Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034324.D
Acq On : 17 Oct 2019 20:03
Operator : SY/AP
Sample : K5409-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Quant Time: Oct 18 04:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.70	49	1067767	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.22	114	2149507	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.17	117	2197565	10.00	ppbv		0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.50	95	1858490	9.99	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	40045	0.218	ppbv		96
3) Chlorodifluoromethane	2.97	51	59251	0.473	ppbv	#	82
4) Chloromethane	3.12	50	83563	1.129	ppbv		98
5) Vinyl Chloride	3.24	62	18007	0.255	ppbv	#	88
7) Chloroethane	3.55	64	770	0.031	ppbv	#	16
9) Propene	2.99	41	1538243	27.726	ppbv		97
10) Heptane	8.17	43	195290	1.371	ppbv		98
11) Trichlorofluoromethane	3.94	101	39605	0.227	ppbv		89
13) Ethanol	3.60	45	92484	7.445	ppbv		94
15) Acetone	3.84	43	8325468	54.512	ppbv	#	64
16) 1,3-Butadiene	3.29	39	1766827	28.472	ppbv	#	20
17) tert-Butyl alcohol	4.30	59	98821	1.014	ppbv		97
19) Isopropyl Alcohol	3.97	45	104640	1.228	ppbv	#	95
20) Methylene Chloride	4.35	84	136354	2.470	ppbv		94
21) Allyl Chloride	4.40	41	5808	0.069	ppbv	#	1
22) trans-1,2-Dichloroethene	4.90	96	26361	0.527	ppbv	#	92
23) Vinyl Acetate	5.08	43	294500	1.544	ppbv	#	68
25) Ethyl Acetate	5.70	43	108771	0.422	ppbv	#	85
26) Hexane	5.71	57	242624	2.208	ppbv	#	40
27) Carbon Disulfide	4.56	76	521533	4.571	ppbv		98
29) Chloroform	5.79	83	112411	0.647	ppbv		91
30) Cyclohexane	7.18	84	17934	0.222	ppbv	#	1
31) cis-1,2-Dichloroethene	5.58	61	999634	8.962	ppbv		96
34) 2-Butanone	5.26	43	1283557	7.306	ppbv		99
36) Benzene	6.93	78	460048	2.231	ppbv	#	90
38) Trichloroethene	7.88	130	710853	8.589	ppbv		96
39) 1,2-Dichloropropane	7.21	63	619691	6.978	ppbv	#	22
41) Tetrahydrofuran	6.08	42	5962	0.061	ppbv	#	40
43) Methyl Methacrylate	8.06	69	2685	0.031	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.92	57	117598	0.308	ppbv	#	33
50) 4-Methyl-2-Pentanone	8.80	43	115937	0.461	ppbv		97
51) 2-Hexanone	10.20	43	260660	1.264	ppbv	#	99
52) Tetrachloroethene	11.34	164	18261602	225.897	ppbv		92
53) Toluene	9.86	91	1703789	7.486	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.20	131	3043	0.030	ppbv	#	1
58) Ethyl Benzene	12.79	91	552567	1.799	ppbv		98
59) m/p-Xylene	13.04	91	1601135	6.016	ppbv		99
60) o-Xylene	13.77	91	594631	2.244	ppbv		100
61) Styrene	13.62	104	13323	0.071	ppbv	#	24
62) Isopropylbenzene	14.75	105	17854	0.051	ppbv	#	49
64) n-propylbenzene	15.64	120	26449	0.295	ppbv	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034324.D
Acq On : 17 Oct 2019 20:03
Operator : SY/AP
Sample : K5409-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Quant Time: Oct 18 04:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
65) tert-Butylbenzene	16.84	119	23043	0.074	ppbv	#	14
70) n-Butylbenzene	18.66	91	80054	0.207	ppbv	#	62
71) 2-Chlorotoluene	15.40	91	17878	0.066	ppbv		89
72) 4-Ethyltoluene	15.92	105	207035	0.695	ppbv		97
73) 1,3,5-Trimethylbenzene	16.08	105	131666	0.446	ppbv		99
74) 1,2,4-Trimethylbenzene	16.85	105	432483	1.405	ppbv	#	69

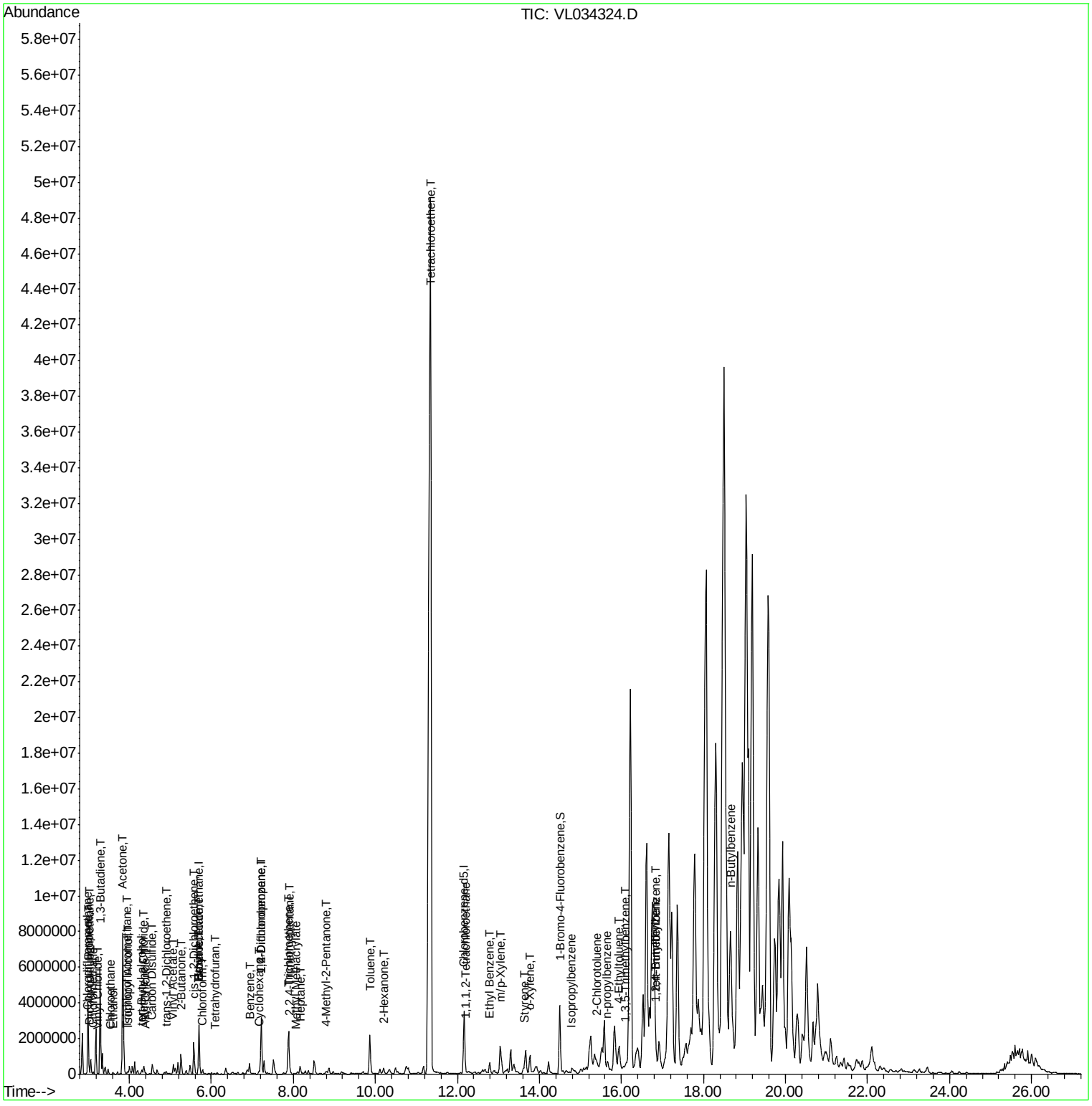
(#) = qualifier out of range (m) = manual integration (+) = signals summed

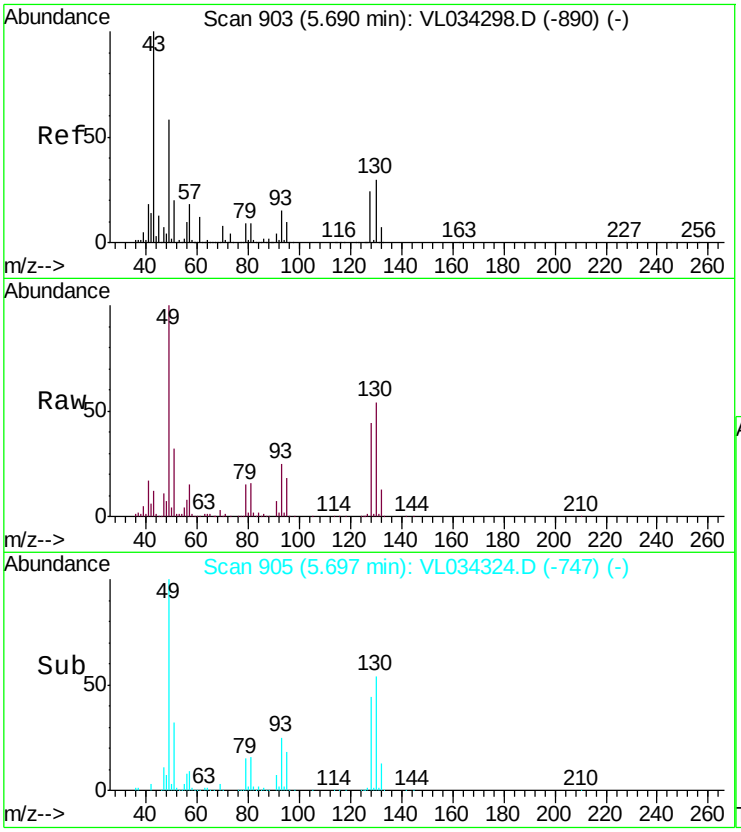
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101719\
Data File : VL034324.D
Acq On : 17 Oct 2019 20:03
Operator : SY/AP
Sample : K5409-01DUP
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Quant Time: Oct 18 04:34:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101619AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



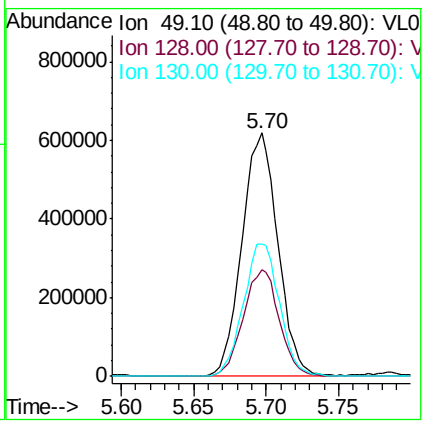


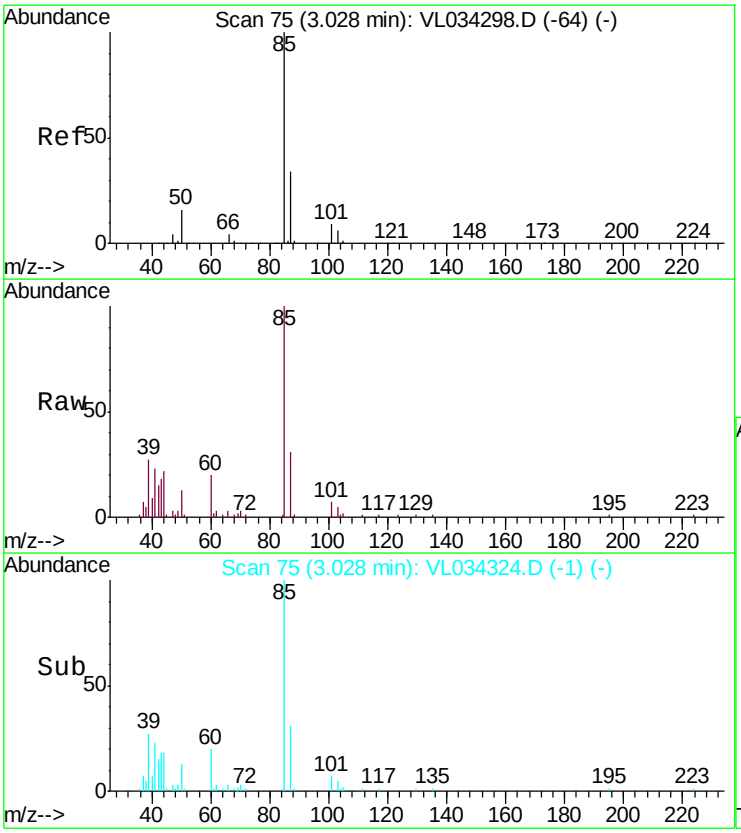
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 49 Resp: 1067767

Ion	Ratio	Lower	Upper
49	100		
128	44.2	20.6	61.8
130	55.1	26.2	78.5

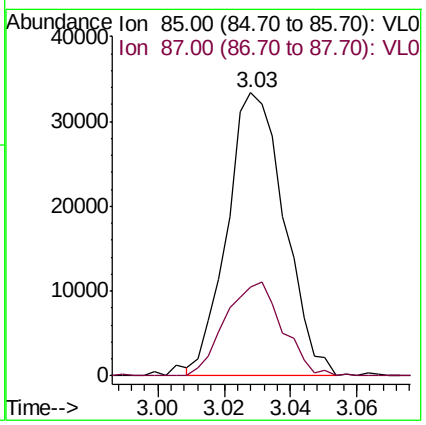


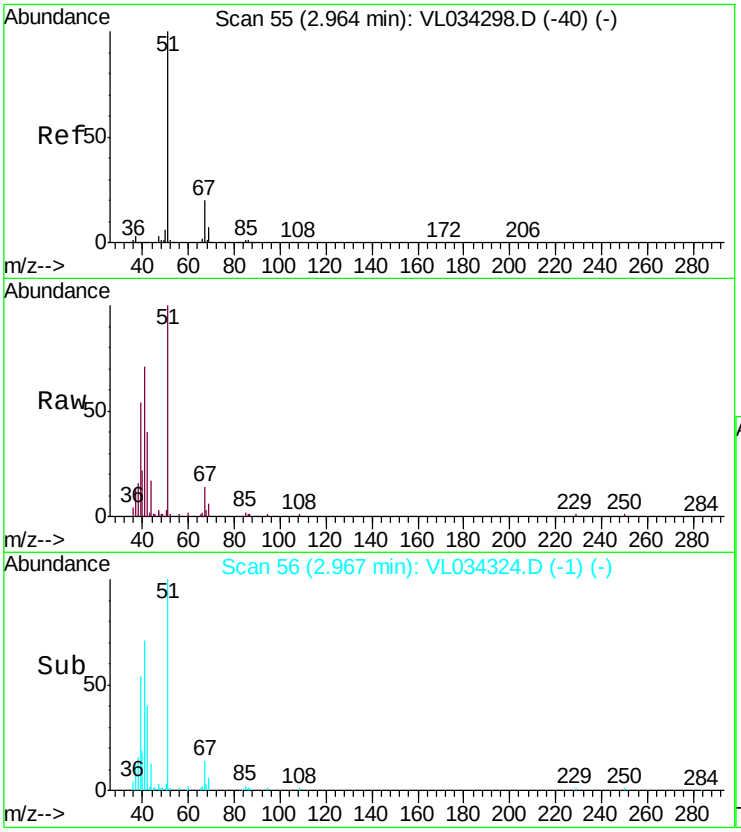


#2
Dichlorodifluoromethane
Concen: 0.218 ppbv
RT: 3.03 min Scan# 75
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 85 Resp: 40045

Ion	Ratio	Lower	Upper
85	100		
87	31.4	27.0	40.6



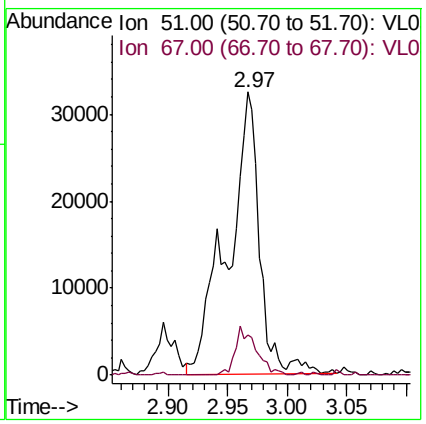


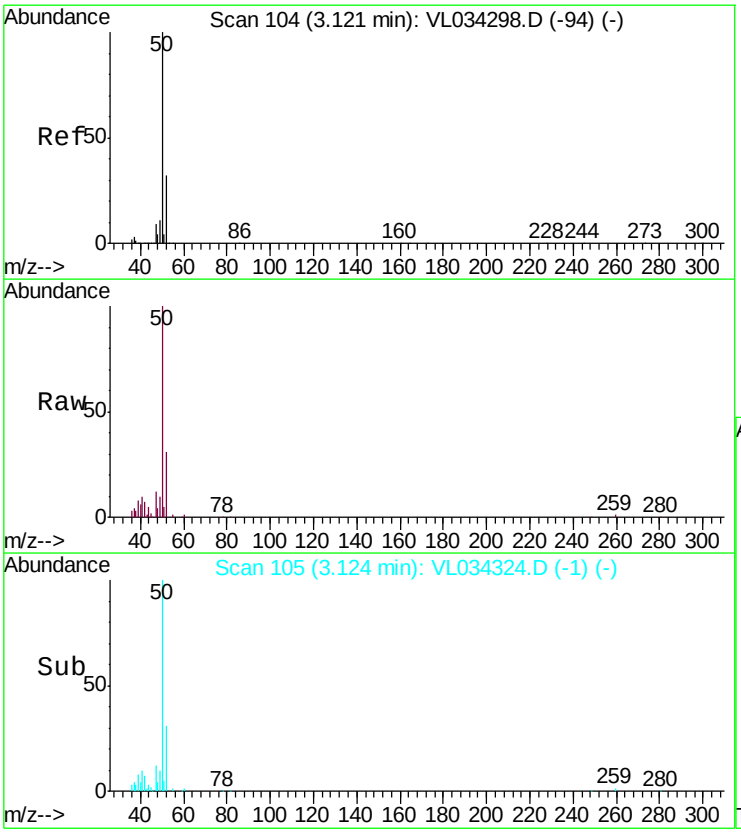
#3
Chlorodifluoromethane
Concen: 0.473 ppbv
RT: 2.97 min Scan# 56
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 51 Resp: 59251

