Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\

Quantitation Report (Not Reviewed)

Data File : VL032867.D
Acq On : 1 Dec 2018 2:50
Operator : SY/AP
Sample : J6132-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Quant Time: Dec 01 04:06:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1475492	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3611309	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3398464	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2512604	9.88	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.80%			
Target Compounds						Qvalue
9) Propene	3.04	41	220222	4.704	ppbv	95
13) Ethanol	3.67	45	6009	0.392	ppbv #	39
15) Acetone	3.92	43	82336	0.611	ppbv #	83
16) 1,3-Butadiene	3.35	39	101692	1.949	ppbv #	21
20) Methylene Chloride	4.42	84	14477	0.208	ppbv #	91
23) Vinyl Acetate	5.19	43	7663	0.031	ppbv #	62
25) Ethyl Acetate	5.78	43	19777	0.063	ppbv #	83
26) Hexane	5.79	57	26007	0.186	ppbv #	42
27) Carbon Disulfide	4.63	76	58349	0.329	ppbv #	66
34) 2-Butanone	5.35	43	98214	0.524	ppbv	98
36) Benzene	7.01	78	21706	0.075	ppbv	95
39) 1,2-Dichloropropane	7.30	63	849046	7.749	ppbv #	23

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

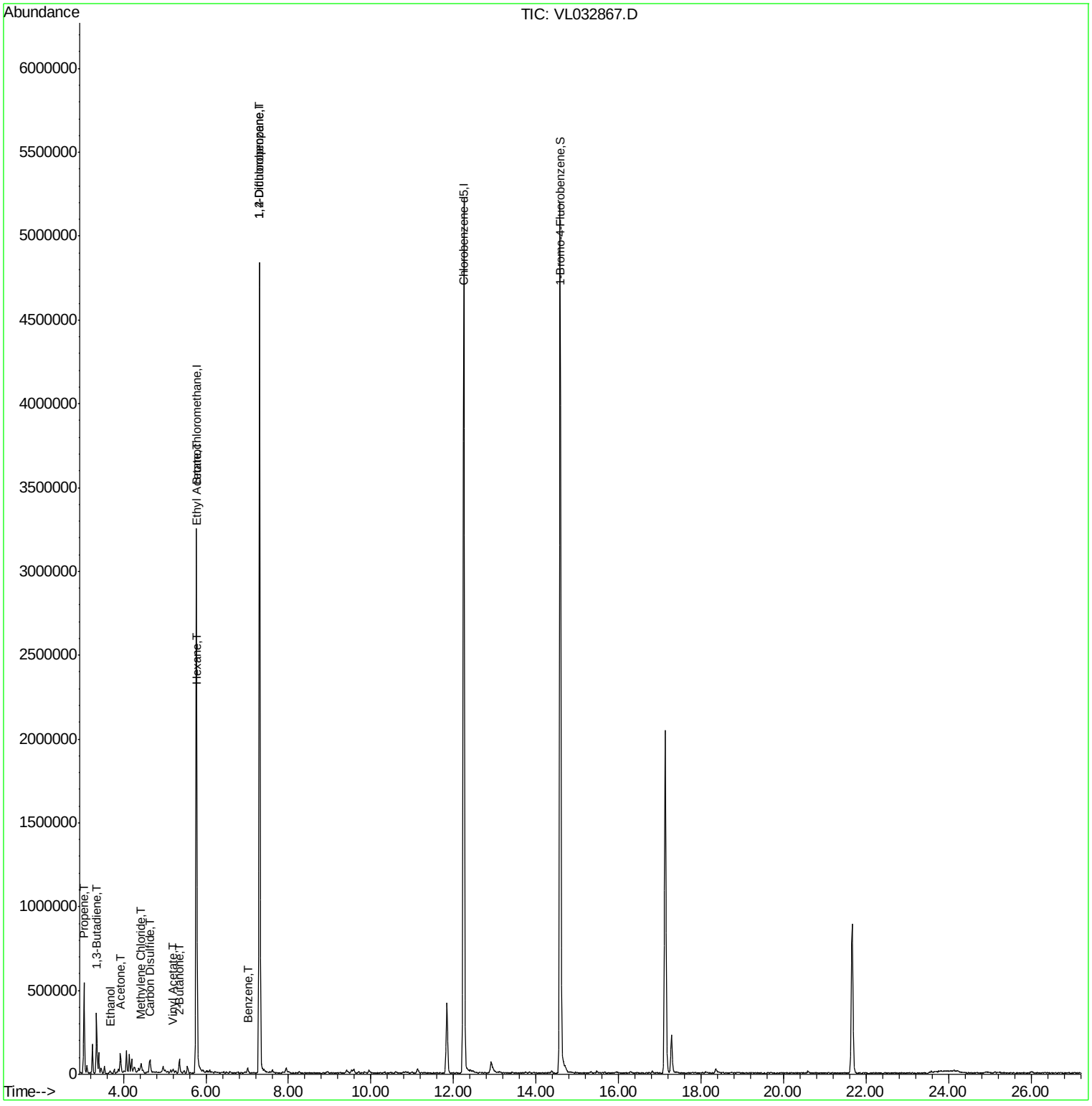
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL113018\

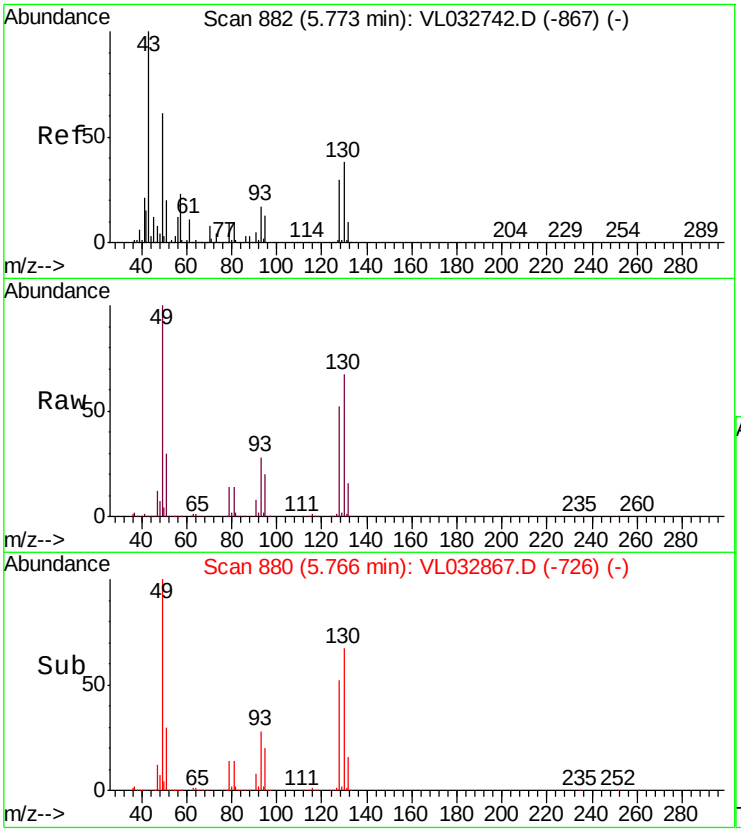
Quantitation Report (Not Reviewed)

