Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090519\

Quantitation Report (Not Reviewed)

Data File : VL034131.D
Acq On : 5 Sep 2019 11:32
Operator : SY/AP
Sample : K4612-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Quant Time: Sep 06 04:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.71	49	901453	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.24	114	1737974	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.18	117	1683683	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.51	95	1498399	10.89	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.04	85	84405	0.568	ppbv		91
3) Chlorodifluoromethane	2.98	51	65673	0.654	ppbv		96
4) Chloromethane	3.14	50	27780	0.442	ppbv		89
9) Propene	3.20	41	234803	4.176	ppbv		95
10) Heptane	8.18	43	150790	1.033	ppbv		97
12) 1,1,2-Trichlorotrifluoroet	4.50	101	4957	0.061	ppbv	#	48
13) Ethanol	3.62	45	1727965	156.891	ppbv		99
15) Acetone	3.85	43	3796508	34.945	ppbv		98
16) 1,3-Butadiene	3.30	39	15191	0.276	ppbv	#	10
17) tert-Butyl alcohol	4.33	59	26637	0.338	ppbv	#	72
19) Isopropyl Alcohol	3.99	45	581695	7.932	ppbv	#	1
20) Methylene Chloride	4.36	84	142962	3.980	ppbv		96
21) Allyl Chloride	4.38	41	7766	0.108	ppbv	#	37
23) Vinyl Acetate	5.10	43	116377	0.631	ppbv	#	79
25) Ethyl Acetate	5.71	43	3647846	15.296	ppbv	#	88
26) Hexane	5.72	57	189252	1.785	ppbv	#	1
27) Carbon Disulfide	4.57	76	8213	0.086	ppbv	#	1
29) Chloroform	5.80	83	93536	0.654	ppbv		95
30) Cyclohexane	7.18	84	11220	0.146	ppbv	#	1
31) cis-1,2-Dichloroethene	5.71	61	480058	4.728	ppbv	#	29
34) 2-Butanone	5.27	43	4055462	24.272	ppbv		96
35) Carbon Tetrachloride	7.07	117	10072	0.074	ppbv	#	78
36) Benzene	6.94	78	62400	0.314	ppbv		93
37) 1,2-Dichloroethane	6.36	62	4857	0.040	ppbv	#	84
39) 1,2-Dichloropropane	7.24	63	550086	6.470	ppbv	#	25
41) Tetrahydrofuran	6.06	42	13887	0.139	ppbv	#	65
43) Methyl Methacrylate	8.08	69	7586	0.093	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.92	57	113961	0.311	ppbv	#	32
50) 4-Methyl-2-Pentanone	8.80	43	8140873	31.929	ppbv	#	83
51) 2-Hexanone	10.21	43	8316	0.038	ppbv	#	1
52) Tetrachloroethene	11.31	164	2322	0.033	ppbv	#	64
53) Toluene	9.88	91	1771587	8.063	ppbv		99
57) Chlorobenzene	12.24	112	5581	0.039	ppbv	#	19
58) Ethyl Benzene	12.80	91	809851	2.933	ppbv		93
59) m/p-Xylene	13.06	91	1606936	7.135	ppbv		99
60) o-Xylene	13.78	91	842999	3.758	ppbv		99
61) Styrene	13.61	104	245821	1.465	ppbv		98
62) Isopropylbenzene	14.76	105	116316	0.399	ppbv		94
64) n-propylbenzene	15.65	120	90418	1.237	ppbv	#	28
65) tert-Butylbenzene	16.86	119	322470	1.280	ppbv	#	62
66) Benzyl Chloride	17.31	91	119013	1.282	ppbv	#	67

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090519\

Quantitation Report (Not Reviewed)

Data File : VL034131.D
Acq On : 5 Sep 2019 11:32
Operator : SY/AP
Sample : K4612-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Quant Time: Sep 06 04:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) sec-Butylbenzene	17.39	105	262827	0.726	ppbv		95
69) p-Isopropyltoluene	17.75	119	229970	0.794	ppbv		93
70) n-Butylbenzene	18.65	91	398185	1.208	ppbv	#	63
71) 2-Chlorotoluene	15.66	91	595101	2.496	ppbv	#	48
72) 4-Ethyltoluene	15.93	105	804878	3.180	ppbv		99
73) 1,3,5-Trimethylbenzene	16.09	105	747585	3.039	ppbv		96
74) 1,2,4-Trimethylbenzene	16.86	105	2909668	11.487	ppbv	#	77
76) 1,4-Dichlorobenzene	17.23	146	5450	0.039	ppbv	#	1
79) Naphthalene	22.33	128	15685	0.068	ppbv	#	84
80) Naphthalene,2-methyl-	25.06	142	20979	0.264	ppbv		95

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

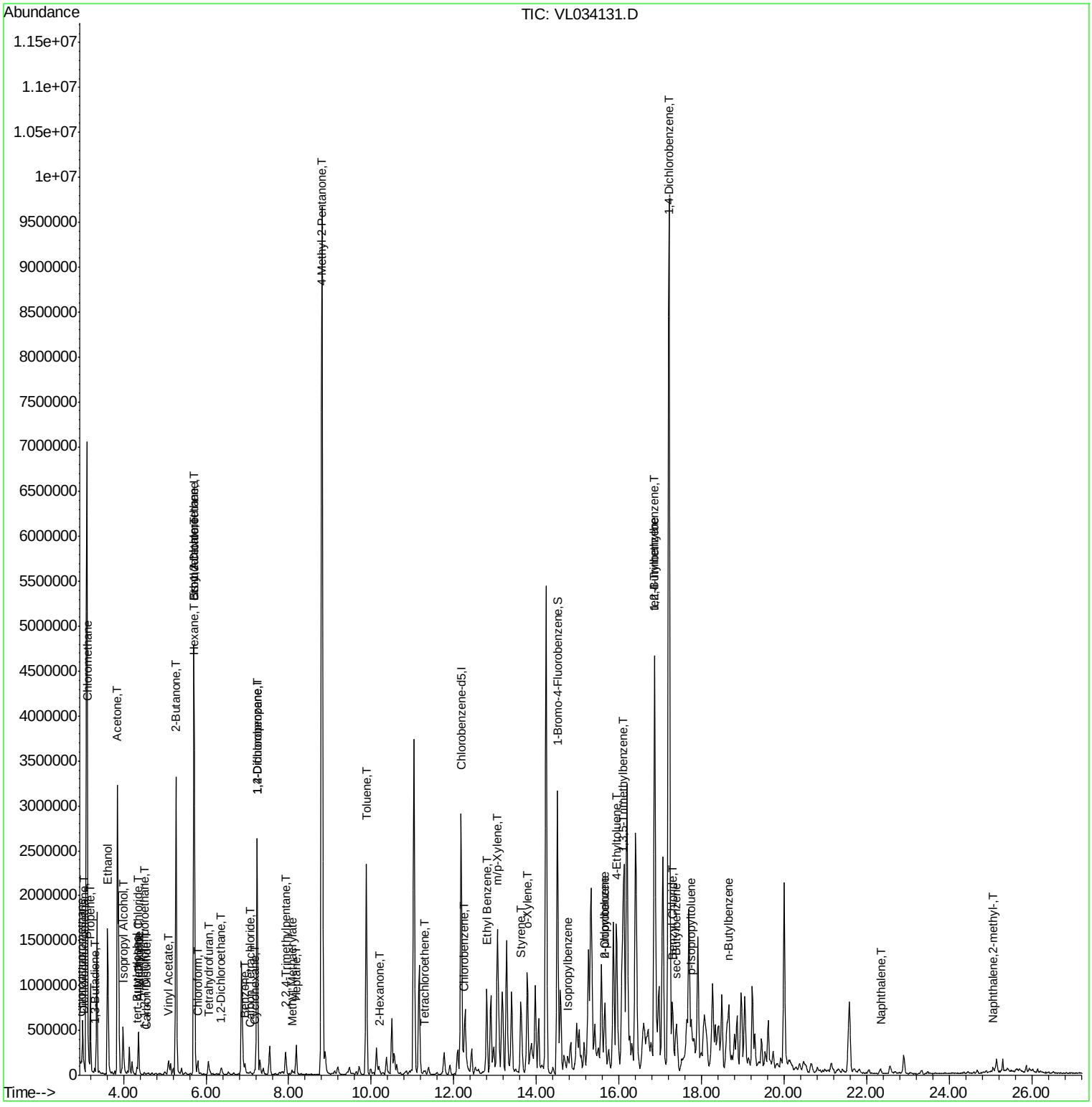
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL090519\

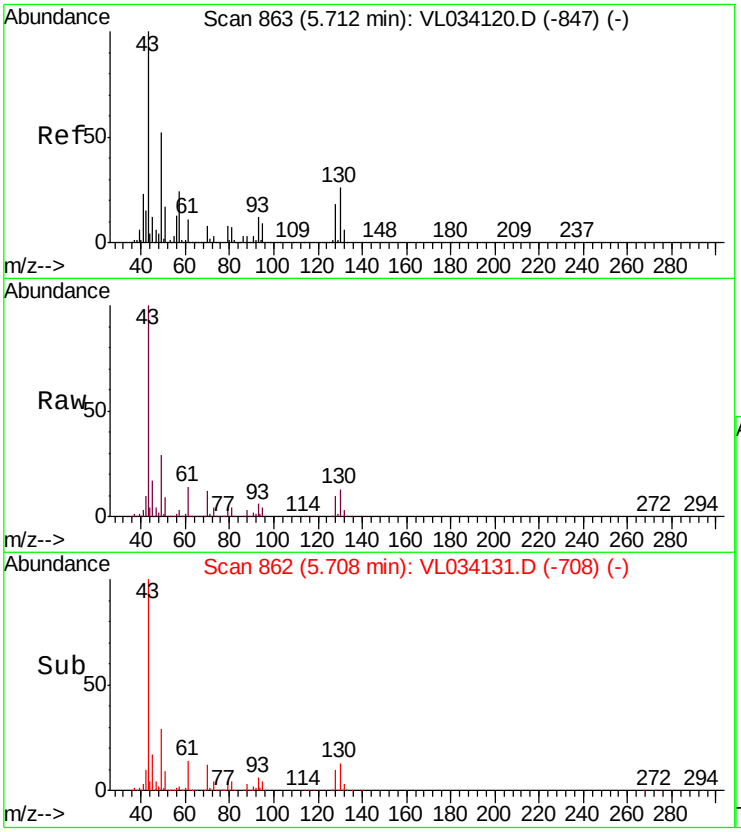
Quantitation Report (Not Reviewed)

Data File : VL034131.D
Acq On : 5 Sep 2019 11:32
Operator : SY/AP
Sample : K4612-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Quant Time: Sep 06 04:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL090519AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Sep 05 10:21:45 2019
QLast Update : Thu Sep 05 10:21:45 2019
Response via : Initial Calibration



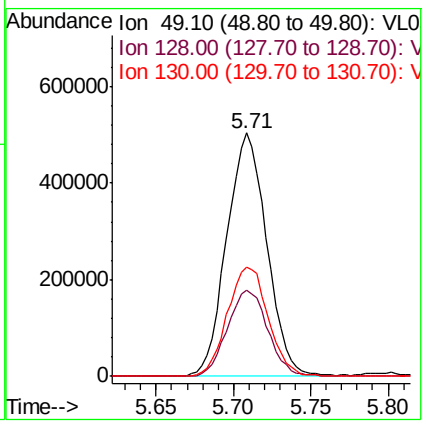


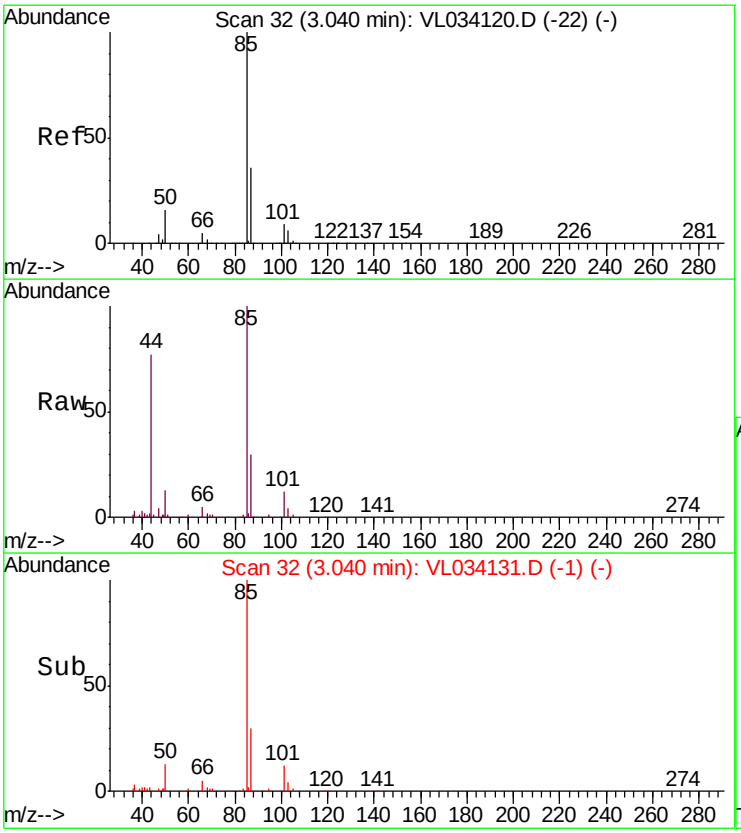
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.71 min Scan# 862
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 49 Resp: 901453

Ion	Ratio	Lower	Upper
49	100		
128	36.0	18.4	55.0
130	46.0	23.5	70.6

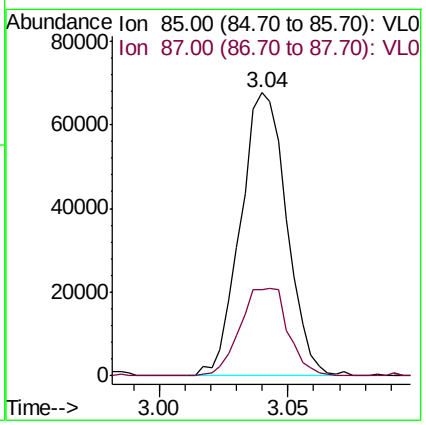


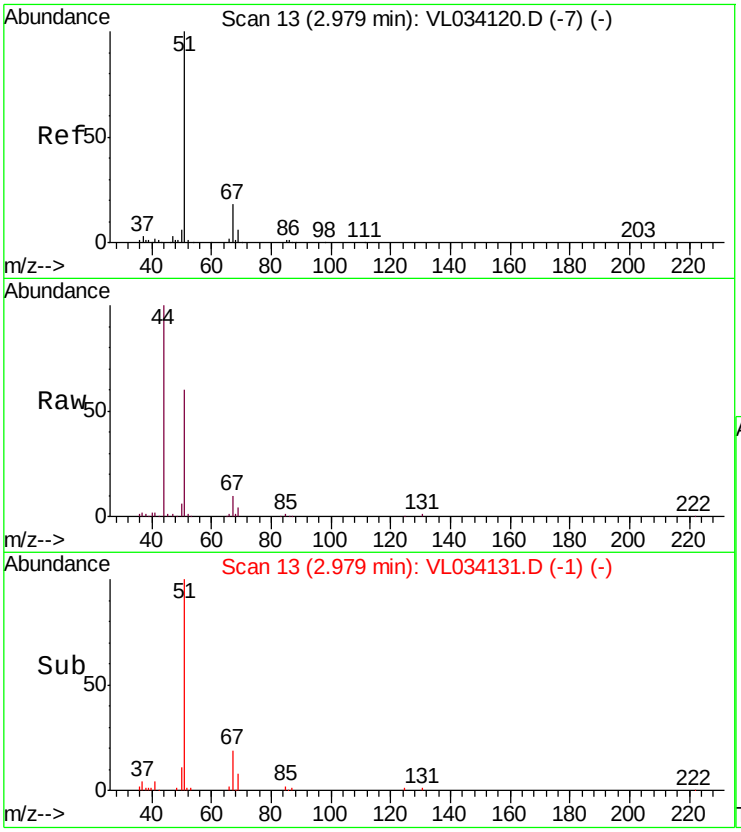


#2
Dichlorodifluoromethane
Concen: 0.568 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 85 Resp: 84405

Ion	Ratio	Lower	Upper
85	100		
87	30.4	28.6	43.0



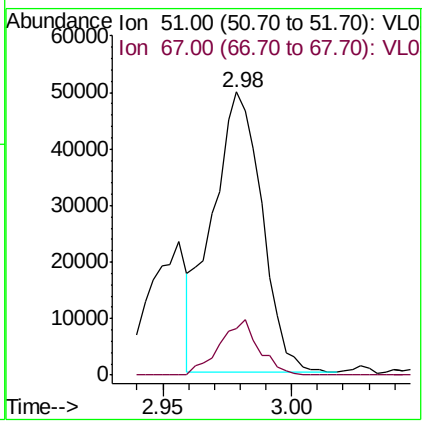


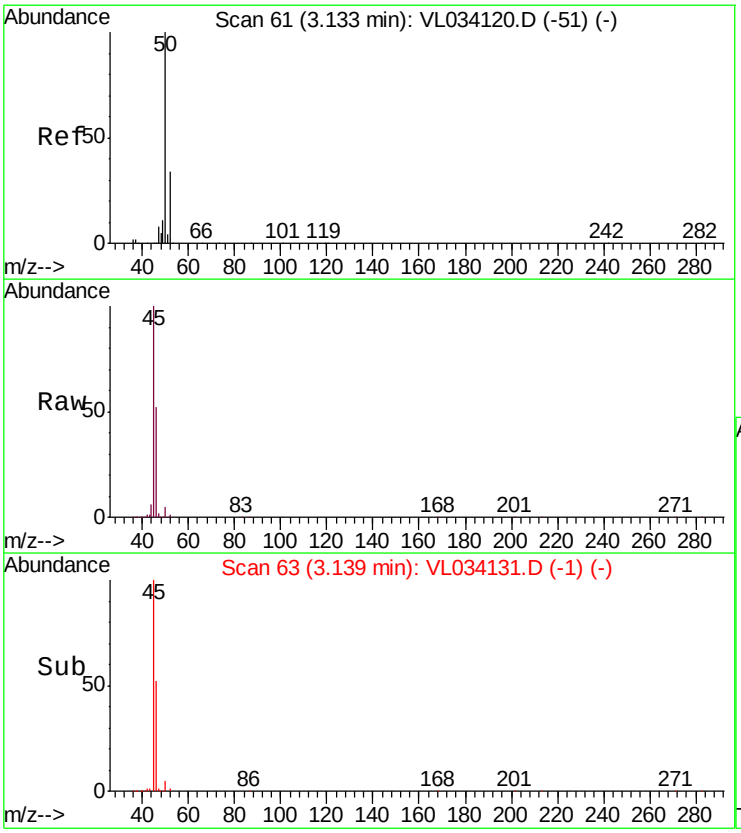
#3
Chlorodifluoromethane
Concen: 0.654 ppbv
RT: 2.98 min Scan# 13
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 51 Resp: 65673

Ion	Ratio	Lower	Upper
51	100		
67	15.9	14.2	21.4

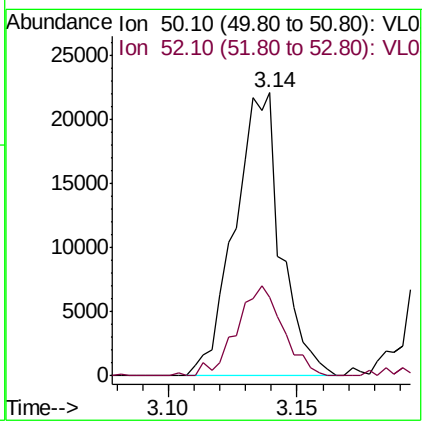


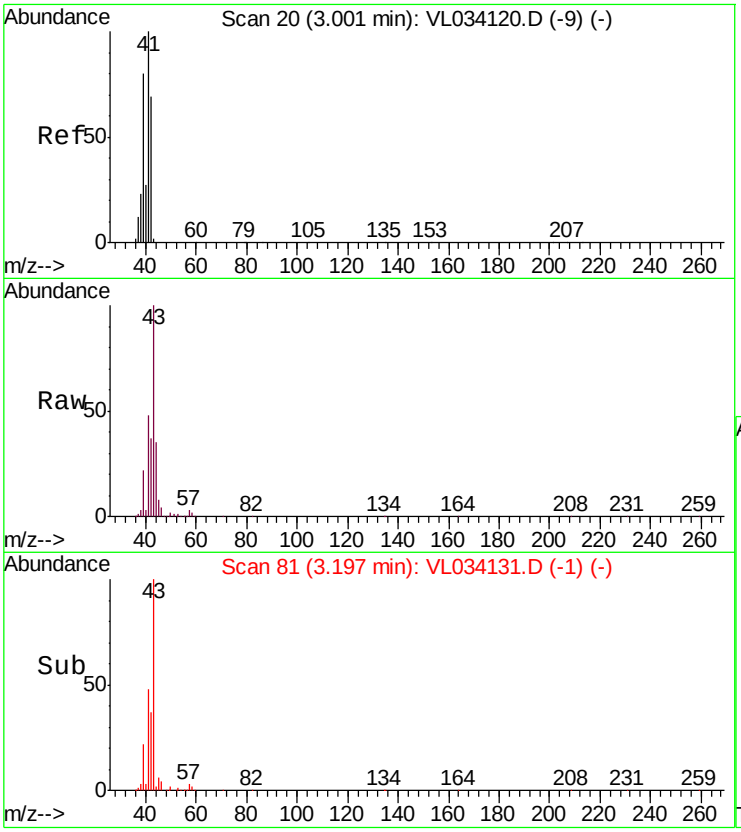


#4
Chloromethane
Concen: 0.442 ppbv
RT: 3.14 min Scan# 63
Delta R.T. 0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 50 Resp: 27780