Ion	Ratio	Lower	Upper
51	100		
67	11.6	15.8	23.8#

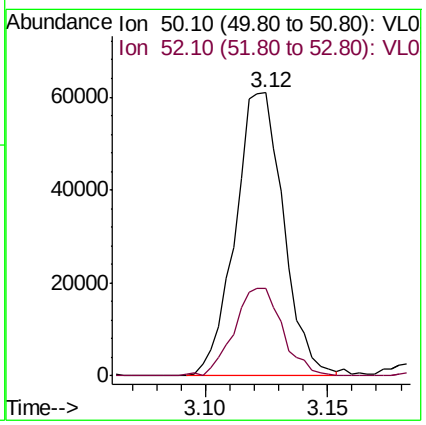


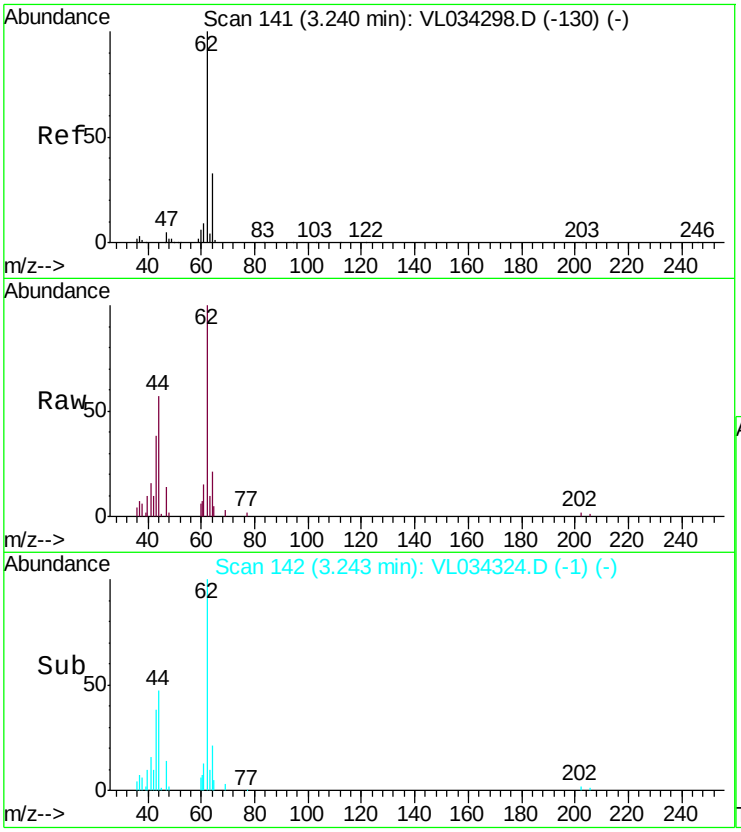


#4
Chloromethane
Concen: 1.129 ppbv
RT: 3.12 min Scan# 105
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 50 Resp: 83563

Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.4	38.2



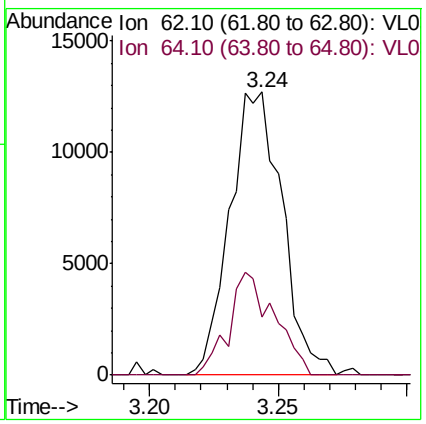


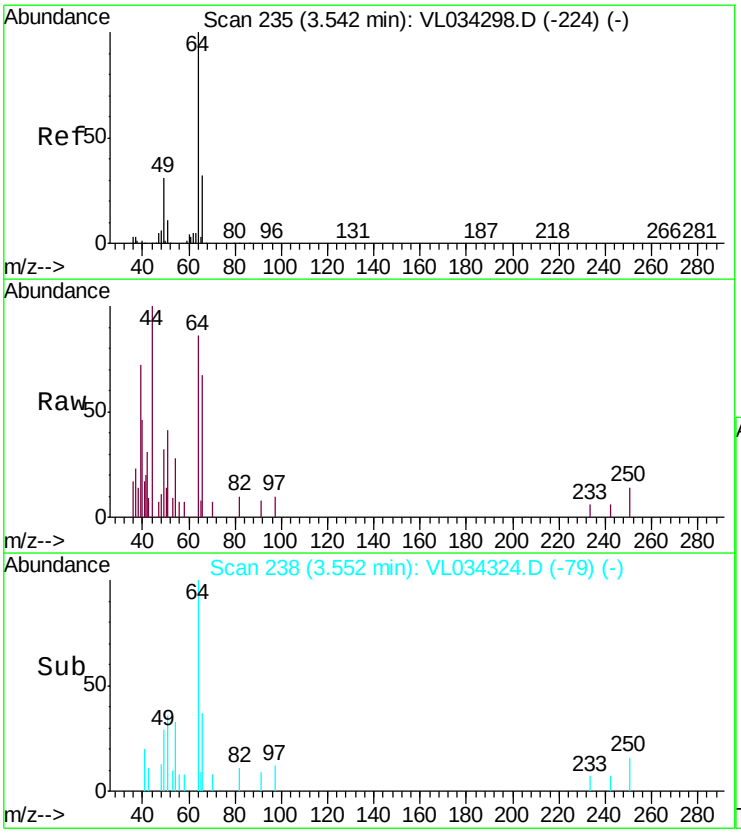
#5
Vinyl Chloride
Concen: 0.255 ppbv
RT: 3.24 min Scan# 142
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 62 Resp: 18007

Ion	Ratio	Lower	Upper
62	100		
64	25.6	26.0	39.0#

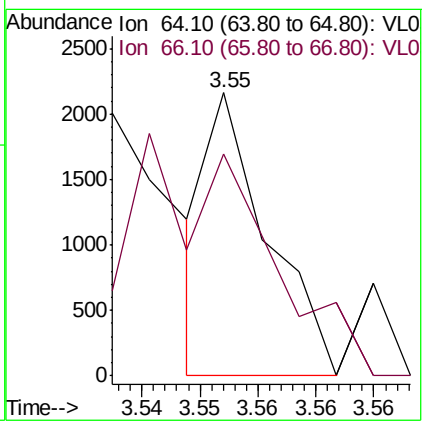


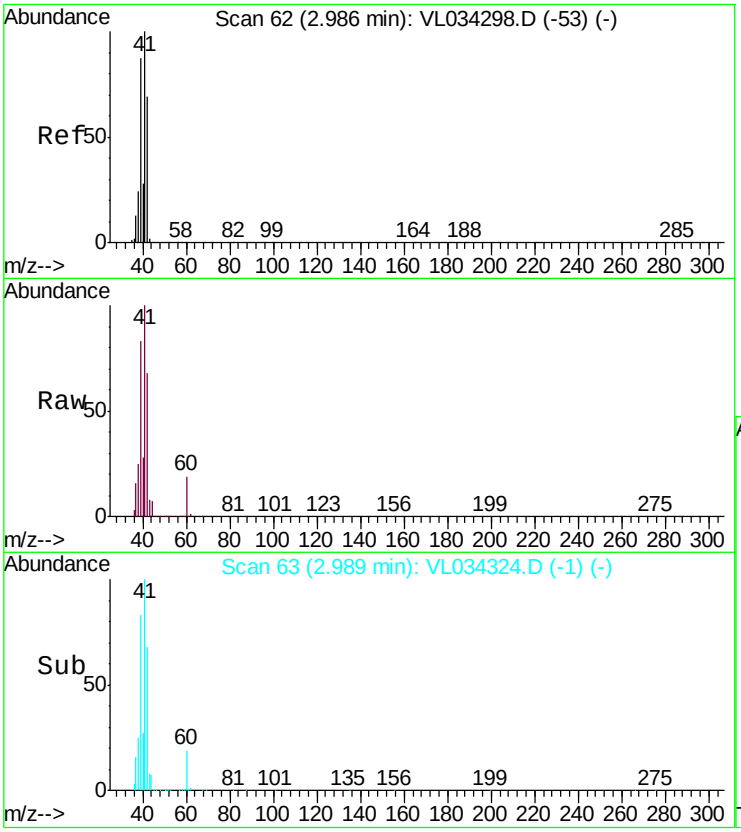


#7
Chloroethane
Concen: 0.031 ppbv
RT: 3.55 min Scan# 238
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 64 Resp: 770

Ion	Ratio	Lower	Upper
64	100		
66	78.3	25.4	38.0#



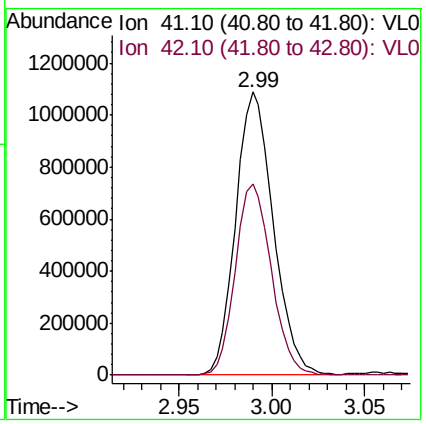


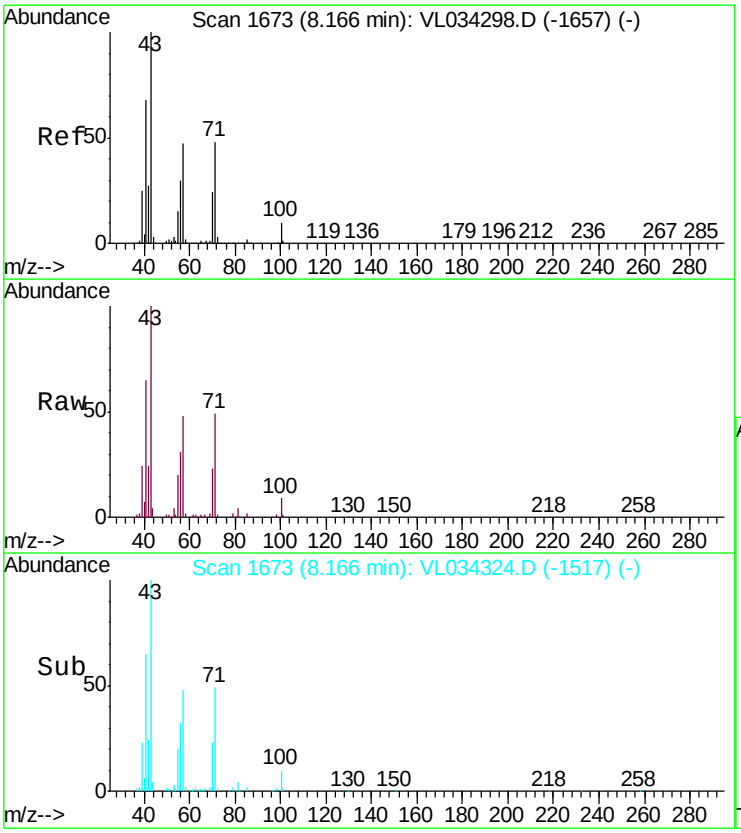
#9
Propene
Concen: 27.726 ppbv
RT: 2.99 min Scan# 63
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 41 Resp: 1538243

Ion	Ratio	Lower	Upper
41	100		
42	64.8	53.9	80.9

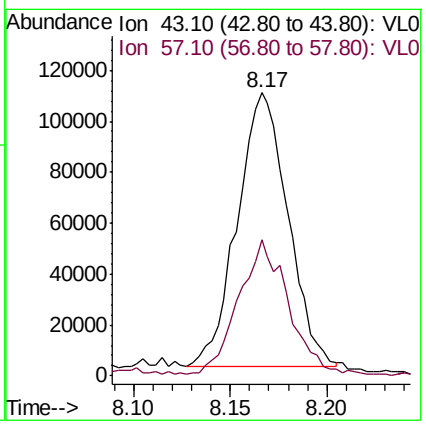


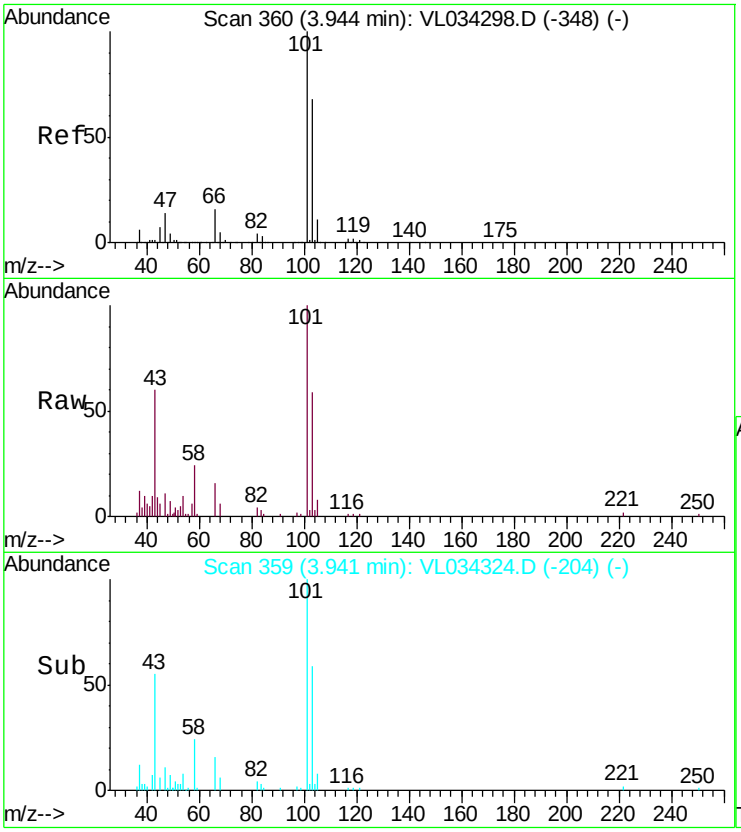


#10
Heptane
Concen: 1.371 ppbv
RT: 8.17 min Scan# 1673
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 43 Resp: 195290

Ion	Ratio	Lower	Upper
43	100		
57	50.7	39.5	59.3



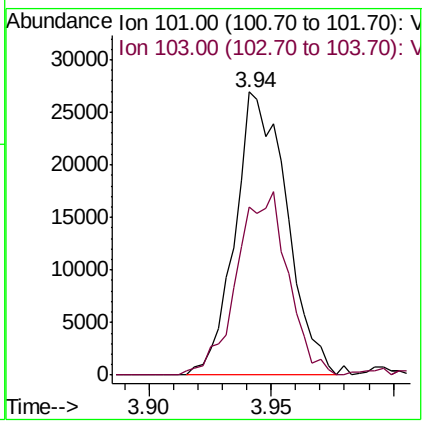


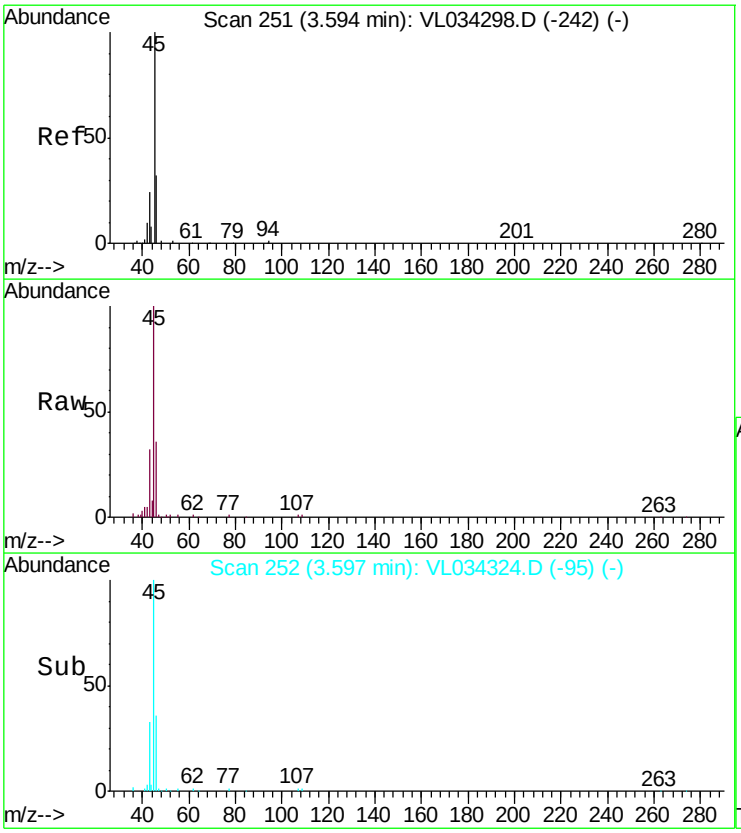
#11
Trichlorofluoromethane
Concen: 0.227 ppbv
RT: 3.94 min Scan# 359
Delta R.T. -0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:101 Resp: 39605

Ion	Ratio	Lower	Upper
101	100		
103	59.3	54.5	81.7

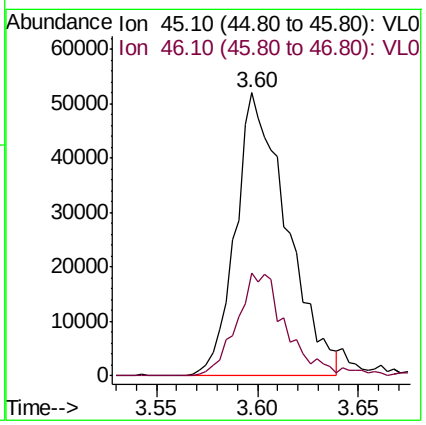


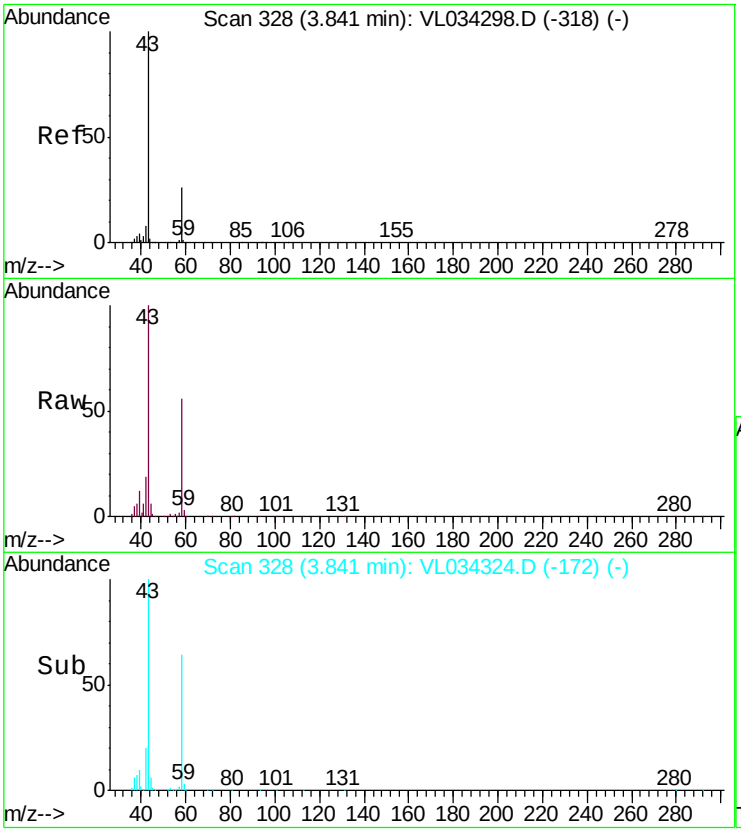


#13
Ethanol
Concen: 7.445 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 45 Resp: 92484