Data File : VL032867.D
Acq On : 1 Dec 2018 2:50
Operator : SY/AP
Sample : J6132-06DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Quant Time: Dec 01 04:06:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration



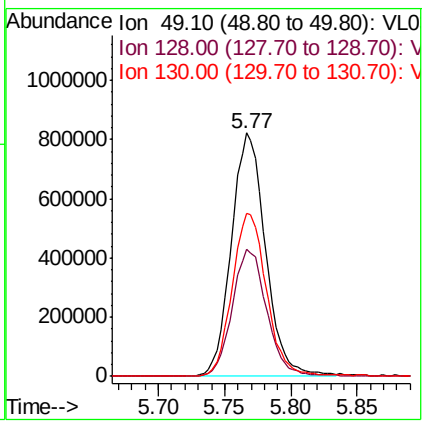


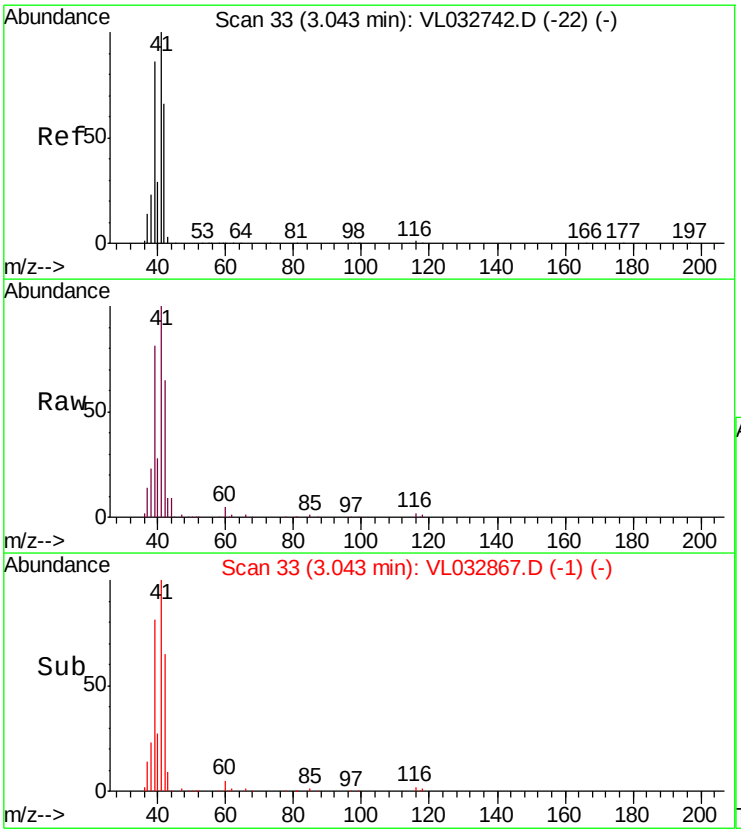
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Tgt Ion: 49 Resp: 1475492

Ion	Ratio	Lower	Upper
49	100		
128	53.1	24.9	74.6
130	67.9	31.4	94.2

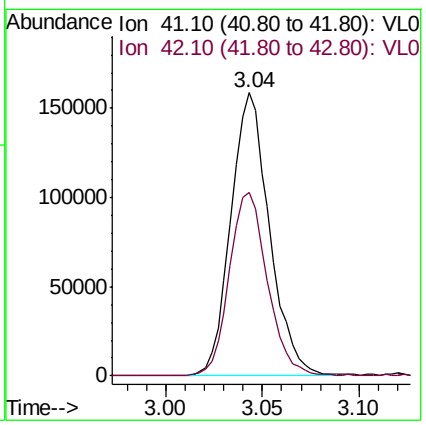


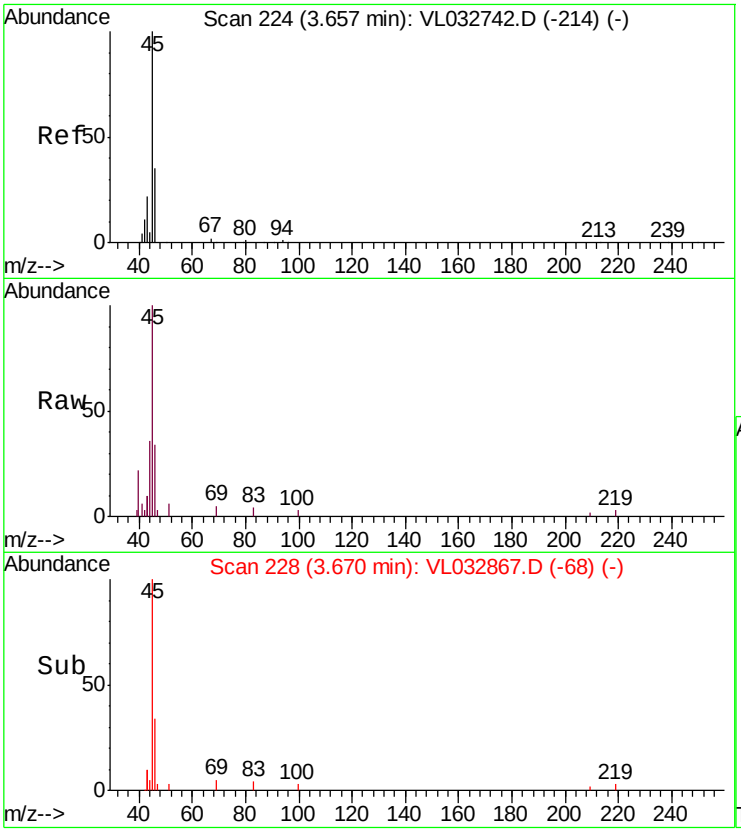


#9
Propene
Concen: 4.704 ppbv
RT: 3.04 min Scan# 33
Delta R.T. 0.00 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 41 Resp: 220222

