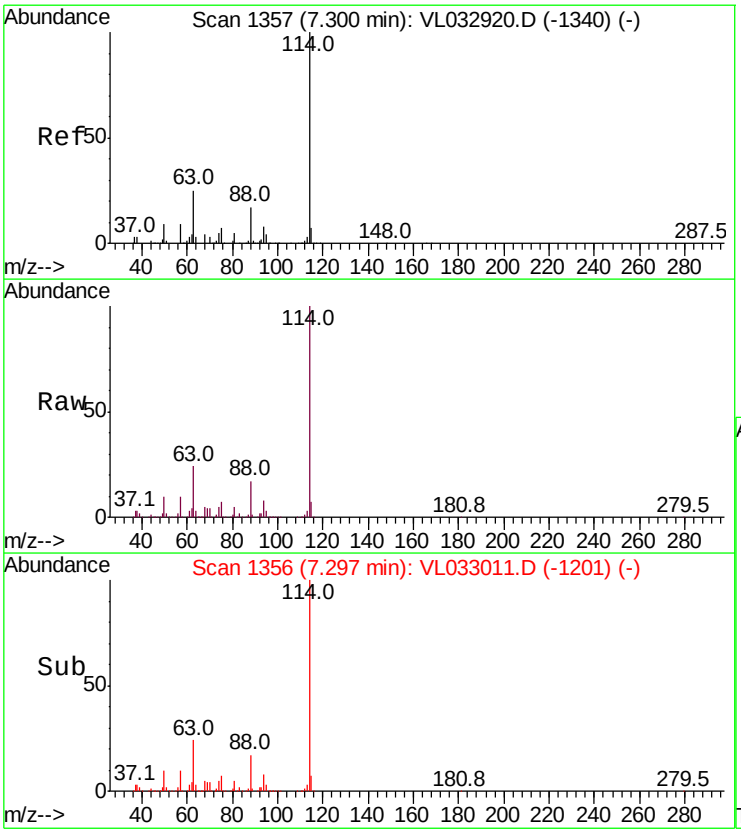
#26
Hexane
Concen: 0.097 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 11114

Ion	Ratio	Lower	Upper
57	100		
41	207.1	72.2	108.2#
43	210.3	171.9	257.9
56	126.1	42.2	63.2#