Ion	Ratio	Lower	Upper
45	100		
46	36.1	15.8	63.2



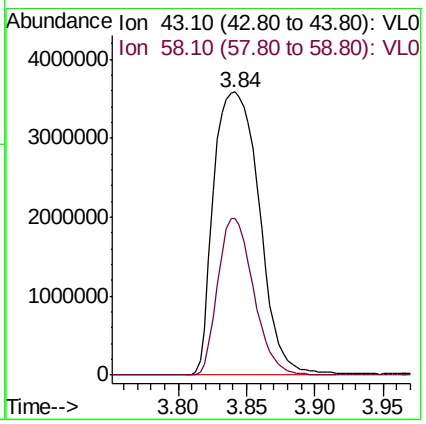


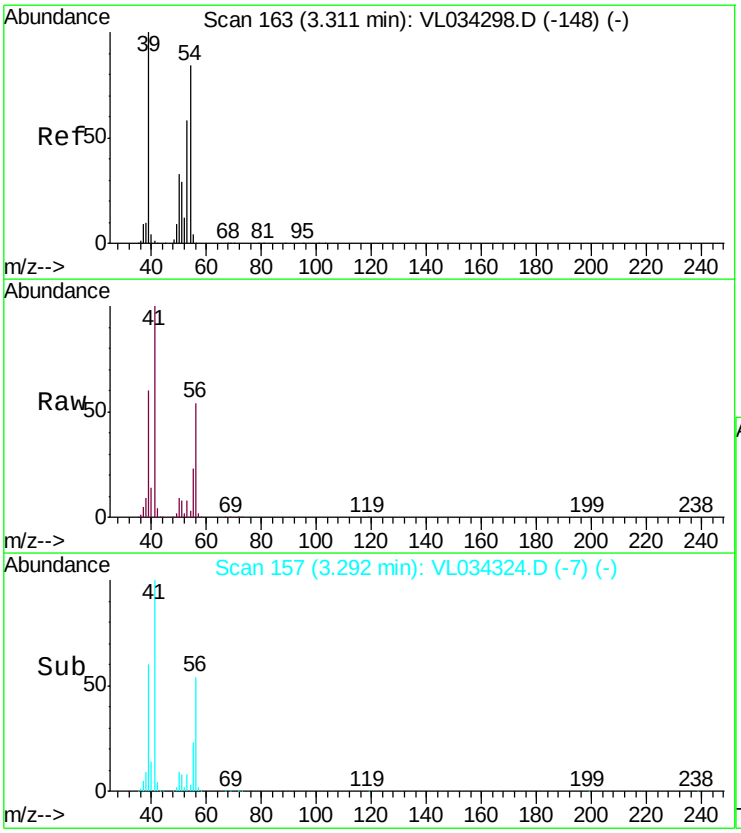
#15
Acetone
Concen: 54.512 ppbv
RT: 3.84 min Scan# 328
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 43 Resp: 8325468

Ion	Ratio	Lower	Upper
43	100		
58	43.6	20.4	30.6#

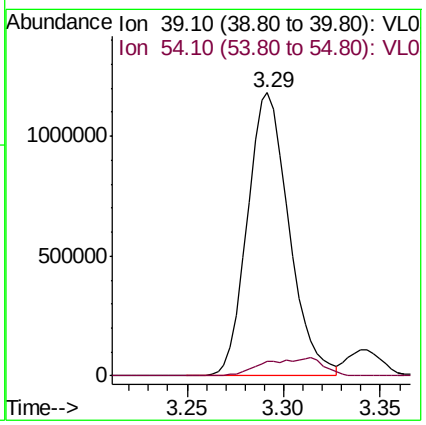


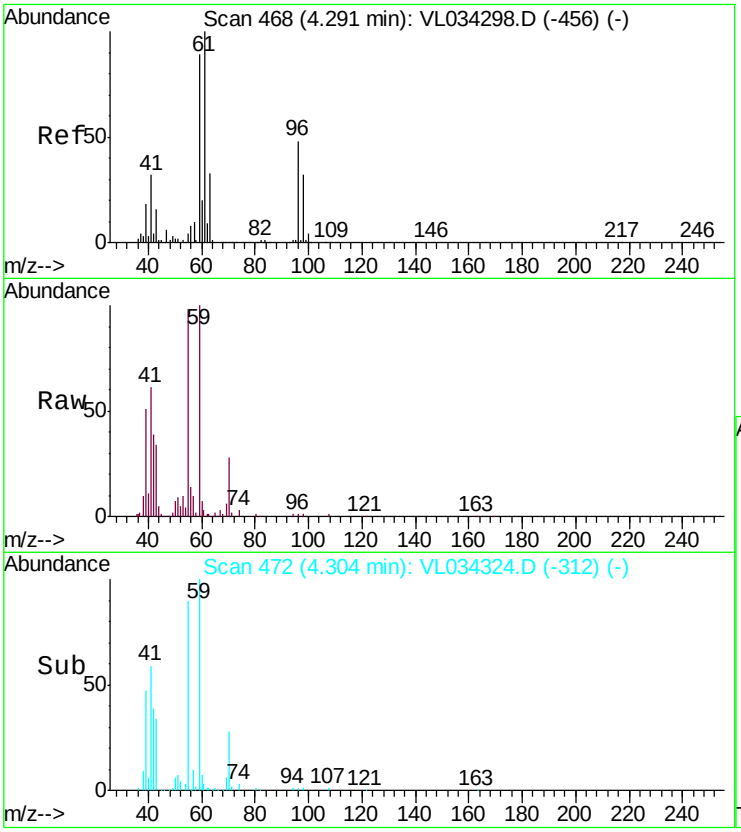


#16
1,3-Butadiene
Concen: 28.472 ppbv
RT: 3.29 min Scan# 157
Delta R.T. -0.02 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 39 Resp: 1766827

Ion	Ratio	Lower	Upper
39	100		
54	9.3	63.9	95.9#



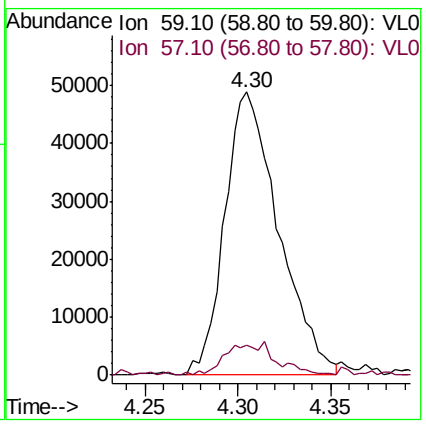


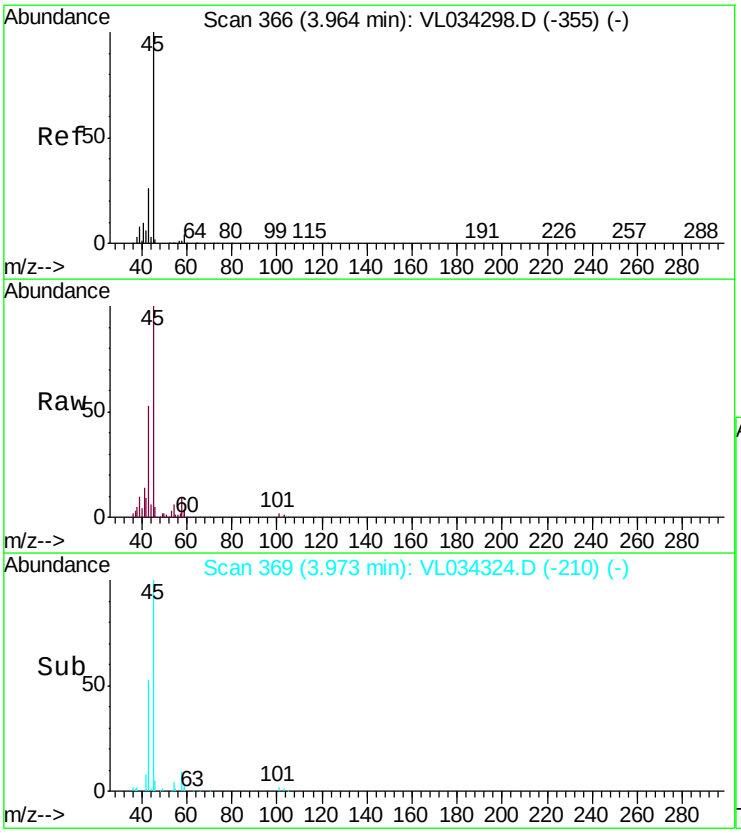
#17
tert-Butyl alcohol
Concen: 1.014 ppbv
RT: 4.30 min Scan# 472
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 59 Resp: 98821

Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.8	13.2

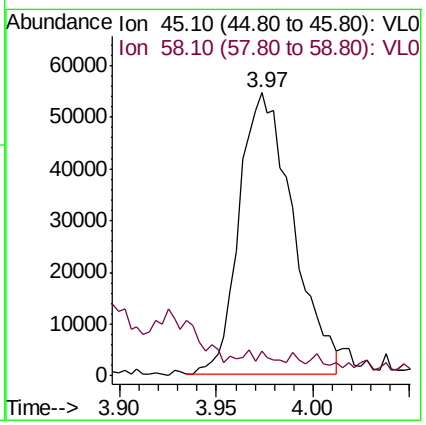


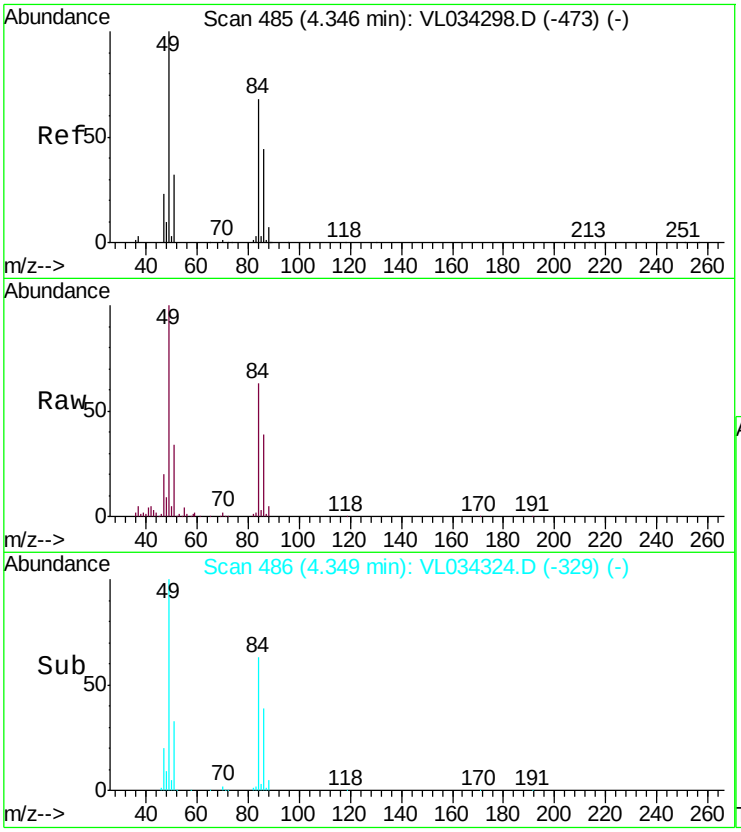


#19
Isopropyl Alcohol
Concen: 1.228 ppbv
RT: 3.97 min Scan# 369
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 45 Resp: 104640

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.4	2.2#



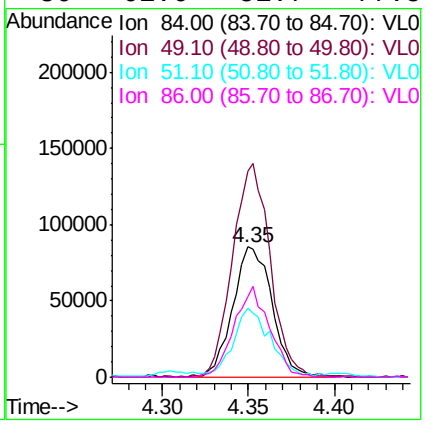


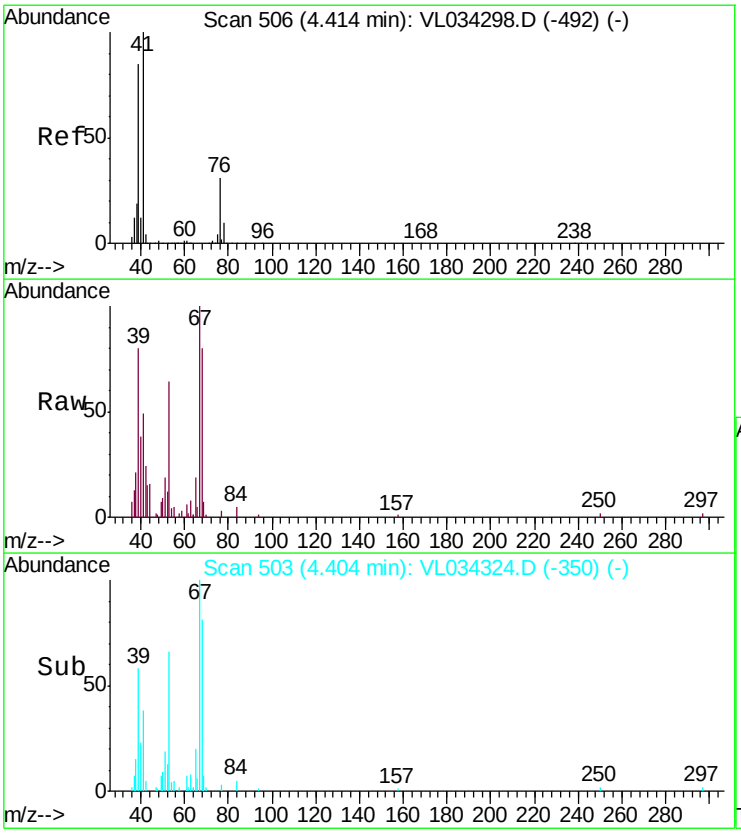
#20
Methylene Chloride
Concen: 2.470 ppbv
RT: 4.35 min Scan# 486
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion: 84 Resp: 136354

Ion	Ratio	Lower	Upper
84	100		
49	157.3	118.5	177.7
51	50.6	38.8	58.2
86	61.6	51.7	77.5

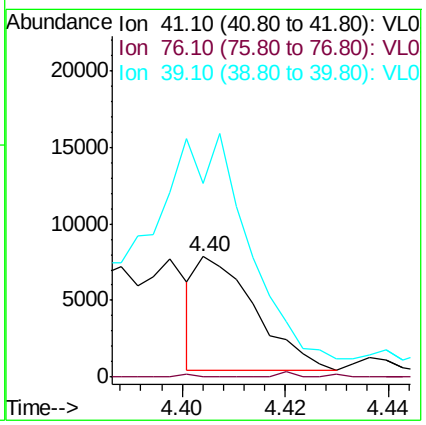


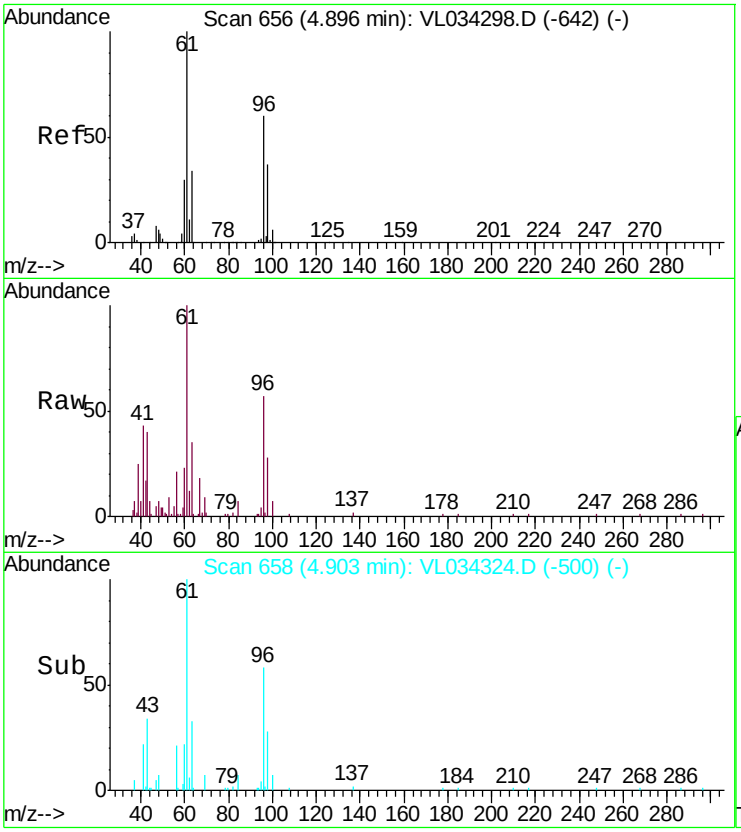


#21
Allyl Chloride
Concen: 0.069 ppbv
RT: 4.40 min Scan# 503
Delta R.T. -0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 41 Resp: 5808

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.8	34.2#
39	296.3	66.0	99.0#



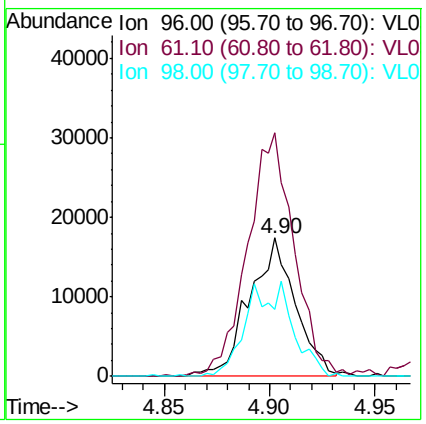


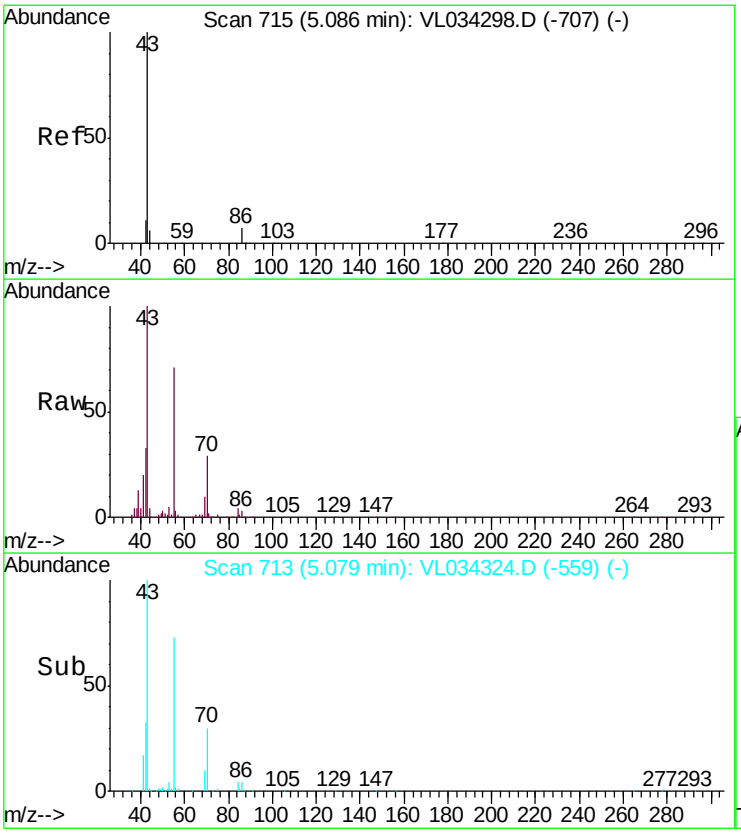
#22
trans-1,2-Dichloroethene
Concen: 0.527 ppbv
RT: 4.90 min Scan# 658
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 96 Resp: 26361