Ion	Ratio	Lower	Upper
41	100		
42	64.4	55.0	82.6



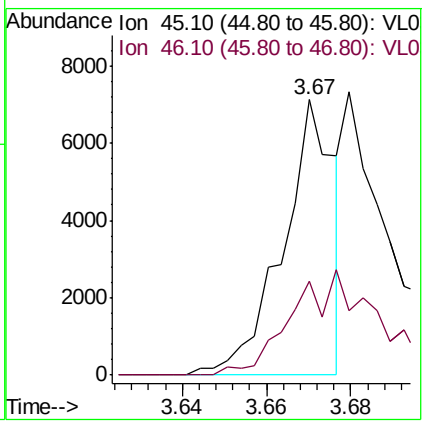


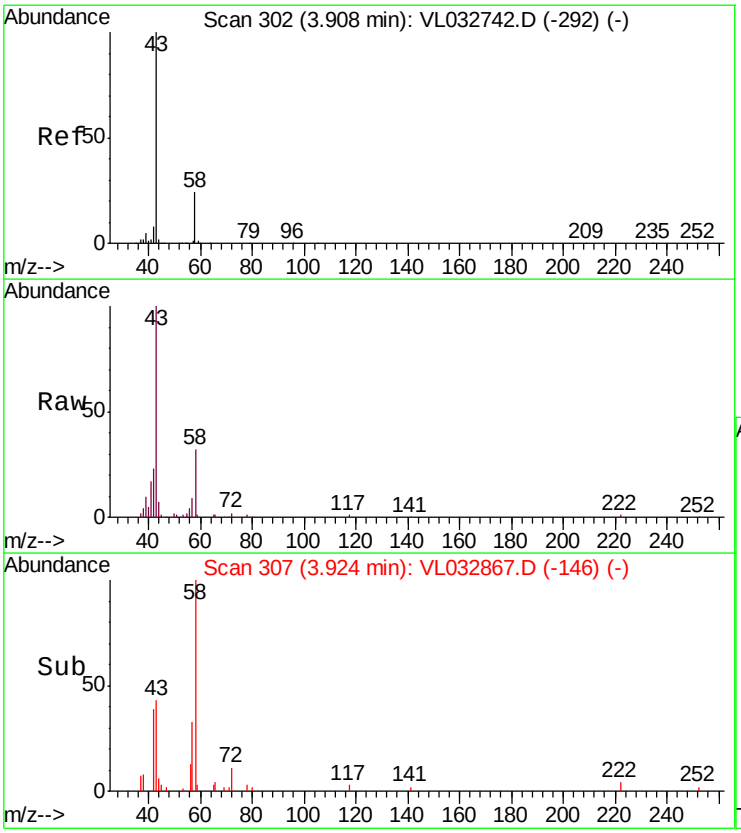
#13
Ethanol
Concen: 0.392 ppbv
RT: 3.67 min Scan# 228
Delta R.T. 0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
DSV-05DL

Tgt Ion: 45 Resp: 6009

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.5	57.9#

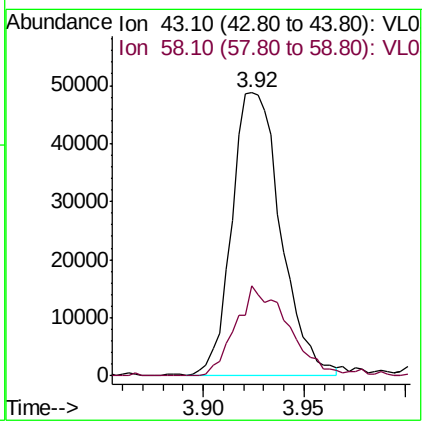


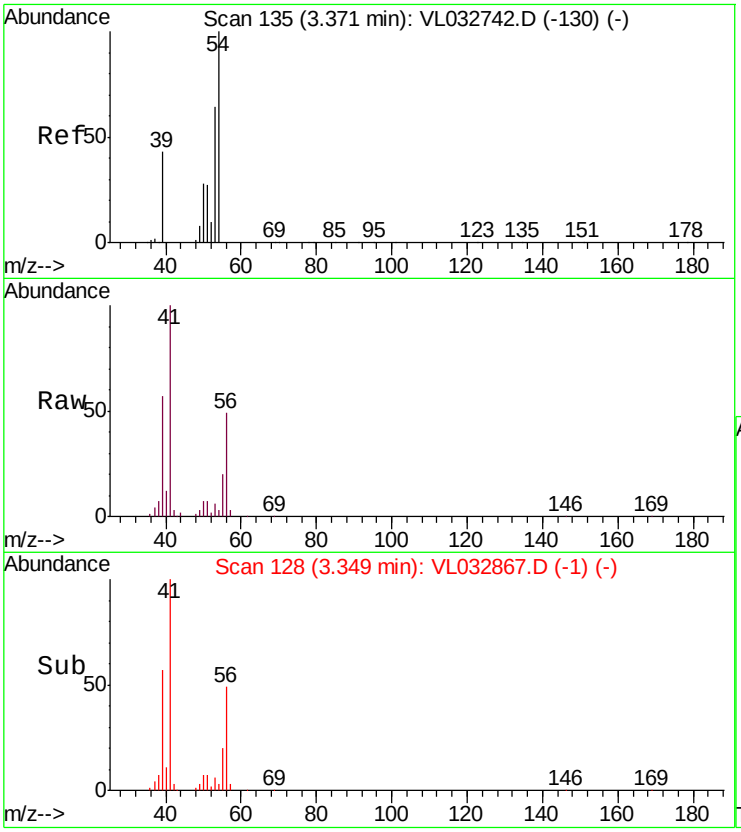


#15
Acetone
Concen: 0.611 ppbv
RT: 3.92 min Scan# 307
Delta R.T. 0.02 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 43 Resp: 82336

