Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032660.D
Acq On : 18 Oct 2018 22:09
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Quant Time: Oct 19 01:36:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.78	49	1633843	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	4180300	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.26	117	5104552	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.60	95	3103935	8.17	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 81.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	1936250	11.632	ppbv		100
3) Chlorodifluoromethane	3.02	51	1171972	9.172	ppbv		98
4) Chloromethane	3.18	50	691976	9.691	ppbv		100
5) Vinyl Chloride	3.30	62	696804	9.009	ppbv		99
6) Bromomethane	3.53	94	439649	9.117	ppbv		93
7) Chloroethane	3.61	64	270458	9.496	ppbv		94
8) Dichlorotetrafluoroethane	3.23	85	1582268	9.018	ppbv		91
9) Propene	3.05	41	563092	10.709	ppbv		99
10) Heptane	8.26	43	2126290	10.493	ppbv		98
11) Trichlorofluoromethane	4.02	101	1935165	8.900	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.57	101	1427391	7.894	ppbv		91
13) Ethanol	3.66	45	135283	9.002	ppbv		97
14) Bromoethene	3.80	108	566225	9.266	ppbv		99
15) Acetone	3.91	43	1169955	7.755	ppbv		100
16) 1,3-Butadiene	3.37	39	581694	10.481	ppbv		81
17) tert-Butyl alcohol	4.37	59	477088	10.752	ppbv	#	100
18) 1,1-Dichloroethene	4.36	96	773548	9.738	ppbv		94
19) Isopropyl Alcohol	4.04	45	956861	8.906	ppbv	#	96
20) Methylene Chloride	4.42	84	657014	8.579	ppbv		98
21) Allyl Chloride	4.49	41	1271107	10.261	ppbv		99
22) trans-1,2-Dichloroethene	4.98	96	775675	9.520	ppbv		87
23) Vinyl Acetate	5.17	43	2803430	10.486	ppbv		99
24) 1,1-Dichloroethane	5.11	63	2006088	9.559	ppbv		99
25) Ethyl Acetate	5.79	43	3334627	9.602	ppbv		99
26) Hexane	5.80	57	1558840	9.487	ppbv		100
27) Carbon Disulfide	4.63	76	1771660	8.888	ppbv		100
28) Methyl tert-Butyl Ether	5.13	73	2551295	10.804	ppbv		100
29) Chloroform	5.87	83	2397561	9.135	ppbv		100
30) Cyclohexane	7.26	84	1433855	11.024	ppbv		97
31) cis-1,2-Dichloroethene	5.66	61	1518619	9.968	ppbv		99
32) 1,1,1-Trichloroethane	6.64	97	2464489	9.240	ppbv		98
34) 2-Butanone	5.35	43	2317468	10.342	ppbv		100
35) Carbon Tetrachloride	7.16	117	2640116	8.899	ppbv		100
36) Benzene	7.02	78	3406770	10.036	ppbv		99
37) 1,2-Dichloroethane	6.43	62	1888594	9.071	ppbv		97
38) Trichloroethene	7.98	130	1283003	10.210	ppbv		98
39) 1,2-Dichloropropane	7.76	63	1303102	9.941	ppbv		98
40) 1,4-Dioxane	7.98	88	418195	9.341	ppbv	#	92
41) Tetrahydrofuran	6.17	42	1380510	11.055	ppbv		99
42) Bromodichloromethane	7.94	83	2742427	9.401	ppbv		99
43) Methyl Methacrylate	8.16	69	1383625	11.121	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032660.D
Acq On : 18 Oct 2018 22:09
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Quant Time: Oct 19 01:36:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.01	57	5635880	9.726	ppbv		100
45) t-1,3-Dichloropropene	9.43	75	1983019	11.908	ppbv		99
46) cis-1,3-Dichloropropene	8.86	75	2104579	11.061	ppbv		99
47) 1,1,2-Trichloroethane	9.63	97	1489396	9.616	ppbv		98
48) Dibromochloromethane	10.47	129	2317001	8.974	ppbv		99
49) Bromoform	13.22	173	1936524	9.545	ppbv		99
50) 4-Methyl-2-Pentanone	8.89	43	3470701	10.454	ppbv		100
51) 2-Hexanone	10.29	43	2701190	10.945	ppbv	#	99
52) Tetrachloroethene	11.40	164	1248688	10.551	ppbv		95
53) Toluene	9.97	91	4268123	10.969	ppbv		99
54) 1,2-Dibromoethane	10.78	107	2112750	10.036	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.30	131	1663783	7.454	ppbv	#	58
57) Chlorobenzene	12.32	112	2925065	7.792	ppbv		96
58) Ethyl Benzene	12.88	91	5210043	8.786	ppbv		99
59) m/p-Xylene	13.17	91	3974840	7.527	ppbv	#	16
60) o-Xylene	13.87	91	4048403	7.947	ppbv		99
61) Styrene	13.70	104	3196786	9.360	ppbv		97
62) Isopropylbenzene	14.85	105	5724510	7.940	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.86	83	2767651	6.935	ppbv		99
64) n-propylbenzene	15.74	120	760980	4.247	ppbv	#	1
65) tert-Butylbenzene	16.93	119	4785079	7.793	ppbv		95
66) Benzyl Chloride	17.18	91	2757758	8.699	ppbv		98
67) sec-Butylbenzene	17.48	105	6784544	7.769	ppbv		99
69) p-Isopropyltoluene	17.84	119	5496947	7.944	ppbv		98
70) n-Butylbenzene	18.73	91	5529533	7.762	ppbv		99
71) 2-Chlorotoluene	15.64	91	4233879	8.263	ppbv		97
72) 4-Ethyltoluene	16.02	105	4630855	8.535	ppbv		99
73) 1,3,5-Trimethylbenzene	16.18	105	4298163	8.134	ppbv		99
74) 1,2,4-Trimethylbenzene	16.95	105	4294790	7.610	ppbv		93
75) 1,3-Dichlorobenzene	17.19	146	2398352	7.391	ppbv		98
76) 1,4-Dichlorobenzene	17.33	146	2374374	7.929	ppbv		98
77) 1,2-Dichlorobenzene	18.01	146	2278291	7.410	ppbv		98
78) Hexachloro-1,3-Butadiene	23.56	225	1441228	9.921	ppbv		100
79) Naphthalene	22.43	128	3633686	10.359	ppbv		99
80) Naphthalene,2-methyl-	25.13	142	1400019	16.414	ppbv		99
81) 1,2,4-Trichlorobenzene	22.16	180	797076	4.388	ppbv	#	11

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

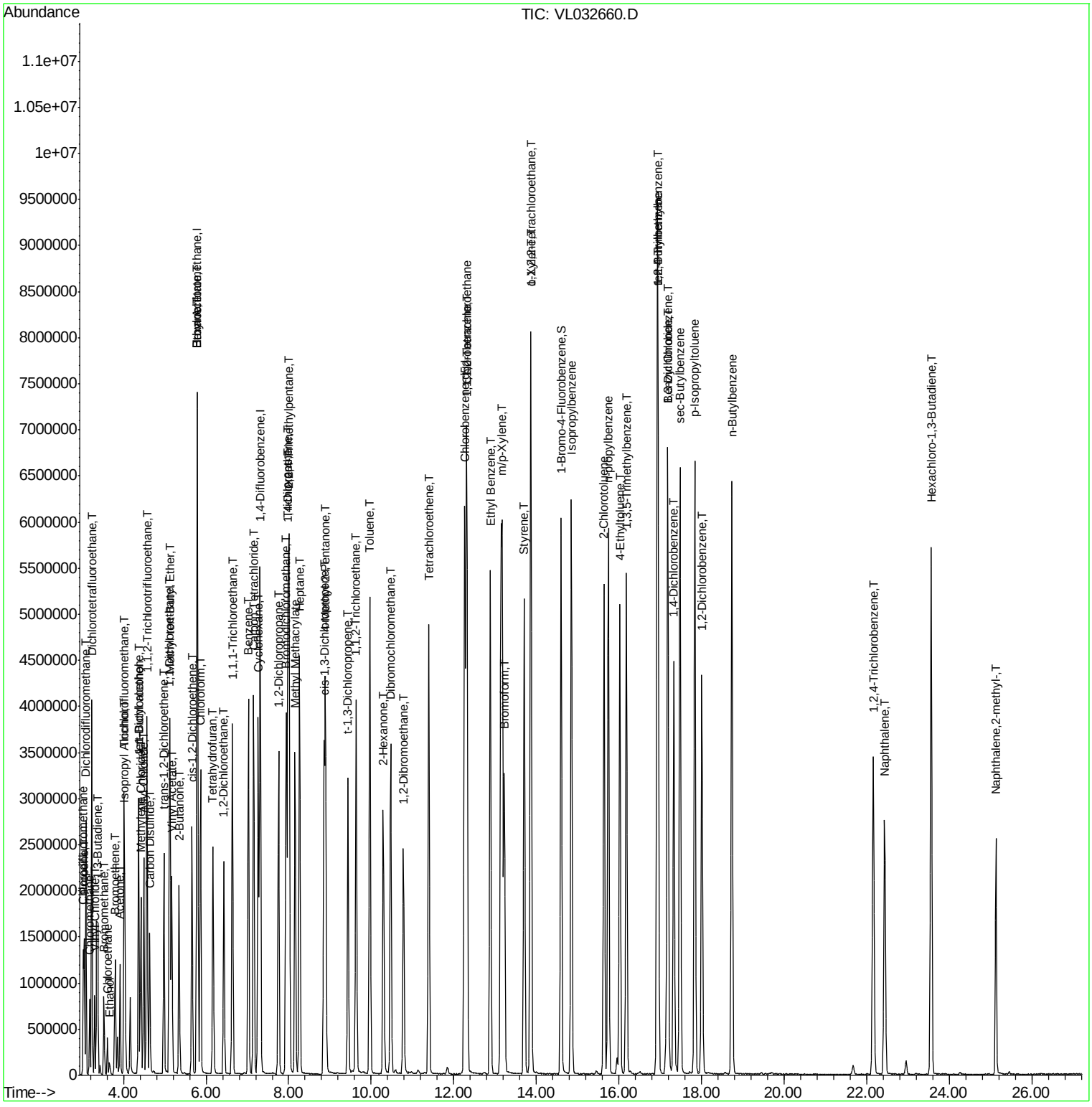
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101818\

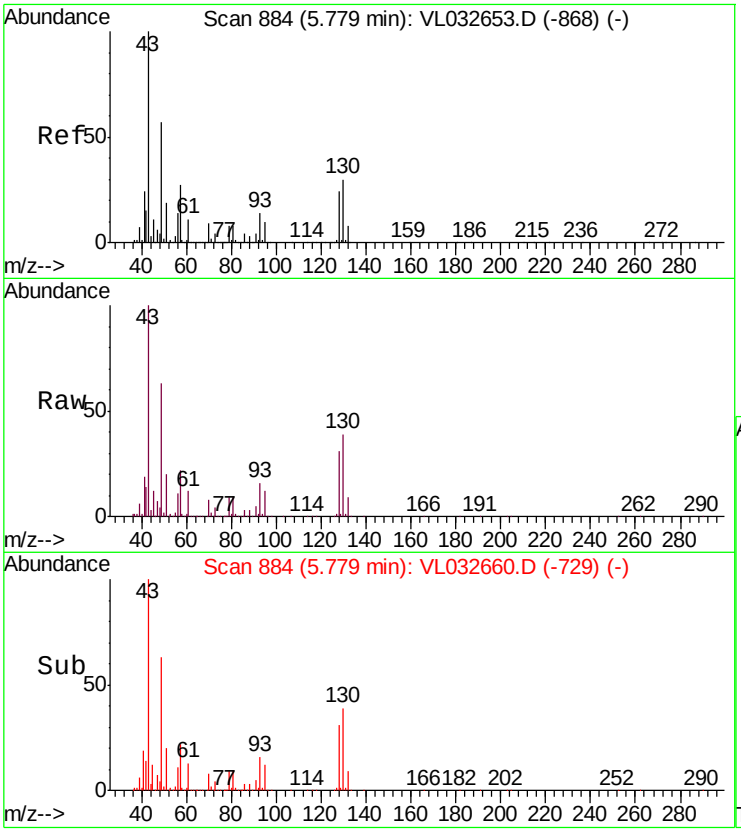
Quantitation Report (Not Reviewed)

Data File : VL032660.D
Acq On : 18 Oct 2018 22:09
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Quant Time: Oct 19 01:36:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration



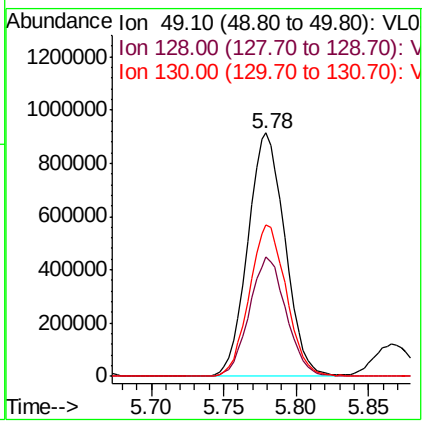


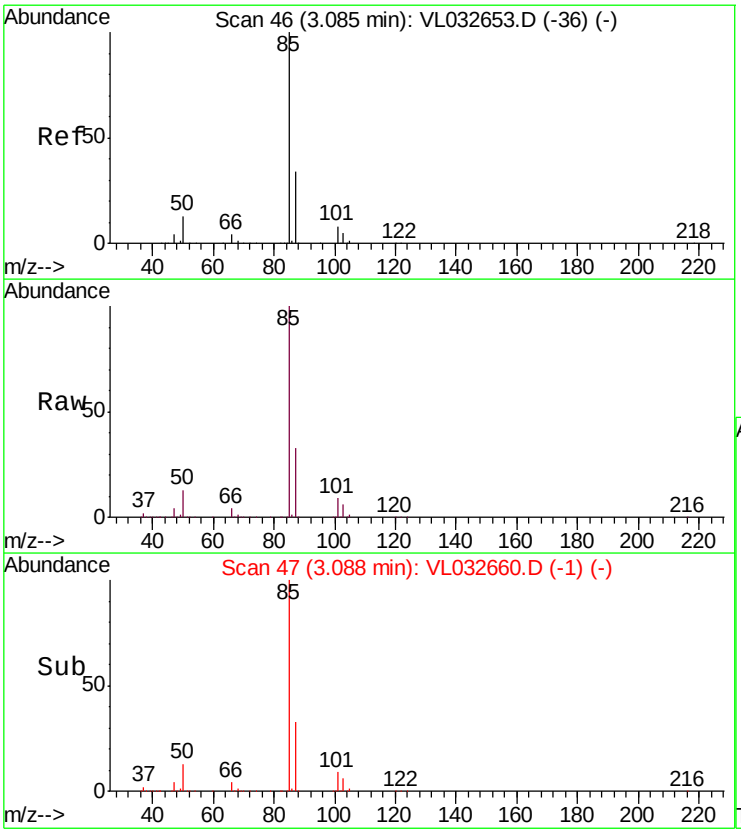
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 49 Resp: 1633843

Ion	Ratio	Lower	Upper
49	100		
128	48.5	22.3	66.8
130	62.0	28.4	85.3

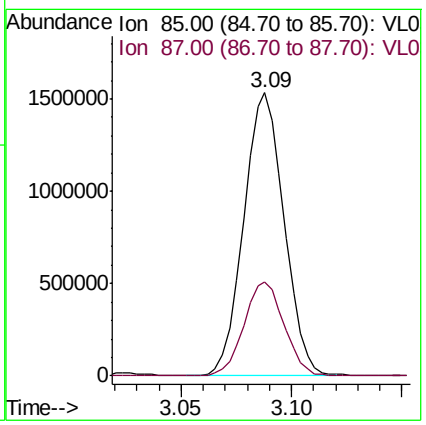


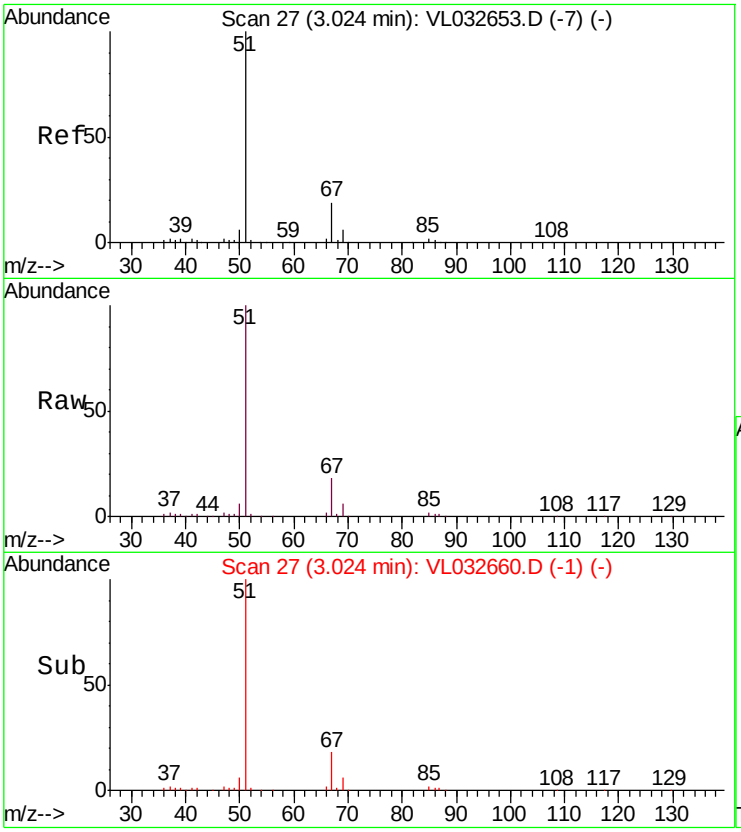


#2
Dichlorodifluoromethane
Concen: 11.632 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 85 Resp: 1936250

Ion	Ratio	Lower	Upper
85	100		
87	33.0	26.2	39.2



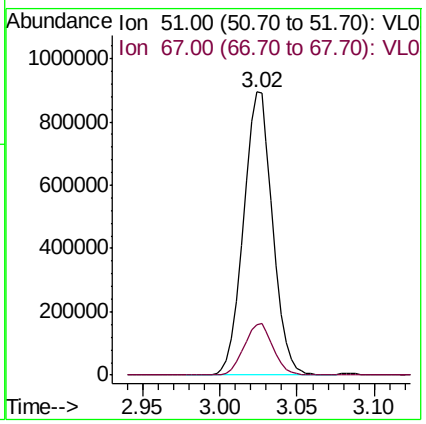


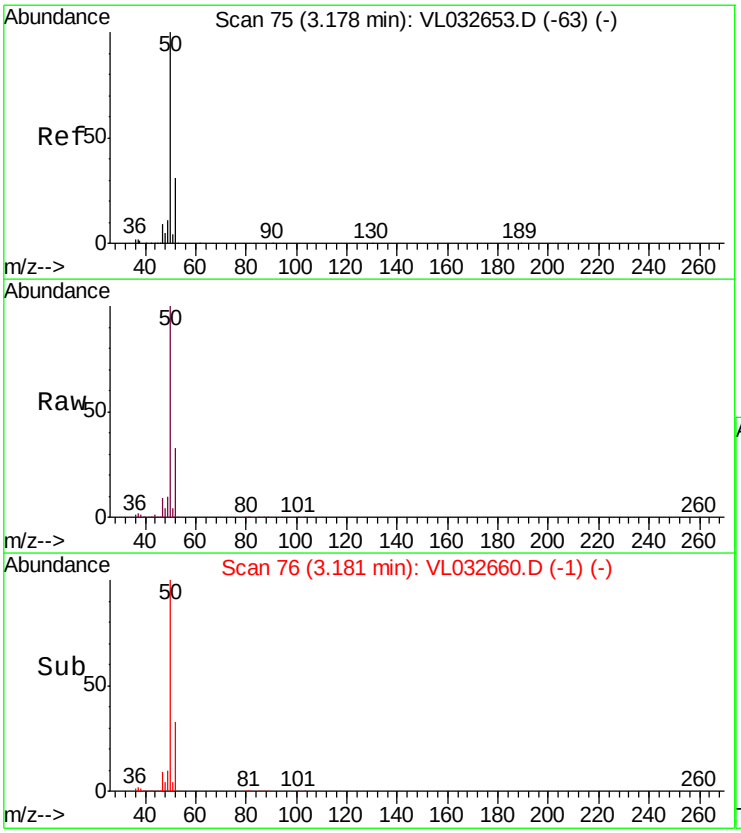
#3
Chlorodifluoromethane
Concen: 9.172 ppbv
RT: 3.02 min Scan# 27
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 51 Resp: 1171972

Ion	Ratio	Lower	Upper
51	100		
67	18.2	15.2	22.8

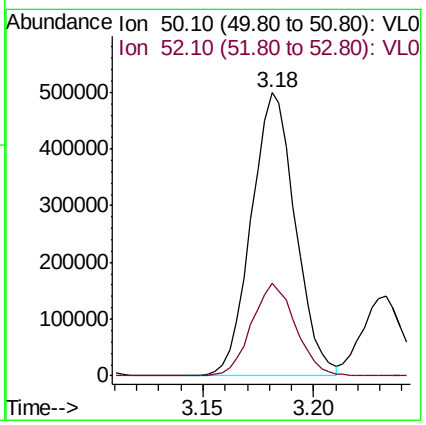


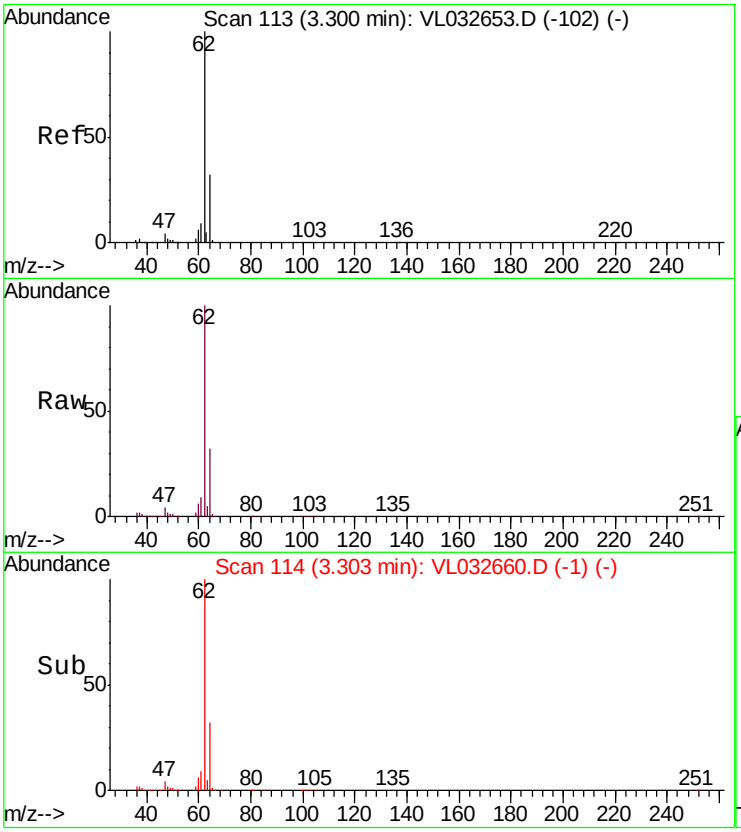


#4
Chloromethane
Concen: 9.691 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 50 Resp: 691976

Ion	Ratio	Lower	Upper
50	100		
52	32.6	25.9	38.9



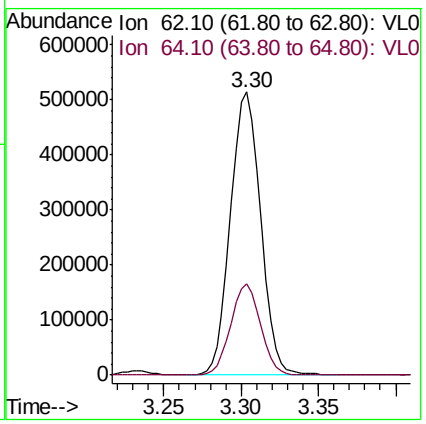


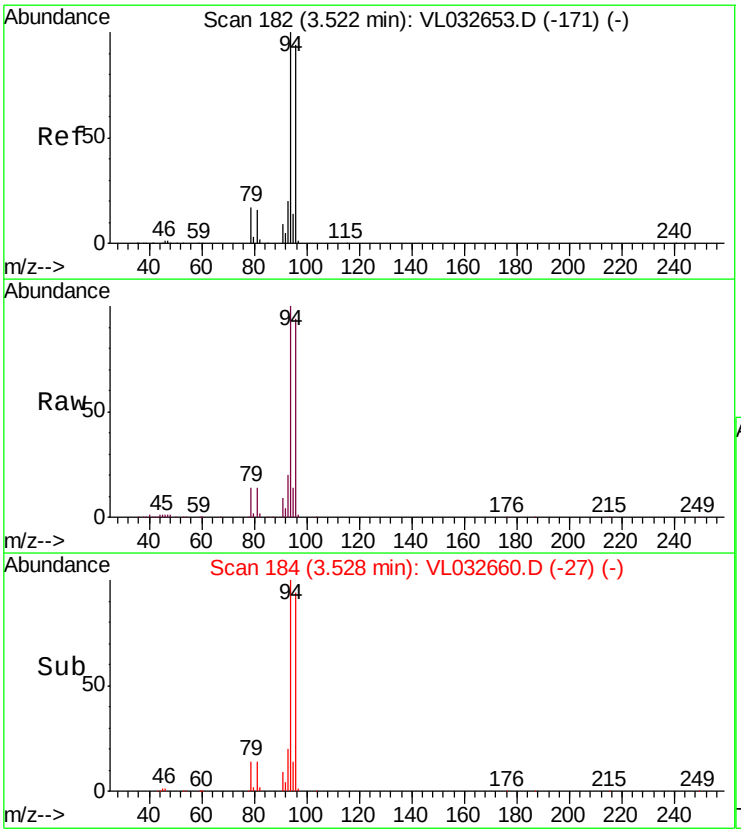
#5
Vinyl Chloride
Concen: 9.009 ppbv
RT: 3.30 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 62 Resp: 696804

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.5	38.3

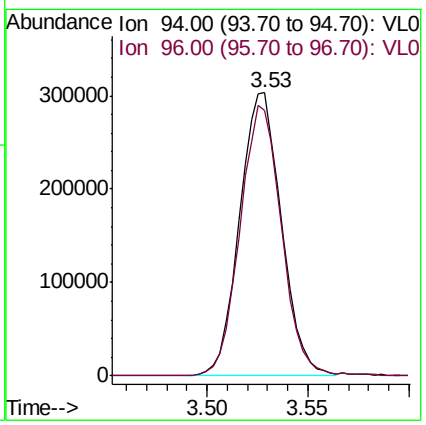


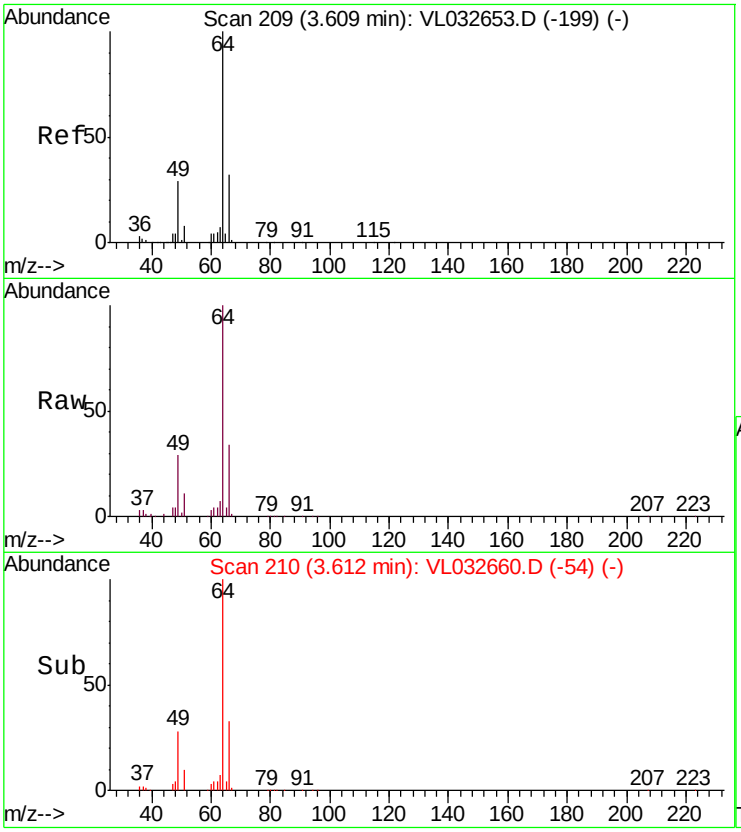


#6
Bromomethane
Concen: 9.117 ppbv
RT: 3.53 min Scan# 184
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 94 Resp: 439649

