Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032740.D
Acq On : 8 Nov 2018 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Nov 08 11:02:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.77	49	1362311	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	3400844	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	4290564	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2654405	8.31	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.08	85	1752836	12.629	ppbv		100
3) Chlorodifluoromethane	3.02	51	999587	9.382	ppbv		98
4) Chloromethane	3.18	50	517956	8.700	ppbv		95
5) Vinyl Chloride	3.30	62	540048	8.374	ppbv		99
6) Bromomethane	3.52	94	351370	8.739	ppbv		94
7) Chloroethane	3.61	64	212034	8.929	ppbv		90
8) Dichlorotetrafluoroethane	3.23	85	1355142	9.263	ppbv		93
9) Propene	3.04	41	386768	8.821	ppbv		100
10) Heptane	8.26	43	1703422	10.082	ppbv		100
11) Trichlorofluoromethane	4.01	101	1610249	8.882	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.56	101	1586902	10.525	ppbv		94
13) Ethanol	3.66	45	100567	8.025	ppbv		96
14) Bromoethene	3.80	108	469945	9.223	ppbv		98
15) Acetone	3.91	43	1058604	8.415	ppbv		97
16) 1,3-Butadiene	3.37	39	454300	9.817	ppbv		82
17) tert-Butyl alcohol	4.36	59	120217	3.249	ppbv	#	100
18) 1,1-Dichloroethene	4.36	96	698811	10.550	ppbv		98
19) Isopropyl Alcohol	4.03	45	696756	7.777	ppbv		99
20) Methylene Chloride	4.42	84	614129	9.617	ppbv		91
21) Allyl Chloride	4.49	41	1159573	11.227	ppbv		96
22) trans-1,2-Dichloroethene	4.97	96	670247	9.865	ppbv		91
23) Vinyl Acetate	5.17	43	2220719	9.962	ppbv		100
24) 1,1-Dichloroethane	5.10	63	1542880	8.817	ppbv		99
25) Ethyl Acetate	5.78	43	2819932	9.739	ppbv		99
26) Hexane	5.79	57	1261346	9.206	ppbv		95
27) Carbon Disulfide	4.63	76	1804240	10.856	ppbv		98
28) Methyl tert-Butyl Ether	5.13	73	1643722	8.348	ppbv		99
29) Chloroform	5.86	83	2287859	10.454	ppbv		96
30) Cyclohexane	7.26	84	1136396	10.479	ppbv		97
31) cis-1,2-Dichloroethene	5.65	61	1313951	10.343	ppbv		96
32) 1,1,1-Trichloroethane	6.63	97	2309756	10.385	ppbv		99
34) 2-Butanone	5.34	43	1825699	10.014	ppbv		99
35) Carbon Tetrachloride	7.15	117	2526718	10.468	ppbv		100
36) Benzene	7.02	78	2725750	9.870	ppbv		98
37) 1,2-Dichloroethane	6.43	62	1821937	10.756	ppbv		100
38) Trichloroethene	7.97	130	1104172	10.801	ppbv		98
39) 1,2-Dichloropropane	7.75	63	1028181	9.641	ppbv	#	88
40) 1,4-Dioxane	7.97	88	380914	10.458	ppbv	#	99
41) Tetrahydrofuran	6.16	42	1078773	10.619	ppbv		99
42) Bromodichloromethane	7.93	83	2544197	10.720	ppbv		99
43) Methyl Methacrylate	8.15	69	1121927	11.085	ppbv		95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

Quantitation Report (Not Reviewed)

Data File : VL032740.D
Acq On : 8 Nov 2018 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Nov 08 11:02:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.00	57	4680229	9.927	ppbv		98
45) t-1,3-Dichloropropene	9.43	75	1582576	11.681	ppbv		100
46) cis-1,3-Dichloropropene	8.85	75	1880258	12.147	ppbv		97
47) 1,1,2-Trichloroethane	9.62	97	1274522	10.114	ppbv		96
48) Dibromochloromethane	10.46	129	2195560	10.453	ppbv		100
49) Bromoform	13.21	173	1952572	11.830	ppbv		100
50) 4-Methyl-2-Pentanone	8.88	43	3051245	11.297	ppbv		98
51) 2-Hexanone	10.28	43	2275342	11.333	ppbv		97
52) Tetrachloroethene	11.38	164	997058	10.355	ppbv		97
53) Toluene	9.96	91	3254150	10.279	ppbv		98
54) 1,2-Dibromoethane	10.77	107	1863650	10.881	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.29	131	1585096	8.449	ppbv		98
57) Chlorobenzene	12.32	112	2560307	8.114	ppbv		95
58) Ethyl Benzene	12.88	91	4502631	9.033	ppbv		99
59) m/p-Xylene	13.16	91	2988417	6.733	ppbv	#	1
60) o-Xylene	13.86	91	3715777	8.678	ppbv		99
61) Styrene	13.70	104	2657884	9.258	ppbv		99
62) Isopropylbenzene	14.84	105	5294337	8.737	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.85	83	2696927	8.039	ppbv		99
64) n-propylbenzene	15.73	120	803131	5.333	ppbv	#	1
65) tert-Butylbenzene	16.92	119	4673038	9.055	ppbv		99
66) Benzyl Chloride	17.17	91	2587315	9.710	ppbv		99
67) sec-Butylbenzene	17.47	105	6661752	9.076	ppbv		99
69) p-Isopropyltoluene	17.83	119	5485549	9.431	ppbv		99
70) n-Butylbenzene	18.72	91	5726477	9.563	ppbv		99
71) 2-Chlorotoluene	15.63	91	4113906	9.553	ppbv		100
72) 4-Ethyltoluene	16.01	105	4350442	9.540	ppbv		100
73) 1,3,5-Trimethylbenzene	16.17	105	4157148	9.359	ppbv		98
74) 1,2,4-Trimethylbenzene	16.94	105	4272166	9.006	ppbv		93
75) 1,3-Dichlorobenzene	17.18	146	2456139	9.005	ppbv		99
76) 1,4-Dichlorobenzene	17.32	146	2420360	9.615	ppbv		99
77) 1,2-Dichlorobenzene	18.00	146	2399016	9.284	ppbv		99
78) Hexachloro-1,3-Butadiene	23.55	225	1538465	12.600	ppbv		99
79) Naphthalene	22.43	128	3290415	11.160	ppbv		99
80) Naphthalene,2-methyl-	25.13	142	842750	11.755	ppbv		99
81) 1,2,4-Trichlorobenzene	22.15	180	1726887	11.310	ppbv		99

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

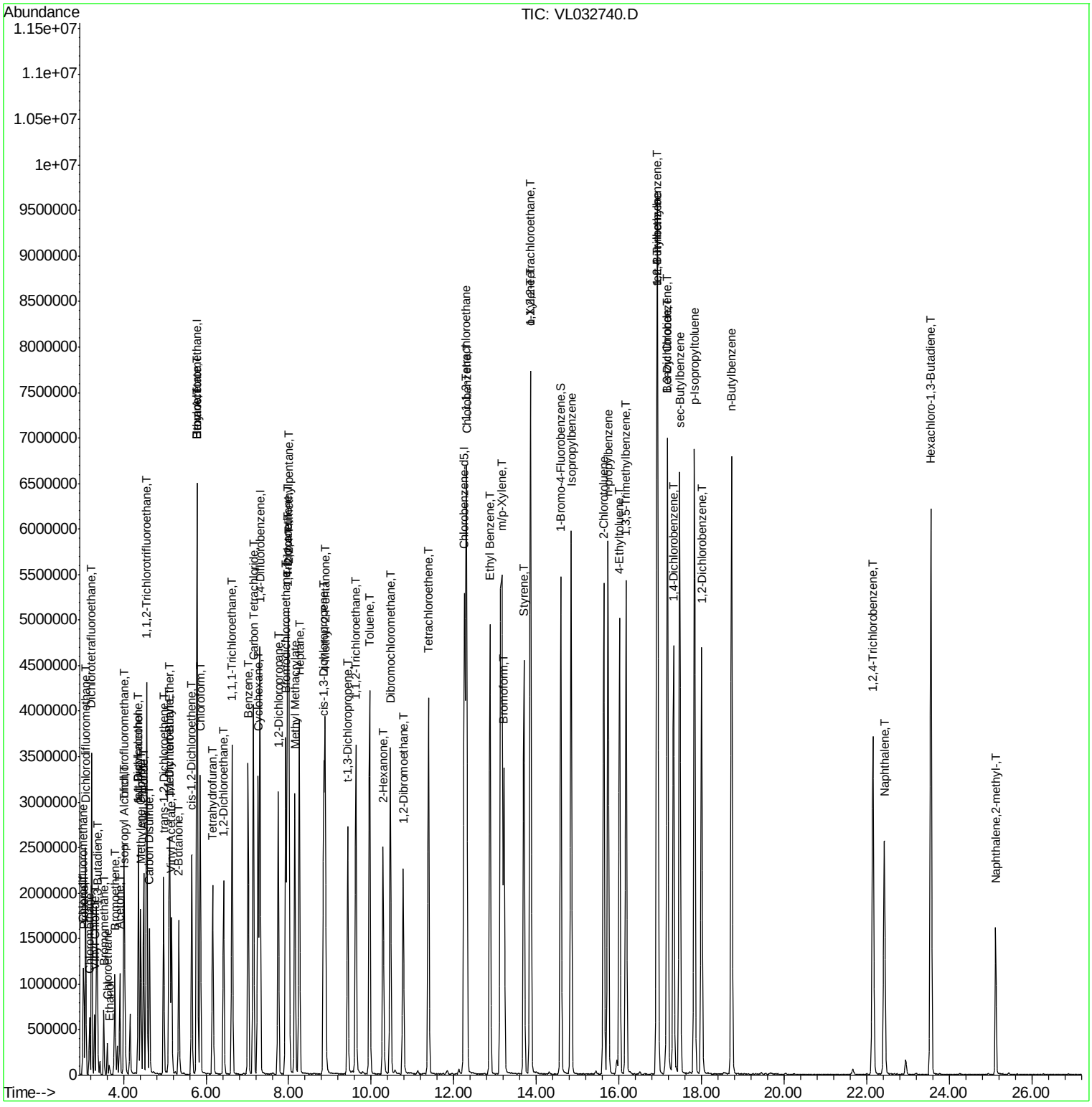
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110718\

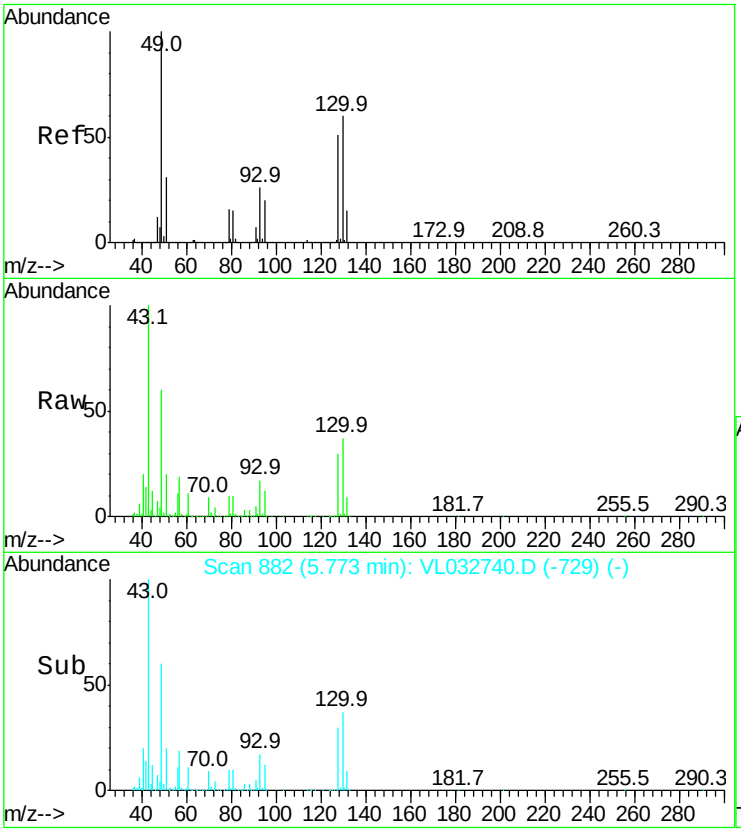
Quantitation Report (Not Reviewed)

Data File : VL032740.D
Acq On : 8 Nov 2018 9:49
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Nov 08 11:02:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 25 05:15:43 2018
QLast Update : Thu Oct 25 05:15:43 2018
Response via : Initial Calibration



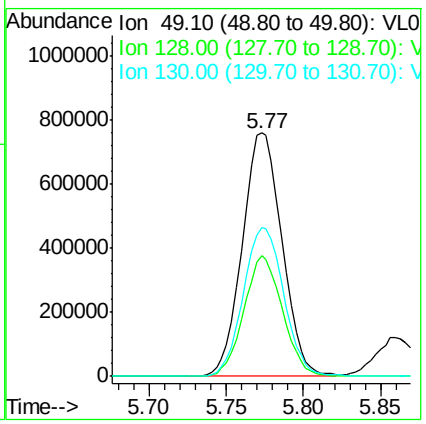


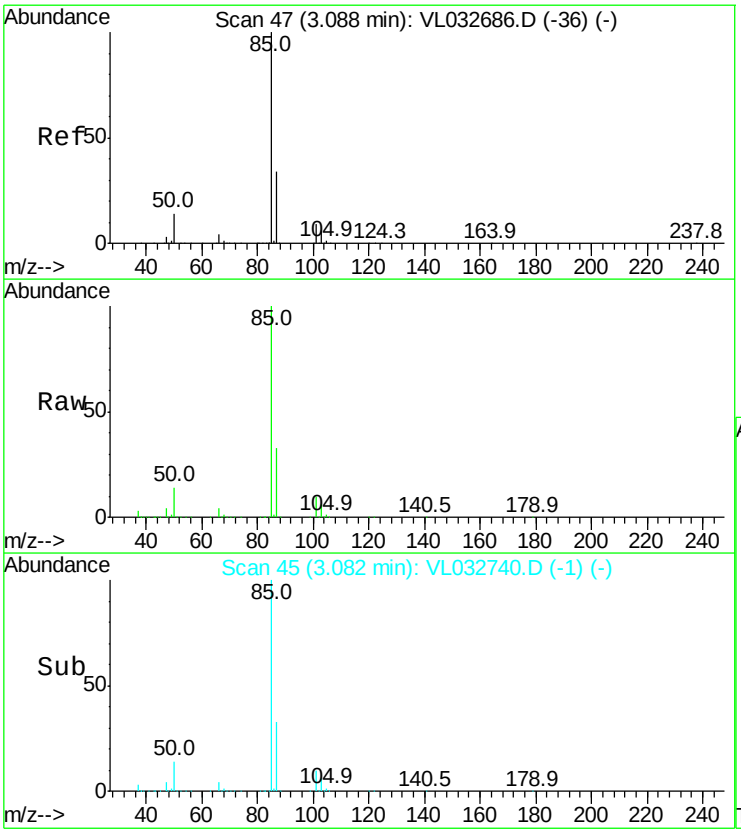
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.77 min Scan# 882
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 1362311

Ion	Ratio	Lower	Upper
49	100		
128	48.4	22.3	66.8
130	62.3	28.4	85.3

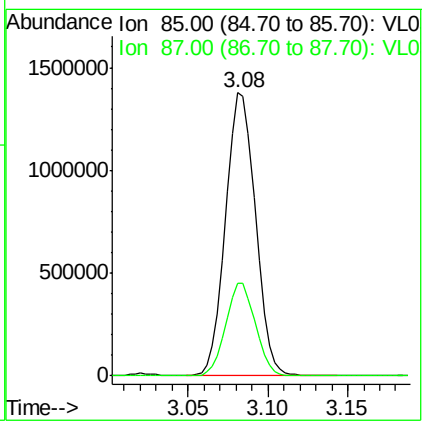


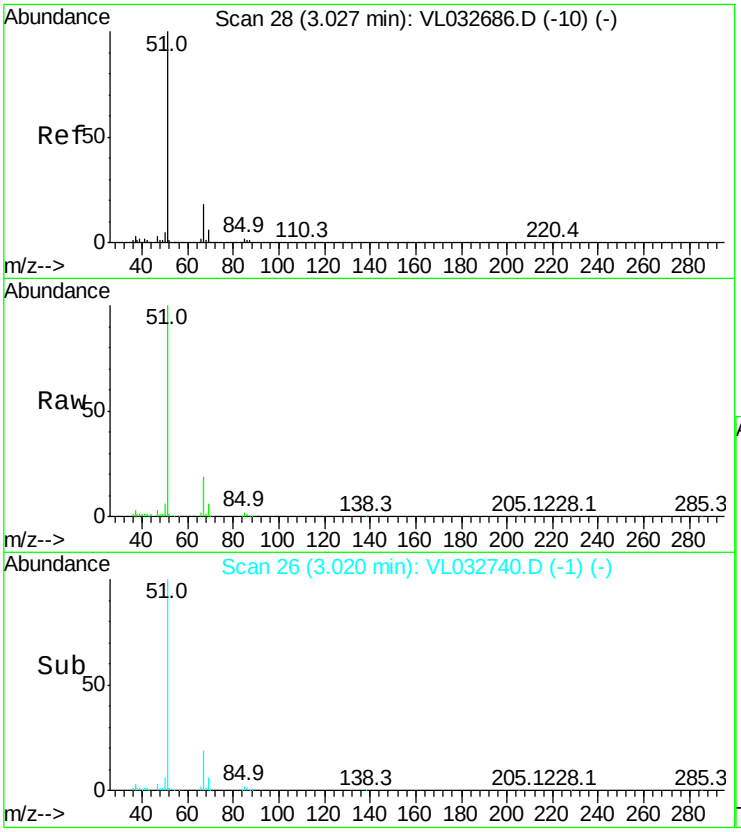


#2
Dichlorodifluoromethane
Concen: 12.629 ppbv
RT: 3.08 min Scan# 45
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 85 Resp: 1752836

Ion	Ratio	Lower	Upper
85	100		
87	32.6	26.2	39.2



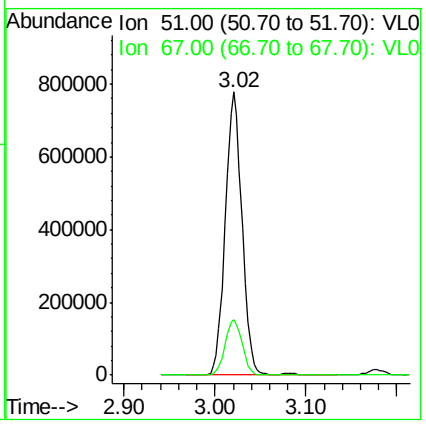


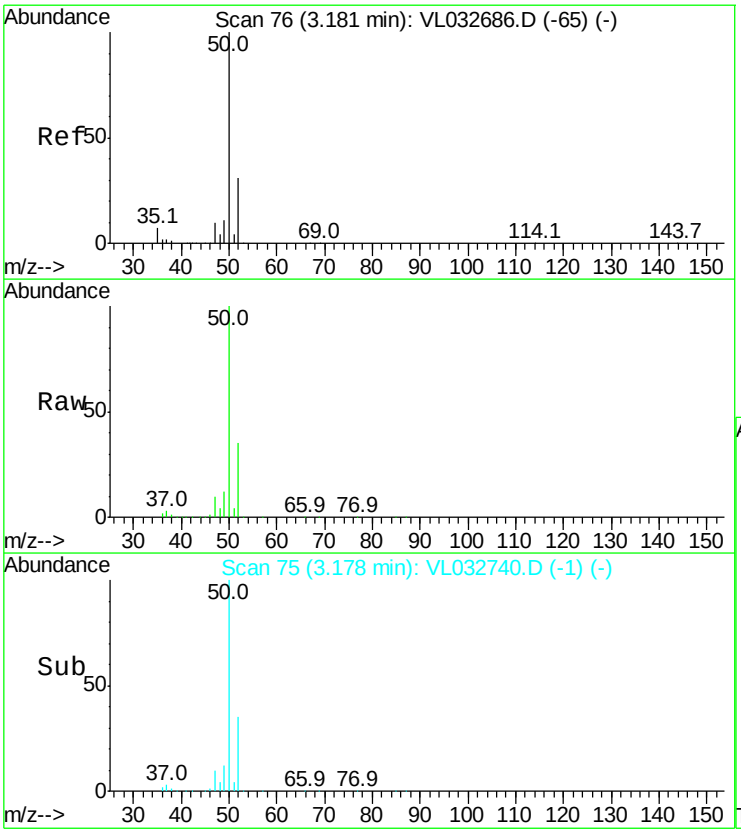
#3
Chlorodifluoromethane
Concen: 9.382 ppbv
RT: 3.02 min Scan# 26
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 999587

Ion	Ratio	Lower	Upper
51	100		
67	19.9	15.2	22.8

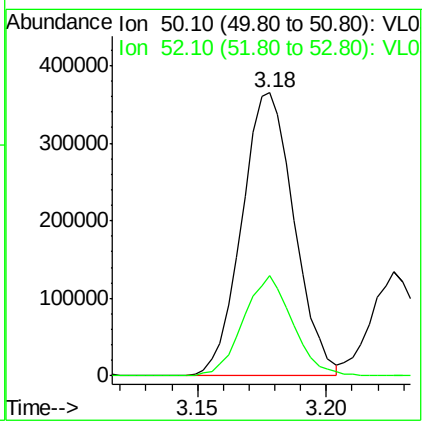


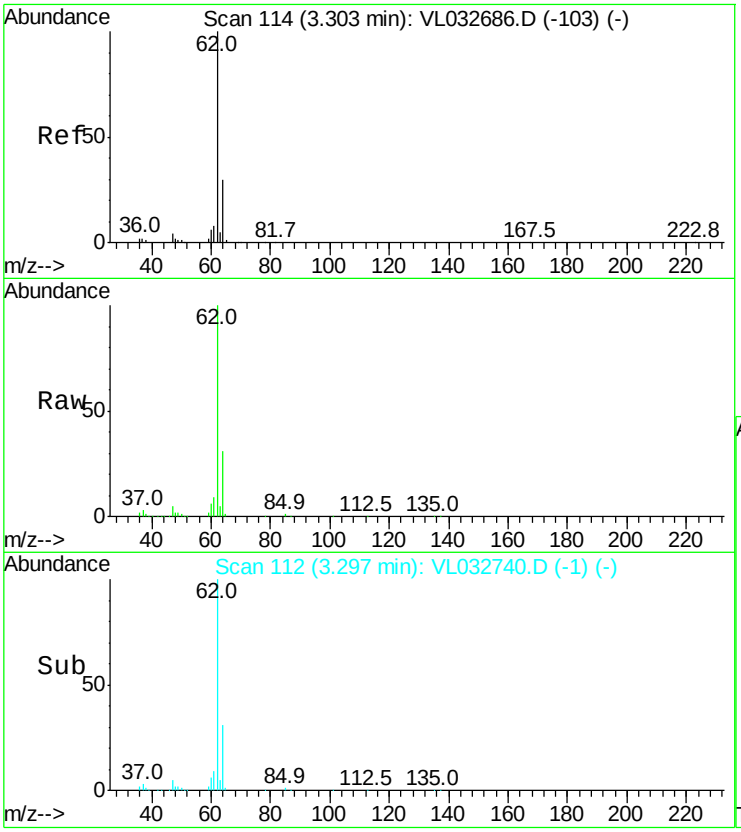


#4
Chloromethane
Concen: 8.700 ppbv
RT: 3.18 min Scan# 75
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 50 Resp: 517956