Ion	Ratio	Lower	Upper
43	100		
58	35.2	21.1	31.7#



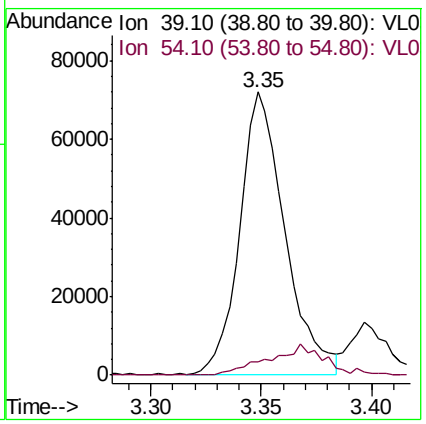


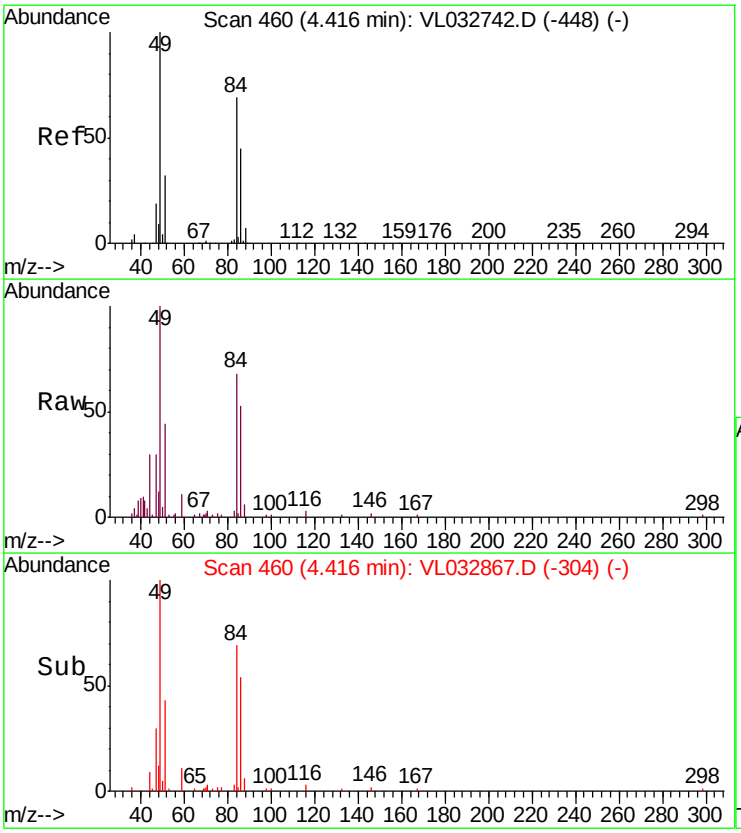
#16
1,3-Butadiene
Concen: 1.949 ppbv
RT: 3.35 min Scan# 128
Delta R.T. -0.02 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Tgt Ion: 39 Resp: 101692

Ion	Ratio	Lower	Upper
39	100		
54	13.6	68.9	103.3#

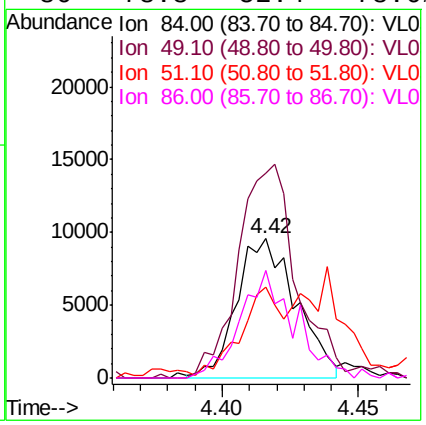


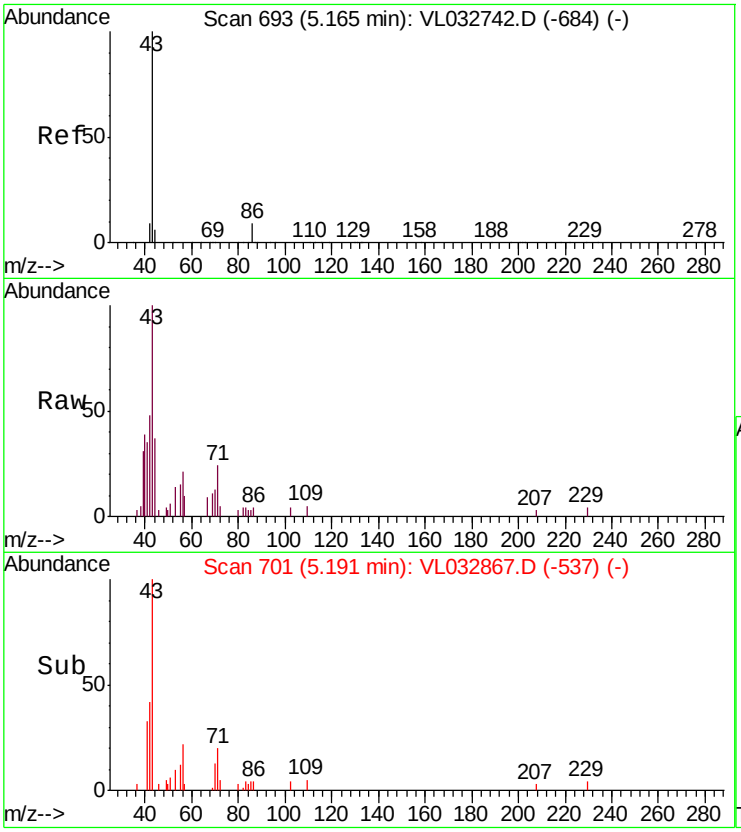


#20
Methylene Chloride
Concen: 0.208 ppbv
RT: 4.42 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 84 Resp: 14477

Ion	Ratio	Lower	Upper
84	100		
49	146.9	115.8	173.6
51	61.5	36.9	55.3#
86	78.8	52.4	78.6#