Ion	Ratio	Lower	Upper
50	100		
52	27.7	27.4	41.2



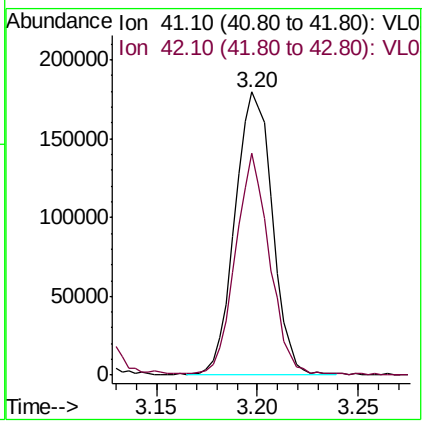


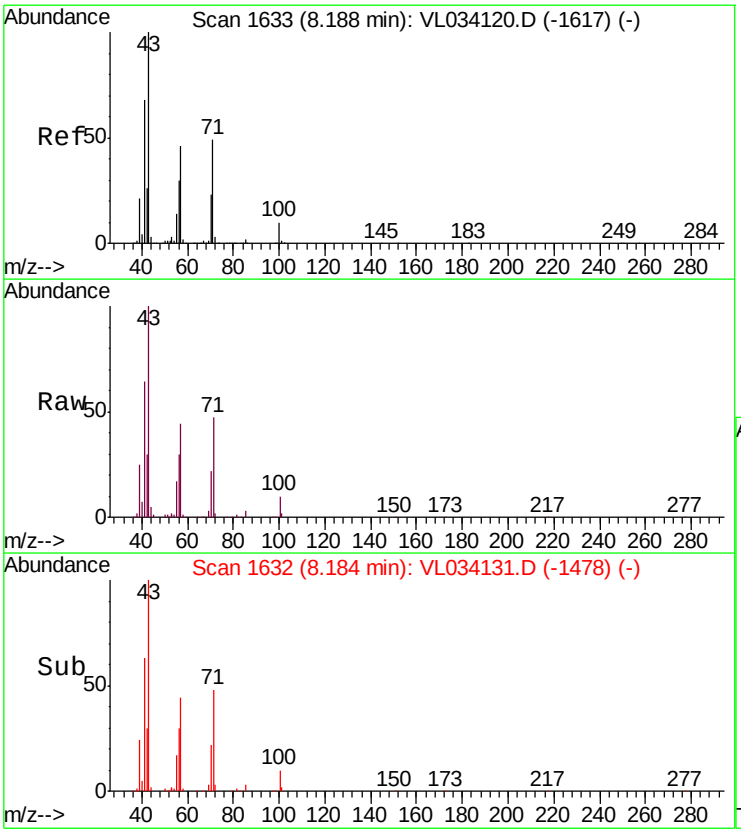
#9
Propene
Concen: 4.176 ppbv
RT: 3.20 min Scan# 81
Delta R.T. 0.20 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 41 Resp: 234803

Ion	Ratio	Lower	Upper
41	100		
42	72.3	54.6	81.8

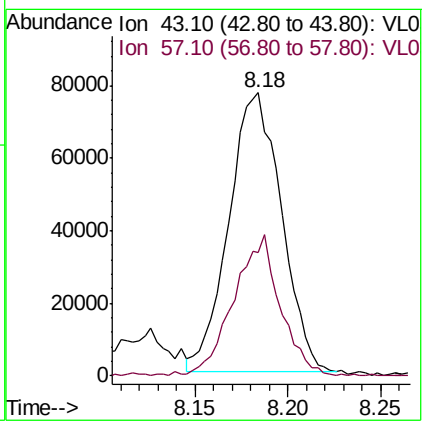


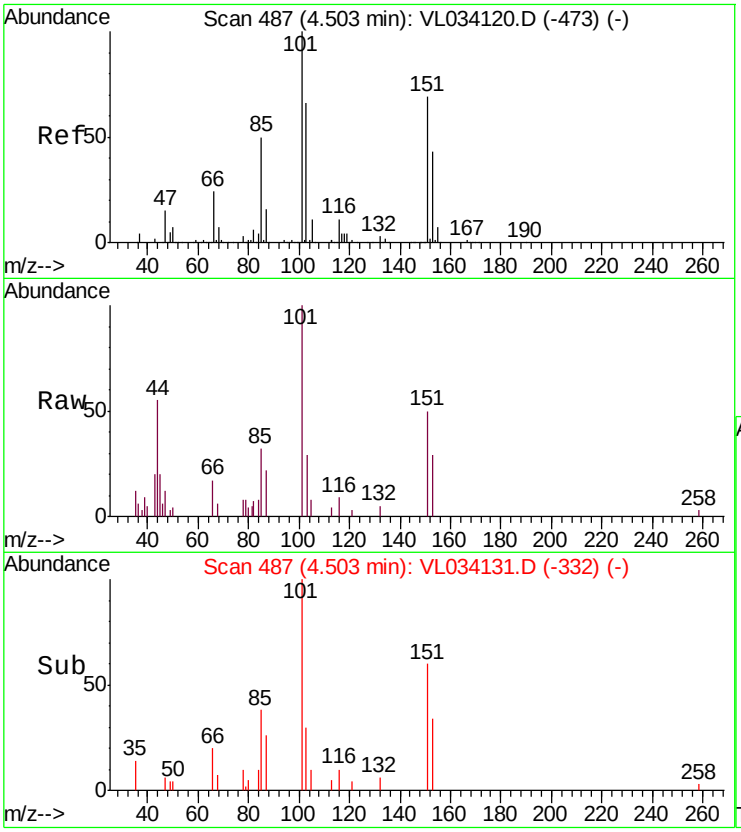


#10
Heptane
Concen: 1.033 ppbv
RT: 8.18 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 43 Resp: 150790

Ion	Ratio	Lower	Upper
43	100		
57	45.3	38.1	57.1



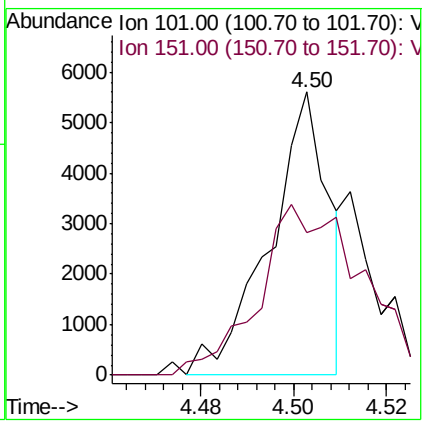


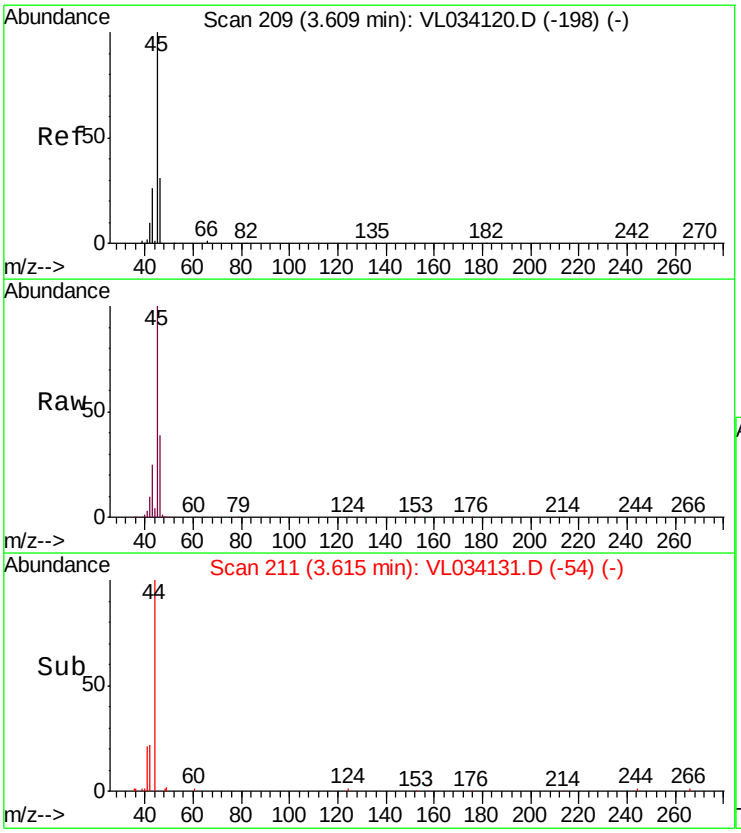
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.061 ppbv
RT: 4.50 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:101 Resp: 4957

Ion	Ratio	Lower	Upper
101	100		
151	107.6	53.0	79.6#

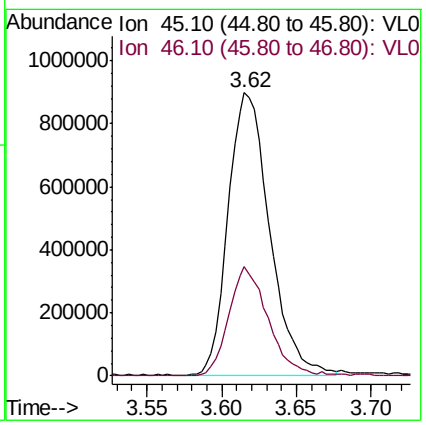


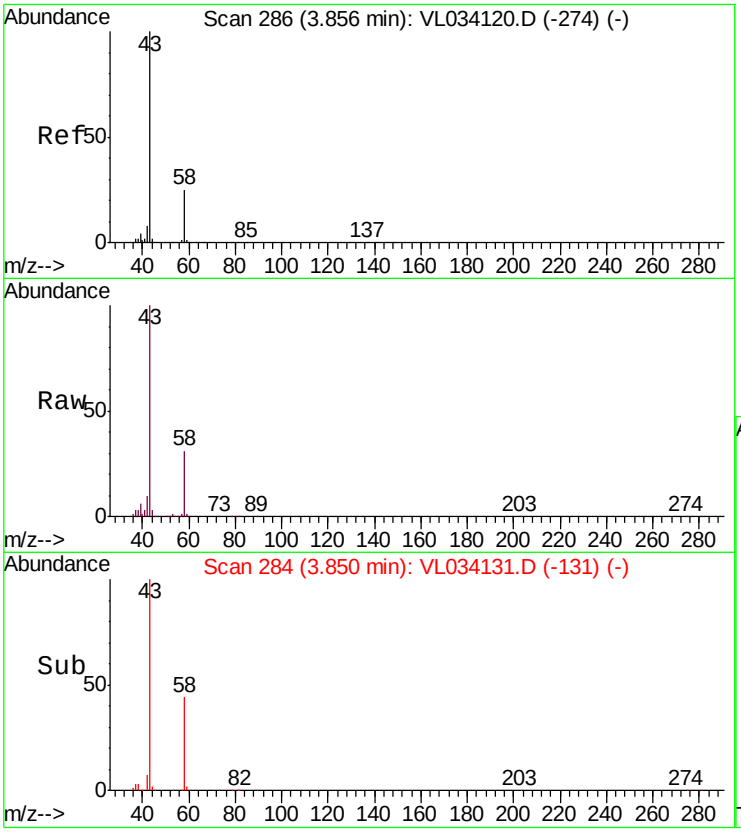


#13
Ethanol
Concen: 156.891 ppbv
RT: 3.62 min Scan# 211
Delta R.T. 0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 45 Resp: 1727965

Ion	Ratio	Lower	Upper
45	100		
46	36.7	15.0	60.0



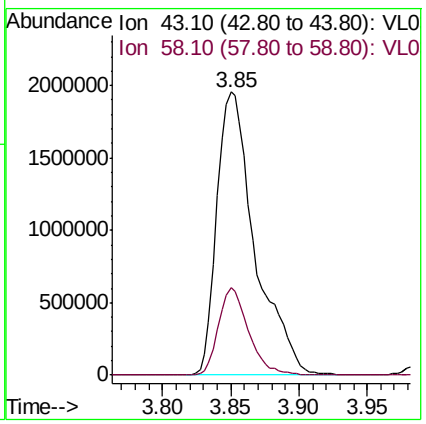


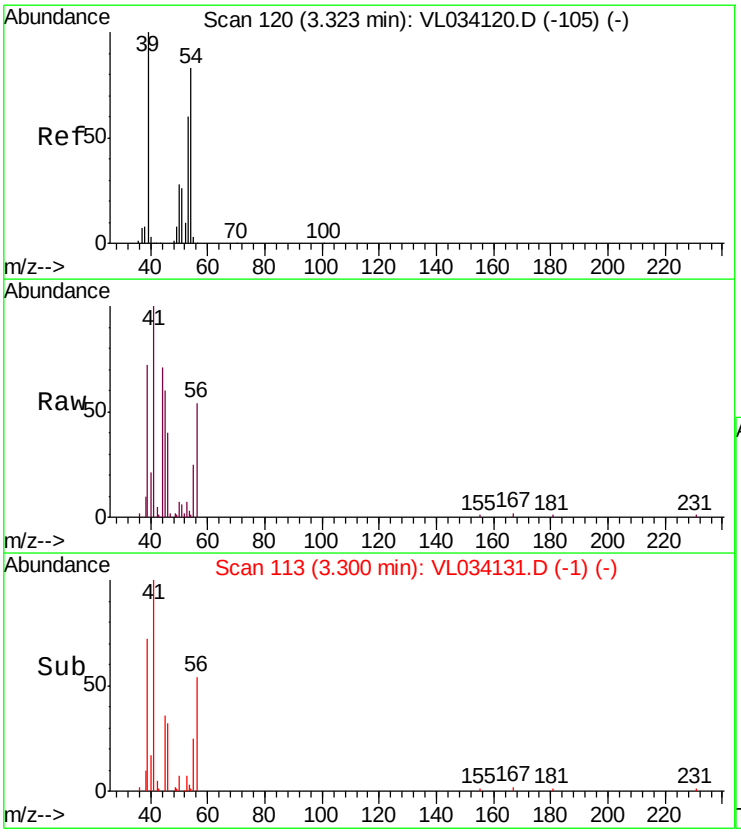
#15
Acetone
Concen: 34.945 ppbv
RT: 3.85 min Scan# 284
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 43 Resp: 3796508

Ion	Ratio	Lower	Upper
43	100		
58	24.6	20.6	30.8

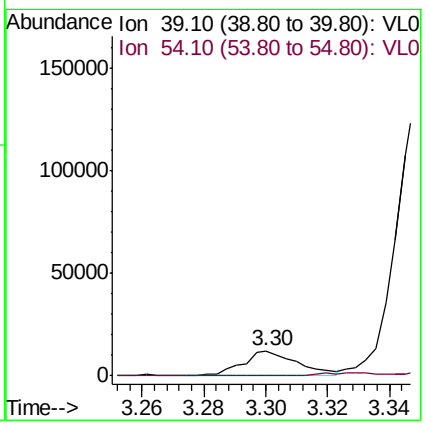


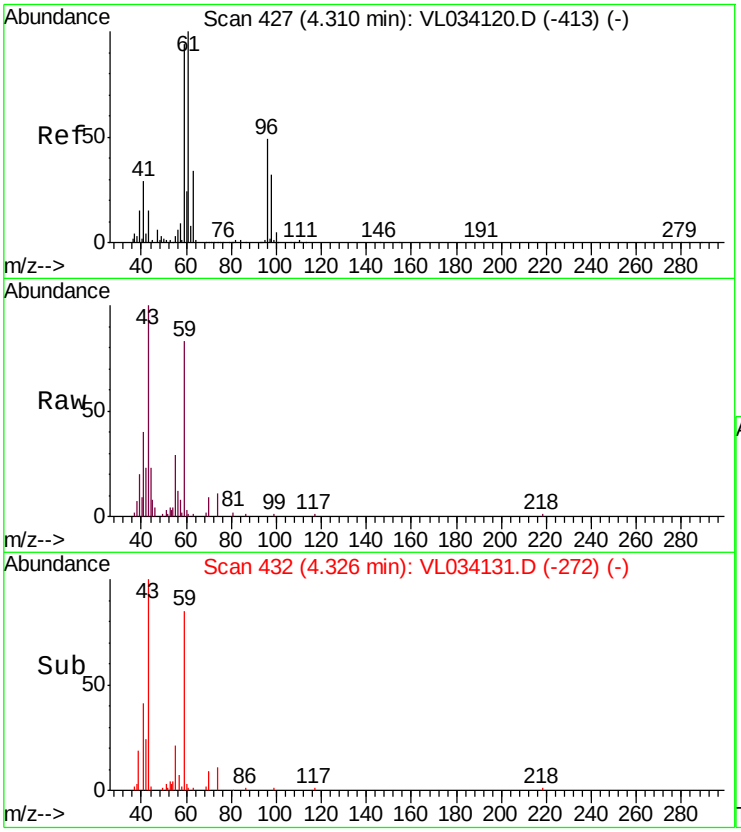


#16
1,3-Butadiene
Concen: 0.276 ppbv
RT: 3.30 min Scan# 113
Delta R.T. -0.02 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 39 Resp: 15191

Ion	Ratio	Lower	Upper
39	100		
54	0.0	63.5	95.3#



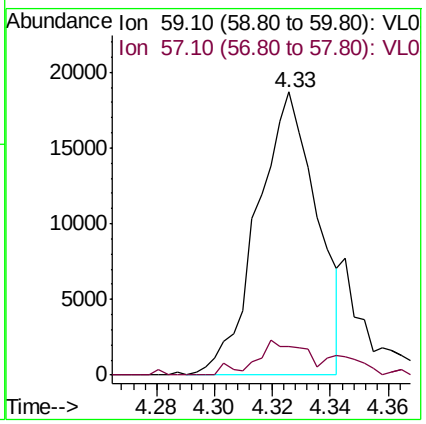


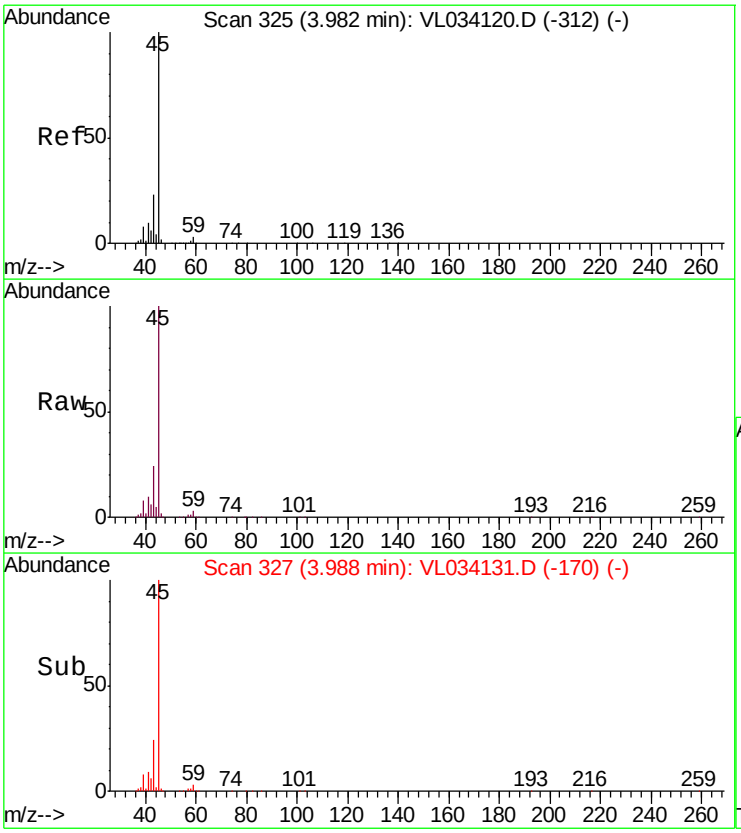
#17
tert-Butyl alcohol
Concen: 0.338 ppbv
RT: 4.33 min Scan# 432
Delta R.T. 0.02 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 59 Resp: 26637

