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

Quantitation Report (Not Reviewed)

Data File : VL032610.D
Acq On : 11 Oct 2018 18:45
Operator : SY/AP
Sample : J5370-05DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AMBIENT-SVI-100518DUP

Quant Time: Oct 12 01:55:46 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	1343896	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.32	114	2719616	10.00	ppbv		-0.03
55) Chlorobenzene-d5	12.27	117	2964097	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2089286	9.35	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 93.50%				
Target Compounds							Qvalue
3) Chlorodifluoromethane	3.03	51	28928	0.259	ppbv		97
4) Chloromethane	3.18	50	30981	0.475	ppbv		92
9) Propene	3.05	41	453650	9.356	ppbv		98
10) Heptane	8.27	43	18636	0.105	ppbv	#	33
11) Trichlorofluoromethane	4.02	101	33559	0.227	ppbv		86
12) 1,1,2-Trichlorotrifluoroet	4.58	101	3859	0.032	ppbv	#	17
13) Ethanol	3.67	45	243940	16.737	ppbv		98
15) Acetone	3.91	43	5218302	44.236	ppbv		91
16) 1,3-Butadiene	3.36	39	396383	8.286	ppbv	#	6
17) tert-Butyl alcohol	4.39	59	84731	5.716	ppbv	#	100
19) Isopropyl Alcohol	4.05	45	23493	0.286	ppbv	#	93
20) Methylene Chloride	4.43	84	89610	1.569	ppbv		93
23) Vinyl Acetate	5.17	43	205198	0.984	ppbv	#	94
25) Ethyl Acetate	5.80	43	169819	0.593	ppbv	#	89
26) Hexane	5.80	57	177233	1.371	ppbv	#	46
27) Carbon Disulfide	4.64	76	12552	0.090	ppbv	#	35
34) 2-Butanone	5.35	43	3678693	22.715	ppbv		98
35) Carbon Tetrachloride	7.16	117	8738	0.046	ppbv		92
36) Benzene	7.03	78	92824	0.422	ppbv	#	95
39) 1,2-Dichloropropane	7.32	63	710667	7.175	ppbv	#	24
43) Methyl Methacrylate	8.21	69	15954	0.174	ppbv	#	54
51) 2-Hexanone	10.30	43	823209	3.910	ppbv	#	99
53) Toluene	9.98	91	199790	0.746	ppbv		99

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

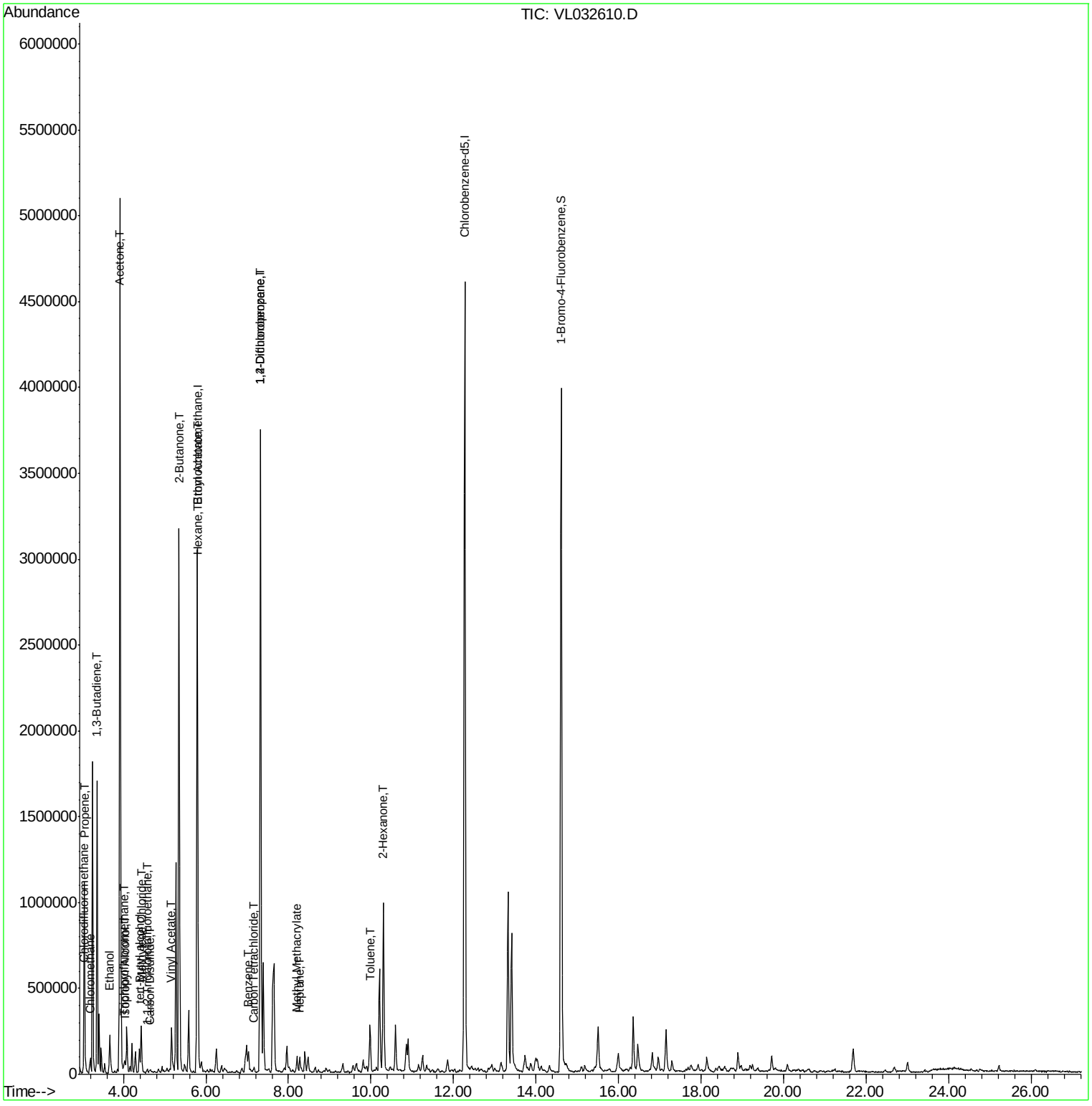
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101118\

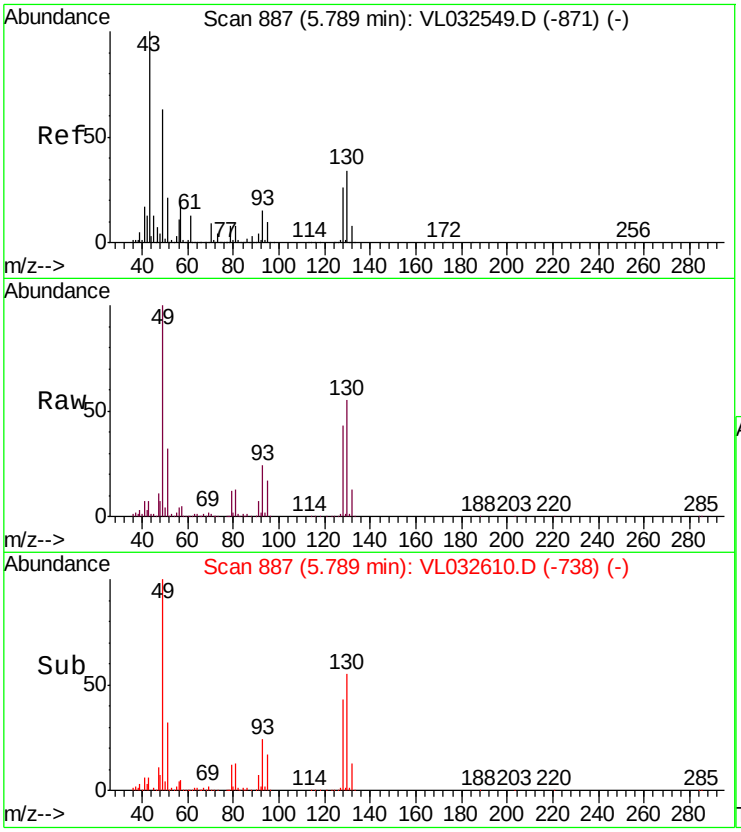
Quantitation Report (Not Reviewed)

Data File : VL032610.D
Acq On : 11 Oct 2018 18:45
Operator : SY/AP
Sample : J5370-05DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AMBIENT-SVI-100518DUP

Quant Time: Oct 12 01:55:46 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



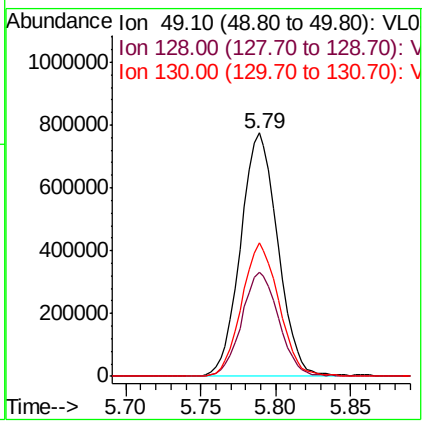


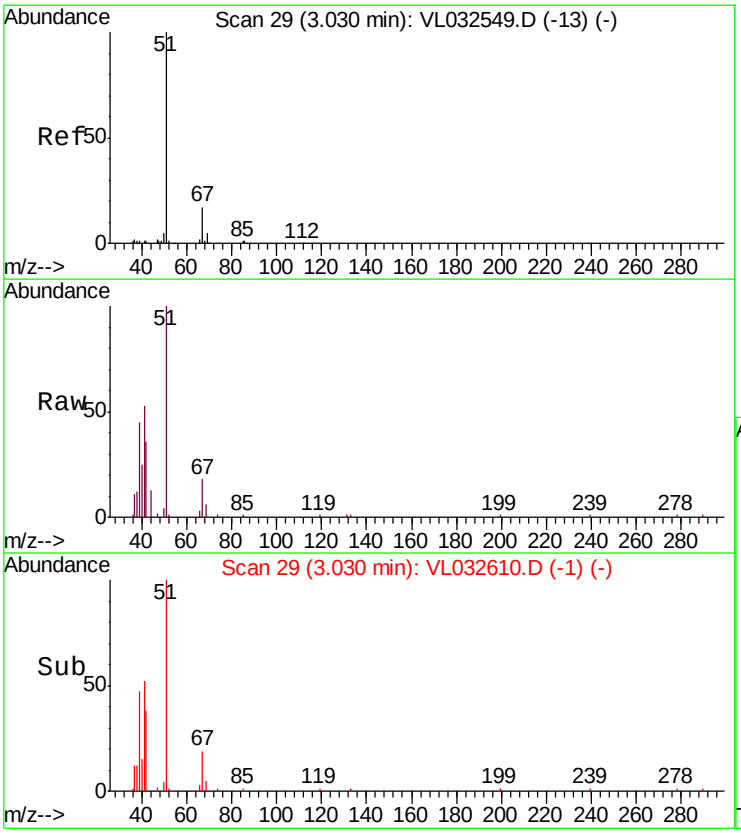
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 49 Resp: 1343896

Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.7	62.1
130	55.1	26.6	79.7

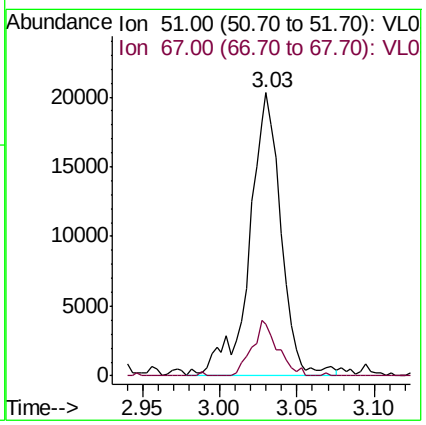


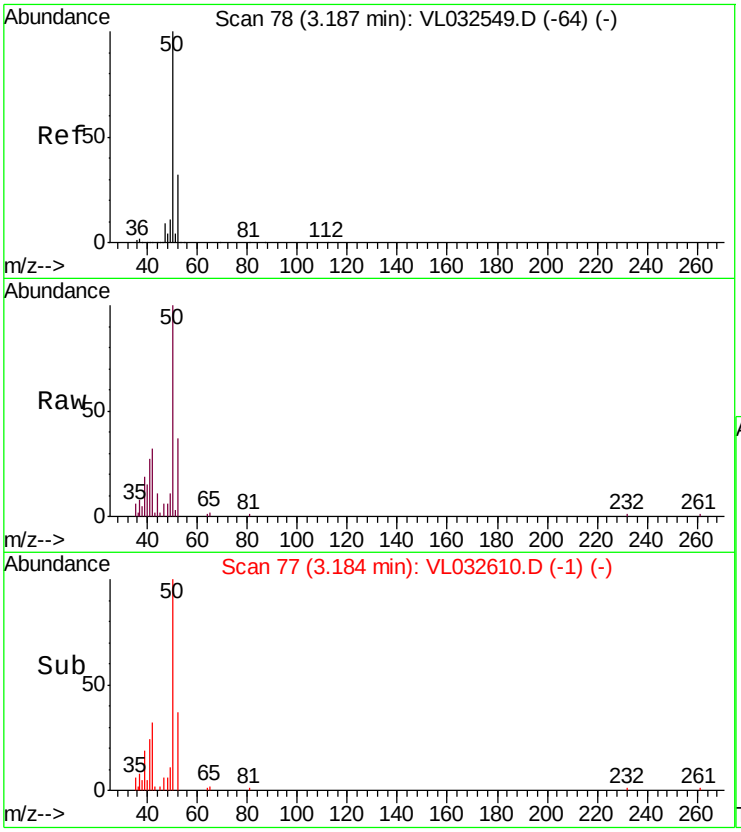


#3
Chlorodifluoromethane
Concen: 0.259 ppbv
RT: 3.03 min Scan# 29
Delta R.T. -0.01 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 51 Resp: 28928

Ion	Ratio	Lower	Upper
51	100		
67	16.2	13.8	20.8



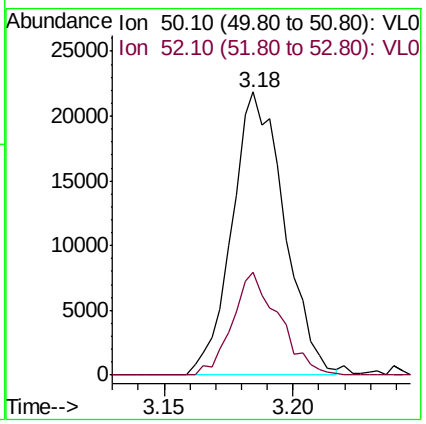


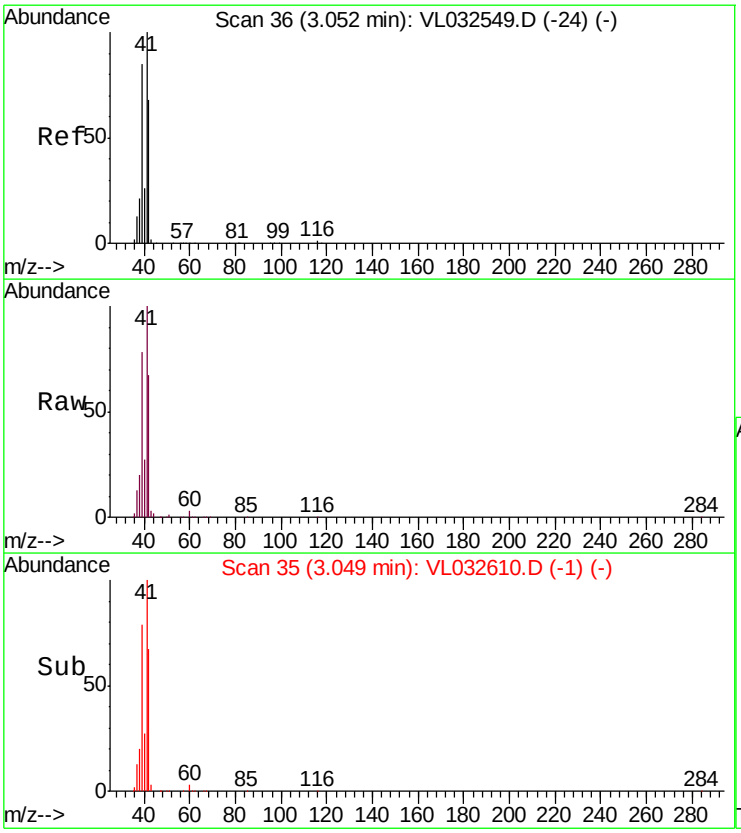
#4
Chloromethane
Concen: 0.475 ppbv
RT: 3.18 min Scan# 77
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 50 Resp: 30981

Ion	Ratio	Lower	Upper
50	100		
52	36.5	25.6	38.4

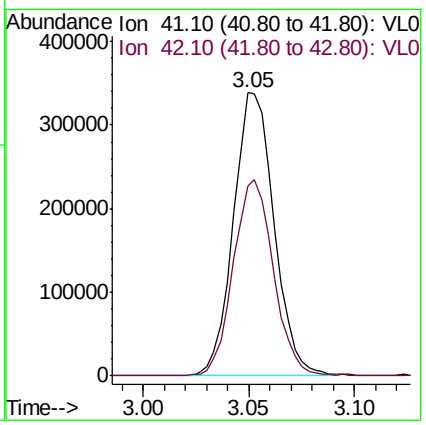


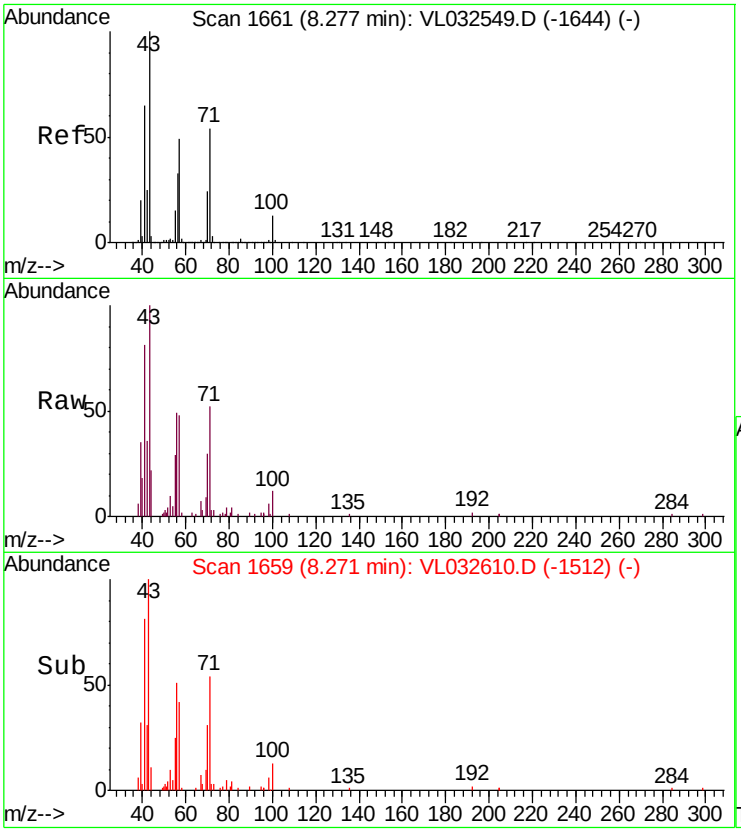


#9
Propene
Concen: 9.356 ppbv
RT: 3.05 min Scan# 35
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 41 Resp: 453650

