Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032620.D
Acq On : 12 Oct 2018 1:27
Operator : SY/AP
Sample : J5370-03DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Oct 12 03:30:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.79	49	1326923	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	3024221	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	3139888	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2256424	9.53	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.30%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.02	51	5772	0.052	ppbv		100
9) Propene	3.05	41	85110	1.778	ppbv		97
13) Ethanol	3.67	45	11469	0.797	ppbv	#	39
15) Acetone	3.92	43	1119810	9.614	ppbv		97
16) 1,3-Butadiene	3.36	39	82322	1.743	ppbv	#	9
17) tert-Butyl alcohol	4.40	59	18586	1.270	ppbv	#	100
20) Methylene Chloride	4.43	84	43835	0.777	ppbv		95
23) Vinyl Acetate	5.17	43	20922	0.102	ppbv	#	84
25) Ethyl Acetate	5.35	43	495878	1.755	ppbv	#	77
26) Hexane	5.81	57	4659	0.036	ppbv	#	1
27) Carbon Disulfide	4.65	76	9300	0.068	ppbv	#	70
34) 2-Butanone	5.35	43	495878	2.753	ppbv		97
36) Benzene	7.03	78	123252	0.504	ppbv	#	91
39) 1,2-Dichloropropane	7.32	63	815228	7.402	ppbv	#	26

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

Quantitation Report (Not Reviewed)

Data File : VL032620.D
Acq On : 12 Oct 2018 1:27
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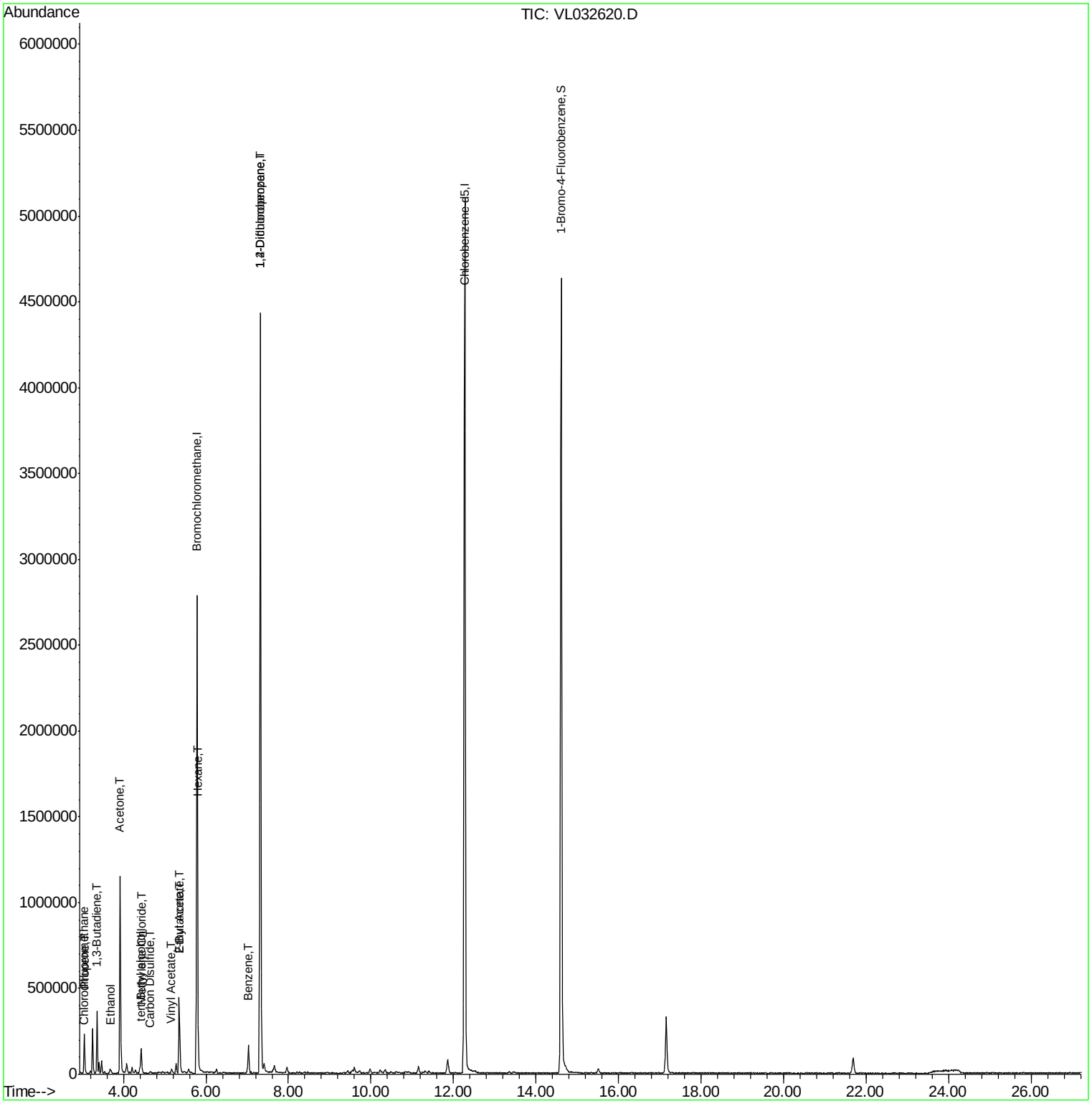
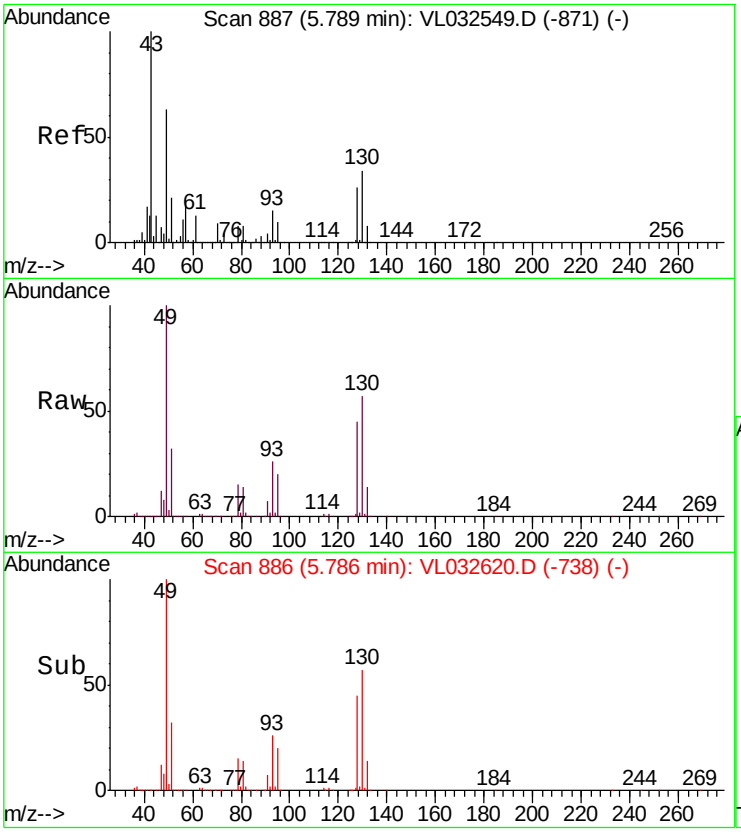
Sample : J5370-03DL2 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Oct 12 03:30:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration



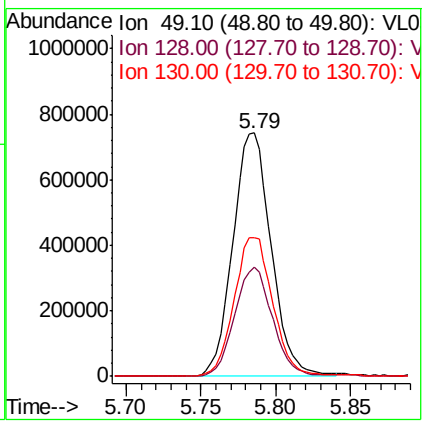


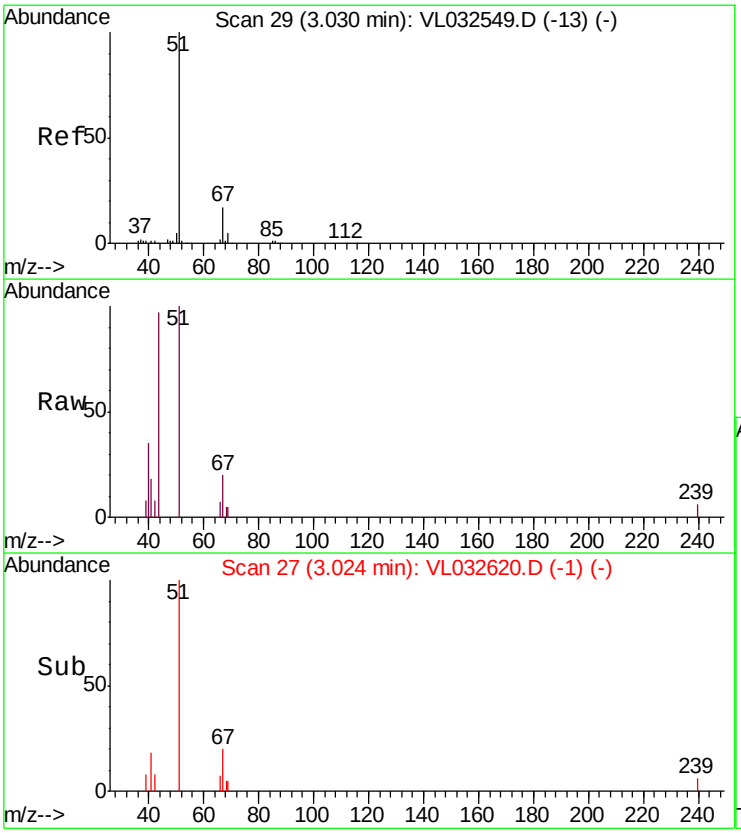
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 886
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 1326923

Ion	Ratio	Lower	Upper
49	100		
128	45.0	20.7	62.1
130	58.4	26.6	79.7

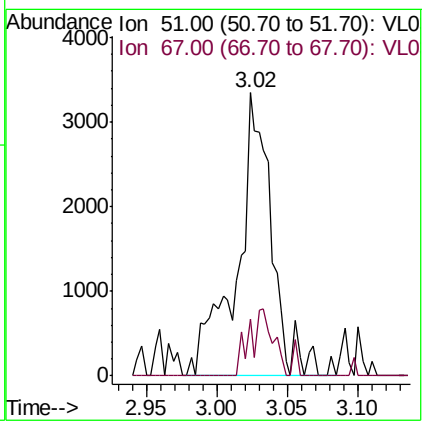


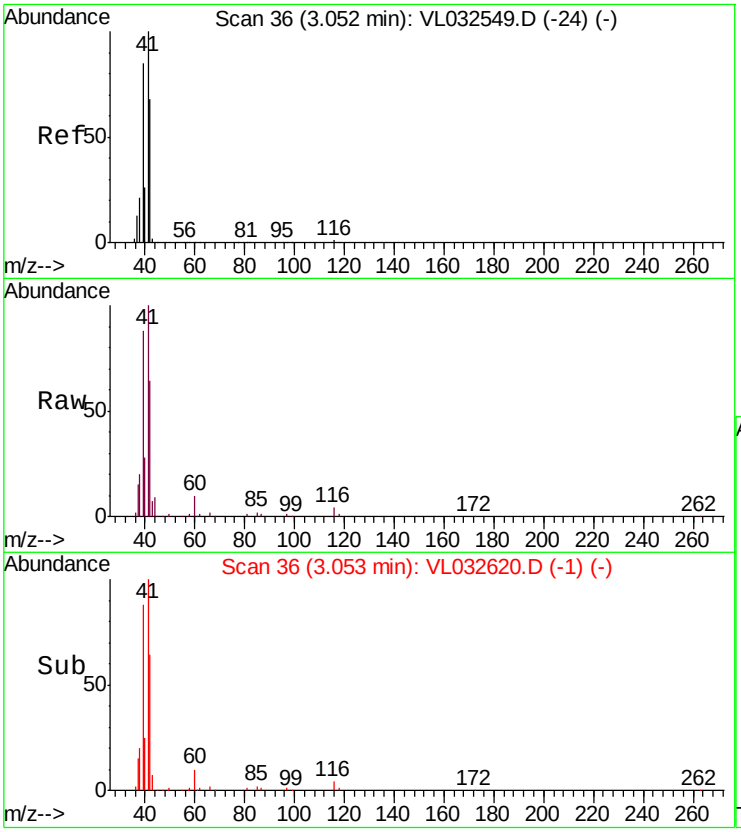


#3
Chlorodifluoromethane
Concen: 0.052 ppbv
RT: 3.02 min Scan# 27
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 51 Resp: 5772