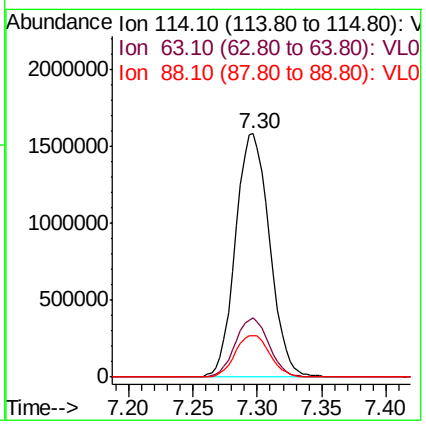


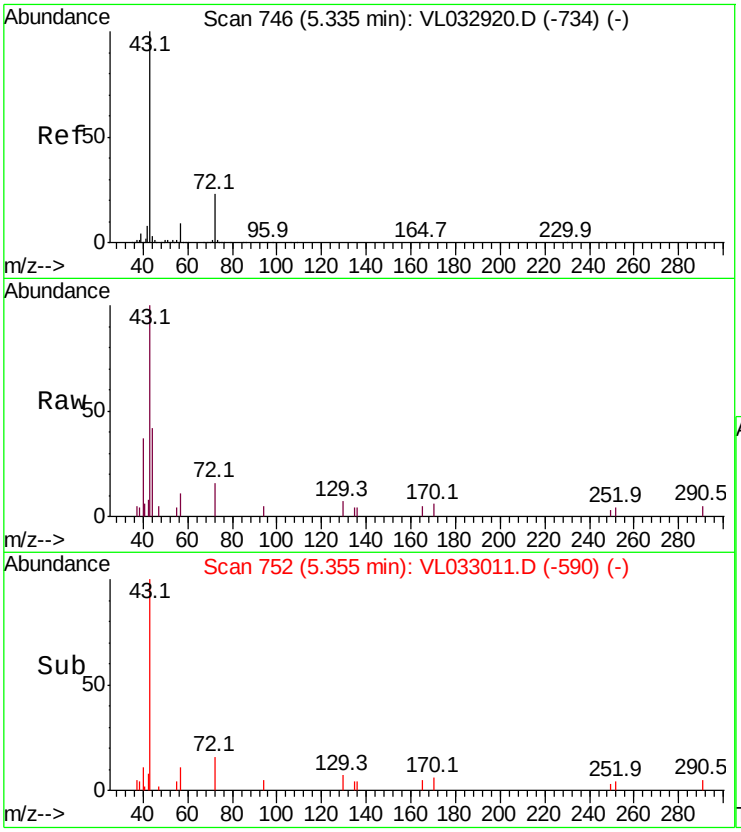


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion:114 Resp: 2914026

Ion	Ratio	Lower	Upper
114	100		
63	24.0	20.1	30.1
88	17.4	14.2	21.4



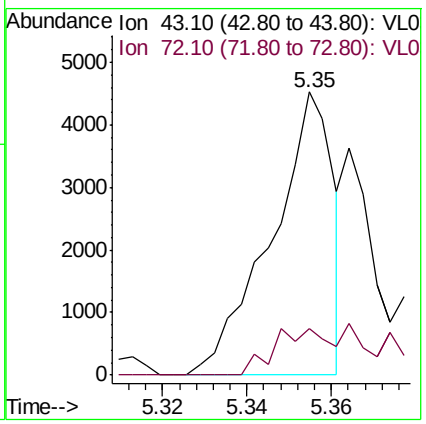


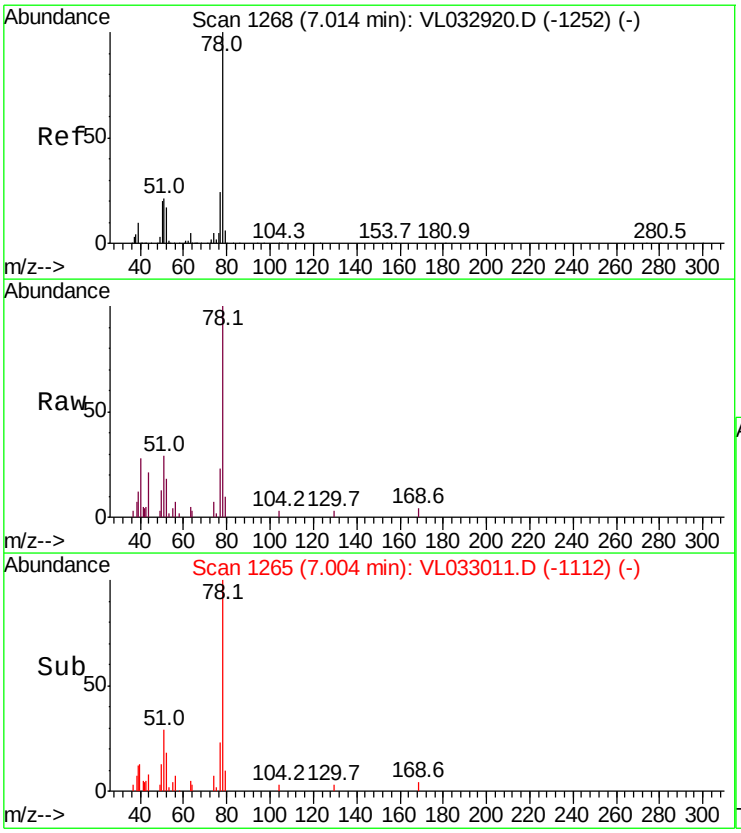
#34
2-Butanone
Concen: 0.036 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.02 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 4577