Ion	Ratio	Lower	Upper
94	100		
96	94.1	69.8	104.8



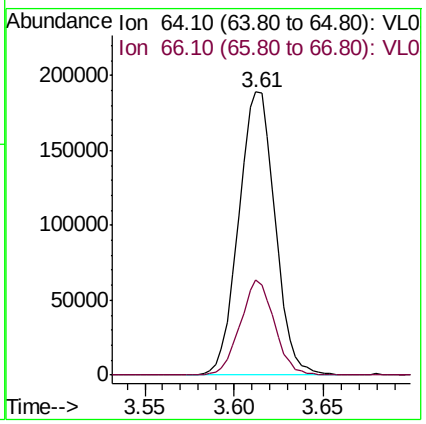


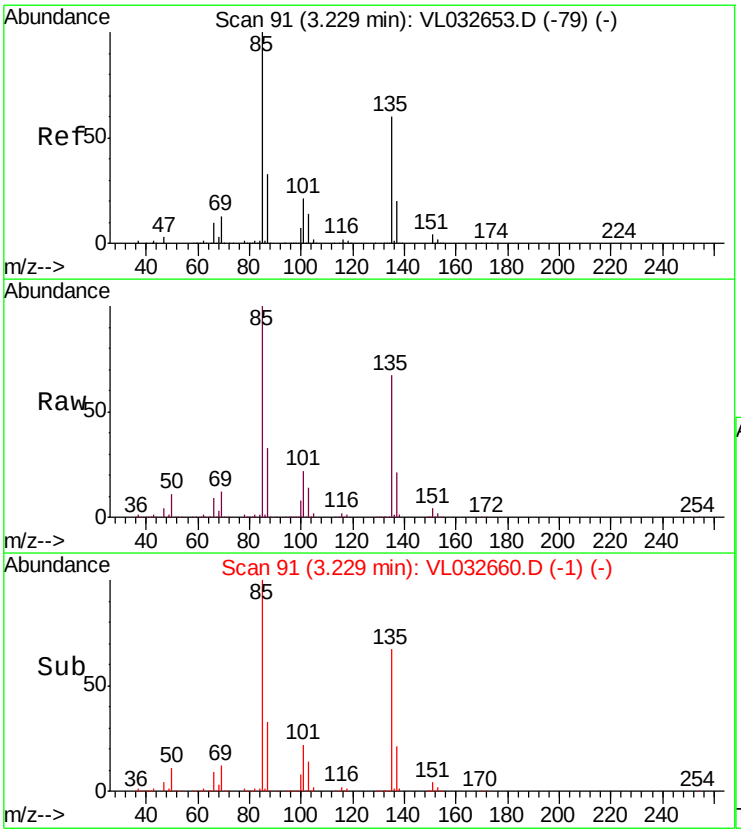
#7
Chloroethane
Concen: 9.496 ppbv
RT: 3.61 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 64 Resp: 270458

Ion	Ratio	Lower	Upper
64	100		
66	33.5	24.4	36.6

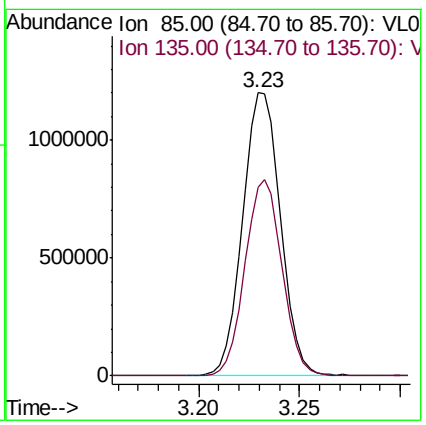


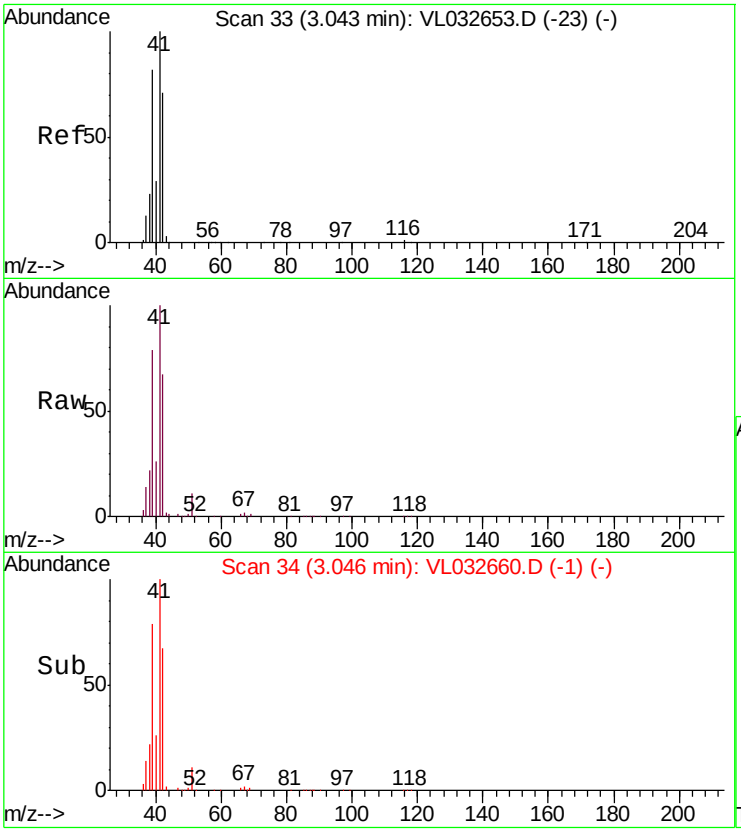


#8
Dichlorotetrafluoroethane
Concen: 9.018 ppbv
RT: 3.23 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 85 Resp: 1582268

Ion	Ratio	Lower	Upper
85	100		
135	68.0	49.0	73.4



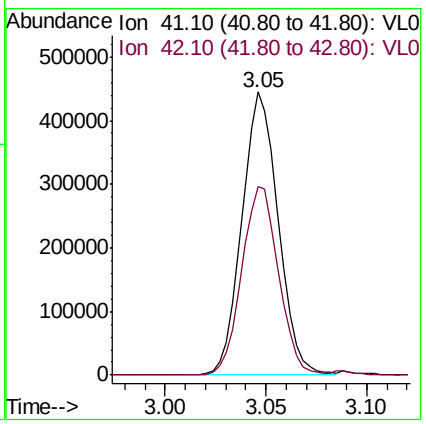


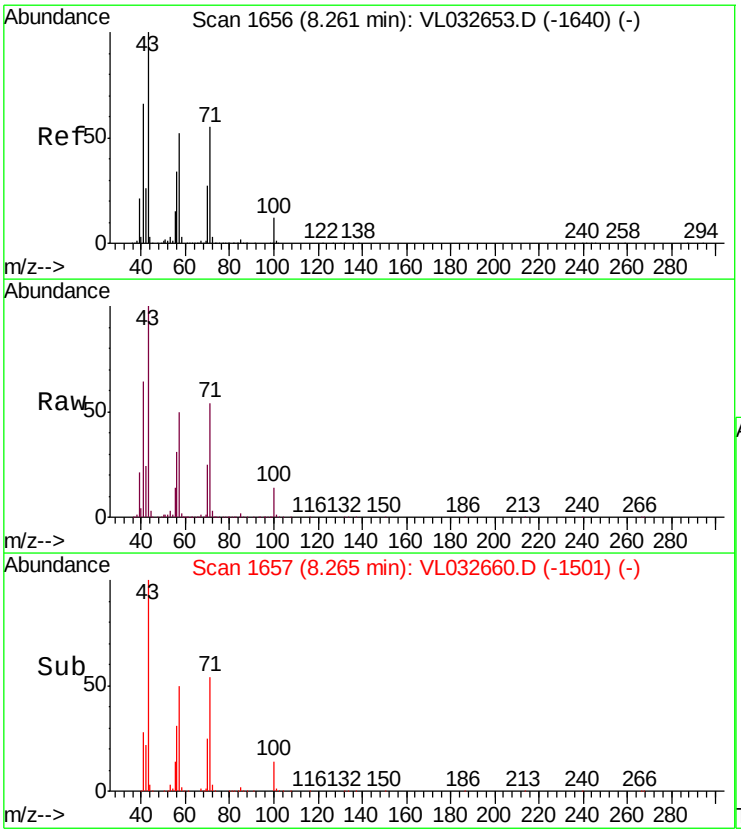
#9
Propene
Concen: 10.709 ppbv
RT: 3.05 min Scan# 34
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 41 Resp: 563092

Ion	Ratio	Lower	Upper
41	100		
42	68.4	55.4	83.0

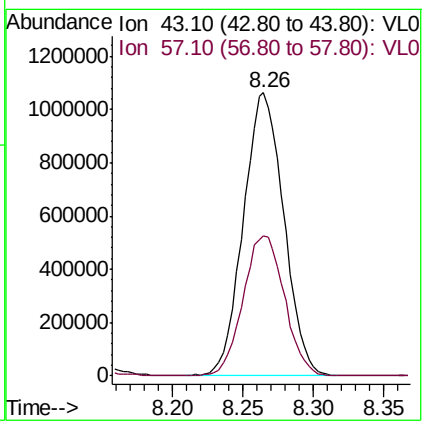


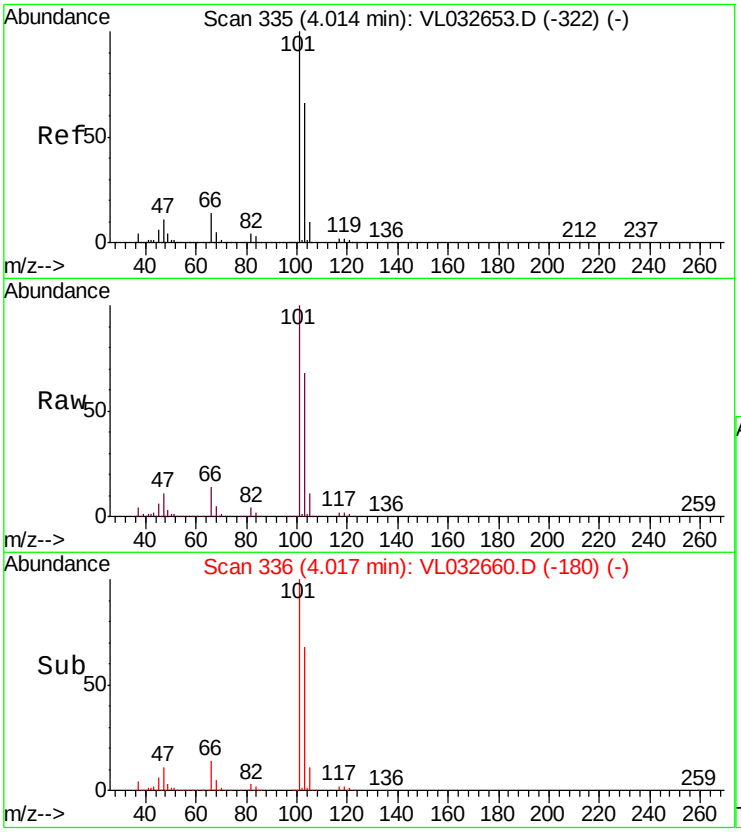


#10
Heptane
Concen: 10.493 ppbv
RT: 8.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 43 Resp: 2126290

Ion	Ratio	Lower	Upper
43	100		
57	50.8	41.5	62.3



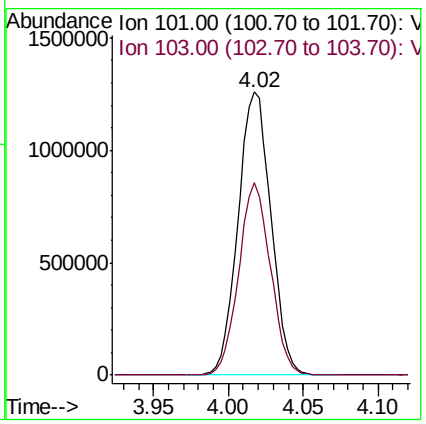


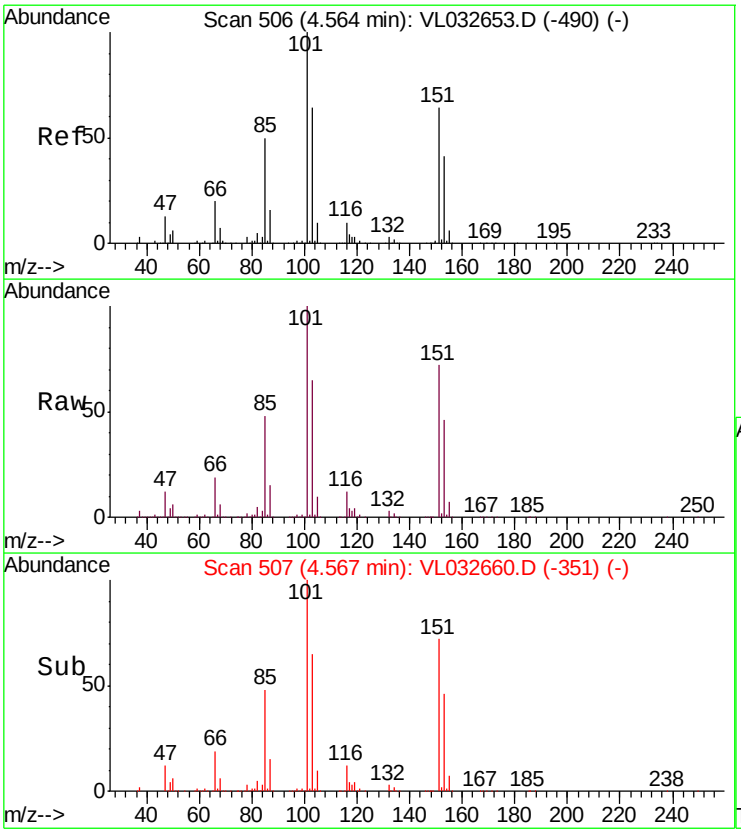
#11
Trichlorofluoromethane
Concen: 8.900 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion:101 Resp: 1935165

Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.4	77.2

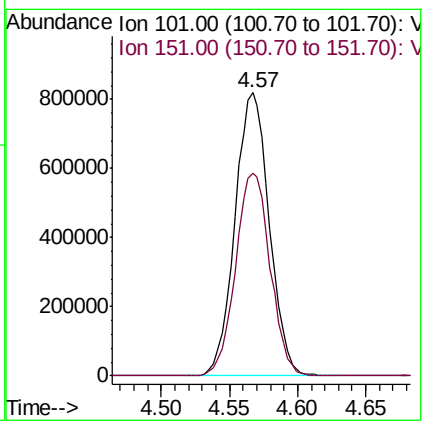


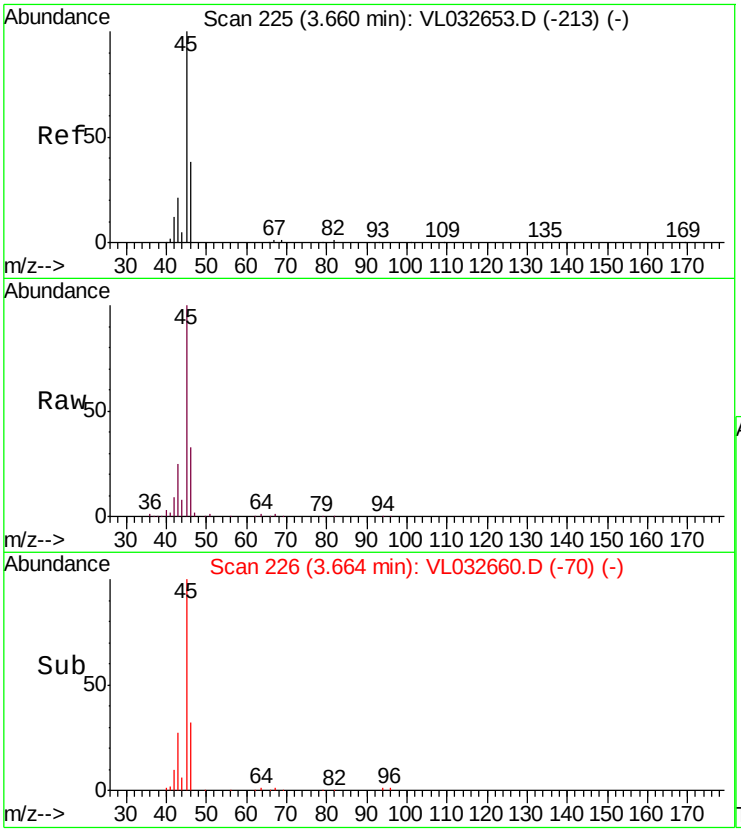


#12
1,1,2-Trichlorotrifluoroethane
Concen: 7.894 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:101 Resp: 1427391

Ion	Ratio	Lower	Upper
101	100		
151	72.3	52.3	78.5



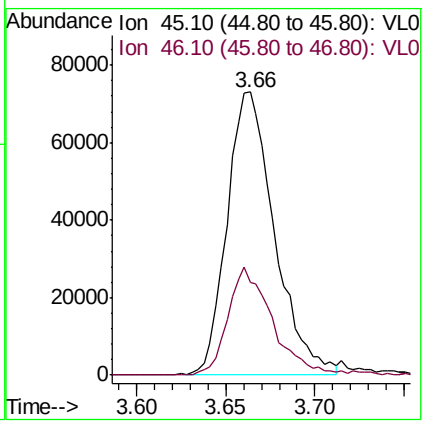


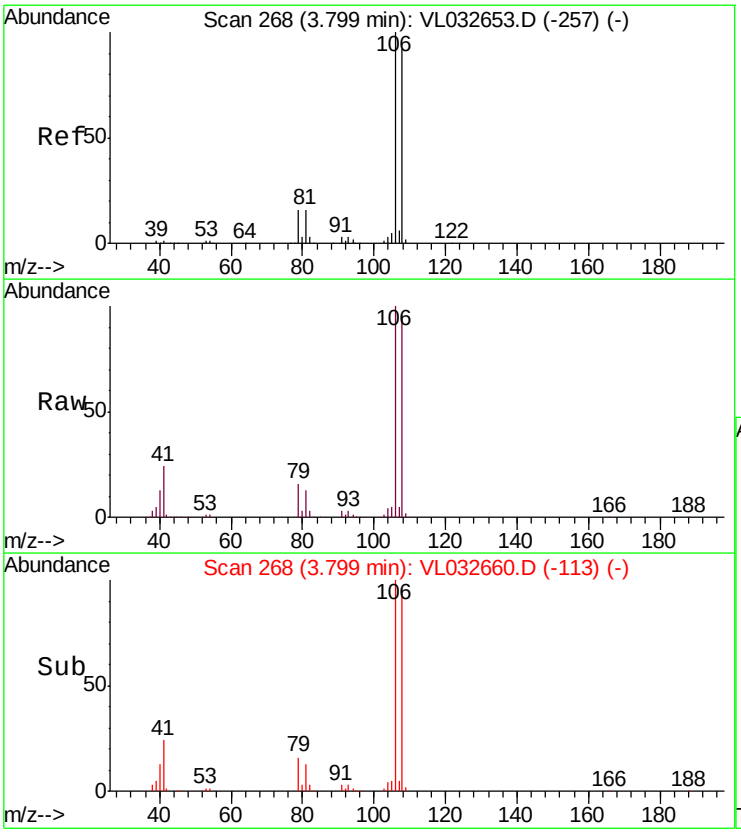
#13
Ethanol
Concen: 9.002 ppbv
RT: 3.66 min Scan# 226
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 45 Resp: 135283

Ion	Ratio	Lower	Upper
45	100		
46	36.5	15.4	61.8

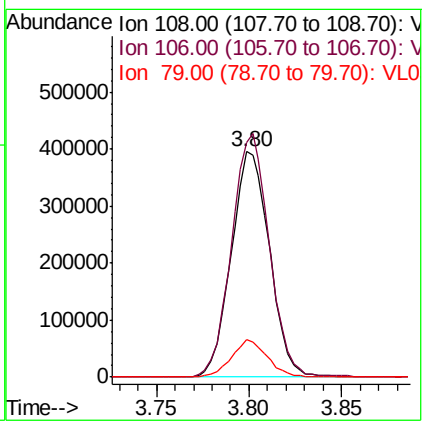


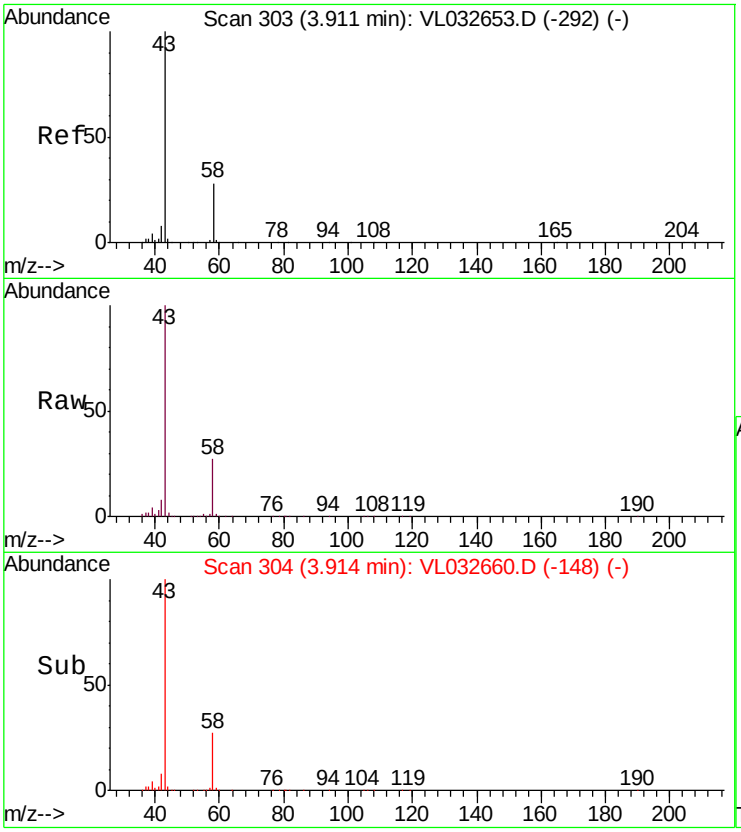


#14
Bromoethene
Concen: 9.266 ppbv
RT: 3.80 min Scan# 268
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:108 Resp: 566225

Ion	Ratio	Lower	Upper
108	100		
106	107.3	85.0	127.4
79	15.6	13.7	20.5



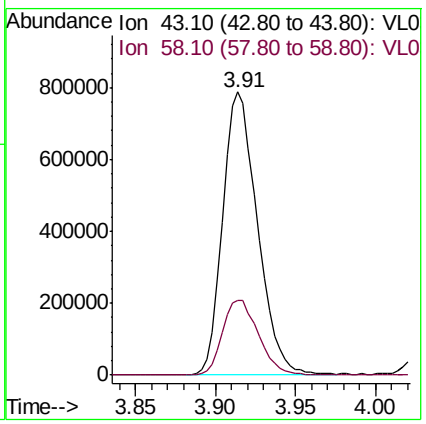


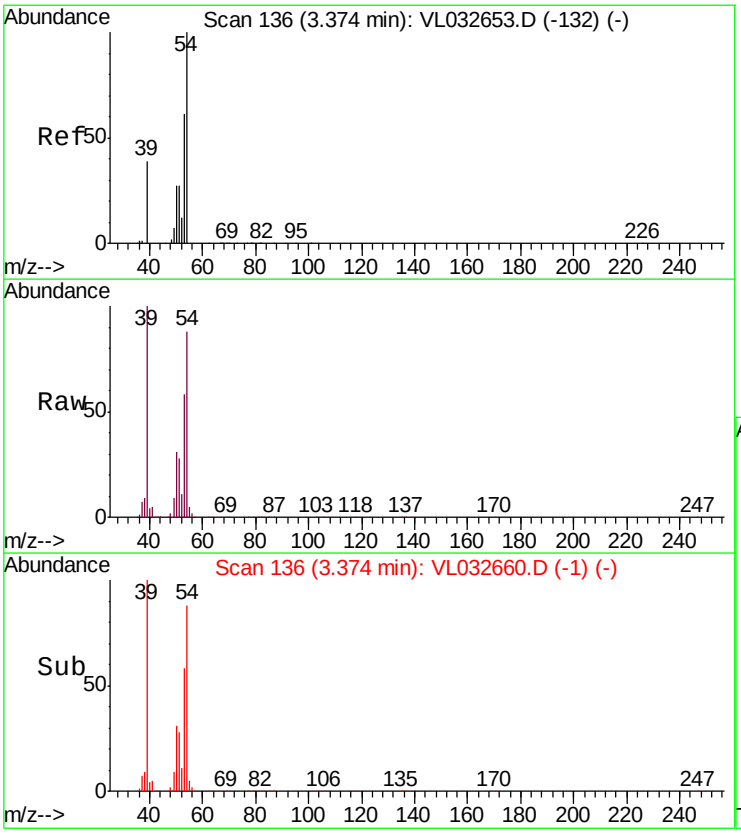
#15
Acetone
Concen: 7.755 ppbv
RT: 3.91 min Scan# 304
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 43 Resp: 1169955

Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1

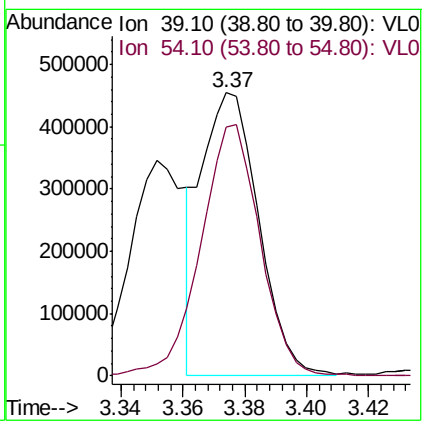


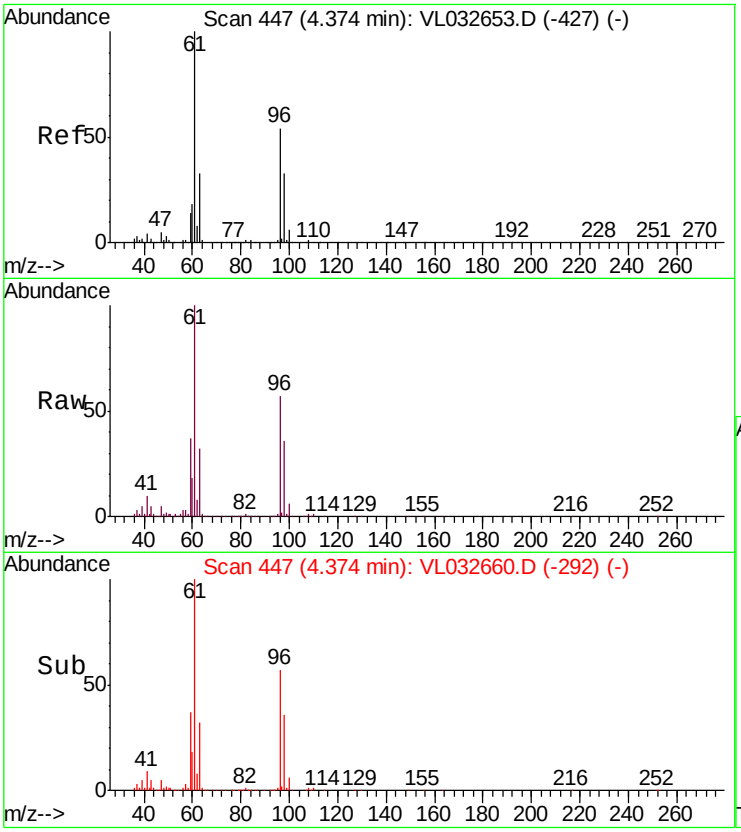


#16
1,3-Butadiene
Concen: 10.481 ppbv
RT: 3.37 min Scan# 136
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 39 Resp: 581694

Ion	Ratio	Lower	Upper
39	100		
54	93.1	90.4	135.6



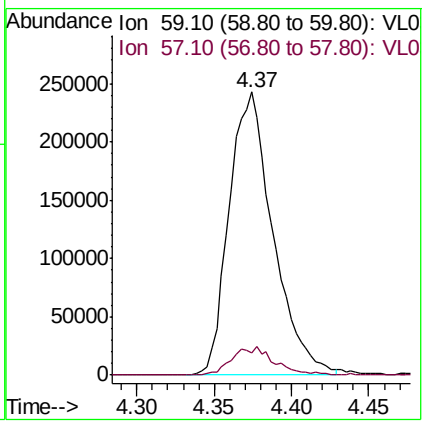


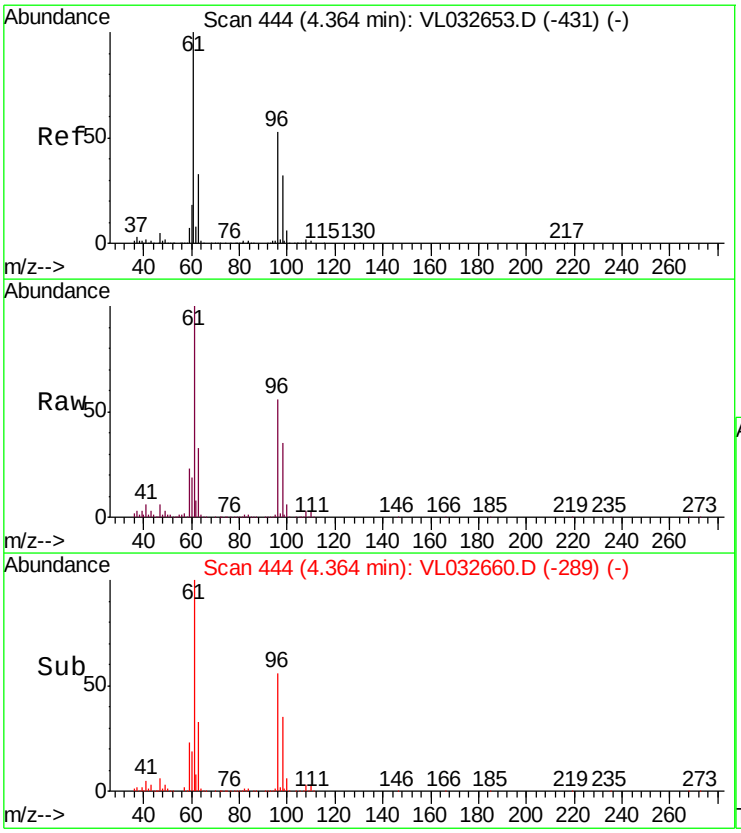
#17
tert-Butyl alcohol
Concen: 10.752 ppbv
RT: 4.37 min Scan# 447
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 59 Resp: 477088