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

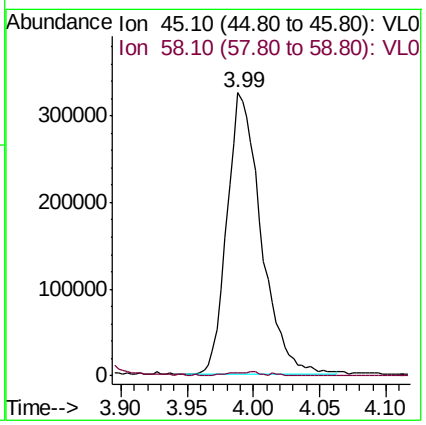


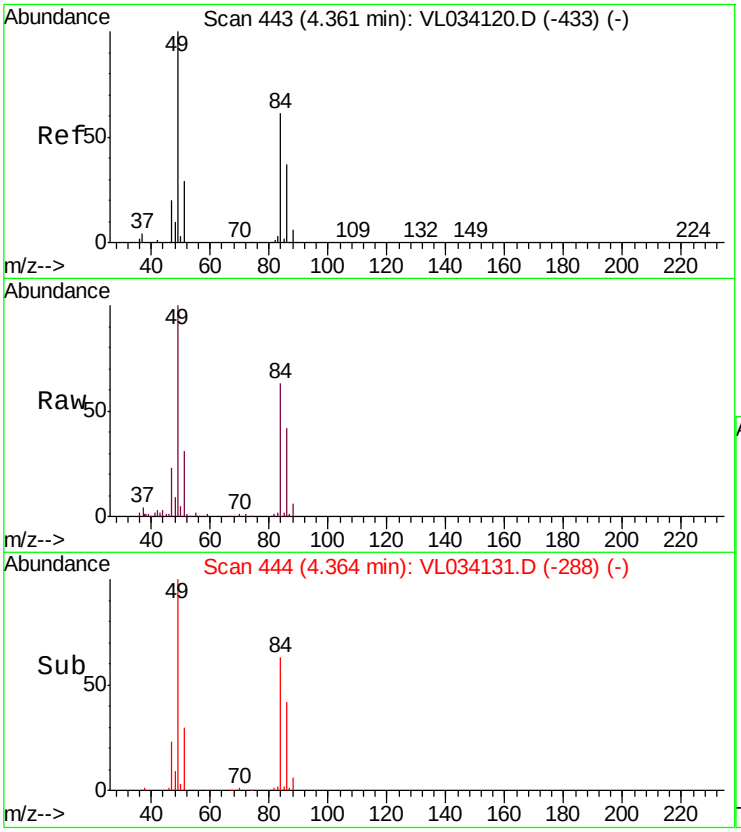


#19
Isopropyl Alcohol
Concen: 7.932 ppbv
RT: 3.99 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 45 Resp: 581695

Ion	Ratio	Lower	Upper
45	100		
58	160.5	1.0	1.6#



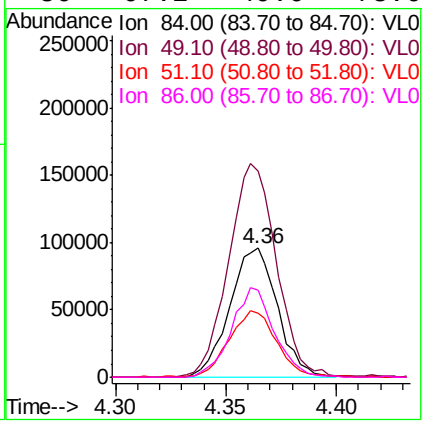


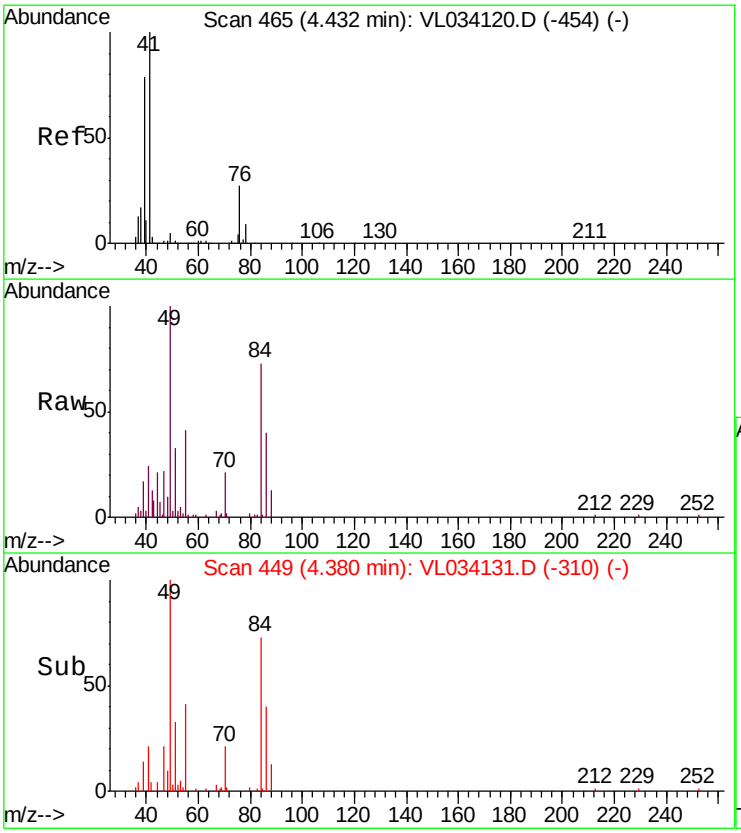
#20
Methylene Chloride
Concen: 3.980 ppbv
RT: 4.36 min Scan# 444
Delta R.T. 0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 84 Resp: 142962

Ion	Ratio	Lower	Upper
84	100		
49	158.9	131.0	196.6
51	48.8	38.1	57.1
86	67.2	49.0	73.6

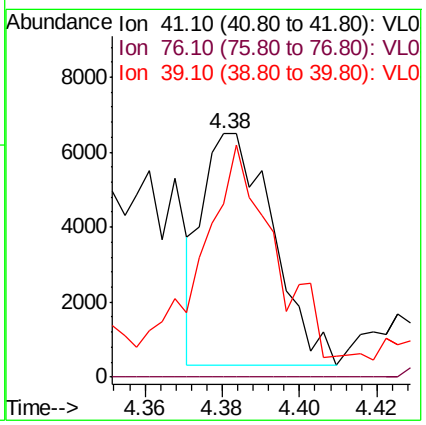


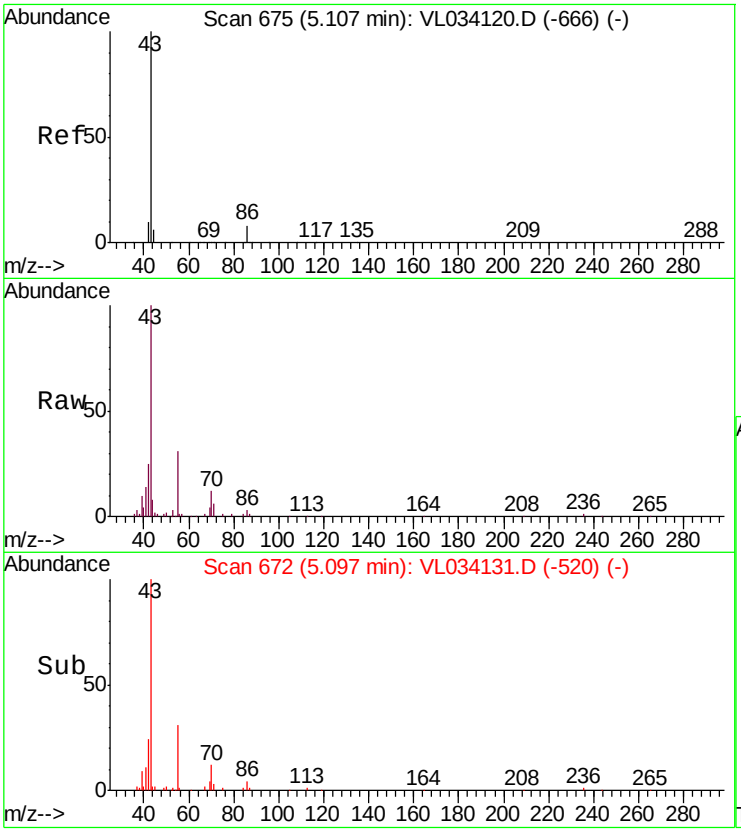


#21
Allyl Chloride
Concen: 0.108 ppbv
RT: 4.38 min Scan# 449
Delta R.T. -0.05 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 41 Resp: 7766

Ion	Ratio	Lower	Upper
41	100		
76	0.0	21.6	32.4#
39	141.1	65.0	97.4#



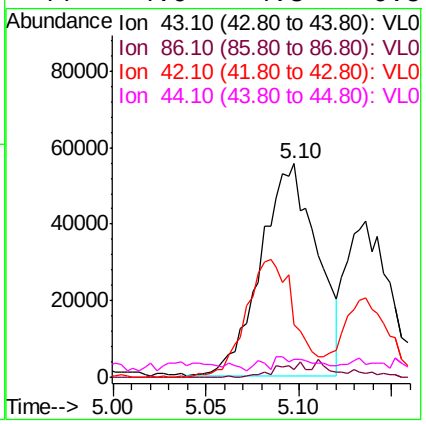


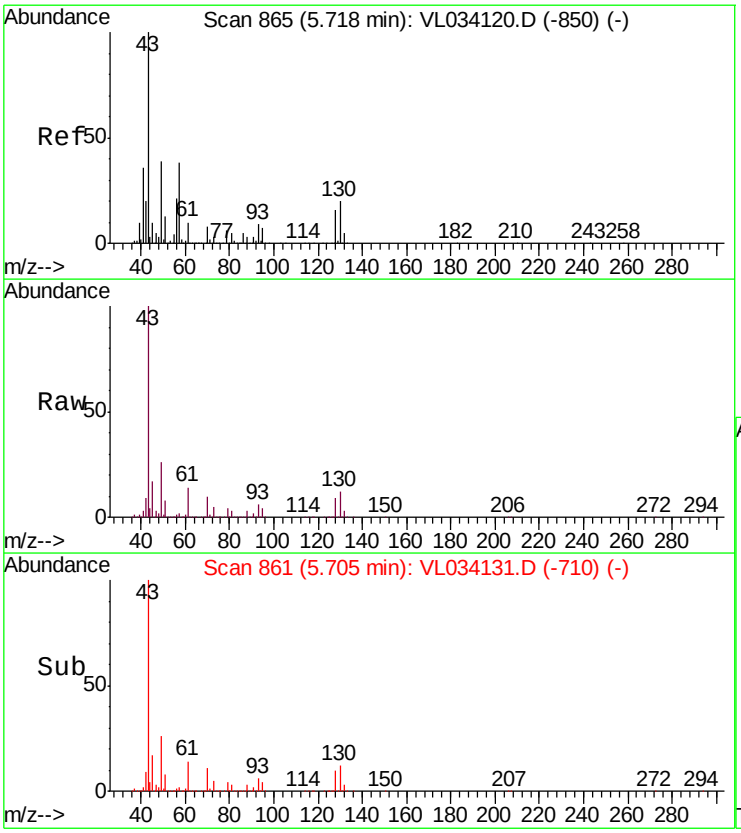
#23
Vinyl Acetate
Concen: 0.631 ppbv
RT: 5.10 min Scan# 672
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 43 Resp: 116377

Ion	Ratio	Lower	Upper
43	100		
86	3.5	5.5	8.3#
42	24.5	8.2	12.4#
44	4.9	4.3	6.5

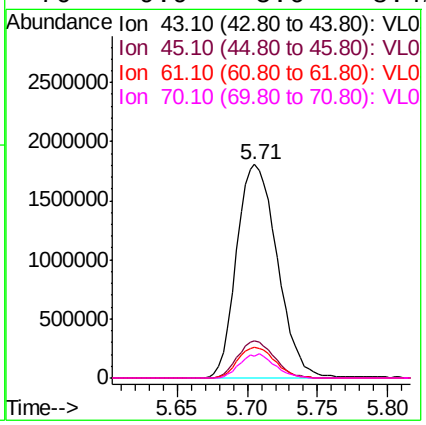


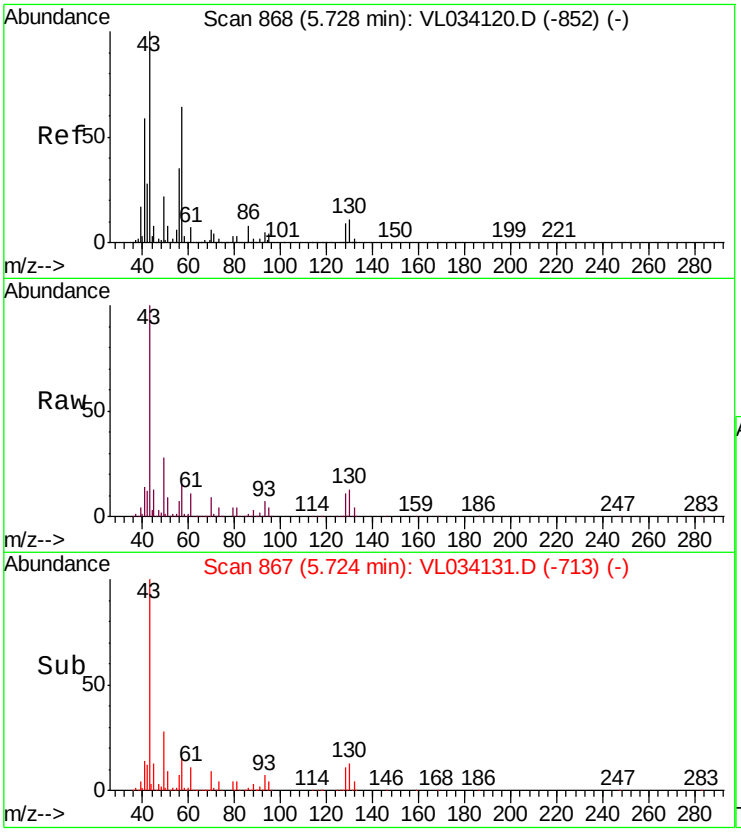


#25
Ethyl Acetate
Concen: 15.296 ppbv
RT: 5.71 min Scan# 861
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 43 Resp: 3647846

Ion	Ratio	Lower	Upper
43	100		
45	15.9	8.2	12.4#
61	13.2	7.4	11.2#
70	9.9	5.6	8.4#



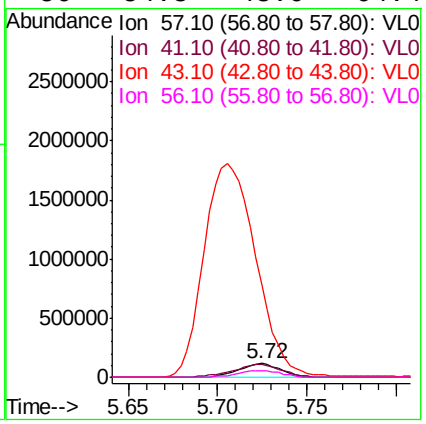


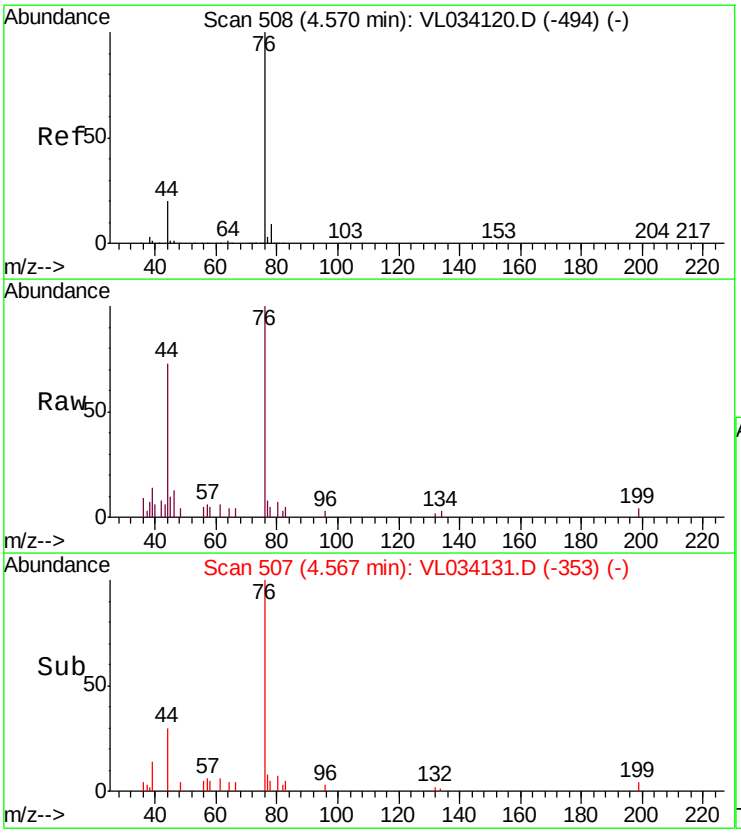
#26
Hexane
Concen: 1.785 ppbv
RT: 5.72 min Scan# 867
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 57 Resp: 189252

Ion	Ratio	Lower	Upper
57	100		
41	109.0	76.6	115.0
43	1944.5	189.2	283.8#
56	54.3	43.0	64.4

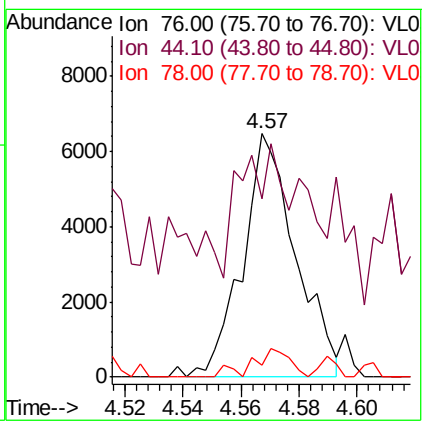


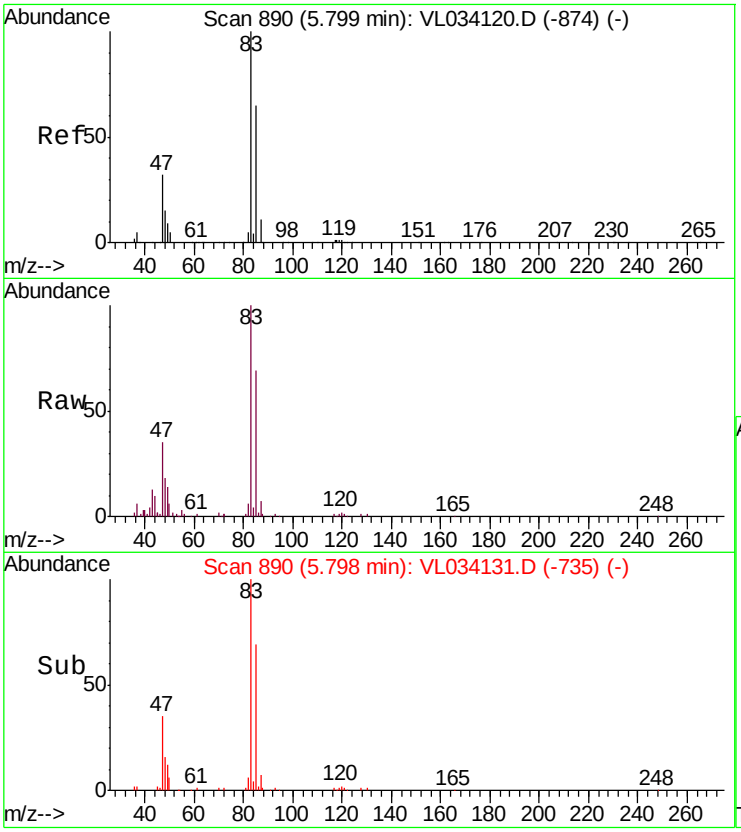


#27
Carbon Disulfide
Concen: 0.086 ppbv
RT: 4.57 min Scan# 507
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 76 Resp: 8213