Ion	Ratio	Lower	Upper
96	100		
61	174.3	133.8	200.6
98	48.7	49.4	74.0#

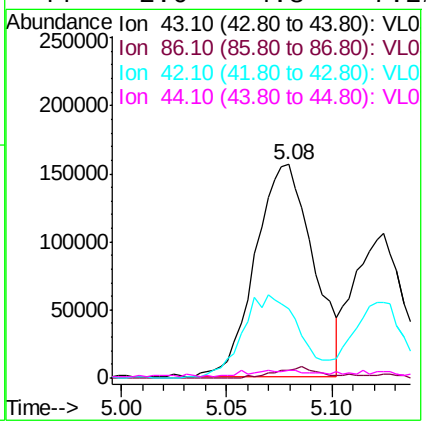


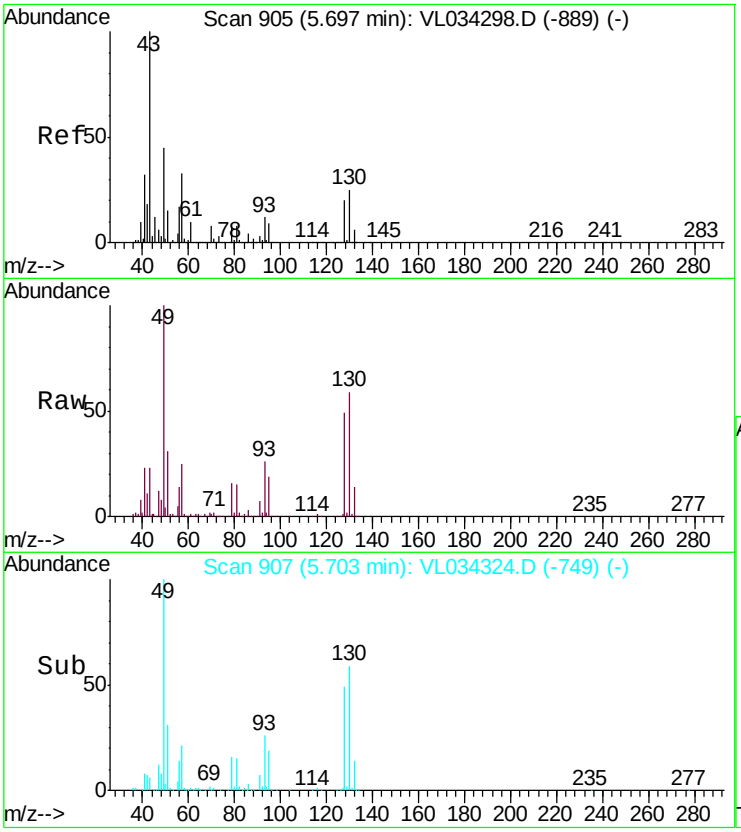


#23
Vinyl Acetate
Concen: 1.544 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 43 Resp: 294500

Ion	Ratio	Lower	Upper
43	100		
86	3.3	5.0	7.4#
42	32.1	8.6	13.0#
44	2.0	4.8	7.2#



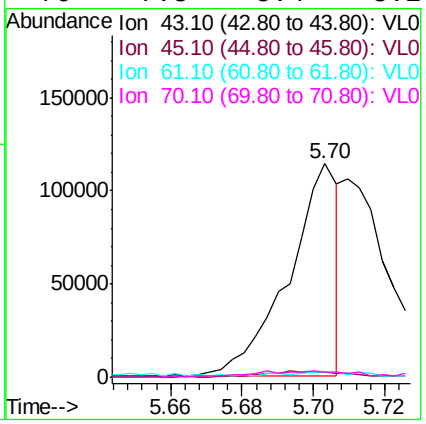


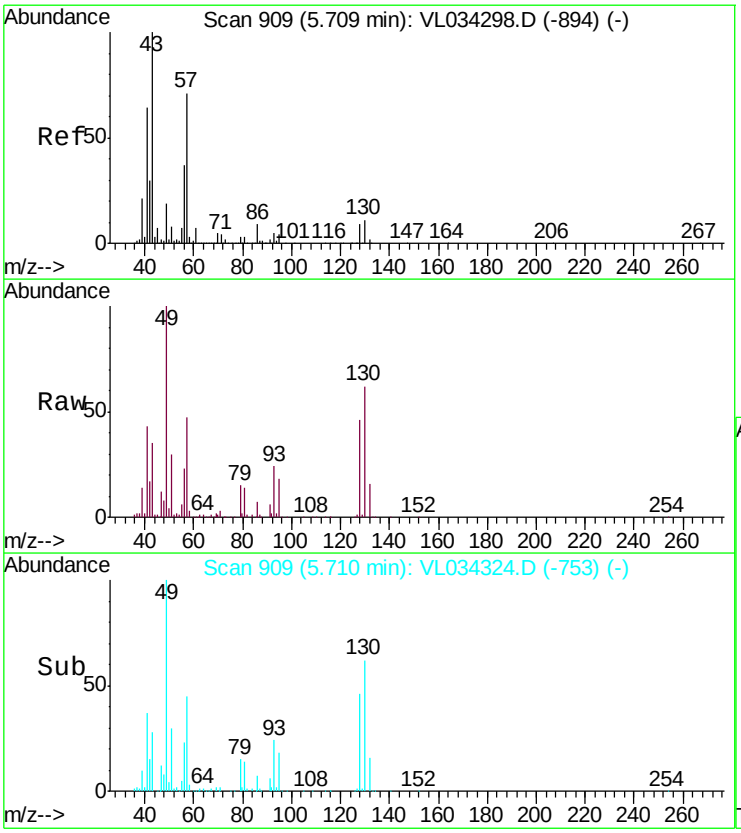
#25
Ethyl Acetate
Concen: 0.422 ppbv
RT: 5.70 min Scan# 907
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion: 43 Resp: 108771

Ion	Ratio	Lower	Upper
43	100		
45	5.8	8.3	12.5#
61	0.0	7.7	11.5#
70	7.3	5.4	8.2

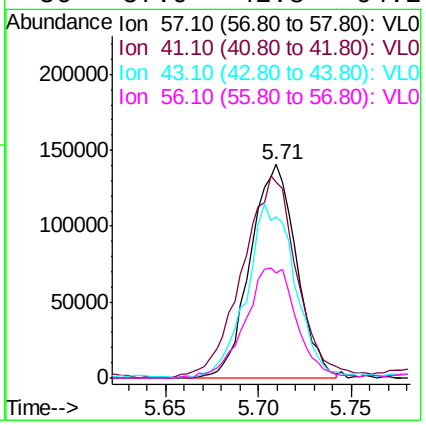


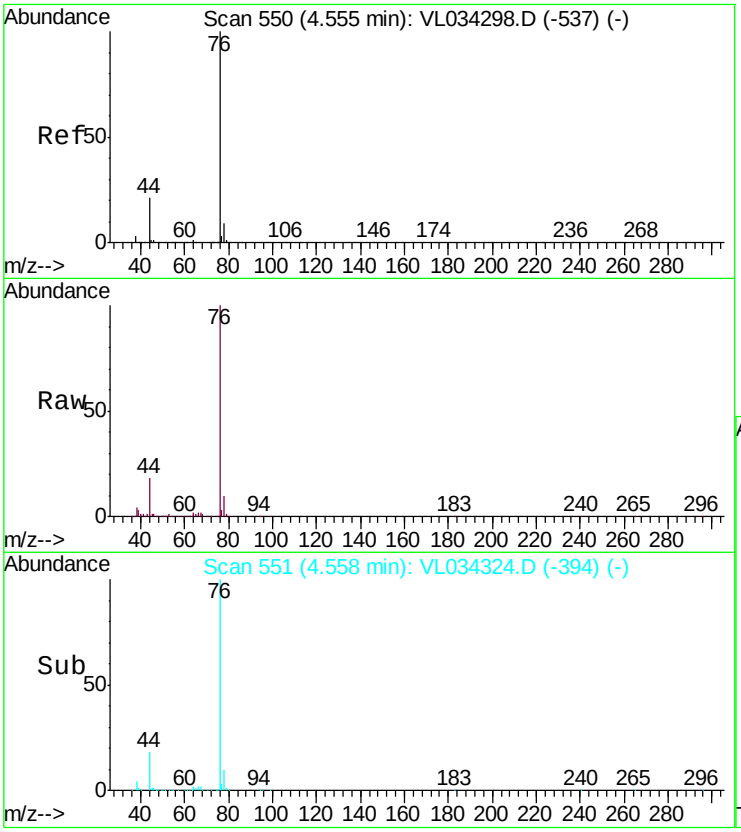


#26
Hexane
Concen: 2.208 ppbv
RT: 5.71 min Scan# 909
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 57 Resp: 242624

Ion	Ratio	Lower	Upper
57	100		
41	111.2	76.5	114.7
43	85.2	188.5	282.7#
56	57.9	42.8	64.2



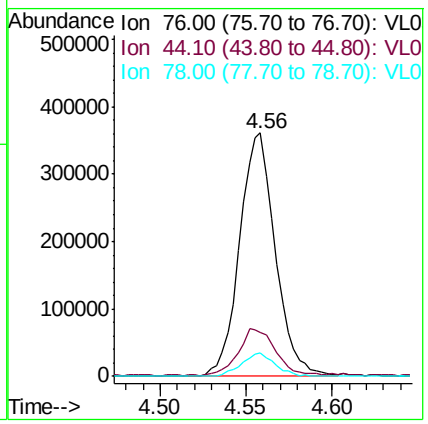


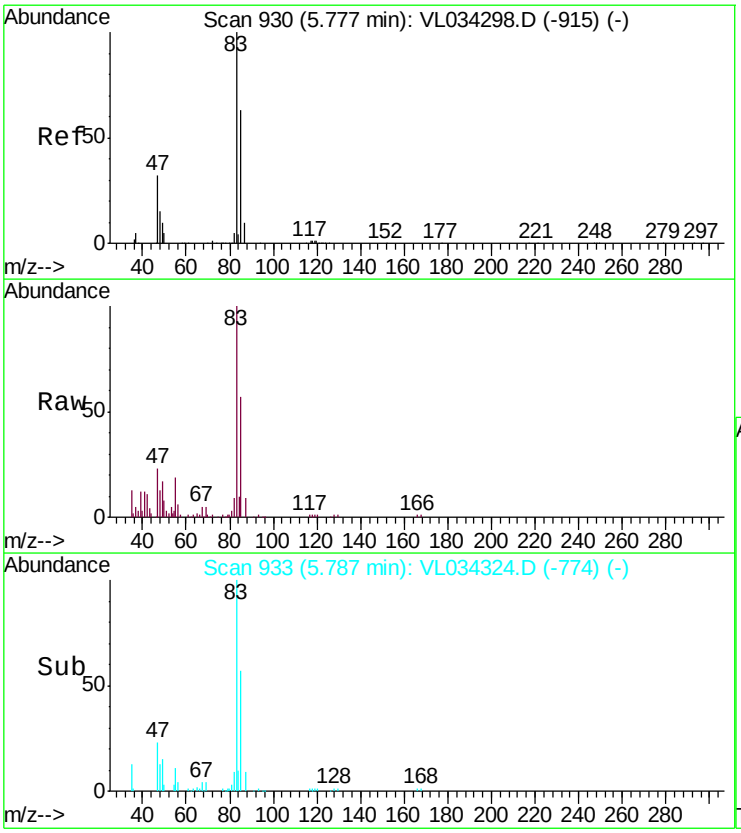
#27
Carbon Disulfide
Concen: 4.571 ppbv
RT: 4.56 min Scan# 551
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion: 76 Resp: 521533

Ion	Ratio	Lower	Upper
76	100		
44	20.5	17.3	25.9
78	9.4	7.8	11.6

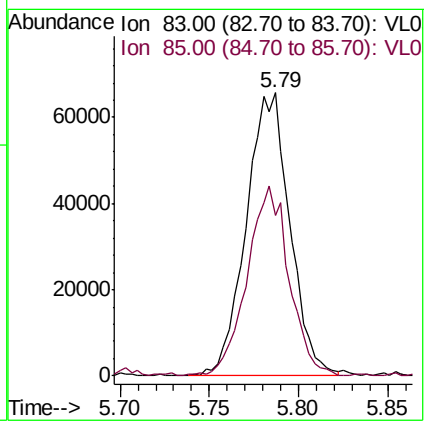


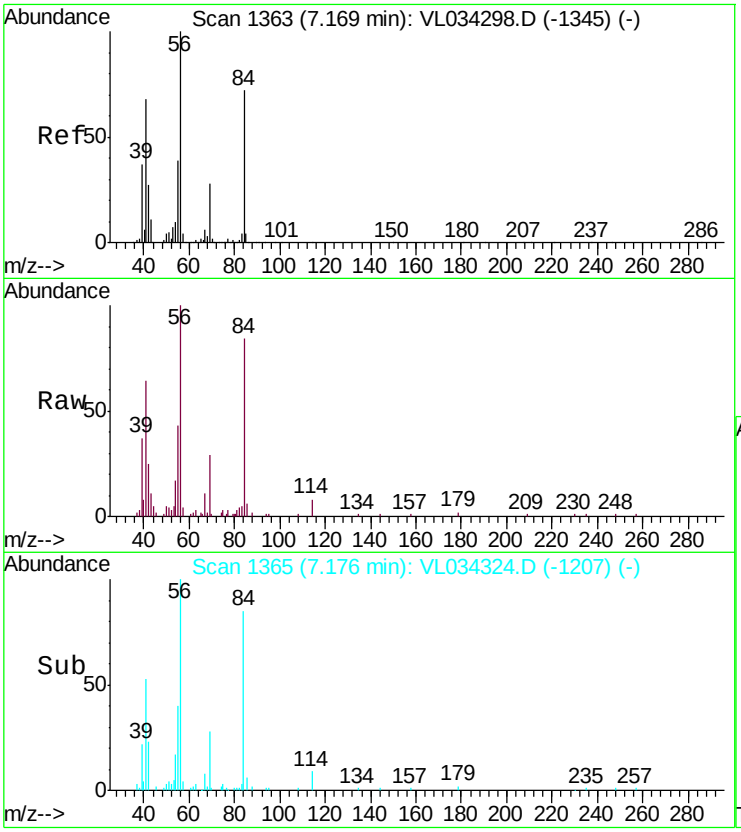


#29
Chloroform
Concen: 0.647 ppbv
RT: 5.79 min Scan# 933
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 83 Resp: 112411

Ion	Ratio	Lower	Upper
83	100		
85	56.3	50.5	75.7



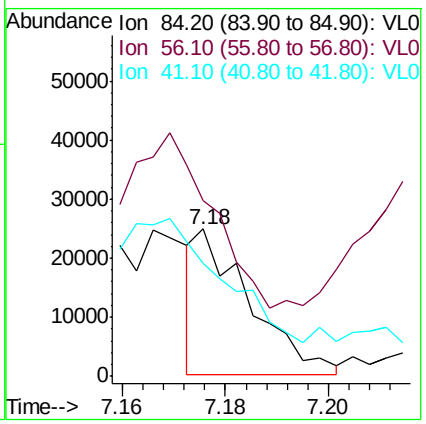


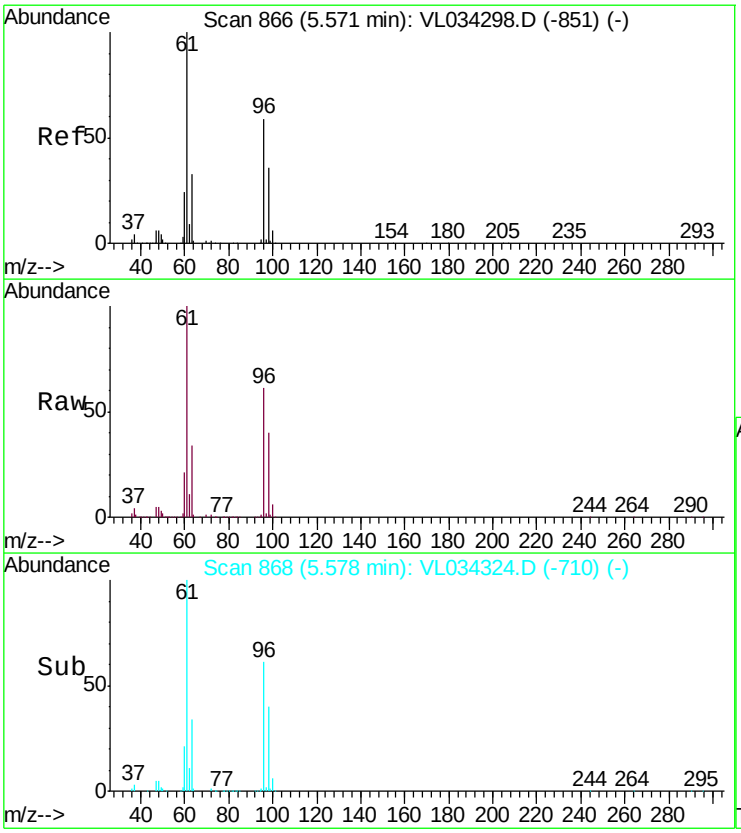
#30
Cyclohexane
Concen: 0.222 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 84 Resp: 17934