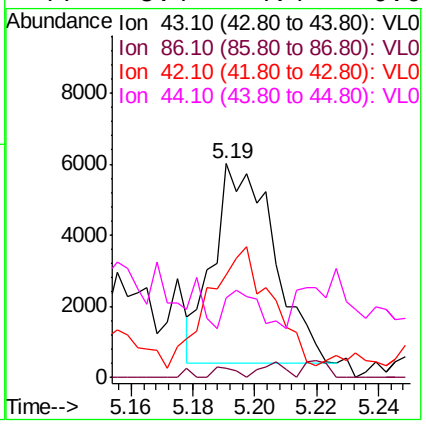


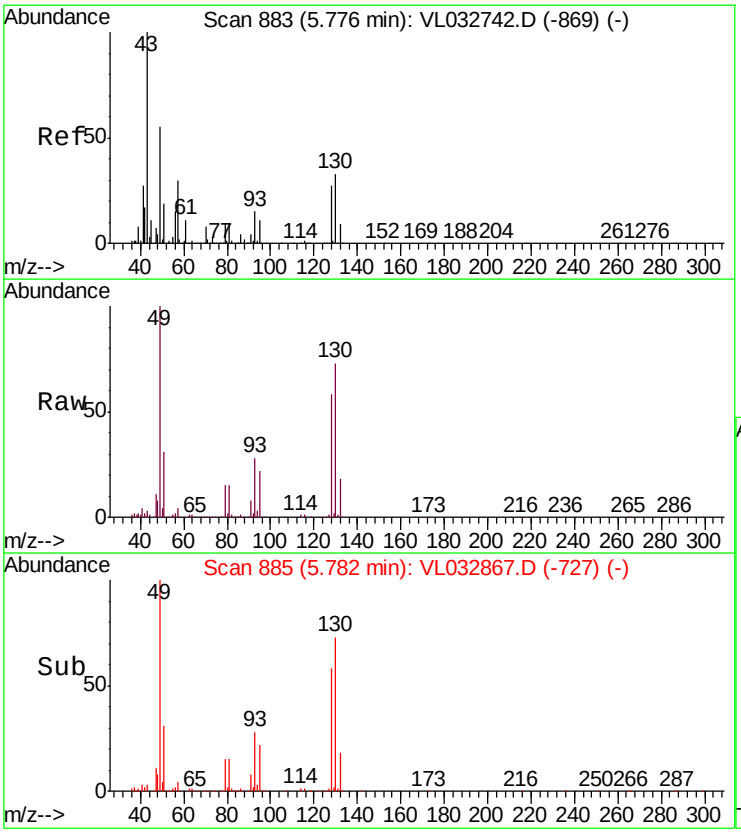
#23
Vinyl Acetate
Concen: 0.031 ppbv
RT: 5.19 min Scan# 701
Delta R.T. 0.03 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Tgt Ion: 43 Resp: 7663

Ion	Ratio	Lower	Upper
43	100		
86	4.4	6.2	9.4#
42	40.3	7.8	11.6#
44	5.4	4.4	6.6

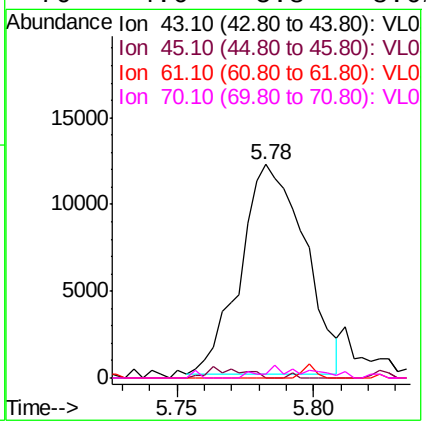


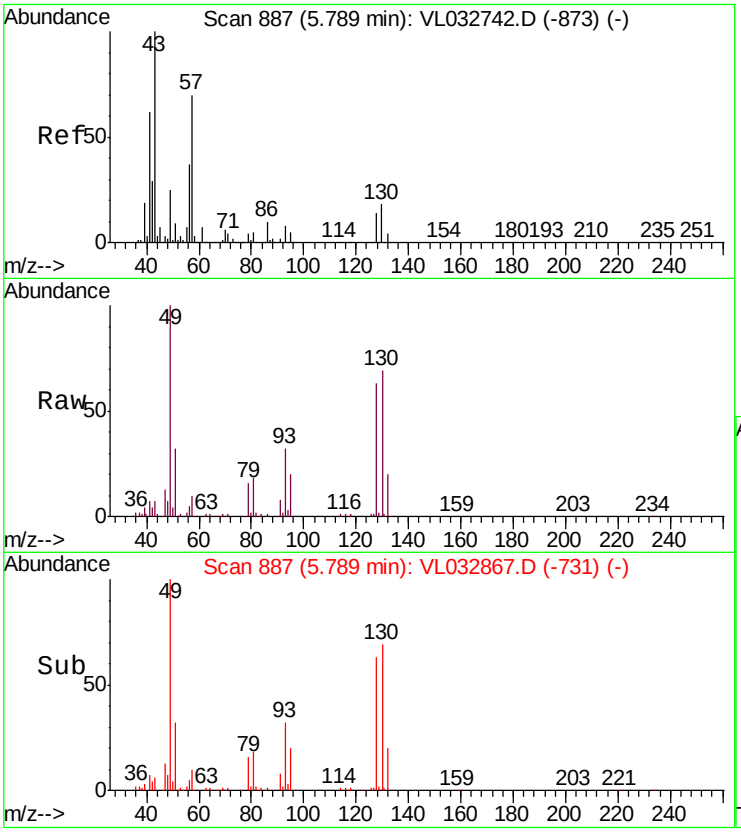


#25
Ethyl Acetate
Concen: 0.063 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 43 Resp: 19777