Ion	Ratio	Lower	Upper
59	100		
57	9.8	0.0	0.0#

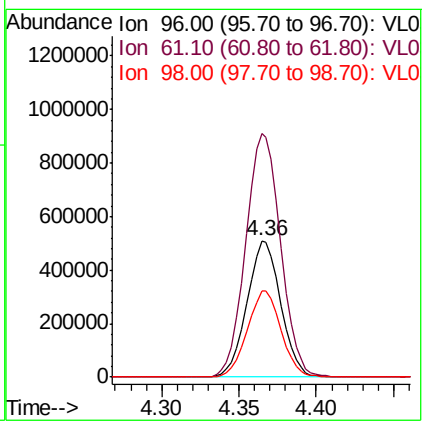


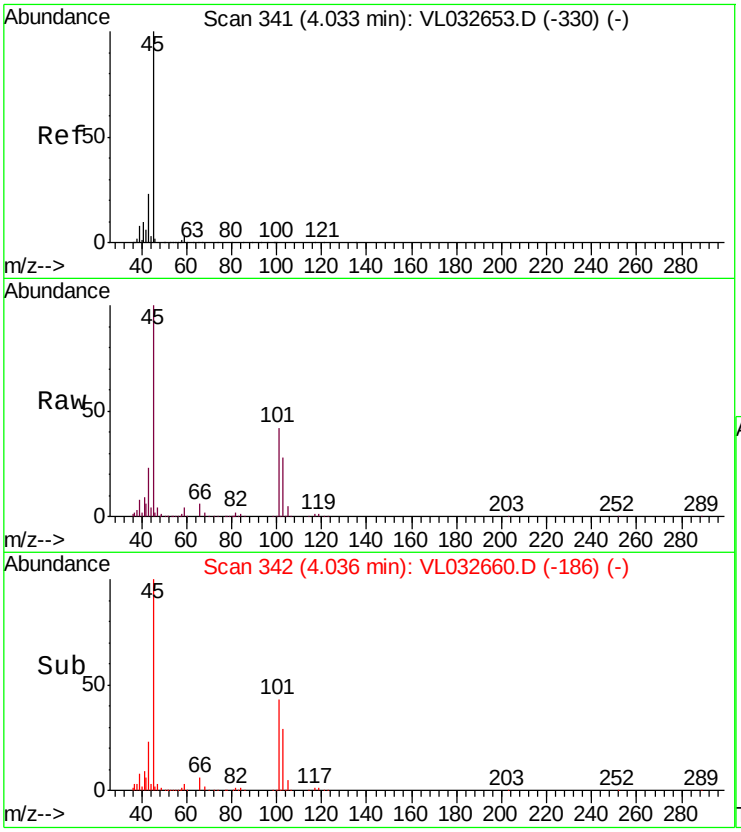


#18
1,1-Dichloroethene
Concen: 9.738 ppbv
RT: 4.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 96 Resp: 773548

Ion	Ratio	Lower	Upper
96	100		
61	178.8	151.6	227.4
98	63.1	50.6	75.8



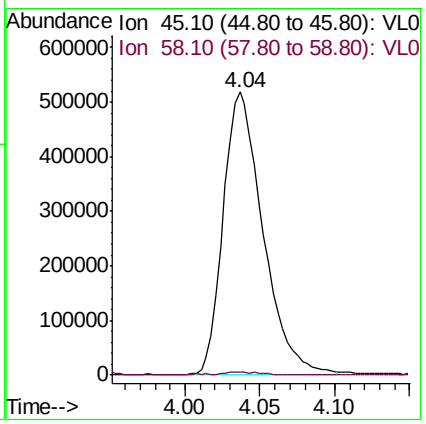


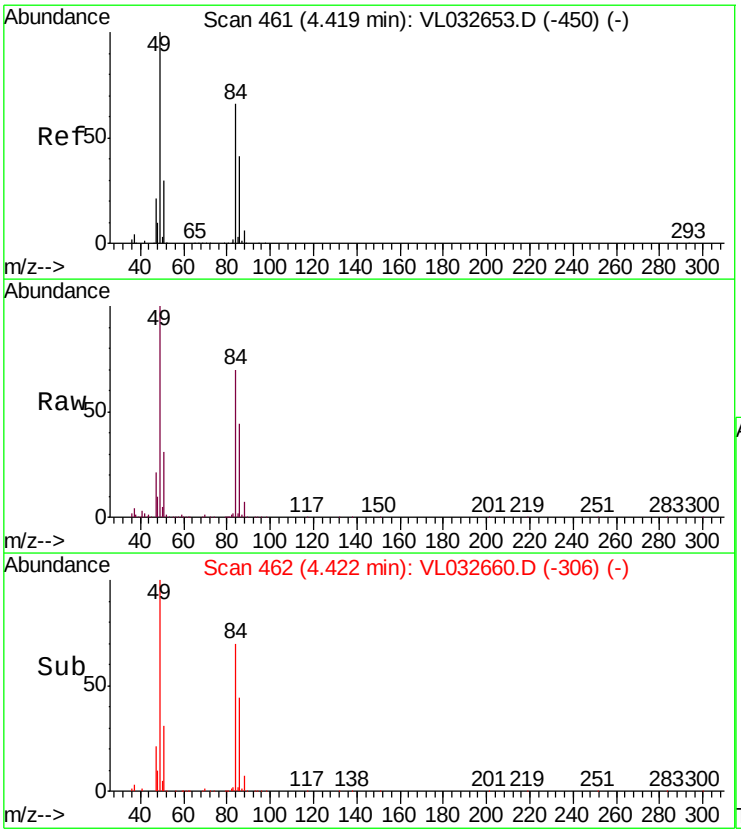
#19
Isopropyl Alcohol
Concen: 8.906 ppbv
RT: 4.04 min Scan# 342
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 45 Resp: 956861

Ion	Ratio	Lower	Upper
45	100		
58	1.2	2.0	3.0#

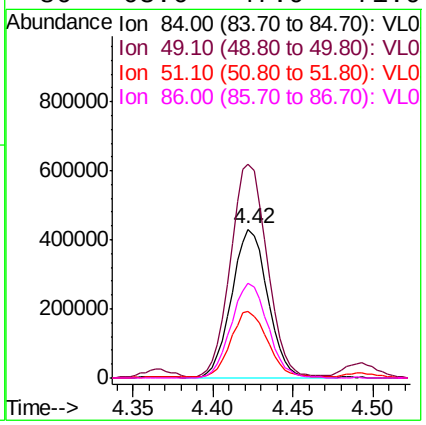


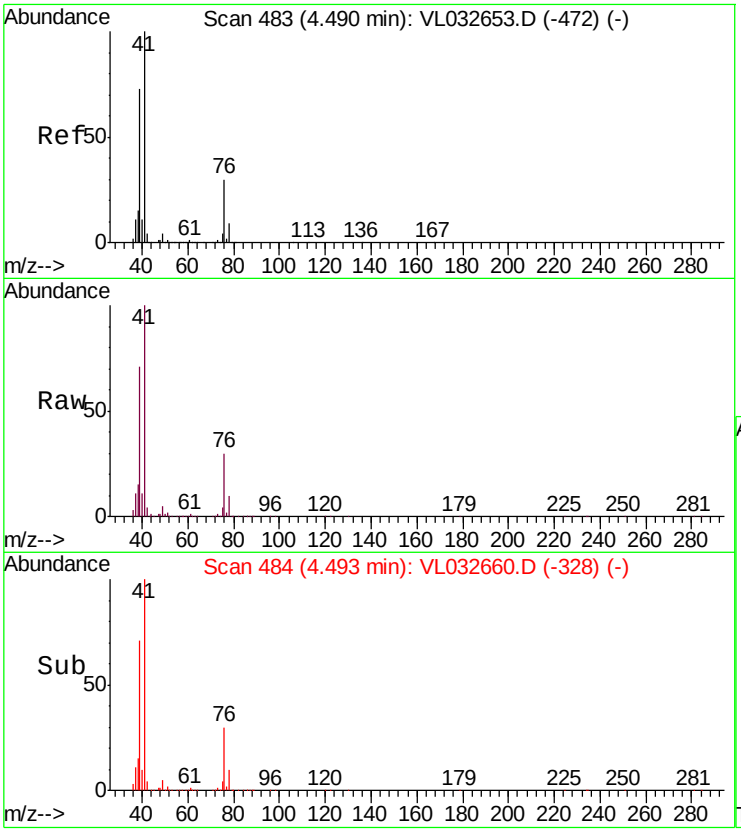


#20
Methylene Chloride
Concen: 8.579 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 84 Resp: 657014

Ion	Ratio	Lower	Upper
84	100		
49	142.9	113.5	170.3
51	44.3	34.8	52.2
86	63.6	47.9	71.9



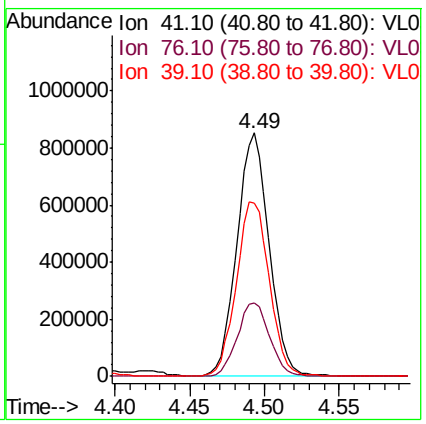


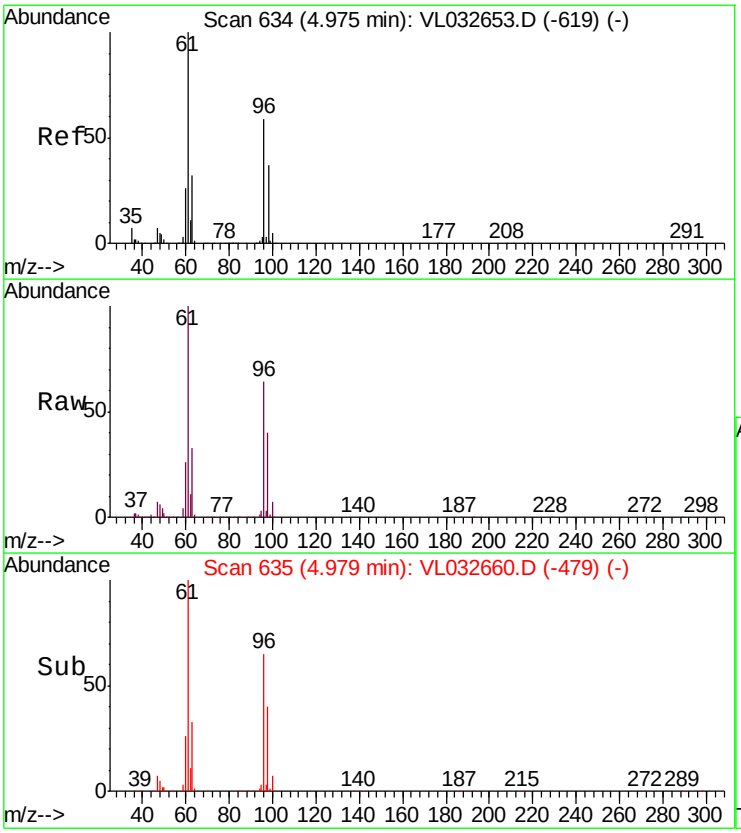
#21
Allyl Chloride
Concen: 10.261 ppbv
RT: 4.49 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 41 Resp: 1271107

Ion	Ratio	Lower	Upper
41	100		
76	30.7	24.3	36.5
39	73.9	60.3	90.5

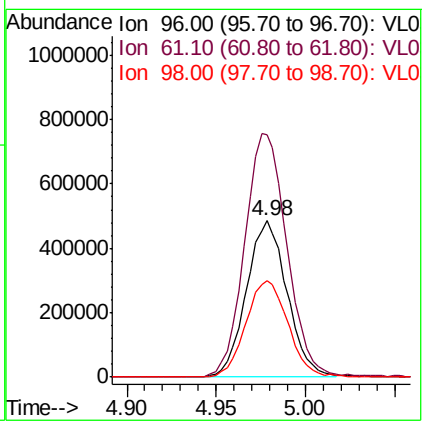




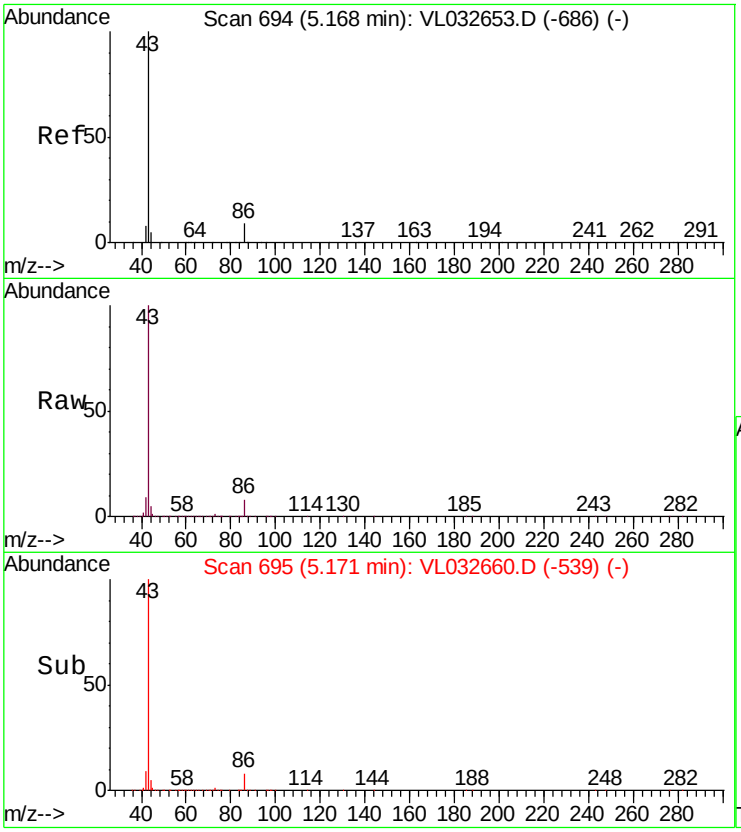
#22
trans-1,2-Dichloroethene
Concen: 9.520 ppbv
RT: 4.98 min Scan# 635
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 96 Resp: 775675

Ion	Ratio	Lower	Upper
96	100		
61	155.1	140.4	210.6
98	61.7	55.0	82.6



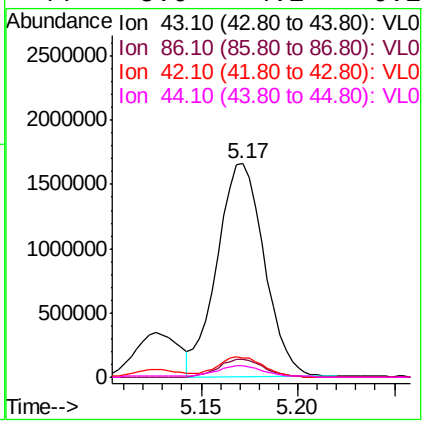
Instrument : MSVOA_L
ClientSampleId : ICVVL101818

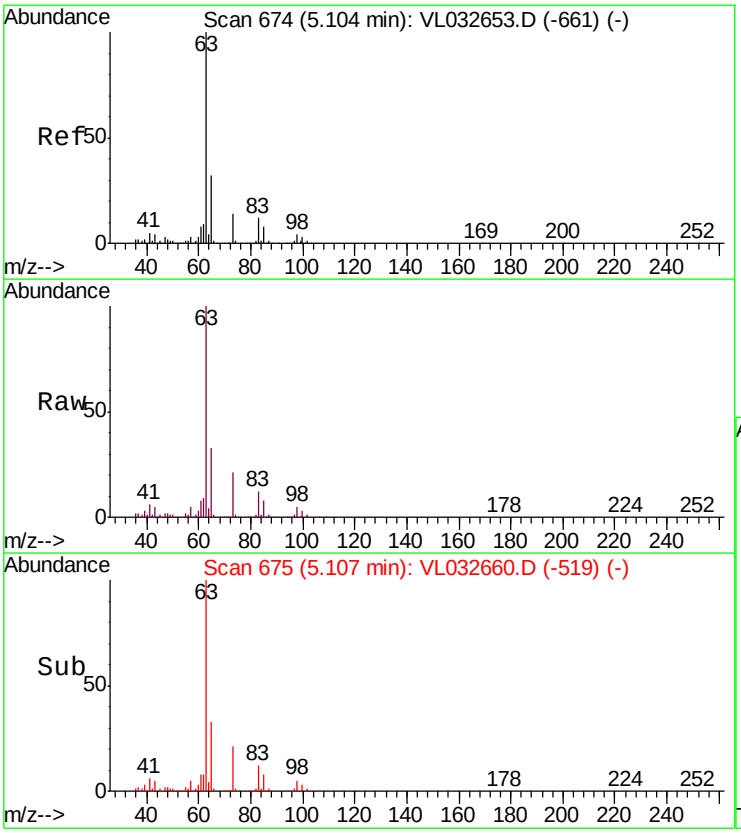


#23
Vinyl Acetate
Concen: 10.486 ppbv
RT: 5.17 min Scan# 695
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 43 Resp: 2803430

Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.1	9.1
42	9.2	7.4	11.2
44	5.0	4.2	6.2

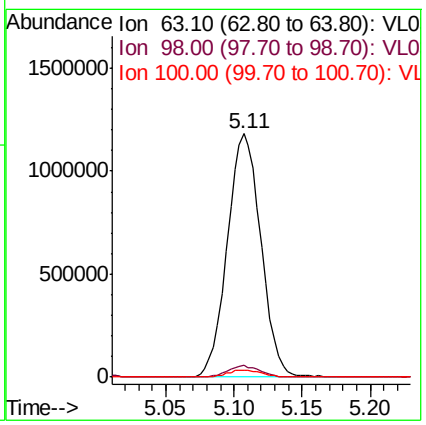


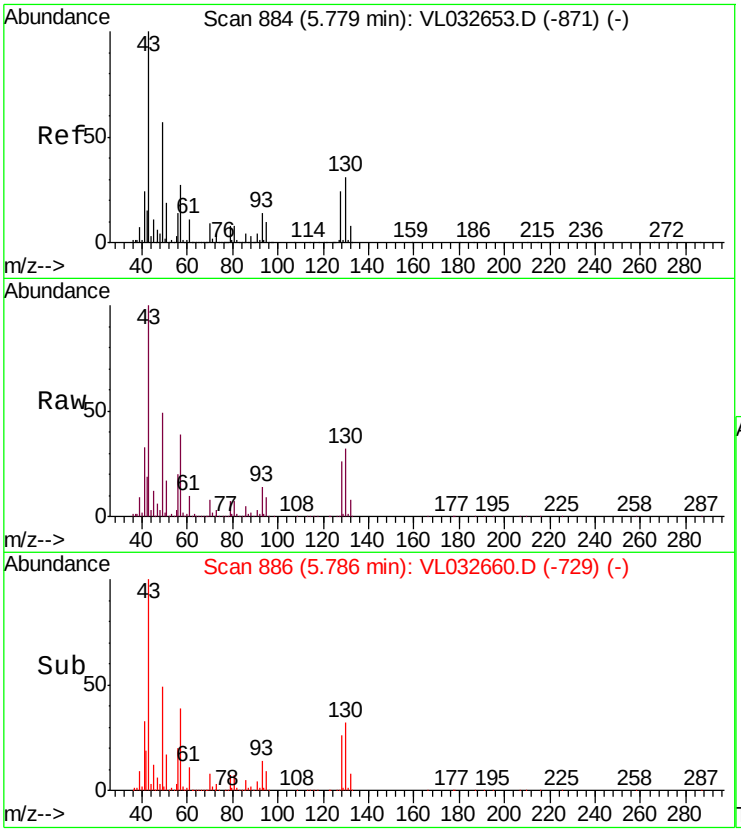


#24
1,1-Dichloroethane
Concen: 9.559 ppbv
RT: 5.11 min Scan# 675
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 63 Resp: 2006088

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.3
100	2.8	1.2	3.6



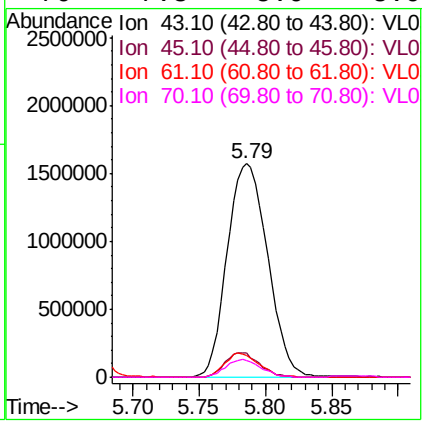


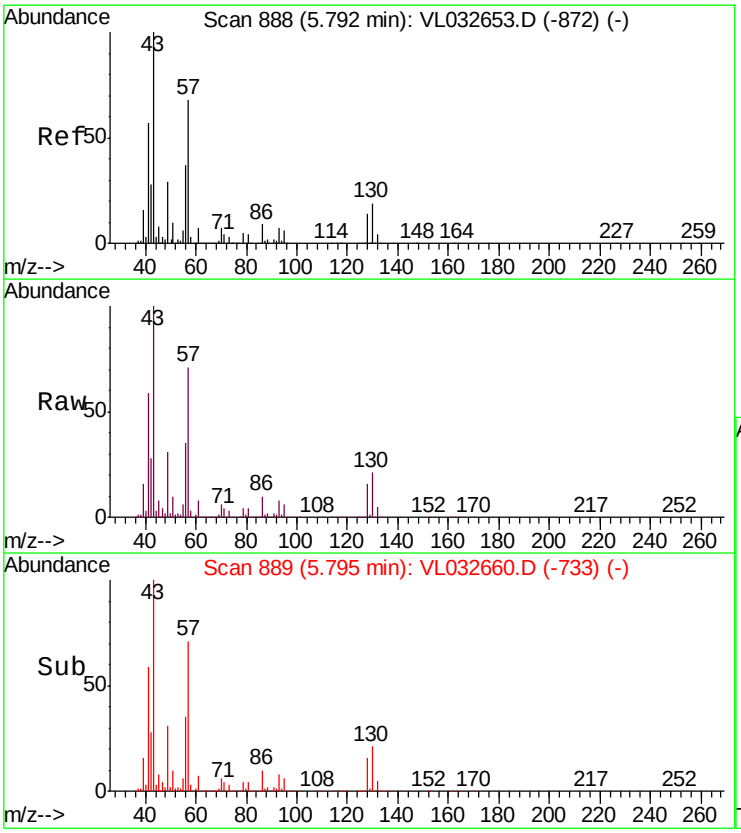
#25
Ethyl Acetate
Concen: 9.602 ppbv
RT: 5.79 min Scan# 886
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 43 Resp: 3334627

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.7	8.0	12.0
70	7.3	5.9	8.9

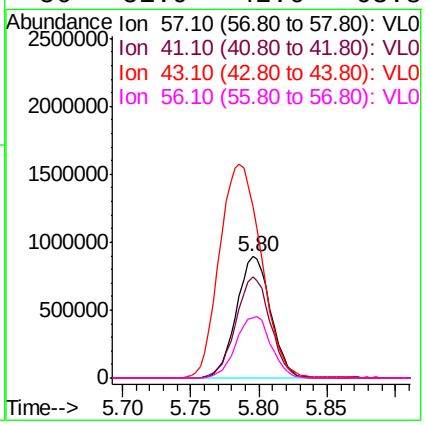


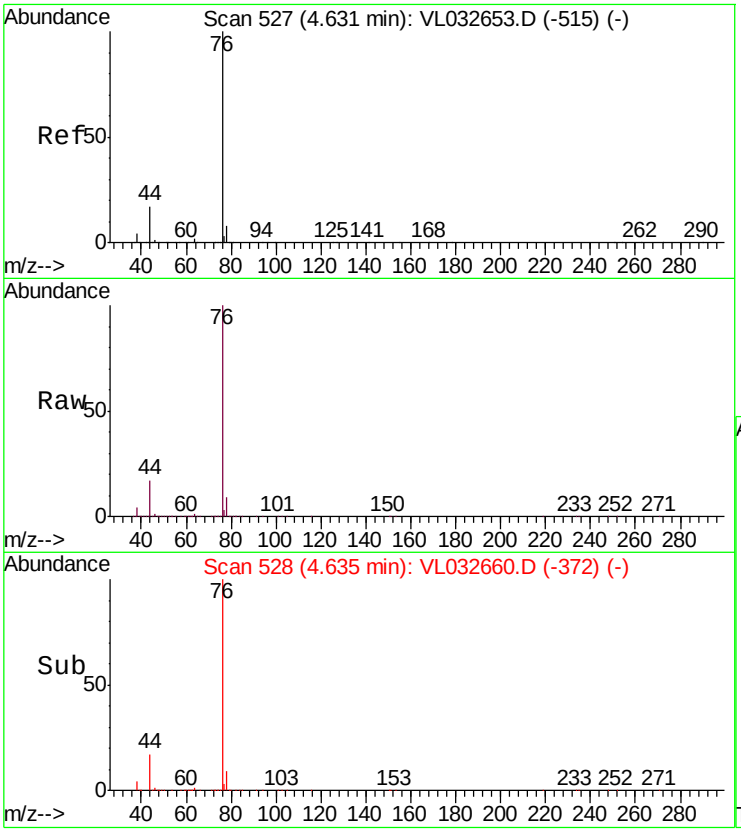


#26
Hexane
Concen: 9.487 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 57 Resp: 1558840

Ion	Ratio	Lower	Upper
57	100		
41	83.9	67.4	101.0
43	214.8	171.9	257.9
56	51.9	42.6	63.8



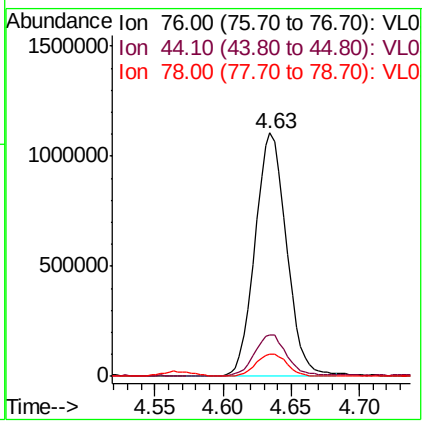


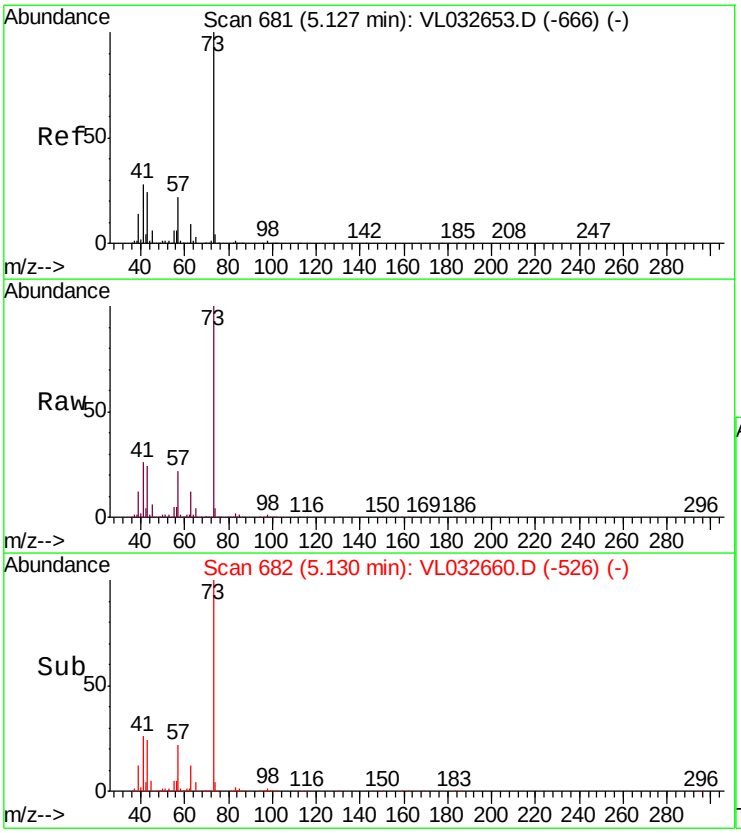
#27
Carbon Disulfide
Concen: 8.888 ppbv
RT: 4.63 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 76 Resp: 1771660