Ion	Ratio	Lower	Upper
41	100		
42	68.8	56.6	84.8



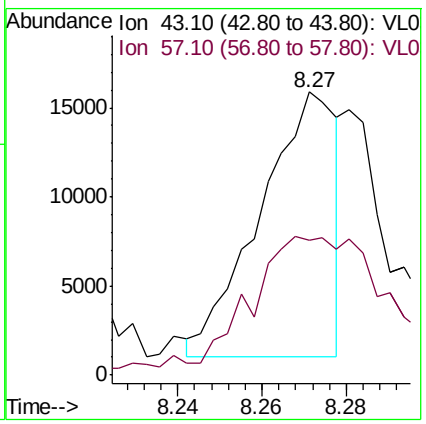


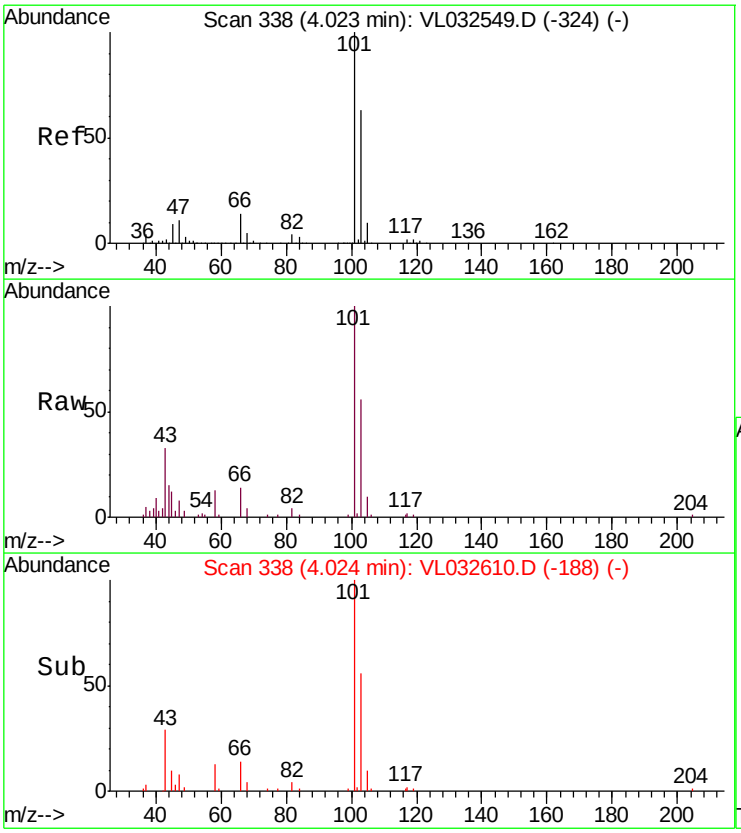
#10
Heptane
Concen: 0.105 ppbv
RT: 8.27 min Scan# 1659
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 43 Resp: 18636

Ion	Ratio	Lower	Upper
43	100		
57	95.6	39.6	59.4#

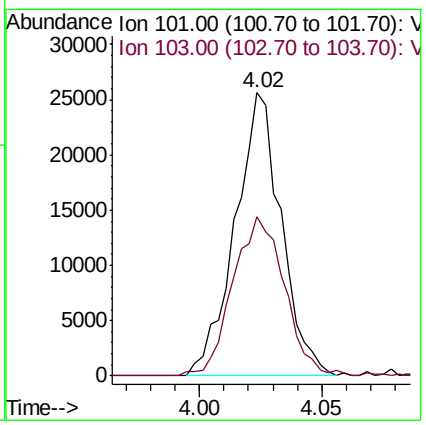


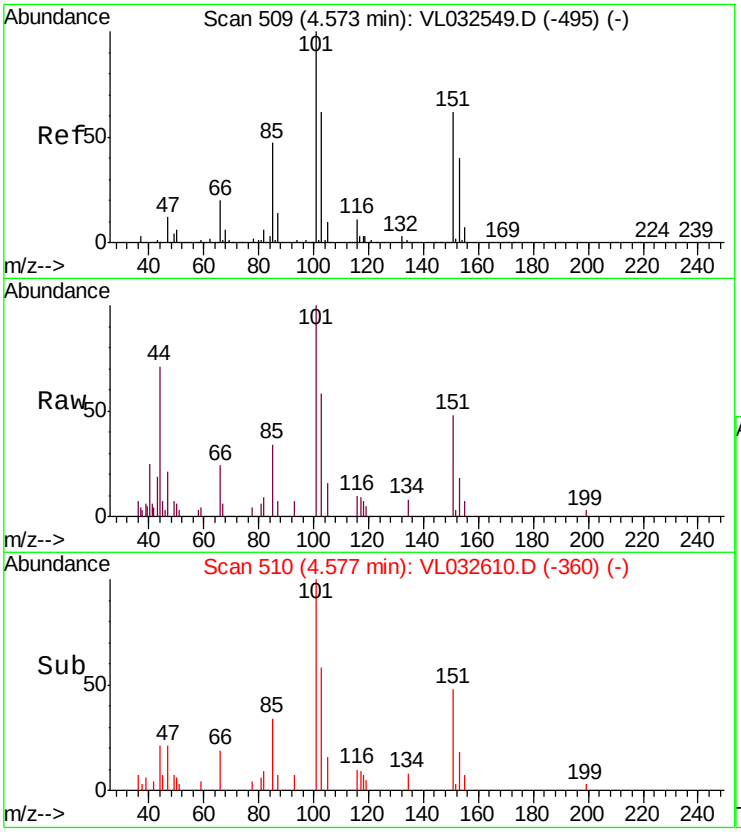


#11
Trichlorofluoromethane
Concen: 0.227 ppbv
RT: 4.02 min Scan# 338
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion:101 Resp: 33559

Ion	Ratio	Lower	Upper
101	100		
103	55.0	52.8	79.2



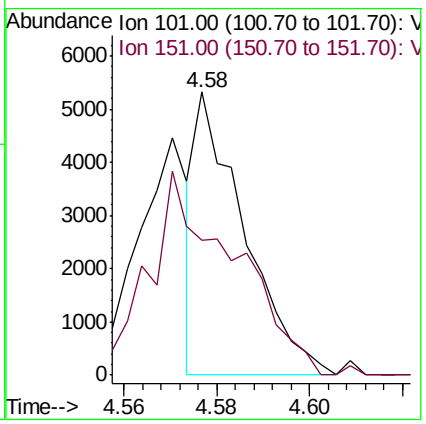


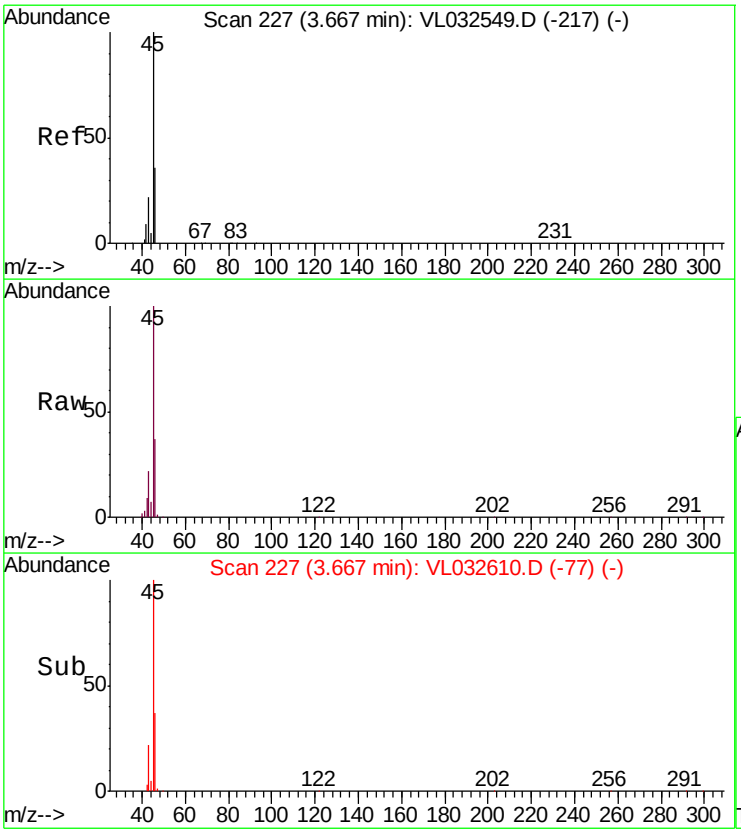
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.032 ppbv
RT: 4.58 min Scan# 510
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion:101 Resp: 3859

Ion	Ratio	Lower	Upper
101	100		
151	0.0	52.6	78.8#

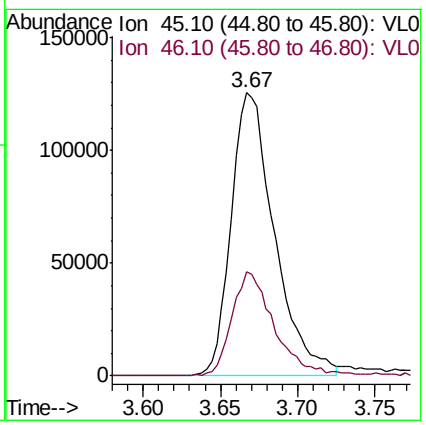


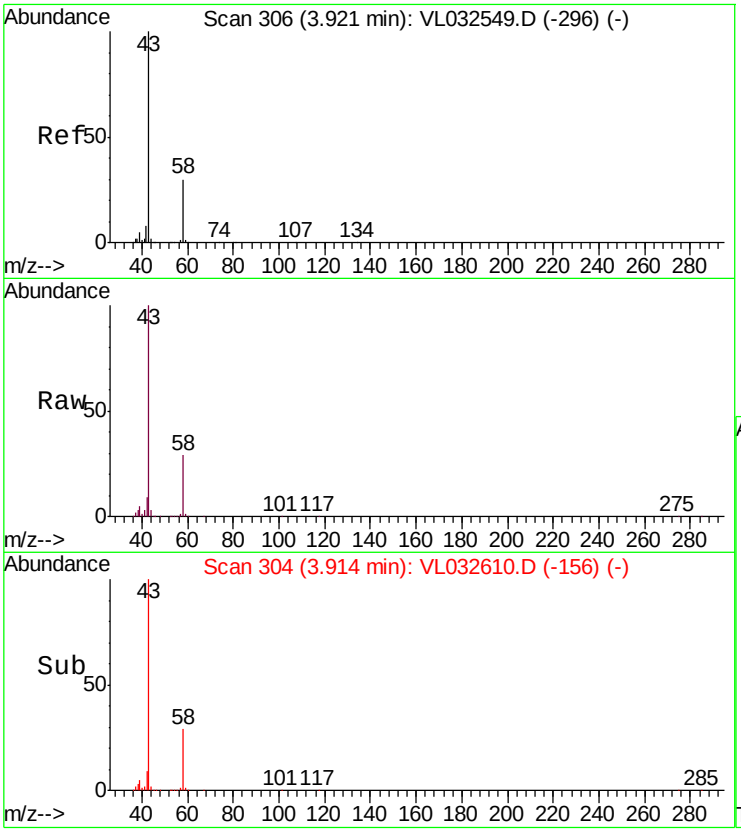


#13
Ethanol
Concen: 16.737 ppbv
RT: 3.67 min Scan# 227
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 45 Resp: 243940