Ion	Ratio	Lower	Upper
84	100		
56	0.0	119.4	179.0#
41	0.0	78.7	118.1#

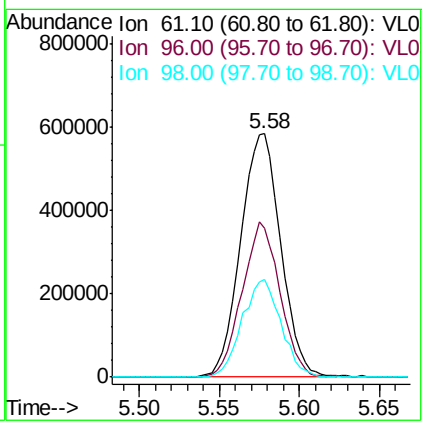


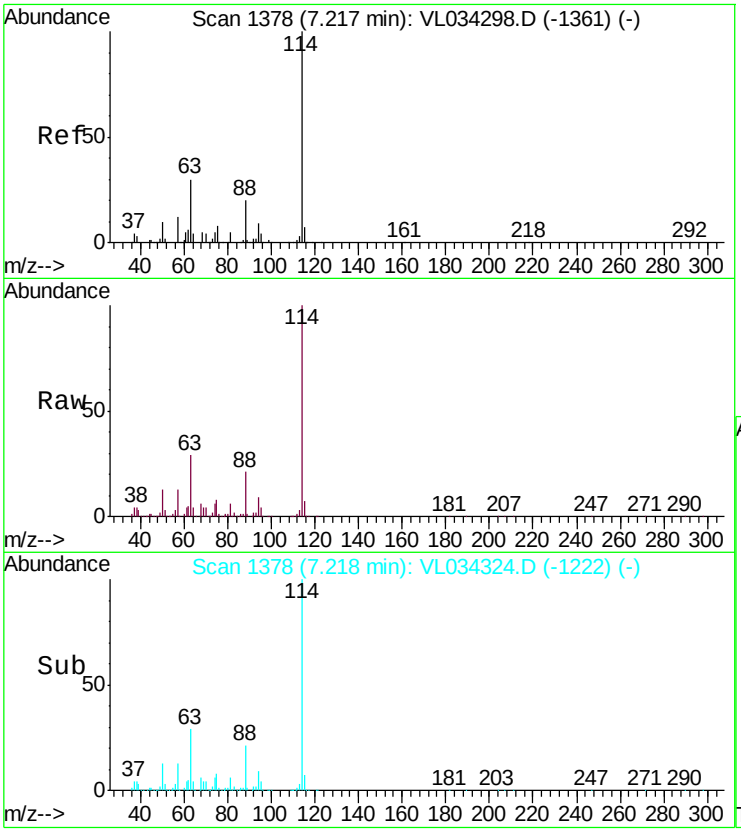


#31
cis-1,2-Dichloroethene
Concen: 8.962 ppbv
RT: 5.58 min Scan# 868
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 61 Resp: 999634

Ion	Ratio	Lower	Upper
61	100		
96	61.0	47.5	71.3
98	39.9	28.8	43.2



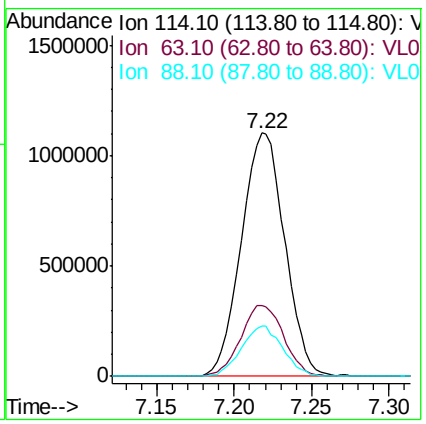


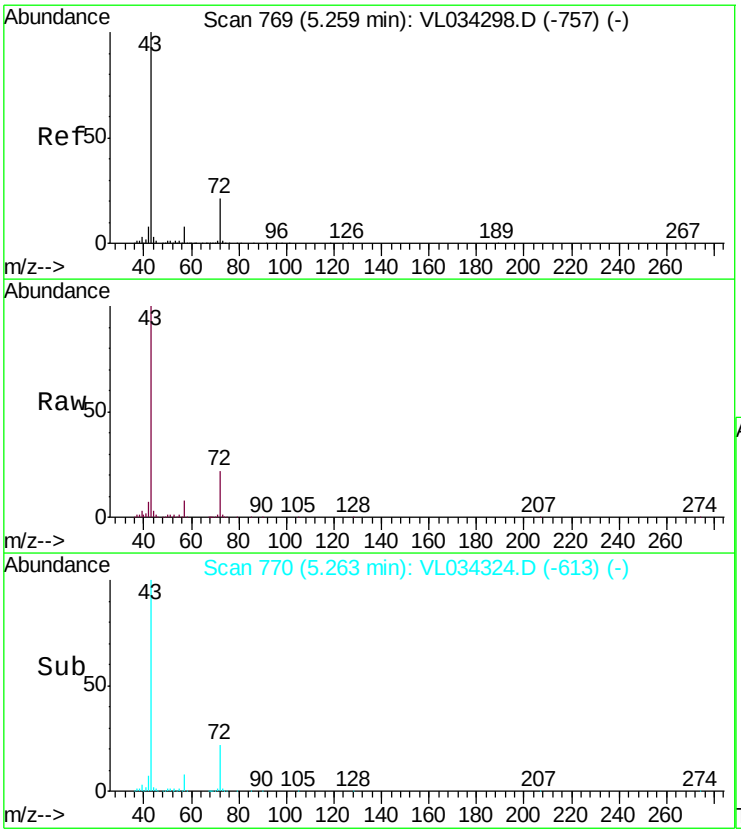
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.22 min Scan# 1378
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:114 Resp: 2149507

Ion	Ratio	Lower	Upper
114	100		
63	29.1	25.2	37.8
88	19.9	16.0	24.0

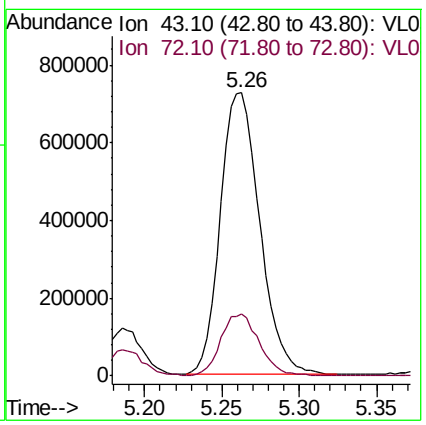


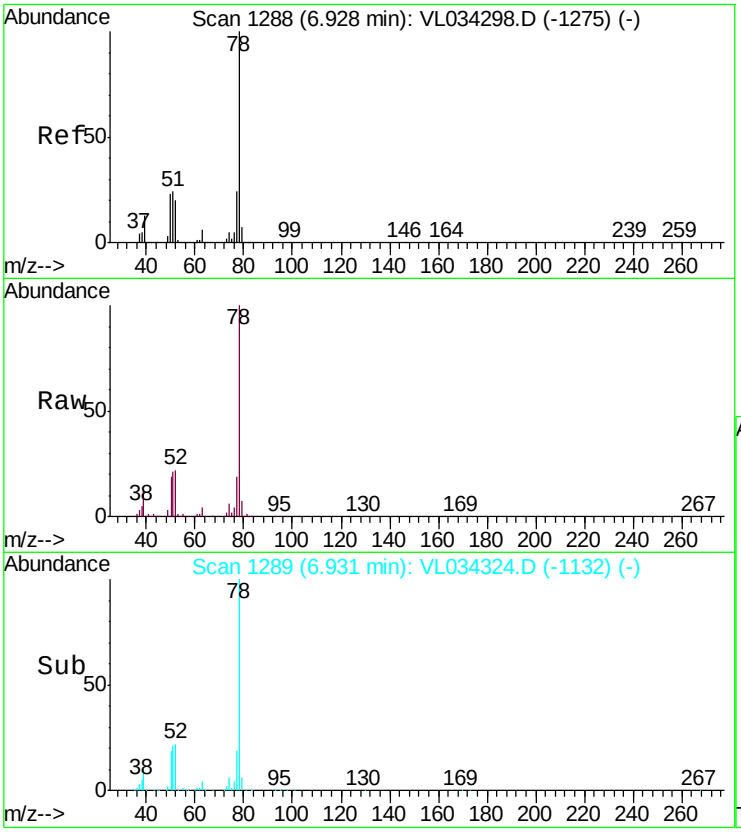


#34
2-Butanone
Concen: 7.306 ppbv
RT: 5.26 min Scan# 770
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 43 Resp: 1283557

Ion	Ratio	Lower	Upper
43	100		
72	21.1	16.3	24.5



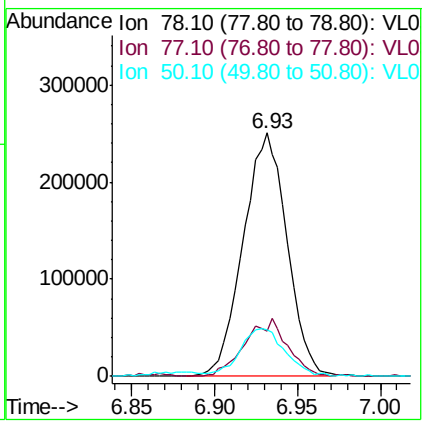


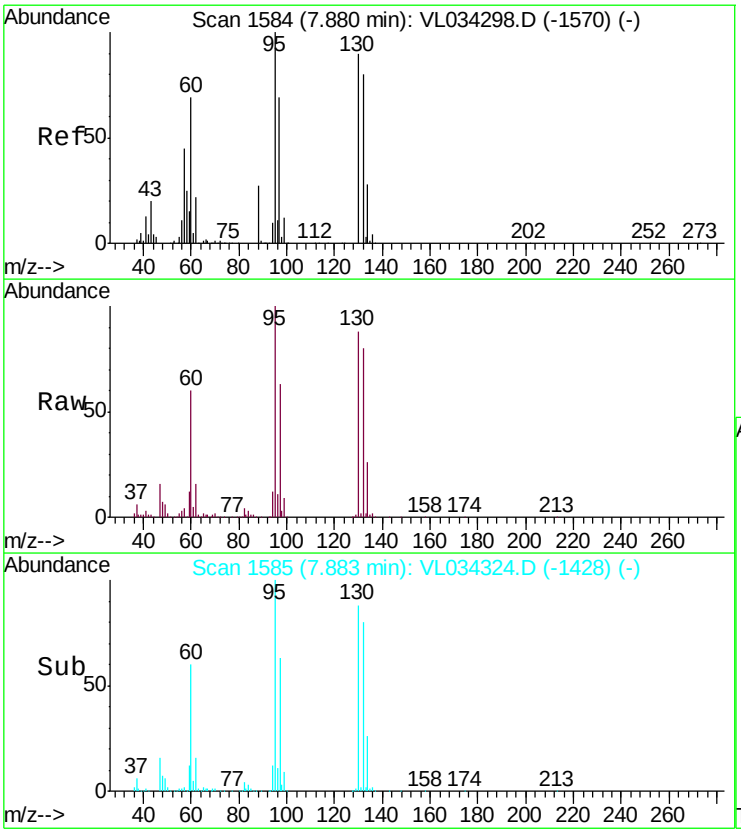
#36
Benzene
Concen: 2.231 ppbv
RT: 6.93 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 78 Resp: 460048

Ion	Ratio	Lower	Upper
78	100		
77	18.5	19.0	28.4#
50	18.4	18.6	27.8#

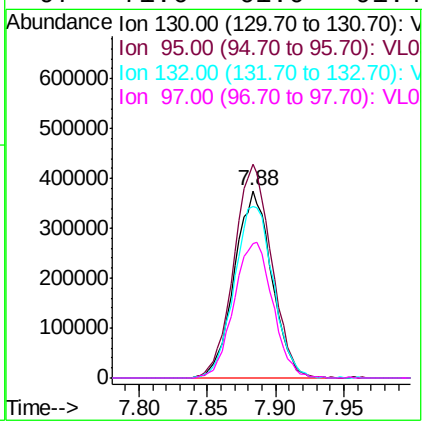


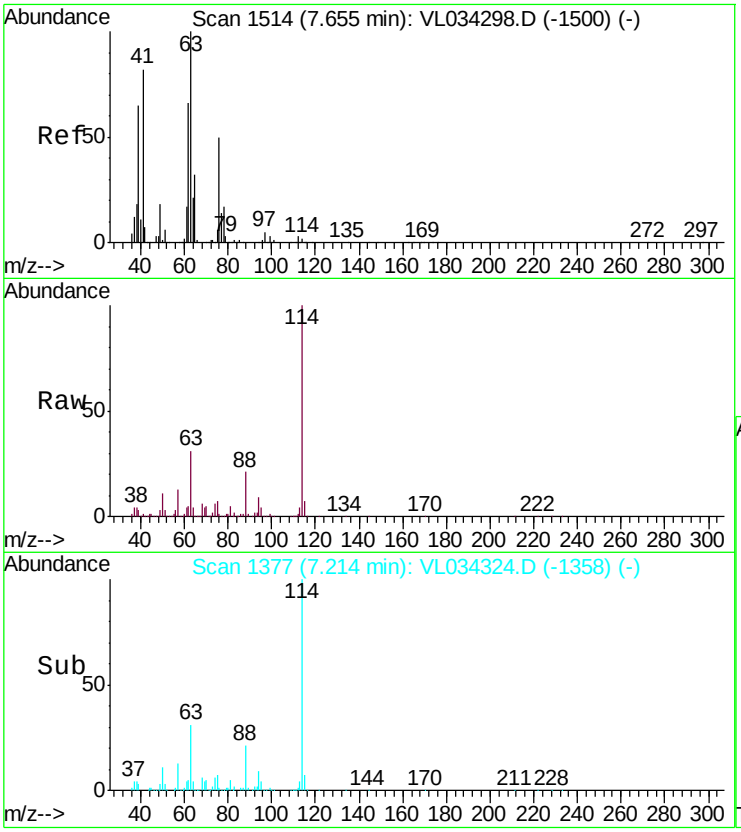


#38
Trichloroethene
Concen: 8.589 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion:130 Resp: 710853

Ion	Ratio	Lower	Upper
130	100		
95	114.1	88.6	132.8
132	91.5	71.2	106.8
97	71.6	61.0	91.4



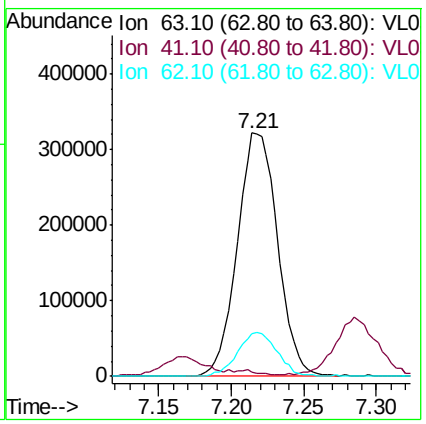


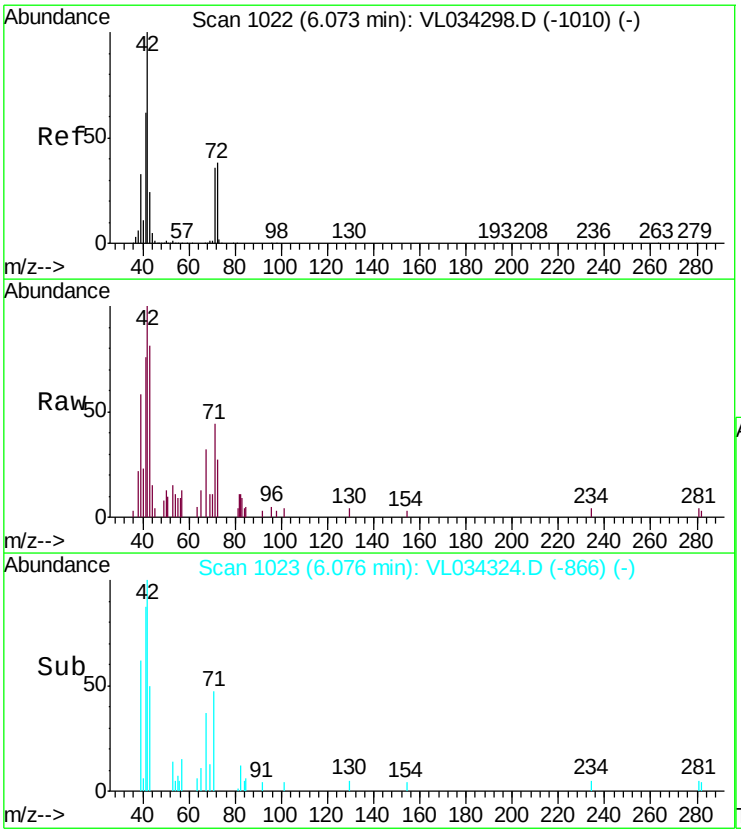
#39
1,2-Dichloropropane
Concen: 6.978 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.44 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion: 63 Resp: 619691

Ion	Ratio	Lower	Upper
63	100		
41	0.0	65.6	98.4#
62	17.8	53.0	79.6#

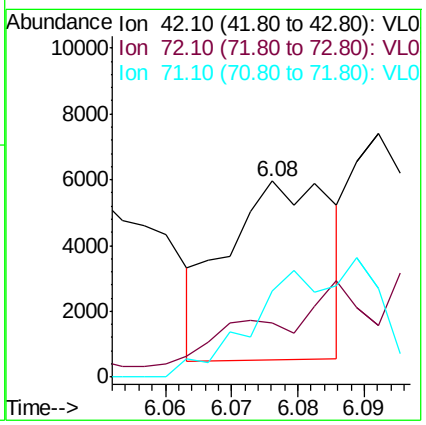


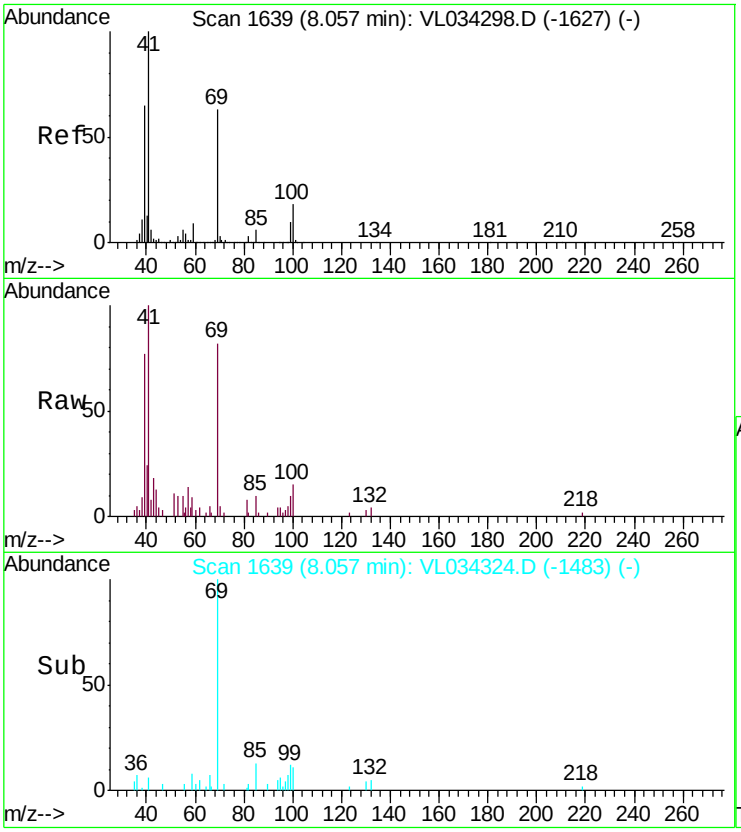


#41
Tetrahydrofuran
Concen: 0.061 ppbv
RT: 6.08 min Scan# 1023
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 42 Resp: 5962