Ion	Ratio	Lower	Upper
51	100		
67	17.5	13.8	20.8



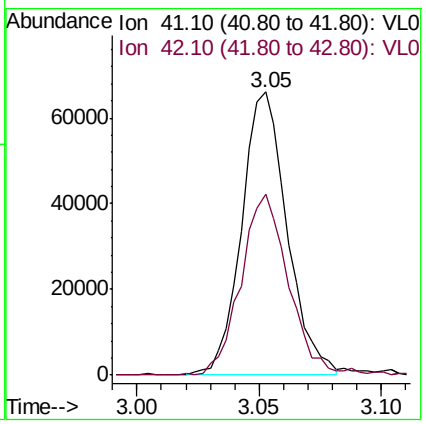


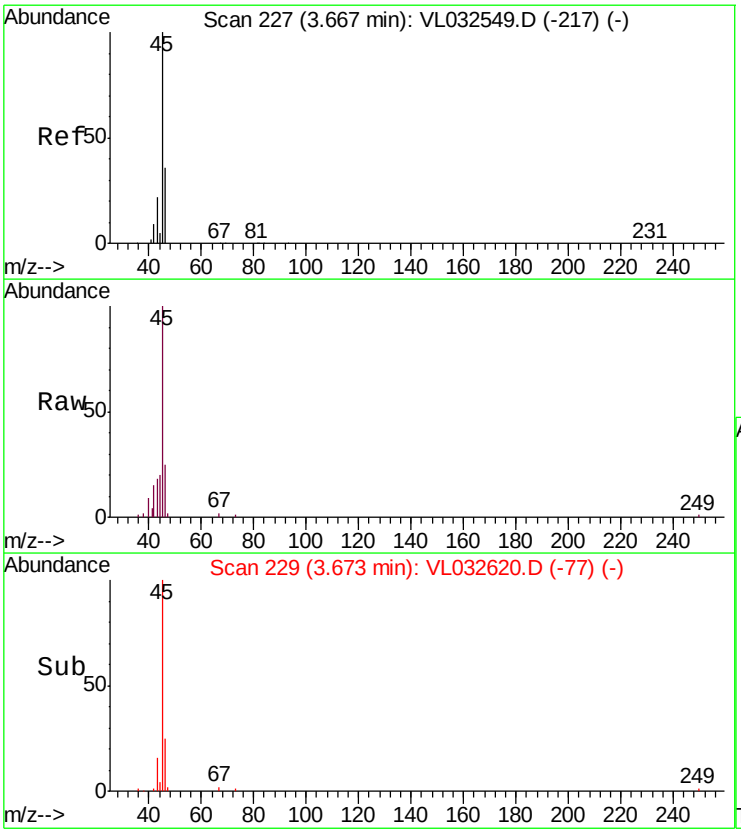
#9
Propene
Concen: 1.778 ppbv
RT: 3.05 min Scan# 36
Delta R.T. -0.01 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 85110

Ion	Ratio	Lower	Upper
41	100		
42	68.0	56.6	84.8

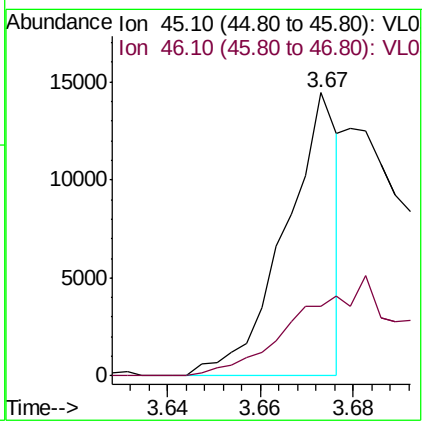


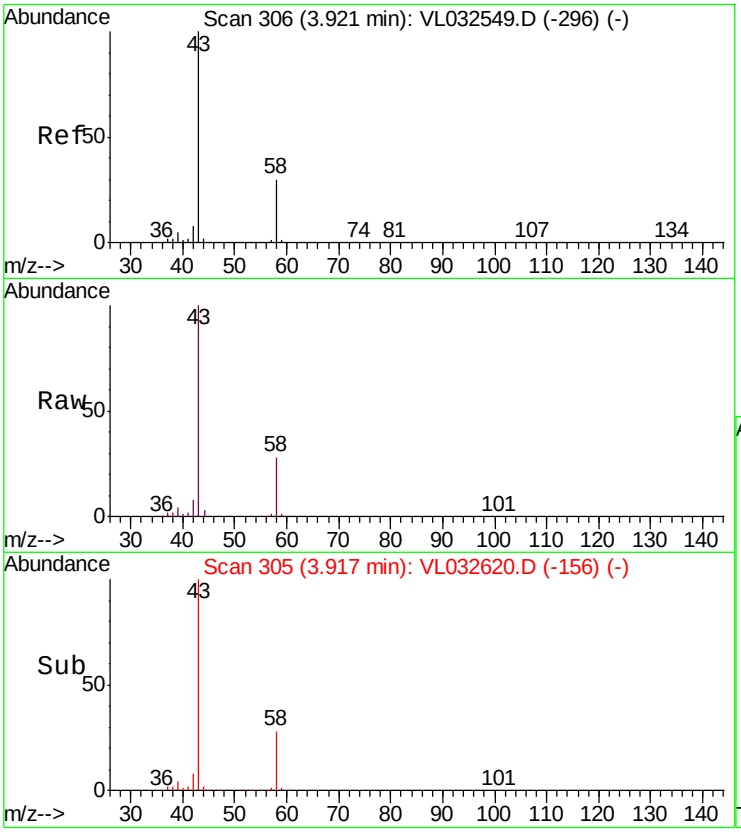


#13
Ethanol
Concen: 0.797 ppbv
RT: 3.67 min Scan# 229
Delta R.T. -0.01 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 45 Resp: 11469

Ion	Ratio	Lower	Upper
45	100		
46	0.0	14.2	56.8#



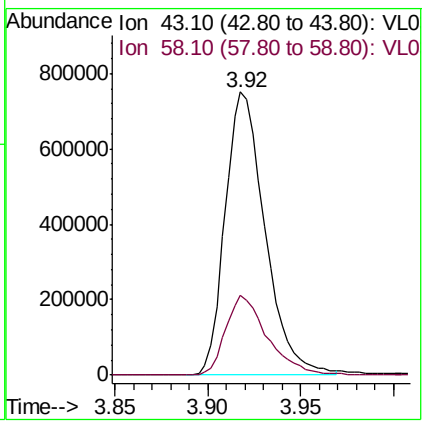


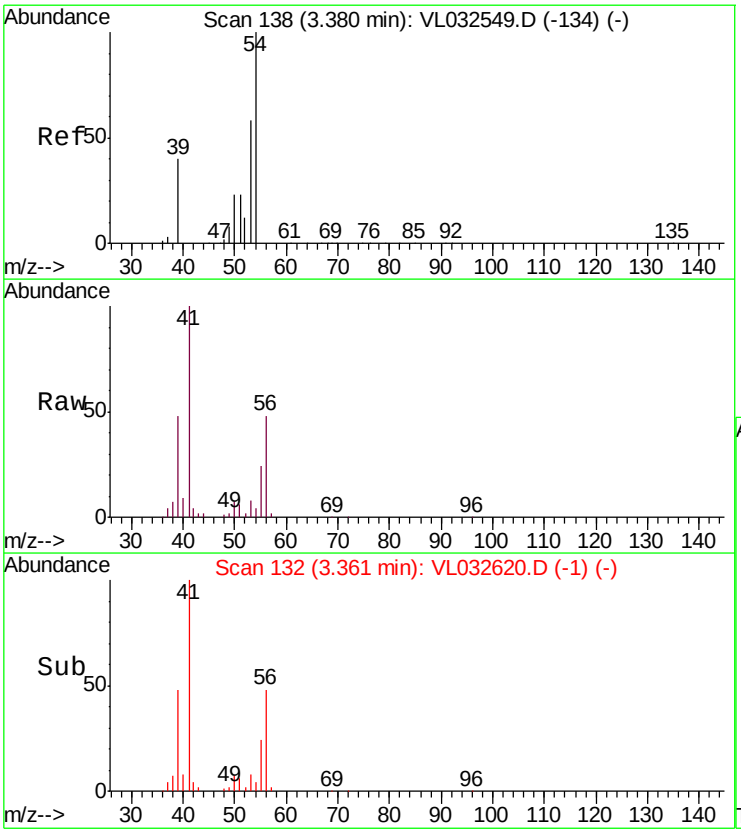
#15
Acetone
Concen: 9.614 ppbv
RT: 3.92 min Scan# 305
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1119810

Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.6	33.8

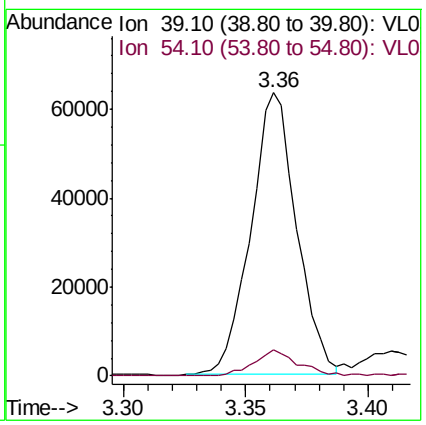


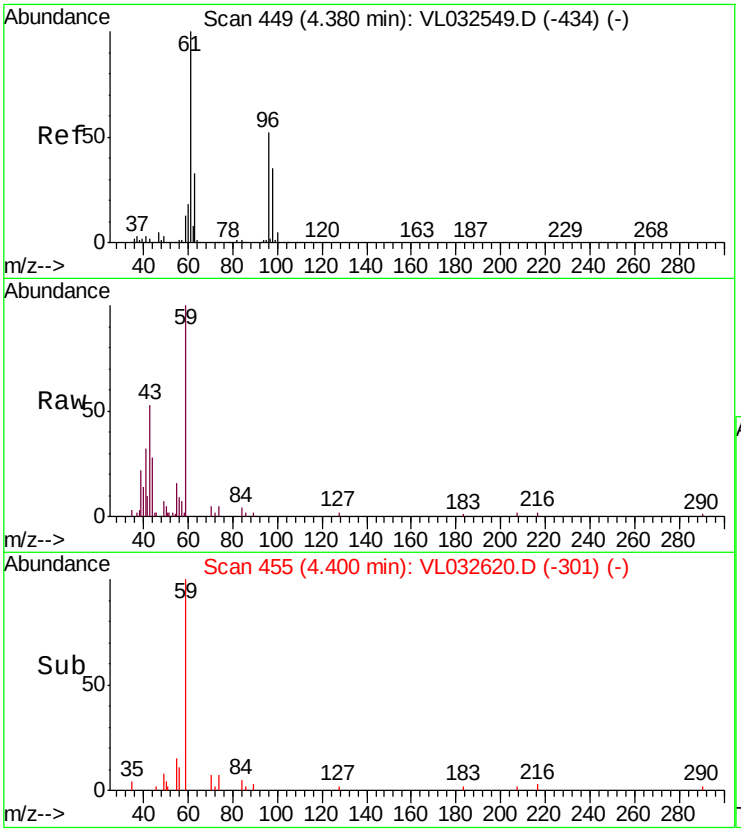


#16
1,3-Butadiene
Concen: 1.743 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.04 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 39 Resp: 82322

Ion	Ratio	Lower	Upper
39	100		
54	9.5	80.8	121.2#



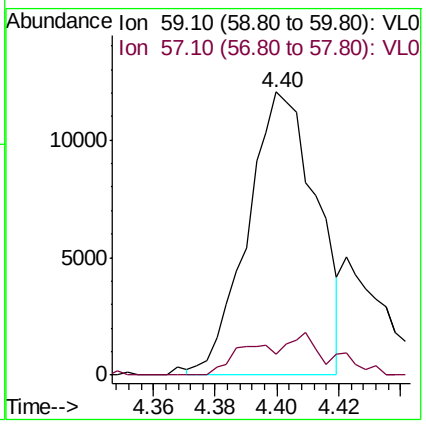


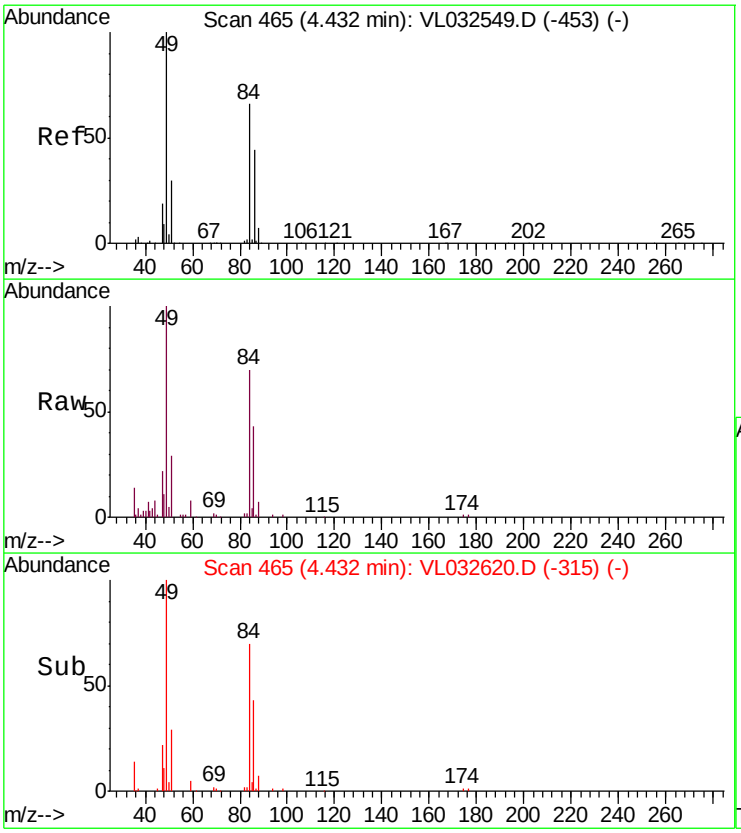
#17
tert-Butyl alcohol
Concen: 1.270 ppbv
RT: 4.40 min Scan# 455
Delta R.T. -0.01 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 59 Resp: 18586