Ion	Ratio	Lower	Upper
45	100		
46	36.5	14.2	56.8



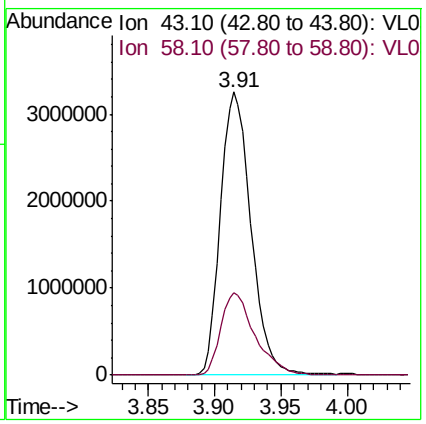


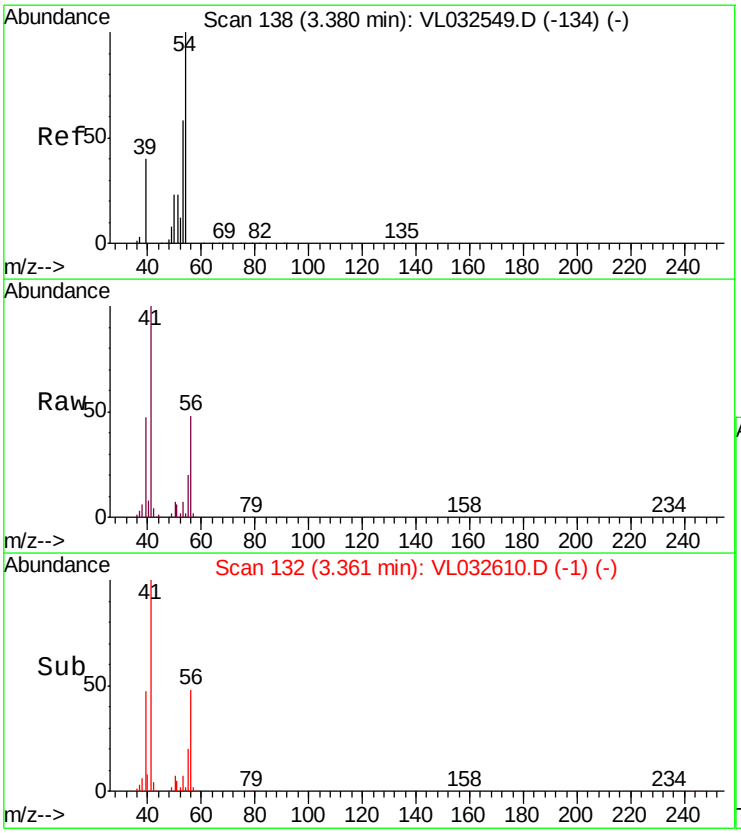
#15
Acetone
Concen: 44.236 ppbv
RT: 3.91 min Scan# 304
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 43 Resp: 5218302

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.6	33.8

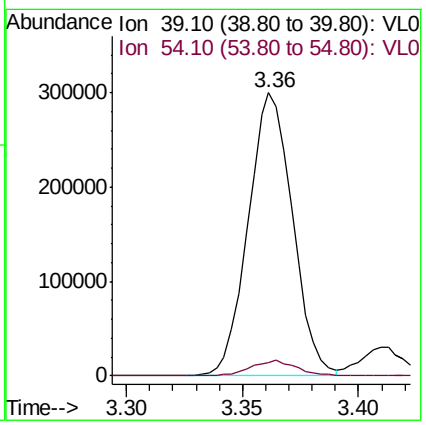


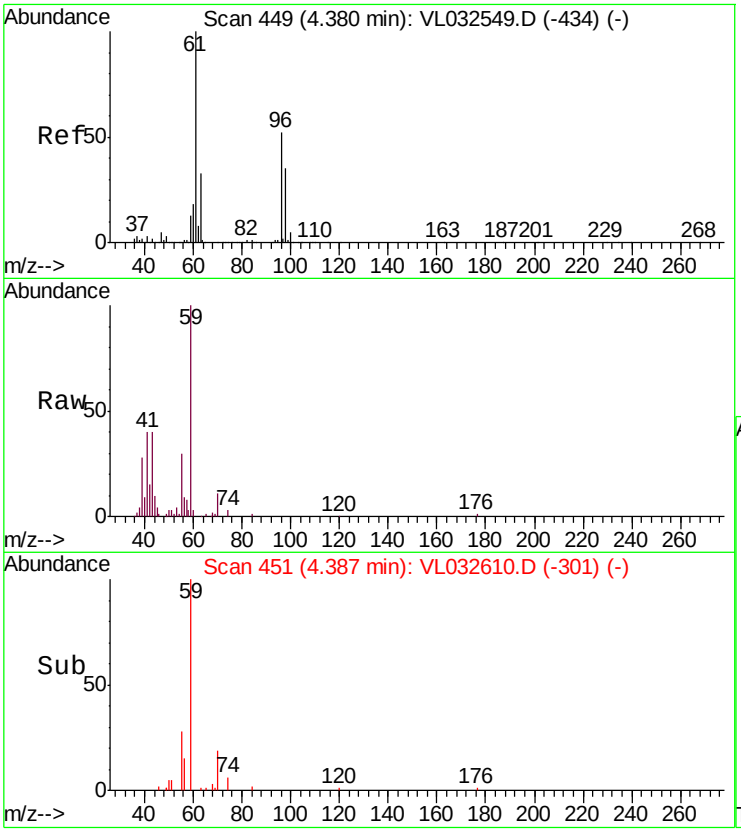


#16
1,3-Butadiene
Concen: 8.286 ppbv
RT: 3.36 min Scan# 132
Delta R.T. -0.04 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 39 Resp: 396383

Ion	Ratio	Lower	Upper
39	100		
54	6.0	80.8	121.2#



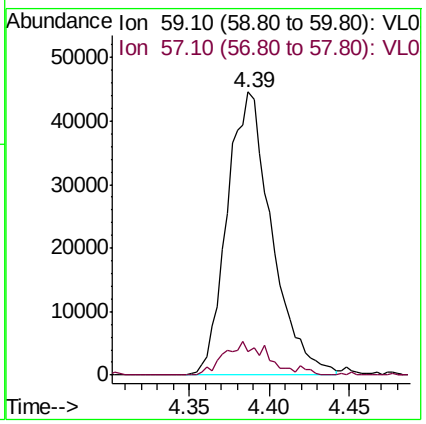


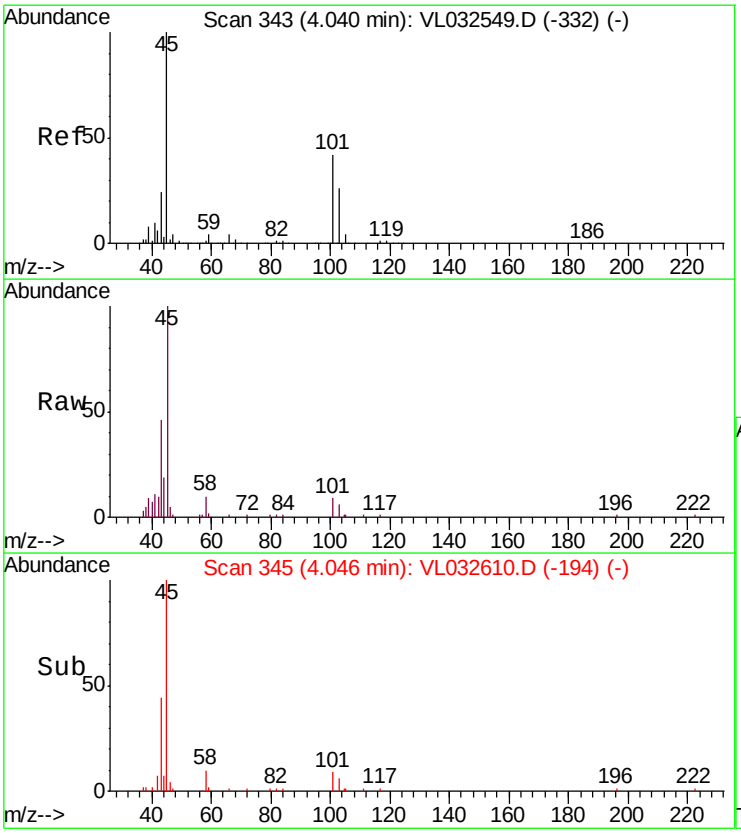
#17
tert-Butyl alcohol
Concen: 5.716 ppbv
RT: 4.39 min Scan# 451
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 59 Resp: 84731

Ion	Ratio	Lower	Upper
59	100		
57	12.0	0.0	0.0#

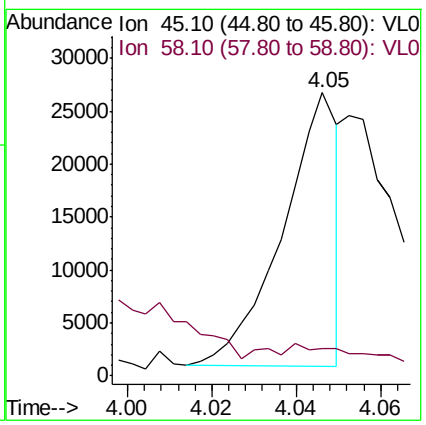


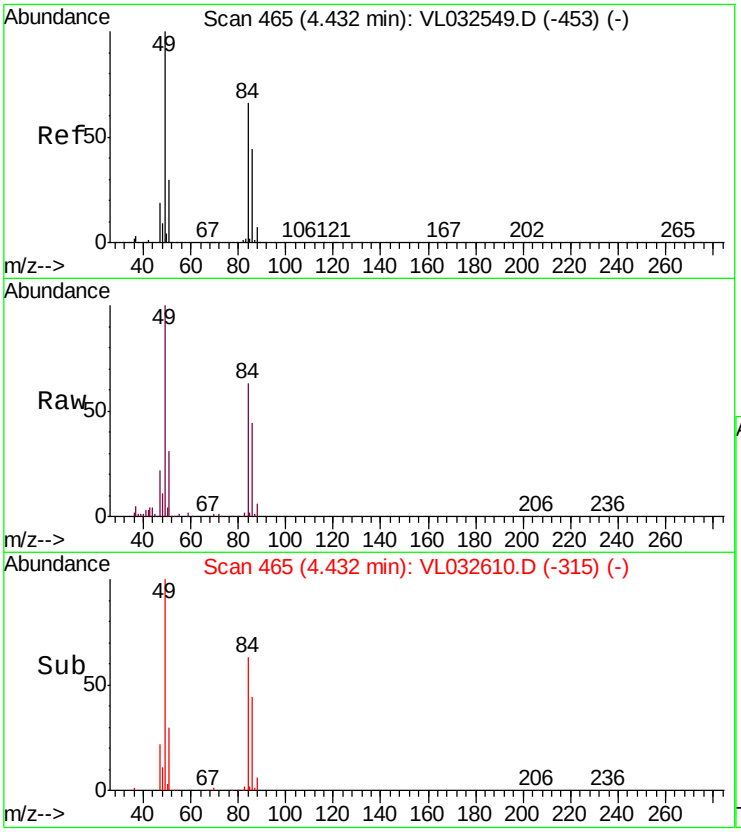


#19
Isopropyl Alcohol
Concen: 0.286 ppbv
RT: 4.05 min Scan# 345
Delta R.T. -0.01 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 45 Resp: 23493