Ion	Ratio	Lower	Upper
76	100		
44	17.2	13.7	20.5
78	9.1	7.4	11.2

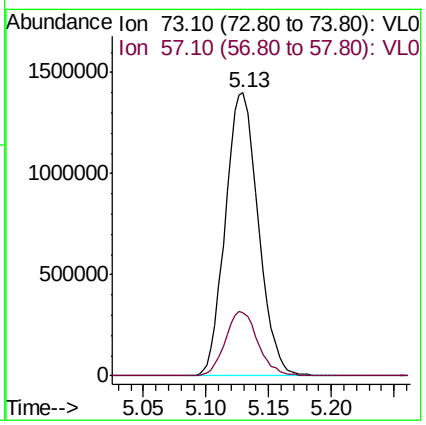


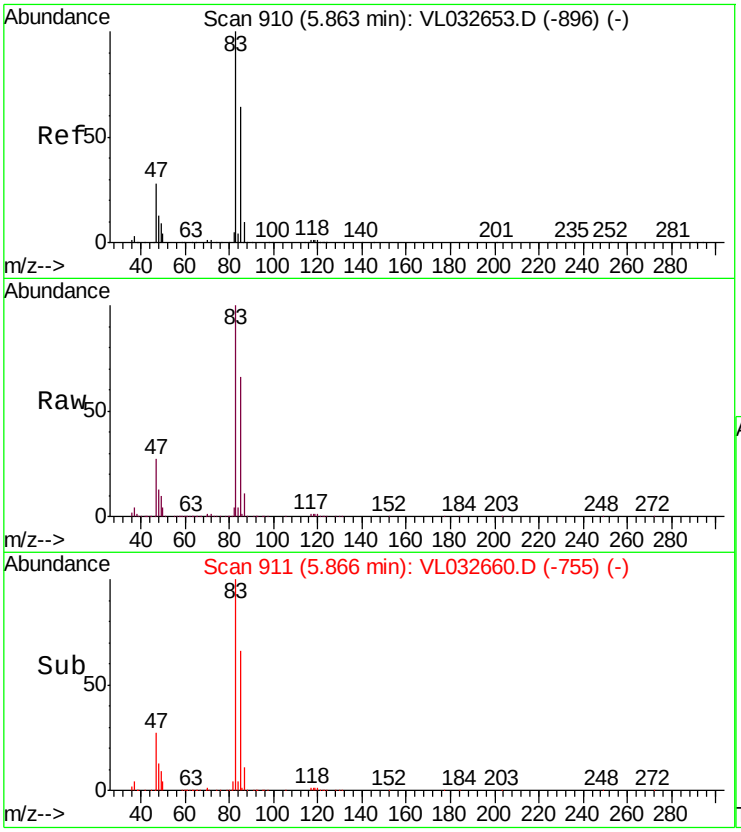


#28
Methyl tert-Butyl Ether
Concen: 10.804 ppbv
RT: 5.13 min Scan# 682
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 73 Resp: 2551295

Ion	Ratio	Lower	Upper
73	100		
57	22.6	18.0	27.0



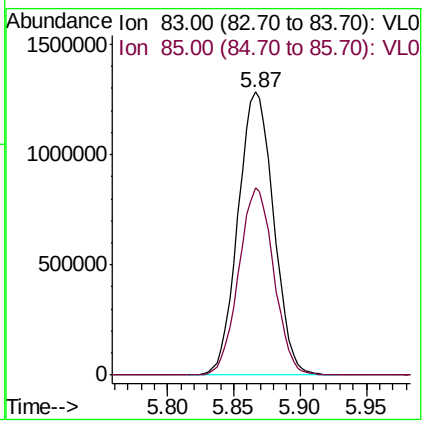


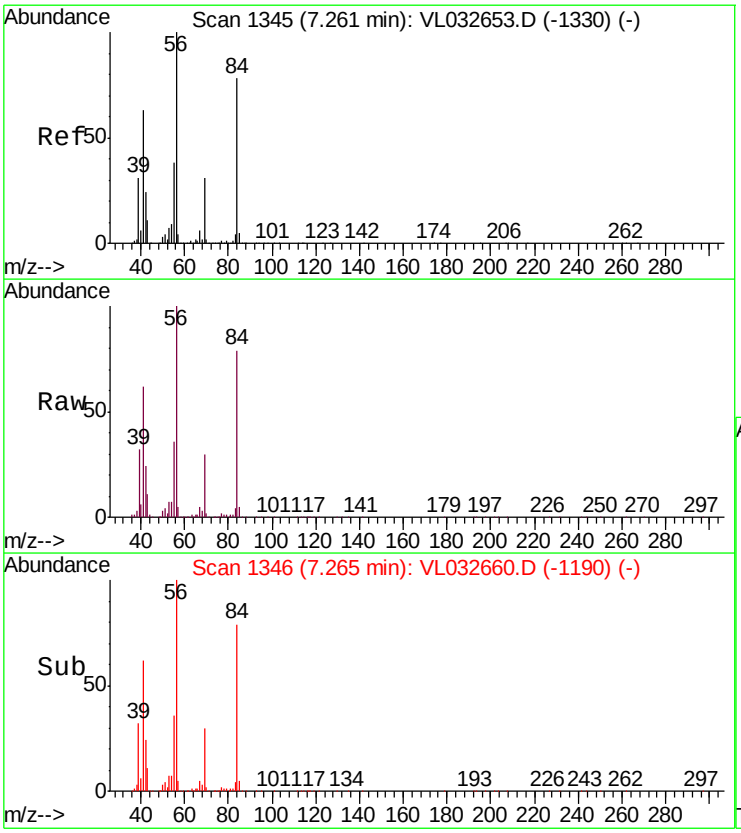
#29
Chloroform
Concen: 9.135 ppbv
RT: 5.87 min Scan# 911
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 83 Resp: 2397561

Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.0	79.6

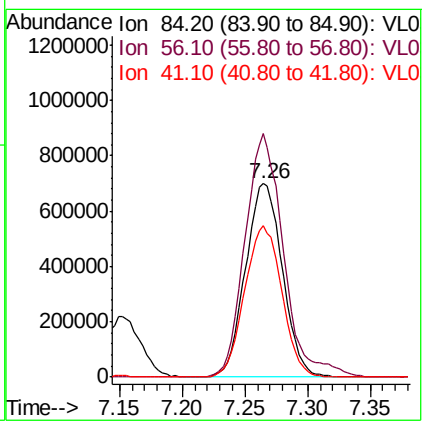


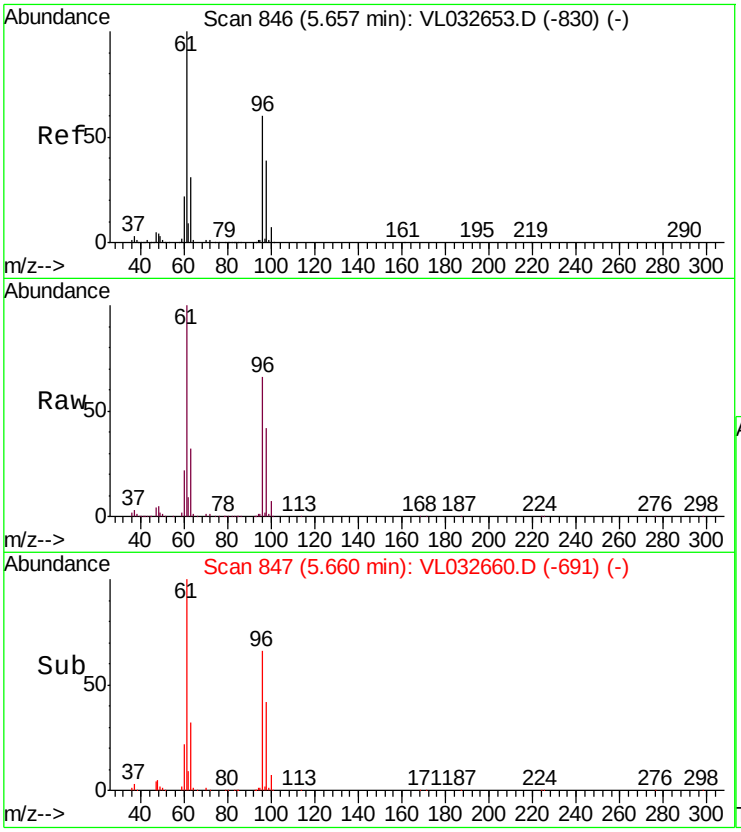


#30
Cyclohexane
Concen: 11.024 ppbv
RT: 7.26 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 84 Resp: 1433855

Ion	Ratio	Lower	Upper
84	100		
56	131.4	108.3	162.5
41	78.6	64.8	97.2



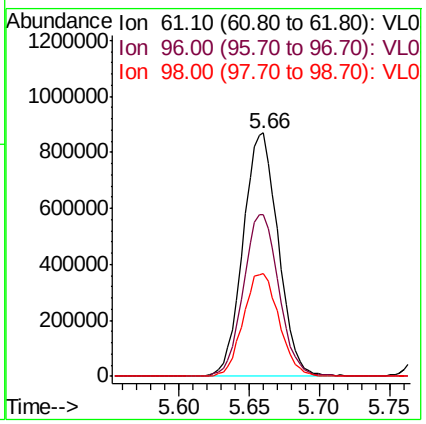


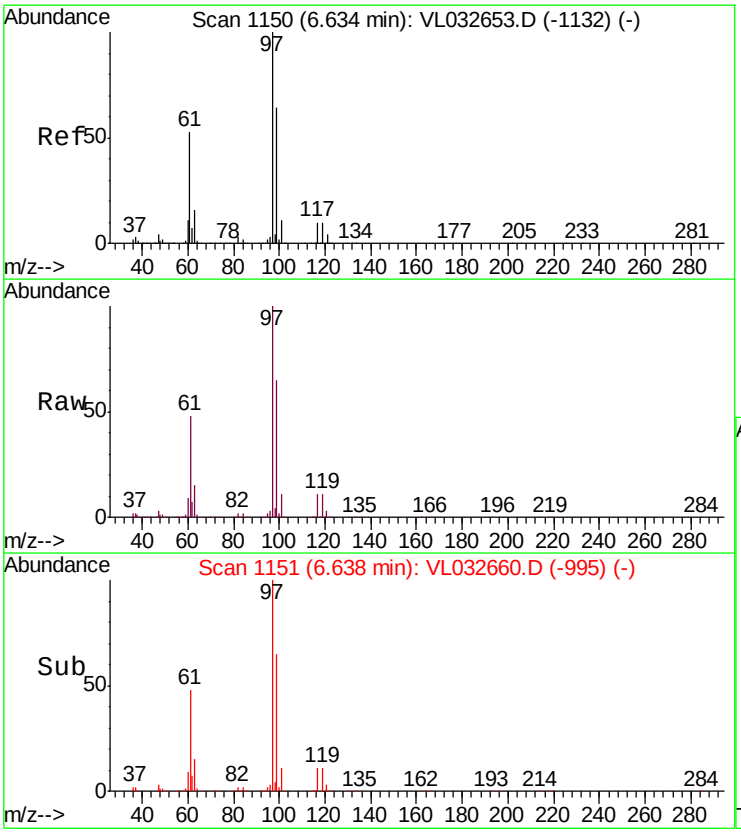
#31
cis-1,2-Dichloroethene
Concen: 9.968 ppbv
RT: 5.66 min Scan# 847
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 61 Resp: 1518619

Ion	Ratio	Lower	Upper
61	100		
96	66.2	51.8	77.6
98	42.2	33.8	50.6

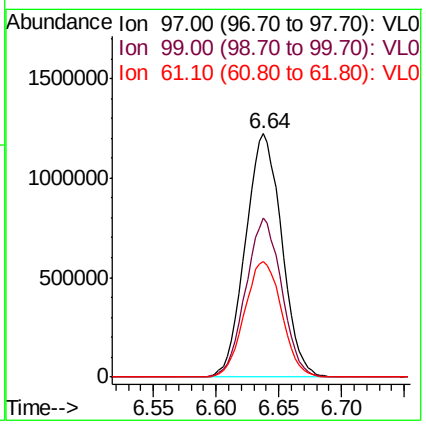


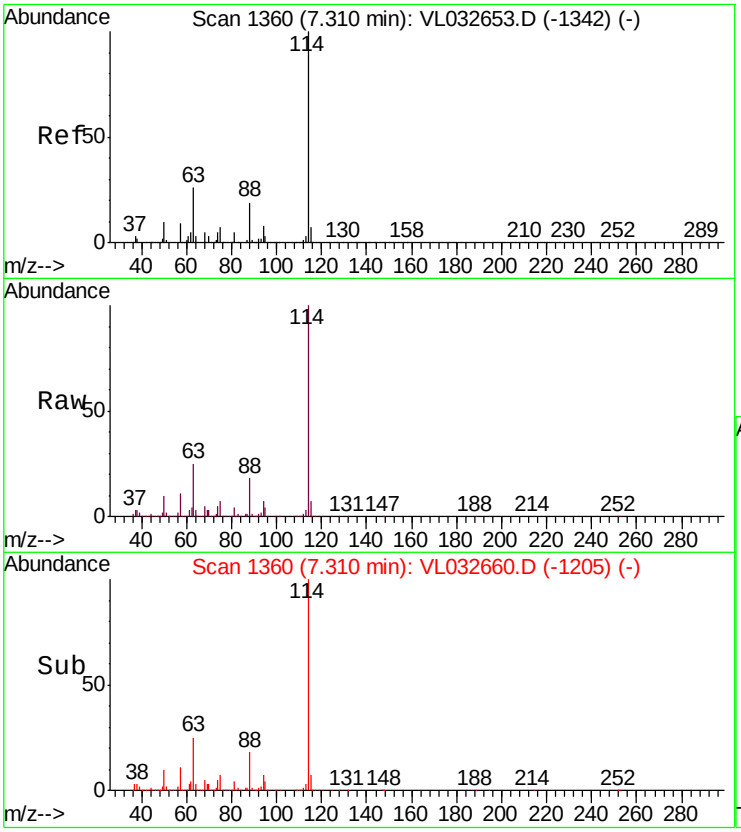


#32
1,1,1-Trichloroethane
Concen: 9.240 ppbv
RT: 6.64 min Scan# 1151
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 97 Resp: 2464489

Ion	Ratio	Lower	Upper
97	100		
99	64.7	52.0	78.0
61	48.8	40.7	61.1



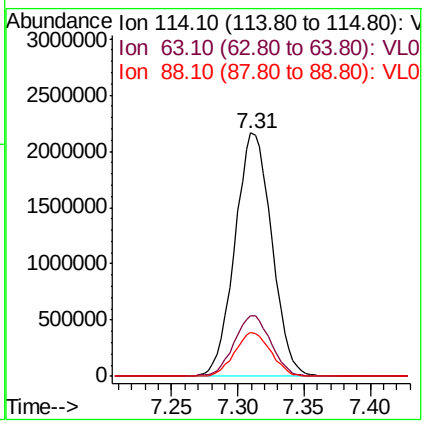


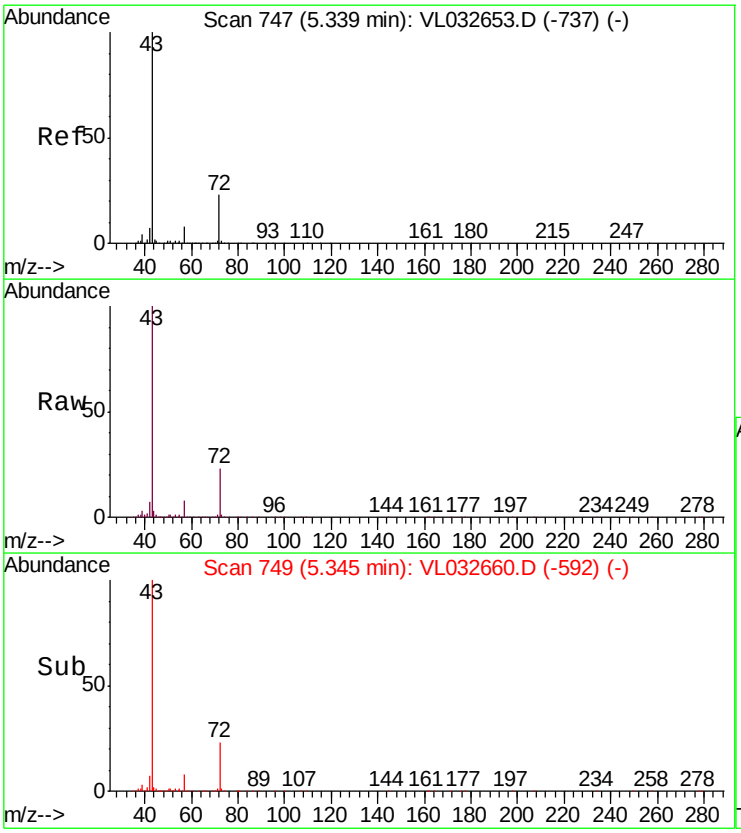
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1360
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:114 Resp: 4180300

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	17.8	14.9	22.3

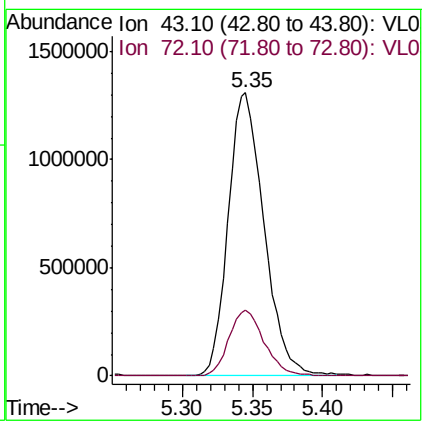


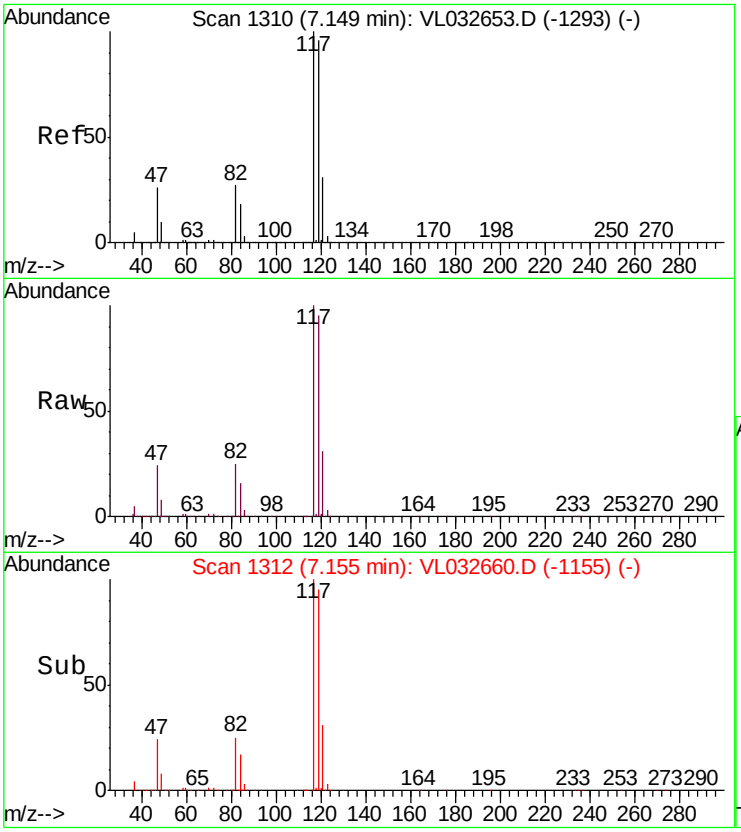


#34
2-Butanone
Concen: 10.342 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 43 Resp: 2317468

Ion	Ratio	Lower	Upper
43	100		
72	23.1	18.6	27.8



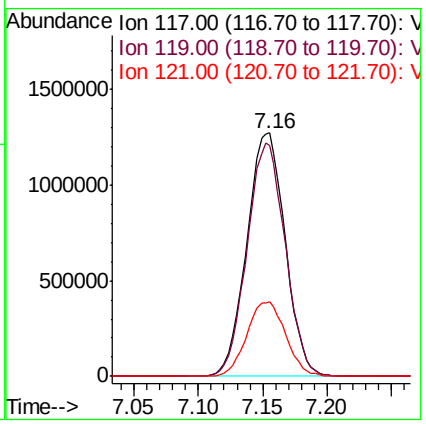


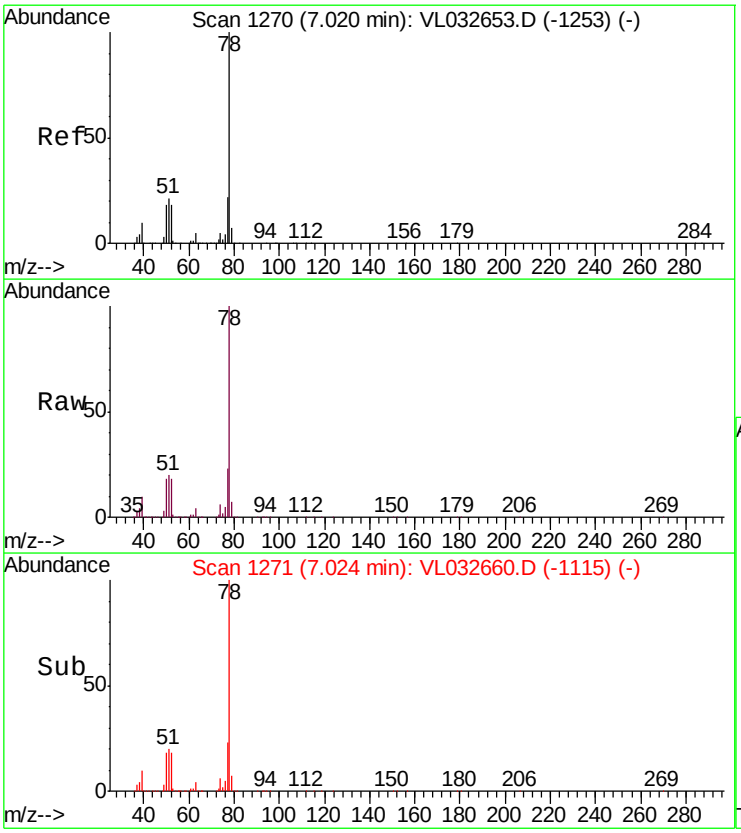
#35
Carbon Tetrachloride
Concen: 8.899 ppbv
RT: 7.16 min Scan# 1312
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:117 Resp: 2640116

Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.7	113.5
121	30.8	24.7	37.1

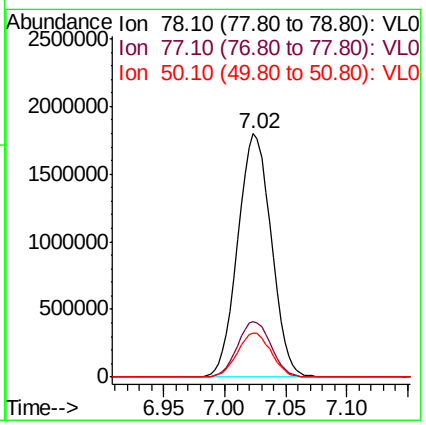


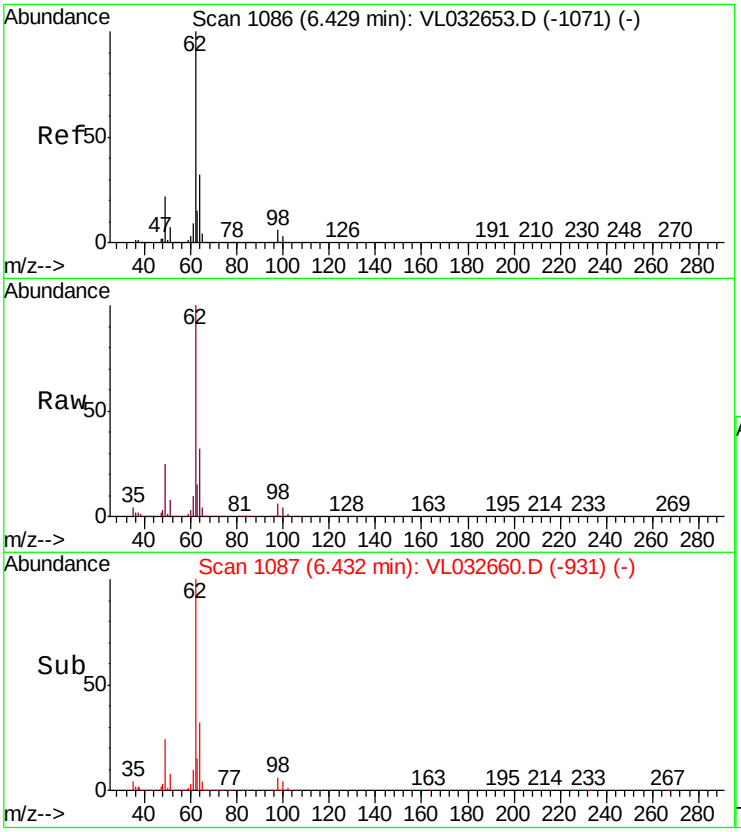


#36
Benzene
Concen: 10.036 ppbv
RT: 7.02 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 78 Resp: 3406770

Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.1	27.1
50	18.2	15.1	22.7



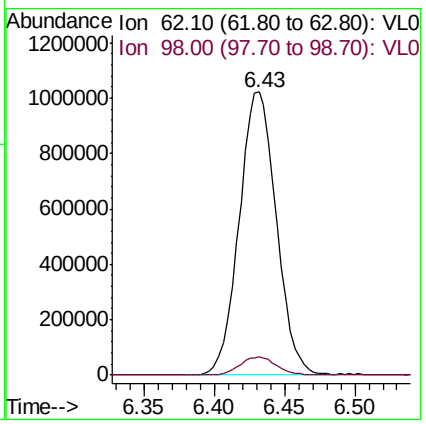


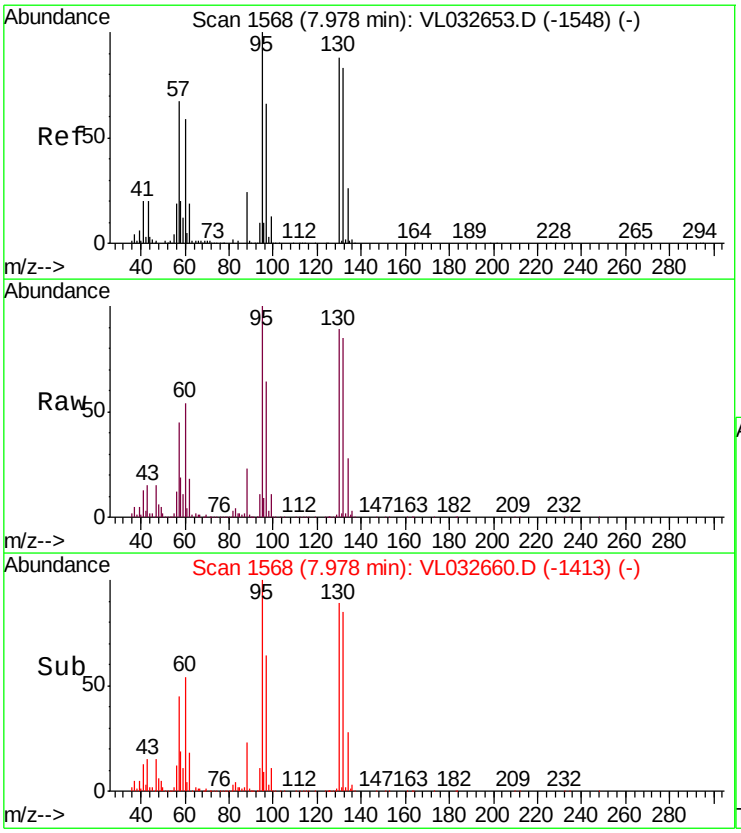
#37
1,2-Dichloroethane
Concen: 9.071 ppbv
RT: 6.43 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 62 Resp: 1888594

Ion	Ratio	Lower	Upper
62	100		
98	6.4	4.4	6.6

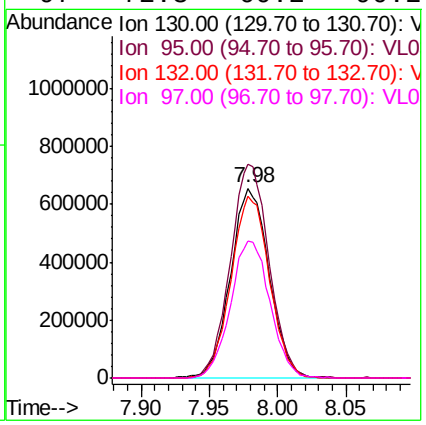


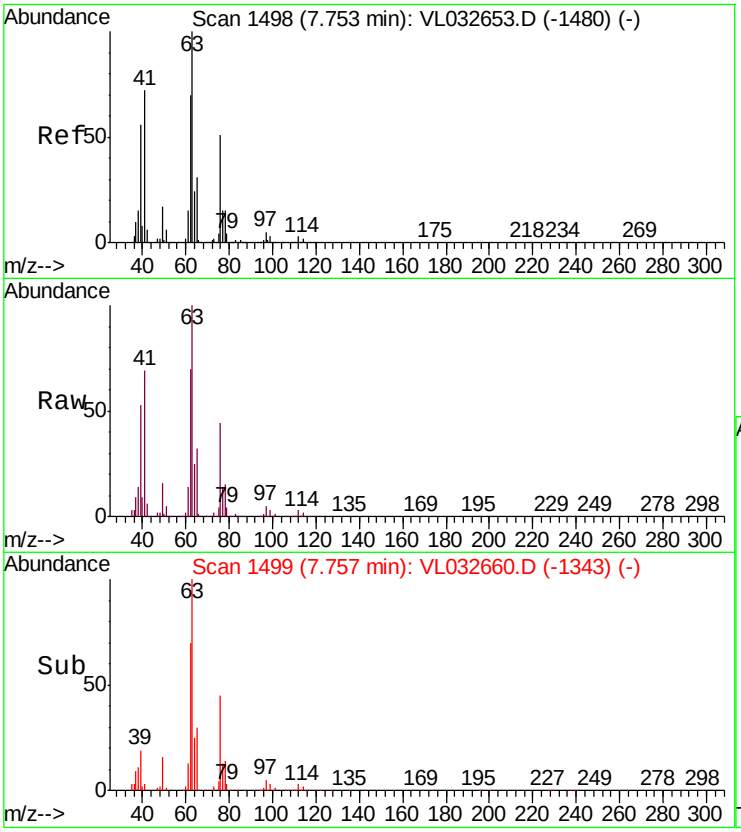


#38
Trichloroethene
Concen: 10.210 ppbv
RT: 7.98 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:130 Resp: 1283003

Ion	Ratio	Lower	Upper
130	100		
95	112.7	93.4	140.0
132	95.7	76.5	114.7
97	72.3	60.2	90.2