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.0	42.0#
71	0.0	27.3	40.9#



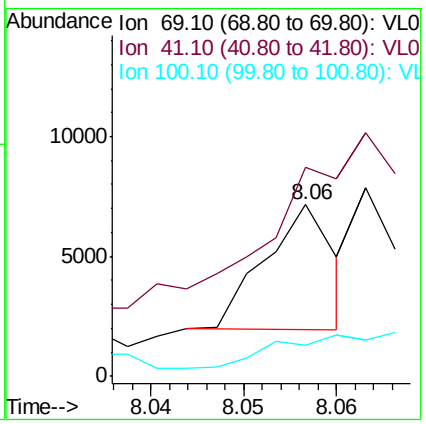


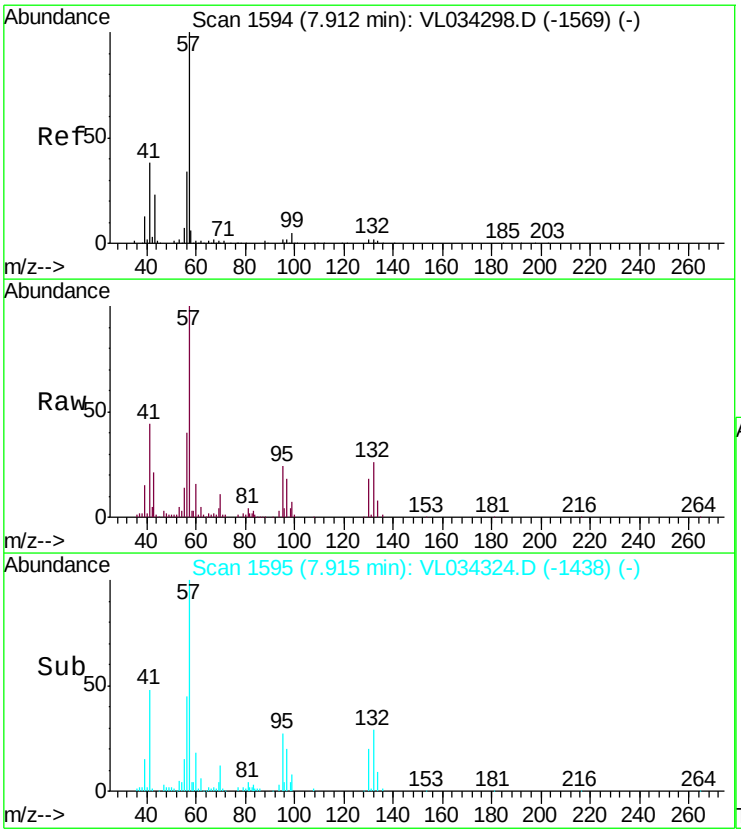
#43
Methyl Methacrylate
Concen: 0.031 ppbv
RT: 8.06 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 69 Resp: 2685

Ion	Ratio	Lower	Upper
69	100		
41	0.0	132.1	198.1#
100	0.0	23.2	34.8#

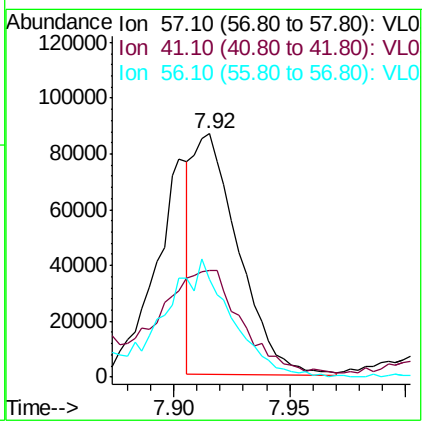


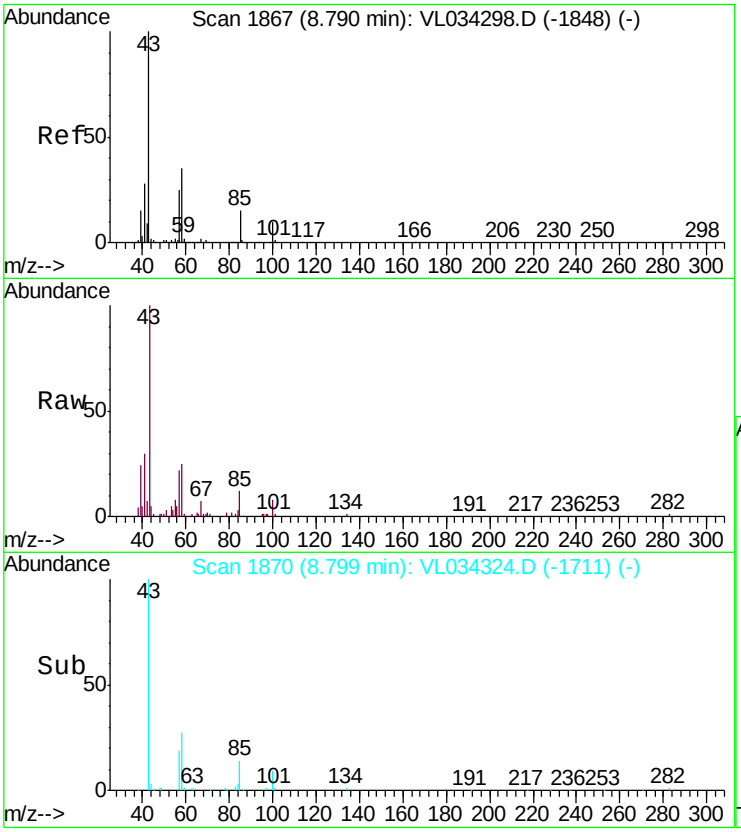


#44
2,2,4-Trimethylpentane
Concen: 0.308 ppbv
RT: 7.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 57 Resp: 117598

Ion	Ratio	Lower	Upper
57	100		
41	72.2	29.3	43.9#
56	72.9	25.3	37.9#



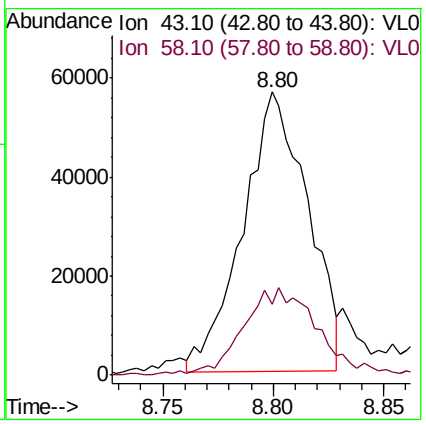


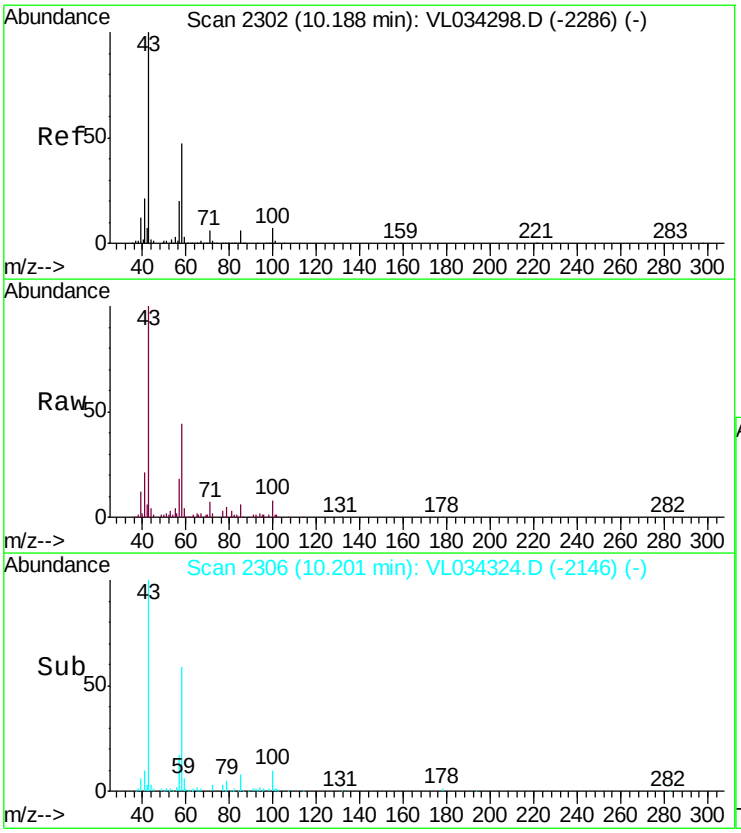
#50
4-Methyl-2-Pentanone
Concen: 0.461 ppbv
RT: 8.80 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 43 Resp: 115937

Ion	Ratio	Lower	Upper
43	100		
58	36.4	27.6	41.4

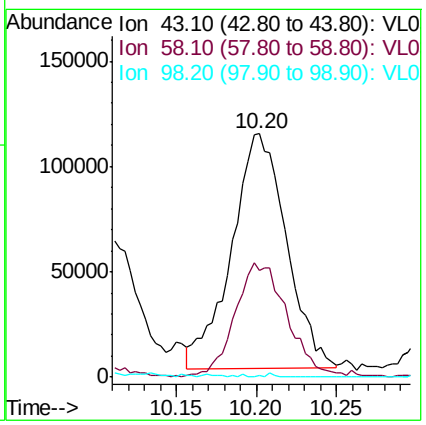


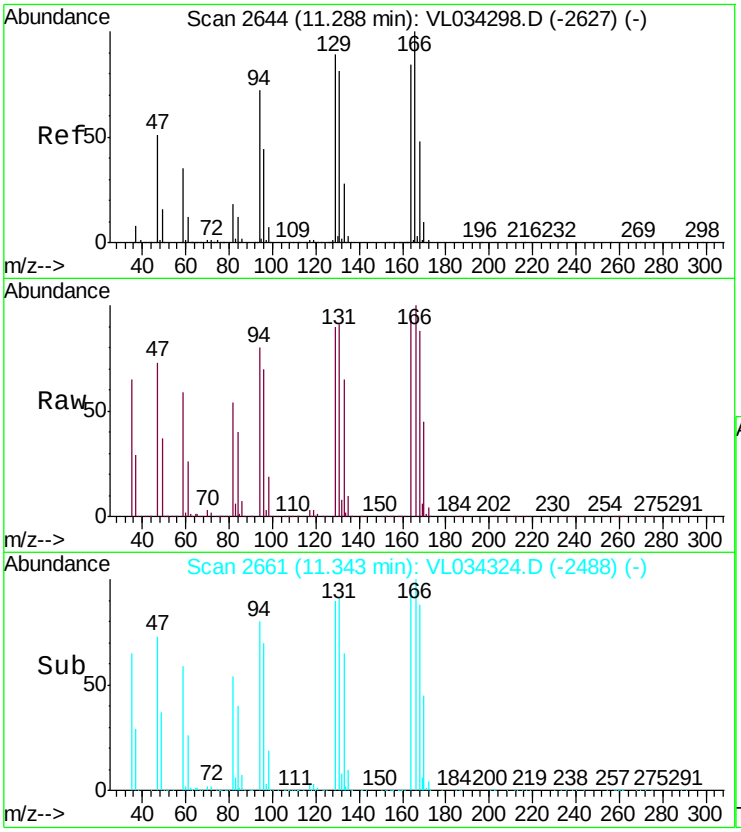


#51
2-Hexanone
Concen: 1.264 ppbv
RT: 10.20 min Scan# 2306
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 43 Resp: 260660

Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.0	55.6
98	0.5	0.2	0.2#



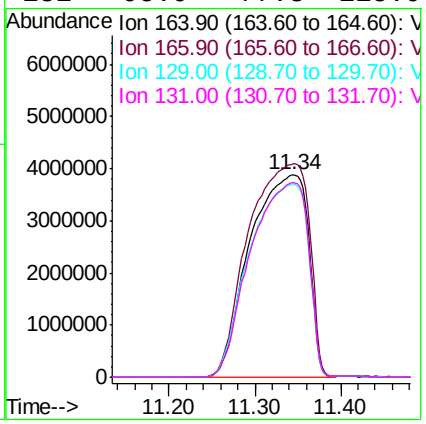


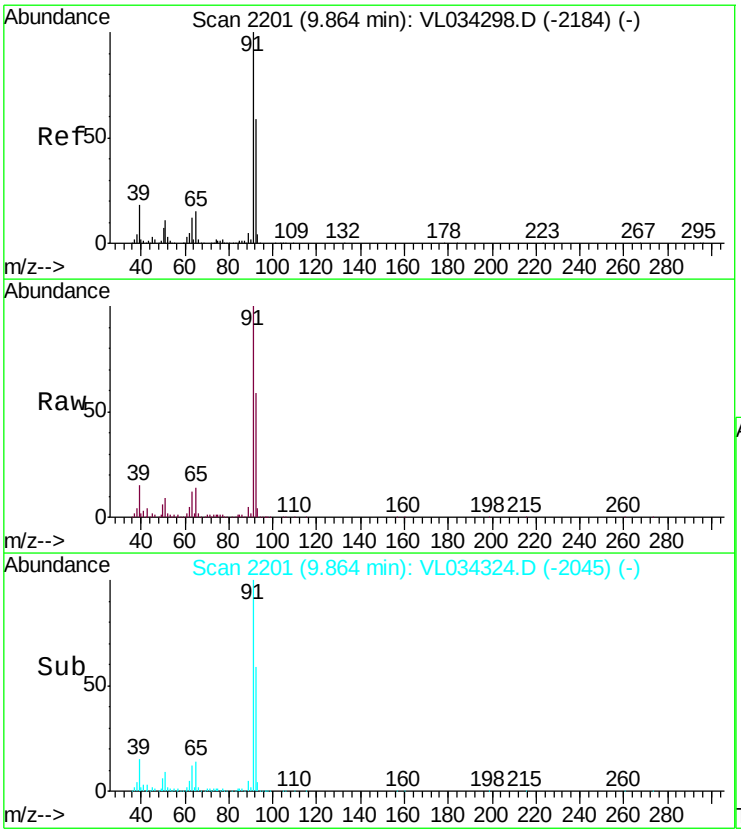
#52
Tetrachloroethene
Concen: 225.897 ppbv
RT: 11.34 min Scan# 2661
Delta R.T. 0.05 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion:164 Resp:18261602

Ion	Ratio	Lower	Upper
164	100		
166	105.1	95.3	142.9
129	95.1	84.5	126.7
131	95.9	77.3	115.9

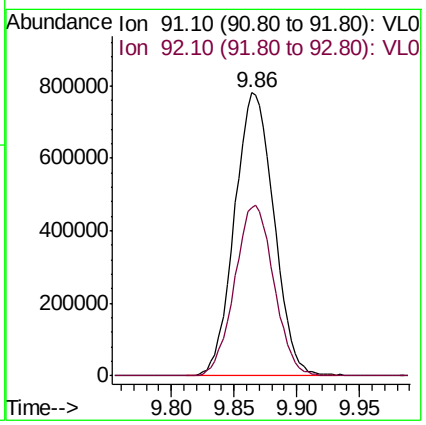


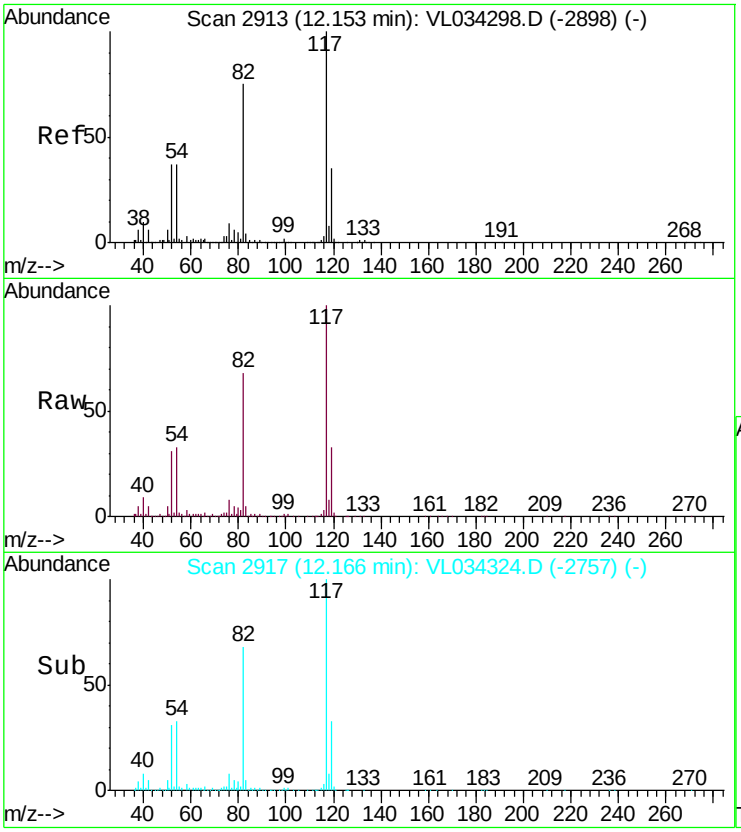


#53
Toluene
Concen: 7.486 ppbv
RT: 9.86 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 91 Resp: 1703789

Ion	Ratio	Lower	Upper
91	100		
92	60.2	48.4	72.6



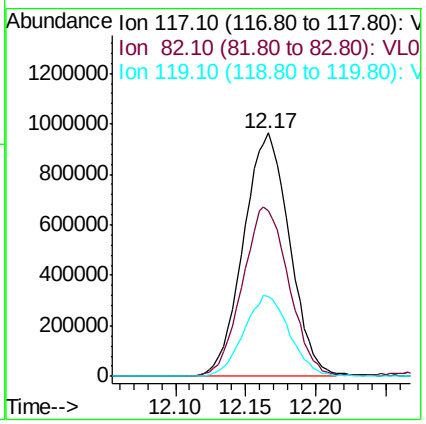


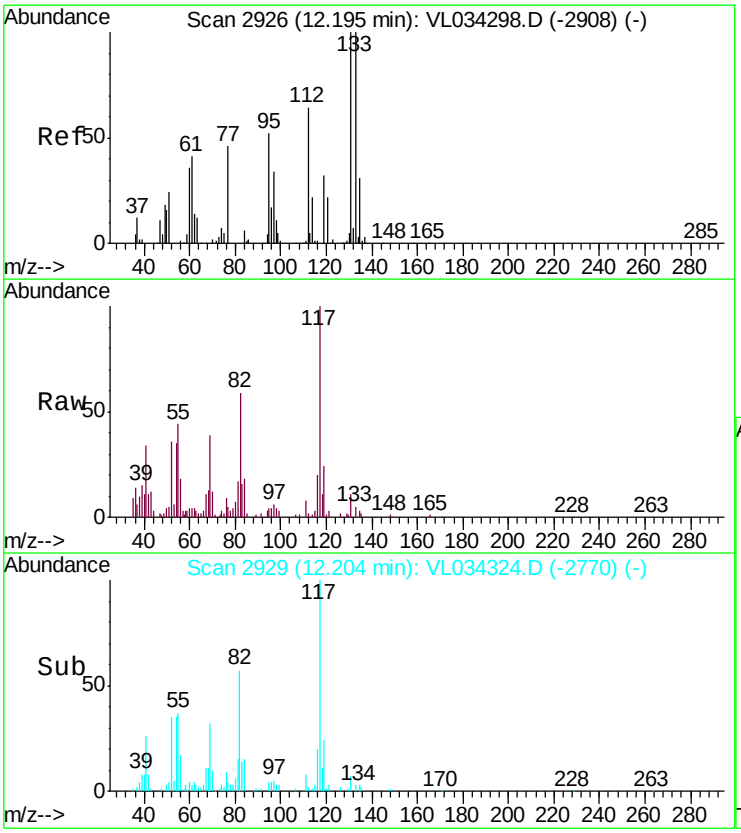
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.17 min Scan# 2917
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion:117 Resp: 2197565