Ion	Ratio	Lower	Upper
45	100		
58	0.0	2.0	3.0#



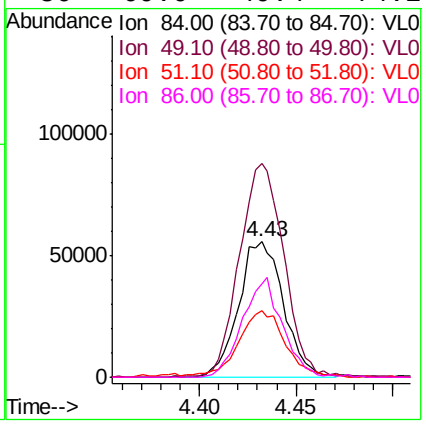


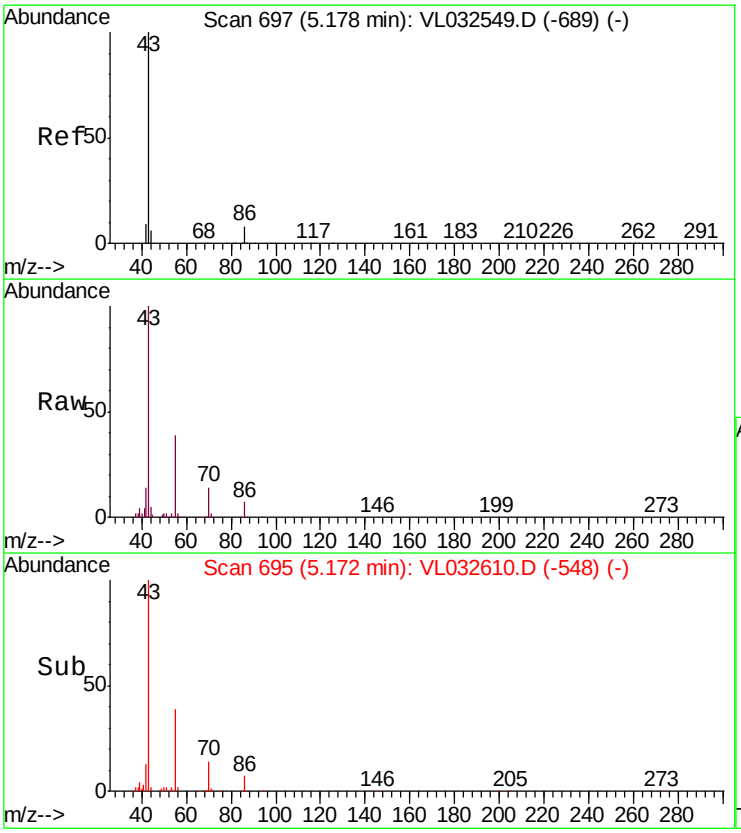
#20
Methylene Chloride
Concen: 1.569 ppbv
RT: 4.43 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 84 Resp: 89610

Ion	Ratio	Lower	Upper
84	100		
49	157.0	119.1	178.7
51	47.4	35.2	52.8
86	69.0	49.4	74.2

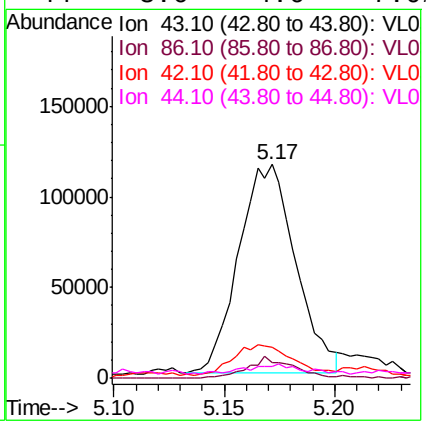


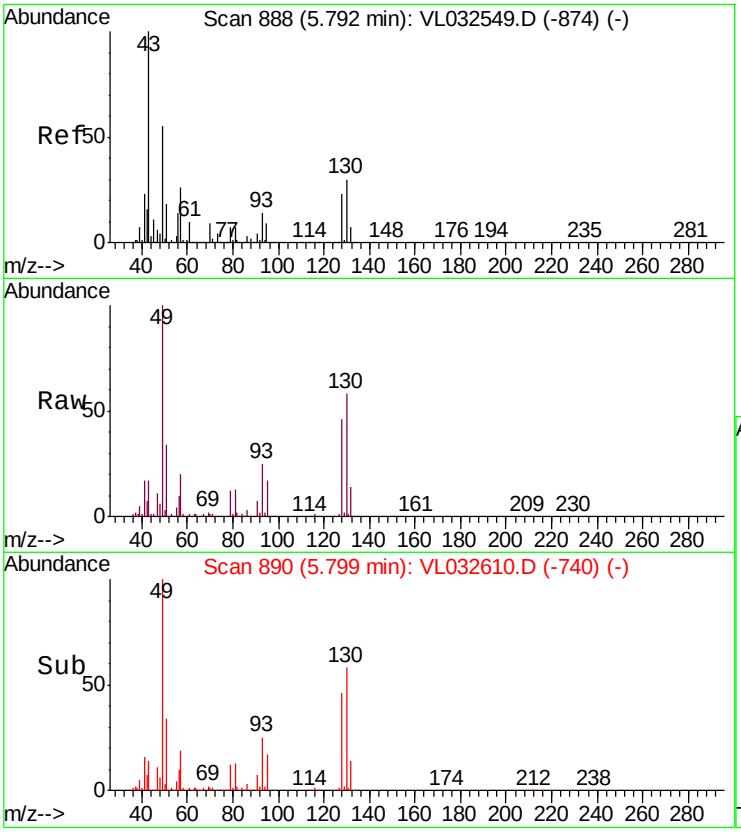


#23
Vinyl Acetate
Concen: 0.984 ppbv
RT: 5.17 min Scan# 695
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 43 Resp: 205198

Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.9	8.9
42	12.8	6.9	10.3#
44	3.6	4.6	7.0#



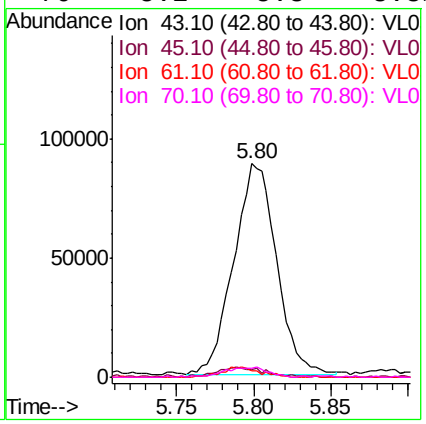


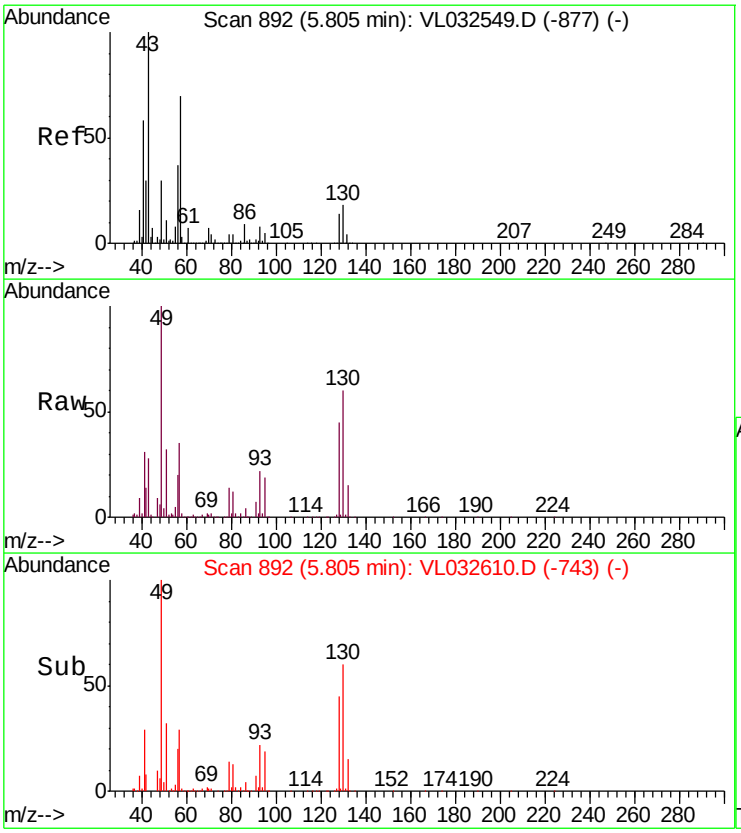
#25
Ethyl Acetate
Concen: 0.593 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 43 Resp: 169819