Ion	Ratio	Lower	Upper
76	100		
44	102.8	17.6	26.4#
78	12.5	7.3	10.9#



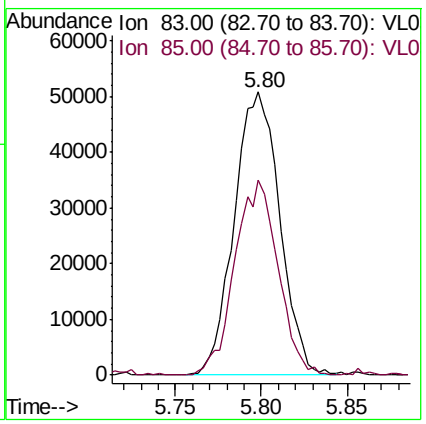


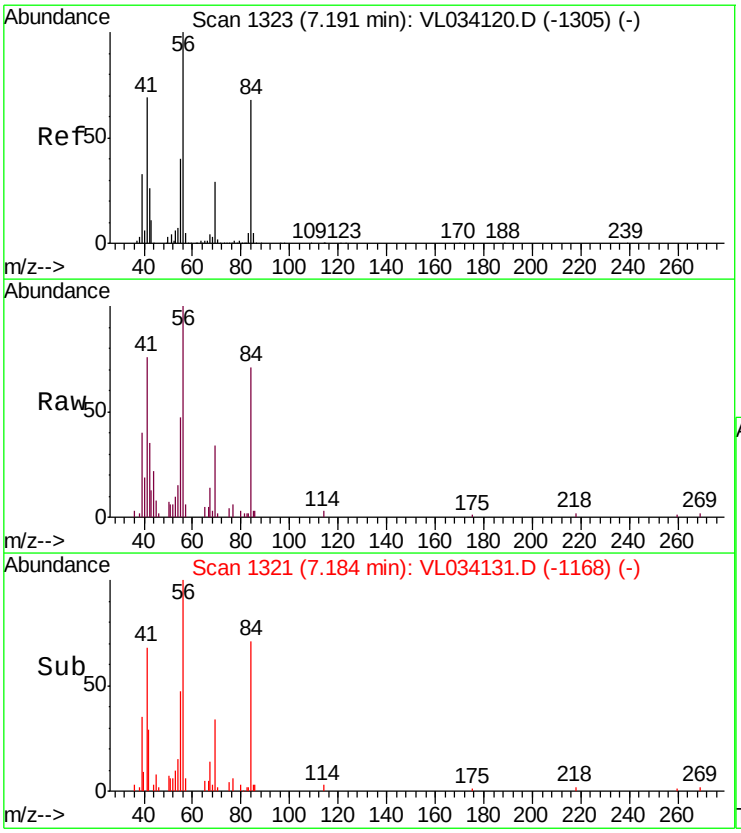
#29
Chloroform
Concen: 0.654 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 83 Resp: 93536

Ion	Ratio	Lower	Upper
83	100		
85	68.9	51.8	77.6

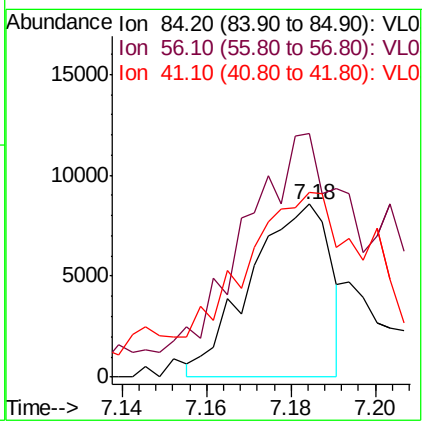


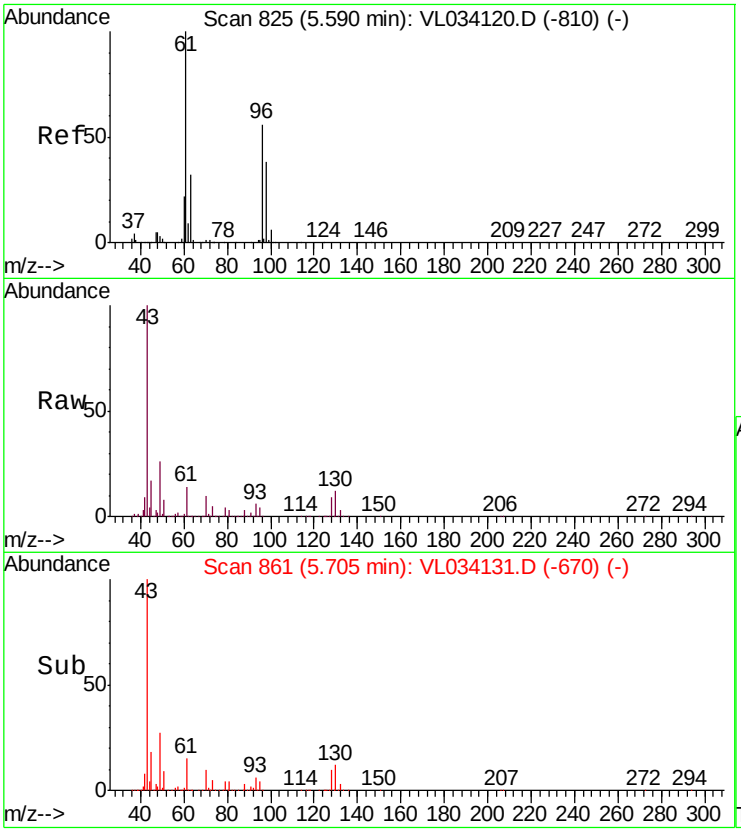


#30
Cyclohexane
Concen: 0.146 ppbv
RT: 7.18 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 84 Resp: 11220

Ion	Ratio	Lower	Upper
84	100		
56	0.0	122.6	183.8#
41	0.0	79.1	118.7#



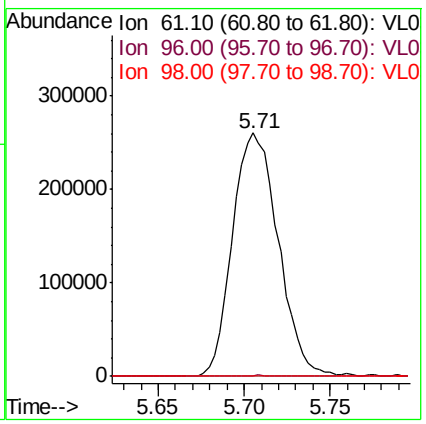


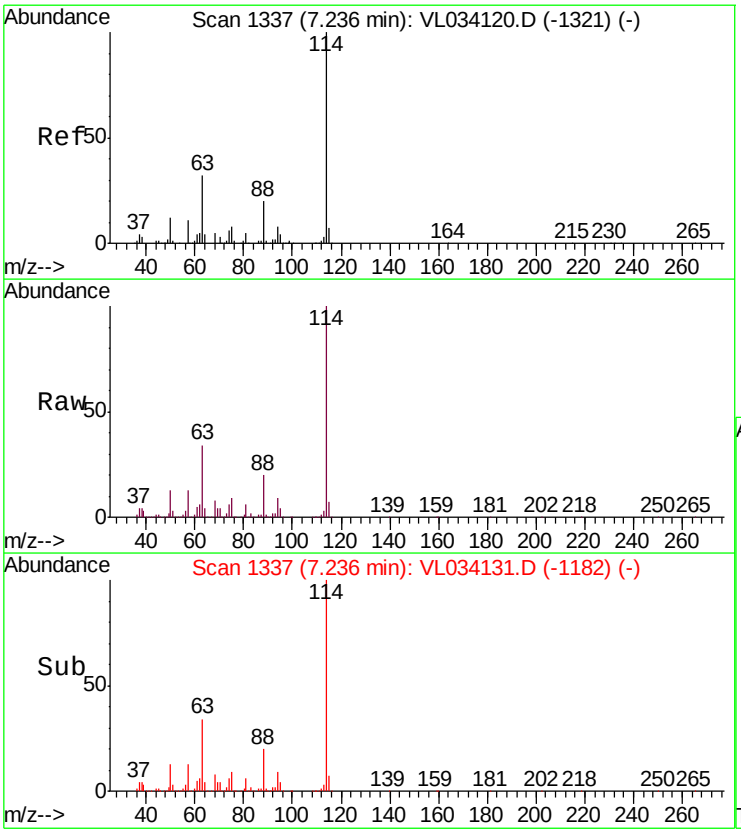
#31
cis-1,2-Dichloroethene
Concen: 4.728 ppbv
RT: 5.71 min Scan# 861
Delta R.T. 0.12 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 61 Resp: 480058

Ion	Ratio	Lower	Upper
61	100		
96	0.3	44.4	66.6#
98	0.0	30.0	45.0#

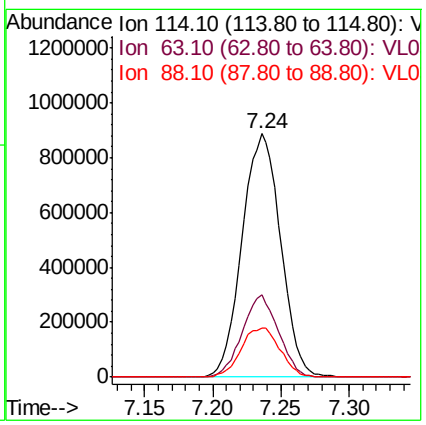


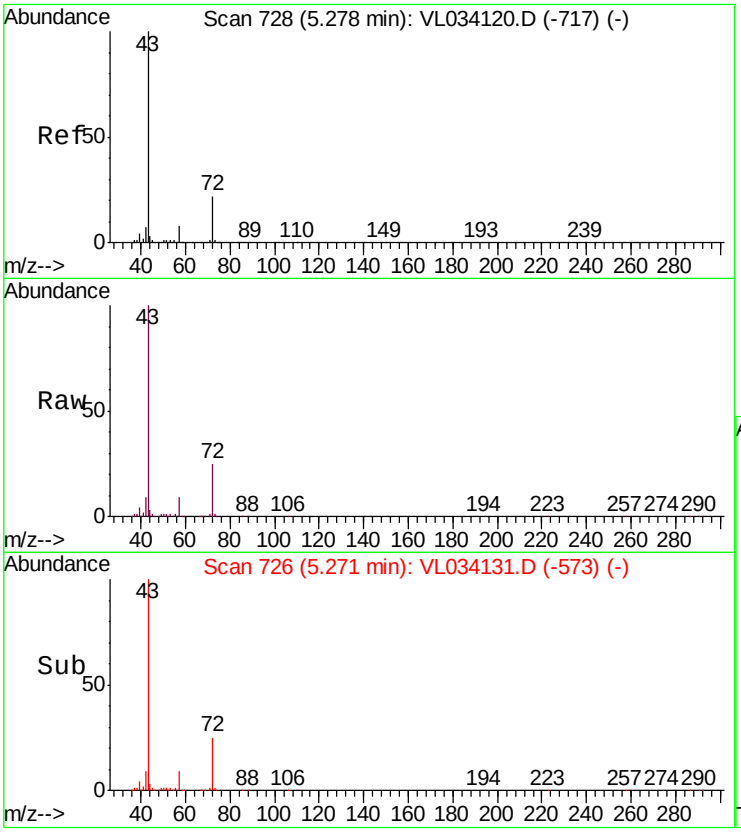


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:114 Resp: 1737974

Ion	Ratio	Lower	Upper
114	100		
63	31.7	25.5	38.3
88	20.4	16.8	25.2



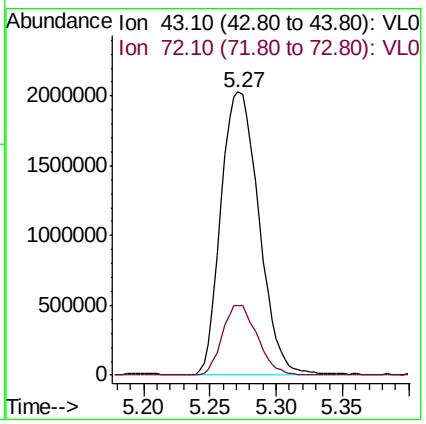


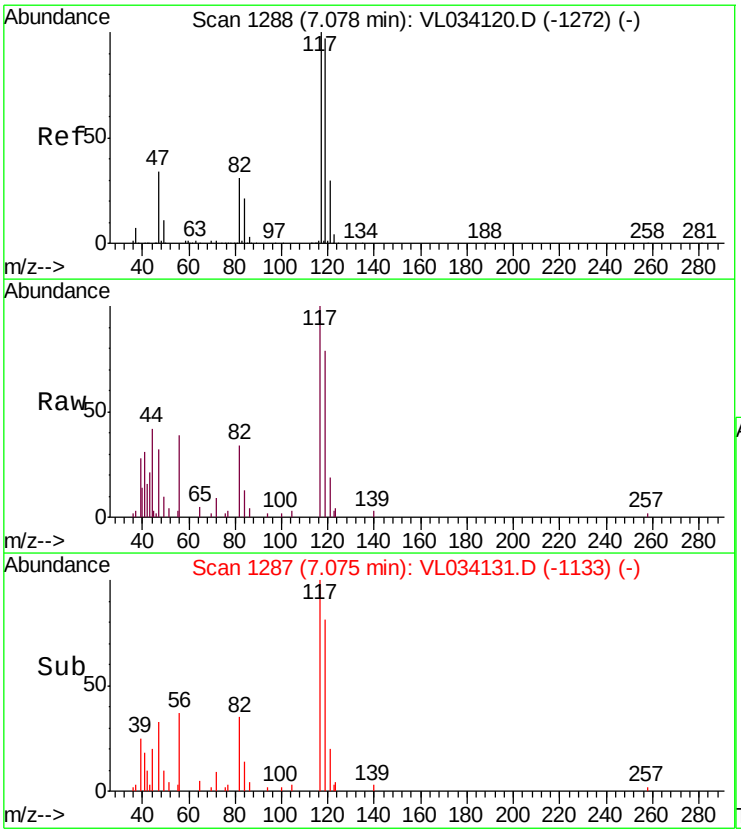
#34
2-Butanone
Concen: 24.272 ppbv
RT: 5.27 min Scan# 726
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 43 Resp: 4055462

Ion	Ratio	Lower	Upper
43	100		
72	22.6	16.5	24.7

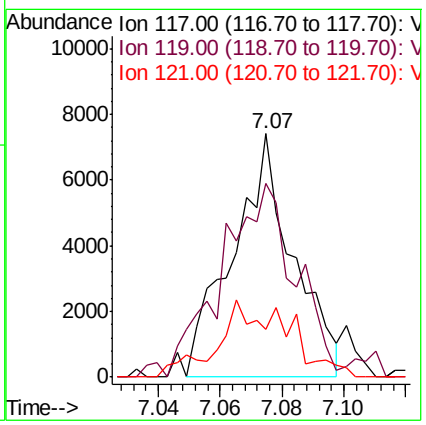


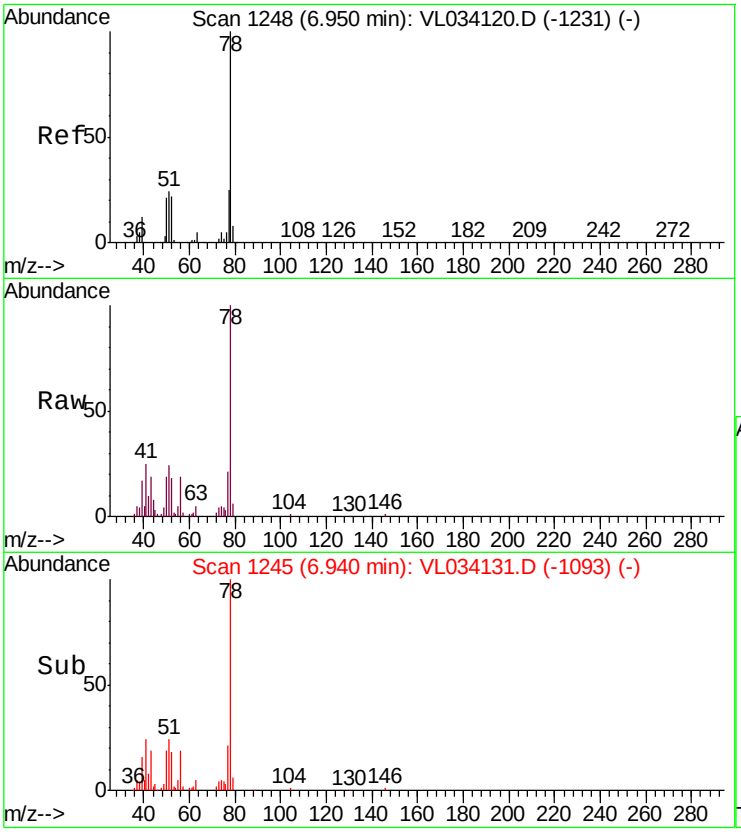


#35
Carbon Tetrachloride
Concen: 0.074 ppbv
RT: 7.07 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:117 Resp: 10072

Ion	Ratio	Lower	Upper
117	100		
119	76.6	77.2	115.8#
121	14.8	24.2	36.4#



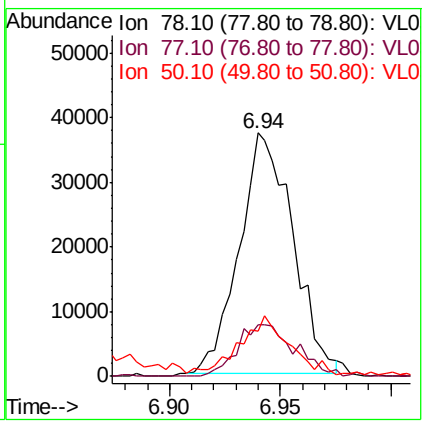


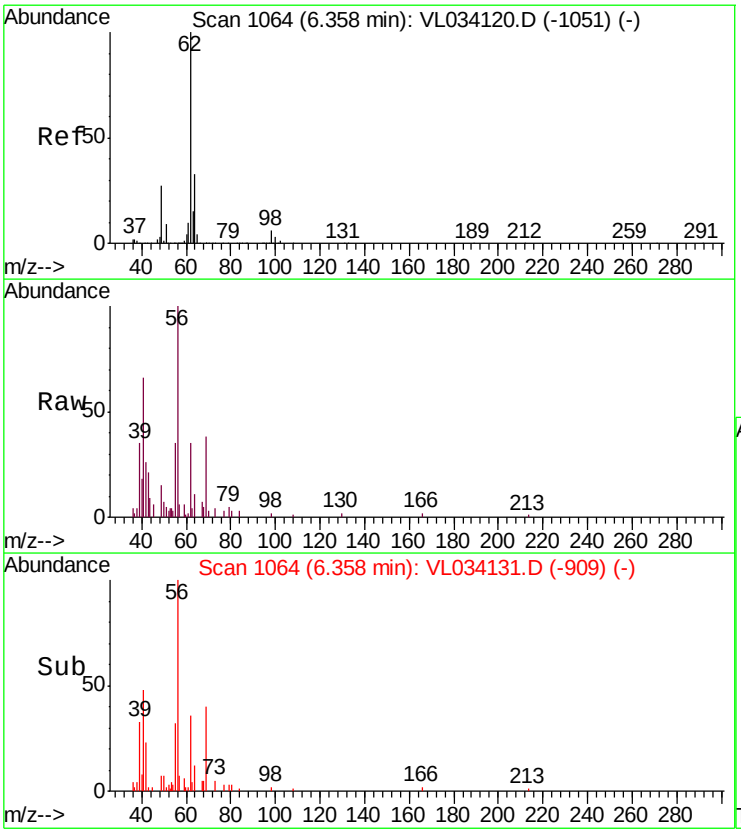
#36
Benzene
Concen: 0.314 ppbv
RT: 6.94 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 78 Resp: 62400