Ion	Ratio	Lower	Upper
43	100		
45	3.1	7.9	11.9#
61	1.3	7.8	11.6#
70	4.6	5.8	8.6#



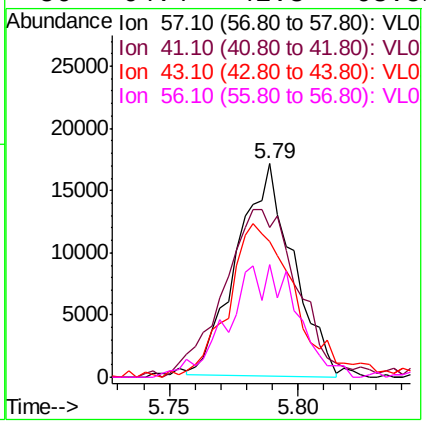


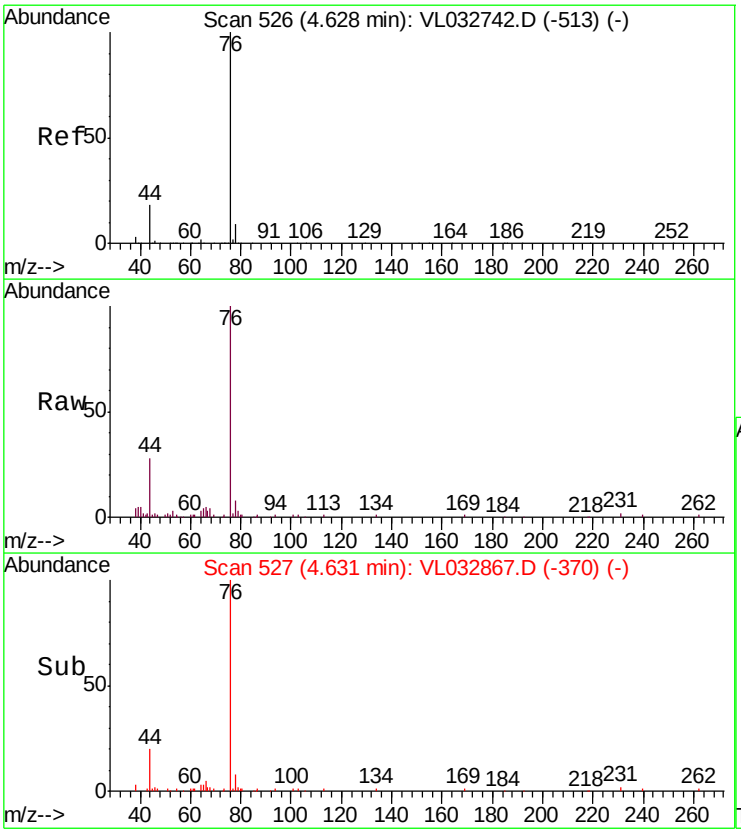
#26
Hexane
Concen: 0.186 ppbv
RT: 5.79 min Scan# 887
Delta R.T. 0.00 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Tgt Ion: 57 Resp: 26007

Ion	Ratio	Lower	Upper
57	100		
41	109.8	70.3	105.5#
43	87.8	174.0	261.0#
56	64.4	42.3	63.5#

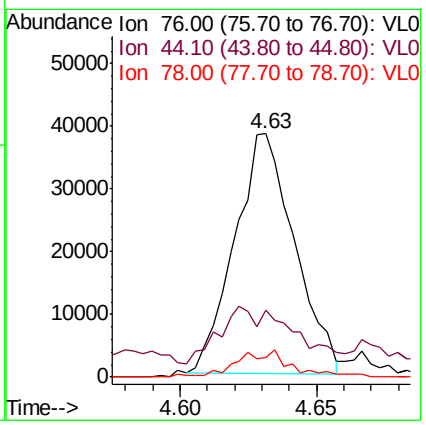


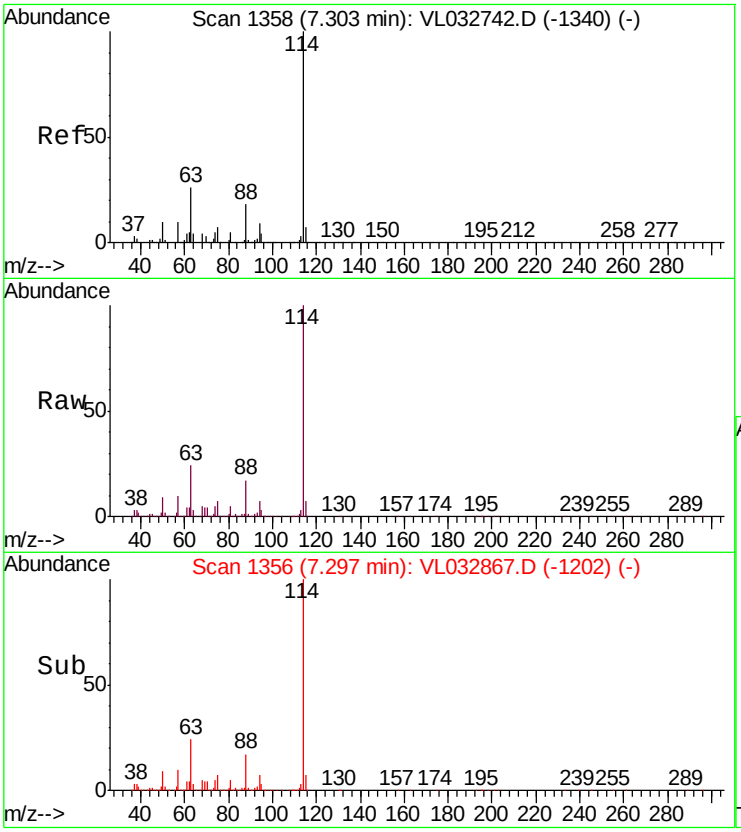


#27
Carbon Disulfide
Concen: 0.329 ppbv
RT: 4.63 min Scan# 527
Delta R.T. 0.00 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 76 Resp: 58349

Ion	Ratio	Lower	Upper
76	100		
44	40.8	14.4	21.6#
78	10.2	7.7	11.5



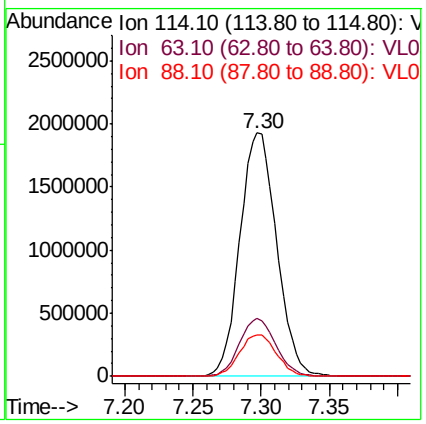


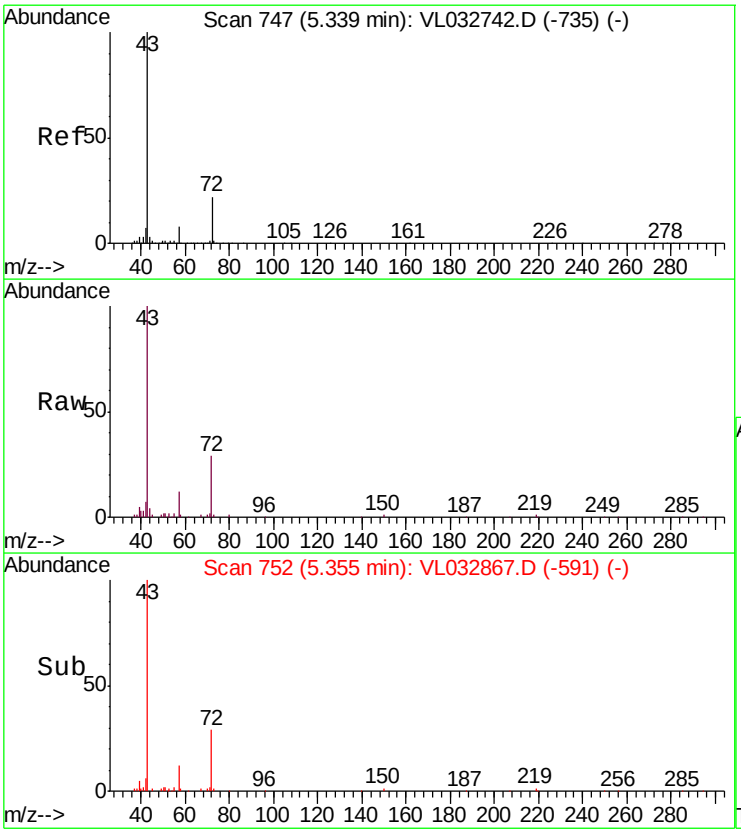
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
DSV-05DL