Ion	Ratio	Lower	Upper
59	100		
57	16.3	0.0	0.0#

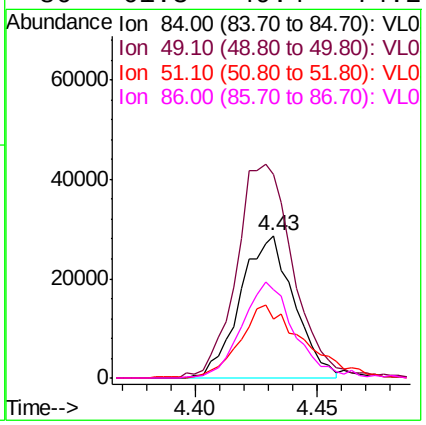


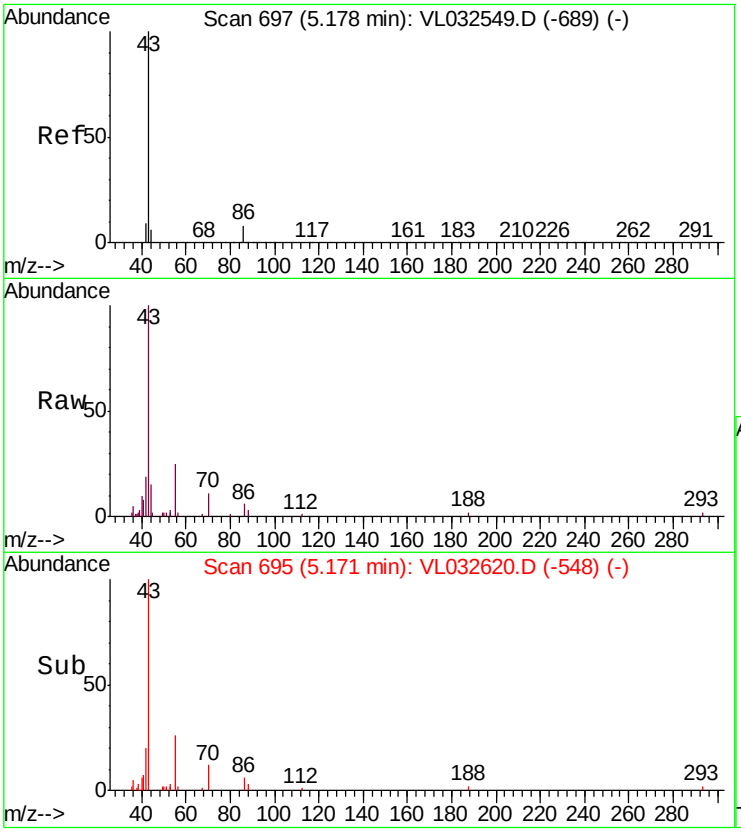


#20
Methylene Chloride
Concen: 0.777 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 84 Resp: 43835

Ion	Ratio	Lower	Upper
84	100		
49	139.9	119.1	178.7
51	41.8	35.2	52.8
86	61.3	49.4	74.2



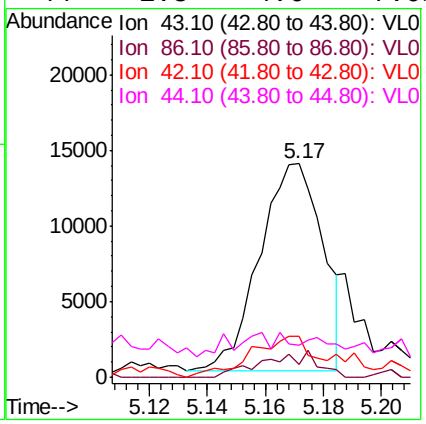


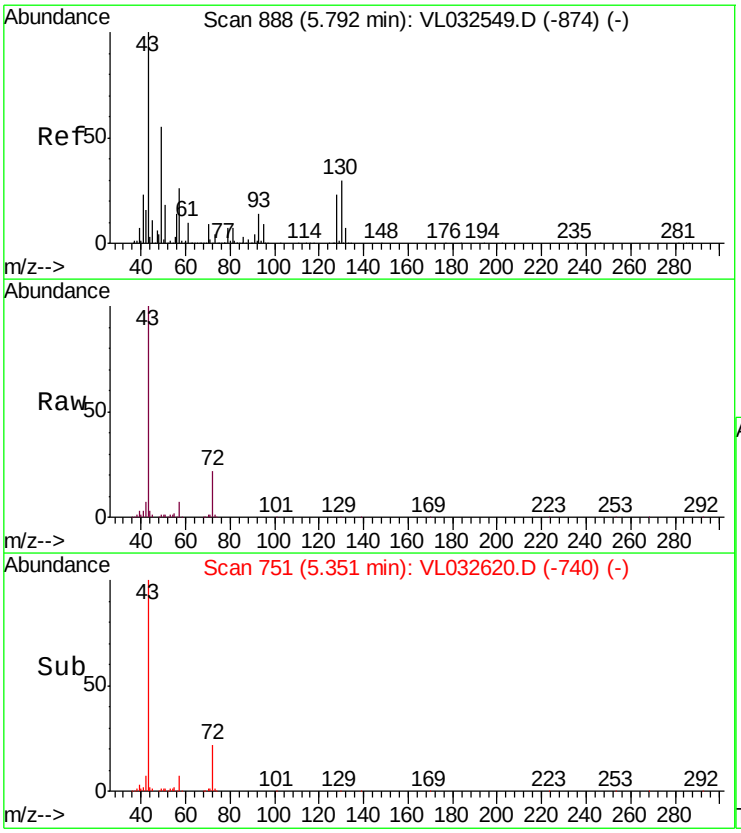
#23
Vinyl Acetate
Concen: 0.102 ppbv
RT: 5.17 min Scan# 695
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 43 Resp: 20922

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.9	8.9
42	19.8	6.9	10.3#
44	1.3	4.6	7.0#

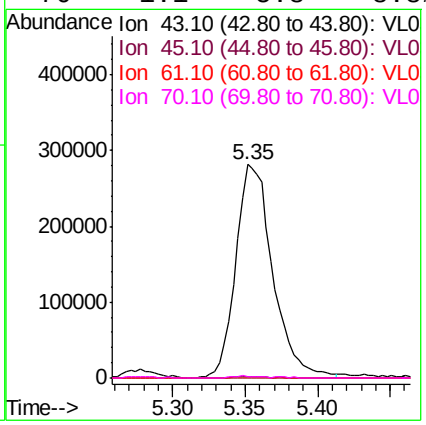


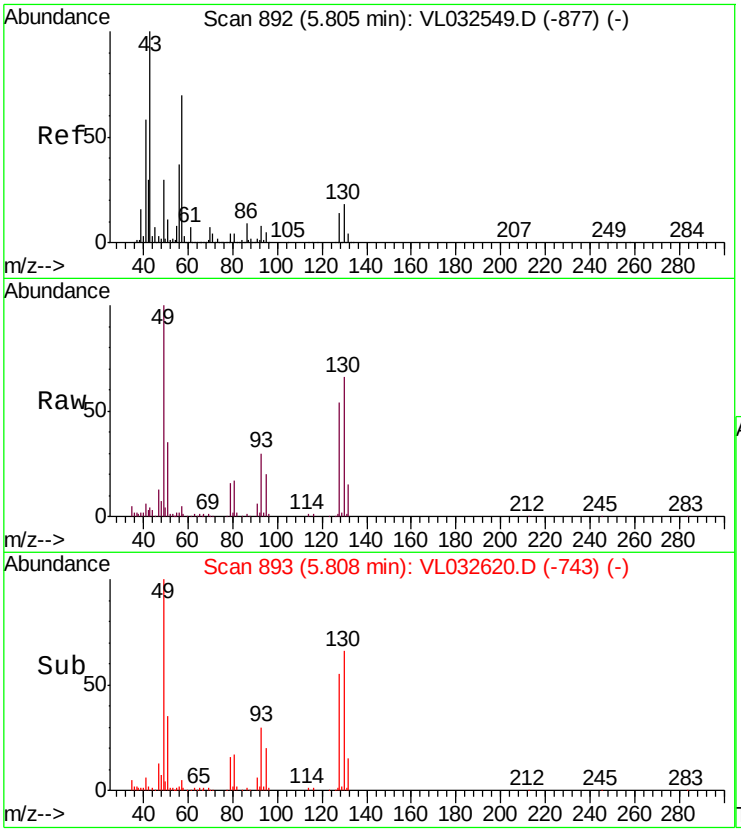


#25
Ethyl Acetate
Concen: 1.755 ppbv
RT: 5.35 min Scan# 751
Delta R.T. -0.46 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 43 Resp: 495878