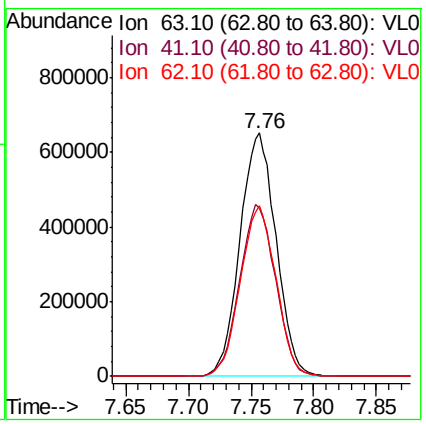


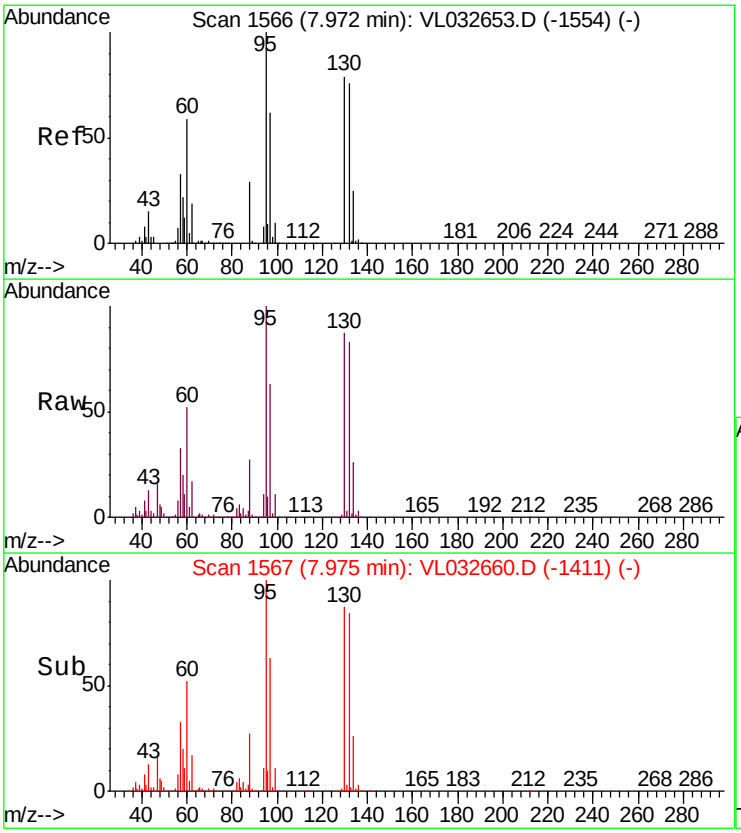
#39
1,2-Dichloropropane
Concen: 9.941 ppbv
RT: 7.76 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 63 Resp: 1303102

Ion	Ratio	Lower	Upper
63	100		
41	68.8	56.2	84.4
62	70.1	54.4	81.6

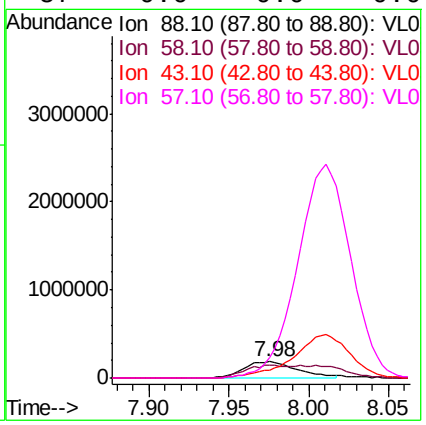


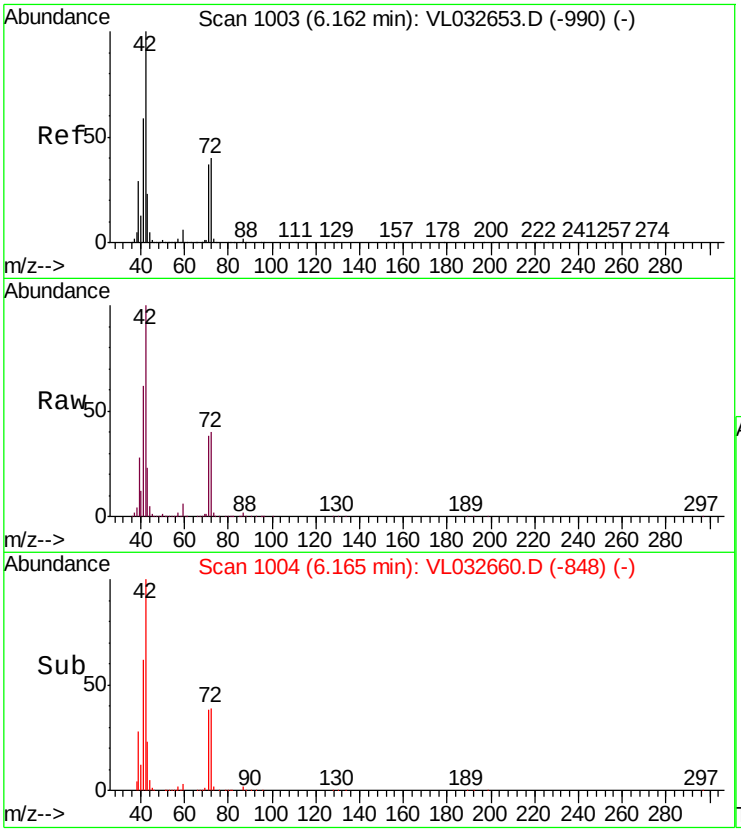


#40
1,4-Dioxane
Concen: 9.341 ppbv
RT: 7.98 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 88 Resp: 418195

Ion	Ratio	Lower	Upper
88	100		
58	138.9	104.0	156.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0



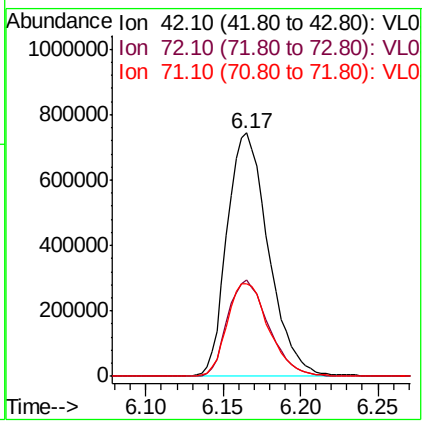


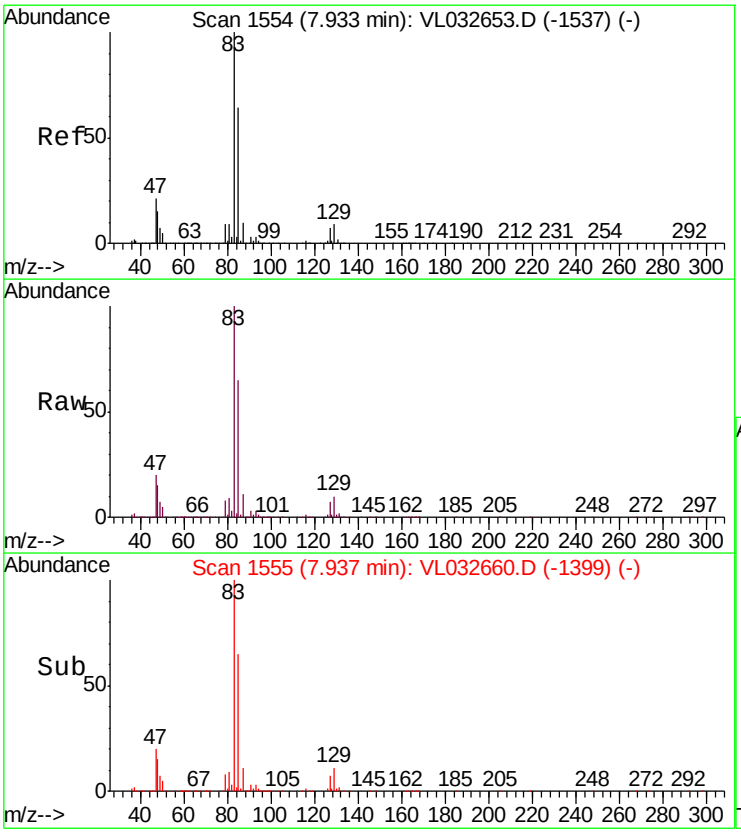
#41
Tetrahydrofuran
Concen: 11.055 ppbv
RT: 6.17 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 42 Resp: 1380510

Ion	Ratio	Lower	Upper
42	100		
72	39.5	32.4	48.6
71	38.7	31.3	46.9

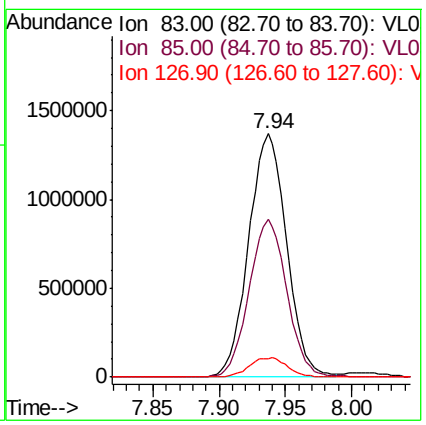


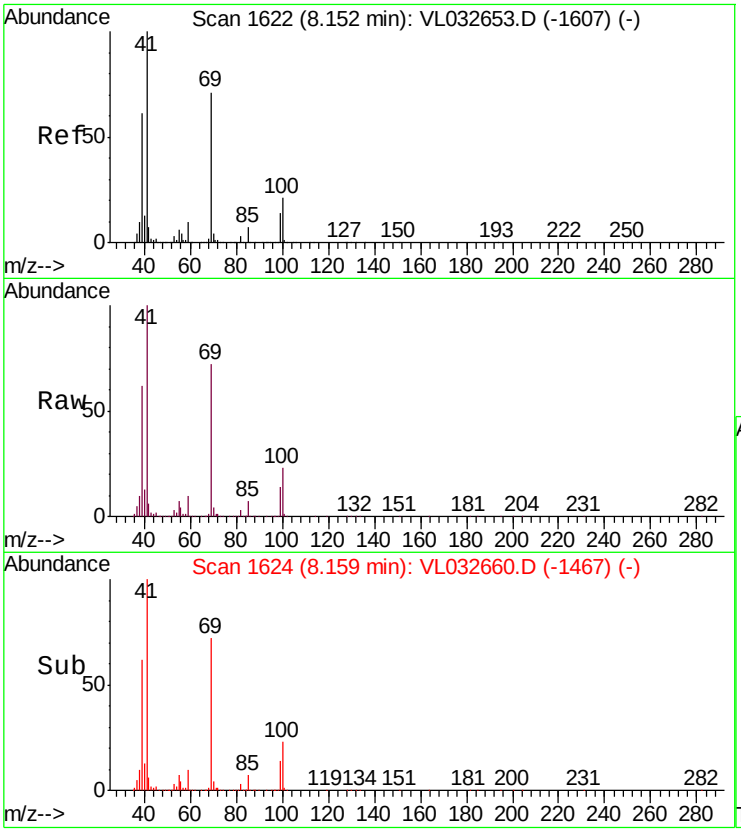


#42
Bromodichloromethane
Concen: 9.401 ppbv
RT: 7.94 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 83 Resp: 2742427

Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6
127	7.4	6.1	9.1



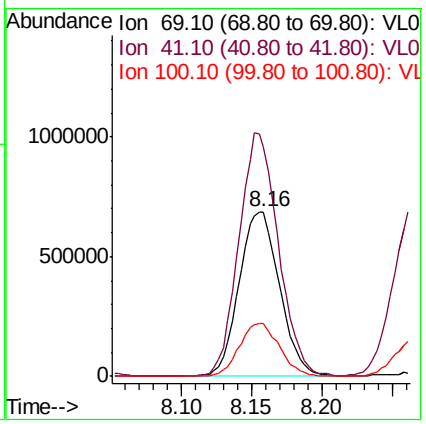


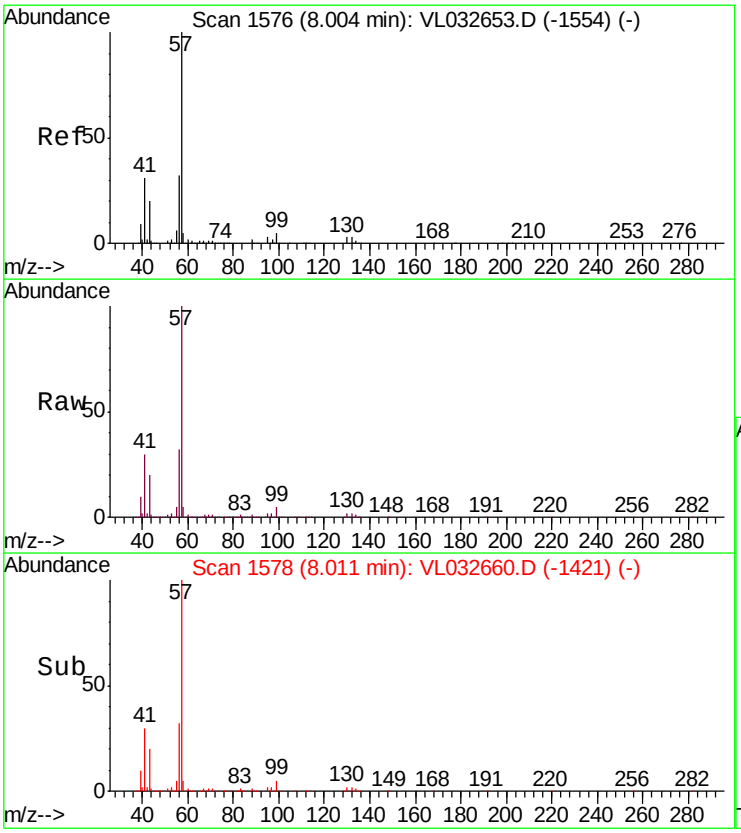
#43
Methyl Methacrylate
Concen: 11.121 ppbv
RT: 8.16 min Scan# 1624
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 69 Resp: 1383625

Ion	Ratio	Lower	Upper
69	100		
41	144.3	113.2	169.8
100	31.9	24.4	36.6

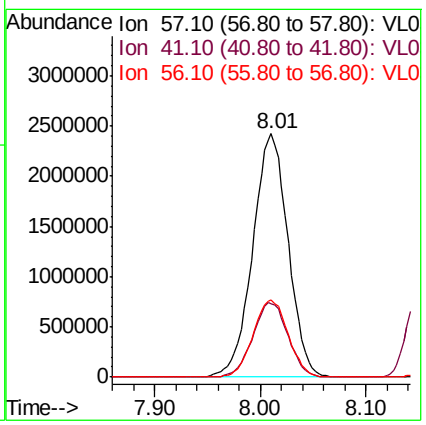


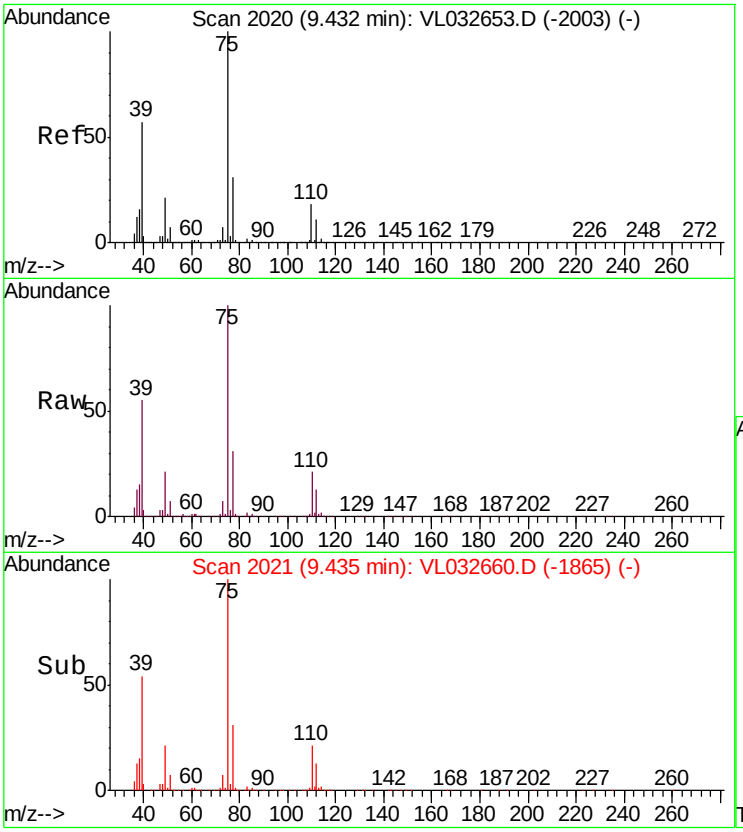


#44
2,2,4-Trimethylpentane
Concen: 9.726 ppbv
RT: 8.01 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 57 Resp: 5635880

Ion	Ratio	Lower	Upper
57	100		
41	30.8	24.7	37.1
56	31.5	25.0	37.4



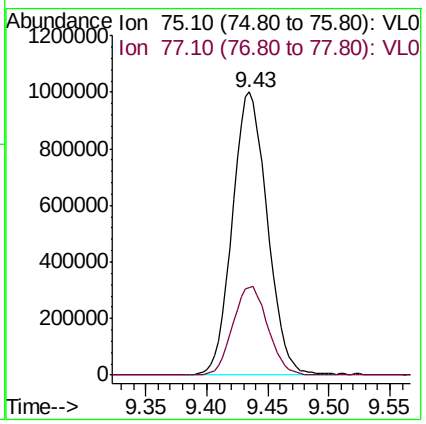


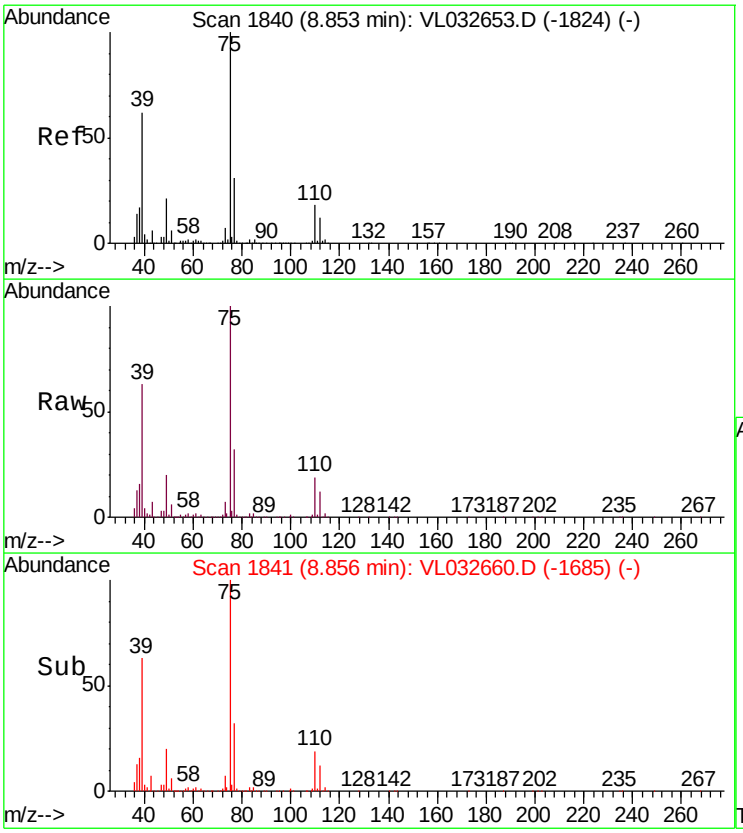
#45
t-1,3-Dichloropropene
Concen: 11.908 ppbv
RT: 9.43 min Scan# 2021
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 75 Resp: 1983019

Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.3	37.9

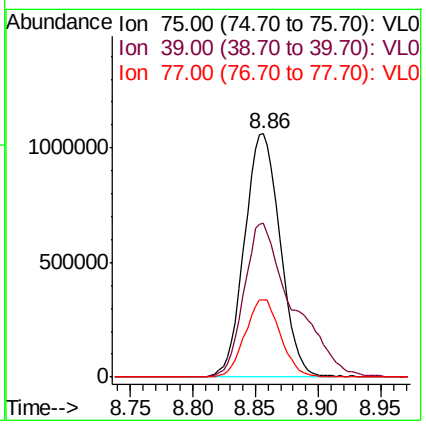


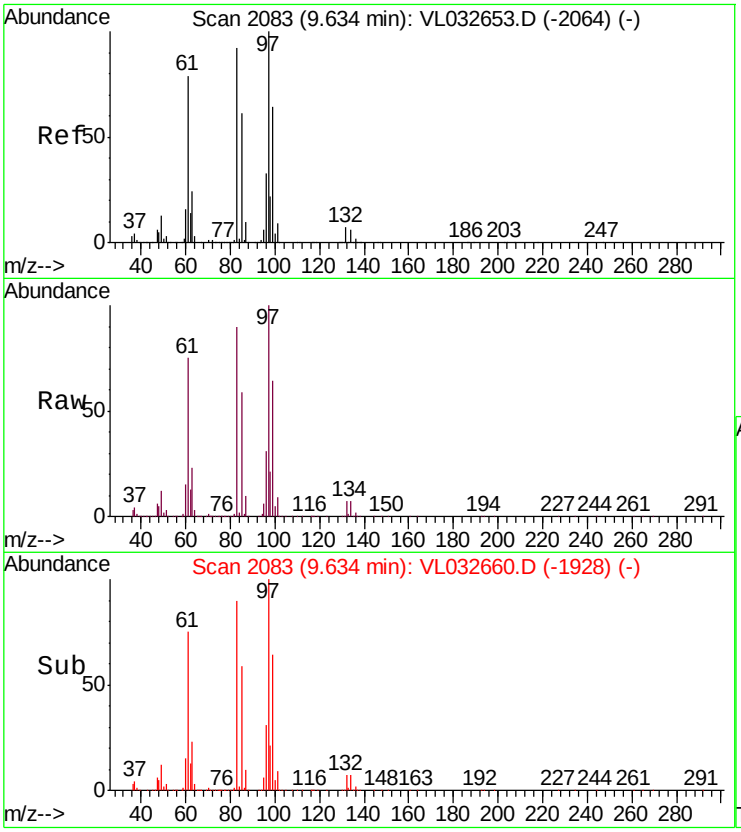


#46
cis-1,3-Dichloropropene
Concen: 11.061 ppbv
RT: 8.86 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 75 Resp: 2104579

Ion	Ratio	Lower	Upper
75	100		
39	63.1	50.9	76.3
77	31.7	25.8	38.6



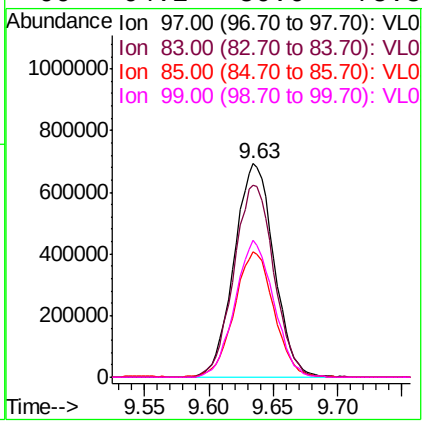


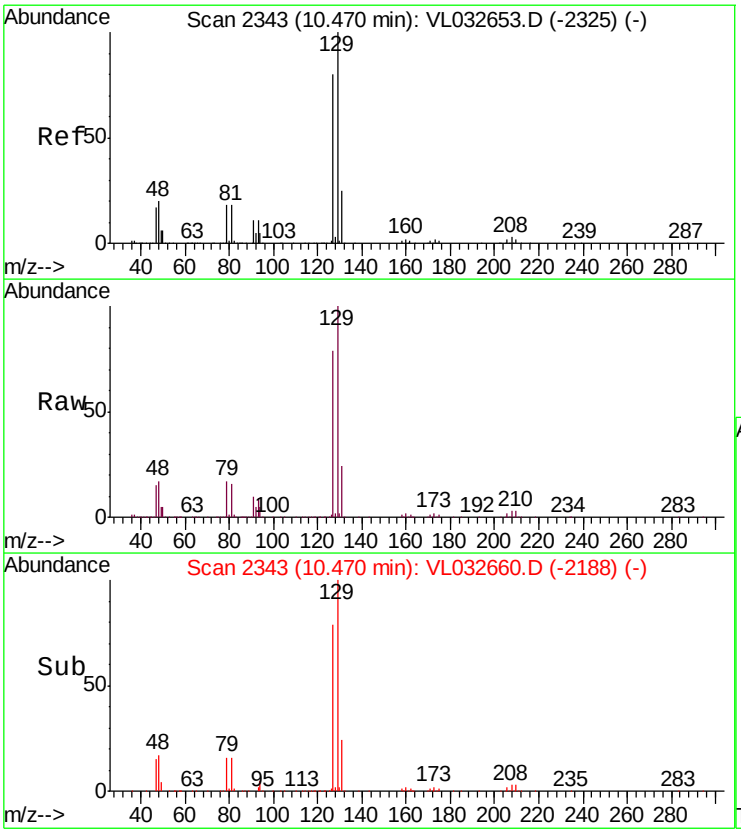
#47
1,1,2-Trichloroethane
Concen: 9.616 ppbv
RT: 9.63 min Scan# 2083
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 97 Resp: 1489396

Ion	Ratio	Lower	Upper
97	100		
83	89.6	73.5	110.3
85	58.4	45.8	68.6
99	64.2	50.6	75.8

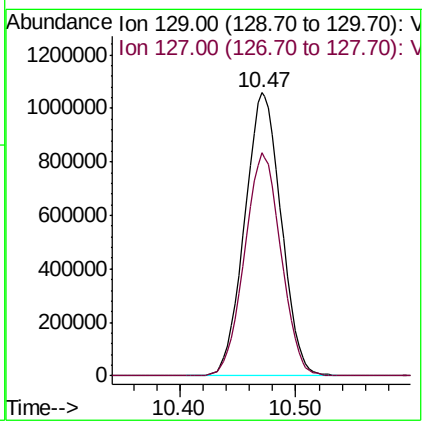


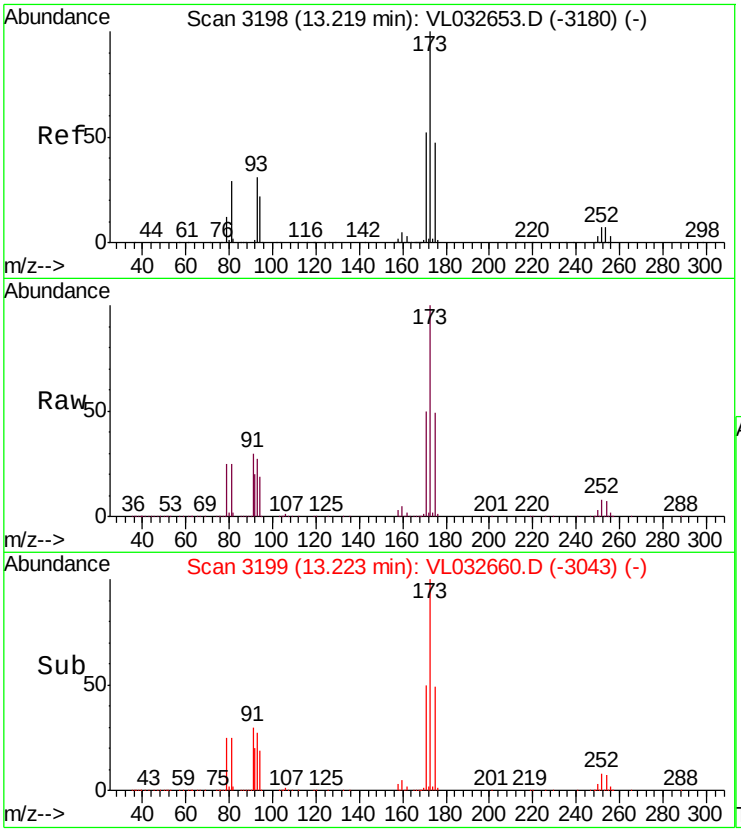


#48
Dibromochloromethane
Concen: 8.974 ppbv
RT: 10.47 min Scan# 2343
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:129 Resp: 2317001

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.1	117.5



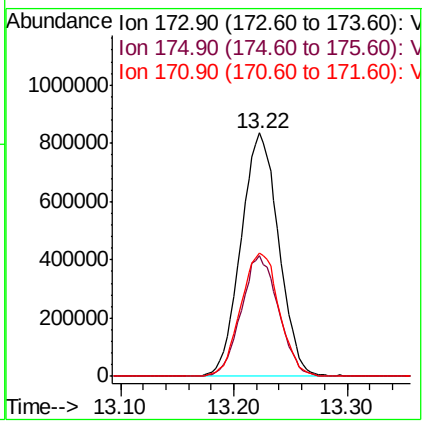


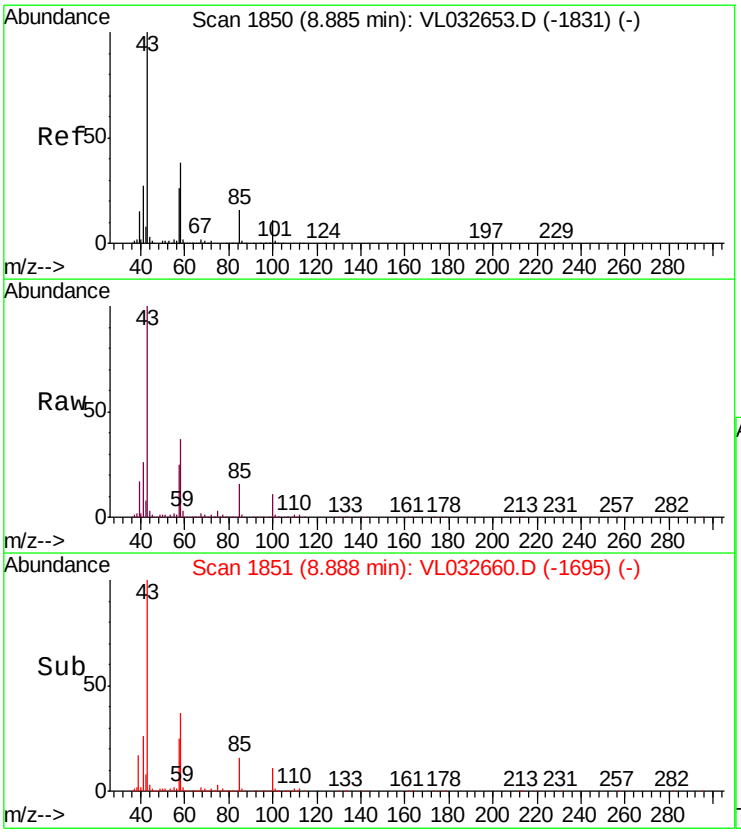
#49
Bromoform
Concen: 9.545 ppbv
RT: 13.22 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:173 Resp: 1936524

Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.0	58.4
171	51.7	42.2	63.2

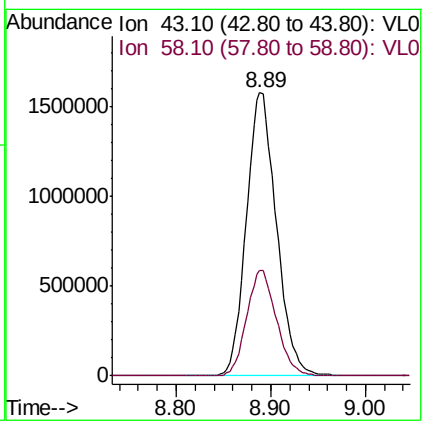


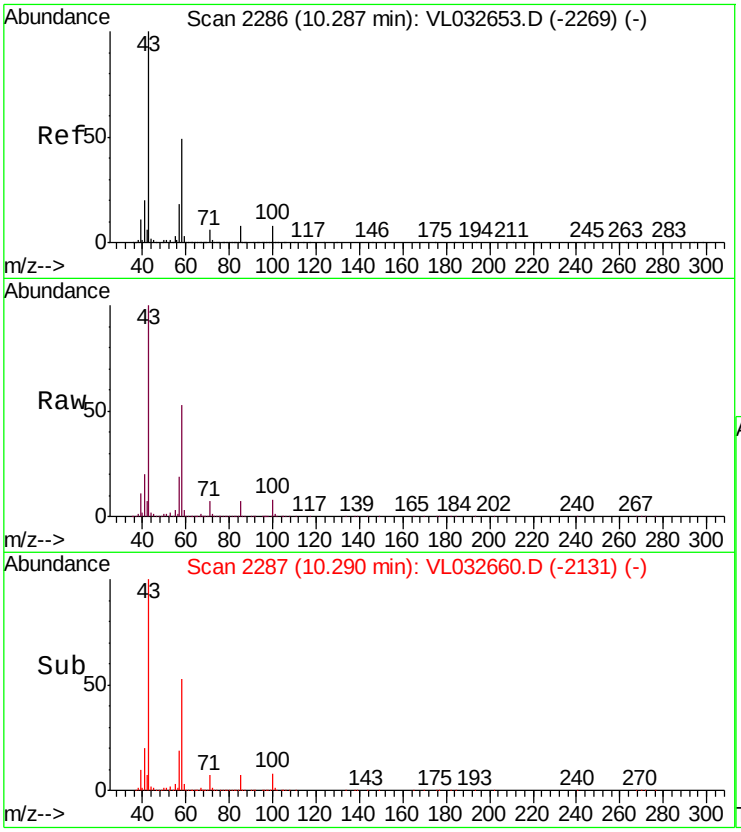


#50
4-Methyl-2-Pentanone
Concen: 10.454 ppbv
RT: 8.89 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 43 Resp: 3470701

Ion	Ratio	Lower	Upper
43	100		
58	36.8	29.7	44.5



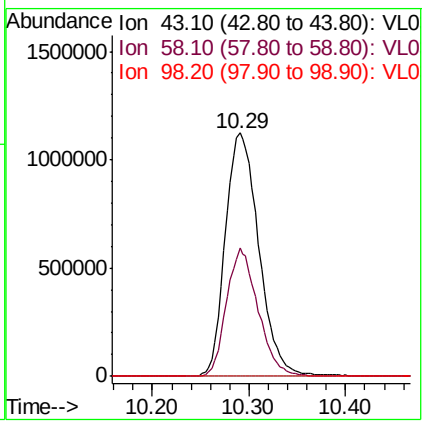


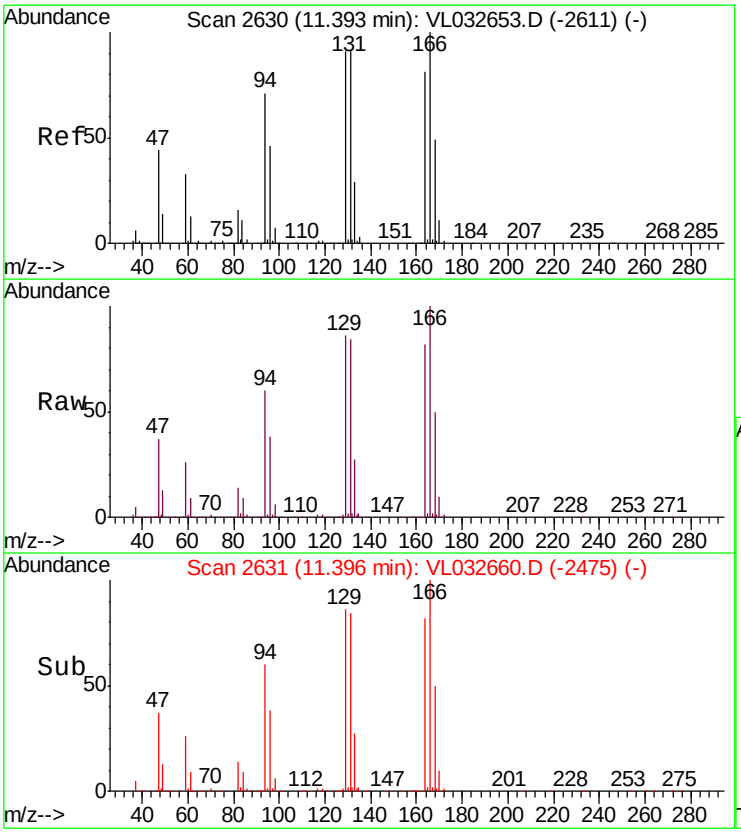
#51
2-Hexanone
Concen: 10.945 ppbv
RT: 10.29 min Scan# 2287
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 43 Resp: 2701190

Ion	Ratio	Lower	Upper
43	100		
58	49.8	40.4	60.6
98	0.2	0.4	0.6#

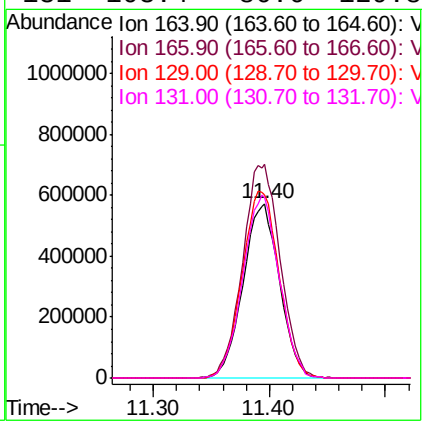


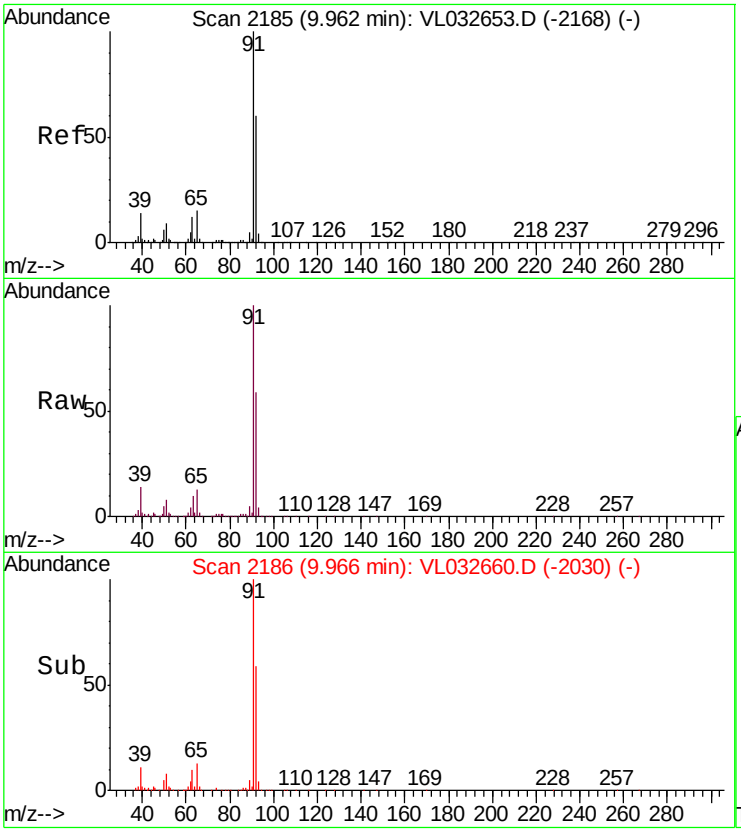


#52
Tetrachloroethene
Concen: 10.551 ppbv
RT: 11.40 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:164 Resp: 1248688

Ion	Ratio	Lower	Upper
164	100		
166	122.4	100.5	150.7
129	104.9	90.0	135.0
131	103.4	86.6	129.8



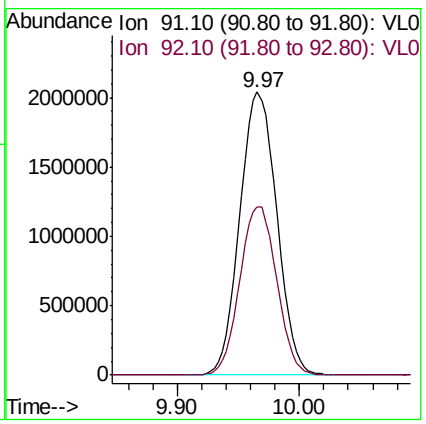


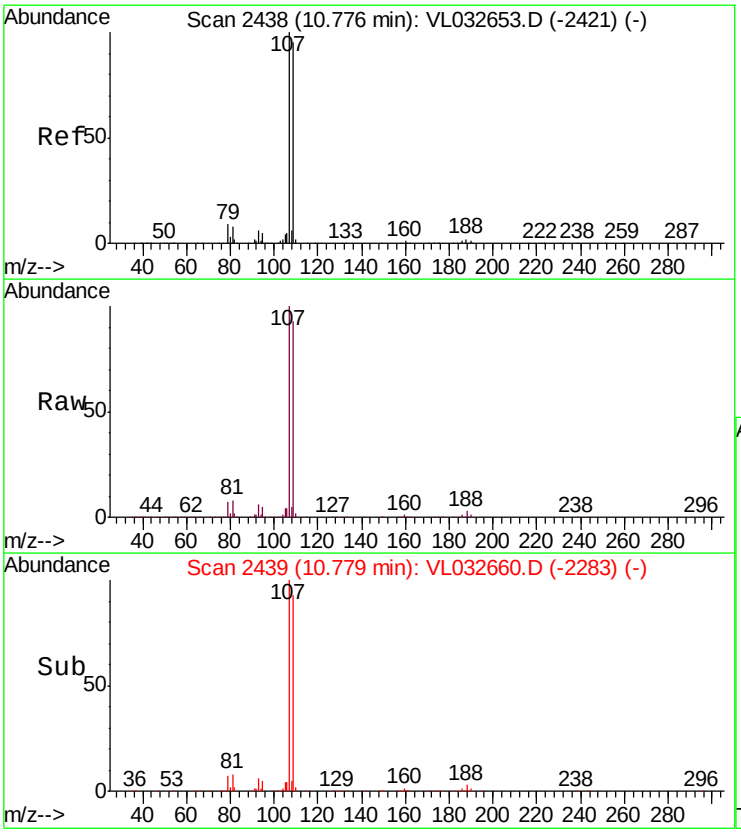
#53
Toluene
Concen: 10.969 ppbv
RT: 9.97 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 91 Resp: 4268123

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.4	72.6

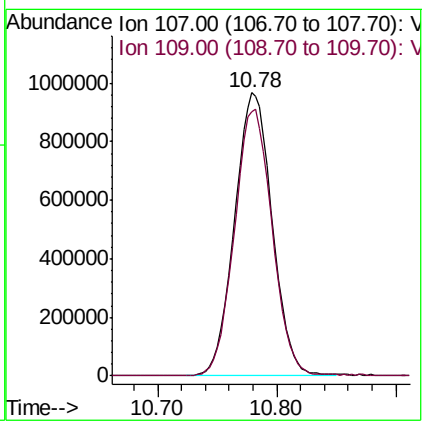


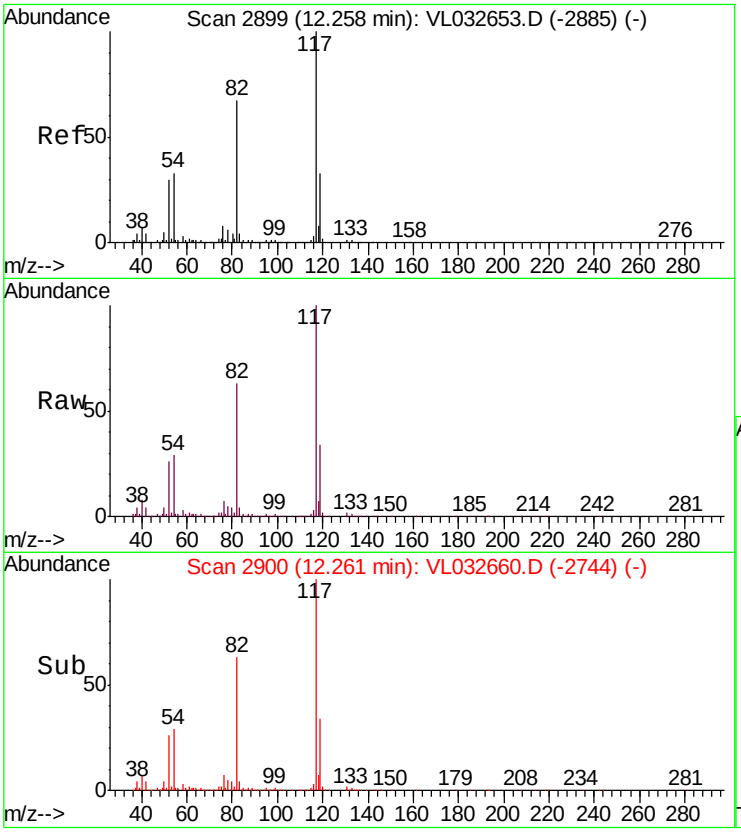


#54
1,2-Dibromoethane
Concen: 10.036 ppbv
RT: 10.78 min Scan# 2439
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:107 Resp: 2112750

Ion	Ratio	Lower	Upper
107	100		
109	93.2	75.3	112.9



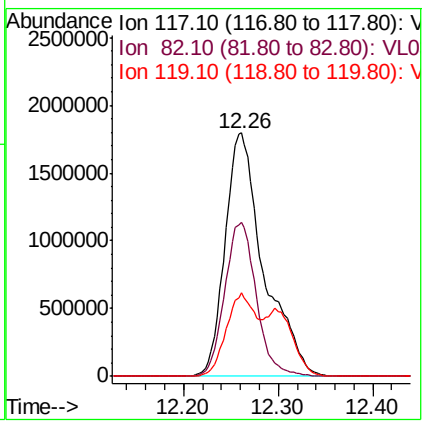


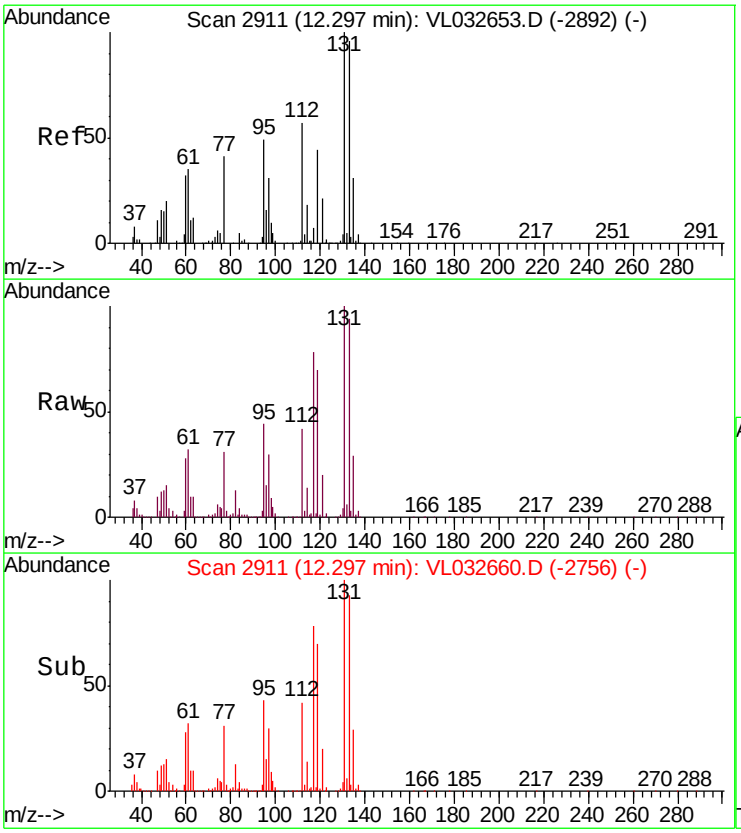
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.26 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:117 Resp: 5104552

Ion	Ratio	Lower	Upper
117	100		
82	51.8	52.7	79.1#
119	46.2	26.7	40.1#

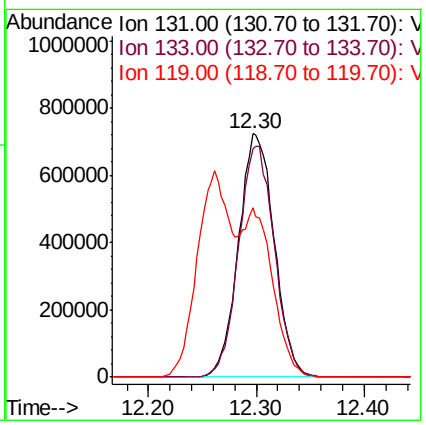


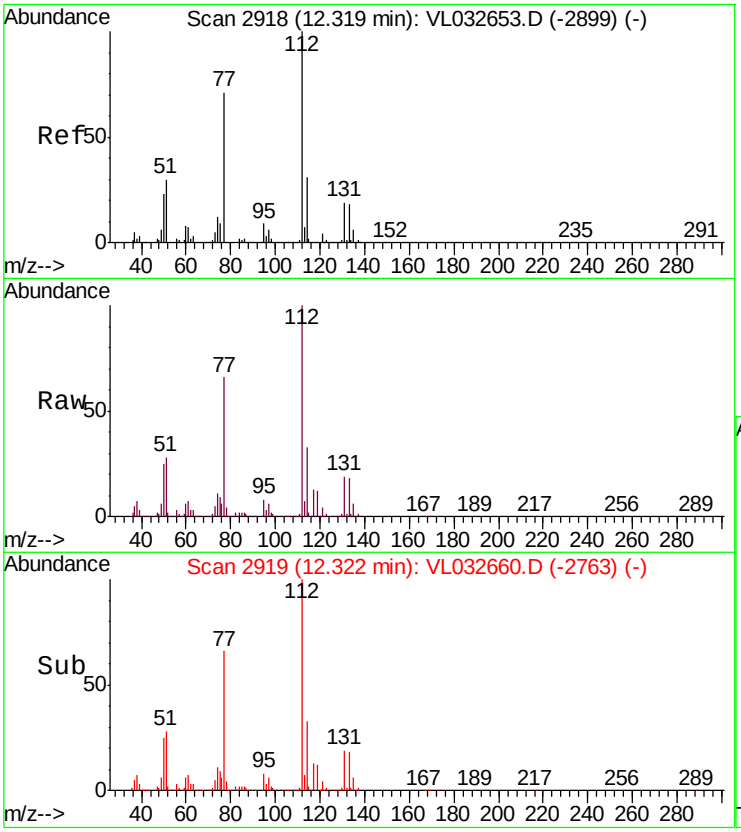


#56
1,1,1,2-Tetrachloroethane
Concen: 7.454 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:131 Resp: 1663783

Ion	Ratio	Lower	Upper
131	100		
133	95.5	75.4	113.2
119	141.9	49.1	73.7#



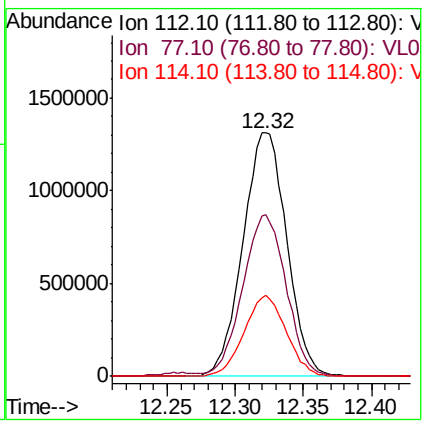


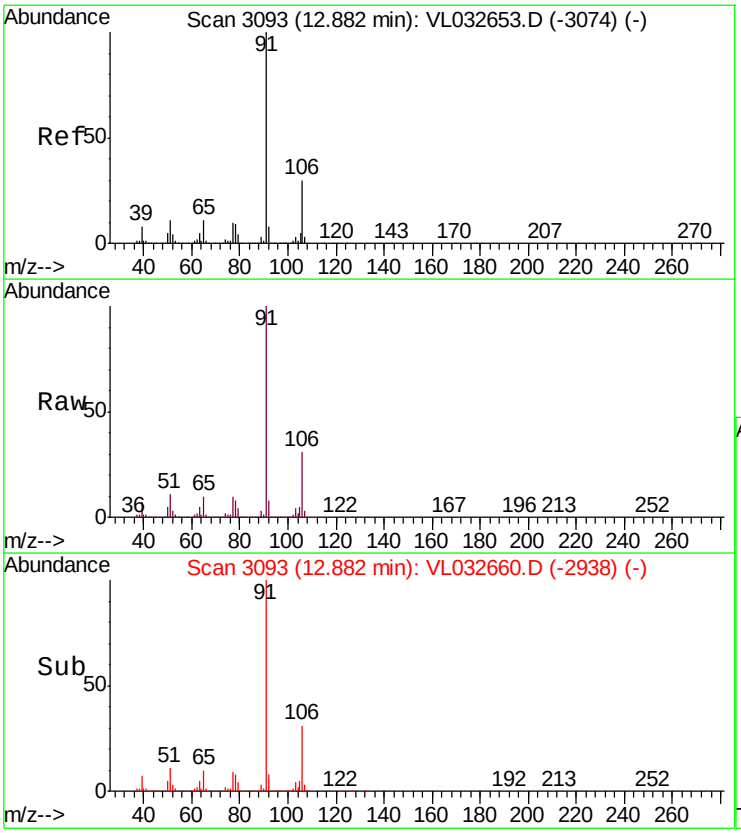
#57
Chlorobenzene
Concen: 7.792 ppbv
RT: 12.32 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:112 Resp: 2925065

Ion	Ratio	Lower	Upper
112	100		
77	66.2	56.8	85.2
114	33.2	30.3	37.1

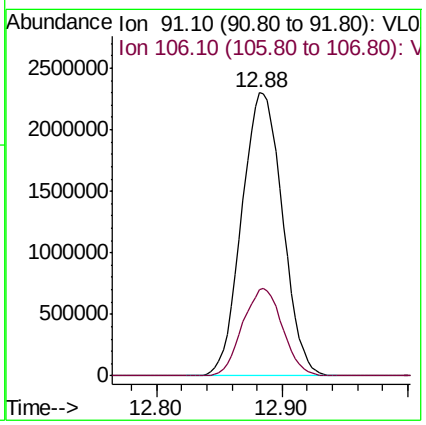


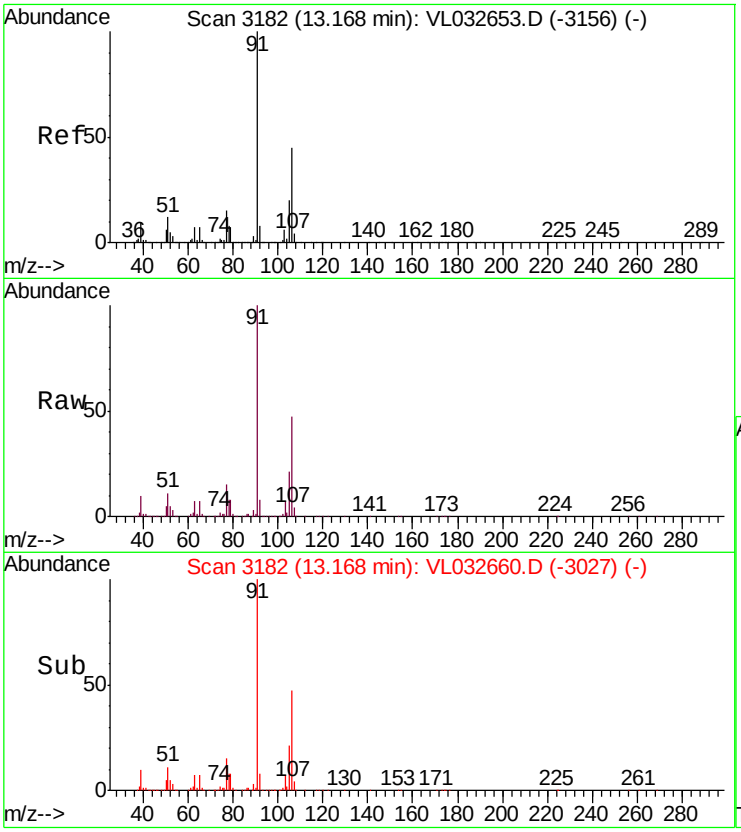


#58
Ethyl Benzene
Concen: 8.786 ppbv
RT: 12.88 min Scan# 3093
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 91 Resp: 5210043

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.2	36.2



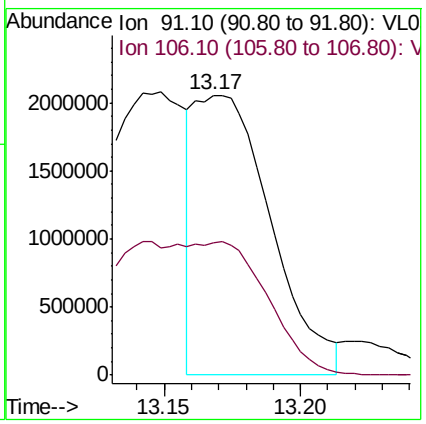


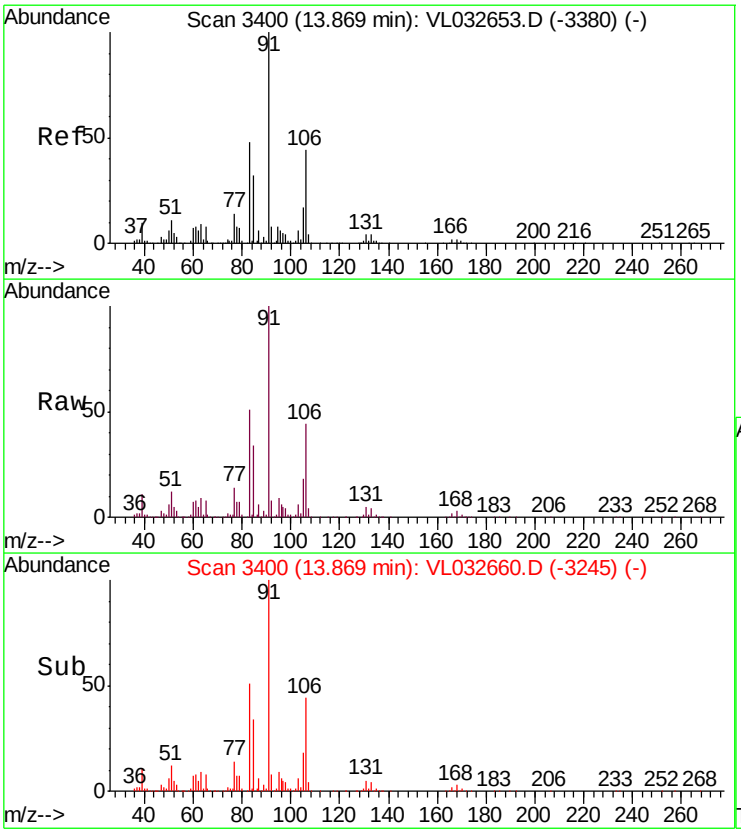
#59
m/p-Xylene
Concen: 7.527 ppbv
RT: 13.17 min Scan# 3182
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 91 Resp: 3974840