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.8	28.2#

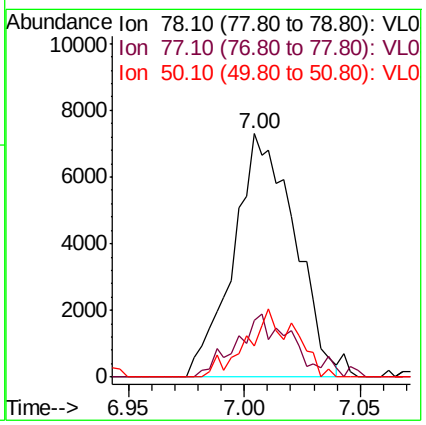


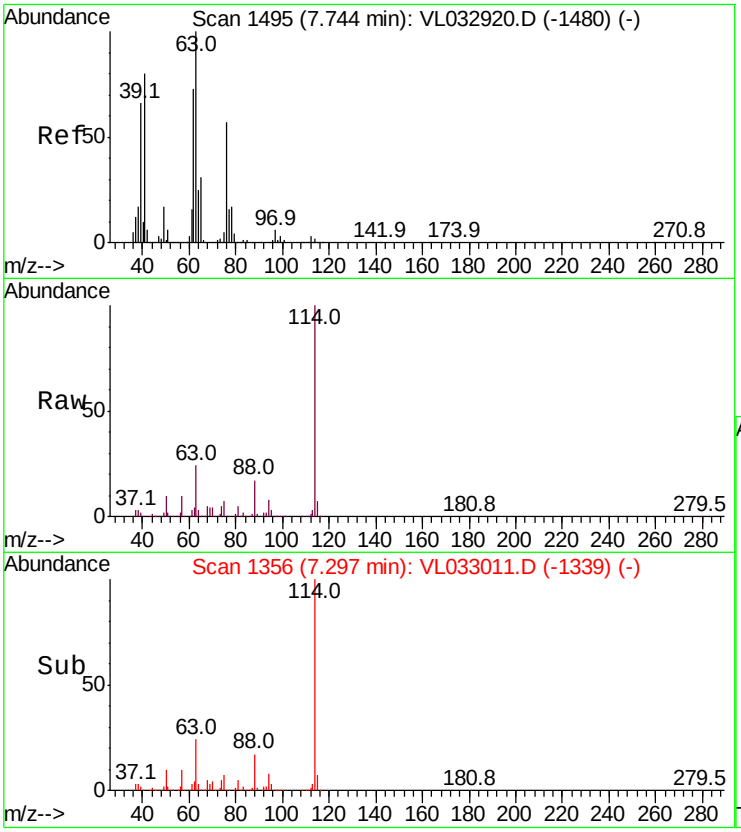


#36
Benzene
Concen: 0.062 ppbv
RT: 7.00 min Scan# 1265
Delta R.T. -0.01 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 78 Resp: 13317