Ion	Ratio	Lower	Upper
43	100		
45	0.8	8.0	12.0#
61	0.0	7.6	11.4#
70	1.1	5.8	8.8#



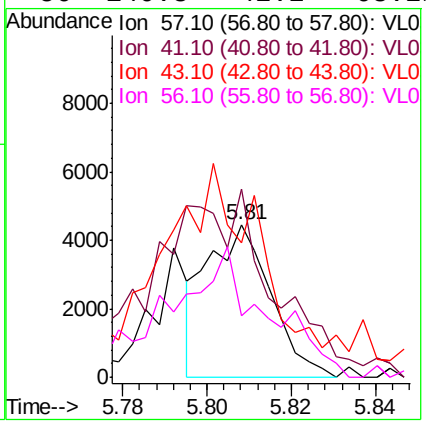


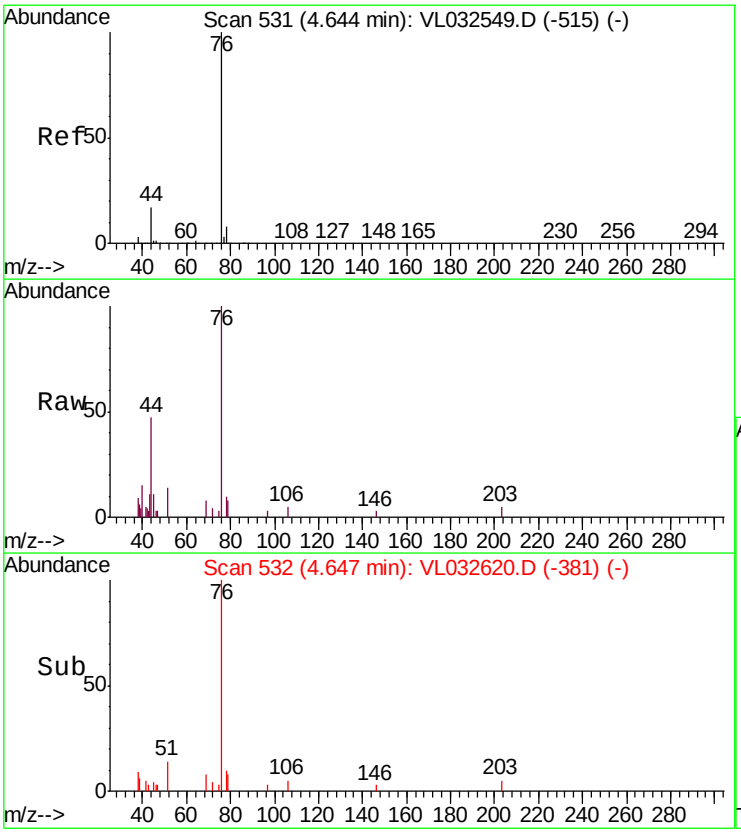
#26
Hexane
Concen: 0.036 ppbv
RT: 5.81 min Scan# 893
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 57 Resp: 4659

Ion	Ratio	Lower	Upper
57	100		
41	252.0	69.0	103.4#
43	0.0	172.1	258.1#
56	140.3	42.2	63.2#

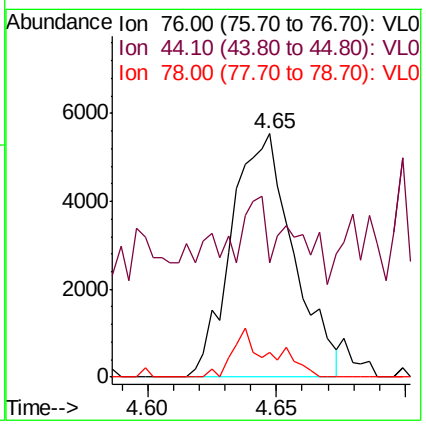


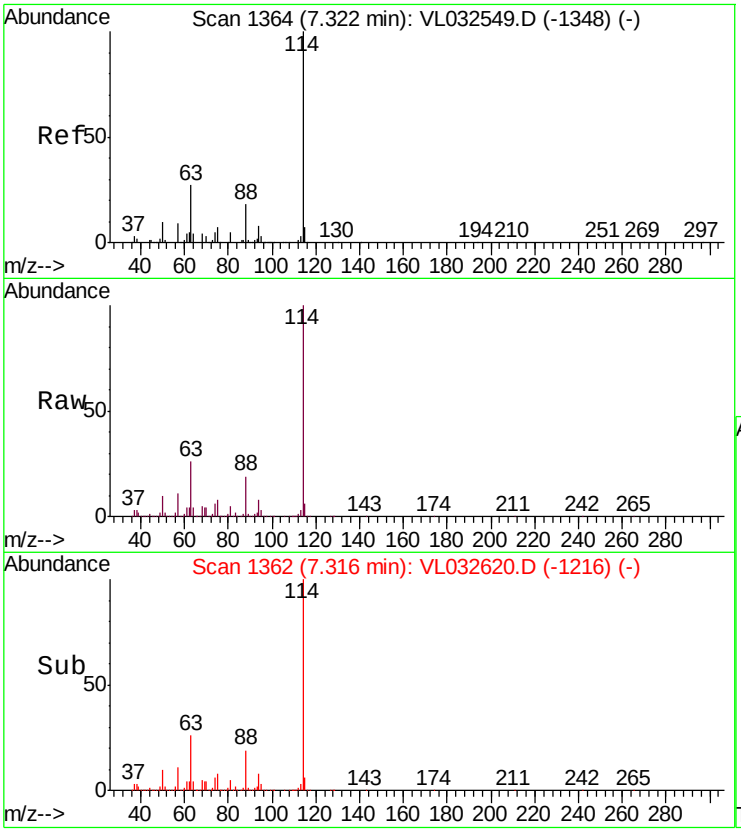


#27
Carbon Disulfide
Concen: 0.068 ppbv
RT: 4.65 min Scan# 532
Delta R.T. -0.01 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 76 Resp: 9300