Ion	Ratio	Lower	Upper
91	100		
106	99.6	35.9	53.9#

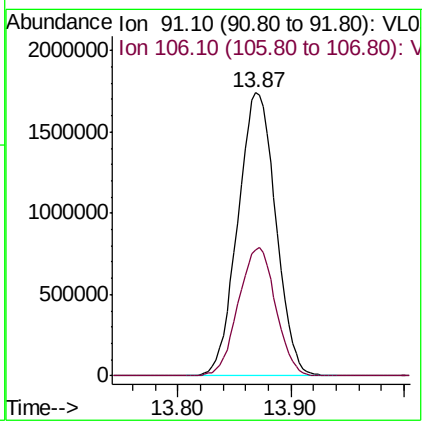


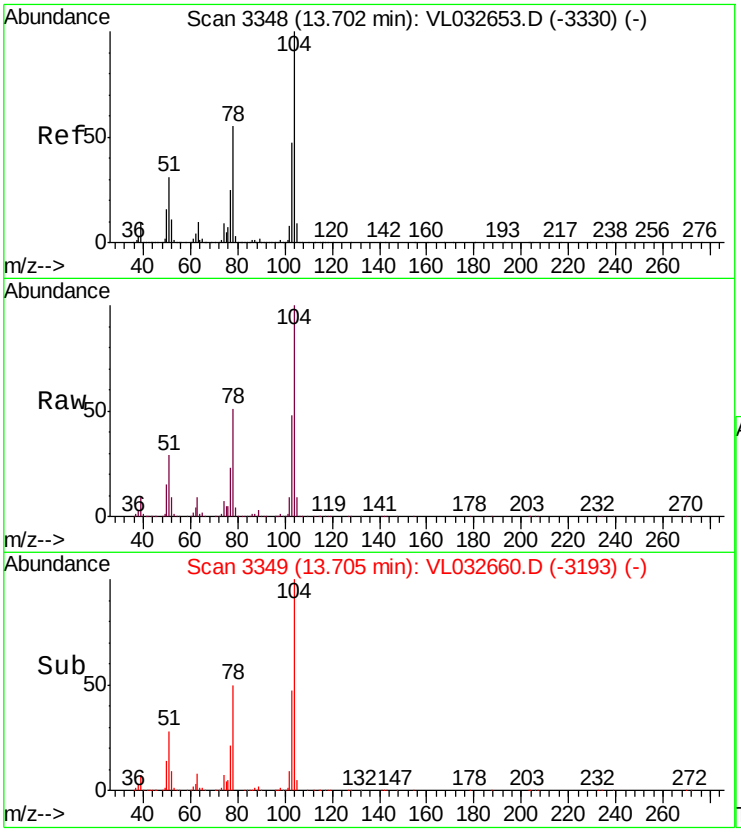


#60
o-Xylene
Concen: 7.947 ppbv
RT: 13.87 min Scan# 3400
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 91 Resp: 4048403

Ion	Ratio	Lower	Upper
91	100		
106	44.8	22.1	66.1



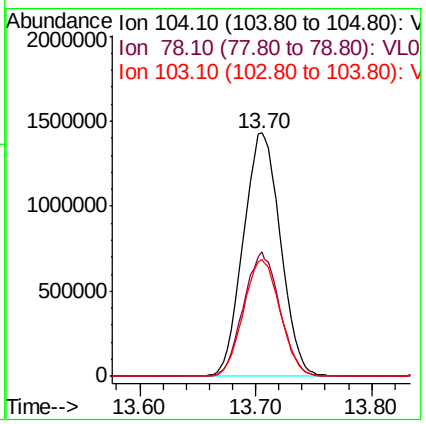


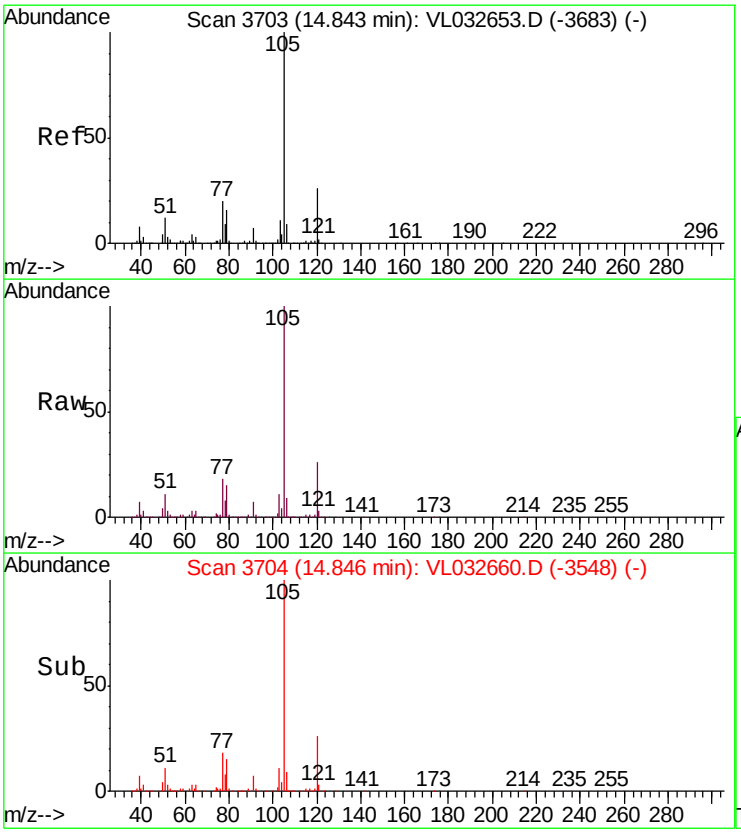
#61
Styrene
Concen: 9.360 ppbv
RT: 13.70 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:104 Resp: 3196786

Ion	Ratio	Lower	Upper
104	100		
78	50.0	42.8	64.2
103	47.4	37.4	56.0

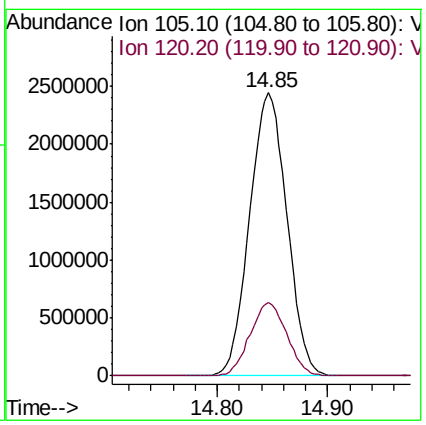


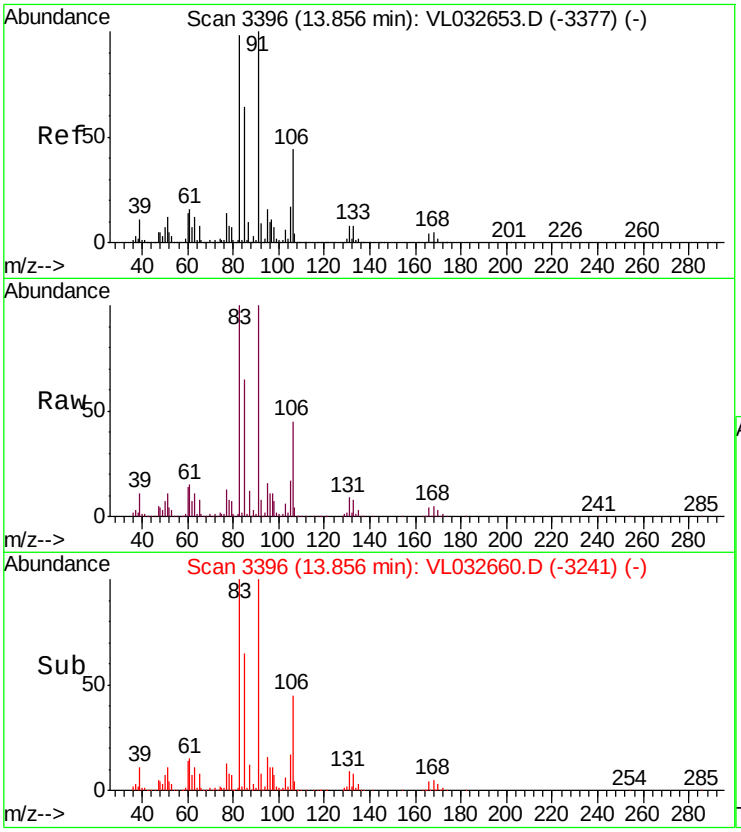


#62
Isopropylbenzene
Concen: 7.940 ppbv
RT: 14.85 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:105 Resp: 5724510

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7



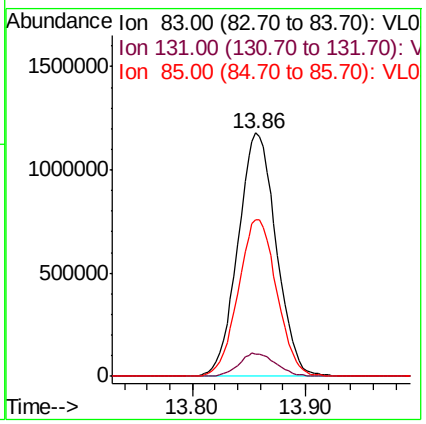


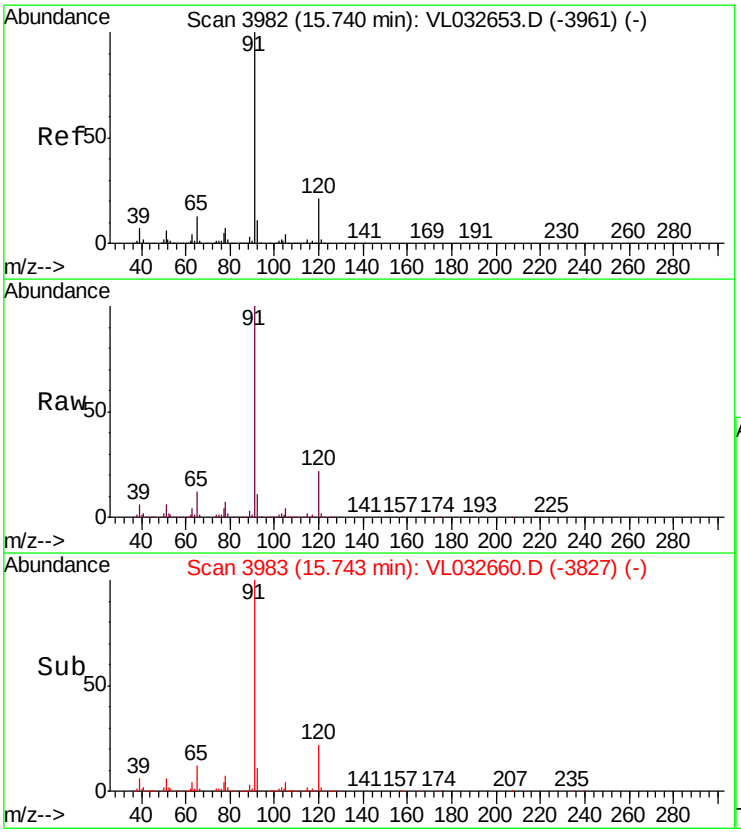
#63
1,1,2,2-Tetrachloroethane
Concen: 6.935 ppbv
RT: 13.86 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion: 83 Resp: 2767651

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.3	12.9
85	65.3	32.3	96.9

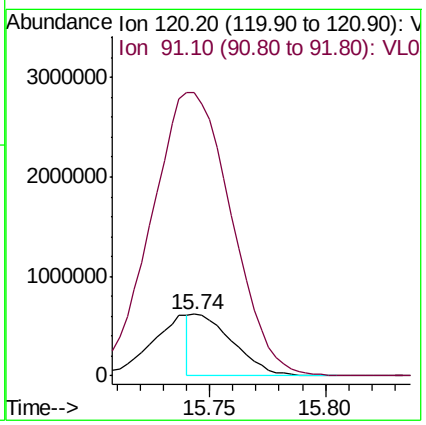


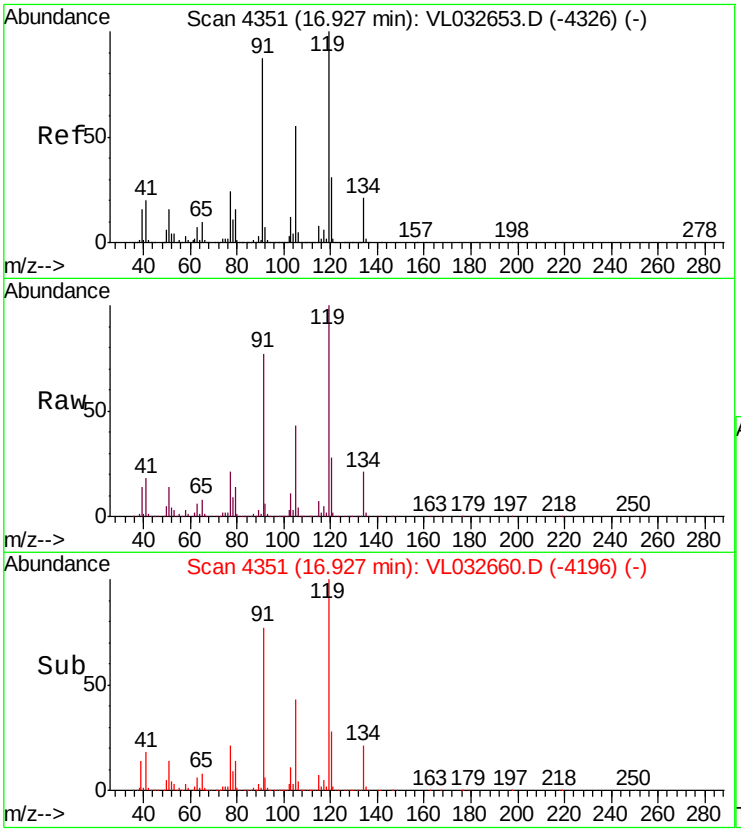


#64
n-propylbenzene
Concen: 4.247 ppbv
RT: 15.74 min Scan# 3983
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:120 Resp: 760980

Ion	Ratio	Lower	Upper
120	100		
91	901.5	390.2	585.2#



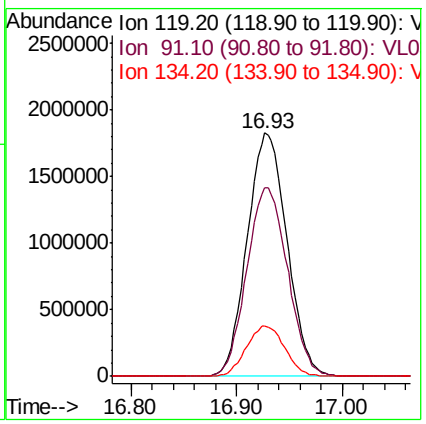


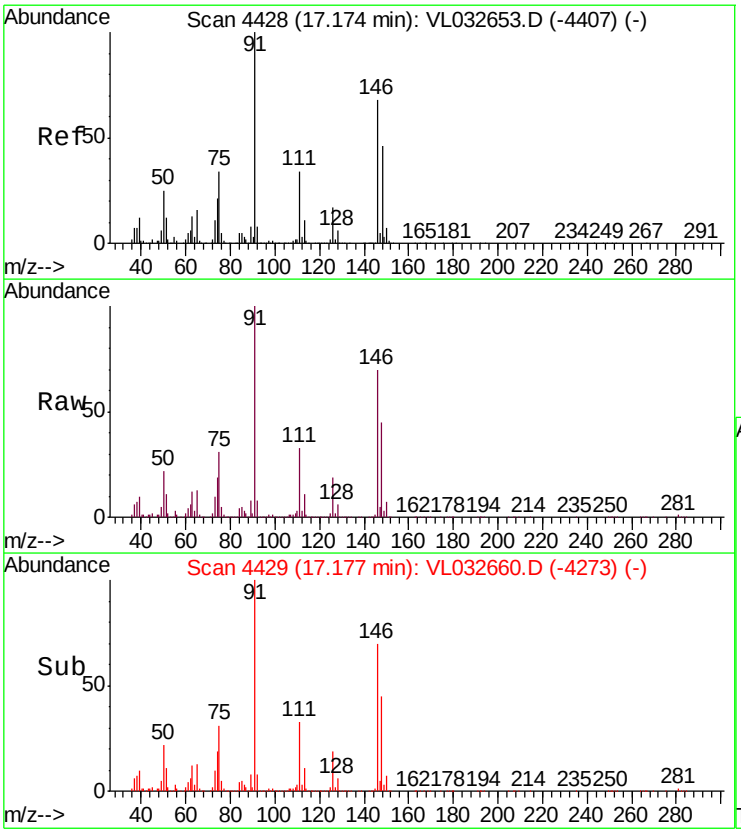
#65
tert-Butylbenzene
Concen: 7.793 ppbv
RT: 16.93 min Scan# 4351
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:119 Resp: 4785079

Ion	Ratio	Lower	Upper
119	100		
91	79.6	67.8	101.8
134	20.1	15.8	23.8

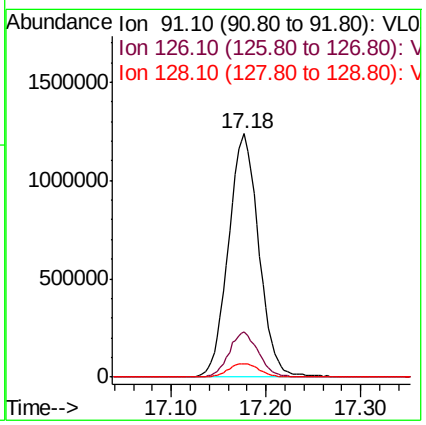


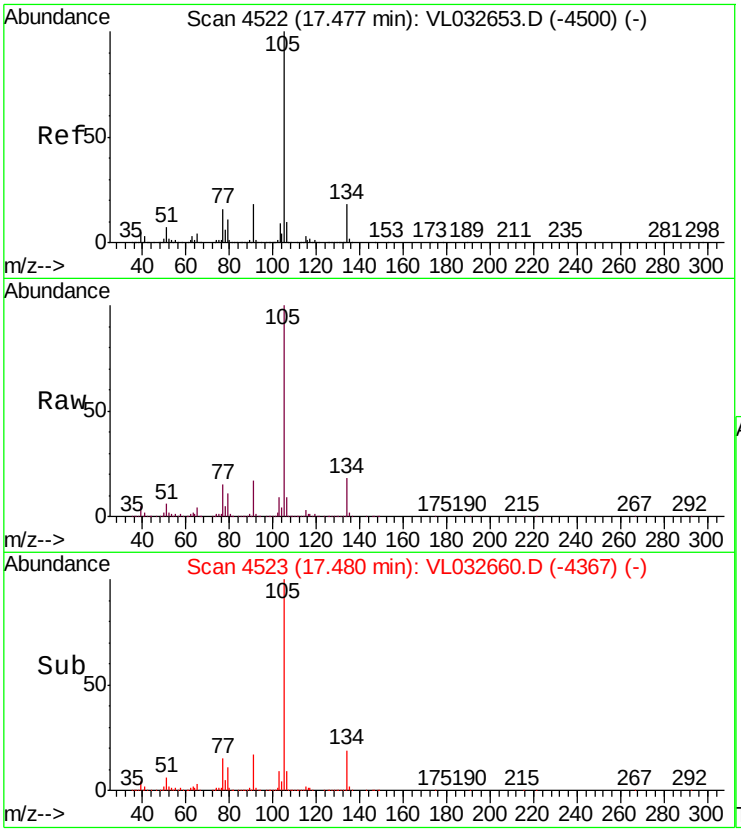


#66
Benzyl Chloride
Concen: 8.699 ppbv
RT: 17.18 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 91 Resp: 2757758

Ion	Ratio	Lower	Upper
91	100		
126	18.1	13.9	20.9
128	5.7	4.3	6.5



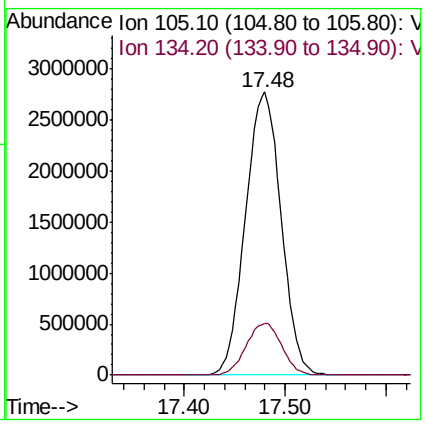


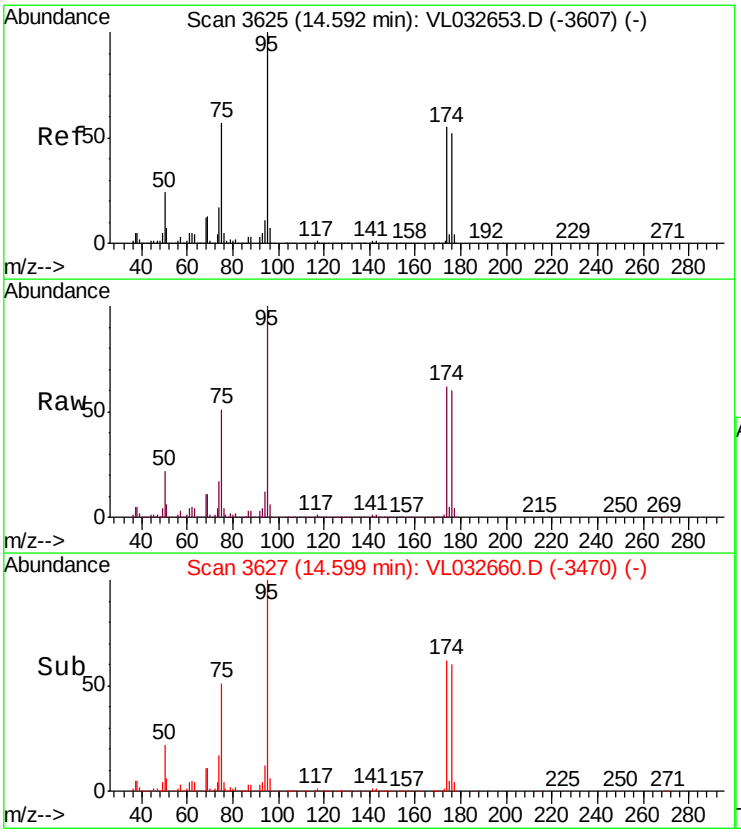
#67
sec-Butylbenzene
Concen: 7.769 ppbv
RT: 17.48 min Scan# 4523
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:105 Resp: 6784544

Ion	Ratio	Lower	Upper
105	100		
134	18.3	14.2	21.2

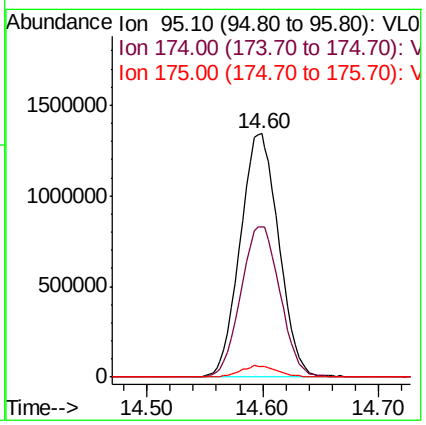


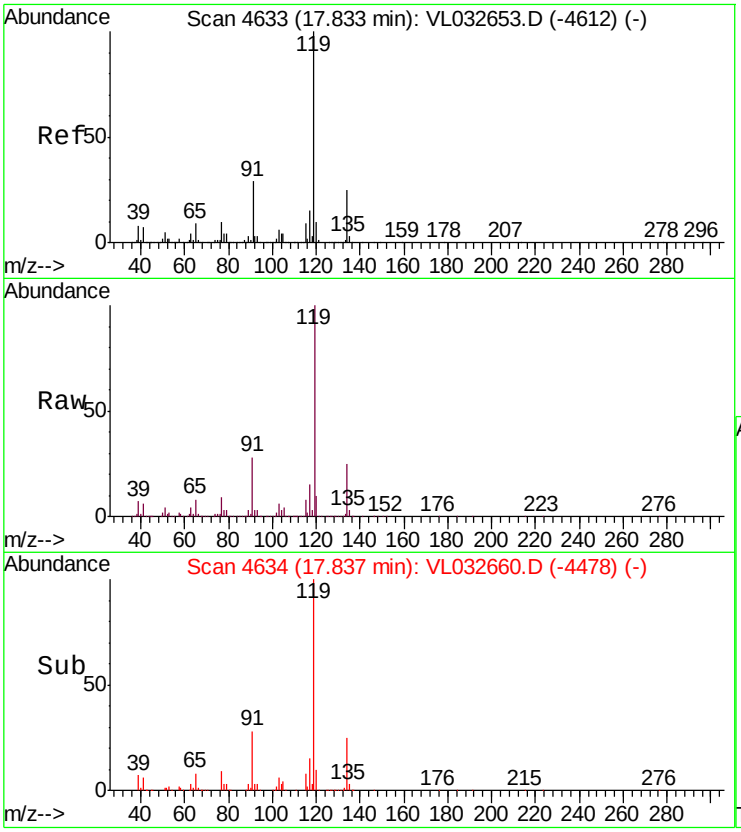


#68
1-Bromo-4-Fluorobenzene
Concen: 8.167 ppbv
RT: 14.60 min Scan# 3627
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 95 Resp: 3103935

Ion	Ratio	Lower	Upper
95	100		
174	63.1	46.0	69.0
175	4.5	3.4	5.0



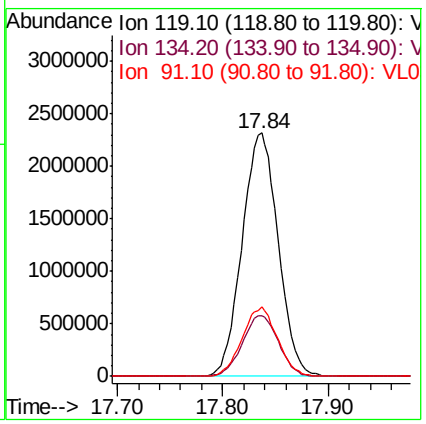


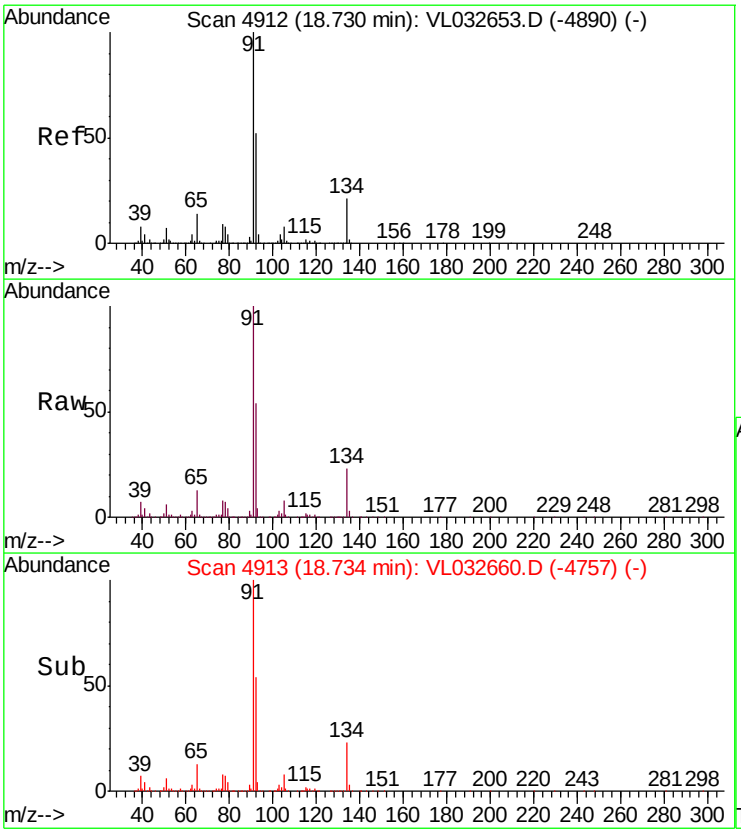
#69
p-Isopropyltoluene
Concen: 7.944 ppbv
RT: 17.84 min Scan# 4634
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:119 Resp: 5496947

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.2
91	28.0	24.0	36.0

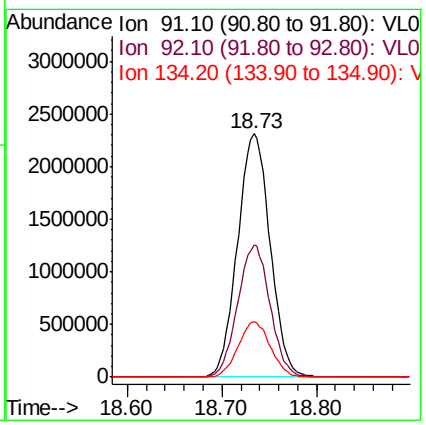


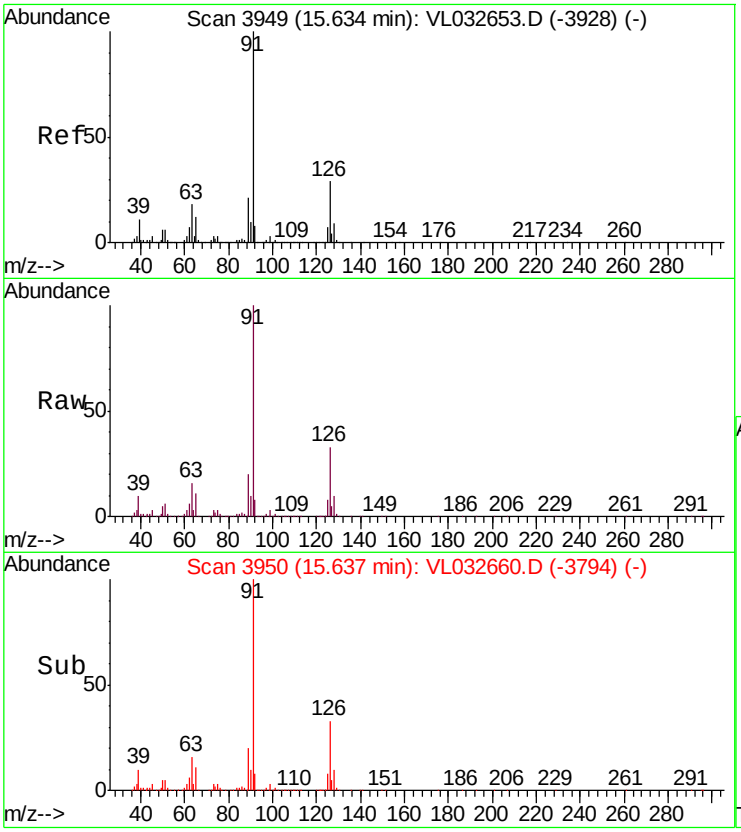


#70
n-Butylbenzene
Concen: 7.762 ppbv
RT: 18.73 min Scan# 4913
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion: 91 Resp: 5529533