Tgt Ion:114 Resp: 3611309

Ion	Ratio	Lower	Upper
114	100		
63	23.6	20.9	31.3
88	17.3	14.4	21.6

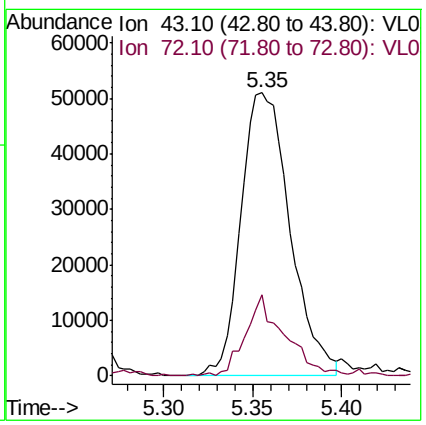


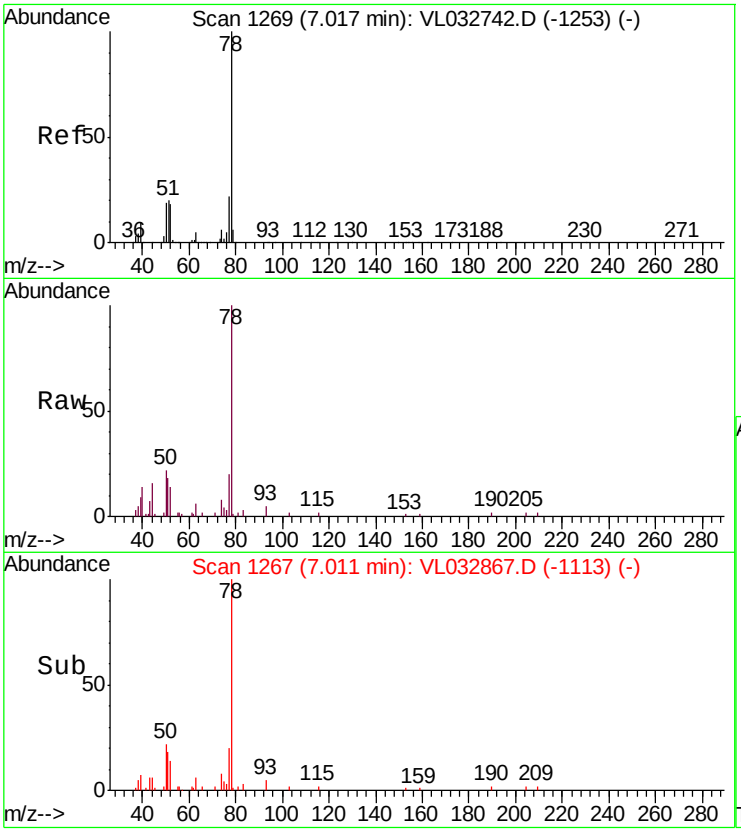


#34
2-Butanone
Concen: 0.524 ppbv
RT: 5.35 min Scan# 752
Delta R.T. 0.02 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 43 Resp: 98214

Ion	Ratio	Lower	Upper
43	100		
72	23.8	18.4	27.6



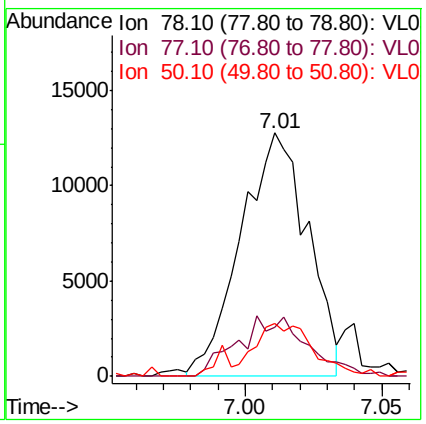


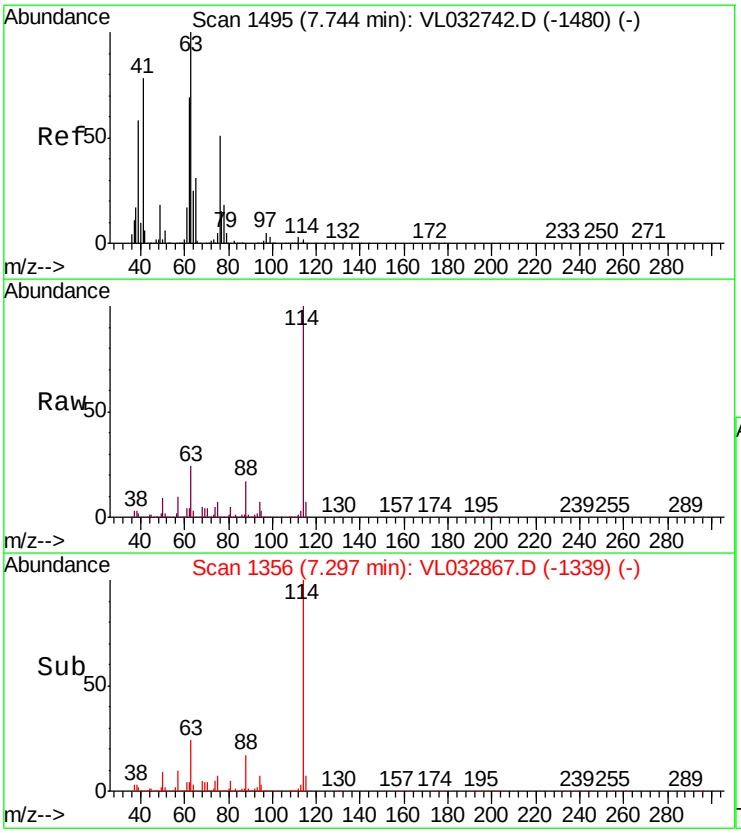
#36
Benzene
Concen: 0.075 ppbv
RT: 7.01 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument : MSVOA_L
ClientSampleId : DSV-05DL