Ion	Ratio	Lower	Upper
78	100		
77	21.5	20.3	30.5
50	18.4	16.9	25.3

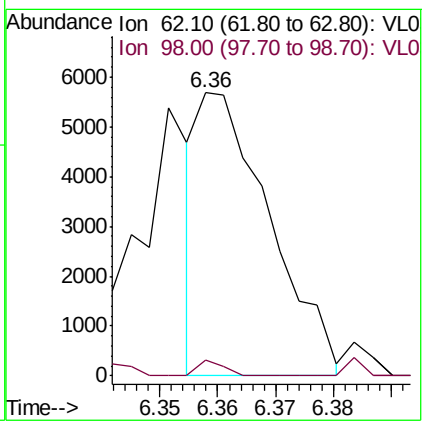


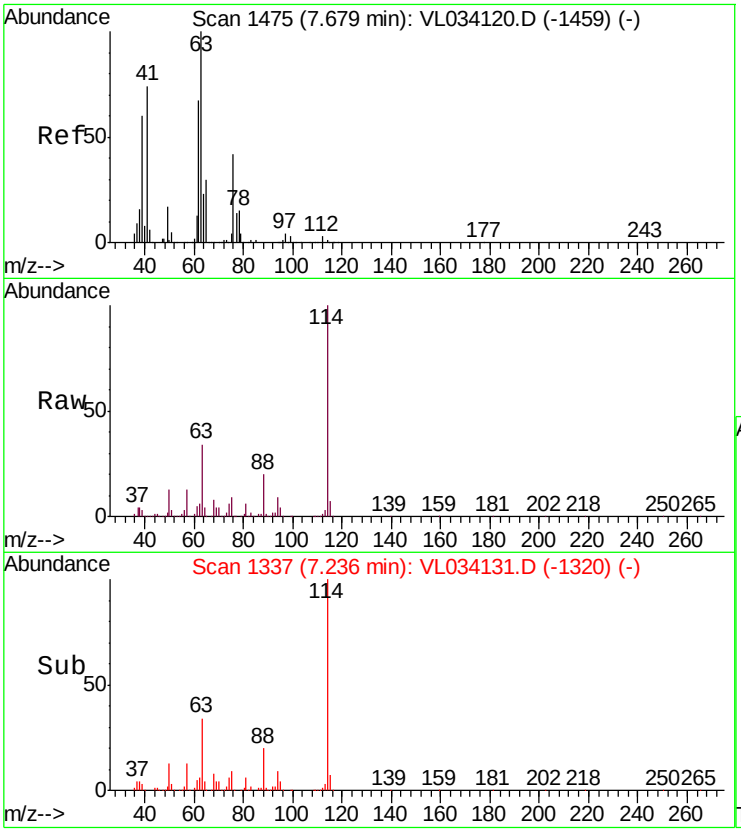


#37
1,2-Dichloroethane
Concen: 0.040 ppbv
RT: 6.36 min Scan# 1064
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 62 Resp: 4857

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.4	6.6#



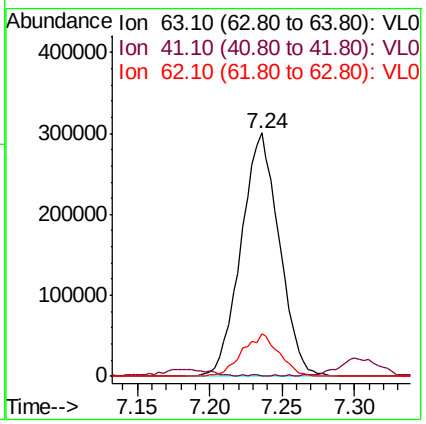


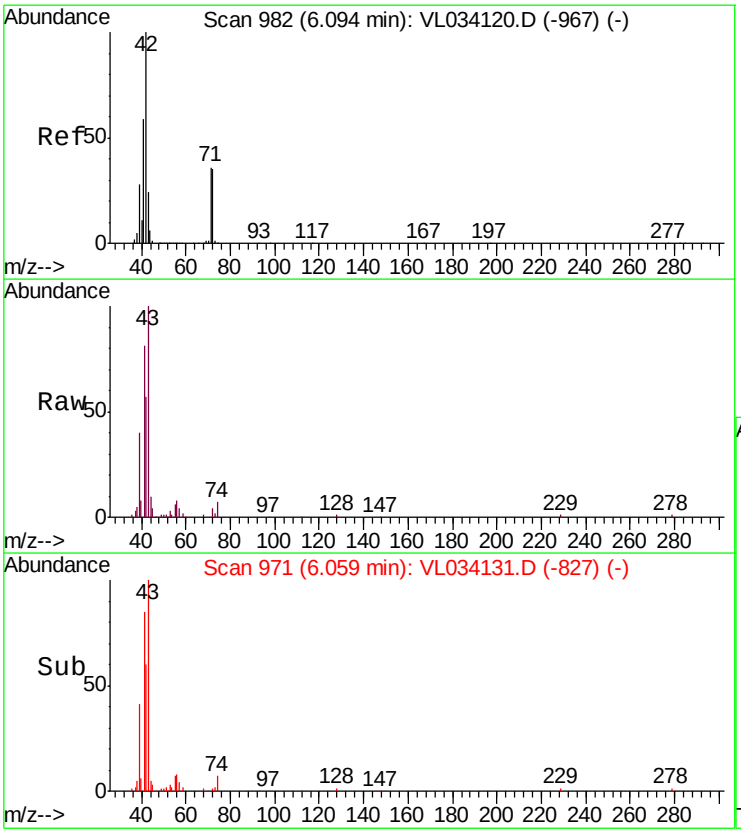
#39
1,2-Dichloropropane
Concen: 6.470 ppbv
RT: 7.24 min Scan# 1337
Delta R.T. -0.44 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 63 Resp: 550086

Ion	Ratio	Lower	Upper
63	100		
41	0.0	59.3	88.9#
62	17.6	53.8	80.6#

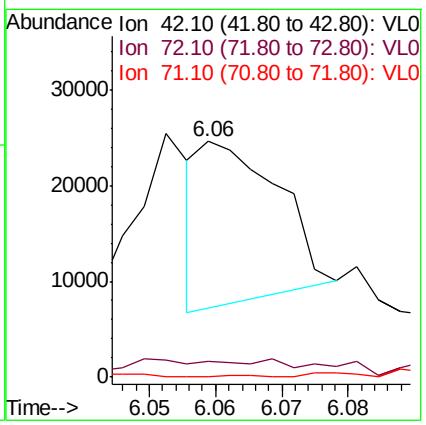


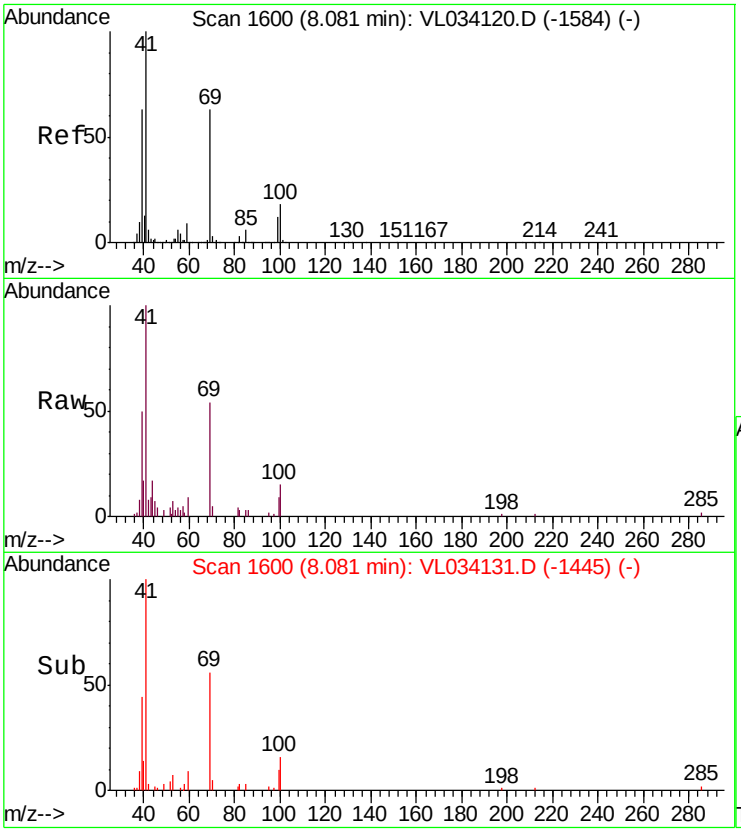


#41
Tetrahydrofuran
Concen: 0.139 ppbv
RT: 6.06 min Scan# 971
Delta R.T. -0.04 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 42 Resp: 13887

Ion	Ratio	Lower	Upper
42	100		
72	28.2	27.7	41.5
71	0.0	26.7	40.1#



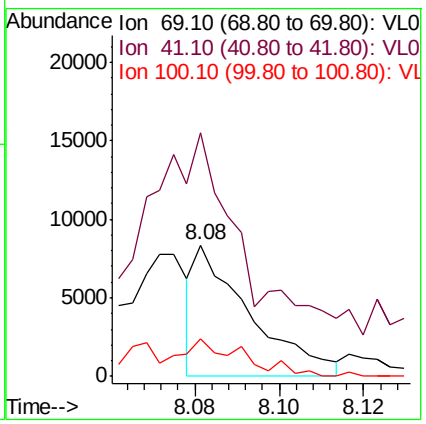


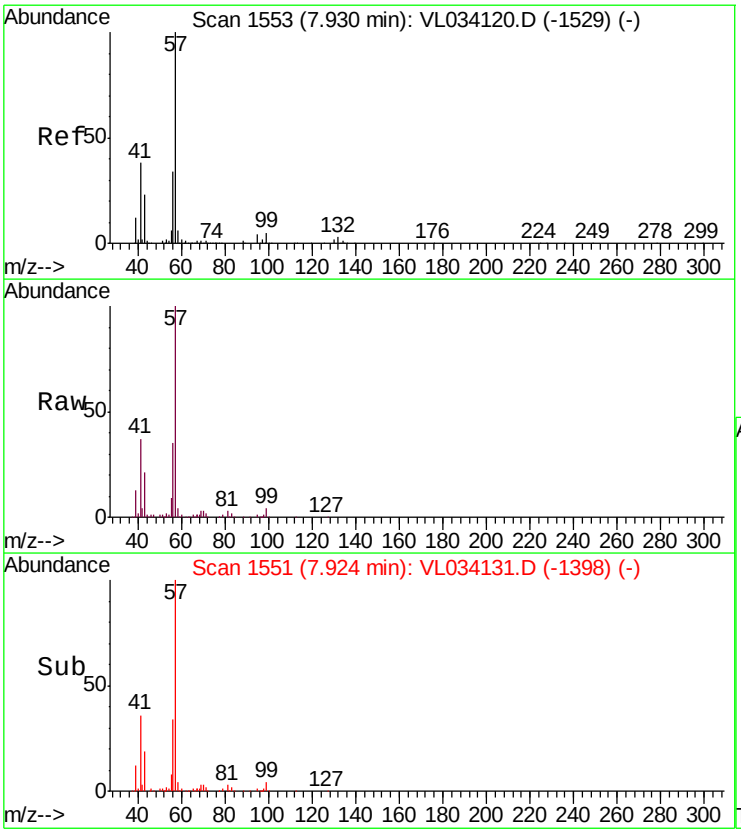
#43
Methyl Methacrylate
Concen: 0.093 ppbv
RT: 8.08 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 69 Resp: 7586

Ion	Ratio	Lower	Upper
69	100		
41	363.8	131.0	196.6#
100	50.9	22.6	33.8#

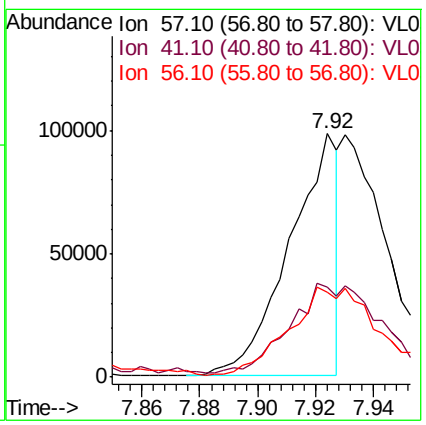


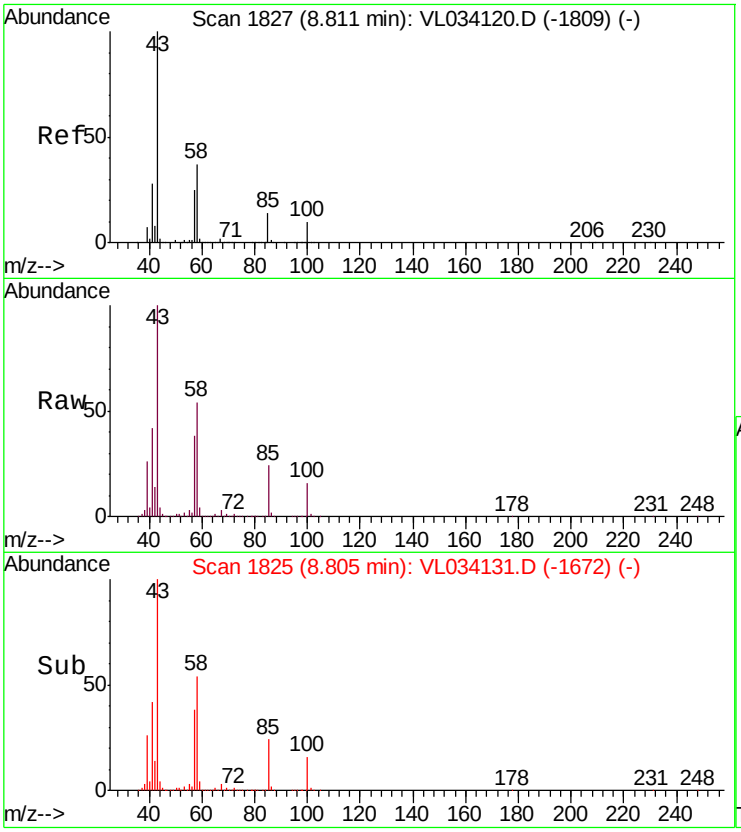


#44
2,2,4-Trimethylpentane
Concen: 0.311 ppbv
RT: 7.92 min Scan# 1551
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 57 Resp: 113961

Ion	Ratio	Lower	Upper
57	100		
41	77.9	28.4	42.6#
56	68.9	26.3	39.5#



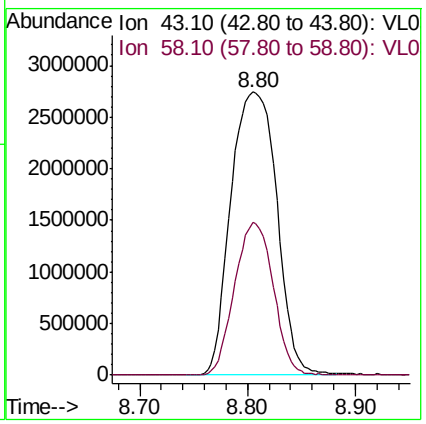


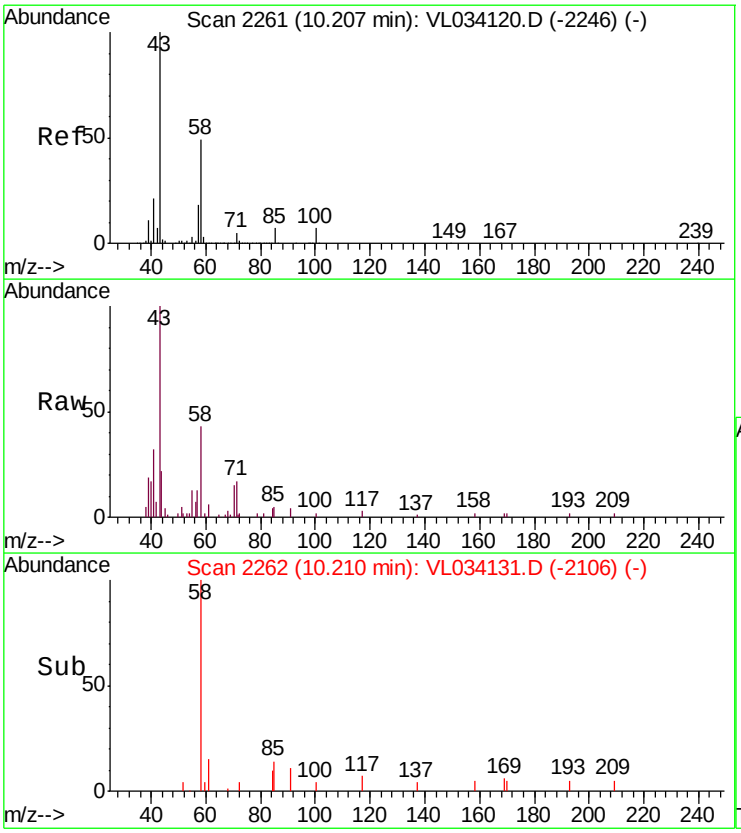
#50
4-Methyl-2-Pentanone
Concen: 31.929 ppbv
RT: 8.80 min Scan# 1825
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 43 Resp: 8140873

Ion	Ratio	Lower	Upper
43	100		
58	45.6	28.5	42.7#

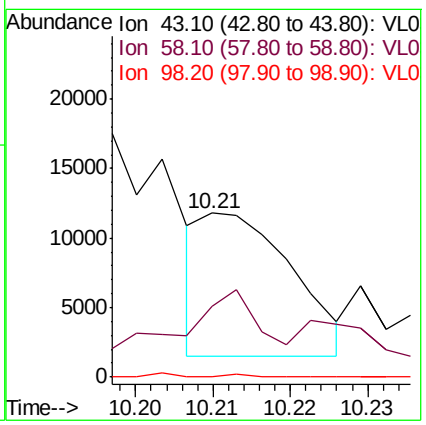


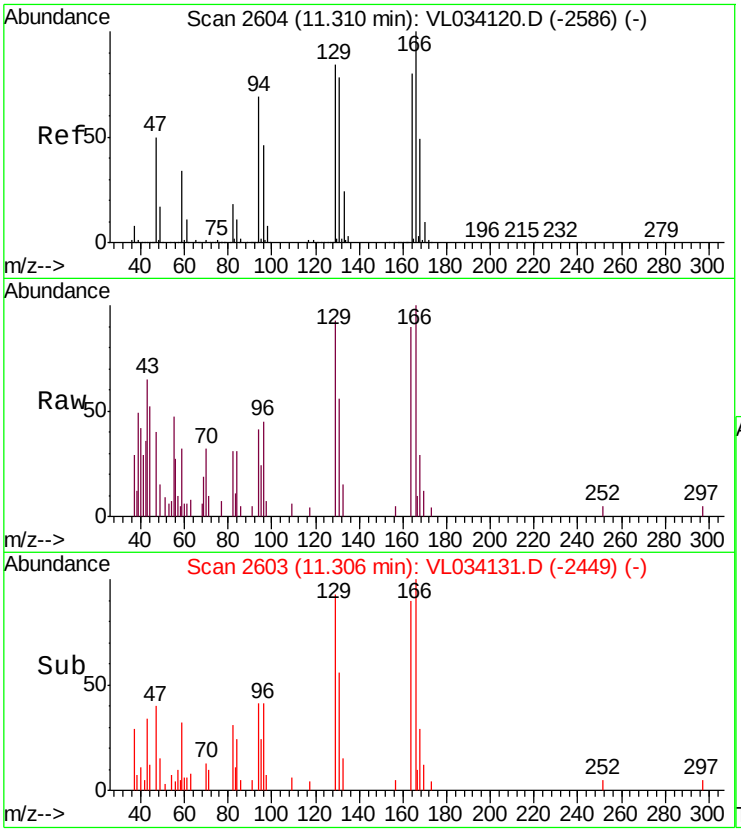


#51
2-Hexanone
Concen: 0.038 ppbv
RT: 10.21 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 43 Resp: 8316

Ion	Ratio	Lower	Upper
43	100		
58	134.5	38.2	57.2#
98	0.0	0.1	0.1#



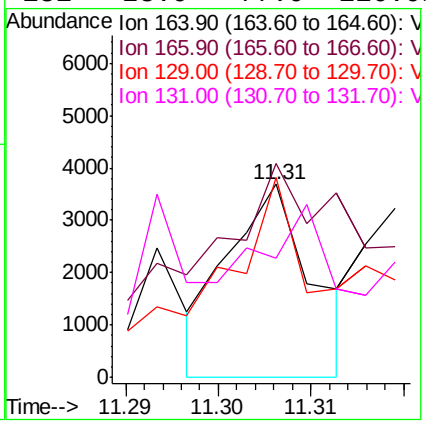


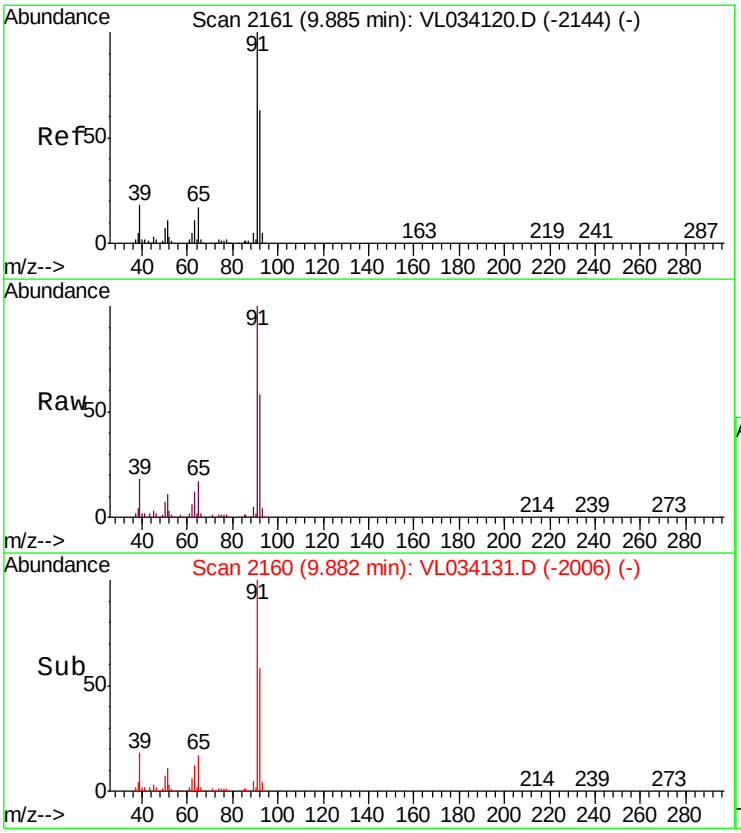
#52
Tetrachloroethene
Concen: 0.033 ppbv
RT: 11.31 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion:164 Resp: 2322