Ion	Ratio	Lower	Upper
91	100		
92	53.9	43.0	64.4
134	22.5	17.0	25.6



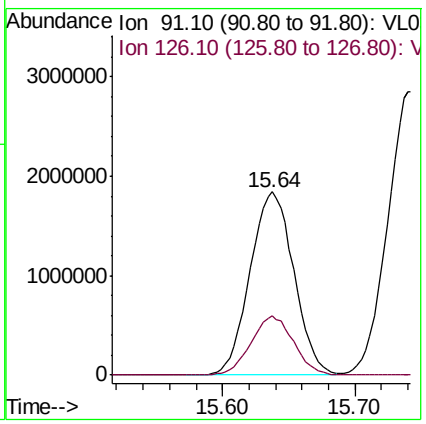


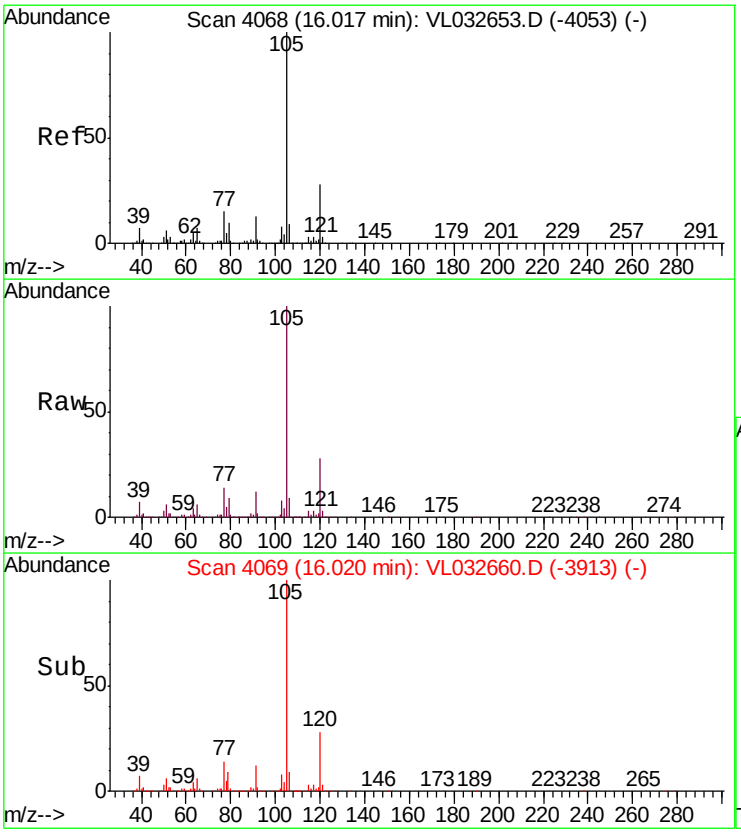
#71
2-Chlorotoluene
Concen: 8.263 ppbv
RT: 15.64 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion: 91 Resp: 4233879

Ion	Ratio	Lower	Upper
91	100		
126	31.3	11.8	47.4

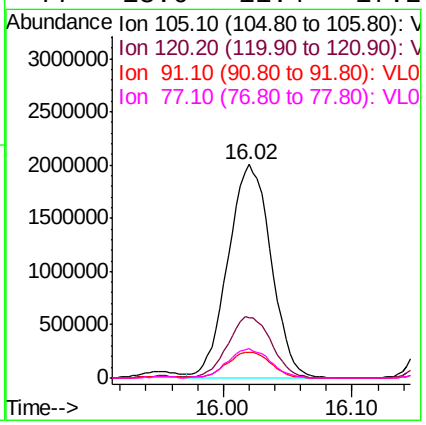


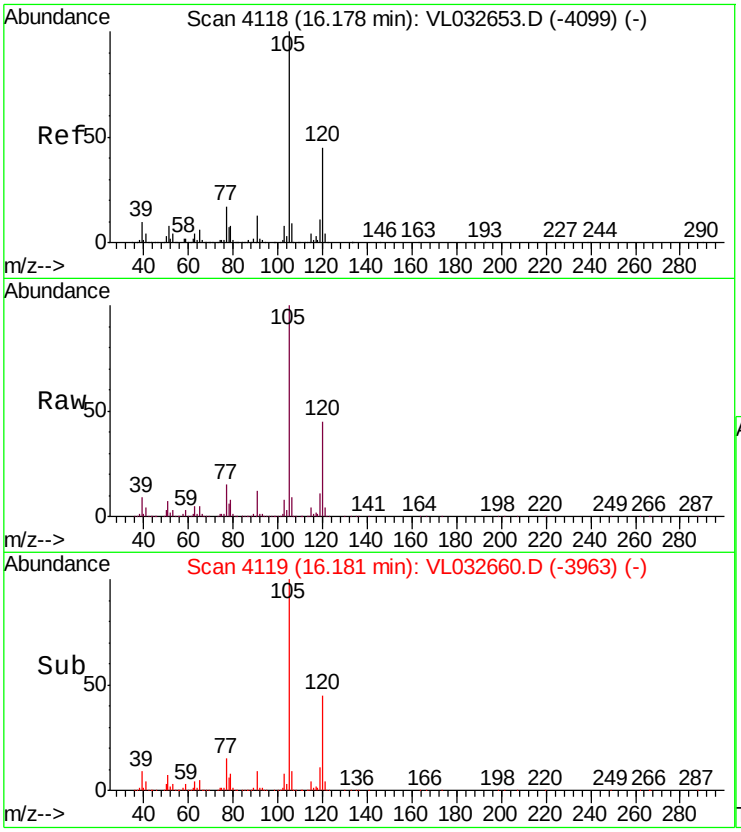


#72
4-Ethyltoluene
Concen: 8.535 ppbv
RT: 16.02 min Scan# 4069
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:105 Resp: 4630855

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.7	35.5
91	12.4	10.4	15.6
77	13.6	11.4	17.2



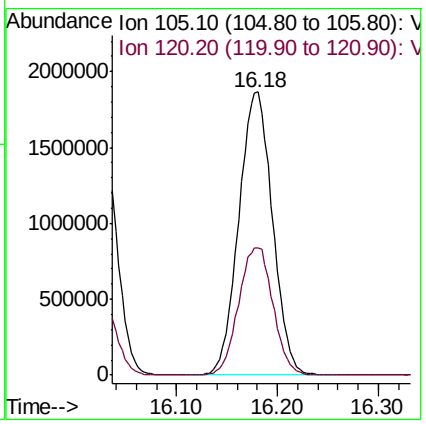


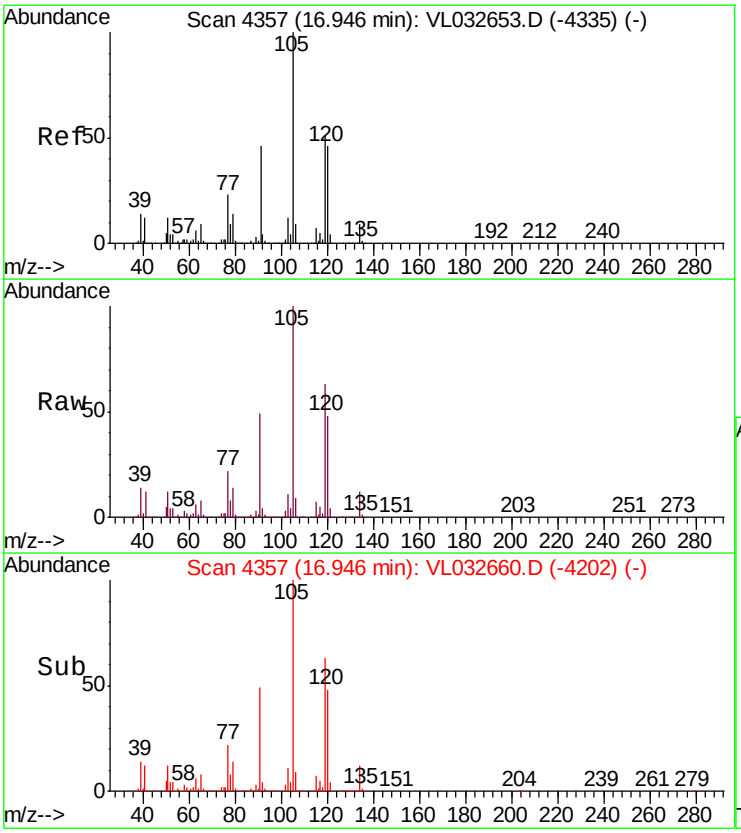
#73
1,3,5-Trimethylbenzene
Concen: 8.134 ppbv
RT: 16.18 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion:105 Resp: 4298163

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.4	53.2

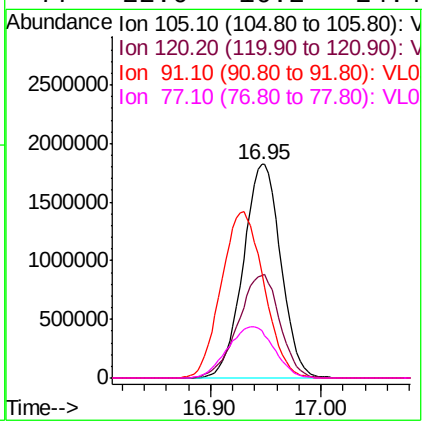


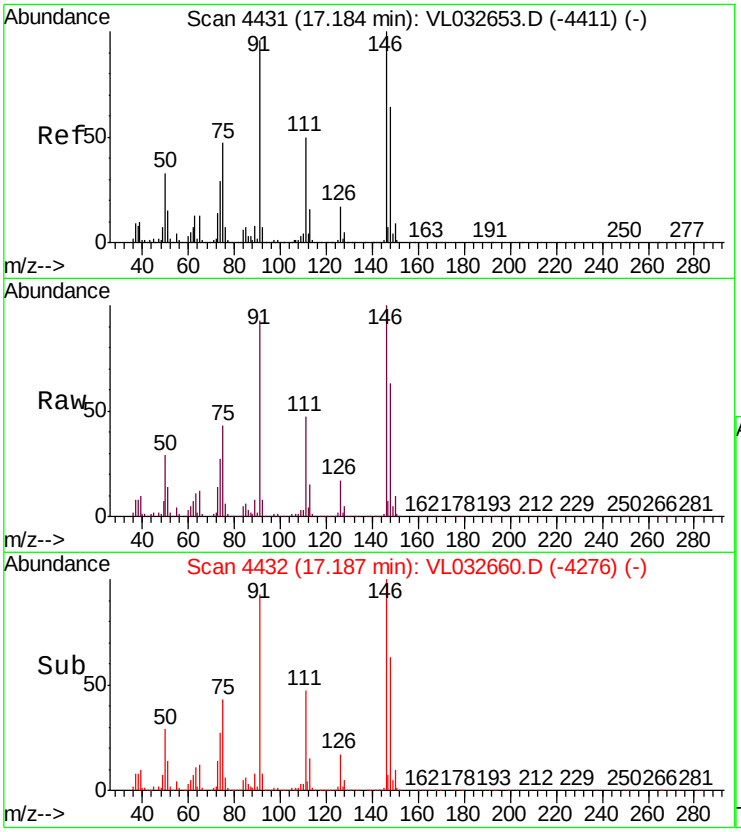


#74
1,2,4-Trimethylbenzene
Concen: 7.610 ppbv
RT: 16.95 min Scan# 4357
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:105 Resp: 4294790

Ion	Ratio	Lower	Upper
105	100		
120	47.6	35.8	53.8
91	48.8	33.2	49.8
77	22.0	16.2	24.4



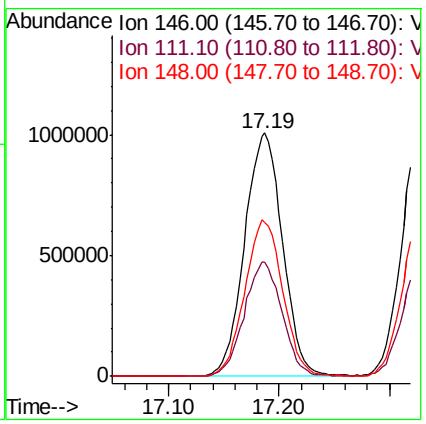


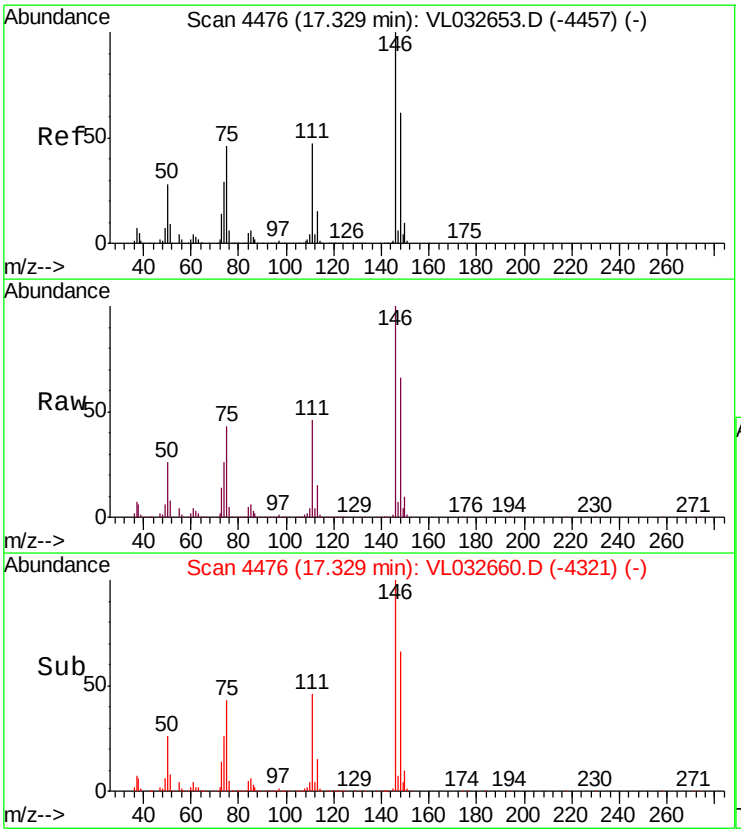
#75
1,3-Dichlorobenzene
Concen: 7.391 ppbv
RT: 17.19 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:146 Resp: 2398352

Ion	Ratio	Lower	Upper
146	100		
111	46.9	24.4	73.2
148	64.4	31.9	95.9

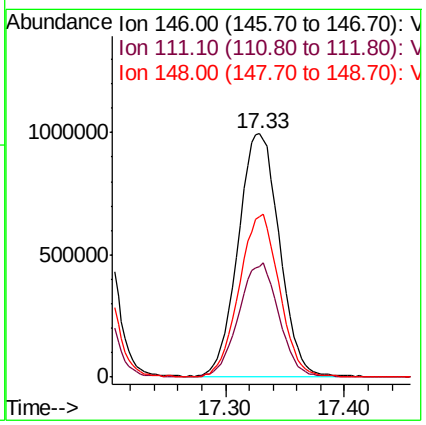


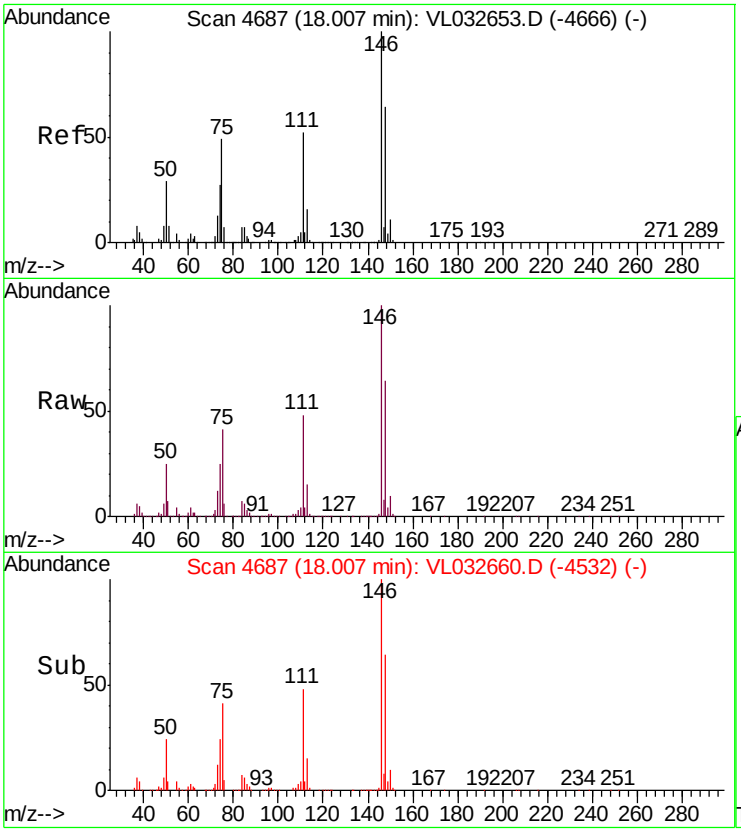


#76
1,4-Dichlorobenzene
Concen: 7.929 ppbv
RT: 17.33 min Scan# 4476
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:146 Resp: 2374374

Ion	Ratio	Lower	Upper
146	100		
111	45.7	23.7	71.1
148	65.5	32.1	96.3



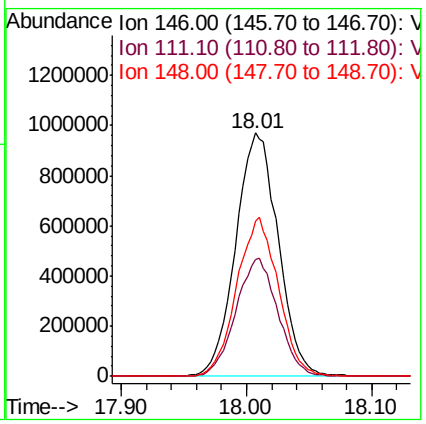


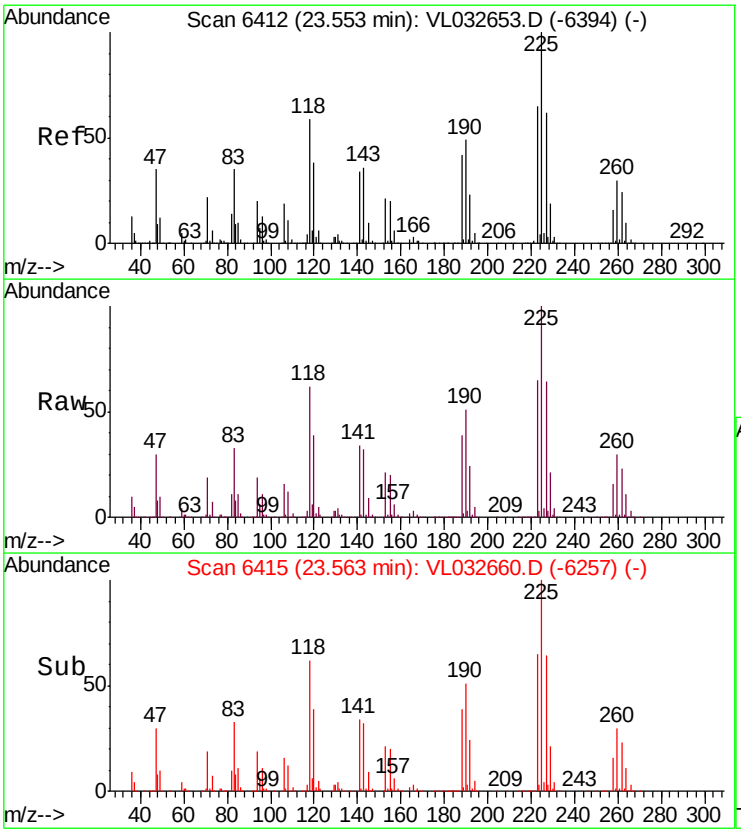
#77
1,2-Dichlorobenzene
Concen: 7.410 ppbv
RT: 18.01 min Scan# 4687
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument : MSVOA_L
ClientSampleId : ICVVL101818

Tgt Ion:146 Resp: 2278291

Ion	Ratio	Lower	Upper
146	100		
111	48.1	25.3	75.8
148	64.5	31.9	95.9

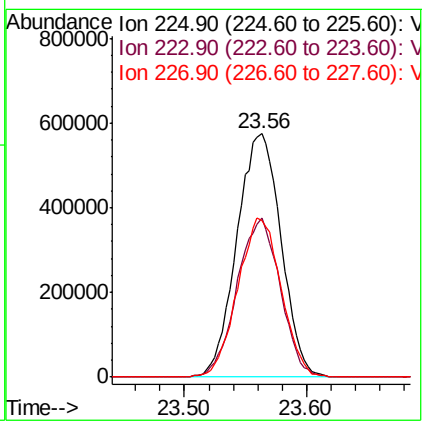


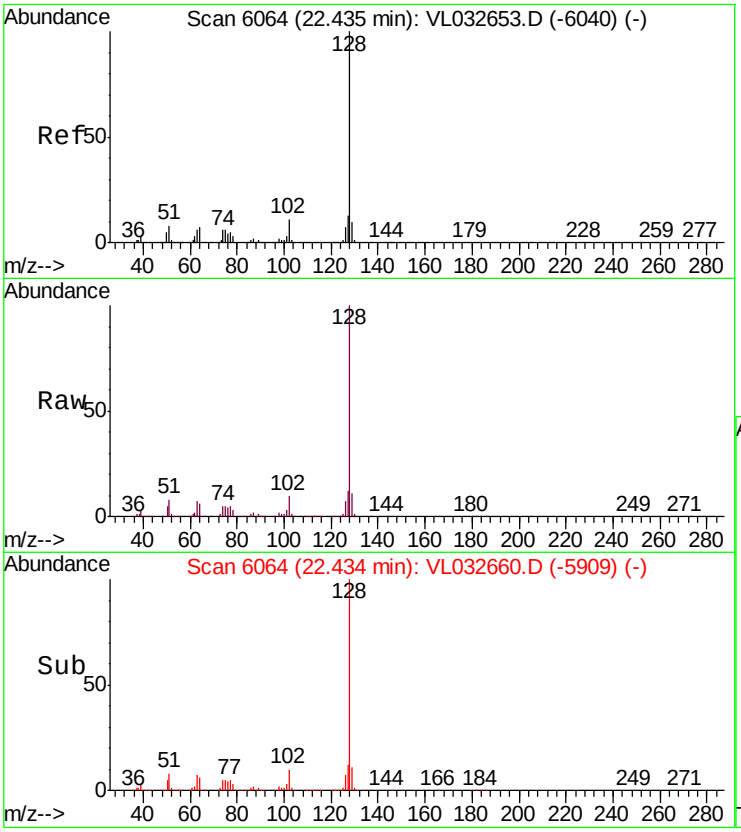


#78
Hexachloro-1,3-Butadiene
Concen: 9.921 ppbv
RT: 23.56 min Scan# 6415
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:225 Resp: 1441228

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	63.9	50.7	76.1



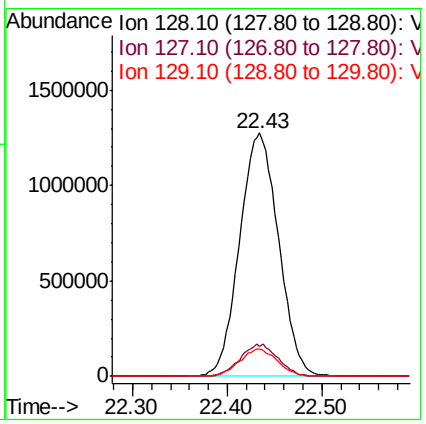


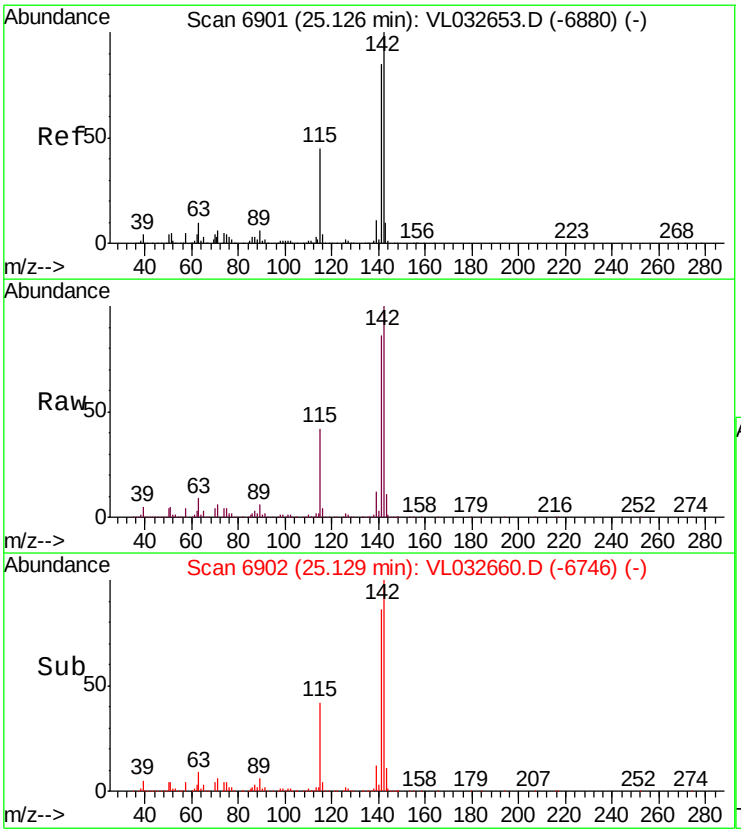
#79
Naphthalene
Concen: 10.359 ppbv
RT: 22.43 min Scan# 6064
Delta R.T. -0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion:128 Resp: 3633686

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.2	8.6	13.0

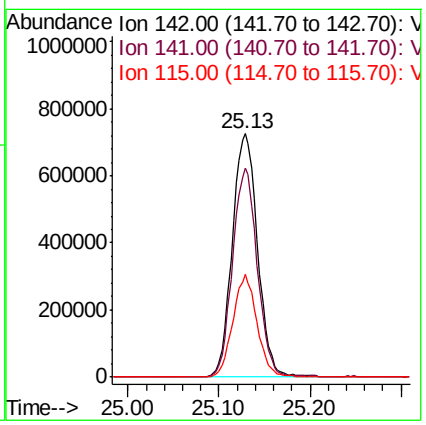


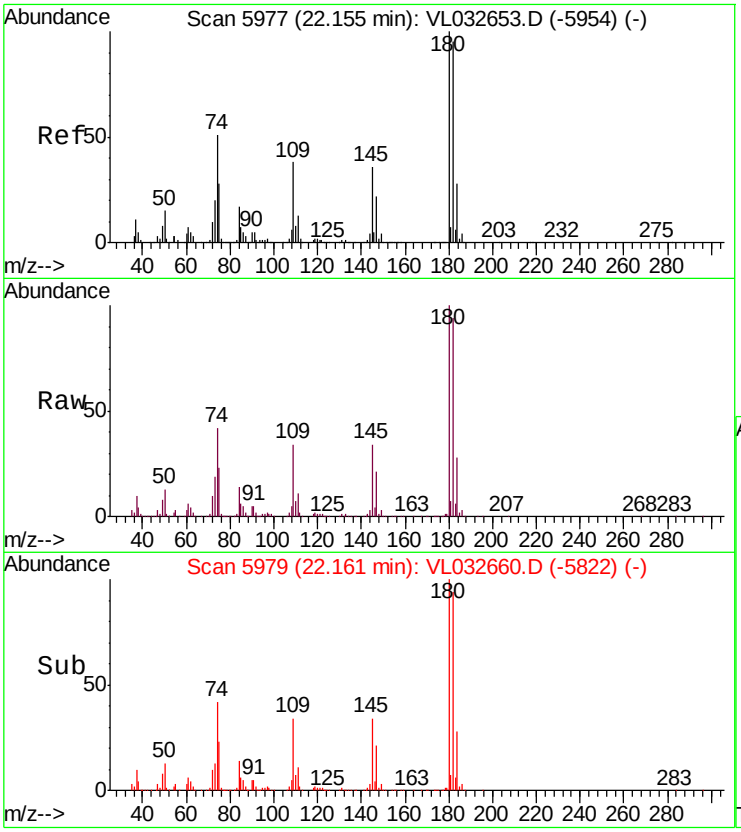


#80
Naphthalene,2-methyl-
Concen: 16.414 ppbv
RT: 25.13 min Scan# 6902
Delta R.T. 0.00 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Tgt Ion:142 Resp: 1400019

Ion	Ratio	Lower	Upper
142	100		
141	84.3	67.5	101.3
115	40.4	33.5	50.3





#81
1,2,4-Trichlorobenzene
Concen: 4.388 ppbv
RT: 22.16 min Scan# 5979
Delta R.T. 0.01 min
Lab File: VL032660.D
Acq: 18 Oct 2018 22:09

Instrument :
MSVOA_L
ClientSampleId :
ICVVL101818

Tgt Ion:180 Resp: 797076

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.5	114.7#
184	63.6	24.7	37.1#