Ion	Ratio	Lower	Upper
43	100		
45	5.7	8.0	12.0#
61	4.2	7.6	11.4#
70	5.2	5.8	8.8#

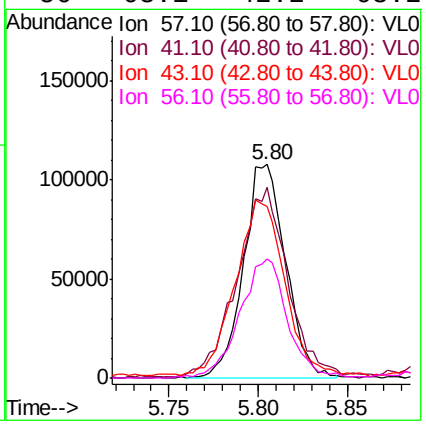


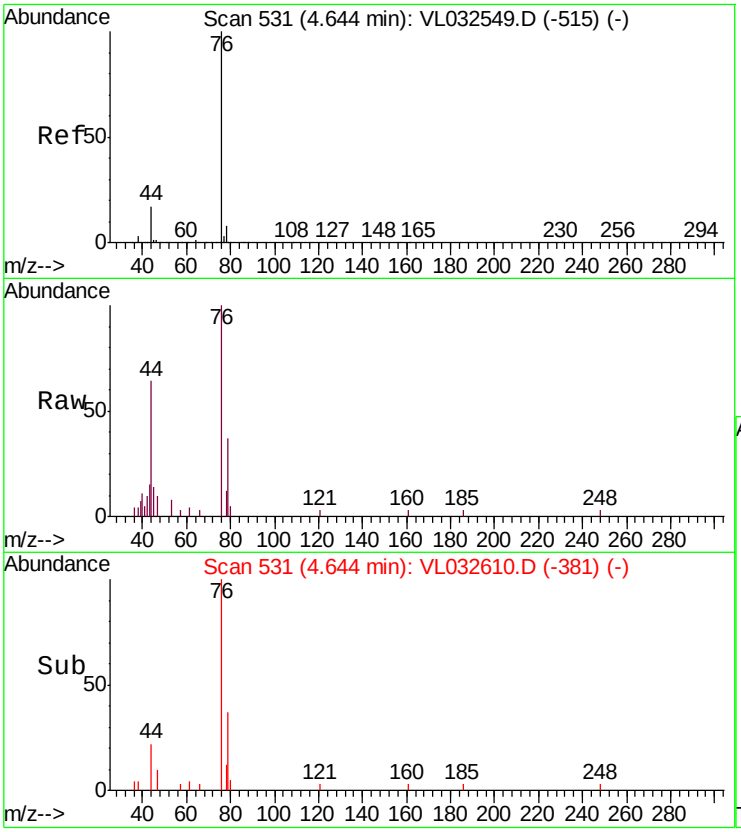


#26
Hexane
Concen: 1.371 ppbv
RT: 5.80 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 57 Resp: 177233

Ion	Ratio	Lower	Upper
57	100		
41	108.1	69.0	103.4#
43	96.0	172.1	258.1#
56	63.1	42.2	63.2



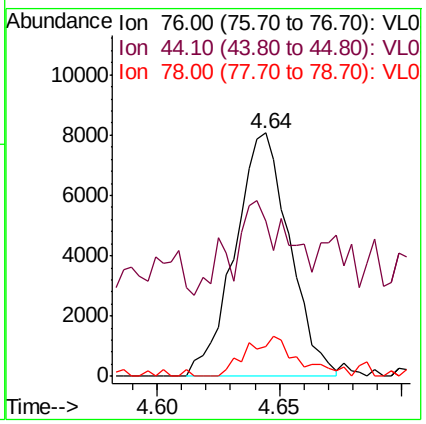


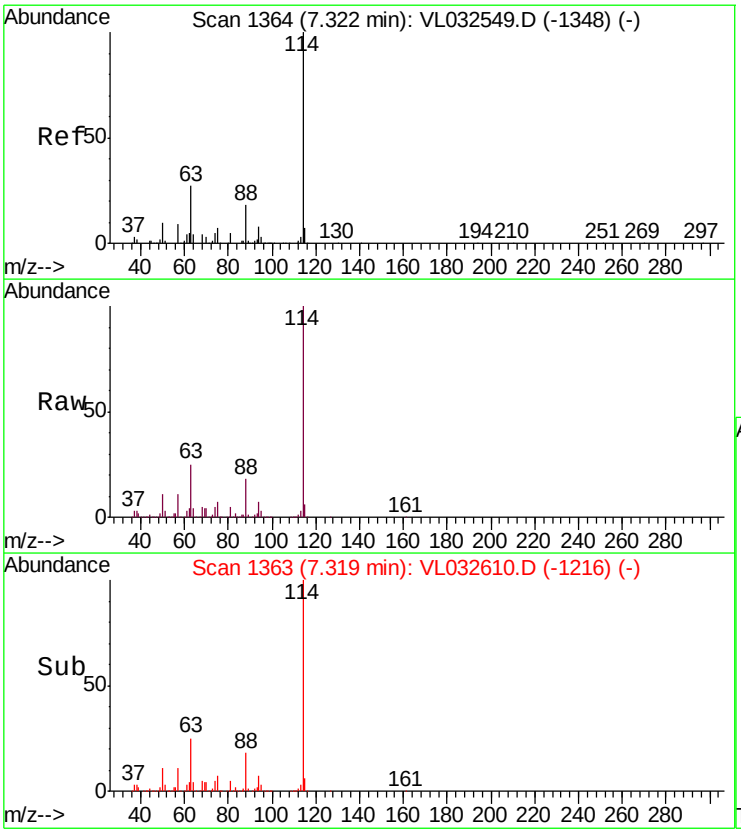
#27
Carbon Disulfide
Concen: 0.090 ppbv
RT: 4.64 min Scan# 531
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 76 Resp: 12552

Ion	Ratio	Lower	Upper
76	100		
44	55.5	14.0	21.0#
78	18.3	7.5	11.3#

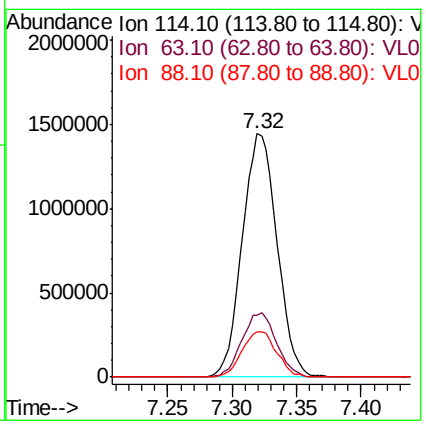


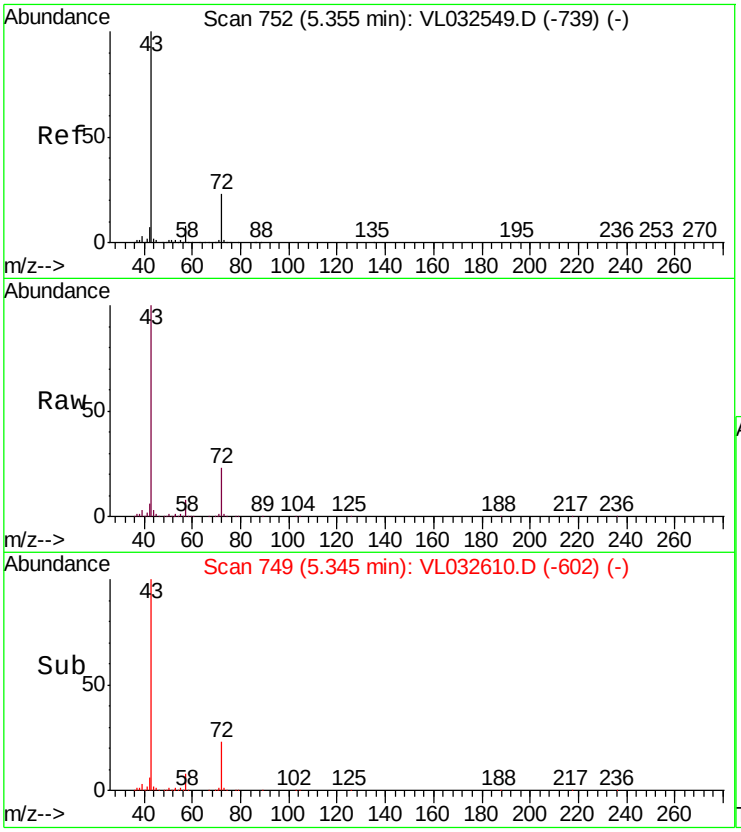


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.32 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion:114 Resp: 2719616

Ion	Ratio	Lower	Upper
114	100		
63	26.4	22.2	33.4
88	18.7	15.0	22.4



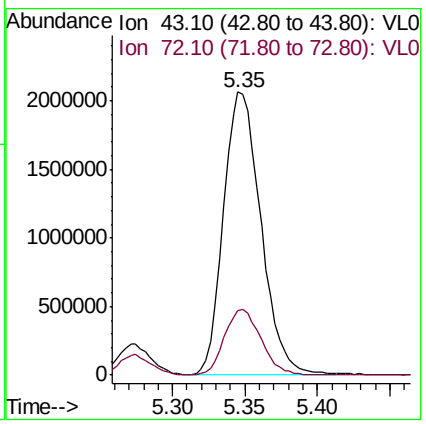


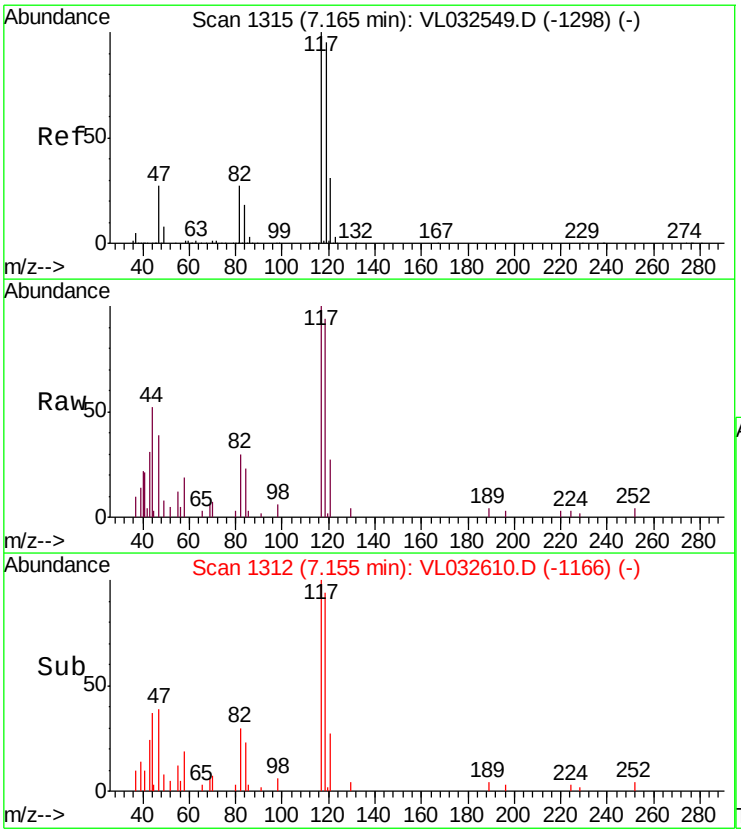
#34
2-Butanone
Concen: 22.715 ppbv
RT: 5.35 min Scan# 749
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 43 Resp: 3678693