Ion	Ratio	Lower	Upper
164	100		
166	87.8	99.5	149.3#
129	108.1	83.6	125.4
131	23.9	77.9	116.9#

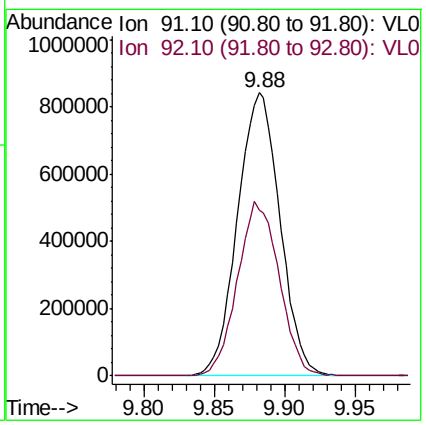


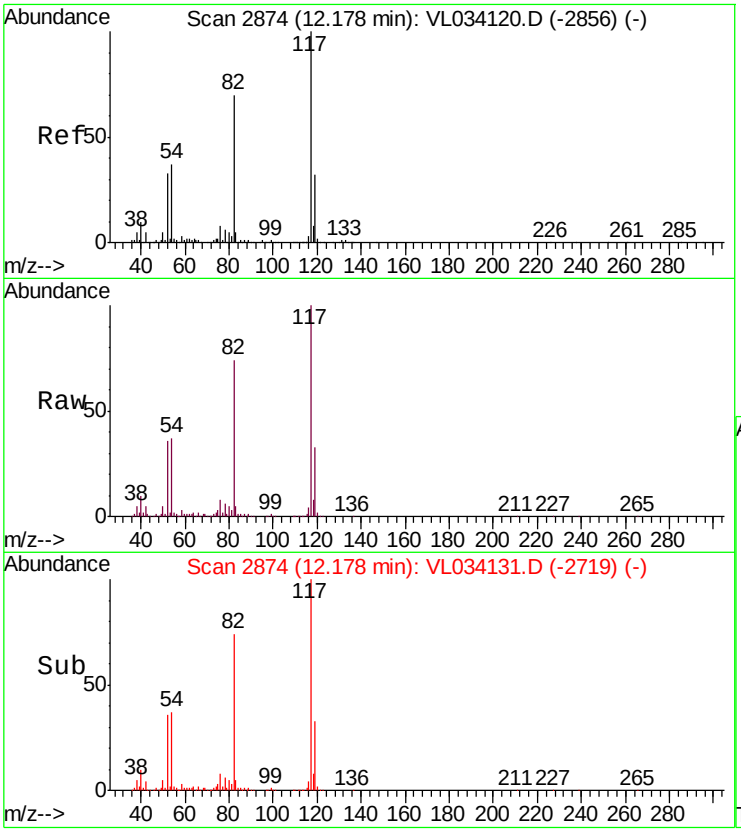


#53
Toluene
Concen: 8.063 ppbv
RT: 9.88 min Scan# 2160
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 91 Resp: 1771587

Ion	Ratio	Lower	Upper
91	100		
92	60.6	49.3	73.9



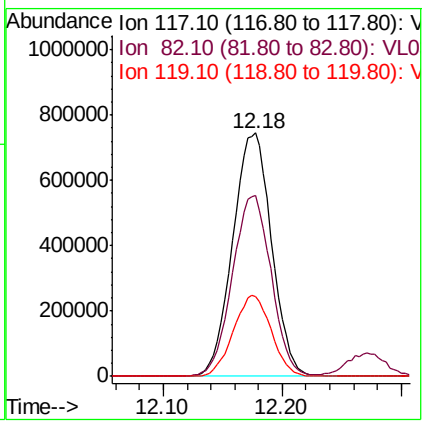


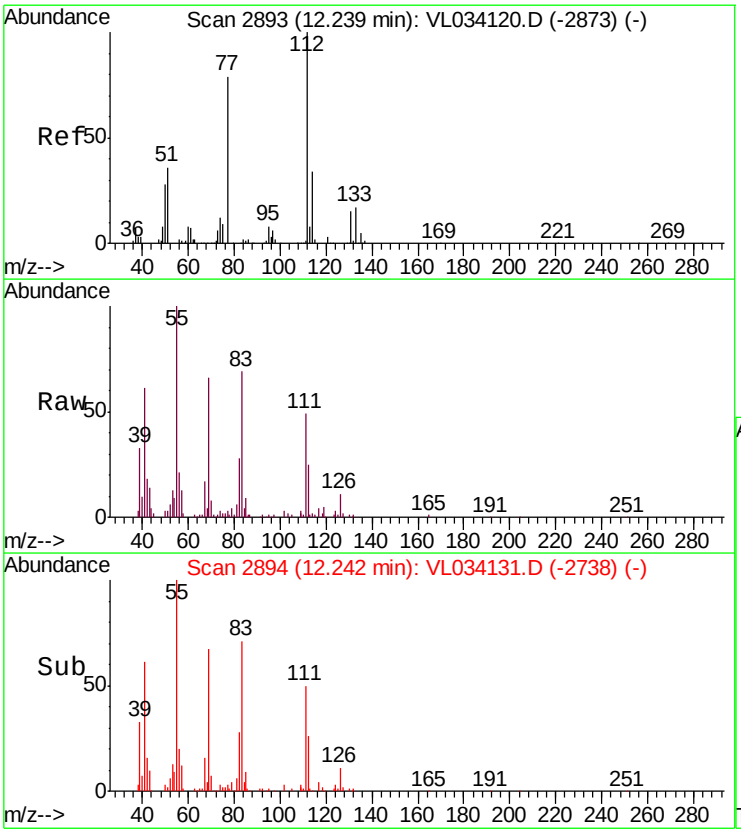
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.18 min Scan# 2874
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion:117 Resp: 1683683

Ion	Ratio	Lower	Upper
117	100		
82	74.2	55.8	83.6
119	32.5	43.1	64.7#

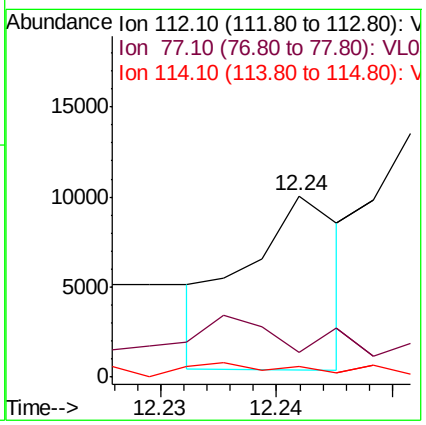


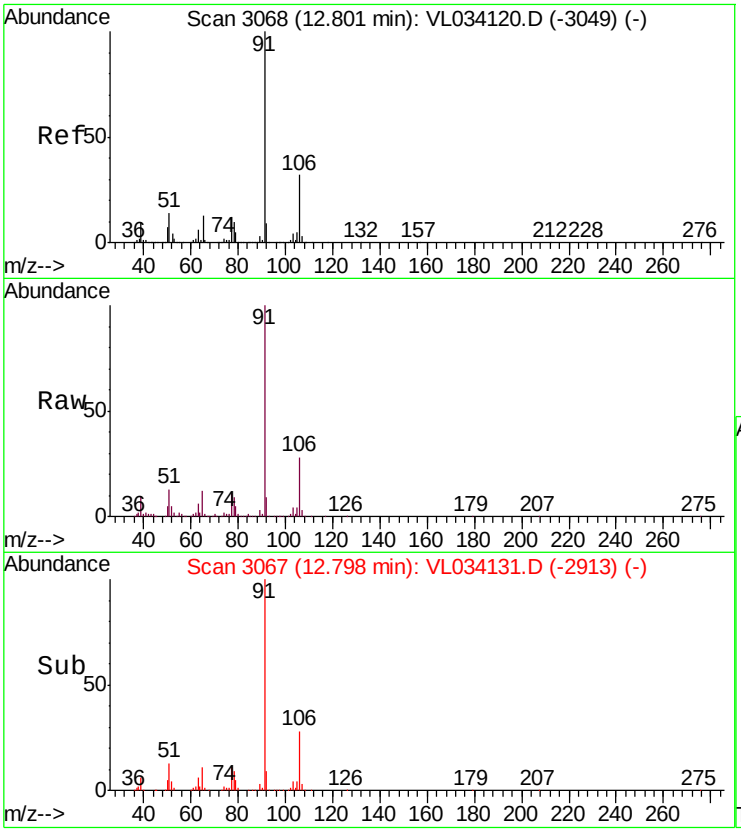


#57
Chlorobenzene
Concen: 0.039 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. 0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:112 Resp: 5581

Ion	Ratio	Lower	Upper
112	100		
77	0.0	64.4	96.6#
114	0.1	30.3	37.1#



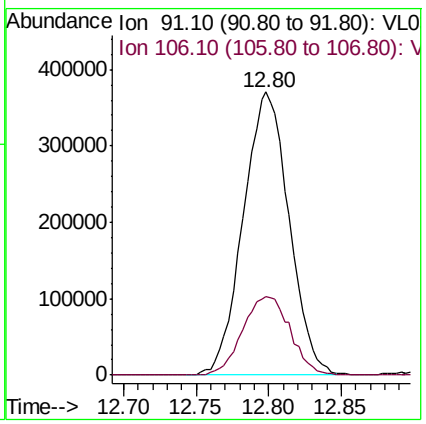


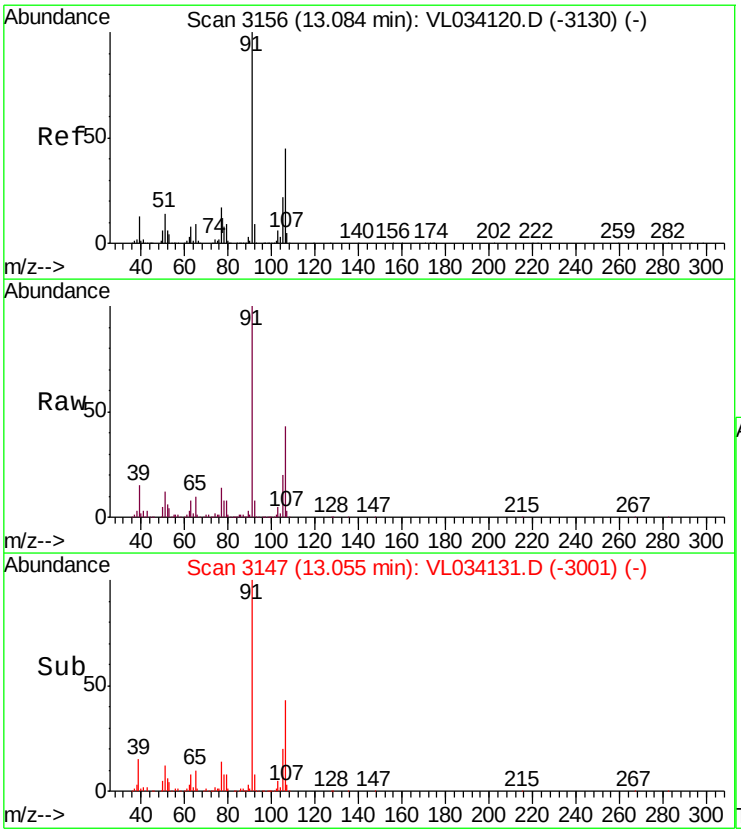
#58
Ethyl Benzene
Concen: 2.933 ppbv
RT: 12.80 min Scan# 3067
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 91 Resp: 809851

Ion	Ratio	Lower	Upper
91	100		
106	27.8	25.3	37.9

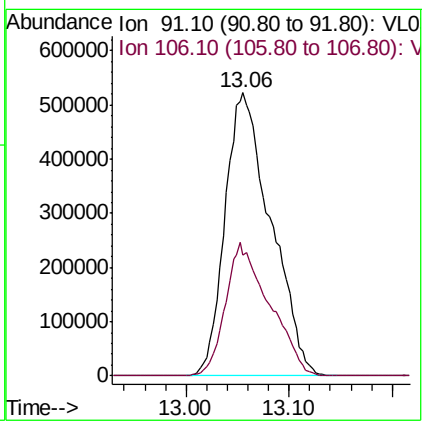


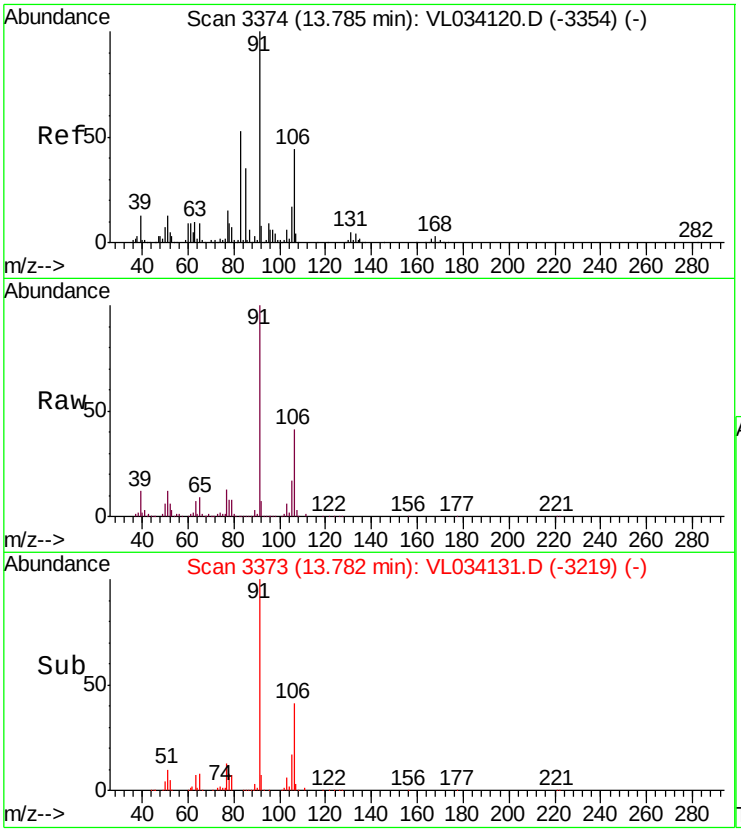


#59
m/p-Xylene
Concen: 7.135 ppbv
RT: 13.06 min Scan# 3147
Delta R.T. -0.03 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 91 Resp: 1606936

Ion	Ratio	Lower	Upper
91	100		
106	45.2	35.4	53.2



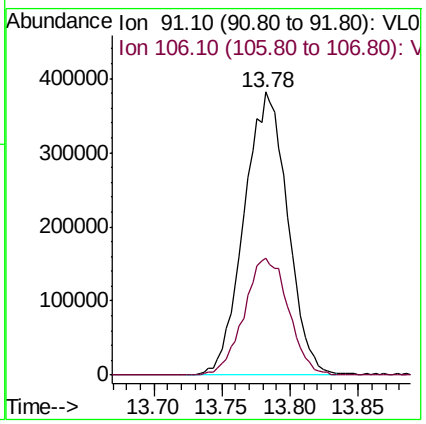


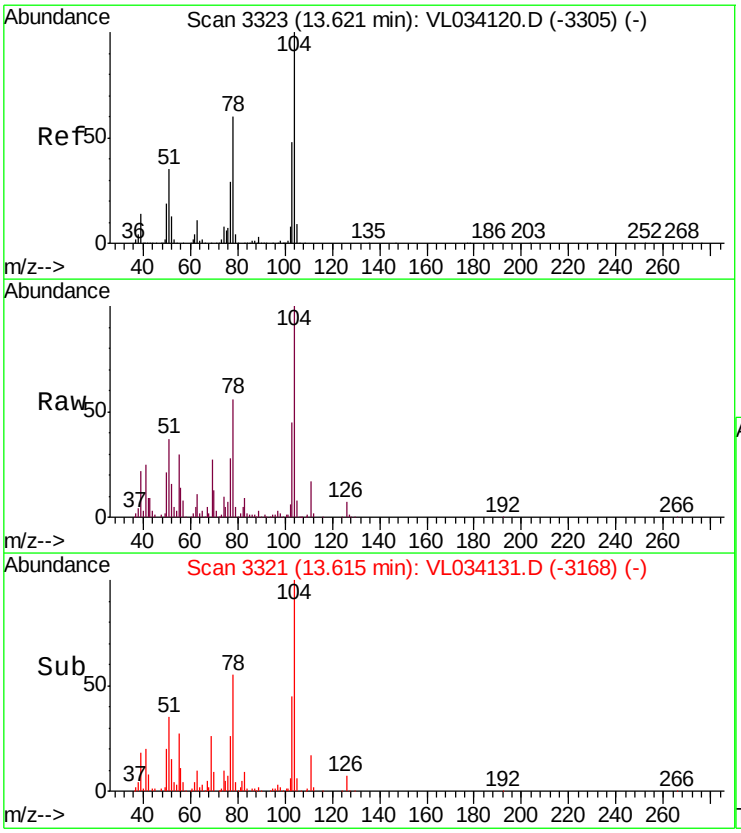
#60
o-Xylene
Concen: 3.758 ppbv
RT: 13.78 min Scan# 3373
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion: 91 Resp: 842999

Ion	Ratio	Lower	Upper
91	100		
106	42.3	21.4	64.3

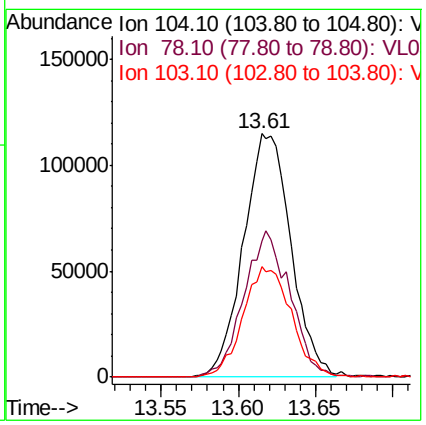


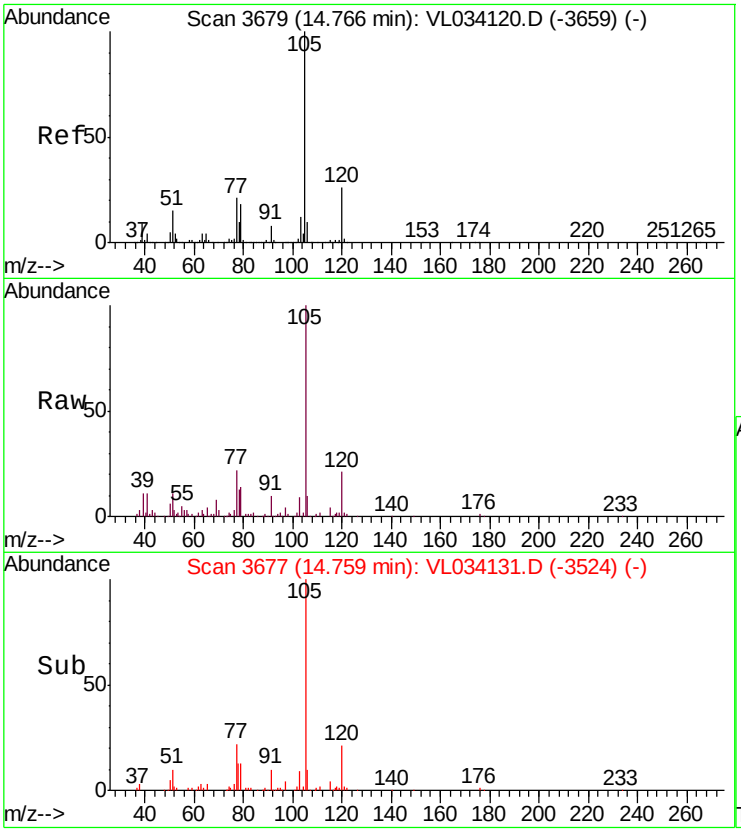


#61
Styrene
Concen: 1.465 ppbv
RT: 13.61 min Scan# 3321
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:104 Resp: 245821