Ion	Ratio	Lower	Upper
50	100		
52	35.4	25.9	38.9



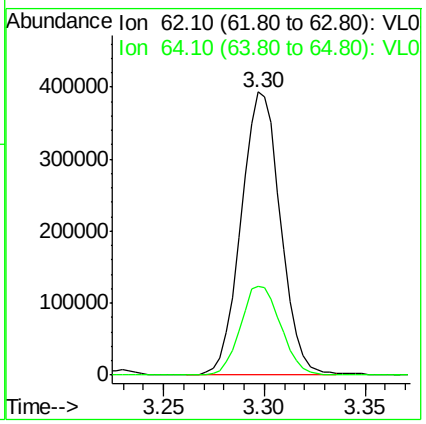


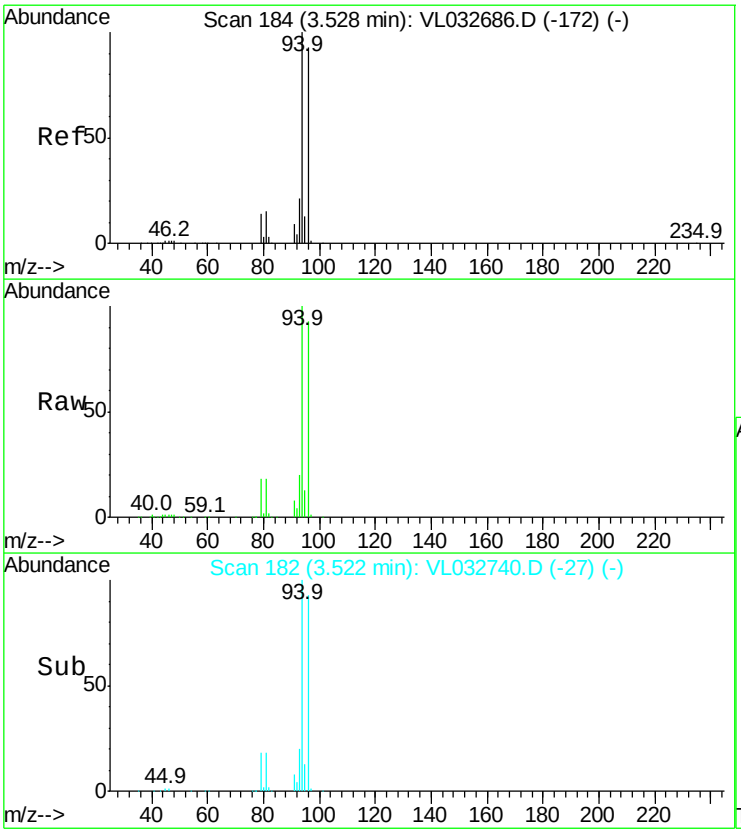
#5
Vinyl Chloride
Concen: 8.374 ppbv
RT: 3.30 min Scan# 112
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 540048

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.5	38.3

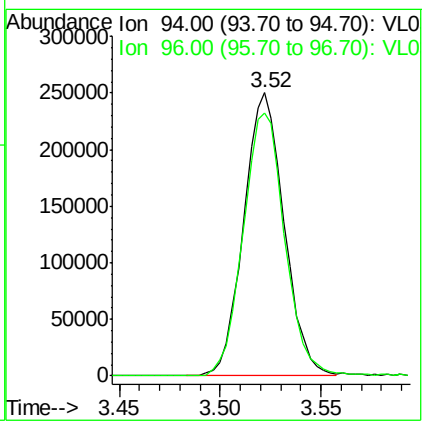


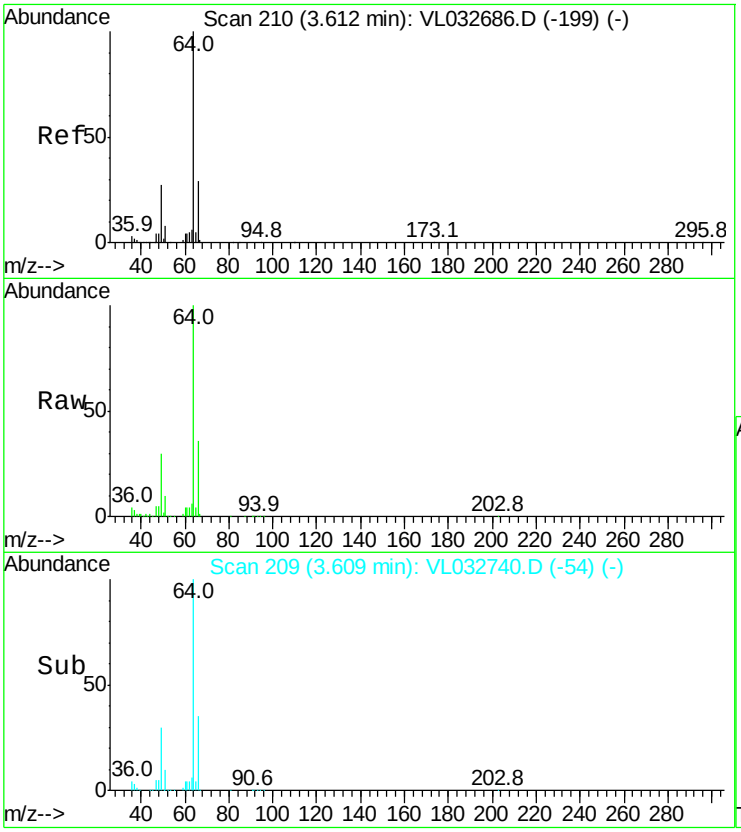


#6
Bromomethane
Concen: 8.739 ppbv
RT: 3.52 min Scan# 182
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 94 Resp: 351370

Ion	Ratio	Lower	Upper
94	100		
96	92.8	69.8	104.8



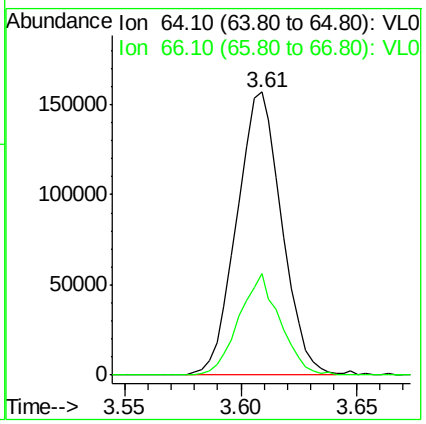


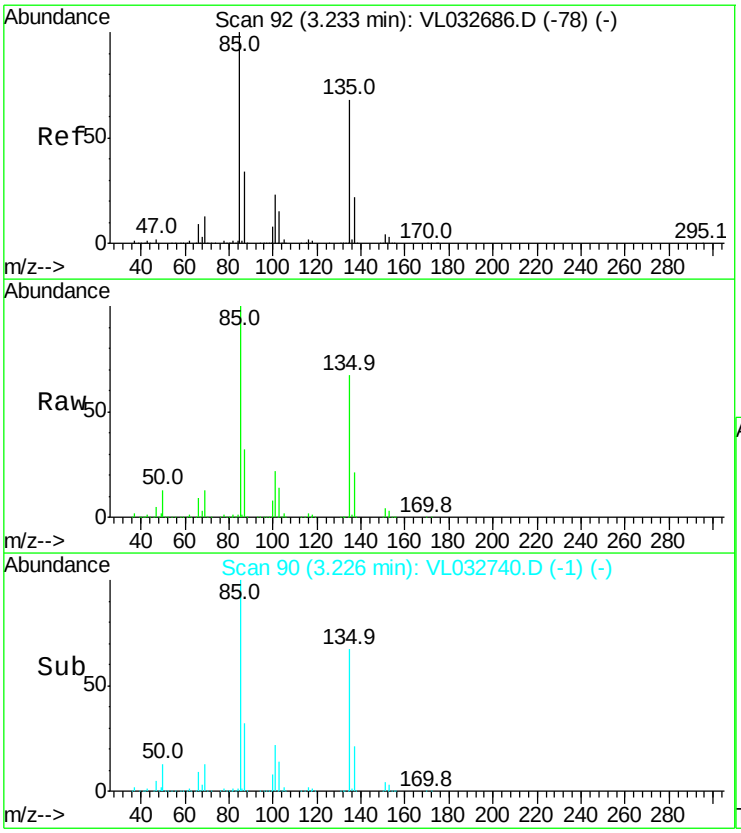
#7
Chloroethane
Concen: 8.929 ppbv
RT: 3.61 min Scan# 209
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 212034

Ion	Ratio	Lower	Upper
64	100		
66	35.7	24.4	36.6

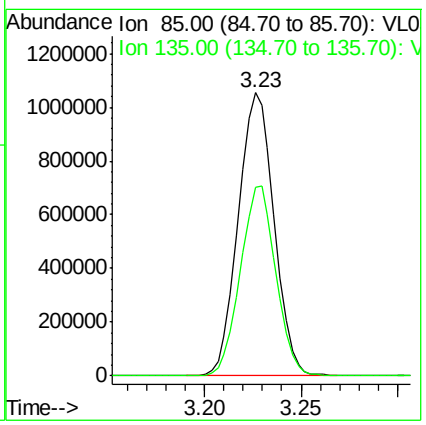


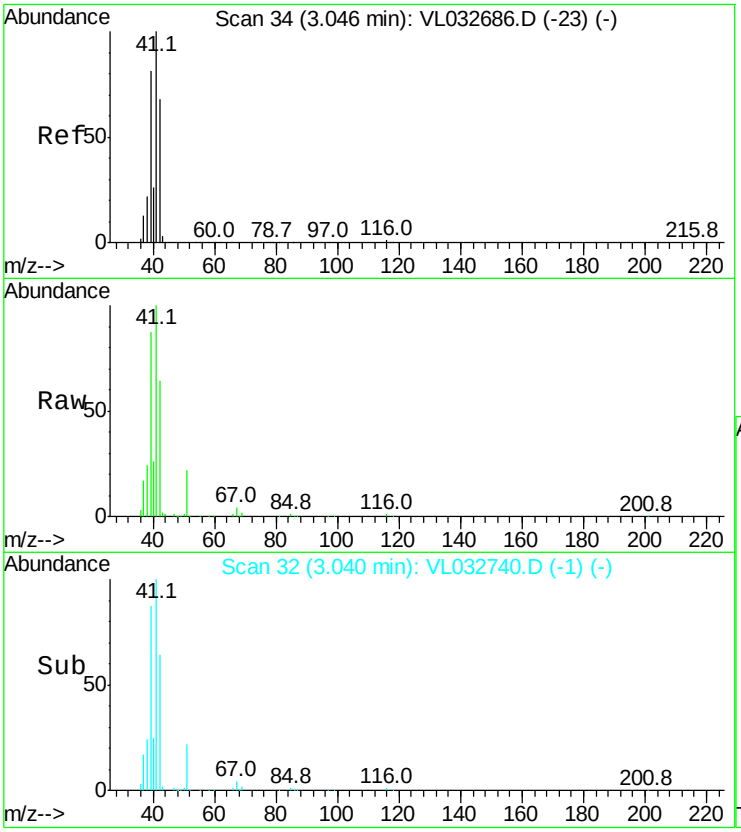


#8
Dichlorotetrafluoroethane
Concen: 9.263 ppbv
RT: 3.23 min Scan# 90
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 85 Resp: 1355142

Ion	Ratio	Lower	Upper
85	100		
135	66.7	49.0	73.4



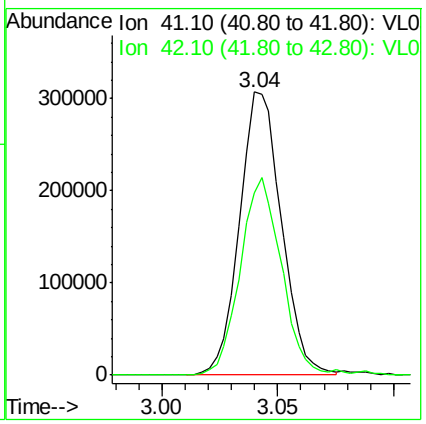


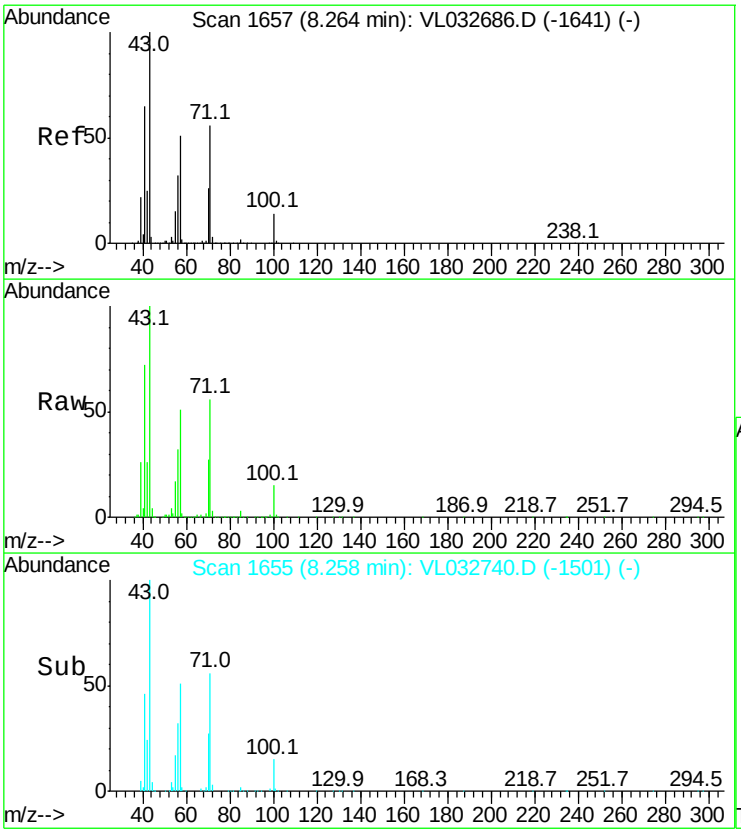
#9
Propene
Concen: 8.821 ppbv
RT: 3.04 min Scan# 32
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 386768

Ion	Ratio	Lower	Upper
41	100		
42	69.3	55.4	83.0

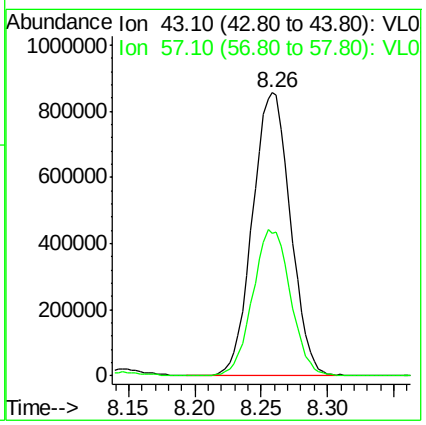


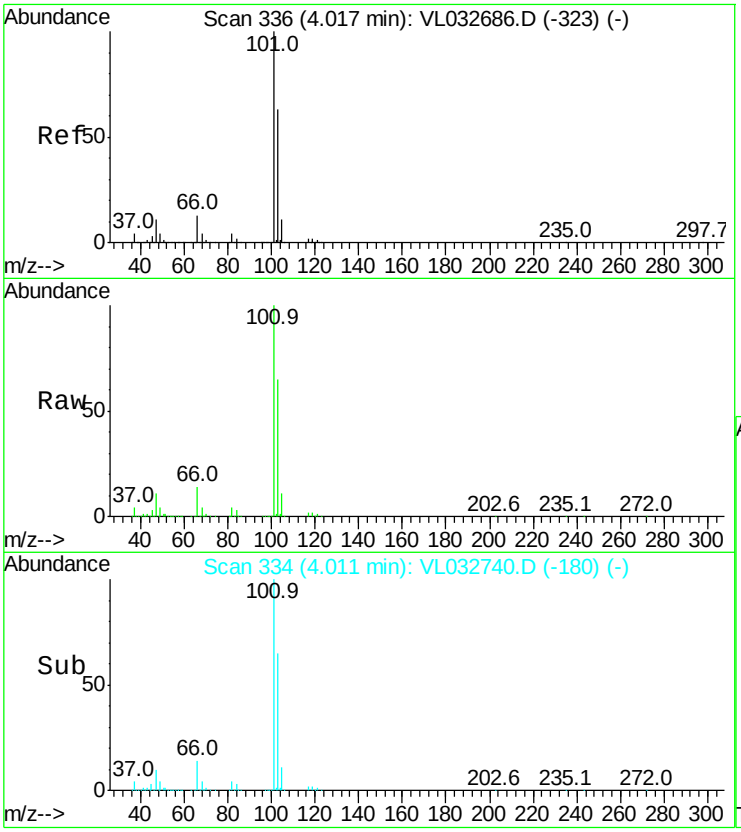


#10
Heptane
Concen: 10.082 ppbv
RT: 8.26 min Scan# 1655
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 43 Resp: 1703422

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.5	62.3



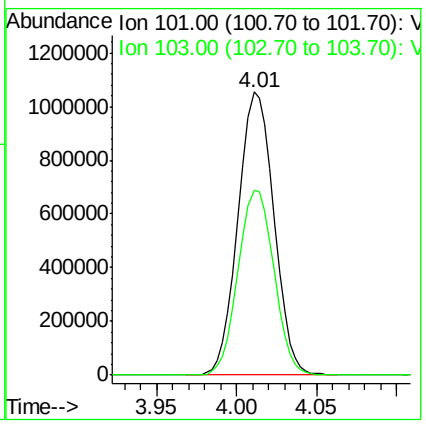


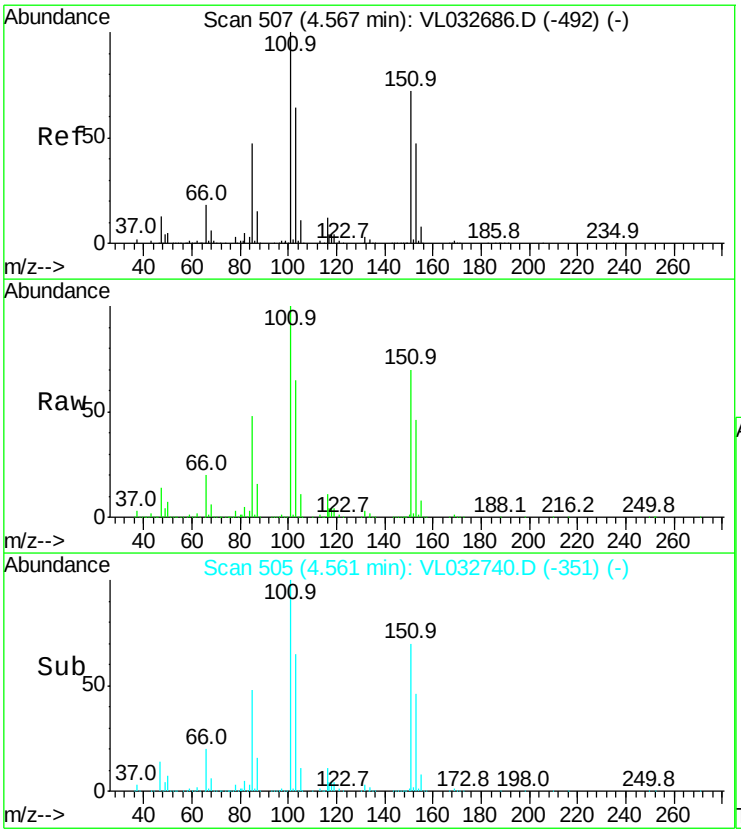
#11
Trichlorofluoromethane
Concen: 8.882 ppbv
RT: 4.01 min Scan# 334
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1610249

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.4	77.2

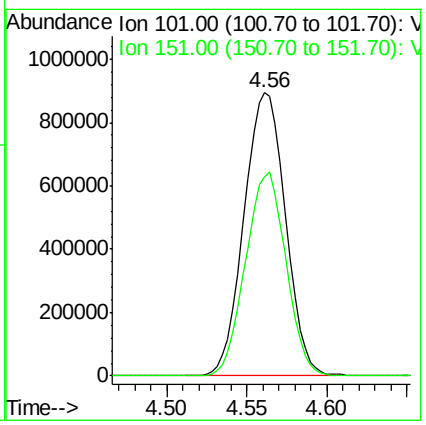


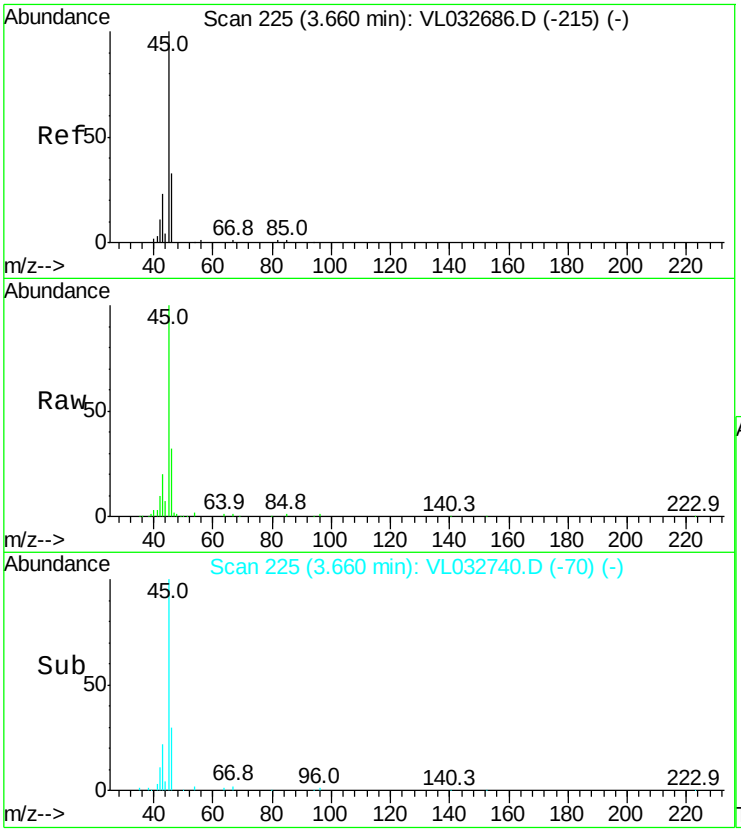


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.525 ppbv
RT: 4.56 min Scan# 505
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:101 Resp: 1586902