Ion	Ratio	Lower	Upper
43	100		
72	23.0	17.8	26.6

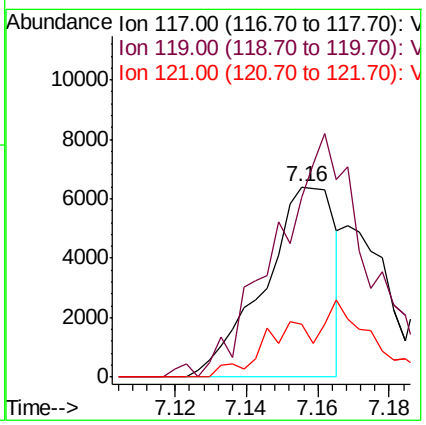


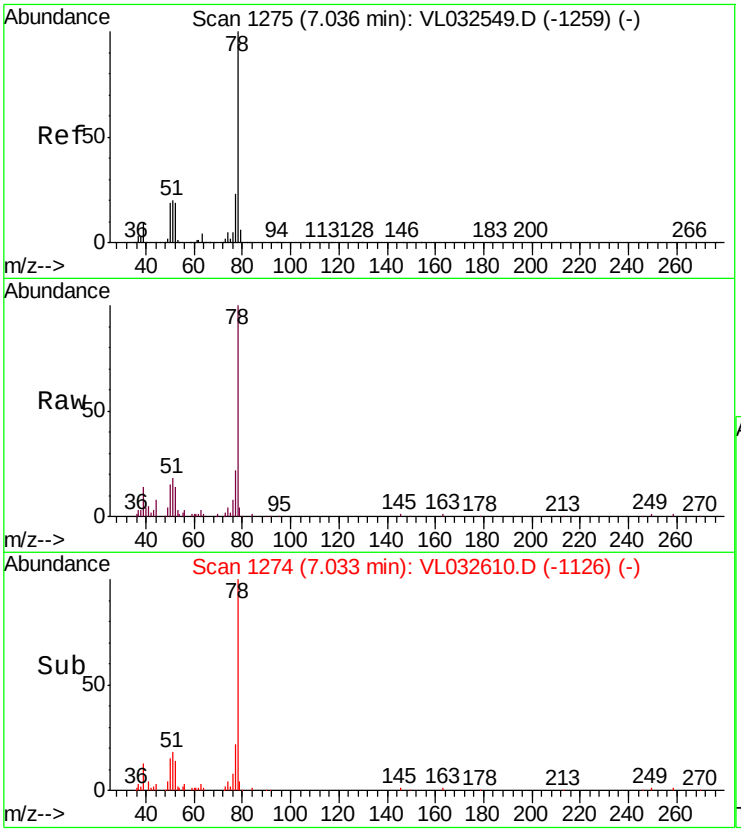


#35
Carbon Tetrachloride
Concen: 0.046 ppbv
RT: 7.16 min Scan# 1312
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion:117 Resp: 8738

Ion	Ratio	Lower	Upper
117	100		
119	87.6	76.6	115.0
121	27.5	24.6	36.8



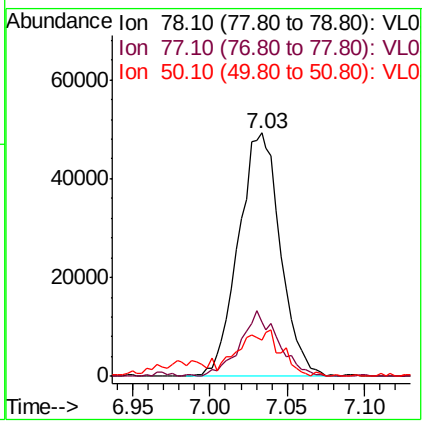


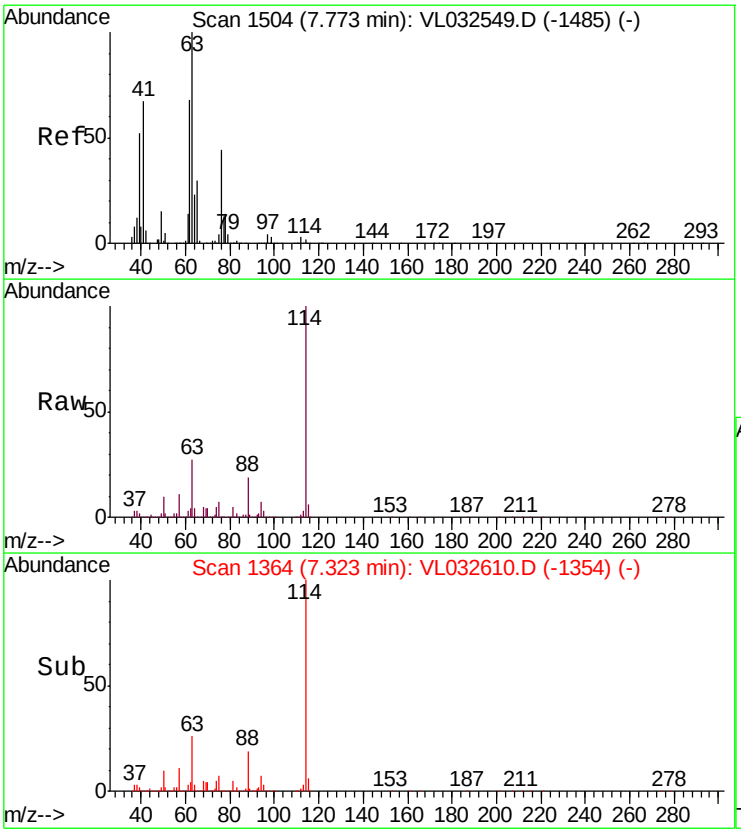
#36
Benzene
Concen: 0.422 ppbv
RT: 7.03 min Scan# 1274
Delta R.T. -0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 78 Resp: 92824

Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.4	27.6
50	13.8	14.4	21.6#

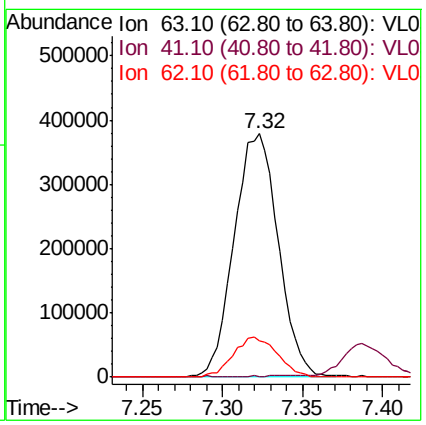


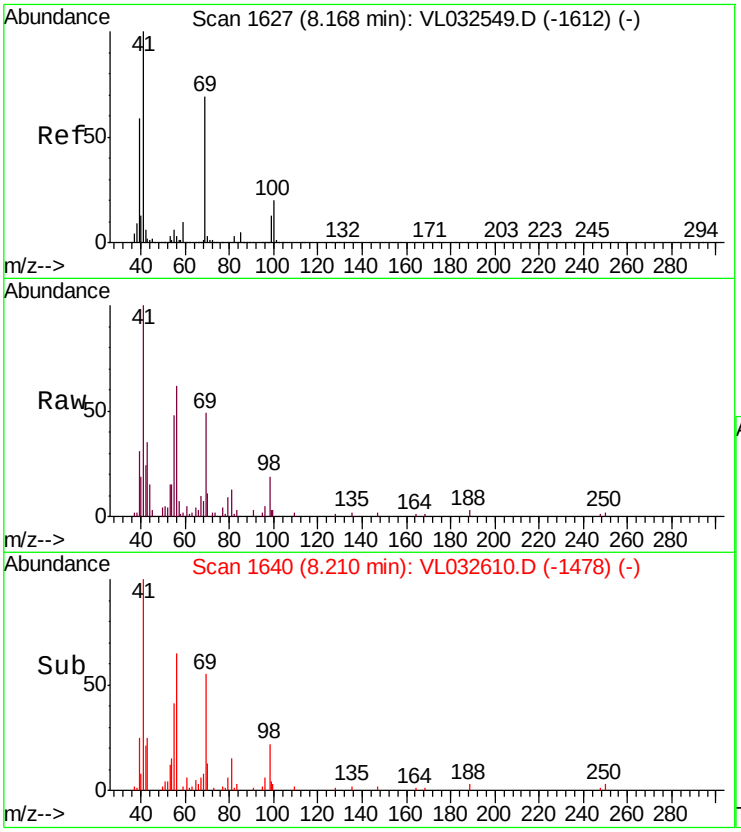


#39
1,2-Dichloropropane
Concen: 7.175 ppbv
RT: 7.32 min Scan# 1364
Delta R.T. -0.47 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 63 Resp: 710667

Ion	Ratio	Lower	Upper
63	100		
41	0.2	55.4	83.0#
62	14.7	55.4	83.0#



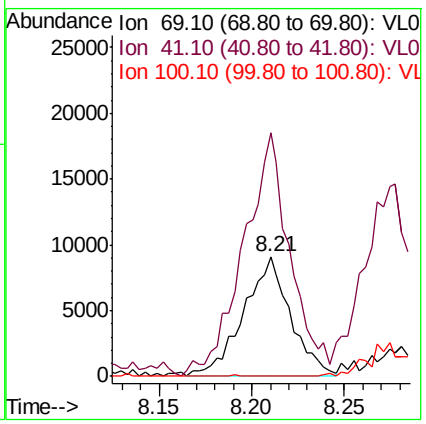


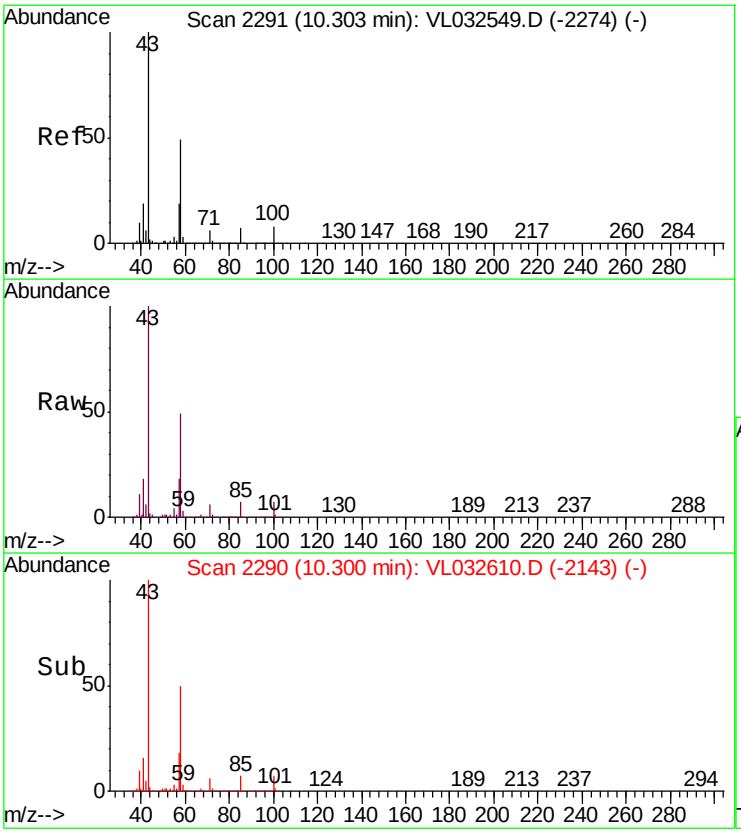
#43
Methyl Methacrylate
Concen: 0.174 ppbv
RT: 8.21 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 69 Resp: 15954