Ion	Ratio	Lower	Upper
104	100		
78	58.8	47.8	71.6
103	46.2	38.7	58.1



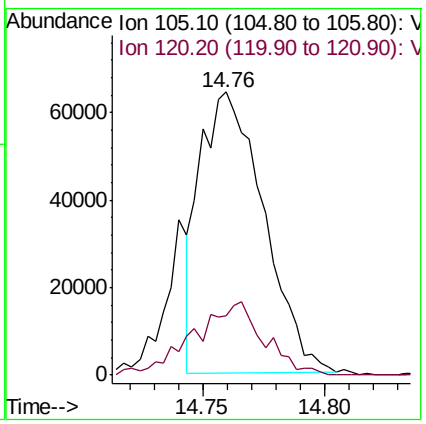


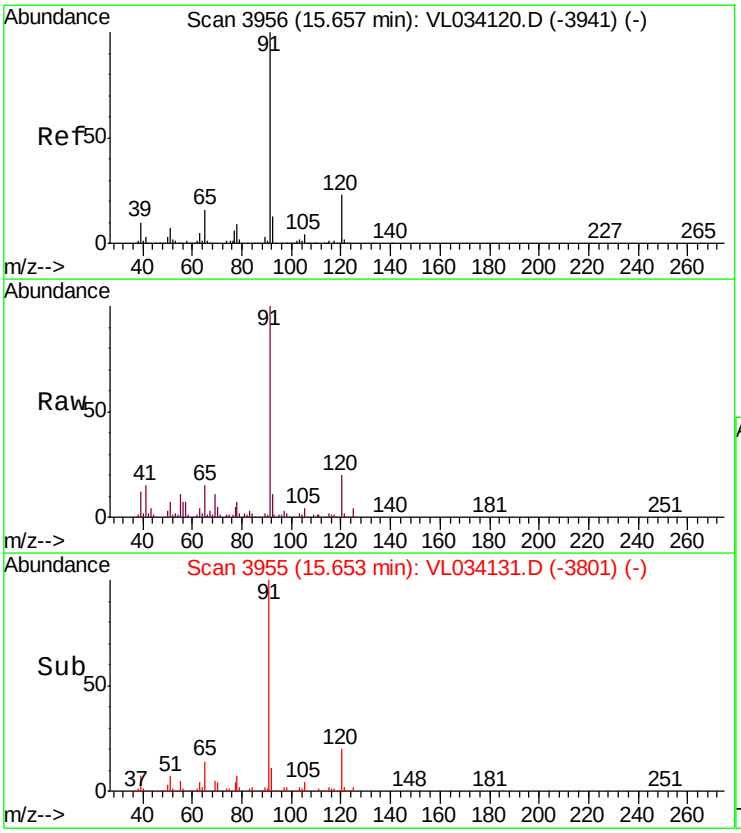
#62
Isopropylbenzene
Concen: 0.399 ppbv
RT: 14.76 min Scan# 3677
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:105 Resp: 116316

Ion	Ratio	Lower	Upper
105	100		
120	29.1	20.6	31.0

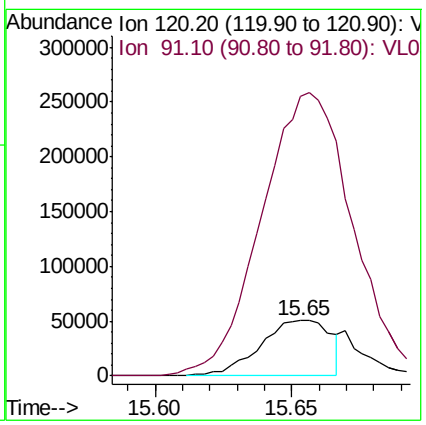


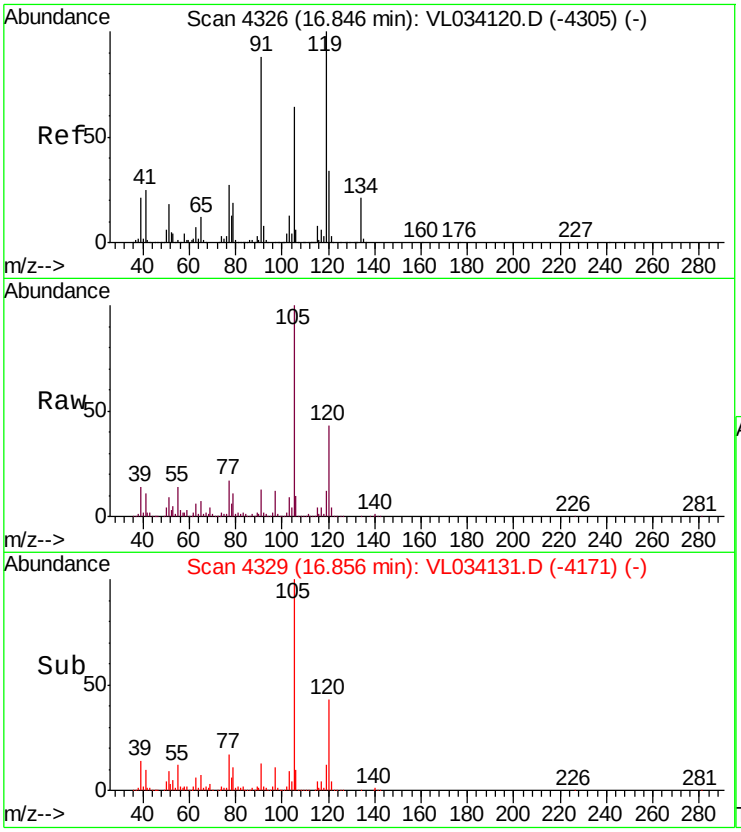


#64
n-propylbenzene
Concen: 1.237 ppbv
RT: 15.65 min Scan# 3955
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:120 Resp: 90418

Ion	Ratio	Lower	Upper
120	100		
91	660.3	376.8	565.2#



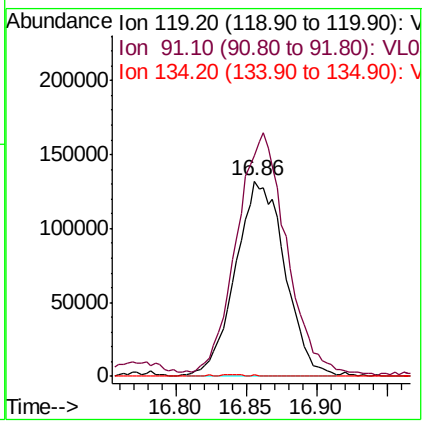


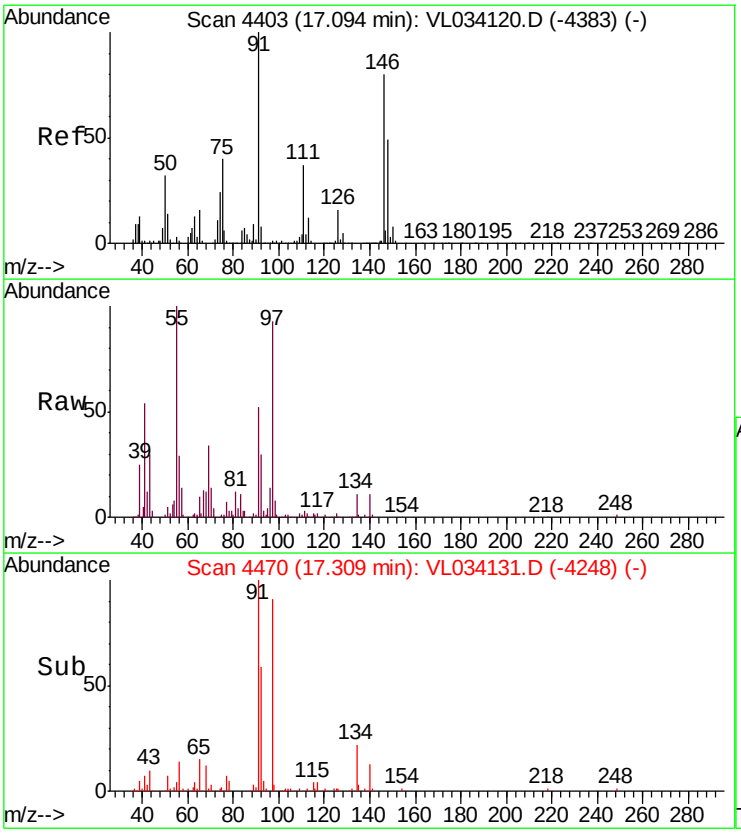
#65
tert-Butylbenzene
Concen: 1.280 ppbv
RT: 16.86 min Scan# 4329
Delta R.T. 0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:119 Resp: 322470

Ion	Ratio	Lower	Upper
119	100		
91	126.9	72.8	109.2#
134	0.7	15.8	23.8#

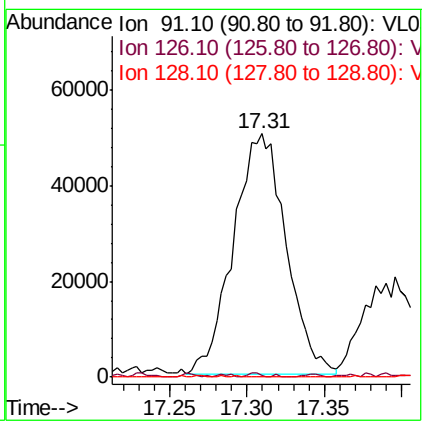


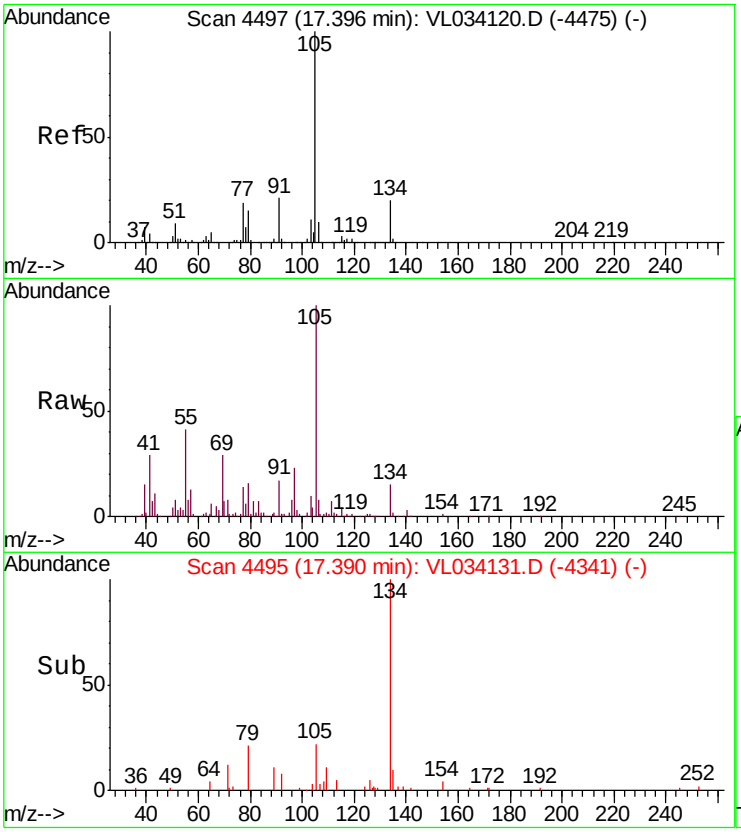


#66
Benzyl Chloride
Concen: 1.282 ppbv
RT: 17.31 min Scan# 4470
Delta R.T. 0.22 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 91 Resp: 119013

Ion	Ratio	Lower	Upper
91	100		
126	0.5	13.7	20.5#
128	0.0	4.2	6.4#



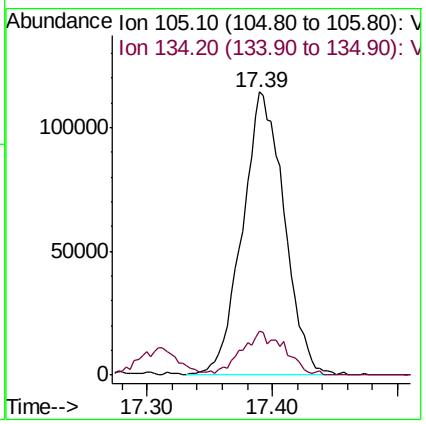


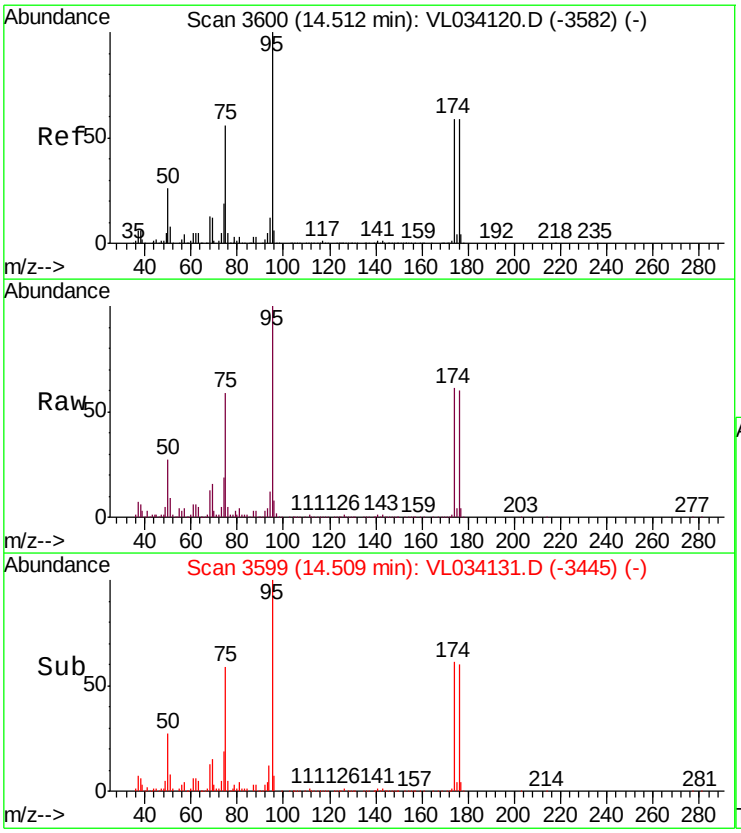
#67
sec-Butylbenzene
Concen: 0.726 ppbv
RT: 17.39 min Scan# 4495
Delta R.T. -0.01 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:105 Resp: 262827

Ion	Ratio	Lower	Upper
105	100		
134	16.3	15.0	22.4

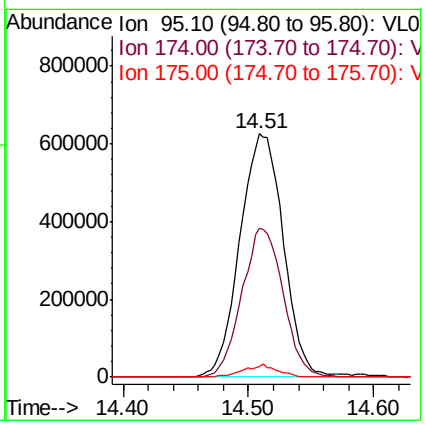


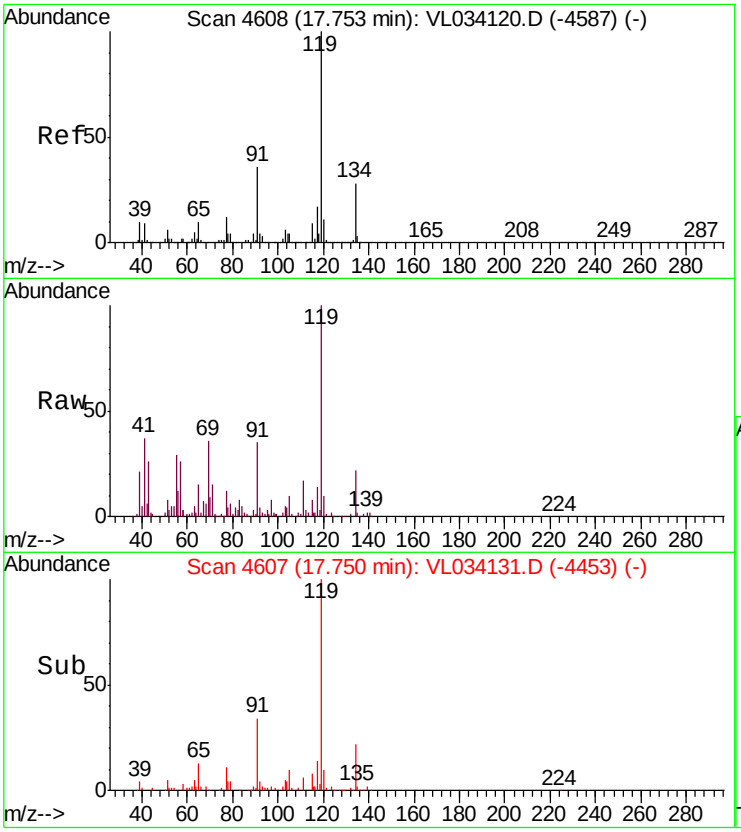


#68
1-Bromo-4-Fluorobenzene
Concen: 10.886 ppbv
RT: 14.51 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 95 Resp: 1498399

Ion	Ratio	Lower	Upper
95	100		
174	58.8	48.1	72.1
175	4.3	3.5	5.3



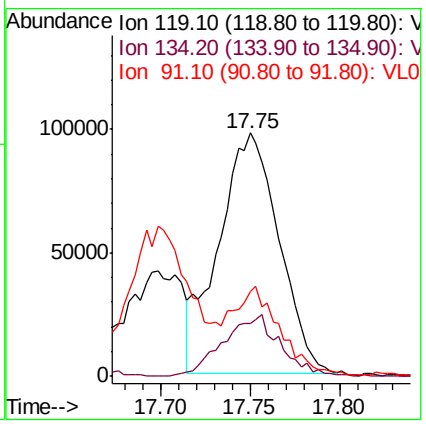


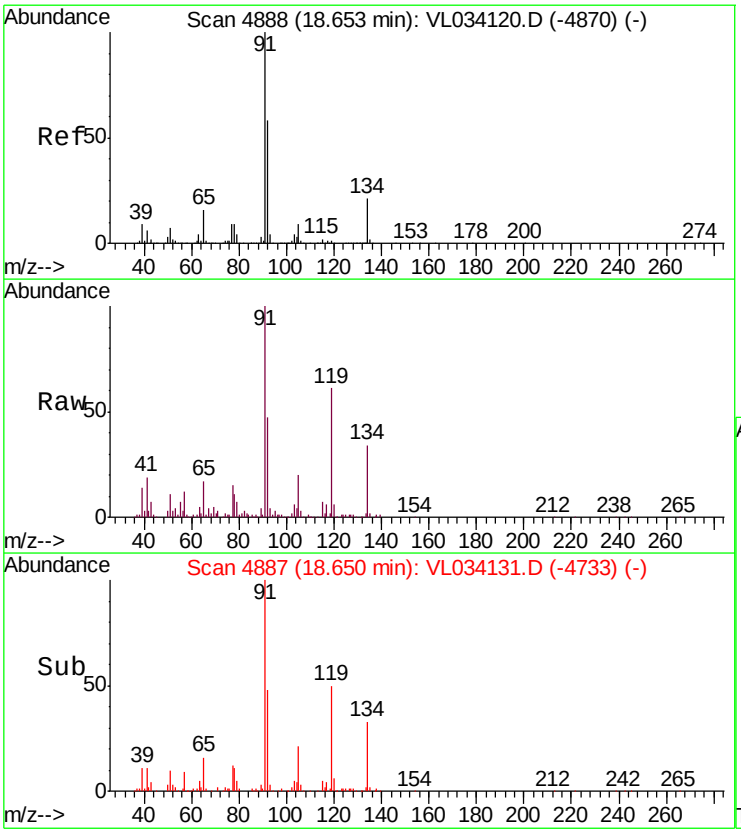
#69
p-Isopropyltoluene
Concen: 0.794 ppbv
RT: 17.75 min Scan# 4607
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:119 Resp: 229970