Ion	Ratio	Lower	Upper
117	100		
82	70.6	55.5	83.3
119	33.2	26.5	39.7

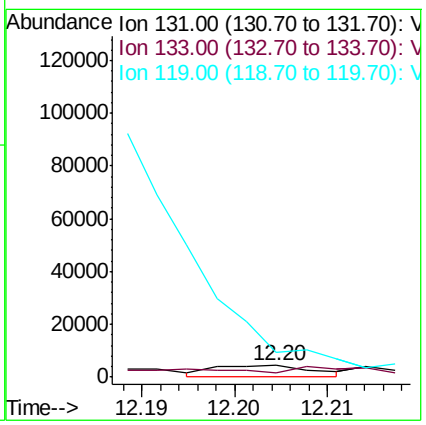


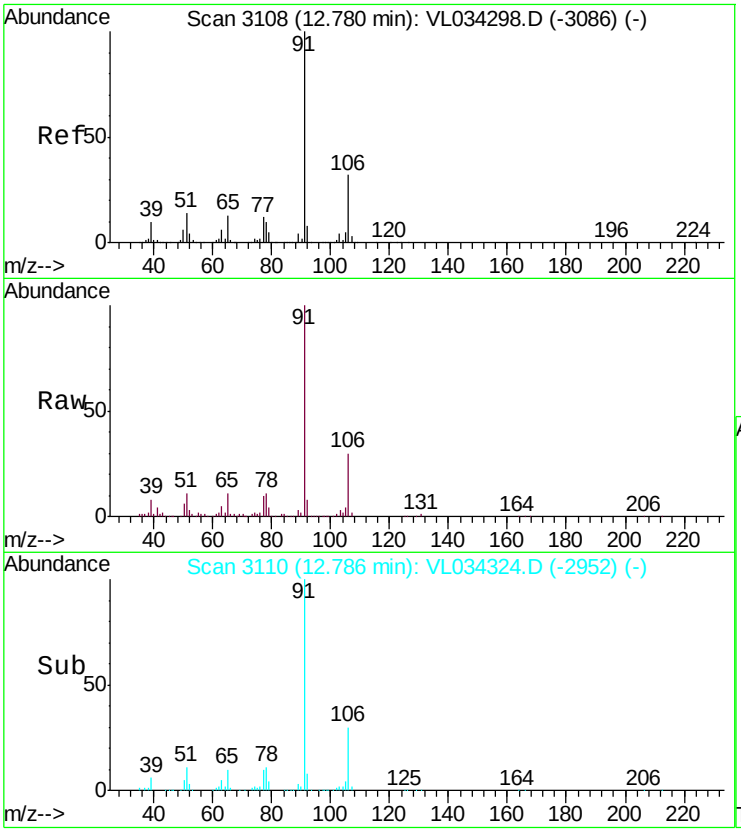


#56
1,1,1,2-Tetrachloroethane
Concen: 0.030 ppbv
RT: 12.20 min Scan# 2929
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion:131 Resp: 3043

Ion	Ratio	Lower	Upper
131	100		
133	286.7	77.1	115.7#
119	0.0	49.0	73.4#



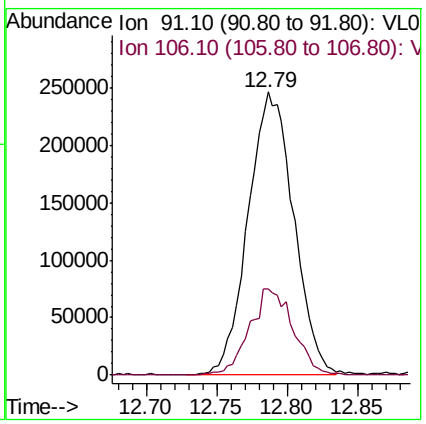


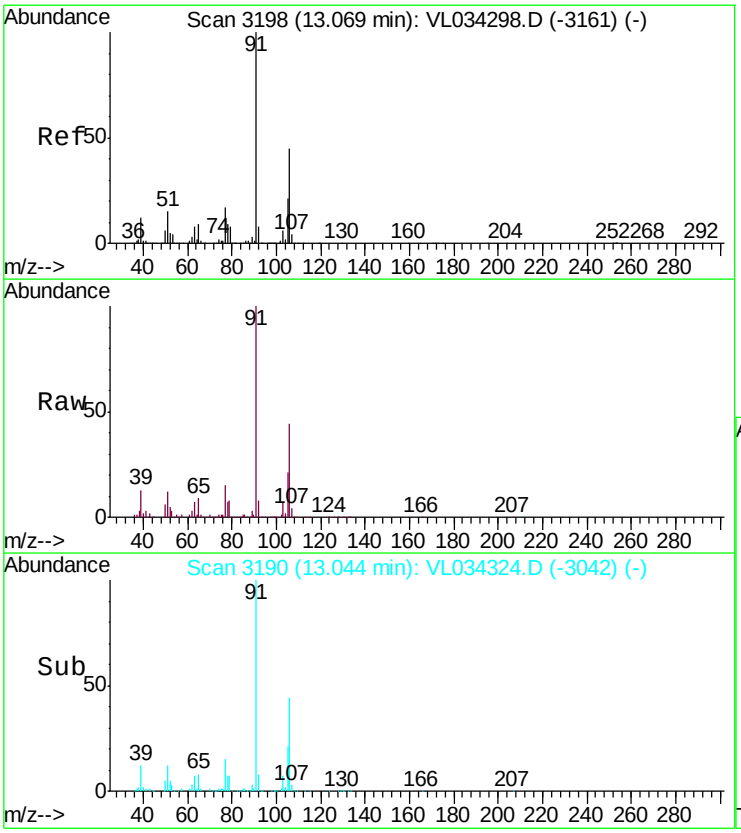
#58
Ethyl Benzene
Concen: 1.799 ppbv
RT: 12.79 min Scan# 3110
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 91 Resp: 552567

Ion	Ratio	Lower	Upper
91	100		
106	30.3	25.3	37.9

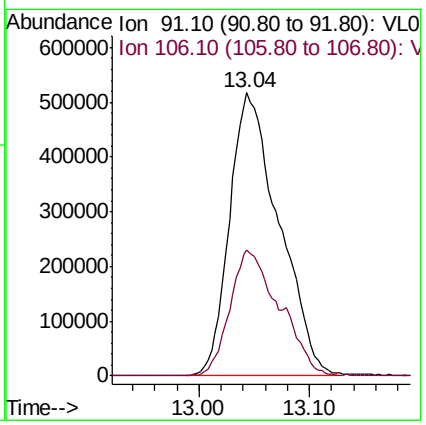


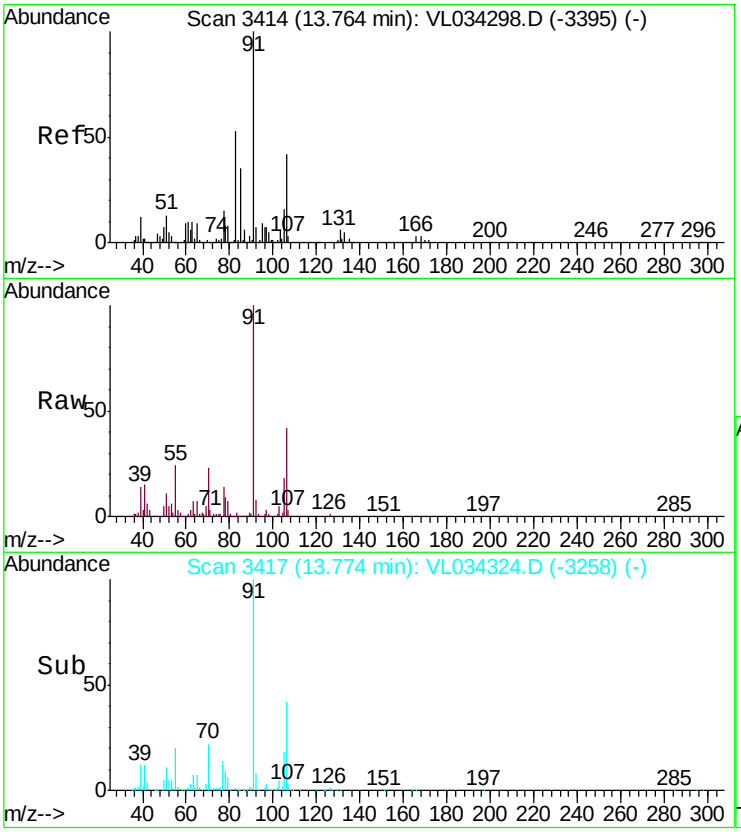


#59
m/p-Xylene
Concen: 6.016 ppbv
RT: 13.04 min Scan# 3190
Delta R.T. -0.03 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 91 Resp: 1601135

Ion	Ratio	Lower	Upper
91	100		
106	44.8	35.4	53.2



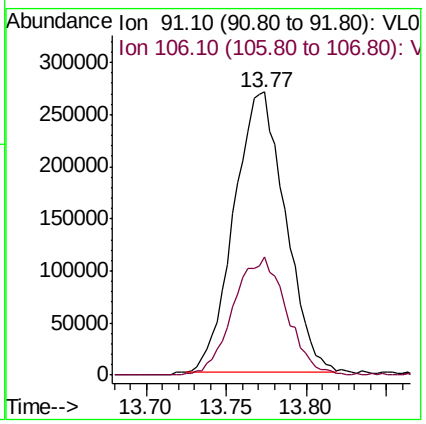


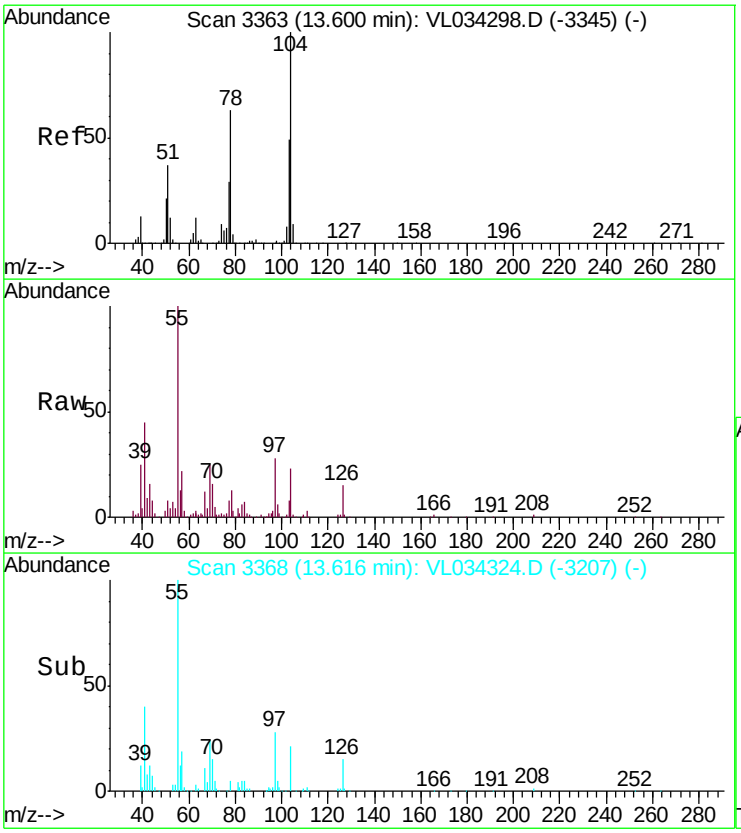
#60
o-Xylene
Concen: 2.244 ppbv
RT: 13.77 min Scan# 3417
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion: 91 Resp: 594631

Ion	Ratio	Lower	Upper
91	100		
106	43.1	21.6	64.6

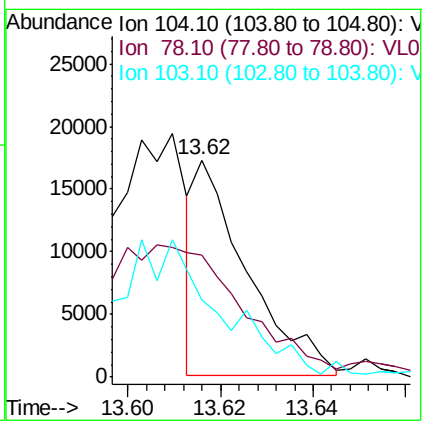


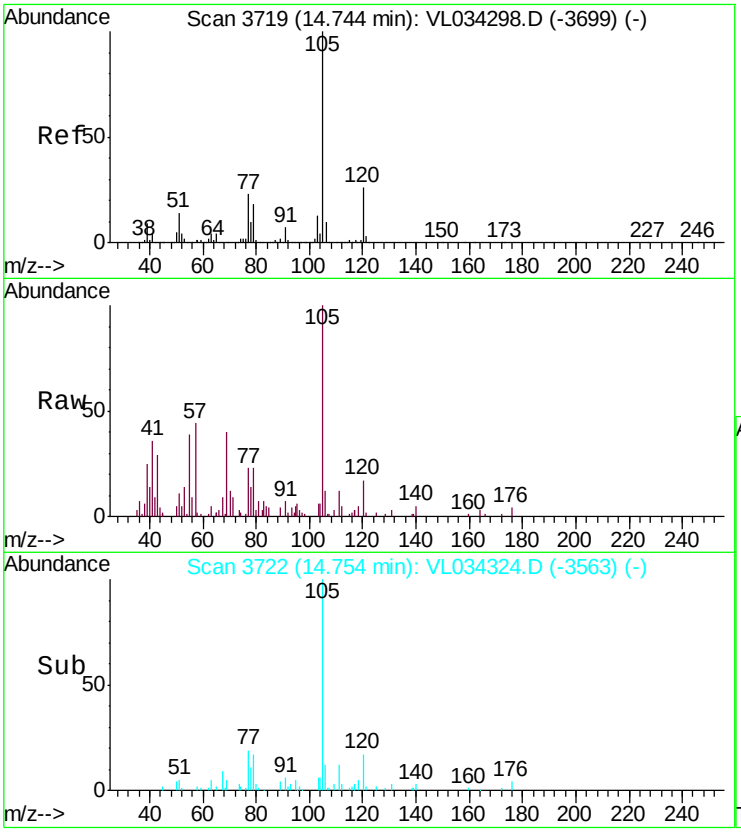


#61
Styrene
Concen: 0.071 ppbv
RT: 13.62 min Scan# 3368
Delta R.T. 0.02 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion:104 Resp: 13323

Ion	Ratio	Lower	Upper
104	100		
78	0.0	47.8	71.8#
103	0.0	39.0	58.6#



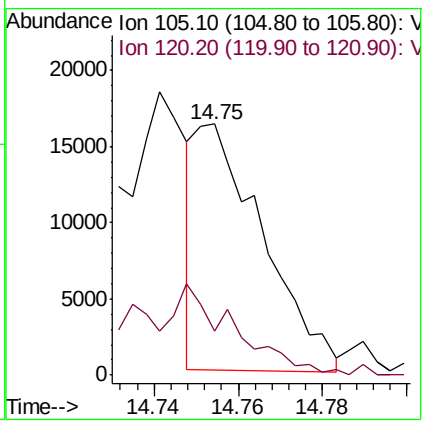


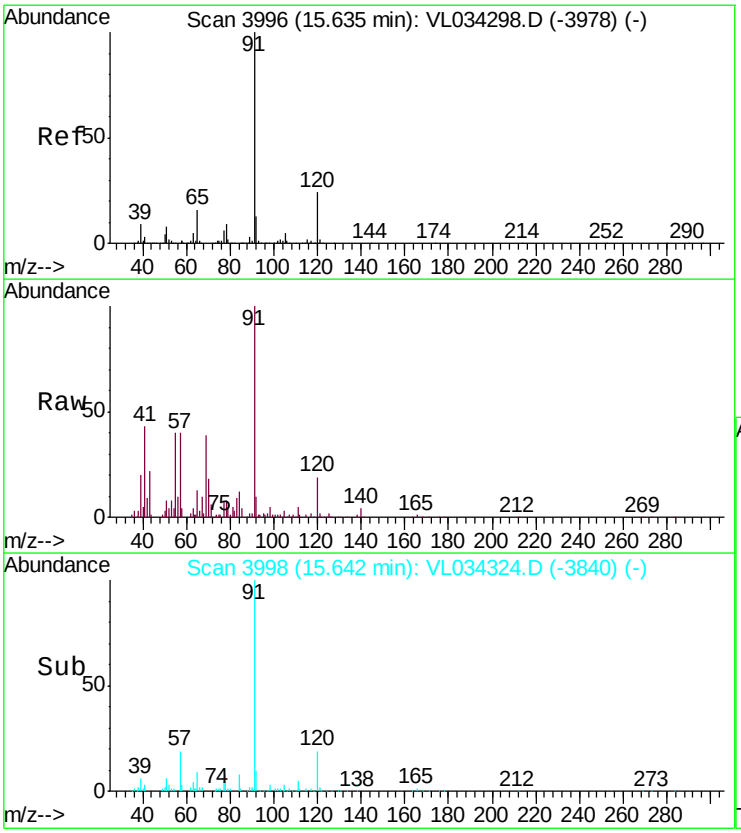
#62
Isopropylbenzene
Concen: 0.051 ppbv
RT: 14.75 min Scan# 3722
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:105 Resp: 17854

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.8	31.2#

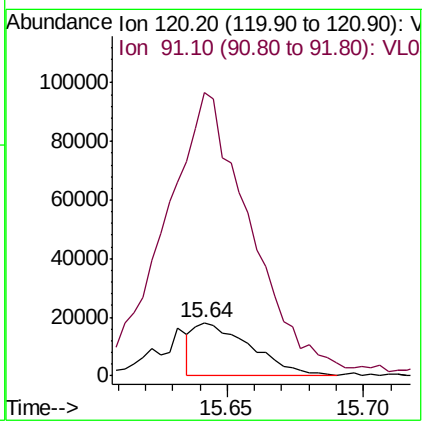


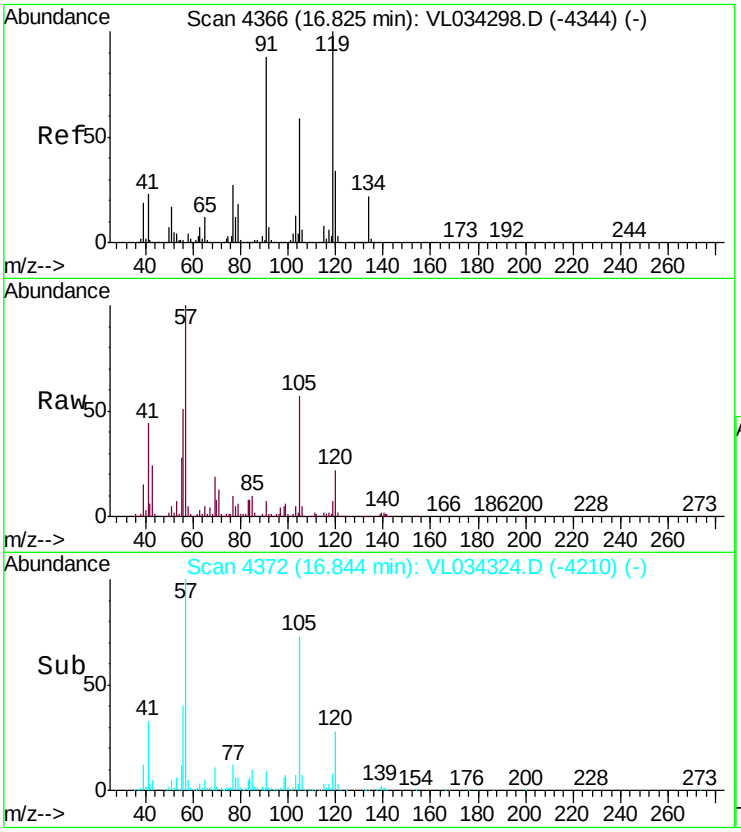


#64
n-propylbenzene
Concen: 0.295 ppbv
RT: 15.64 min Scan# 3998
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion:120 Resp: 26449