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3
50	12.8	16.1	24.1#



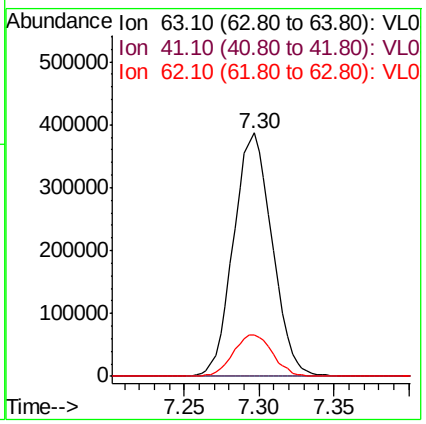


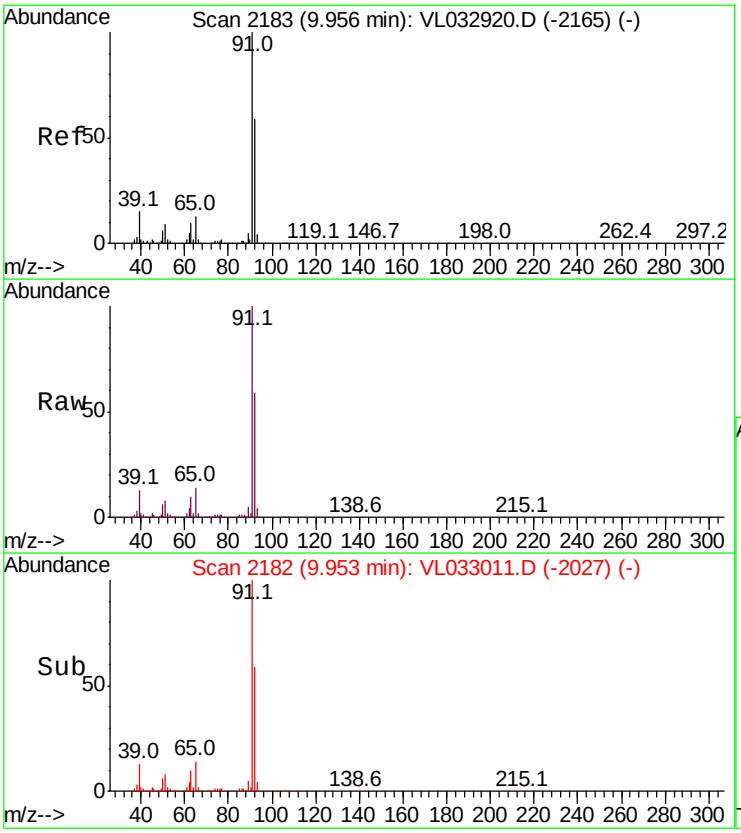
#39
1,2-Dichloropropane
Concen: 8.533 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 693637