Ion	Ratio	Lower	Upper
101	100		
151	70.1	52.3	78.5



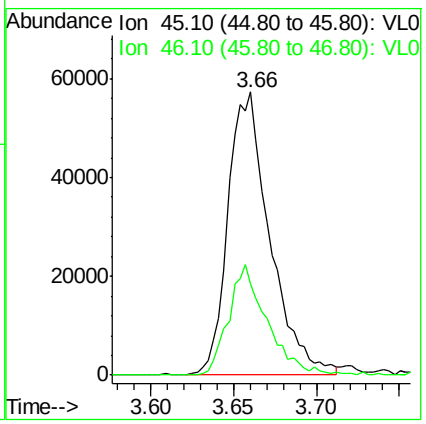


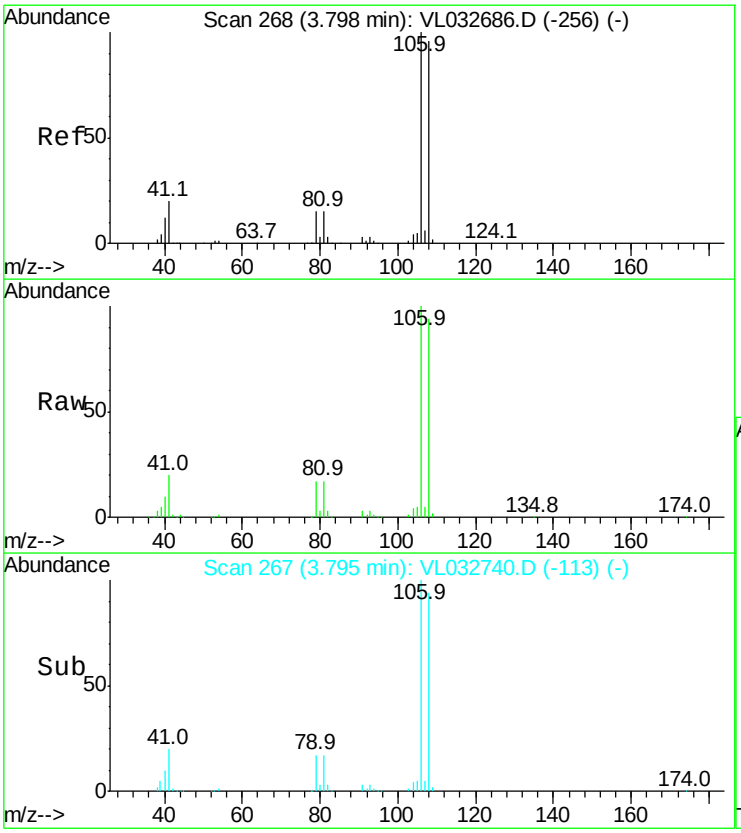
#13
Ethanol
Concen: 8.025 ppbv
RT: 3.66 min Scan# 225
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 100567

Ion	Ratio	Lower	Upper
45	100		
46	36.2	15.4	61.8

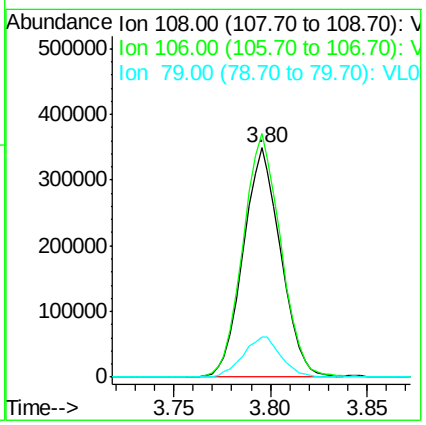


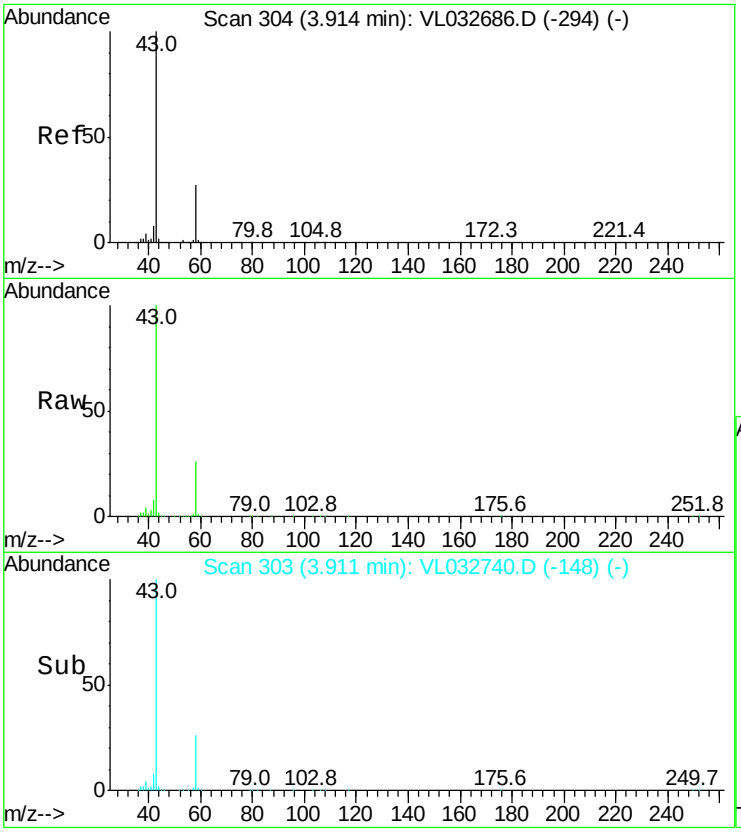


#14
Bromoethene
Concen: 9.223 ppbv
RT: 3.80 min Scan# 267
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:108 Resp: 469945

Ion	Ratio	Lower	Upper
108	100		
106	108.1	85.0	127.4
79	18.2	13.7	20.5



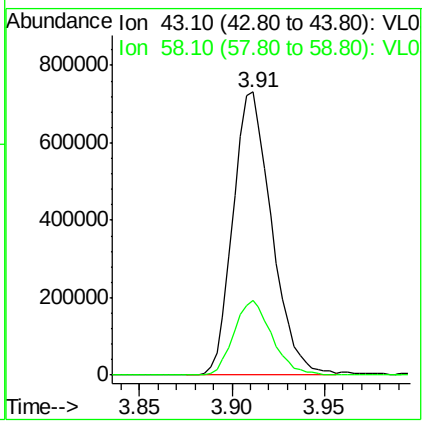


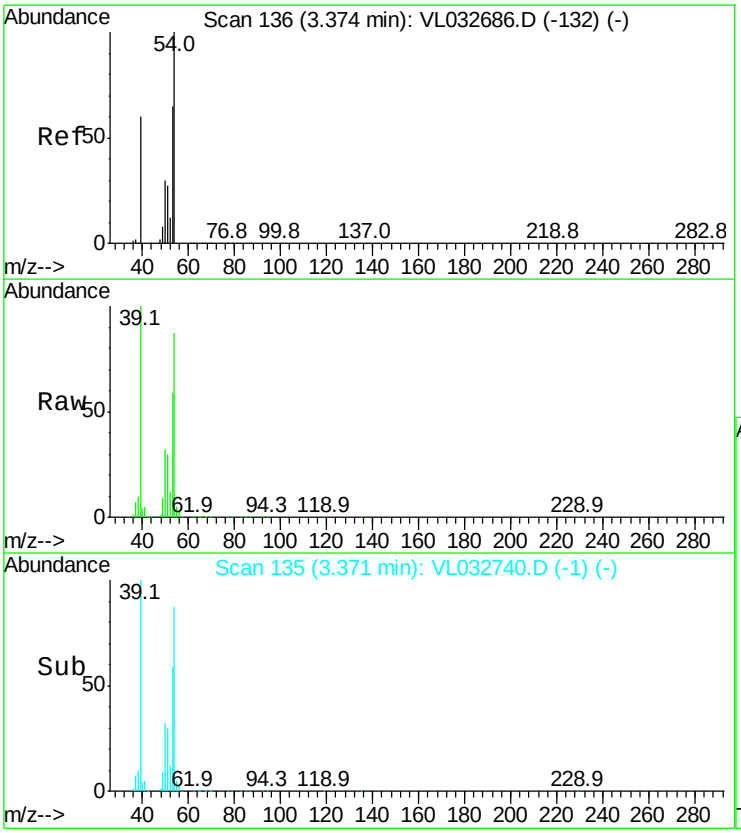
#15
Acetone
Concen: 8.415 ppbv
RT: 3.91 min Scan# 303
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1058604

Ion	Ratio	Lower	Upper
43	100		
58	26.2	22.1	33.1

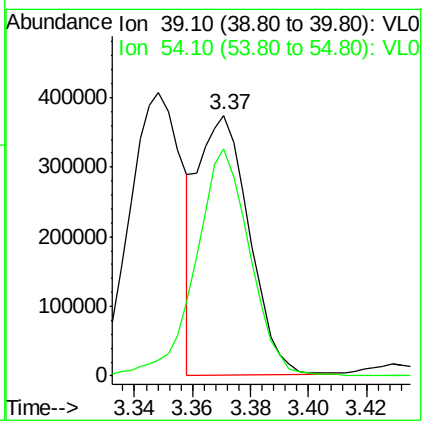


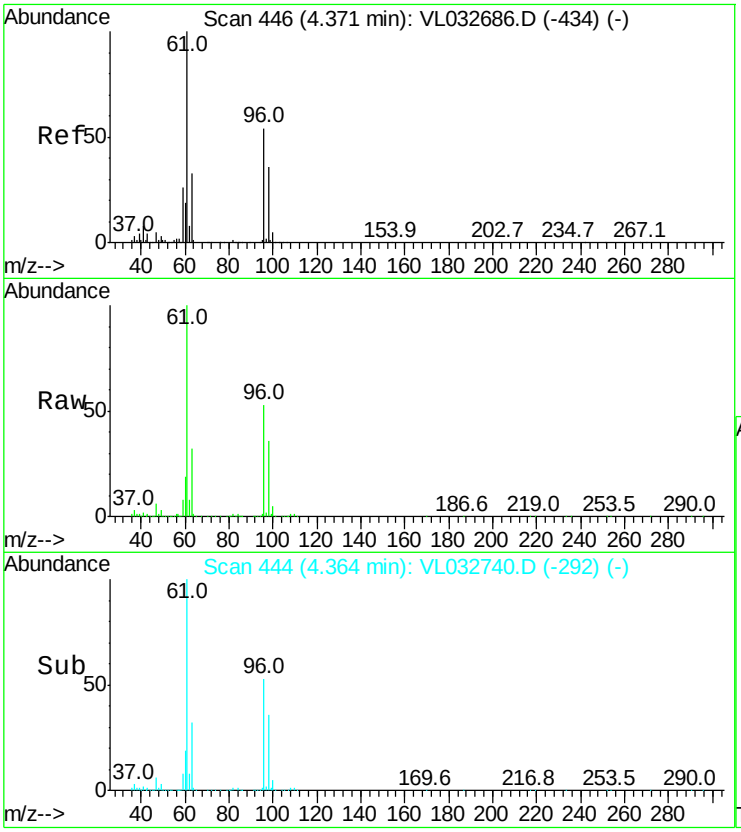


#16
1,3-Butadiene
Concen: 9.817 ppbv
RT: 3.37 min Scan# 135
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 39 Resp: 454300

Ion	Ratio	Lower	Upper
39	100		
54	93.7	90.4	135.6



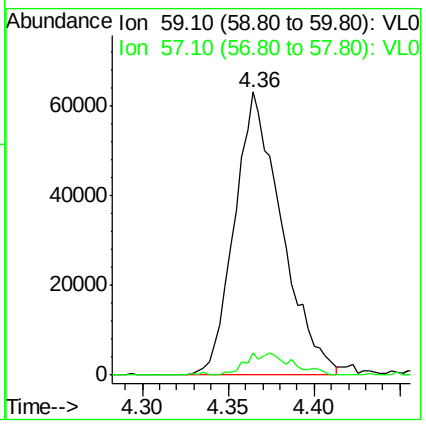


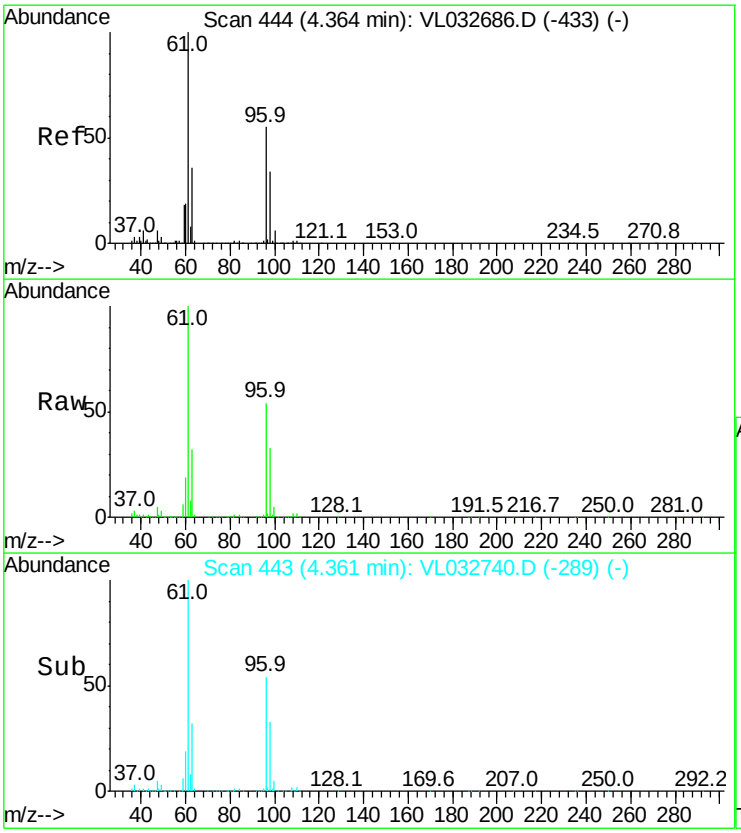
#17
tert-Butyl alcohol
Concen: 3.249 ppbv
RT: 4.36 min Scan# 444
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 120217

Ion	Ratio	Lower	Upper
59	100		
57	7.8	0.0	0.0#

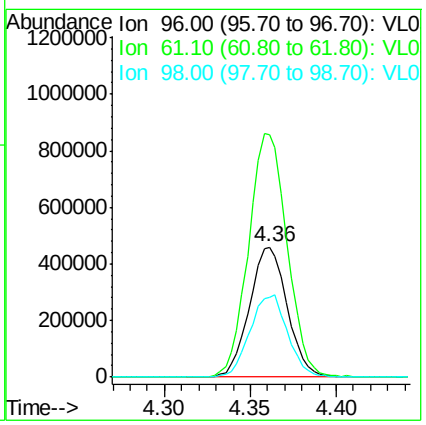


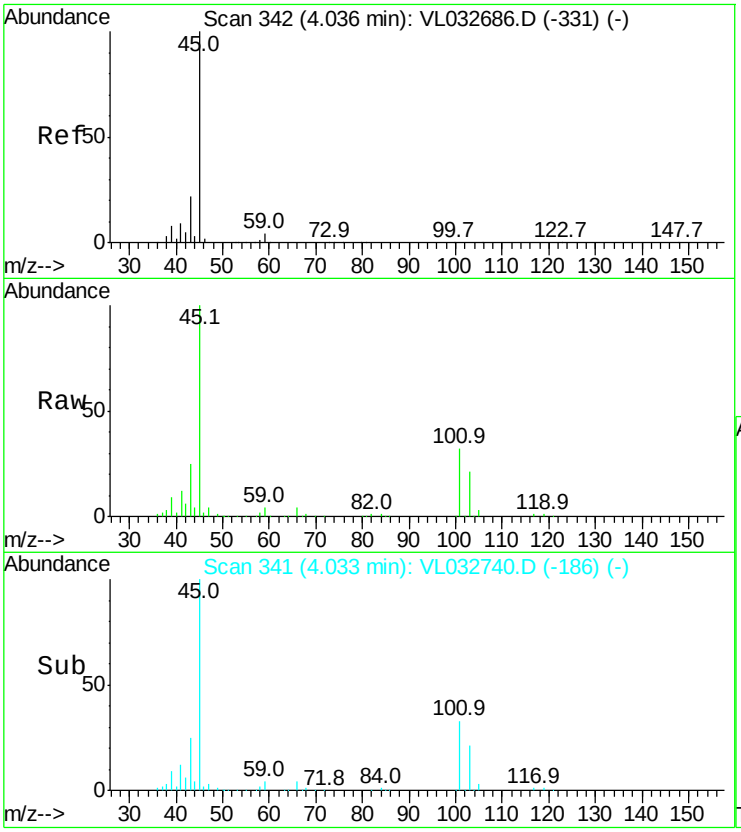


#18
1,1-Dichloroethene
Concen: 10.550 ppbv
RT: 4.36 min Scan# 443
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 96 Resp: 698811

Ion	Ratio	Lower	Upper
96	100		
61	186.4	151.6	227.4
98	61.2	50.6	75.8



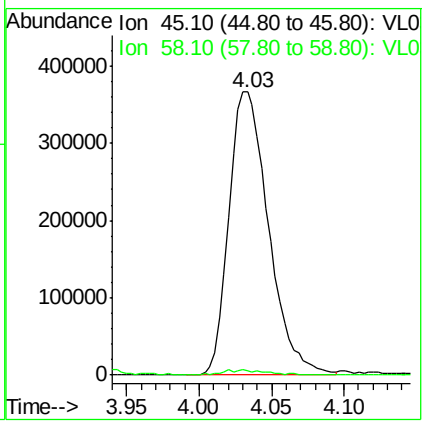


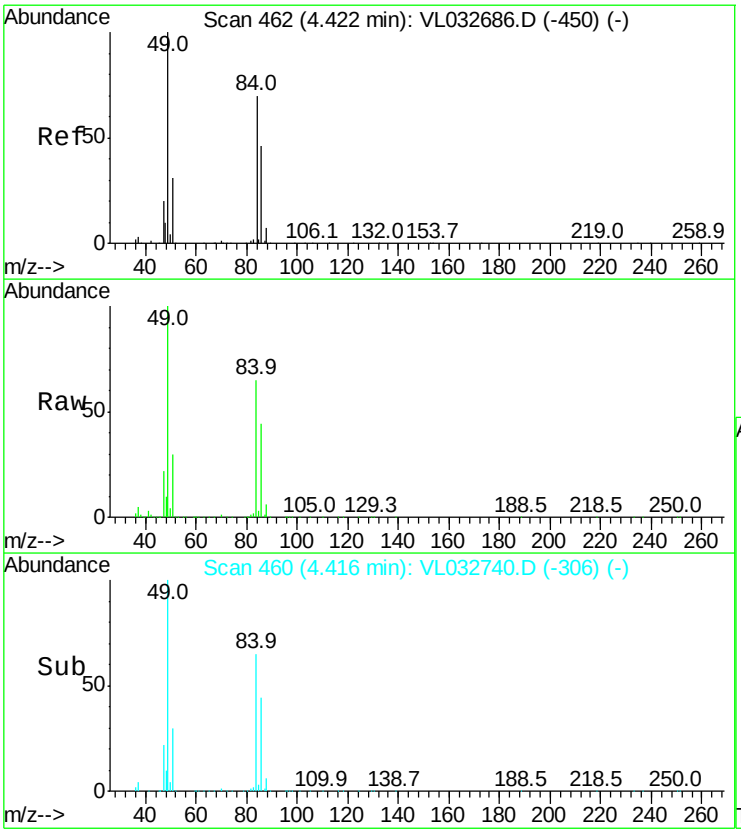
#19
Isopropyl Alcohol
Concen: 7.777 ppbv
RT: 4.03 min Scan# 341
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 696756

Ion	Ratio	Lower	Upper
45	100		
58	2.1	2.0	3.0

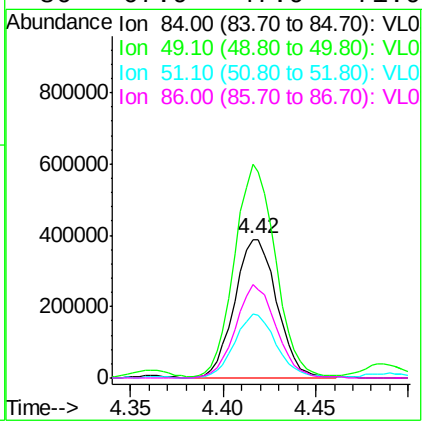


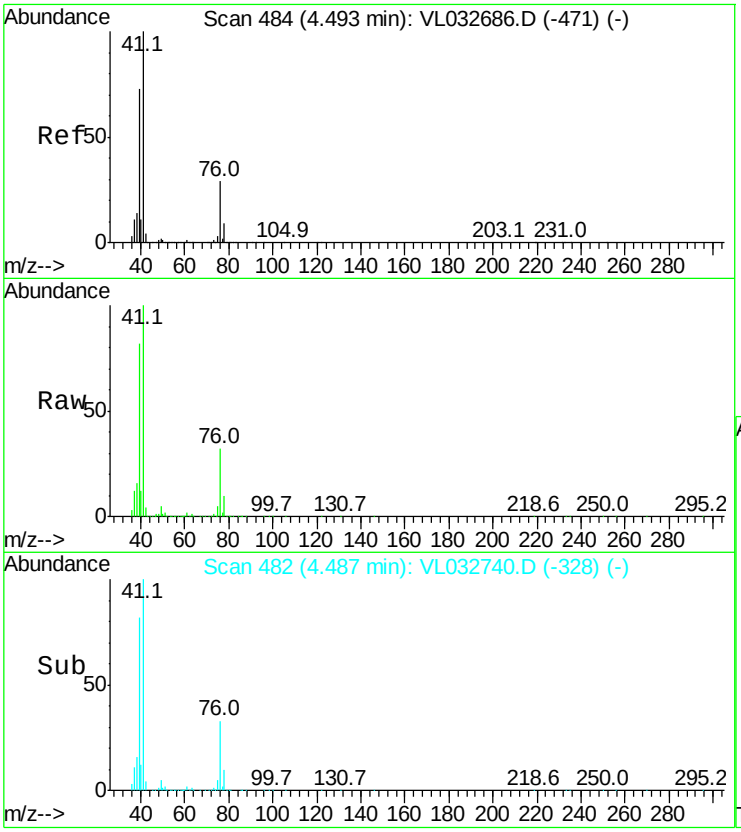


#20
Methylene Chloride
Concen: 9.617 ppbv
RT: 4.42 min Scan# 460
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 84 Resp: 614129