Ion	Ratio	Lower	Upper
120	100		
91	905.2	374.9	562.3#



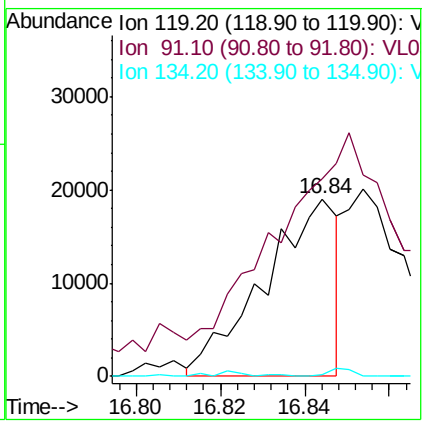


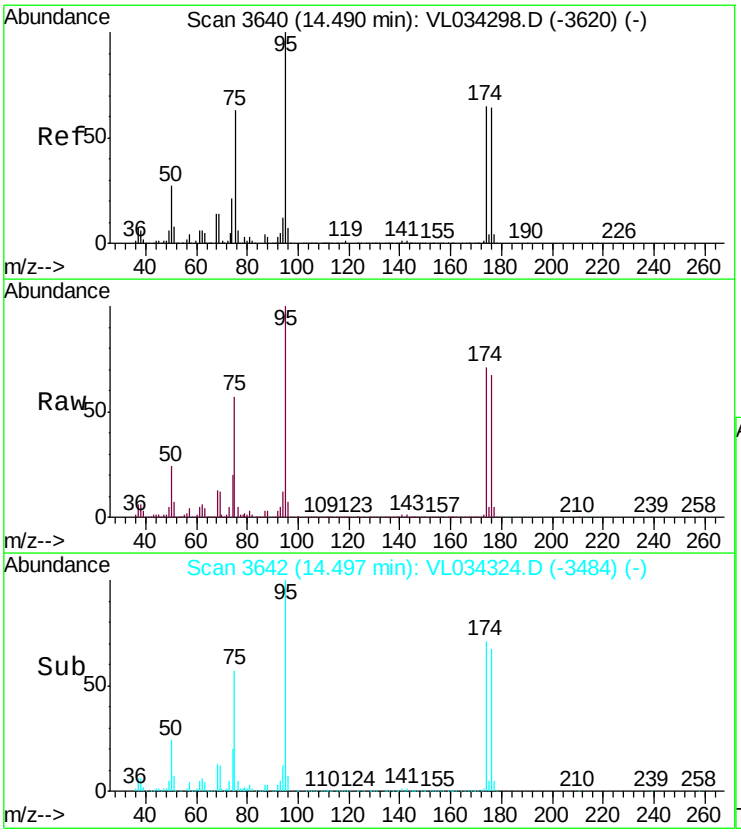
#65
tert-Butylbenzene
Concen: 0.074 ppbv
RT: 16.84 min Scan# 4372
Delta R.T. 0.02 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion:119 Resp: 23043

Ion	Ratio	Lower	Upper
119	100		
91	0.0	71.4	107.0#
134	0.0	15.9	23.9#

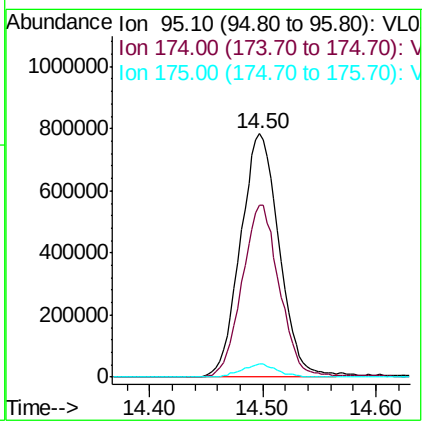


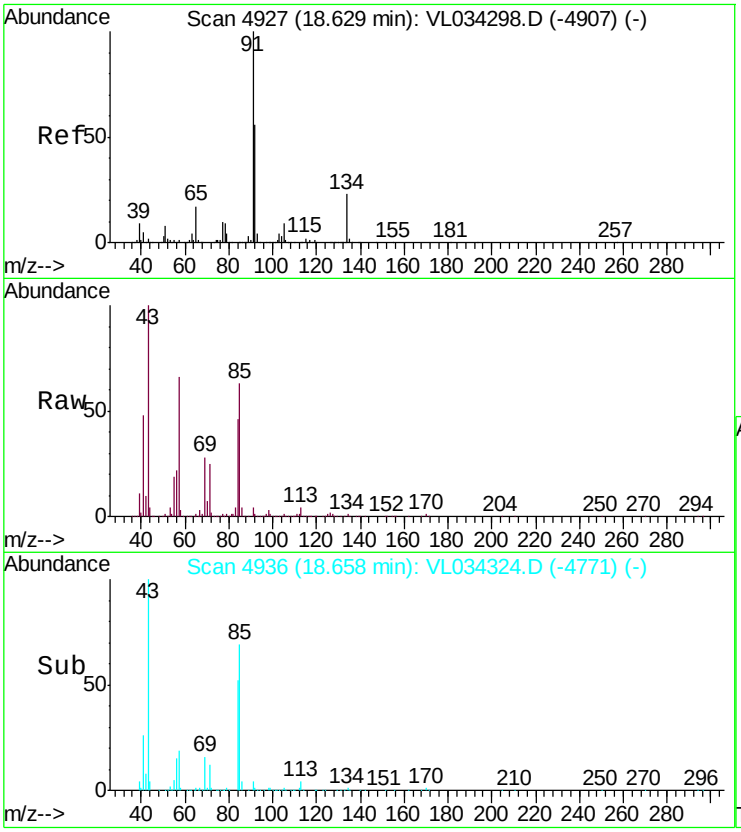


#68
1-Bromo-4-Fluorobenzene
Concen: 9.985 ppbv
RT: 14.50 min Scan# 3642
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 95 Resp: 1858490

Ion	Ratio	Lower	Upper
95	100		
174	69.1	52.6	78.8
175	5.1	3.8	5.6



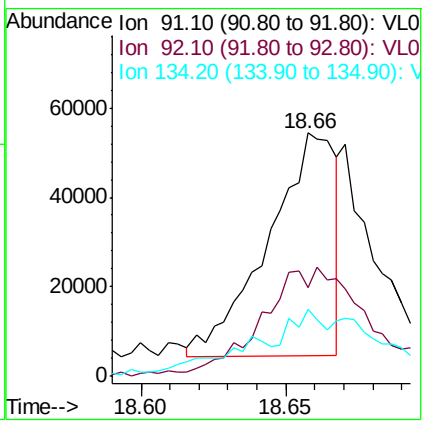


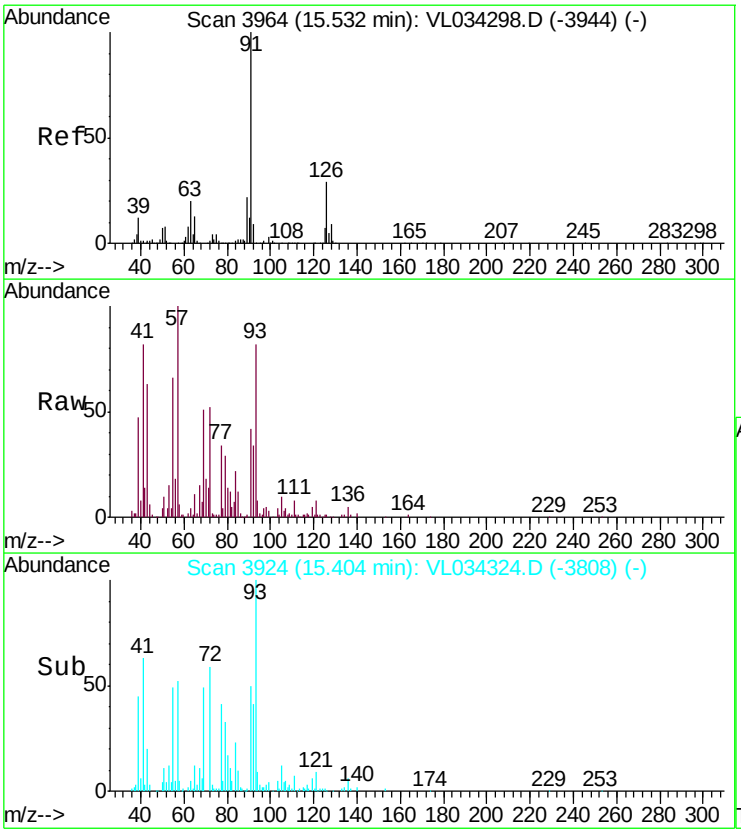
#70
n-Butylbenzene
Concen: 0.207 ppbv
RT: 18.66 min Scan# 4936
Delta R.T. 0.03 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion: 91 Resp: 80054

Ion	Ratio	Lower	Upper
91	100		
92	74.3	44.5	66.7#
134	54.8	18.2	27.2#

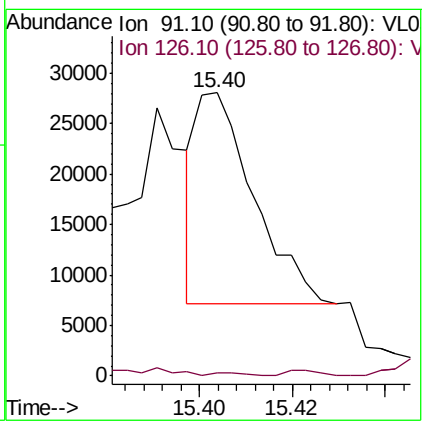


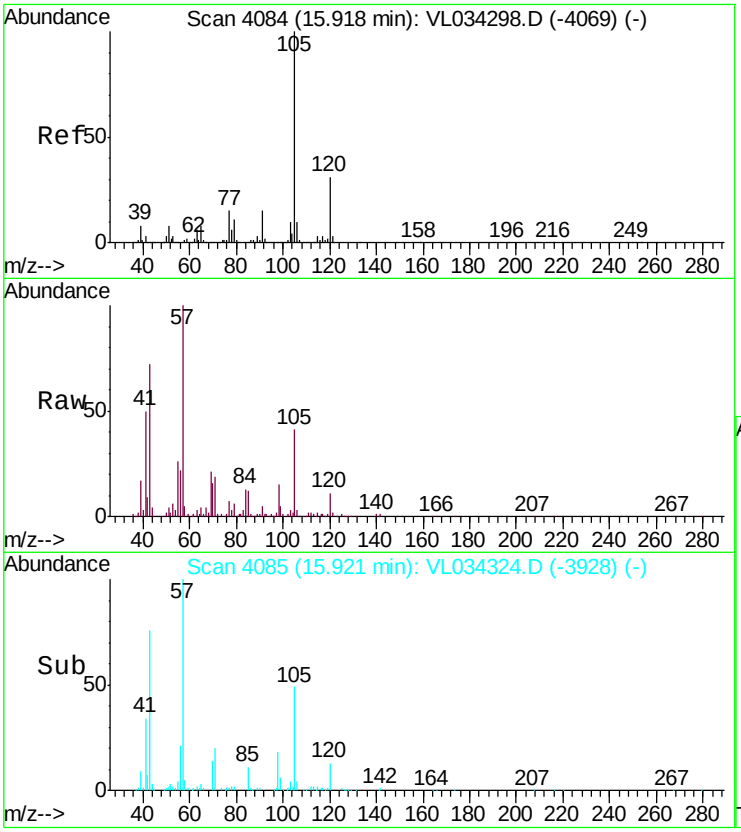


#71
2-Chlorotoluene
Concen: 0.066 ppbv
RT: 15.40 min Scan# 3924
Delta R.T. -0.13 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion: 91 Resp: 17878

Ion	Ratio	Lower	Upper
91	100		
126	23.6	11.9	47.5



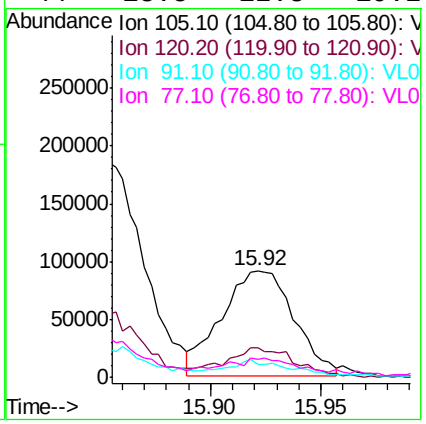


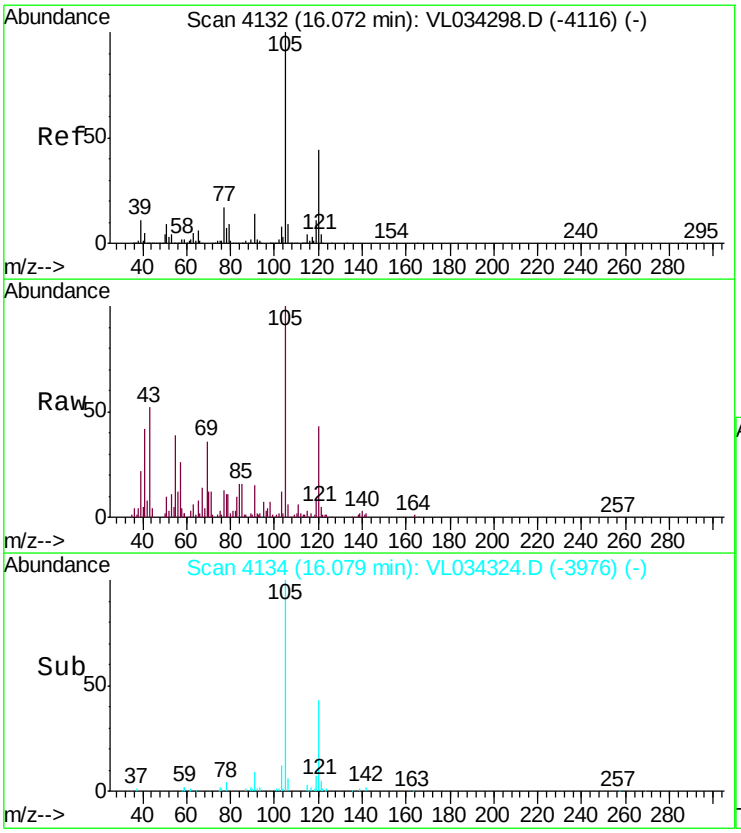
#72
4-Ethyltoluene
Concen: 0.695 ppbv
RT: 15.92 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument : MSVOA_L
ClientSampleId : SV1DUP

Tgt Ion:105 Resp: 207035

Ion	Ratio	Lower	Upper
105	100		
120	28.5	23.8	35.8
91	13.0	11.2	16.8
77	18.5	12.8	19.2

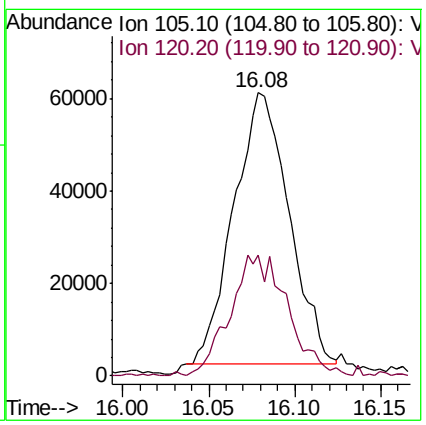


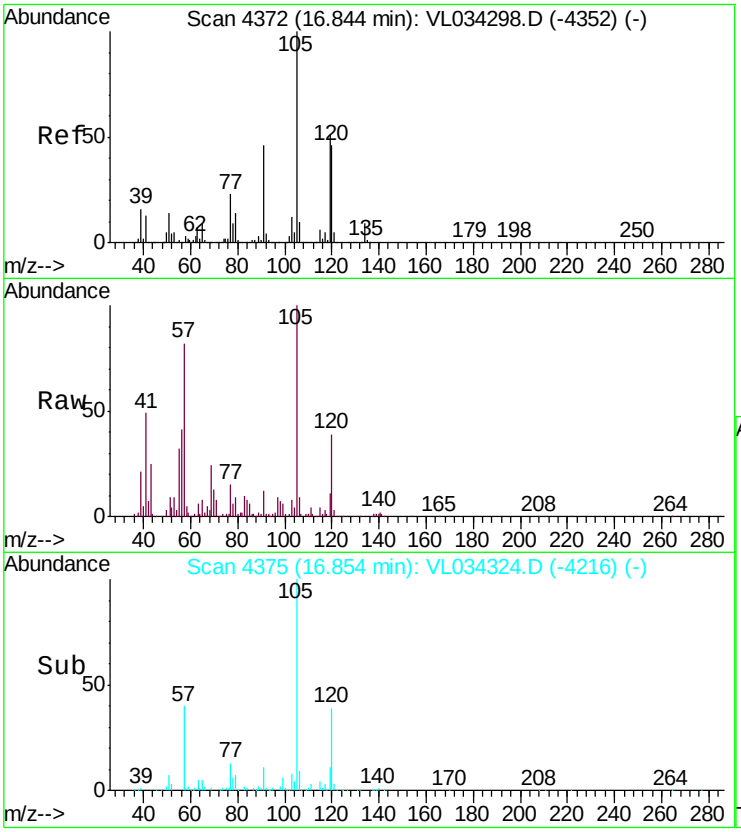


#73
1,3,5-Trimethylbenzene
Concen: 0.446 ppbv
RT: 16.08 min Scan# 4134
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Tgt Ion:105 Resp: 131666

Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.2	52.8





#74
1,2,4-Trimethylbenzene
Concen: 1.405 ppbv
RT: 16.85 min Scan# 4375
Delta R.T. 0.01 min
Lab File: VL034324.D
Acq: 17 Oct 2019 20:03

Instrument :
MSVOA_L
ClientSampleId :
SV1DUP

Tgt Ion:105 Resp: 432483

Ion	Ratio	Lower	Upper
105	100		
120	39.1	37.0	55.6
91	10.9	38.2	57.2#
77	12.1	19.0	28.4#