Ion	Ratio	Lower	Upper
119	100		
134	24.1	20.8	31.2
91	28.1	27.2	40.8

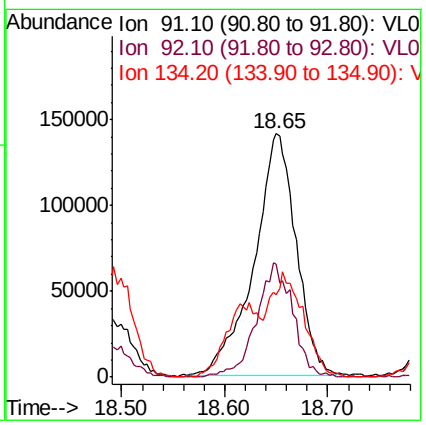


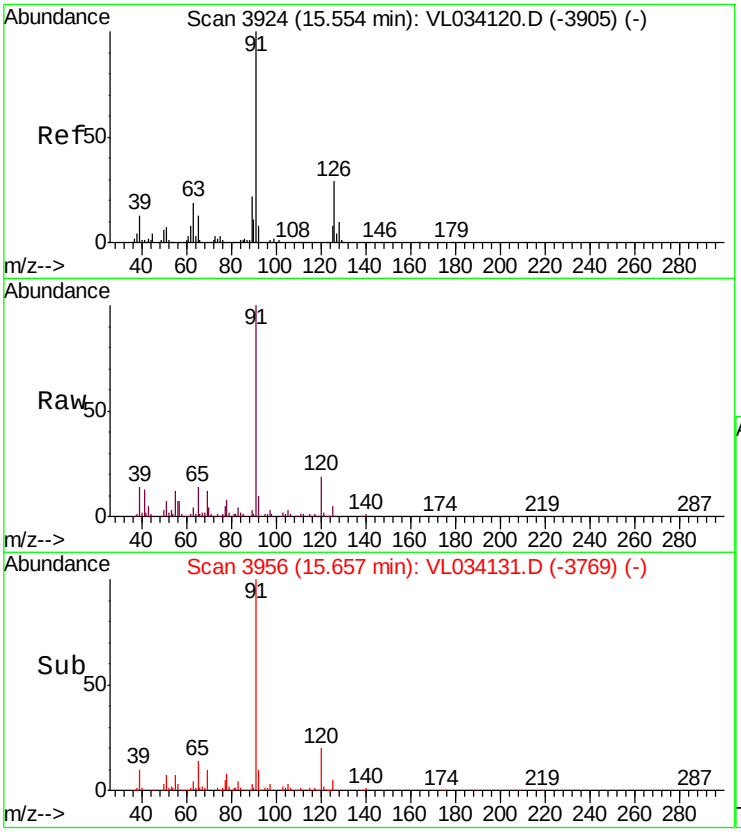


#70
n-Butylbenzene
Concen: 1.208 ppbv
RT: 18.65 min Scan# 4887
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion: 91 Resp: 398185

Ion	Ratio	Lower	Upper
91	100		
92	40.8	45.3	67.9#
134	59.1	17.4	26.0#



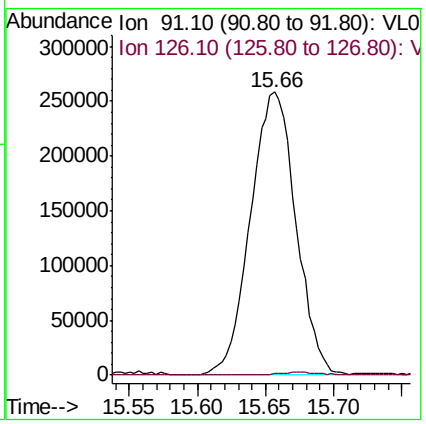


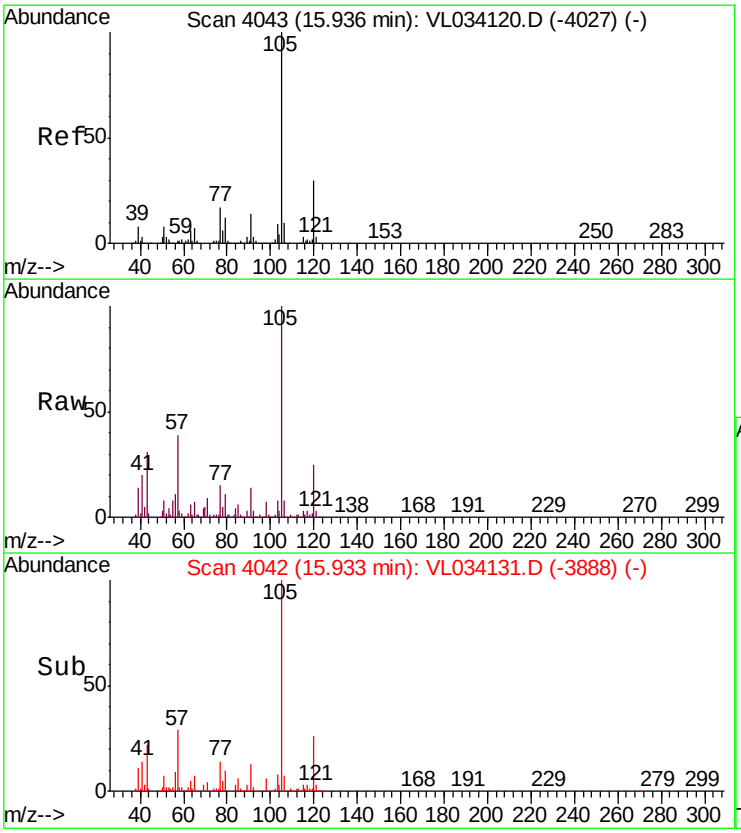
#71
2-Chlorotoluene
Concen: 2.496 ppbv
RT: 15.66 min Scan# 3956
Delta R.T. 0.10 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument : MSVOA_L
ClientSampleId : AMBIENT

Tgt Ion: 91 Resp: 595101

Ion	Ratio	Lower	Upper
91	100		
126	1.1	11.4	45.4#

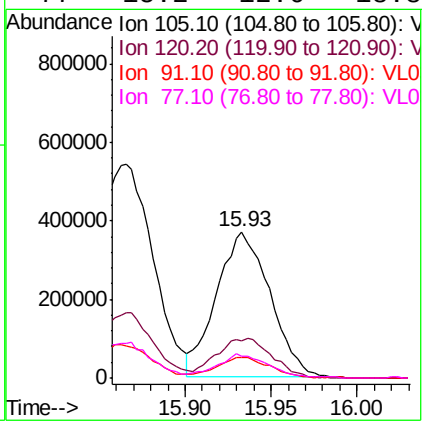


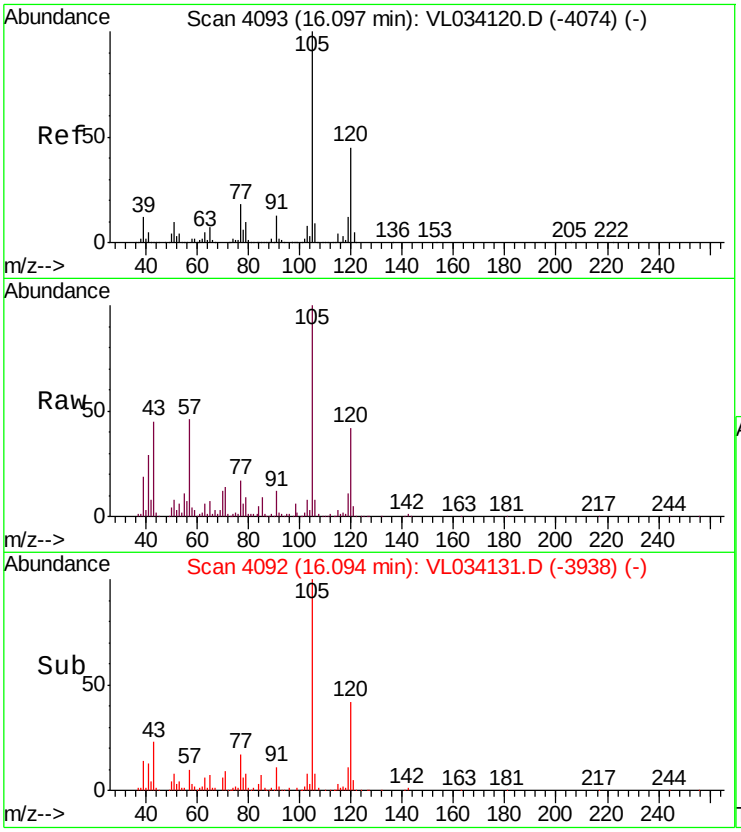


#72
4-Ethyltoluene
Concen: 3.180 ppbv
RT: 15.93 min Scan# 4042
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:105 Resp: 804878

Ion	Ratio	Lower	Upper
105	100		
120	29.3	23.8	35.6
91	14.7	11.4	17.0
77	15.2	12.6	18.8



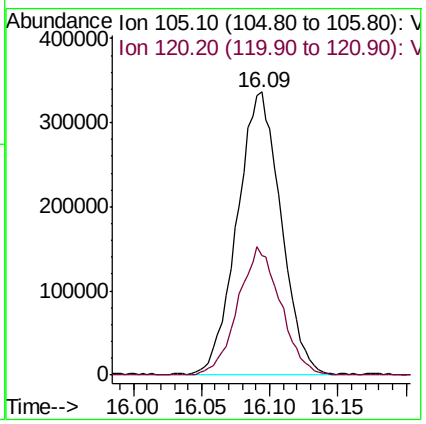


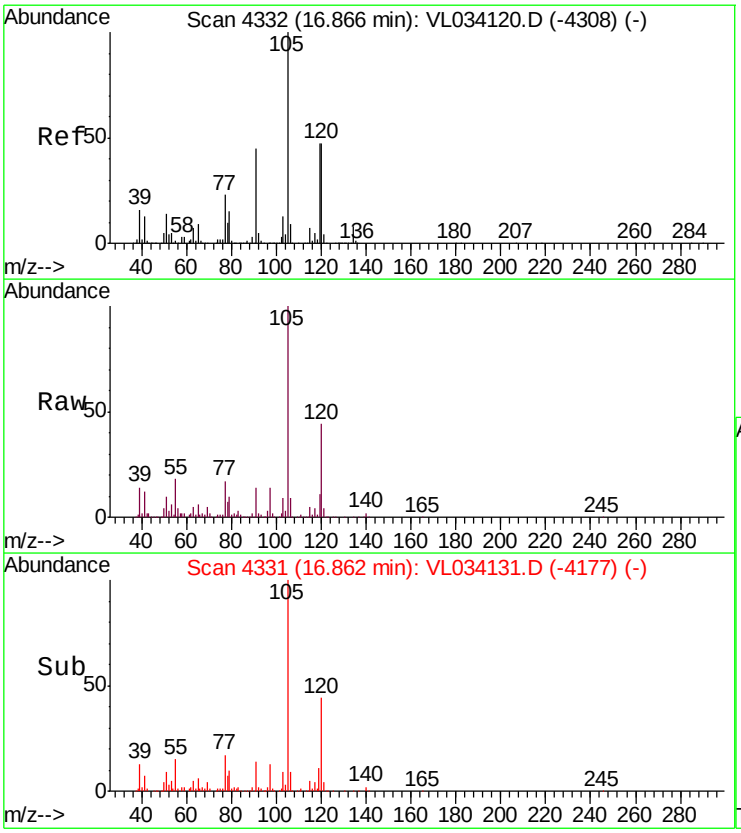
#73
1,3,5-Trimethylbenzene
Concen: 3.039 ppbv
RT: 16.09 min Scan# 4092
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:105 Resp: 747585

Ion	Ratio	Lower	Upper
105	100		
120	42.2	35.8	53.8

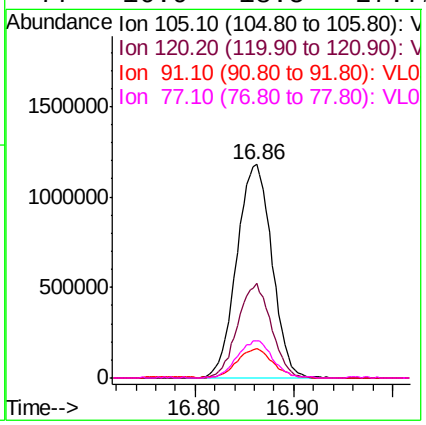


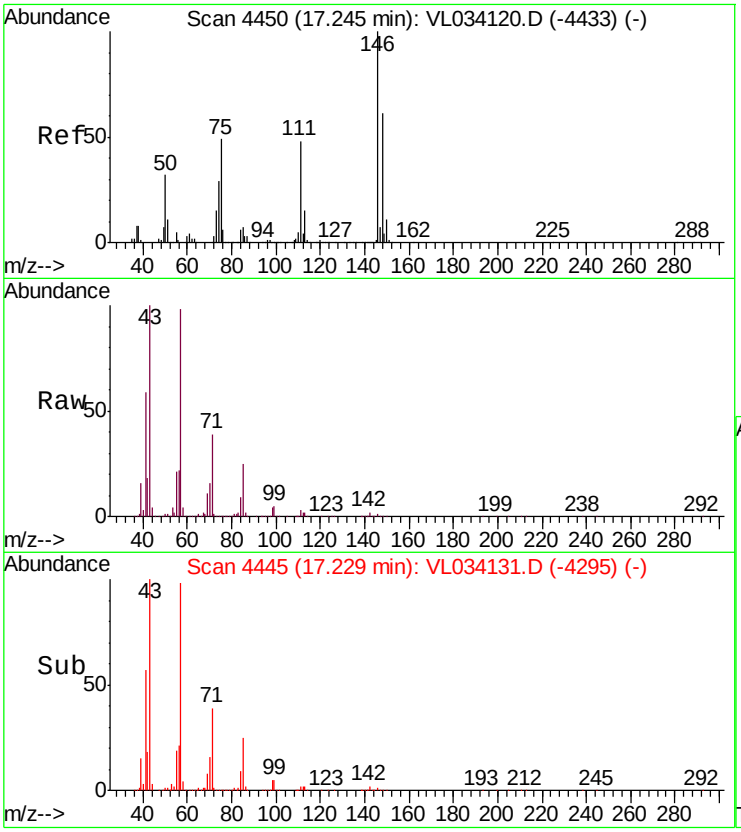


#74
1,2,4-Trimethylbenzene
Concen: 11.487 ppbv
RT: 16.86 min Scan# 4331
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:105 Resp: 2909668

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.7	56.5
91	13.9	36.2	54.2#
77	16.9	18.5	27.7#



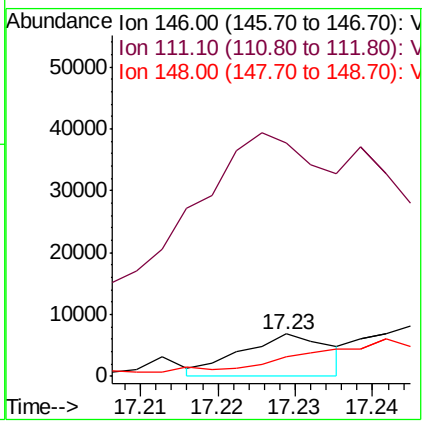


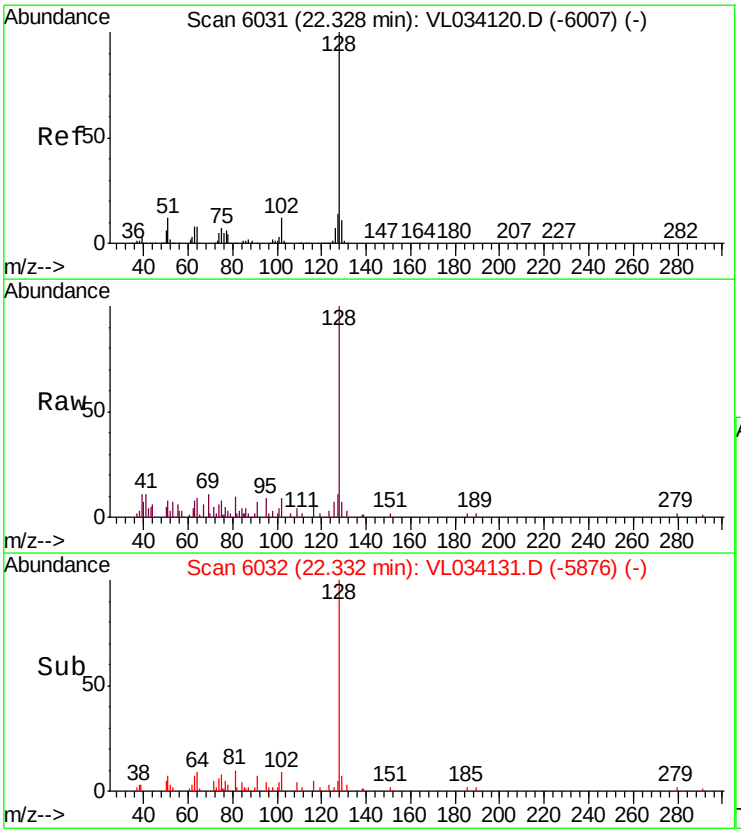
#76
1,4-Dichlorobenzene
Concen: 0.039 ppbv
RT: 17.23 min Scan# 4445
Delta R.T. -0.02 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:146 Resp: 5450

Ion	Ratio	Lower	Upper
146	100		
111	1771.8	24.3	72.8#
148	0.0	32.6	98.0#

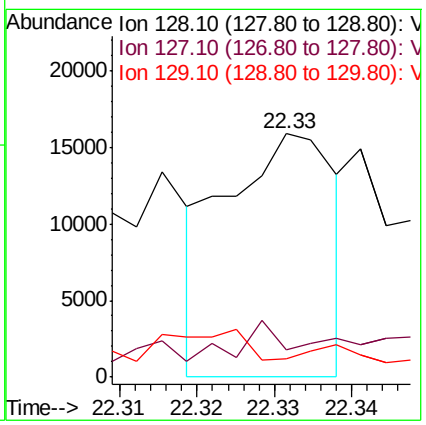


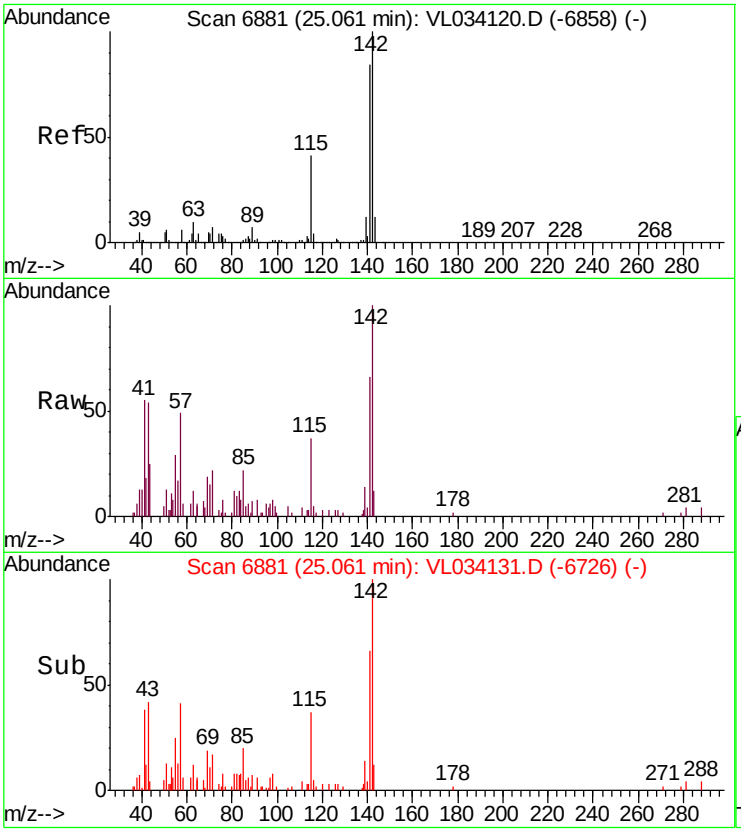


#79
Naphthalene
Concen: 0.068 ppbv
RT: 22.33 min Scan# 6032
Delta R.T. 0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Tgt Ion:128 Resp: 15685

Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.9	16.3
129	0.0	8.5	12.7#





#80
Naphthalene,2-methyl-
Concen: 0.264 ppbv
RT: 25.06 min Scan# 6881
Delta R.T. -0.00 min
Lab File: VL034131.D
Acq: 5 Sep 2019 11:32

Instrument :
MSVOA_L
ClientSampleId :
AMBIENT

Tgt Ion:142 Resp: 20979

Ion	Ratio	Lower	Upper
142	100		
141	79.2	67.6	101.4
115	45.5	34.6	52.0