Ion	Ratio	Lower	Upper
84	100		
49	154.1	113.5	170.3
51	46.5	34.8	52.2
86	67.9	47.9	71.9



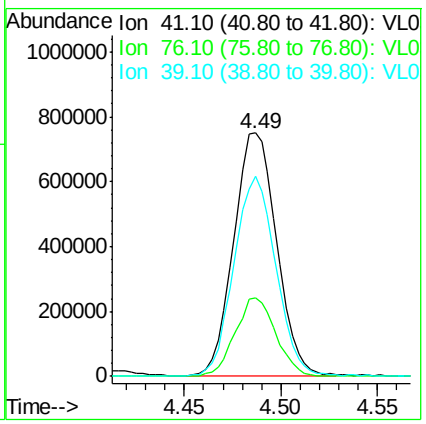


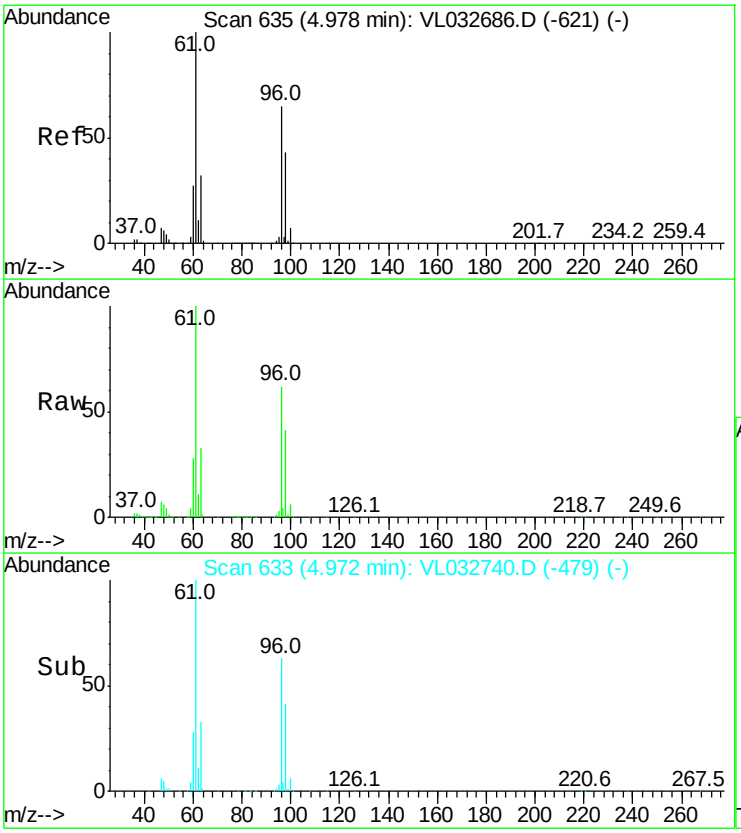
#21
Allyl Chloride
Concen: 11.227 ppbv
RT: 4.49 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 41 Resp: 1159573

Ion	Ratio	Lower	Upper
41	100		
76	30.7	24.3	36.5
39	80.6	60.3	90.5

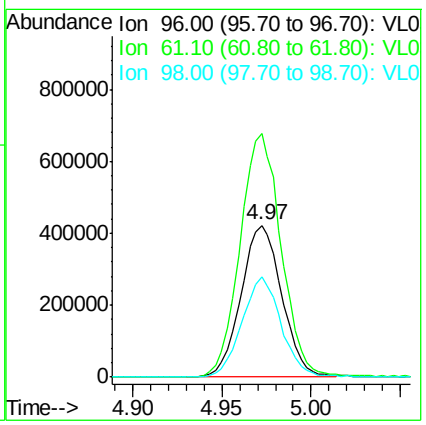


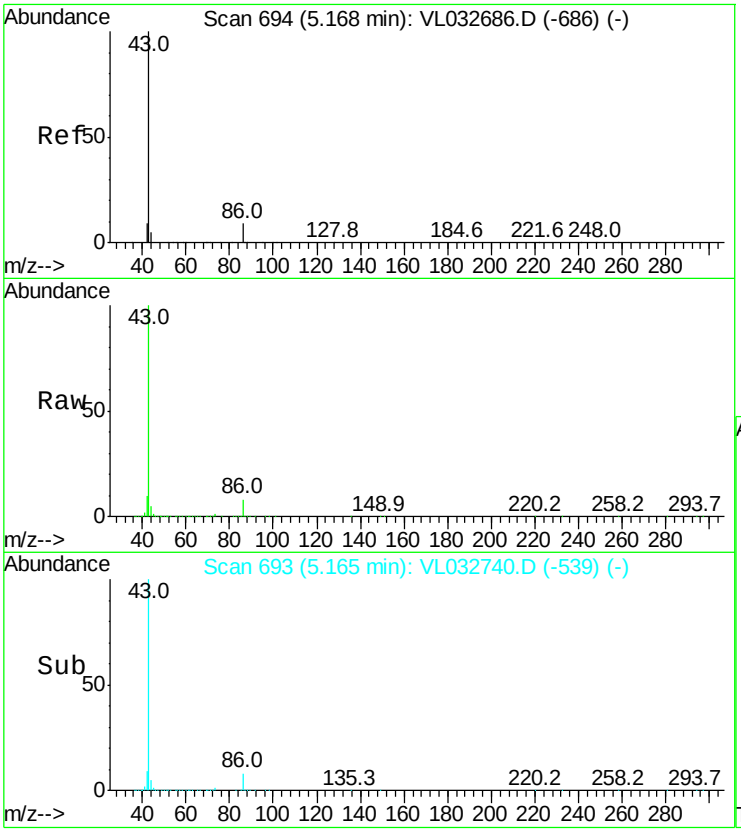


#22
trans-1,2-Dichloroethene
Concen: 9.865 ppbv
RT: 4.97 min Scan# 633
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 96 Resp: 670247

Ion	Ratio	Lower	Upper
96	100		
61	160.2	140.4	210.6
98	65.6	55.0	82.6



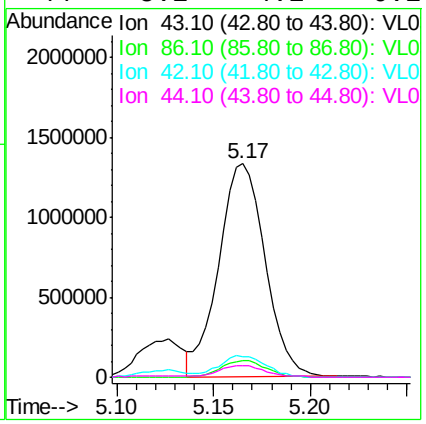


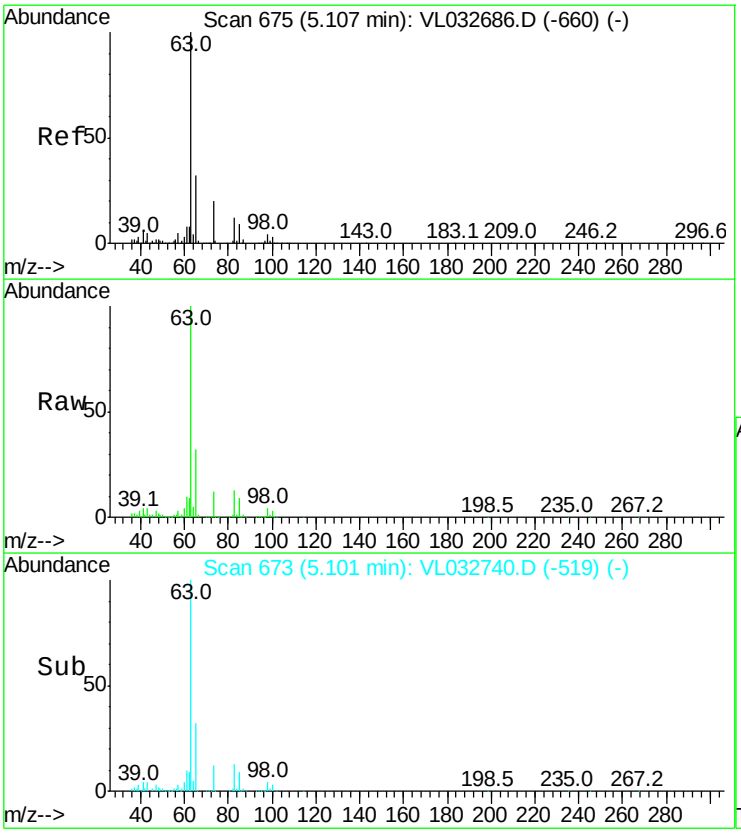
#23
Vinyl Acetate
Concen: 9.962 ppbv
RT: 5.17 min Scan# 693
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2220719

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.1	9.1
42	9.4	7.4	11.2
44	5.2	4.2	6.2

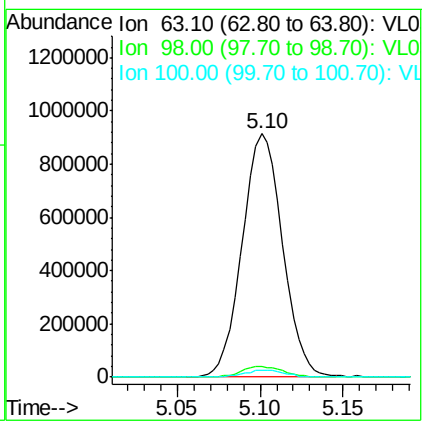


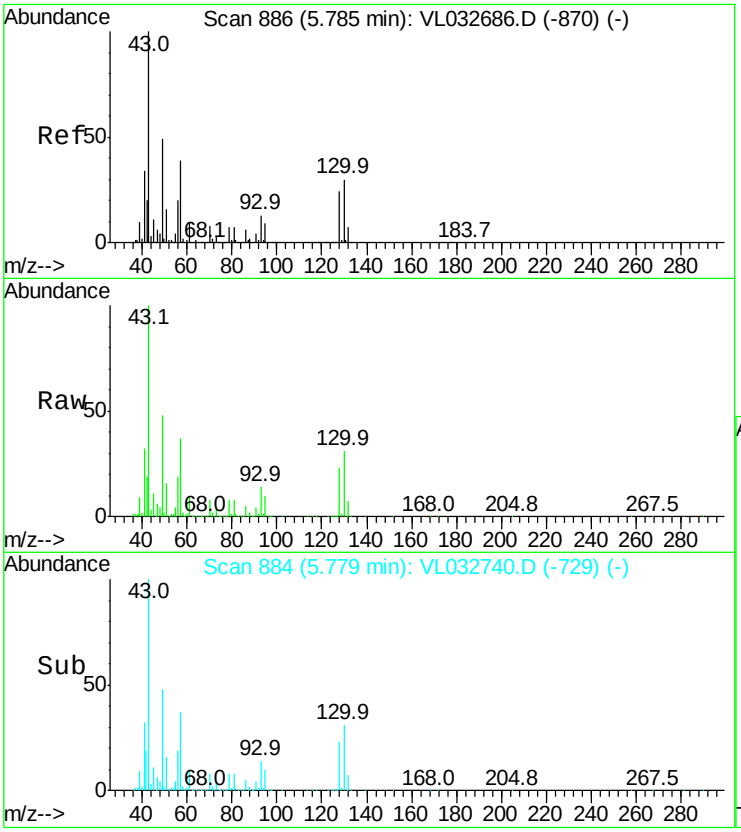


#24
1,1-Dichloroethane
Concen: 8.817 ppbv
RT: 5.10 min Scan# 673
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 63 Resp: 1542880

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.3
100	2.8	1.2	3.6



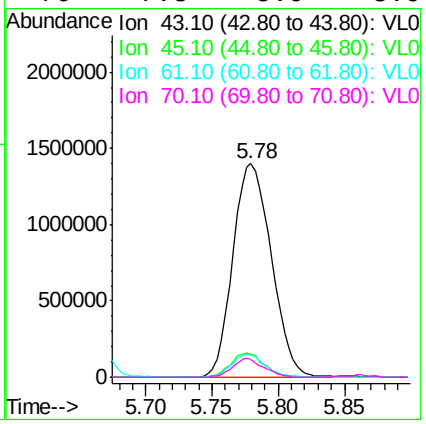


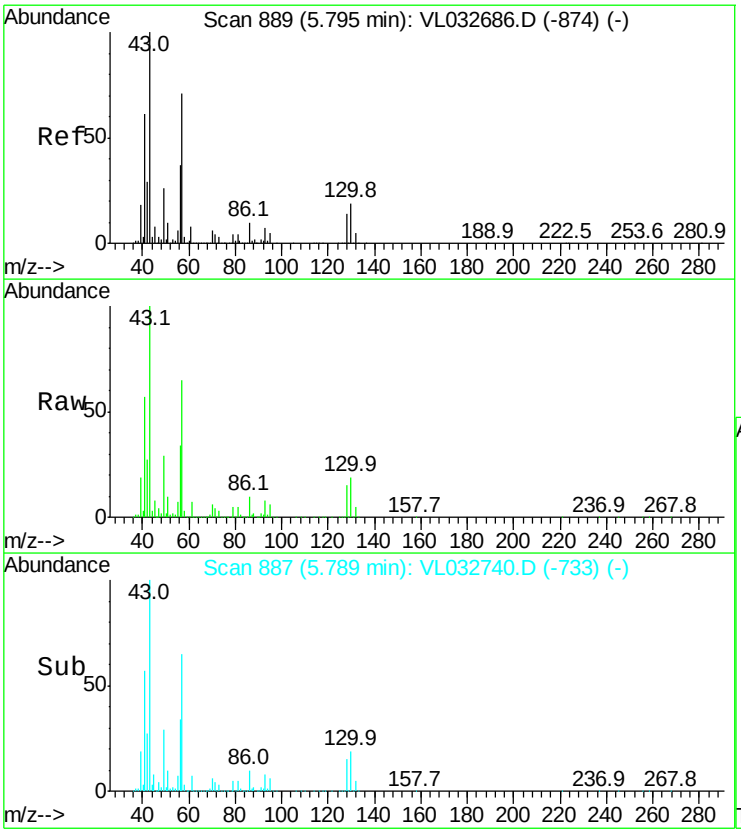
#25
Ethyl Acetate
Concen: 9.739 ppbv
RT: 5.78 min Scan# 884
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2819932

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.4	8.0	12.0
70	7.3	5.9	8.9

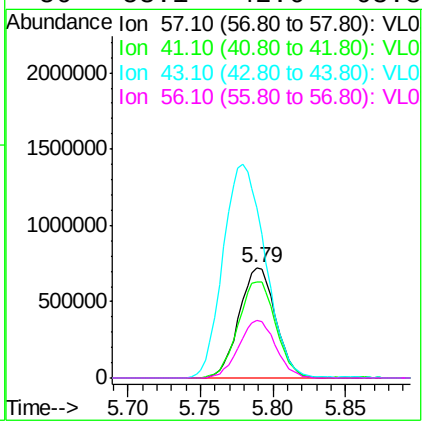


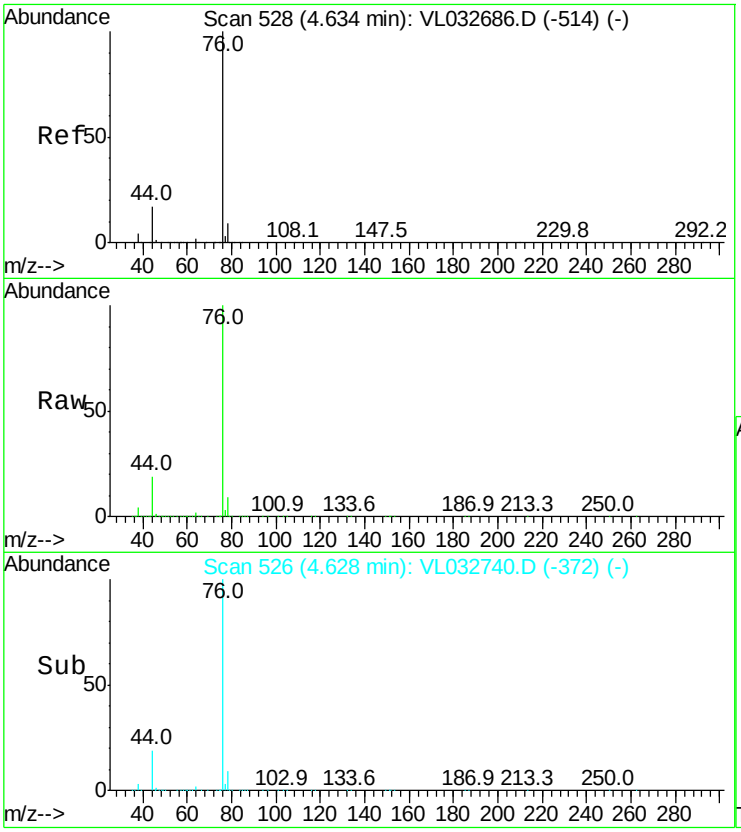


#26
Hexane
Concen: 9.206 ppbv
RT: 5.79 min Scan# 887
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 57 Resp: 1261346

Ion	Ratio	Lower	Upper
57	100		
41	90.5	67.4	101.0
43	224.6	171.9	257.9
56	53.1	42.6	63.8



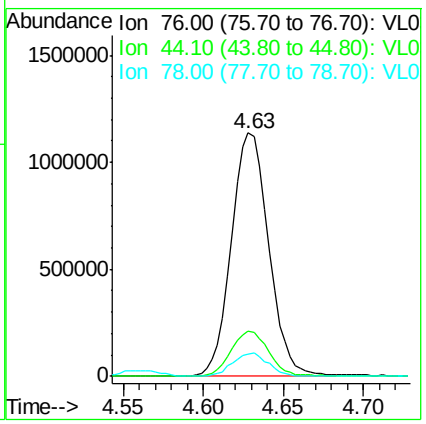


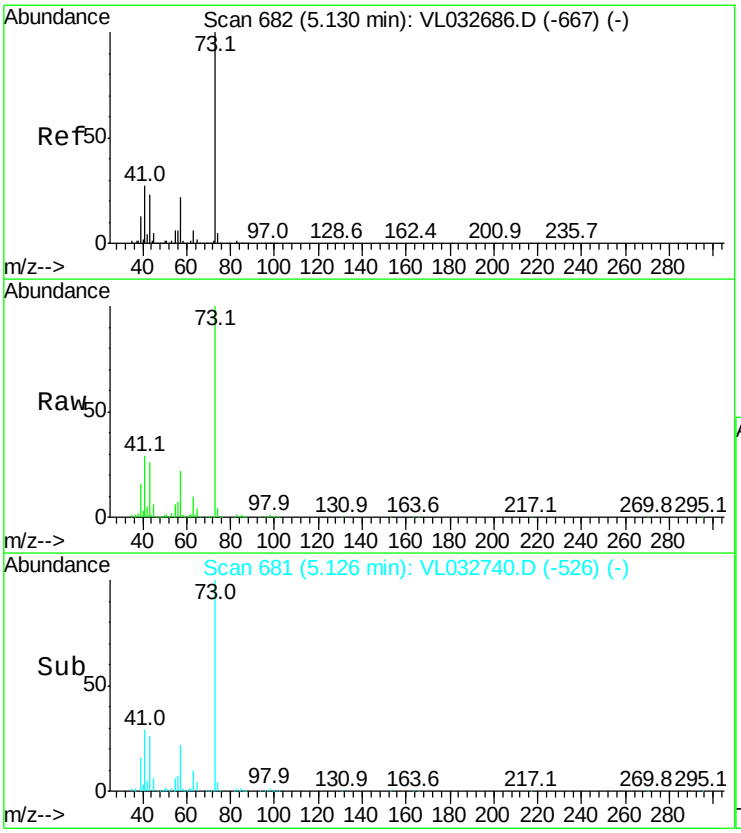
#27
Carbon Disulfide
Concen: 10.856 ppbv
RT: 4.63 min Scan# 526
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1804240

Ion	Ratio	Lower	Upper
76	100		
44	18.6	13.7	20.5
78	9.3	7.4	11.2

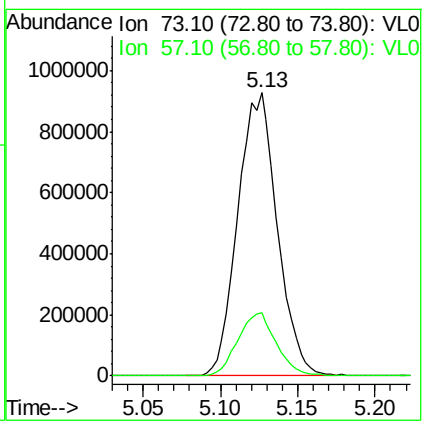


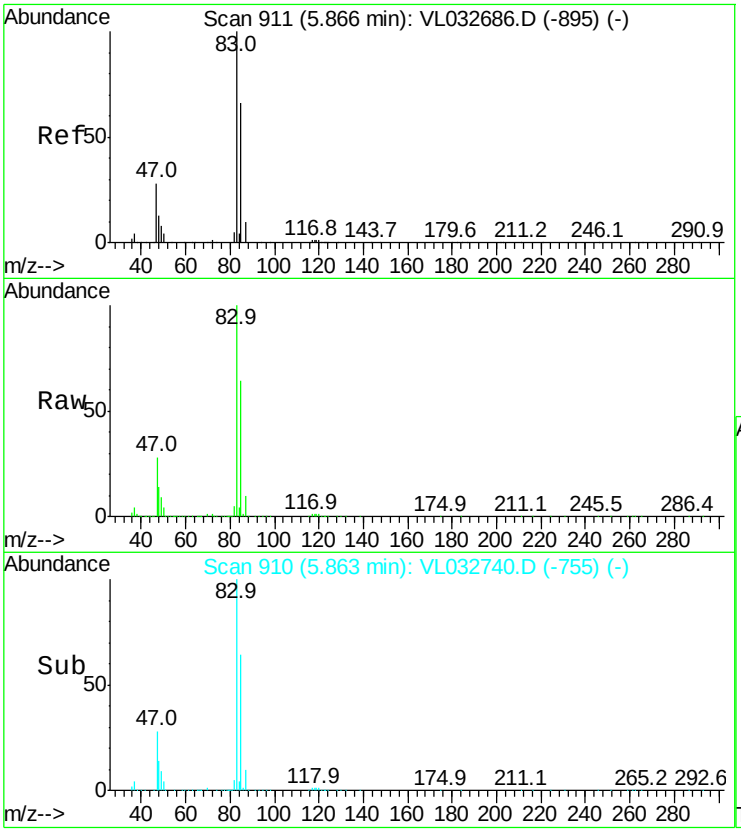


#28
Methyl tert-Butyl Ether
Concen: 8.348 ppbv
RT: 5.13 min Scan# 681
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 73 Resp: 1643722

Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.0	27.0



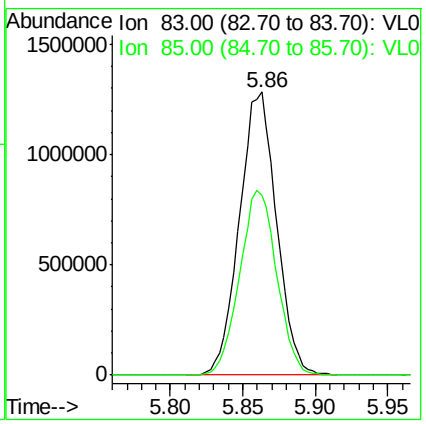


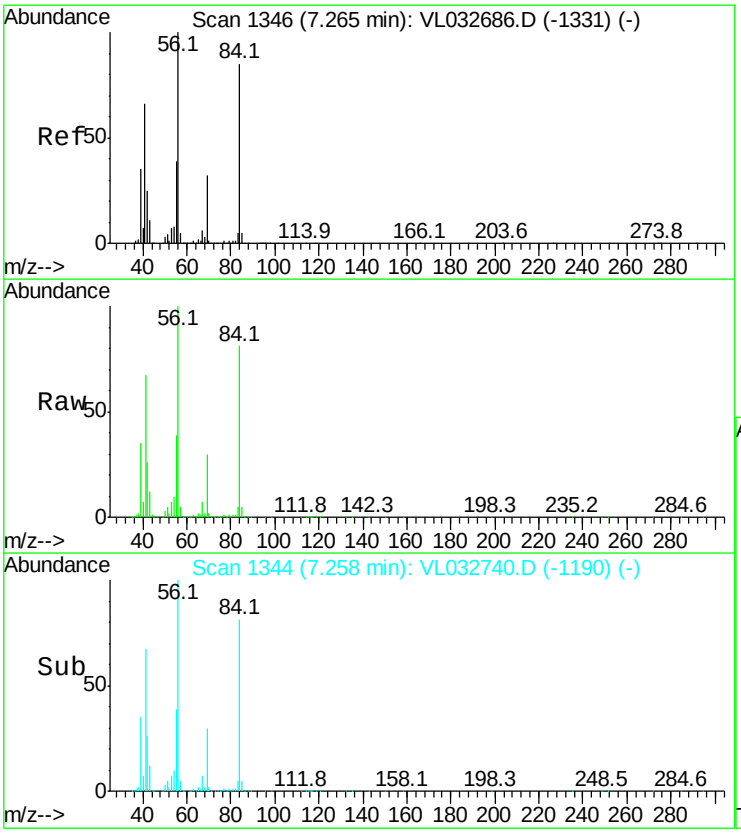
#29
Chloroform
Concen: 10.454 ppbv
RT: 5.86 min Scan# 910
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 2287859

Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.6

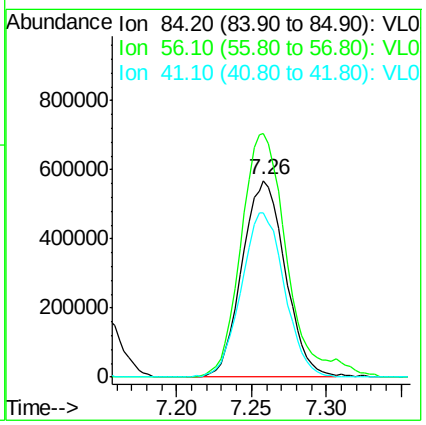


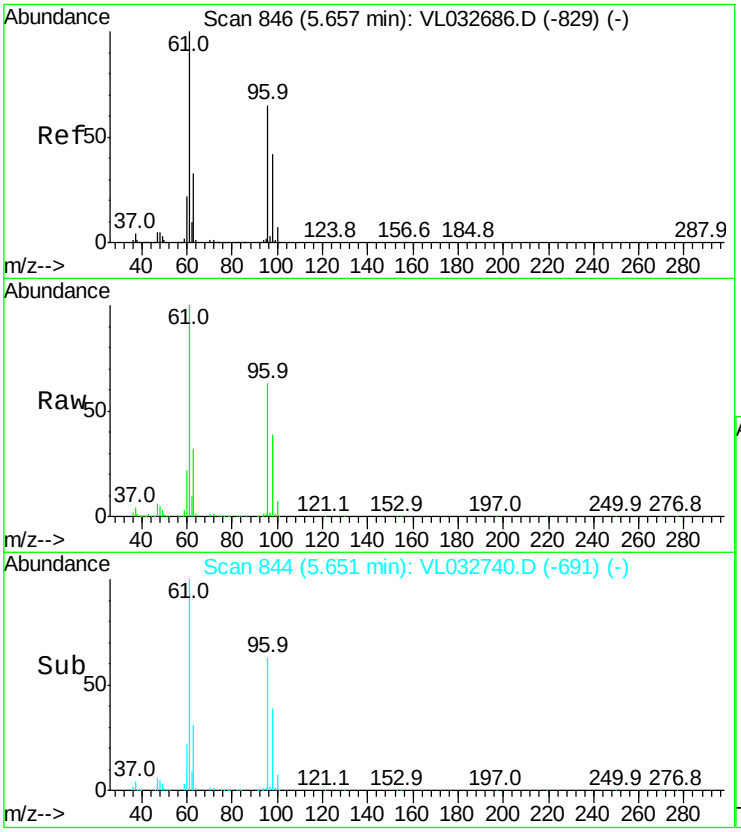


#30
Cyclohexane
Concen: 10.479 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 84 Resp: 1136396

Ion	Ratio	Lower	Upper
84	100		
56	132.9	108.3	162.5
41	84.3	64.8	97.2



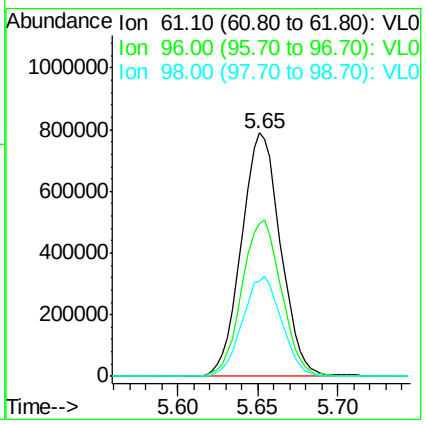


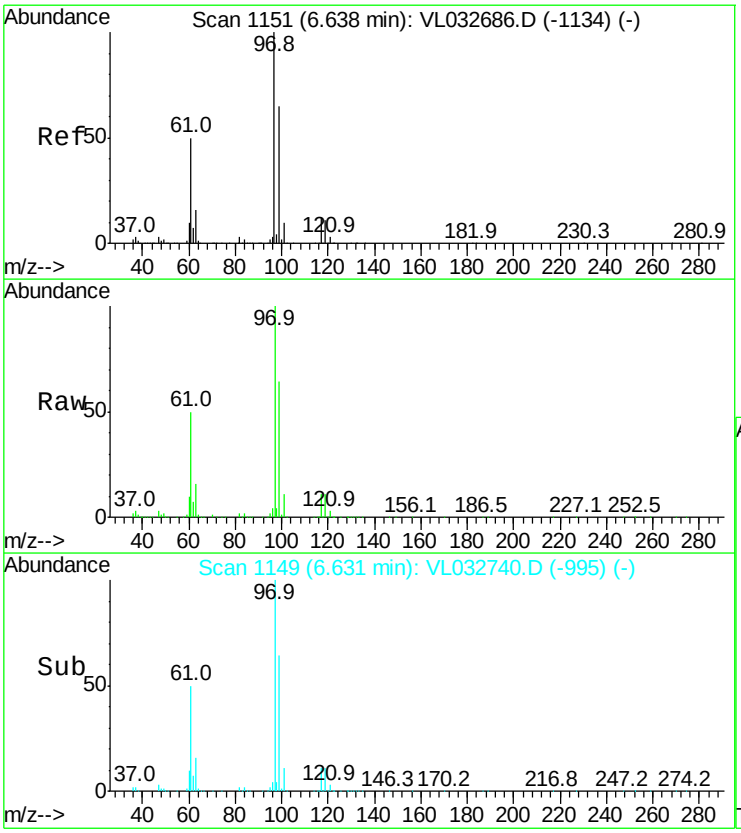
#31
cis-1,2-Dichloroethene
Concen: 10.343 ppbv
RT: 5.65 min Scan# 844
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 1313951

Ion	Ratio	Lower	Upper
61	100		
96	62.5	51.8	77.6
98	38.8	33.8	50.6

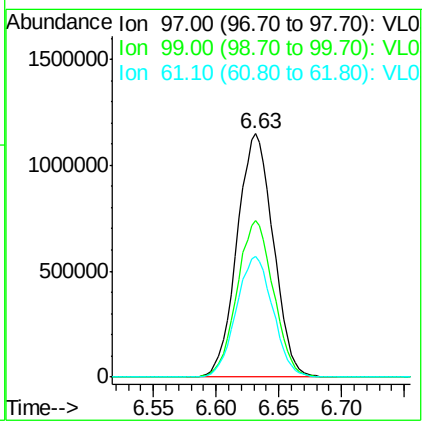


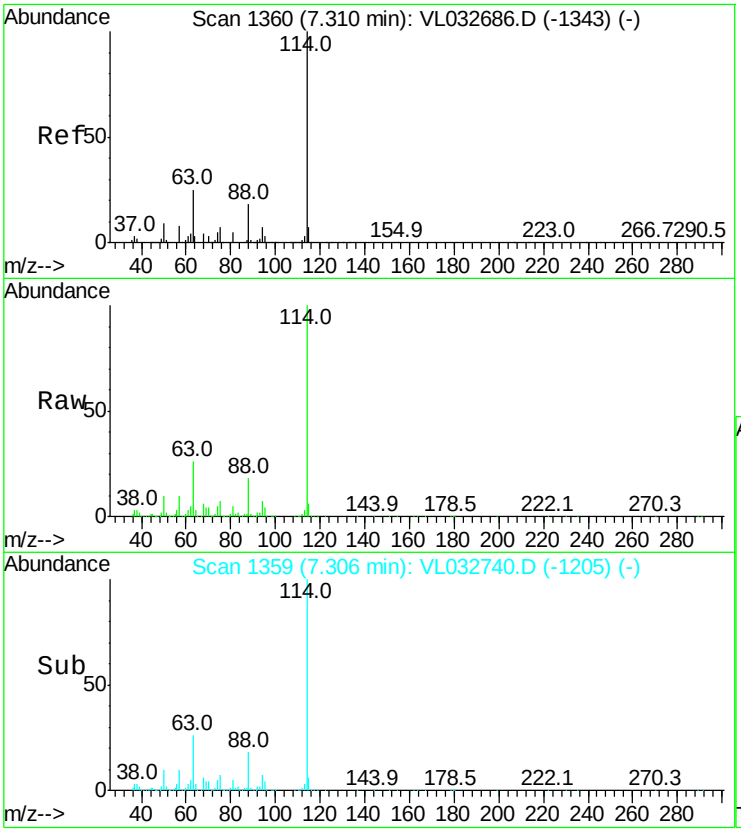


#32
1,1,1-Trichloroethane
Concen: 10.385 ppbv
RT: 6.63 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 97 Resp: 2309756

Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.0	78.0
61	50.0	40.7	61.1



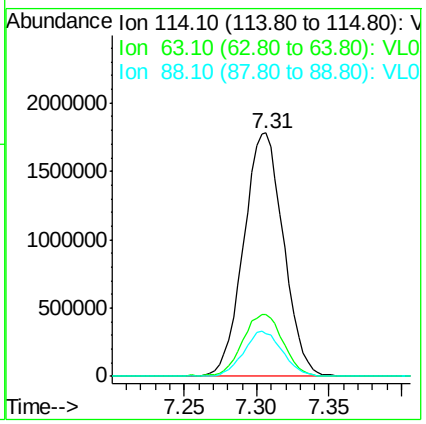


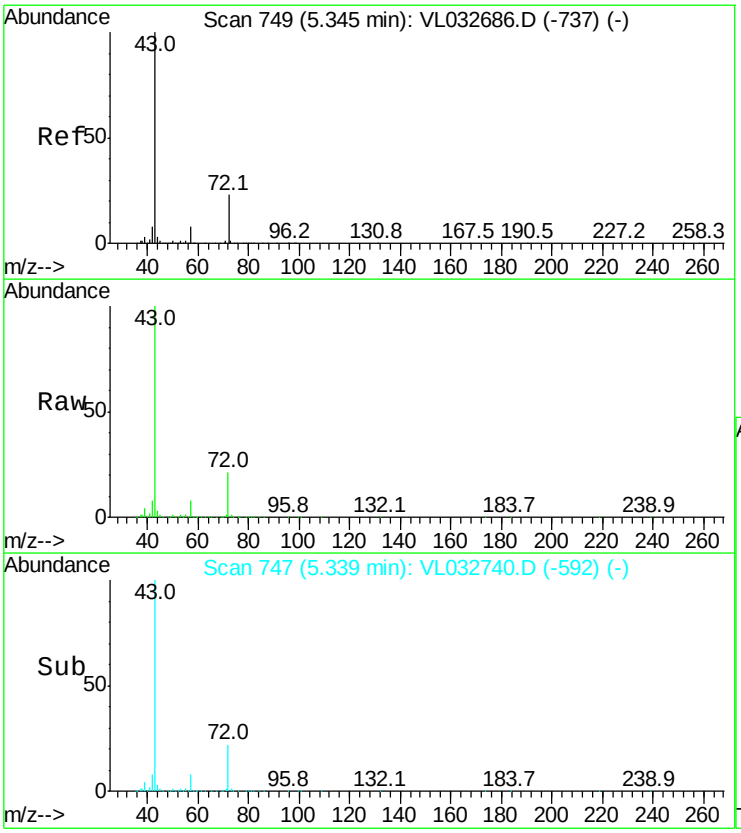
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 3400844

Ion	Ratio	Lower	Upper
114	100		
63	26.4	21.7	32.5
88	18.1	14.9	22.3

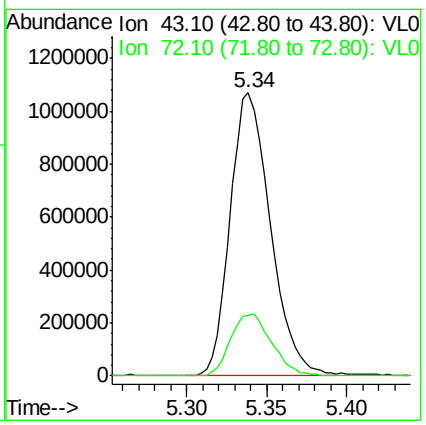


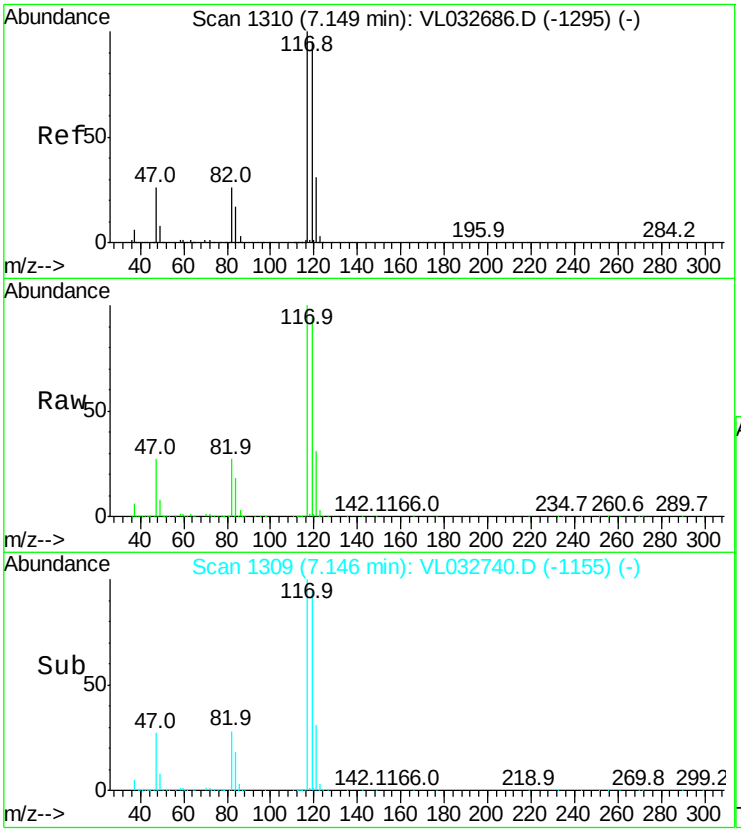


#34
2-Butanone
Concen: 10.014 ppbv
RT: 5.34 min Scan# 747
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 43 Resp: 1825699

Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	27.8



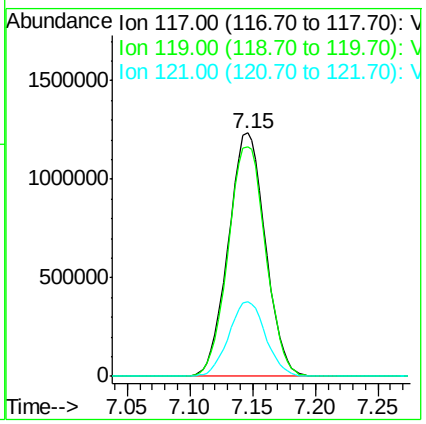


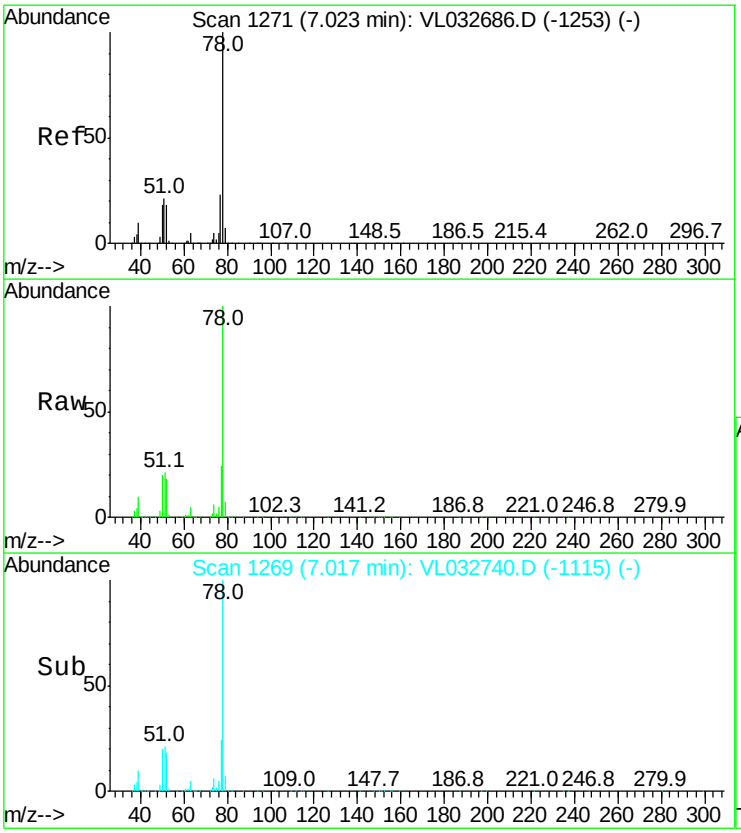
#35
Carbon Tetrachloride
Concen: 10.468 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2526718

Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.7	113.5
121	30.7	24.7	37.1

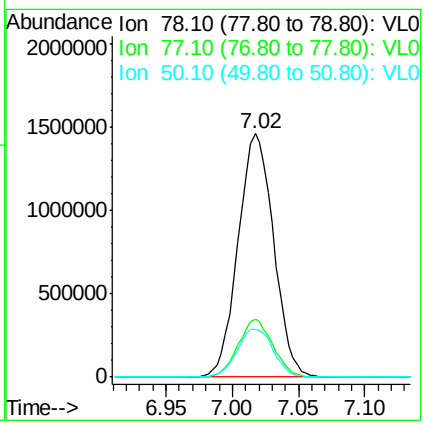


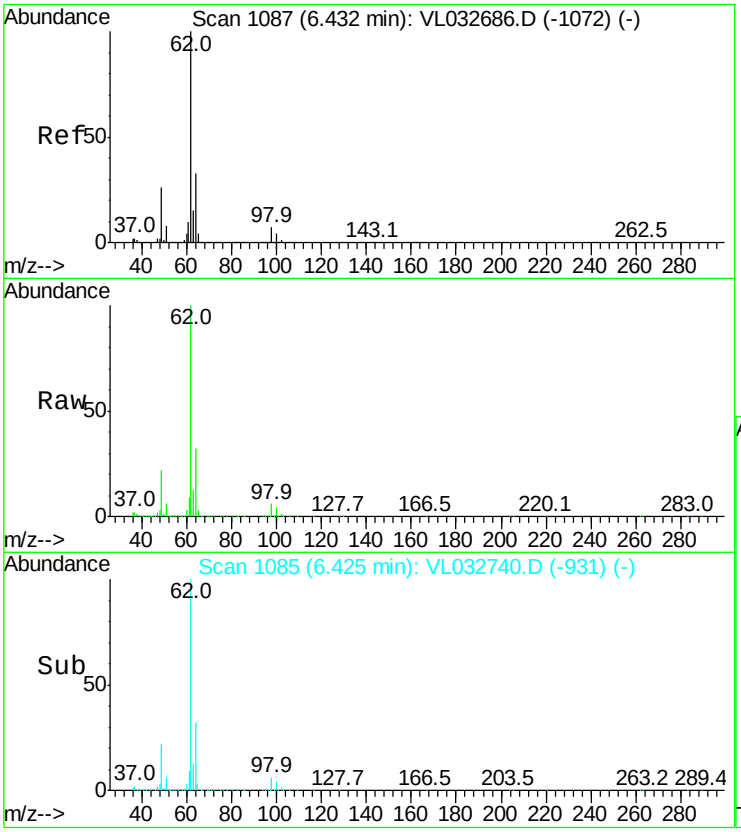


#36
Benzene
Concen: 9.870 ppbv
RT: 7.02 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 78 Resp: 2725750