Ion	Ratio	Lower	Upper
76	100		
44	35.6	14.0	21.0#
78	12.3	7.5	11.3#



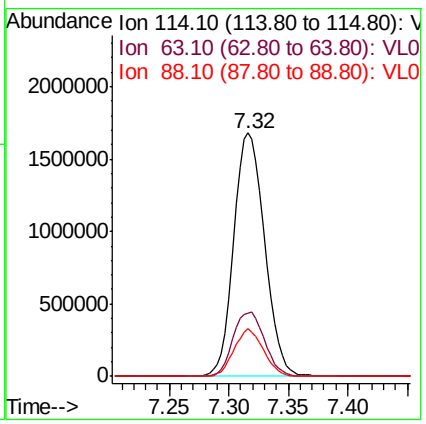


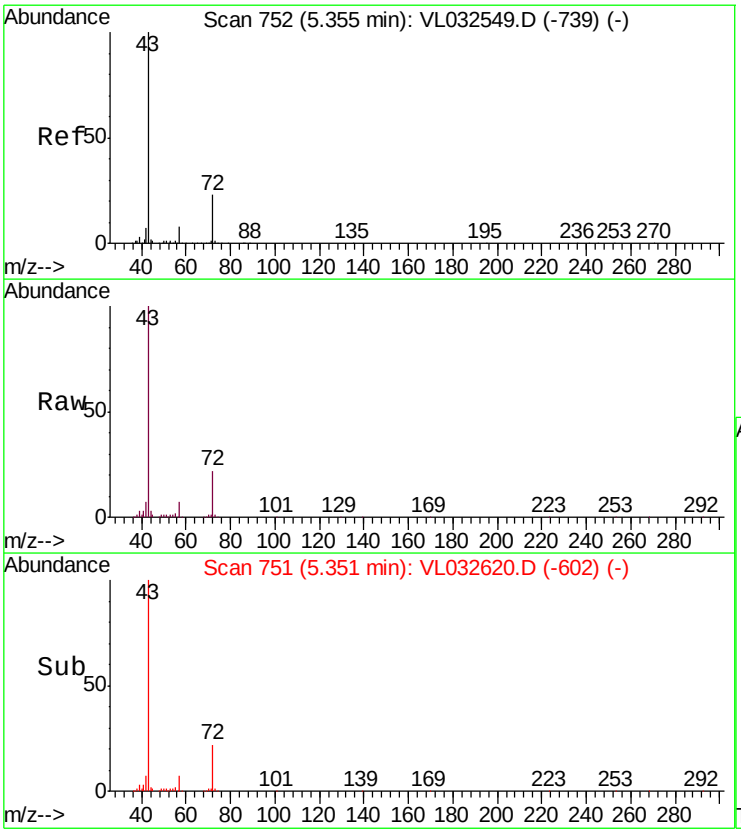
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1362
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 3024221

Ion	Ratio	Lower	Upper
114	100		
63	27.1	22.2	33.4
88	18.6	15.0	22.4

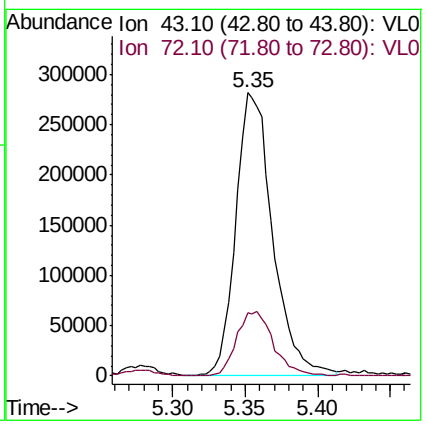


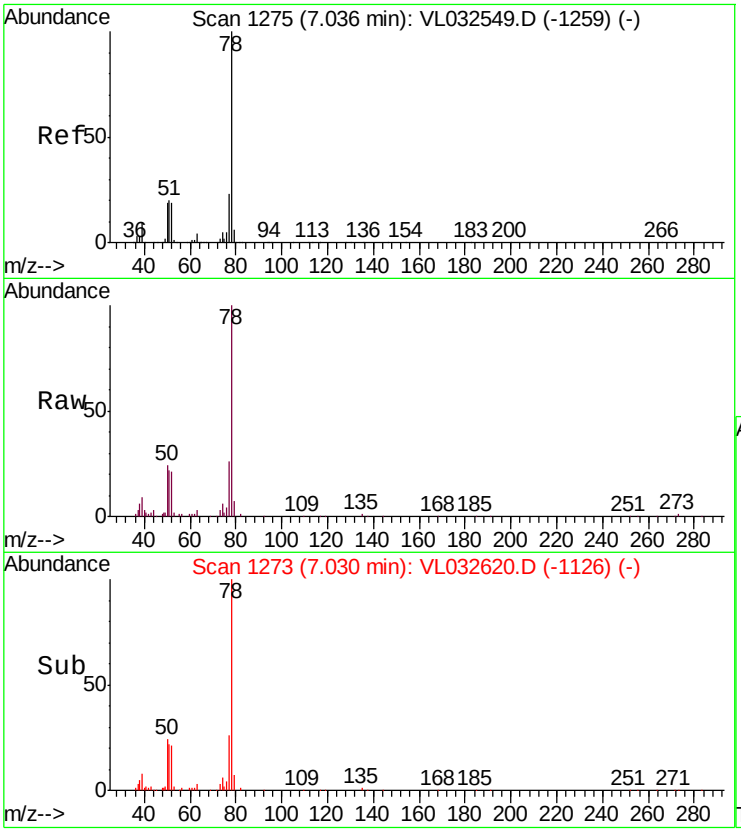


#34
2-Butanone
Concen: 2.753 ppbv
RT: 5.35 min Scan# 751
Delta R.T. -0.02 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 43 Resp: 495878

Ion	Ratio	Lower	Upper
43	100		
72	23.5	17.8	26.6



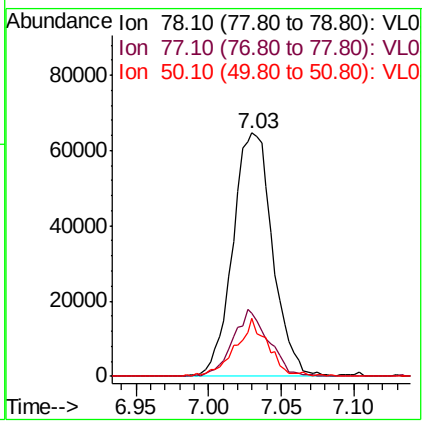


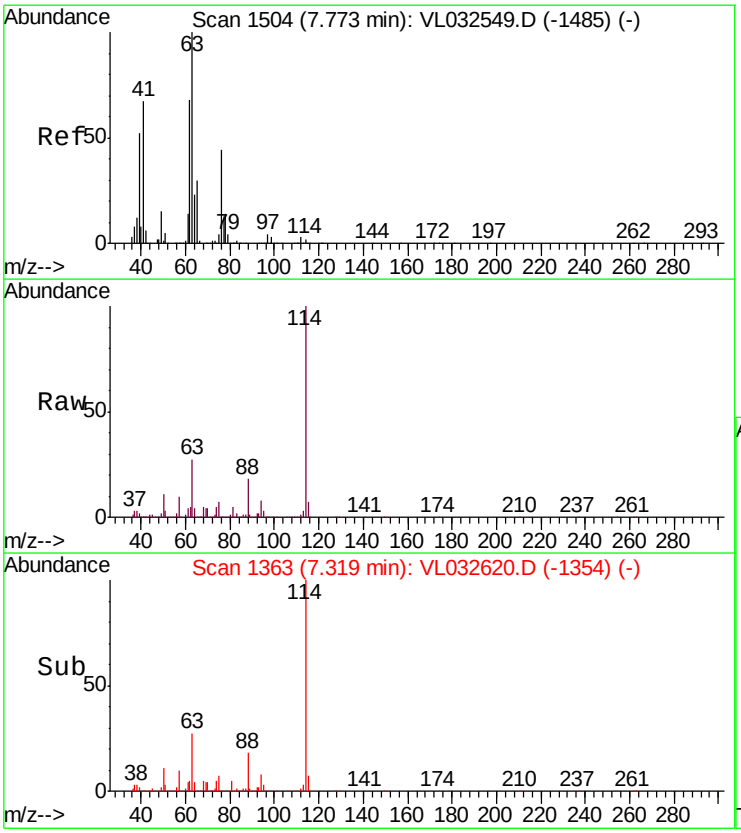
#36
Benzene
Concen: 0.504 ppbv
RT: 7.03 min Scan# 1273
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 78 Resp: 123252