Ion	Ratio	Lower	Upper
63	100		
41	0.0	63.9	95.9#
62	16.7	58.8	88.2#

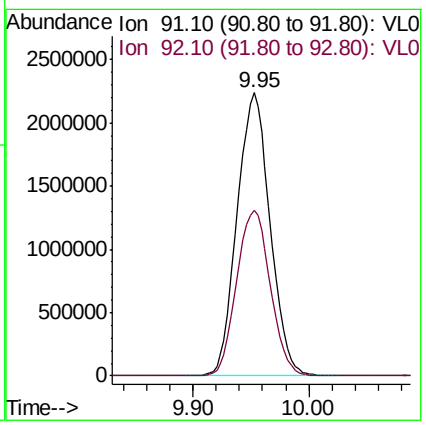


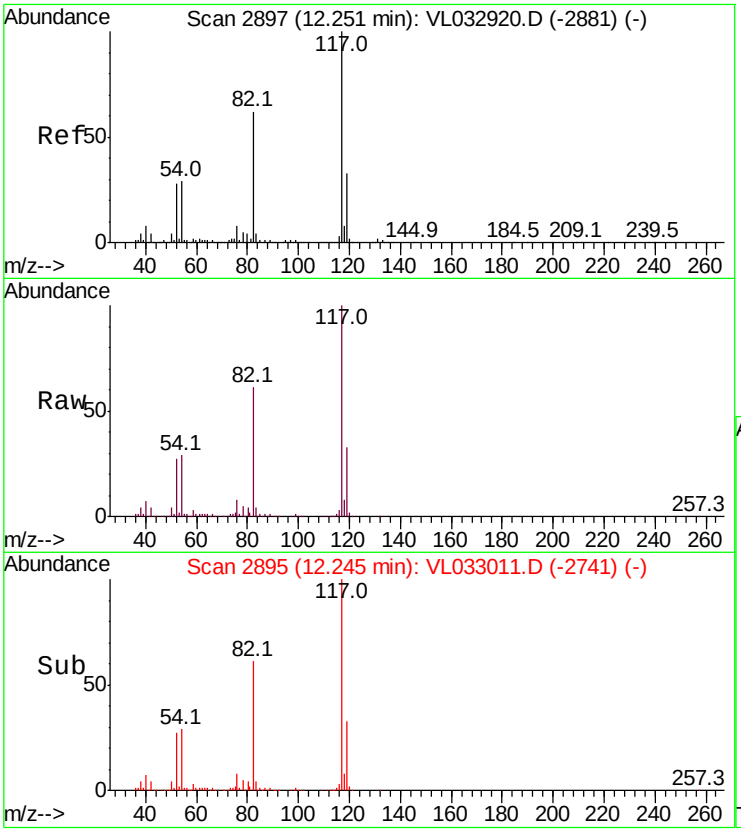


#53
Toluene
Concen: 19.428 ppbv
RT: 9.95 min Scan# 2182
Delta R.T. -0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 91 Resp: 4416185

Ion	Ratio	Lower	Upper
91	100		
92	59.8	47.4	71.0



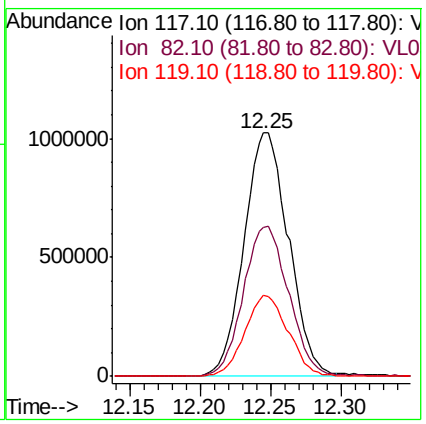


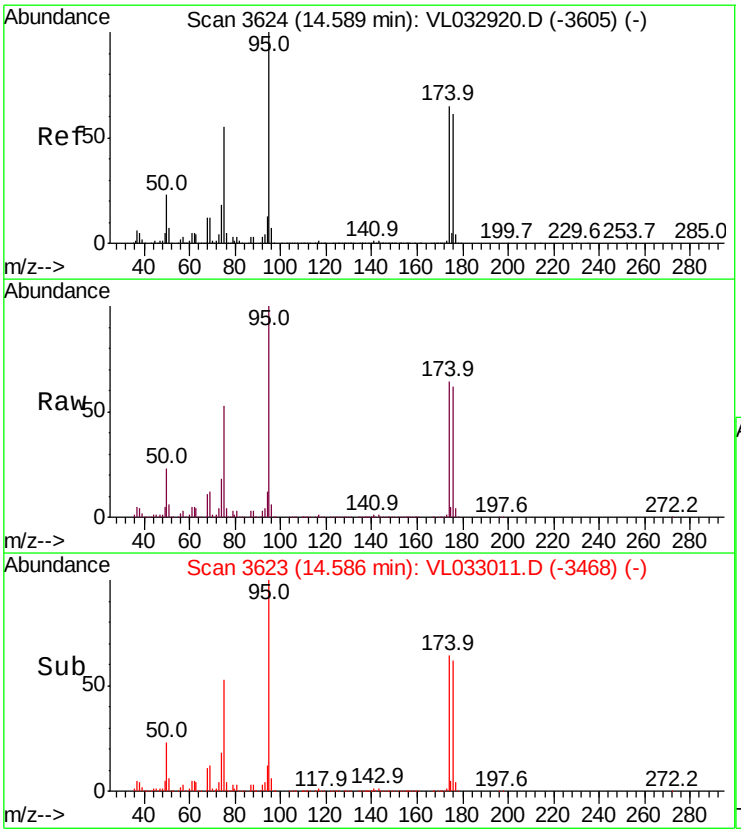
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2895
Delta R.T. -0.01 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2261555

Ion	Ratio	Lower	Upper
117	100		
82	62.9	47.8	71.8
119	32.5	43.1	64.7#





#68
1-Bromo-4-Fluorobenzene
Concen: 14.026 ppbv
RT: 14.59 min Scan# 3623
Delta R.T. -0.00 min
Lab File: VL033011.D
Acq: 18 Dec 2018 1:08

Tgt Ion: 95 Resp: 2343549

Ion	Ratio	Lower	Upper
95	100		
174	66.5	51.4	77.0
175	4.9	3.8	5.6