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.1	27.1
50	19.5	15.1	22.7



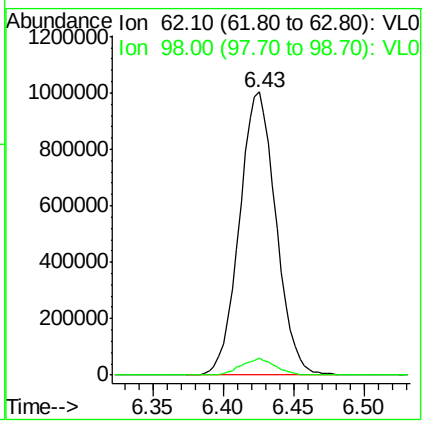


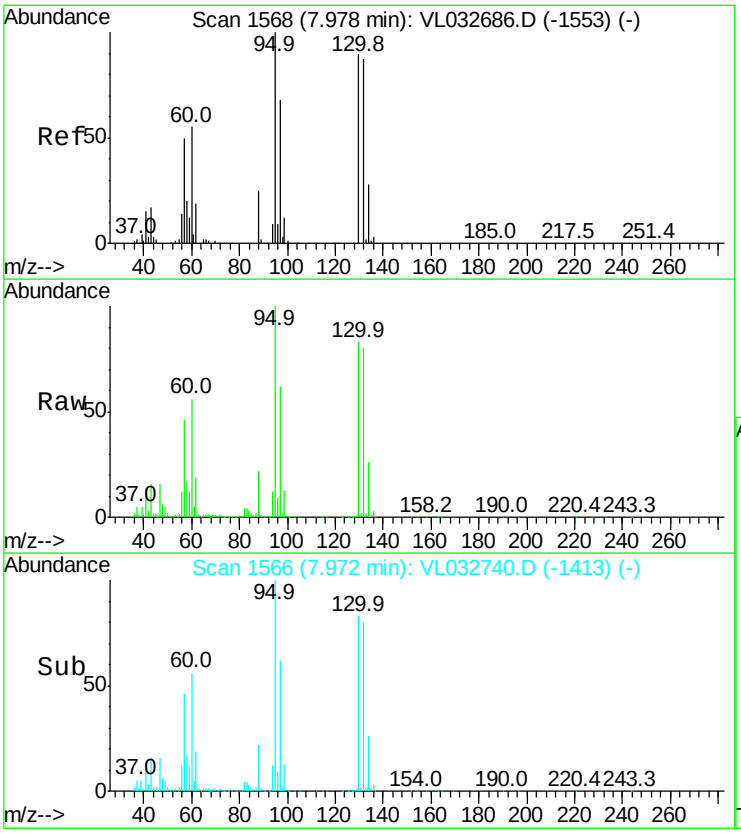
#37
1,2-Dichloroethane
Concen: 10.756 ppbv
RT: 6.43 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1821937

Ion	Ratio	Lower	Upper
62	100		
98	5.5	4.4	6.6

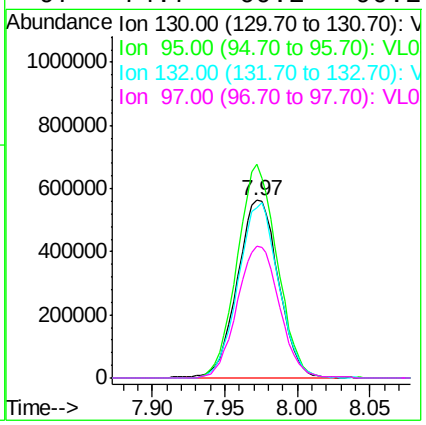


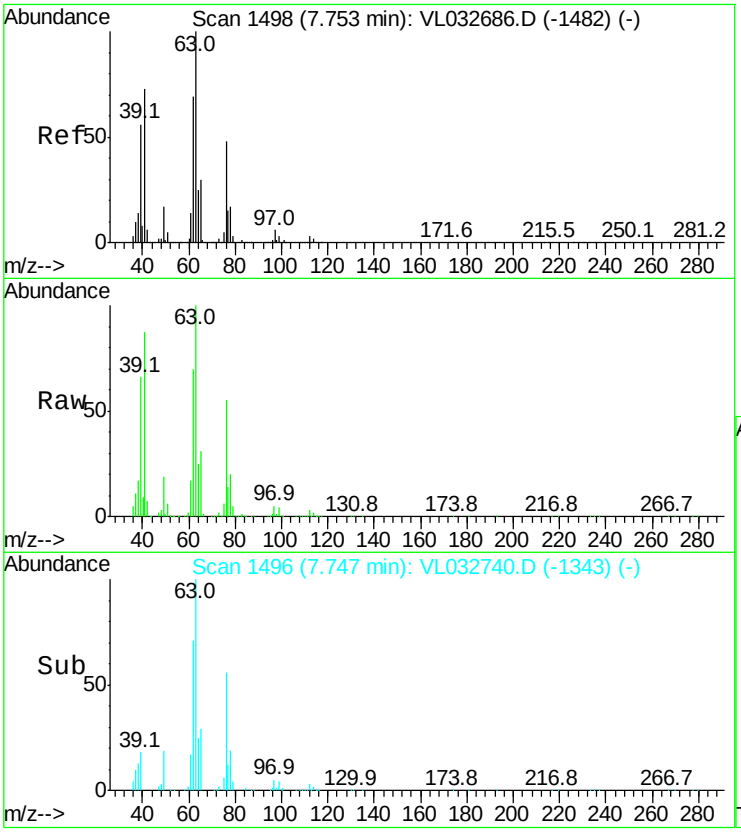


#38
Trichloroethene
Concen: 10.801 ppbv
RT: 7.97 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:130 Resp: 1104172

Ion	Ratio	Lower	Upper
130	100		
95	120.6	93.4	140.0
132	96.0	76.5	114.7
97	74.7	60.2	90.2



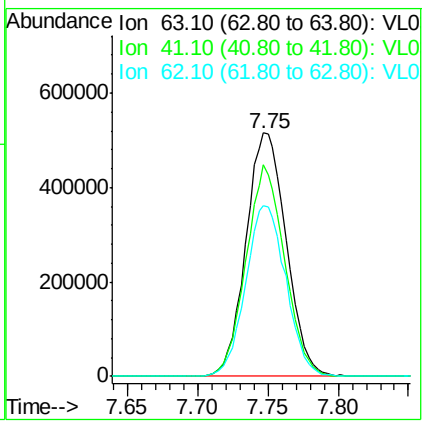


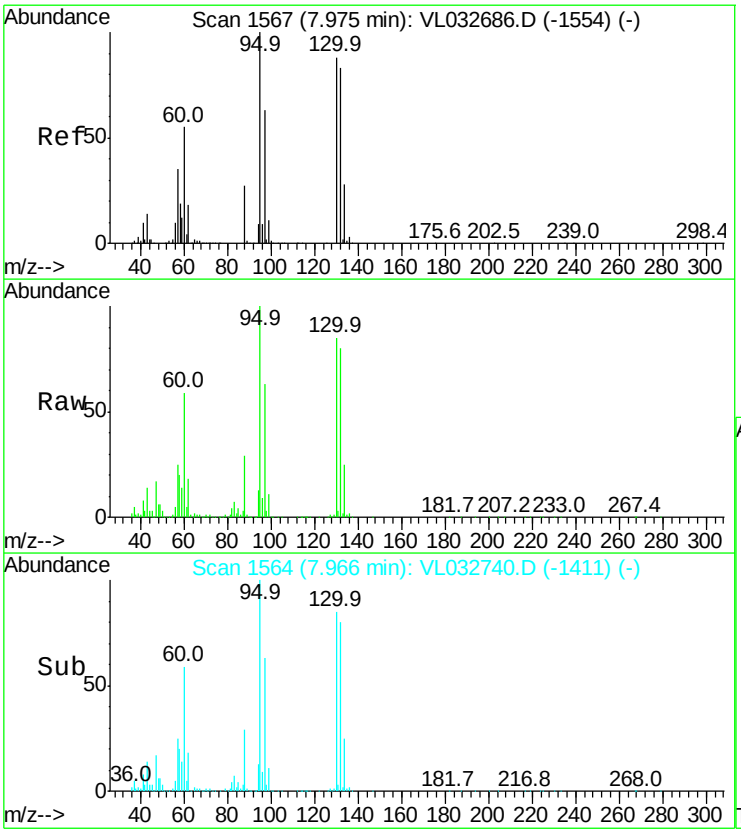
#39
1,2-Dichloropropane
Concen: 9.641 ppbv
RT: 7.75 min Scan# 1496
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 63 Resp: 1028181

Ion	Ratio	Lower	Upper
63	100		
41	87.0	56.2	84.4#
62	70.3	54.4	81.6

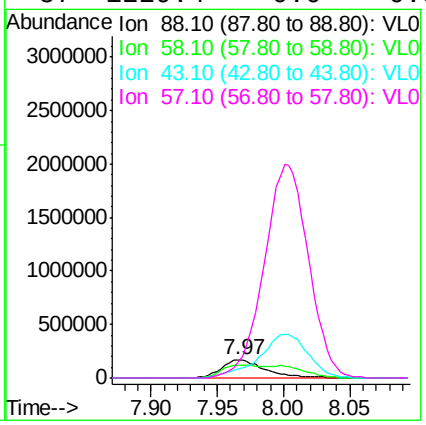


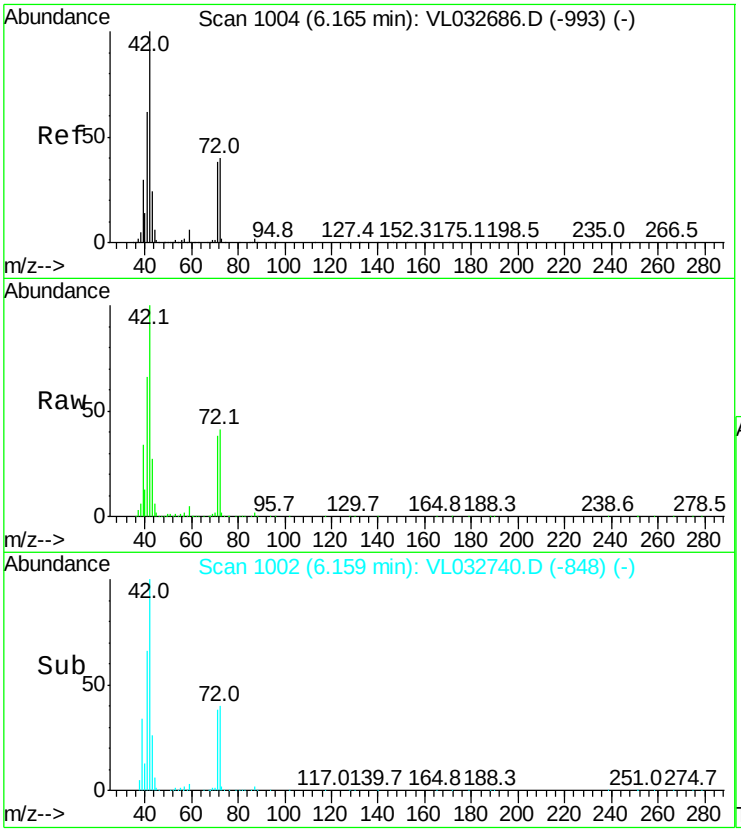


#40
1,4-Dioxane
Concen: 10.458 ppbv
RT: 7.97 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 88 Resp: 380914

Ion	Ratio	Lower	Upper
88	100		
58	128.7	104.0	156.0
43	277.1	0.0	0.0#
57	1229.4	0.0	0.0#



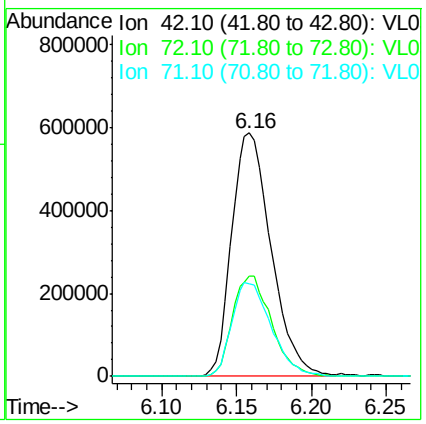


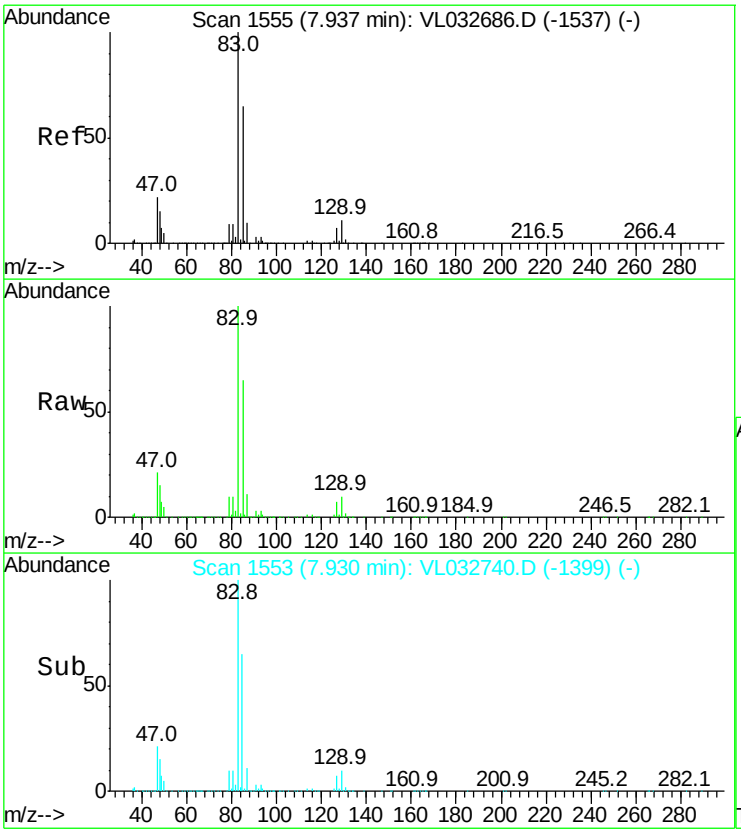
#41
Tetrahydrofuran
Concen: 10.619 ppbv
RT: 6.16 min Scan# 1002
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 1078773

Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.4	48.6
71	38.8	31.3	46.9

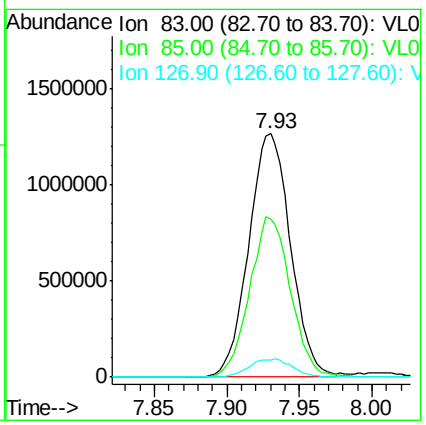


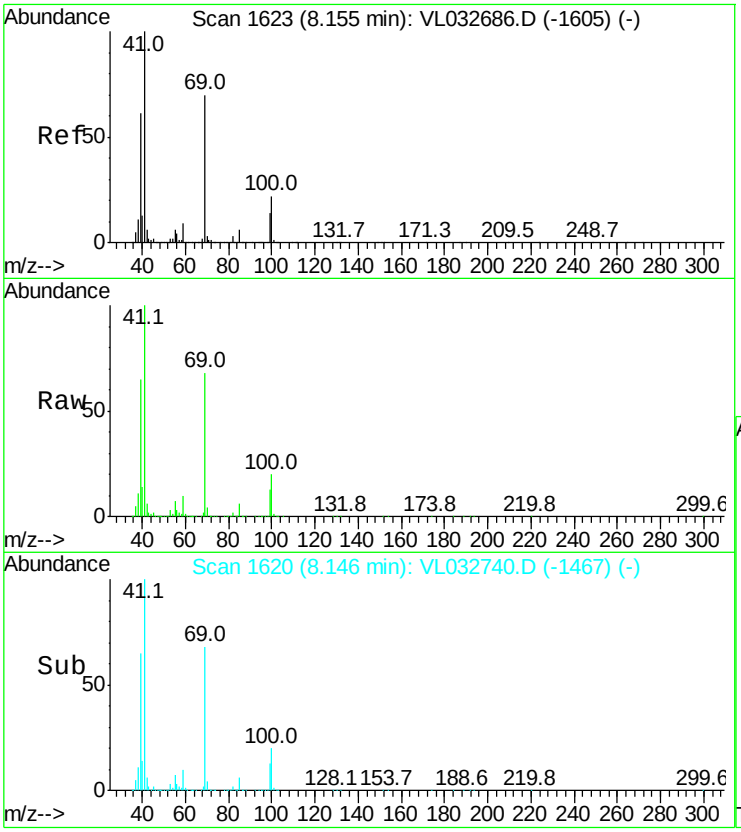


#42
Bromodichloromethane
Concen: 10.720 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 83 Resp: 2544197

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6
127	7.3	6.1	9.1



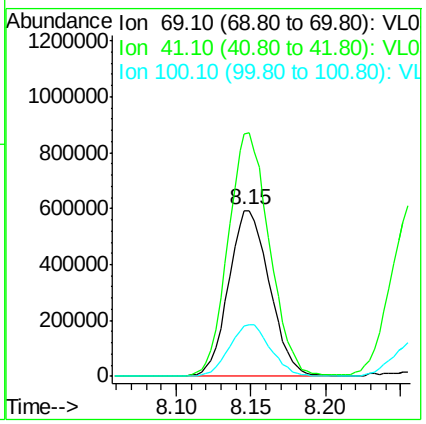


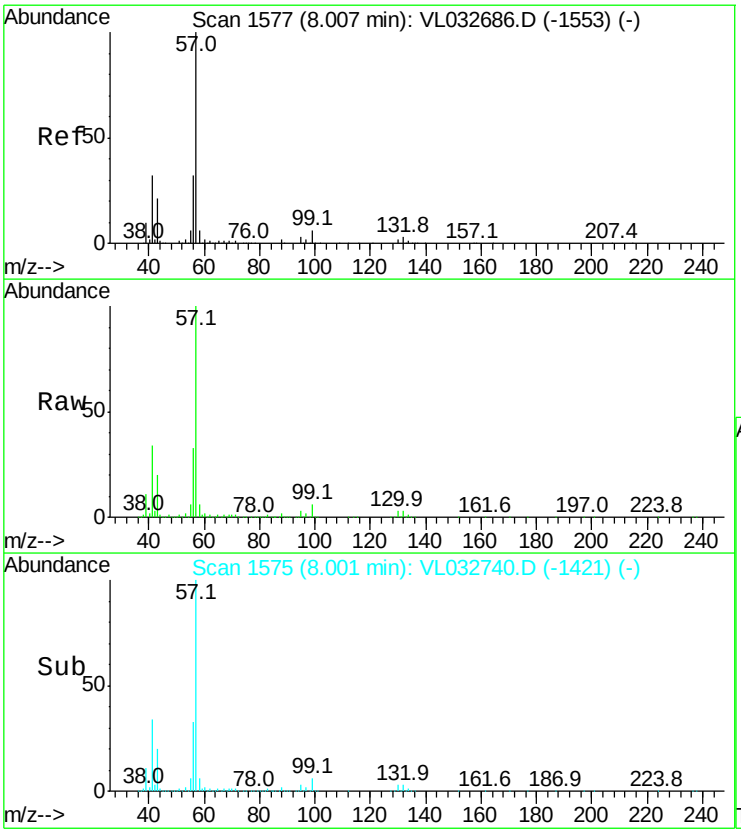
#43
Methyl Methacrylate
Concen: 11.085 ppbv
RT: 8.15 min Scan# 1620
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 69 Resp: 1121927

Ion	Ratio	Lower	Upper
69	100		
41	148.7	113.2	169.8
100	31.7	24.4	36.6

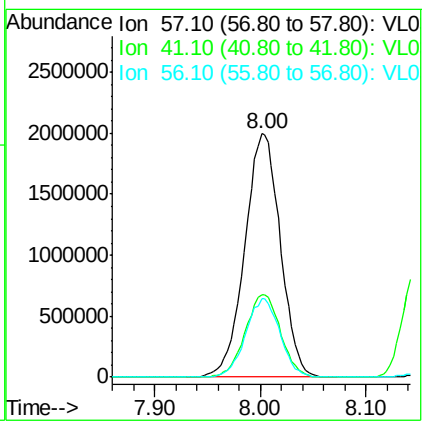


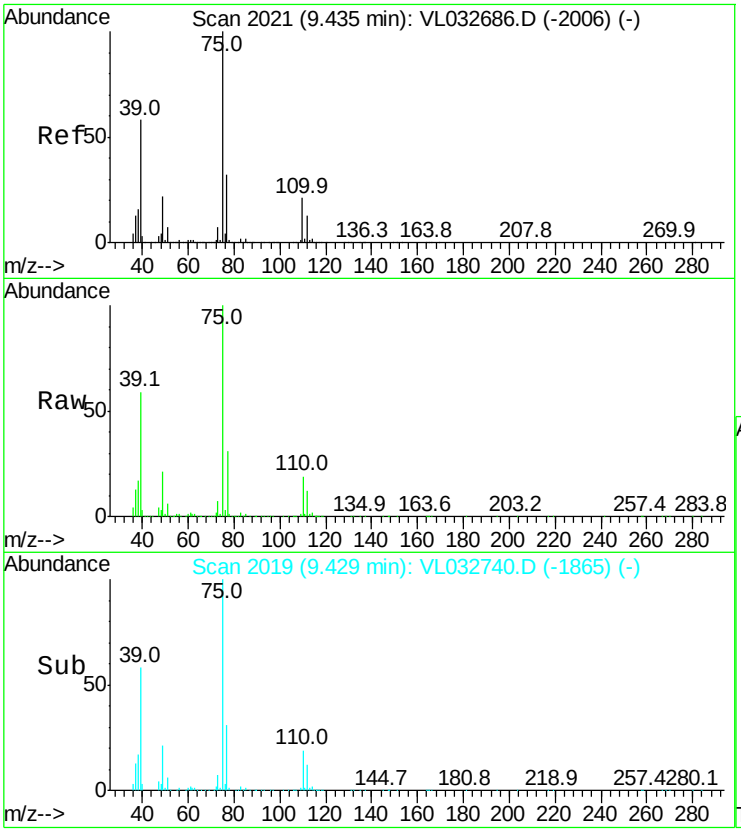


#44
2,2,4-Trimethylpentane
Concen: 9.927 ppbv
RT: 8.00 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 57 Resp: 4680229