Ion	Ratio	Lower	Upper
78	100		
77	25.9	18.4	27.6
50	23.2	14.4	21.6#

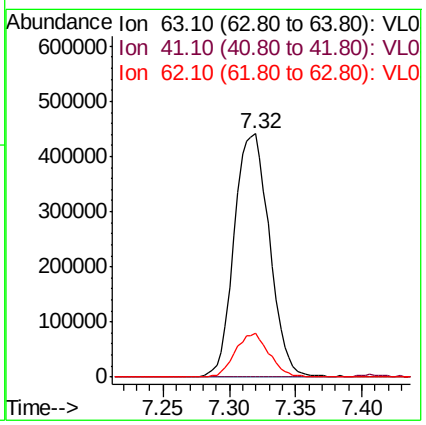


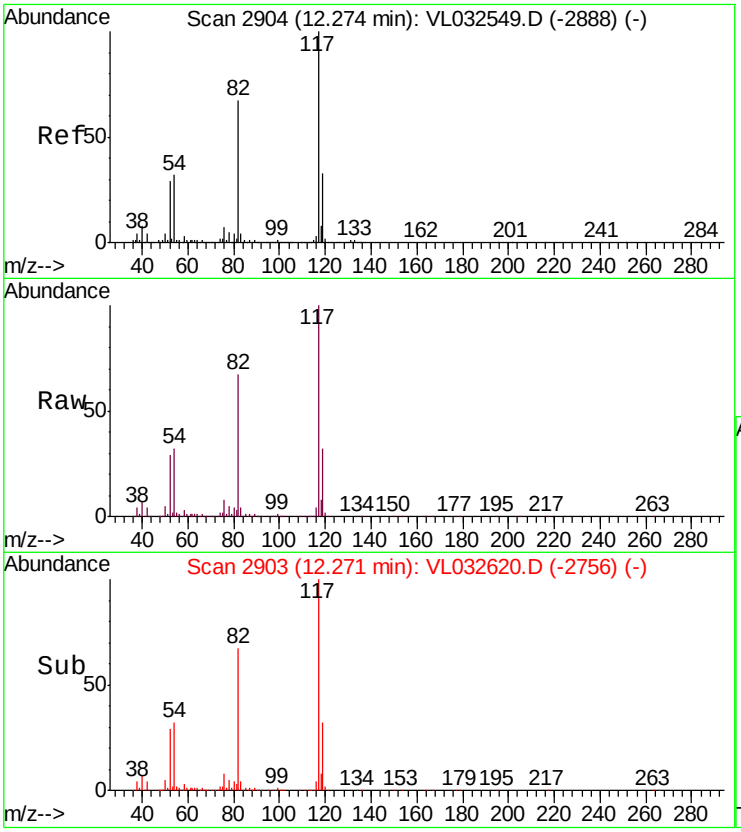


#39
1,2-Dichloropropane
Concen: 7.402 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.47 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 63 Resp: 815228

Ion	Ratio	Lower	Upper
63	100		
41	0.2	55.4	83.0#
62	18.0	55.4	83.0#



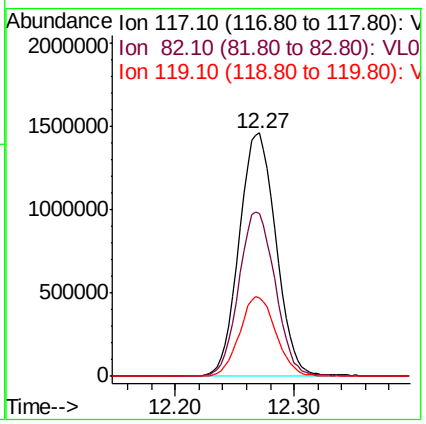


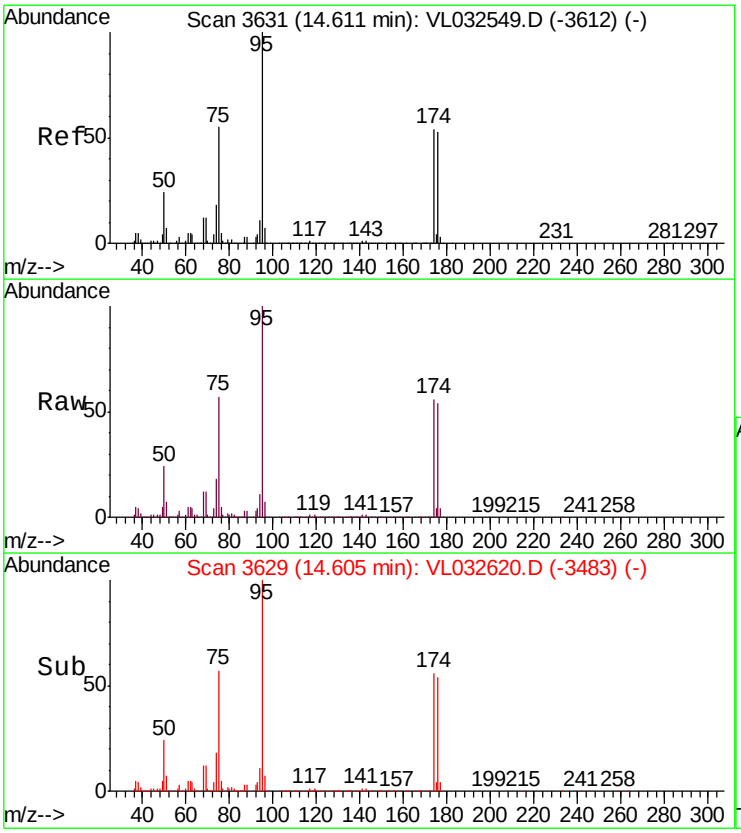
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:117 Resp: 3139888

Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.0	79.6
119	32.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.529 ppbv
RT: 14.61 min Scan# 3629
Delta R.T. -0.03 min
Lab File: VL032620.D
Acq: 12 Oct 2018 1:27

Tgt Ion: 95 Resp: 2256424

Ion	Ratio	Lower	Upper
95	100		
174	57.9	46.3	69.5
175	4.2	3.4	5.0