Ion	Ratio	Lower	Upper
69	100		
41	201.9	117.1	175.7#
100	0.0	23.4	35.2#

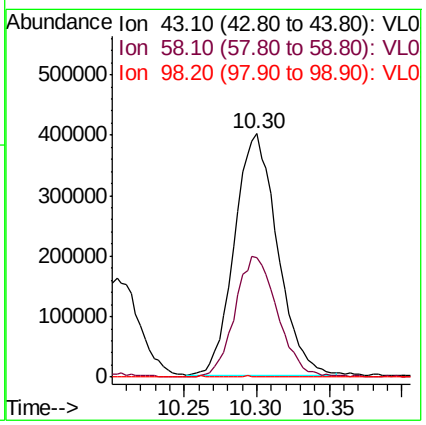


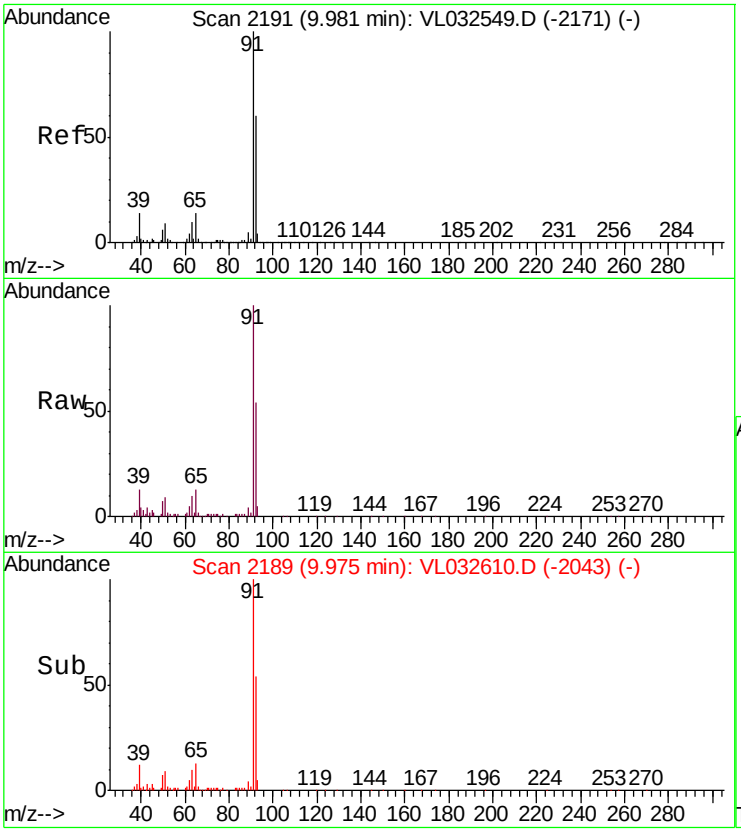


#51
2-Hexanone
Concen: 3.910 ppbv
RT: 10.30 min Scan# 2290
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion: 43 Resp: 823209

Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.2	58.8
98	0.6	0.4	0.6#



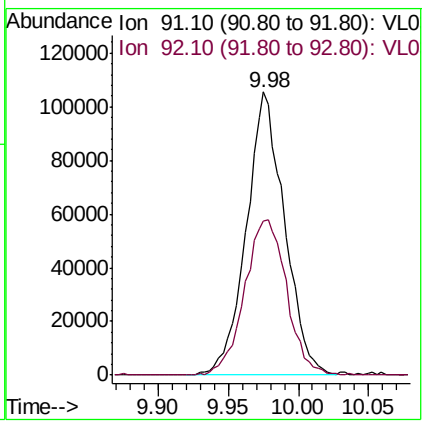


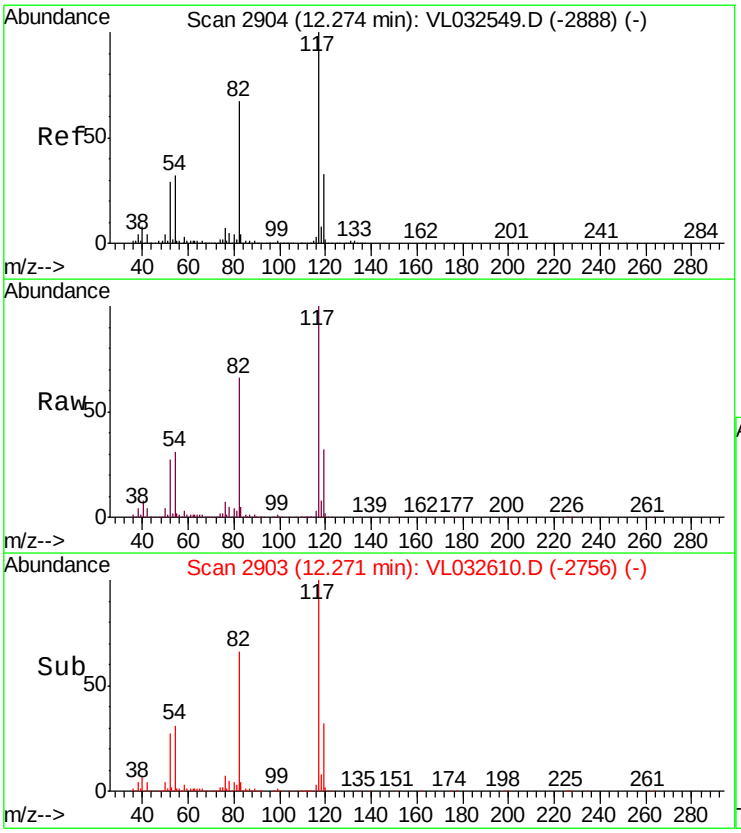
#53
Toluene
Concen: 0.746 ppbv
RT: 9.98 min Scan# 2189
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 91 Resp: 199790

Ion	Ratio	Lower	Upper
91	100		
92	60.5	48.1	72.1

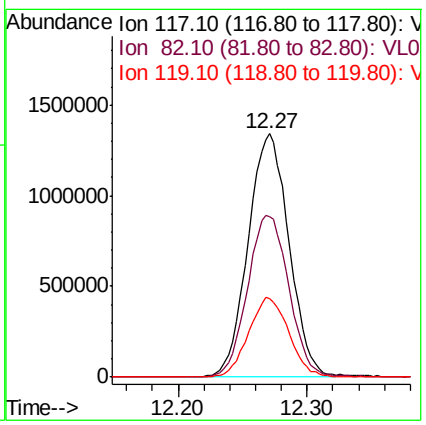


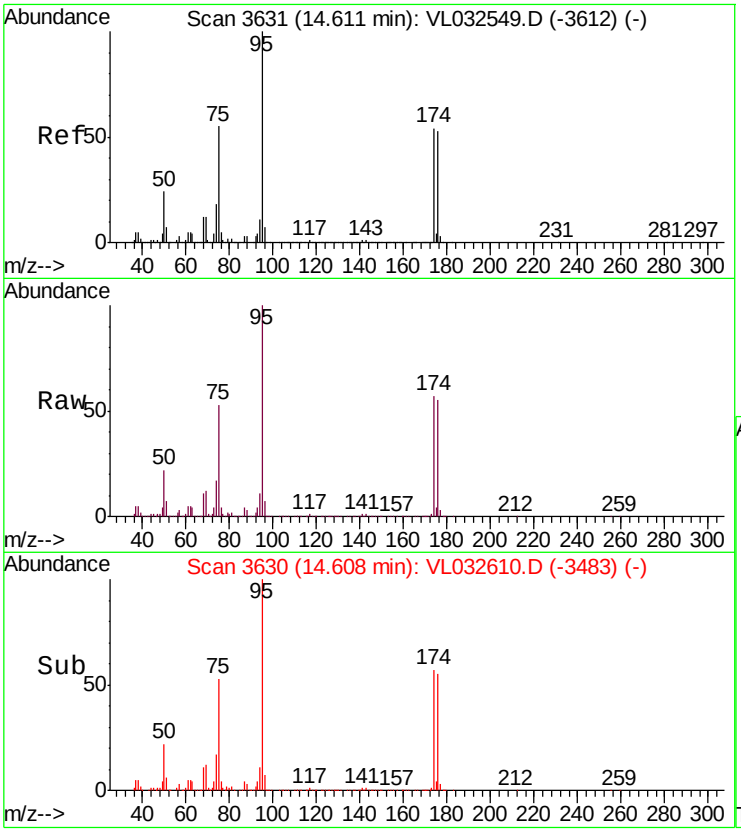


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Tgt Ion:117 Resp: 2964097

Ion	Ratio	Lower	Upper
117	100		
82	67.6	53.0	79.6
119	32.4	45.9	68.9#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.347 ppbv
RT: 14.61 min Scan# 3630
Delta R.T. -0.03 min
Lab File: VL032610.D
Acq: 11 Oct 2018 18:45

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT-SVI-100518DUP

Tgt Ion: 95 Resp: 2089286

Ion	Ratio	Lower	Upper
95	100		
174	57.7	46.3	69.5
175	4.2	3.4	5.0