Ion	Ratio	Lower	Upper
57	100		
41	33.6	24.7	37.1
56	31.2	25.0	37.4



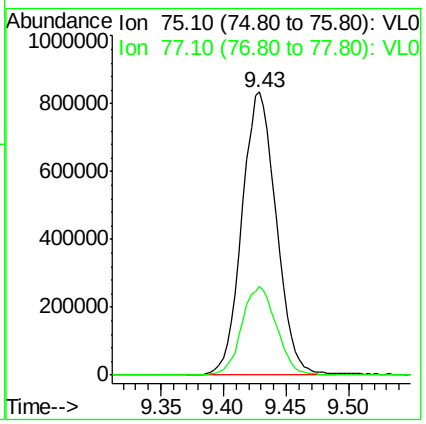


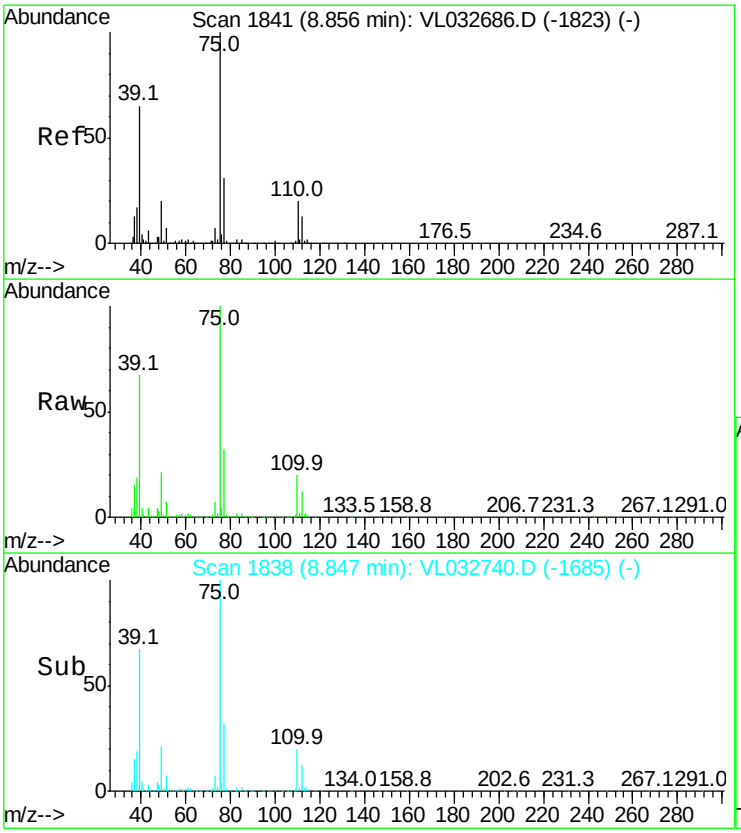
#45
t-1,3-Dichloropropene
Concen: 11.681 ppbv
RT: 9.43 min Scan# 2019
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1582576

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9

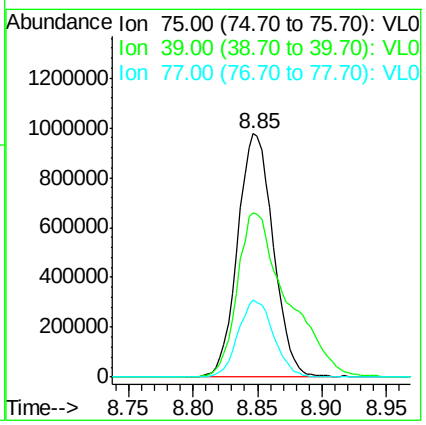


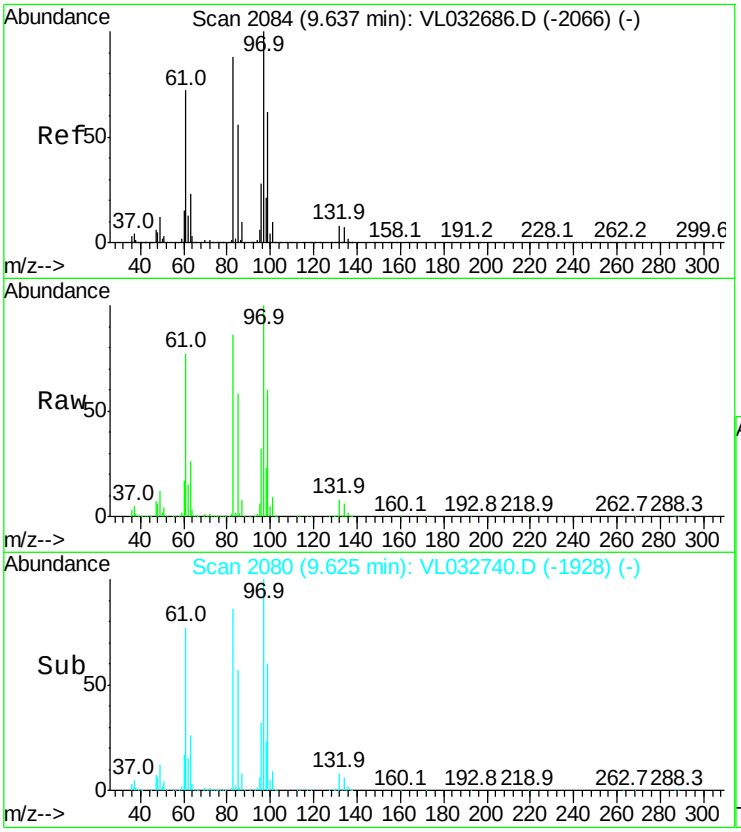


#46
cis-1,3-Dichloropropene
Concen: 12.147 ppbv
RT: 8.85 min Scan# 1838
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 75 Resp: 1880258

Ion	Ratio	Lower	Upper
75	100		
39	67.3	50.9	76.3
77	31.9	25.8	38.6



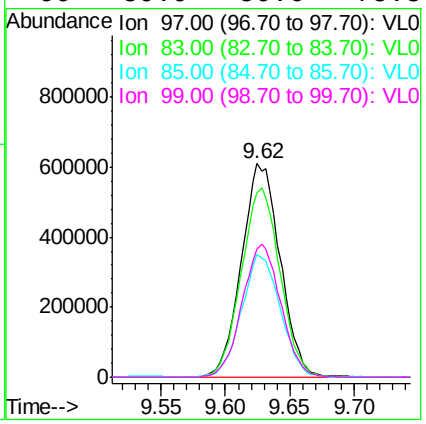


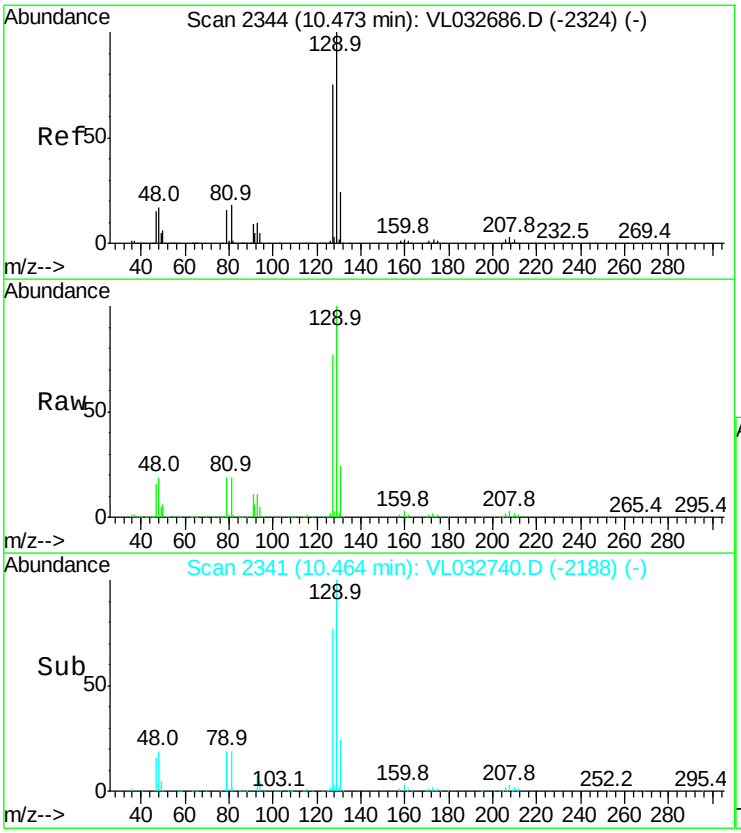
#47
1,1,2-Trichloroethane
Concen: 10.114 ppbv
RT: 9.62 min Scan# 2080
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 1274522

Ion	Ratio	Lower	Upper
97	100		
83	86.0	73.5	110.3
85	57.4	45.8	68.6
99	59.9	50.6	75.8

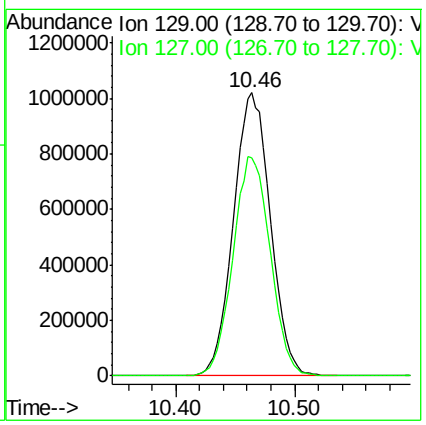


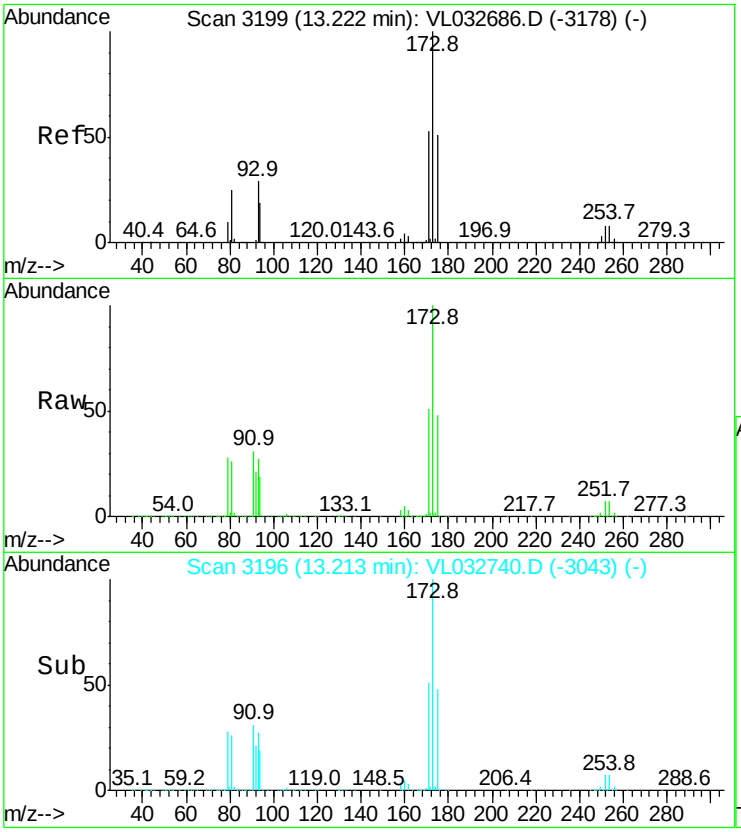


#48
Dibromochloromethane
Concen: 10.453 ppbv
RT: 10.46 min Scan# 2341
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:129 Resp: 2195560

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.5



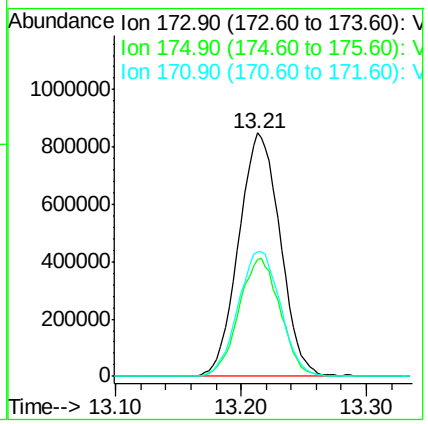


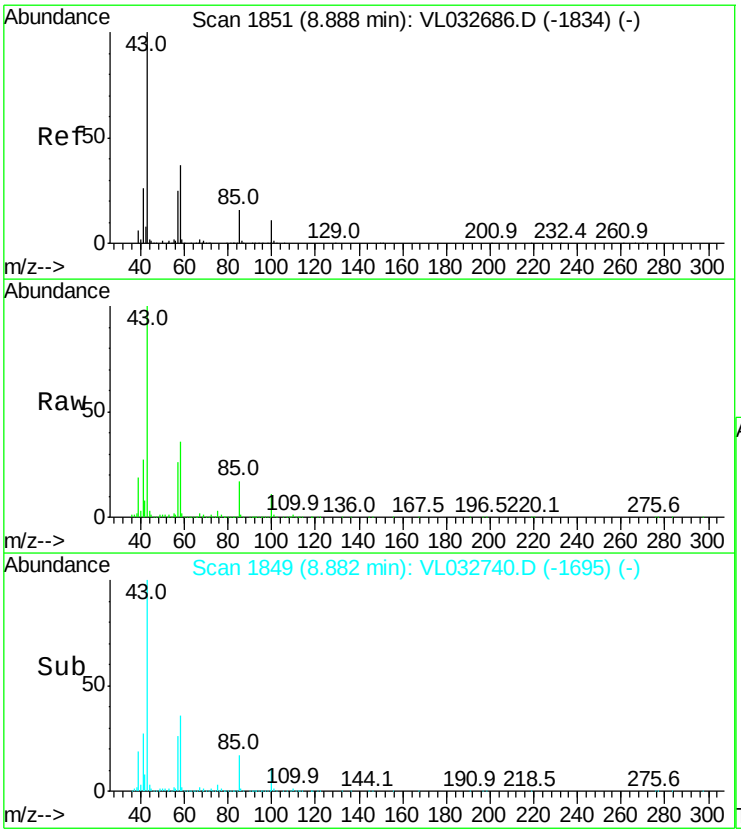
#49
Bromoform
Concen: 11.830 ppbv
RT: 13.21 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 1952572

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.0	58.4
171	52.5	42.2	63.2

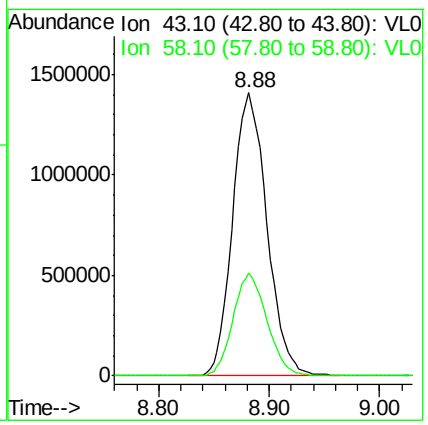


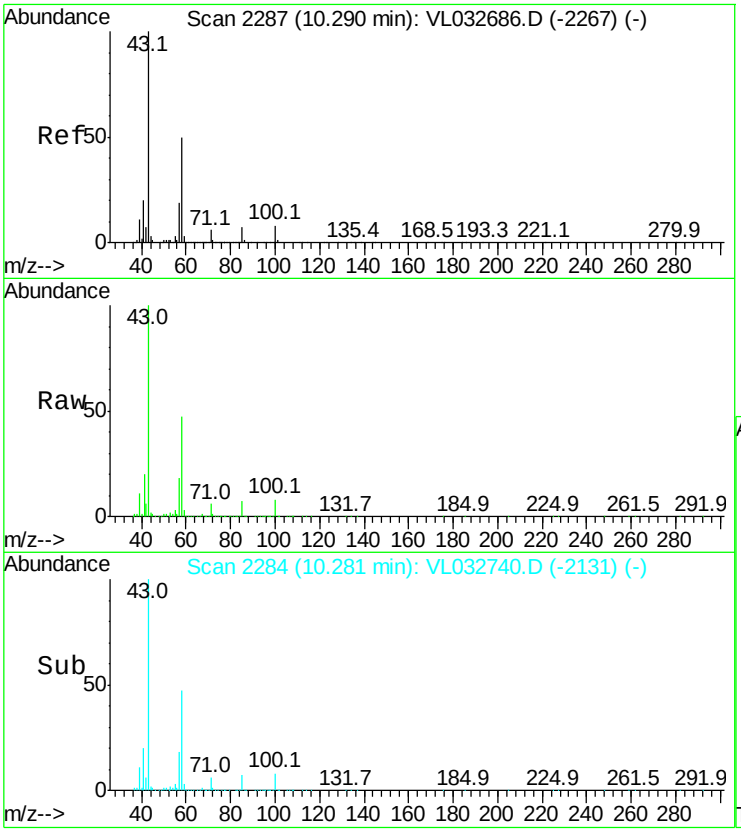


#50
4-Methyl-2-Pentanone
Concen: 11.297 ppbv
RT: 8.88 min Scan# 1849
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 43 Resp: 3051245

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.7	44.5



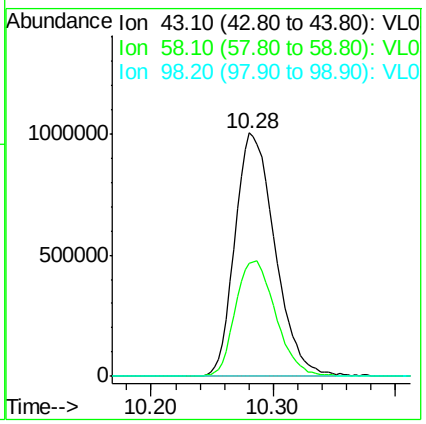


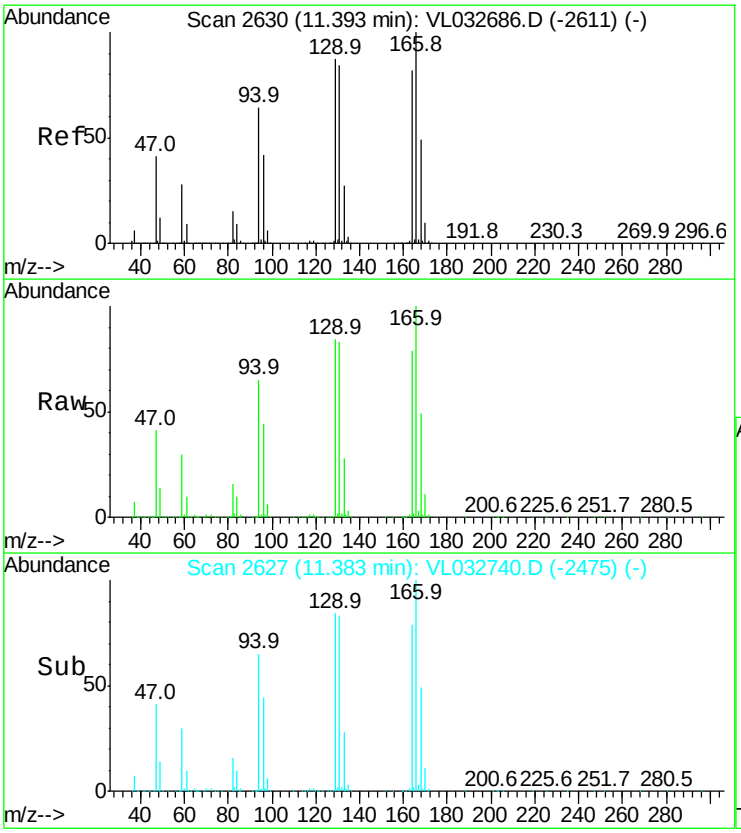
#51
2-Hexanone
Concen: 11.333 ppbv
RT: 10.28 min Scan# 2284
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 2275342

Ion	Ratio	Lower	Upper
43	100		
58	48.2	40.4	60.6
98	0.5	0.4	0.6

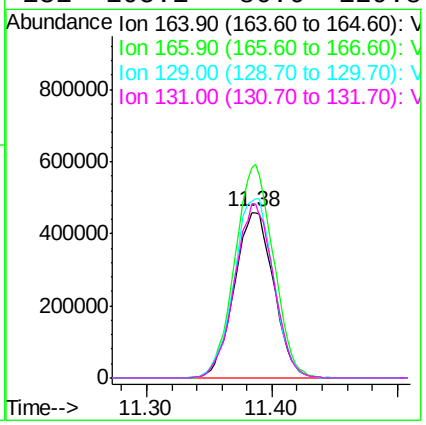


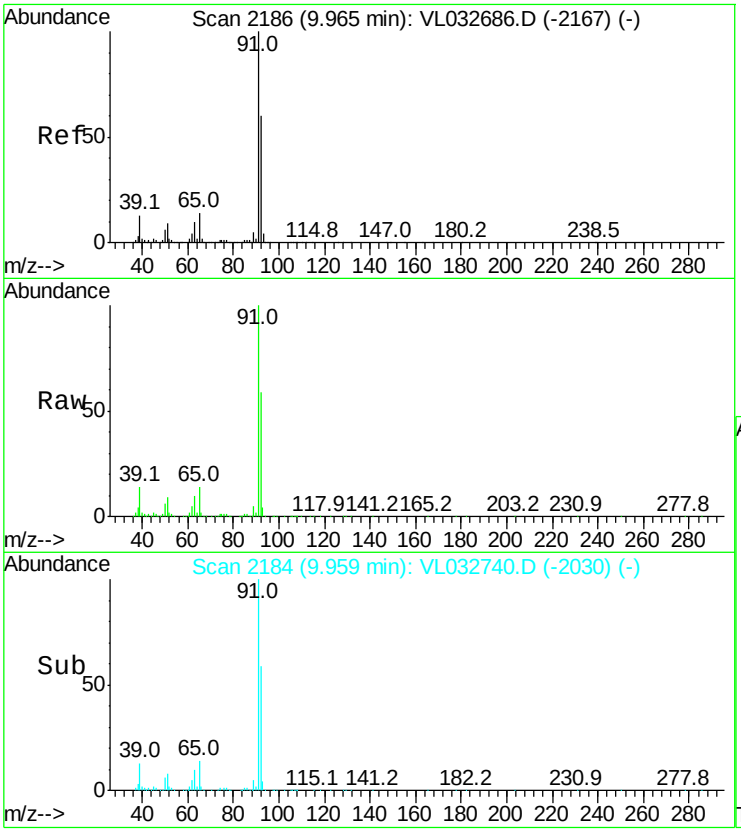


#52
Tetrachloroethene
Concen: 10.355 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:164 Resp: 997058

Ion	Ratio	Lower	Upper
164	100		
166	126.8	100.5	150.7
129	106.3	90.0	135.0
131	105.1	86.6	129.8