Tgt Ion: 78 Resp: 21706

Ion	Ratio	Lower	Upper
78	100		
77	20.5	17.8	26.8
50	22.3	15.4	23.0

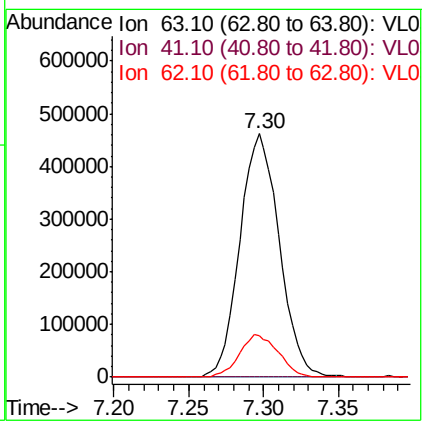


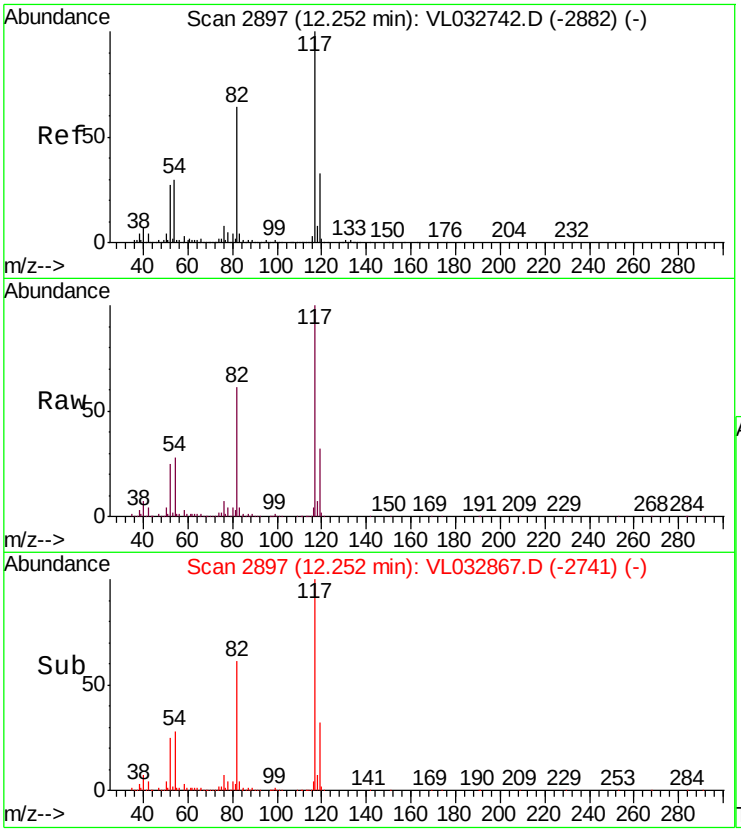


#39
1,2-Dichloropropane
Concen: 7.749 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.45 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 63 Resp: 849046

Ion	Ratio	Lower	Upper
63	100		
41	0.2	62.0	93.0#
62	17.1	55.4	83.2#



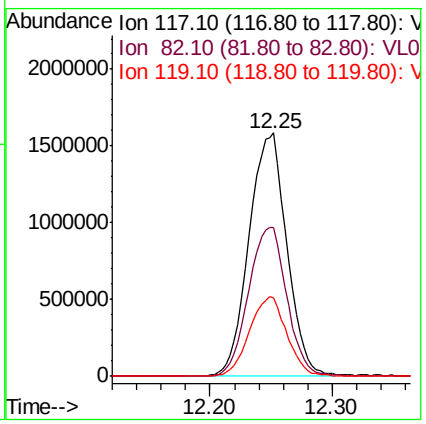


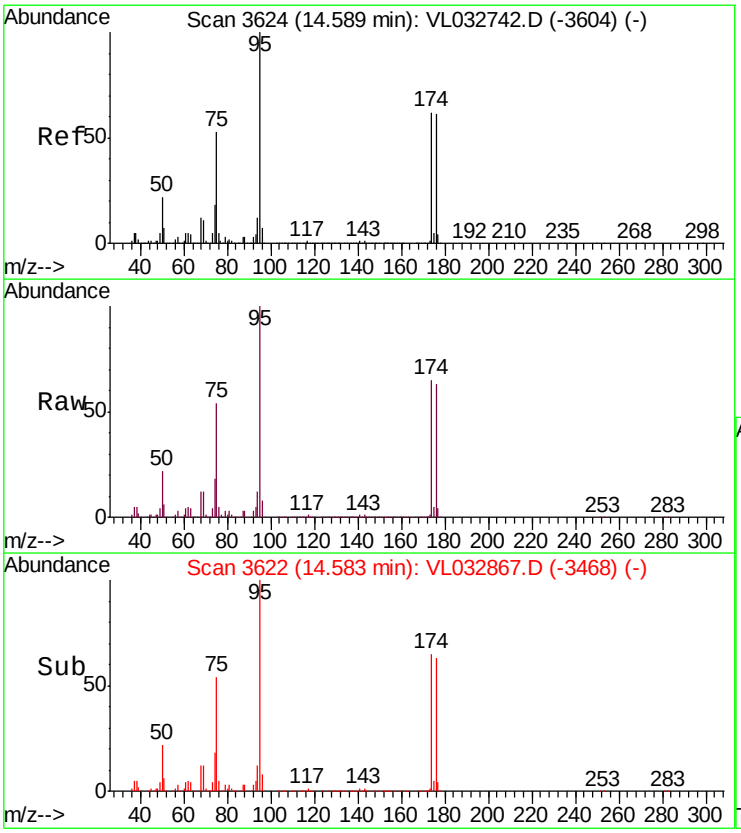
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2897
Delta R.T. 0.00 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Instrument :
MSVOA_L
ClientSampleId :
DSV-05DL

Tgt Ion:117 Resp: 3398464

Ion	Ratio	Lower	Upper
117	100		
82	62.7	51.0	76.6
119	32.5	28.0	42.0





#68
1-Bromo-4-Fluorobenzene
Concen: 9.885 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL032867.D
Acq: 1 Dec 2018 2:50

Tgt Ion: 95 Resp: 2512604

Ion	Ratio	Lower	Upper
95	100		
174	66.4	50.7	76.1
175	5.0	3.8	5.6