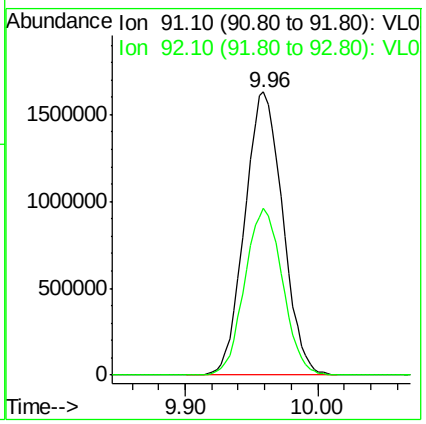


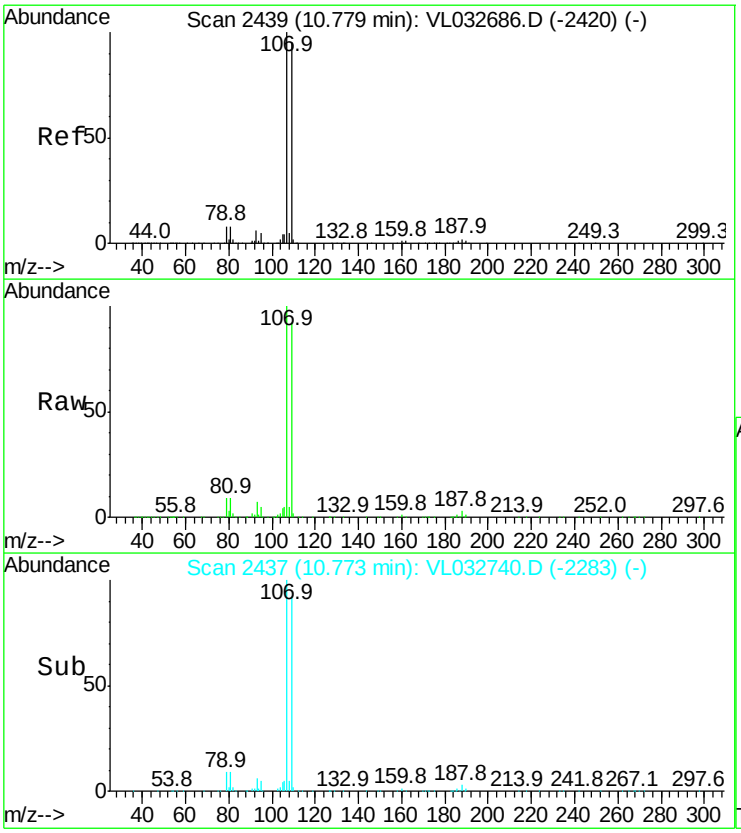
#53
Toluene
Concen: 10.279 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 3254150

Ion	Ratio	Lower	Upper
91	100		
92	58.8	48.4	72.6

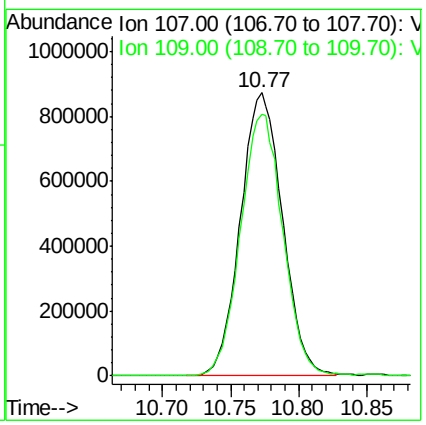


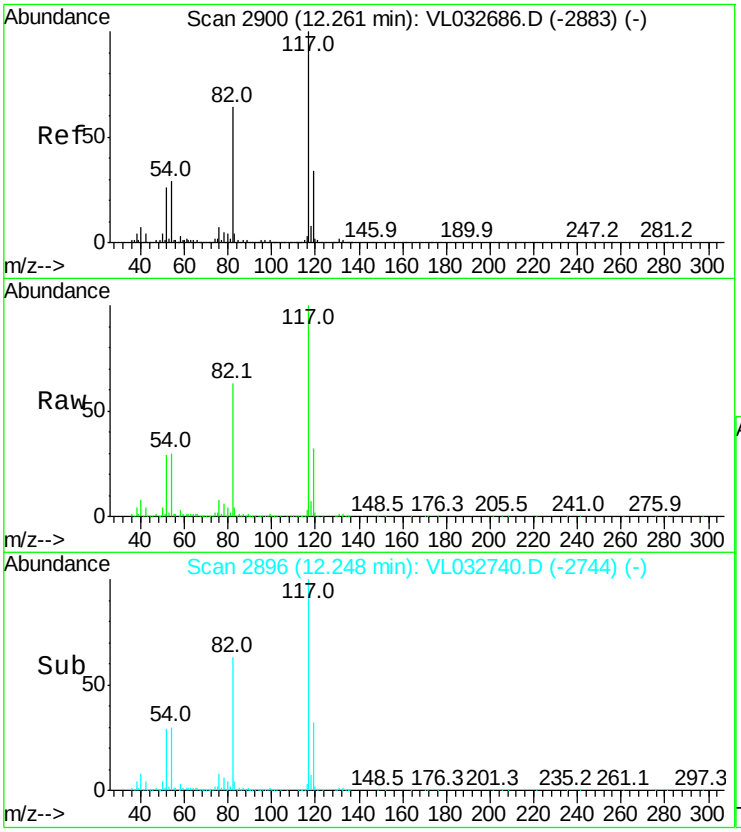


#54
1,2-Dibromoethane
Concen: 10.881 ppbv
RT: 10.77 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:107 Resp: 1863650

Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.3	112.9



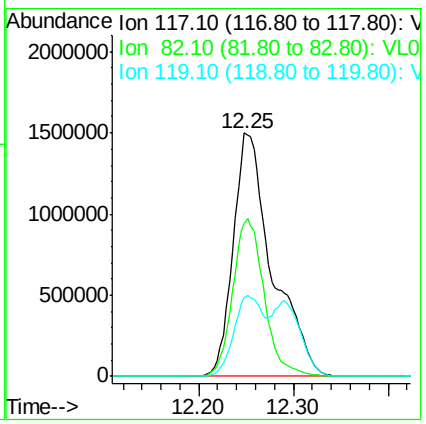


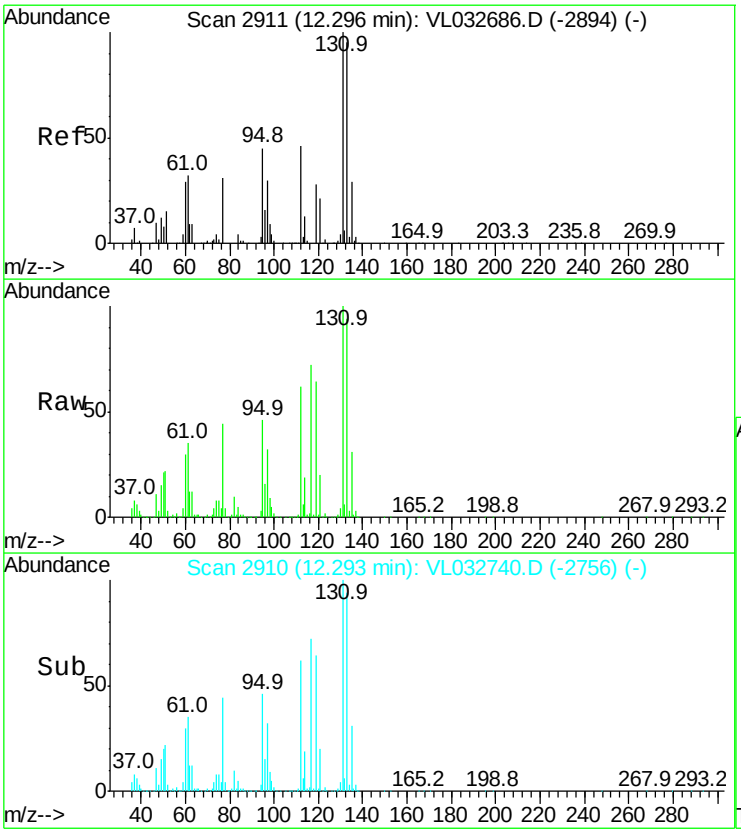
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 4290564

Ion	Ratio	Lower	Upper
117	100		
82	52.3	52.7	79.1#
119	26.1	26.7	40.1#

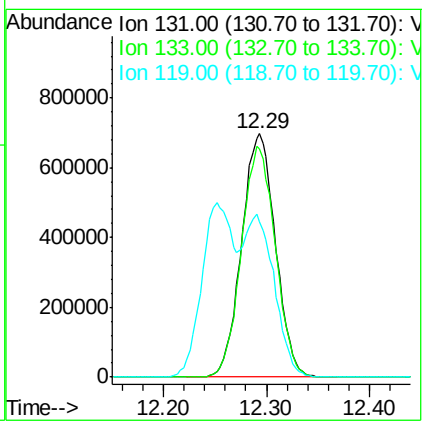


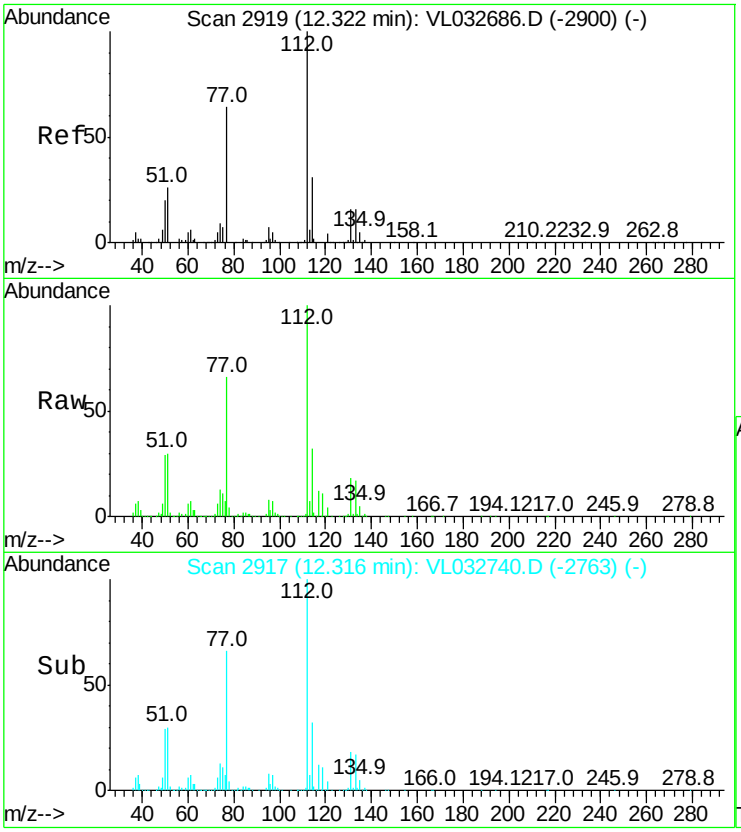


#56
1,1,1,2-Tetrachloroethane
Concen: 8.449 ppbv
RT: 12.29 min Scan# 2910
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:131 Resp: 1585096

Ion	Ratio	Lower	Upper
131	100		
133	95.5	75.4	113.2
119	63.3	49.1	73.7



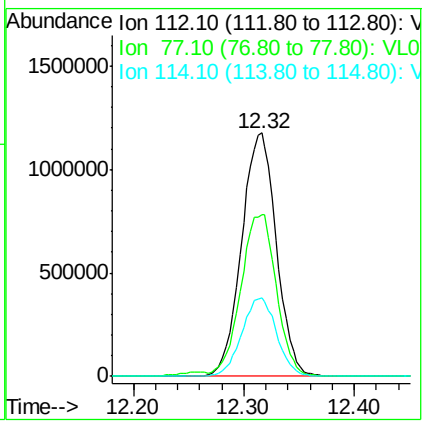


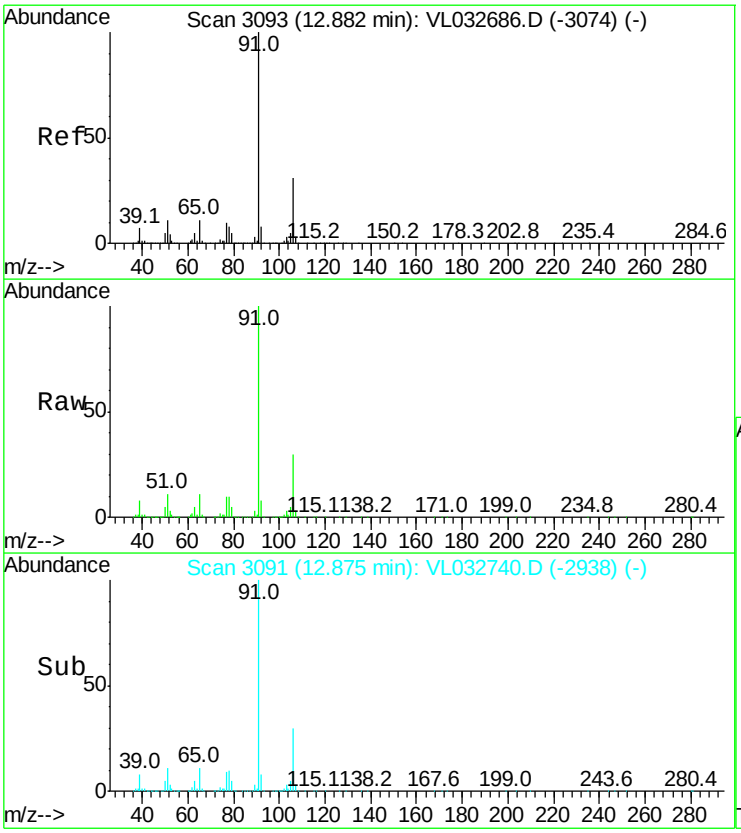
#57
Chlorobenzene
Concen: 8.114 ppbv
RT: 12.32 min Scan# 2917
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 2560307

Ion	Ratio	Lower	Upper
112	100		
77	66.2	56.8	85.2
114	32.1	30.3	37.1

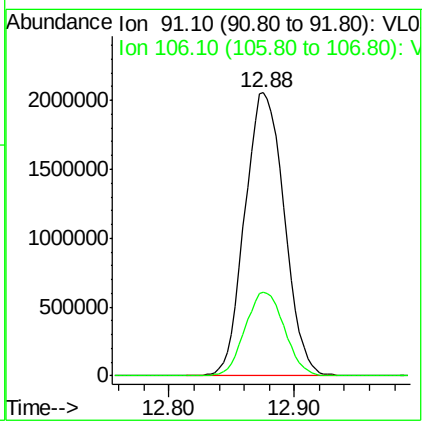


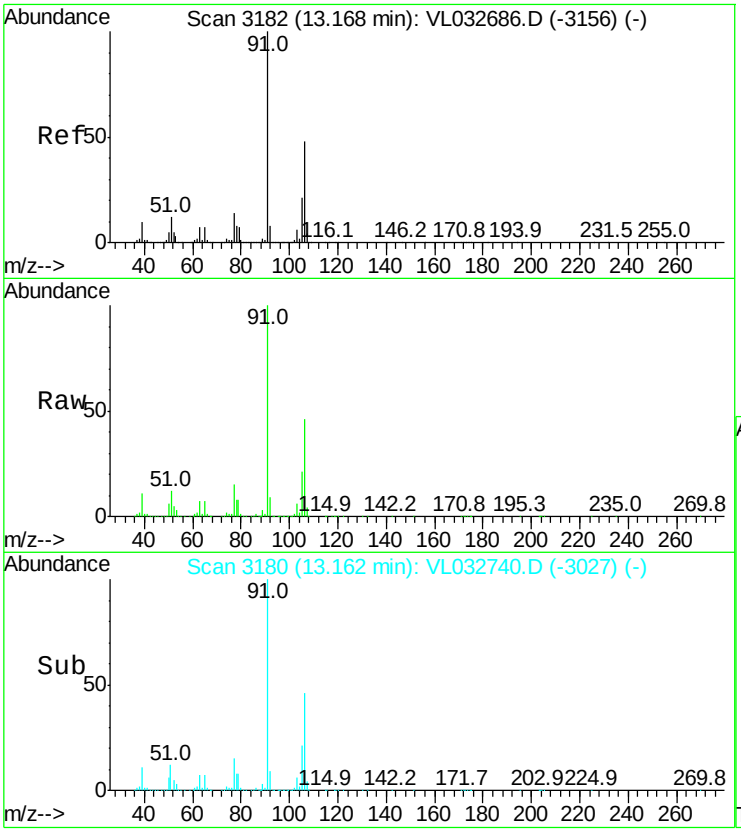


#58
Ethyl Benzene
Concen: 9.033 ppbv
RT: 12.88 min Scan# 3091
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 91 Resp: 4502631

Ion	Ratio	Lower	Upper
91	100		
106	29.8	24.2	36.2



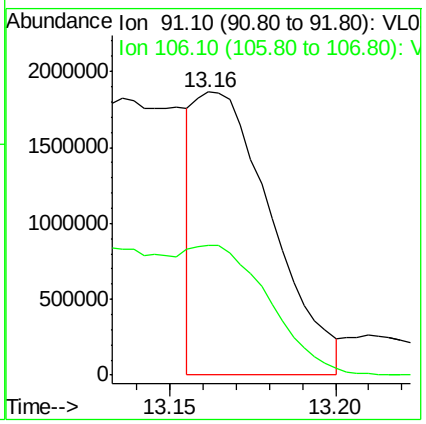


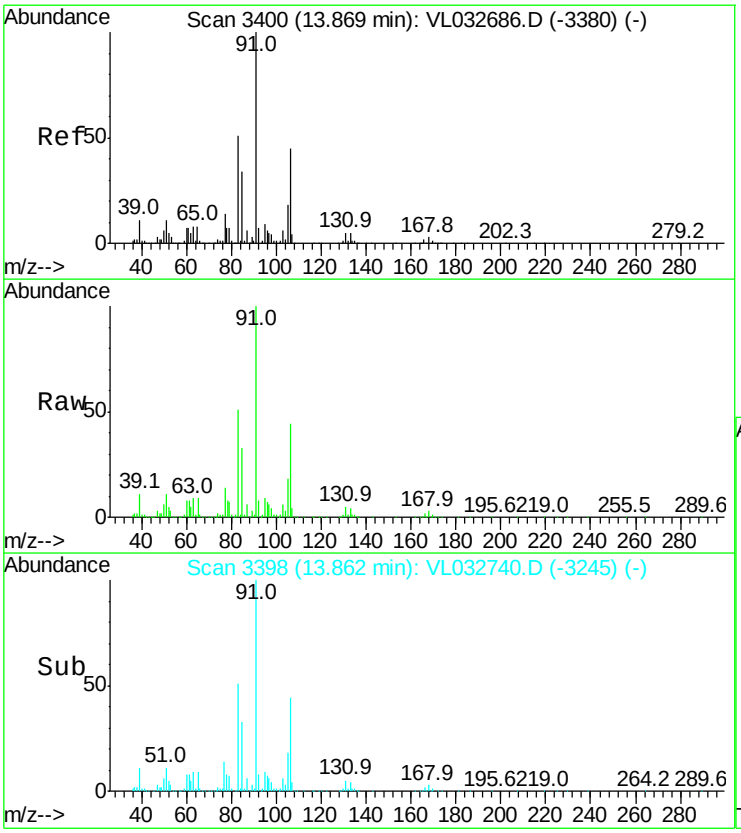
#59
m/p-Xylene
Concen: 6.733 ppbv
RT: 13.16 min Scan# 3180
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2988417

Ion	Ratio	Lower	Upper
91	100		
106	111.5	35.9	53.9#

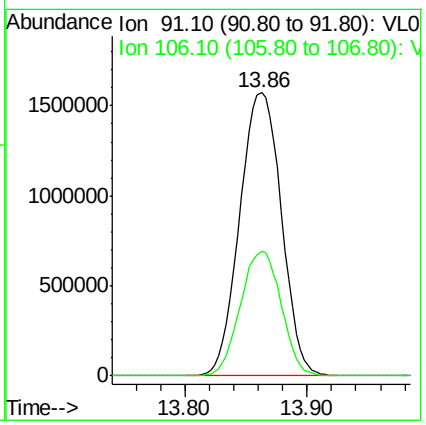


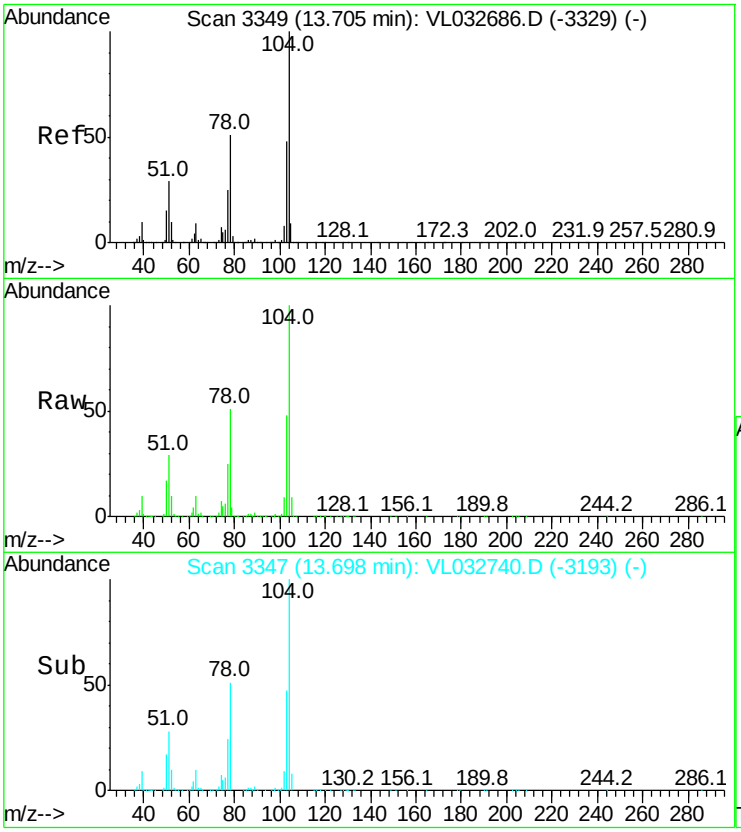


#60
o-Xylene
Concen: 8.678 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 91 Resp: 3715777

Ion	Ratio	Lower	Upper
91	100		
106	43.1	22.1	66.1



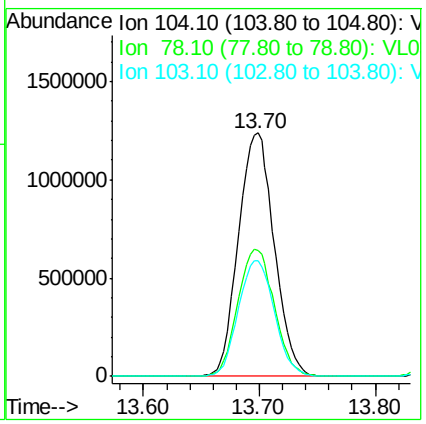


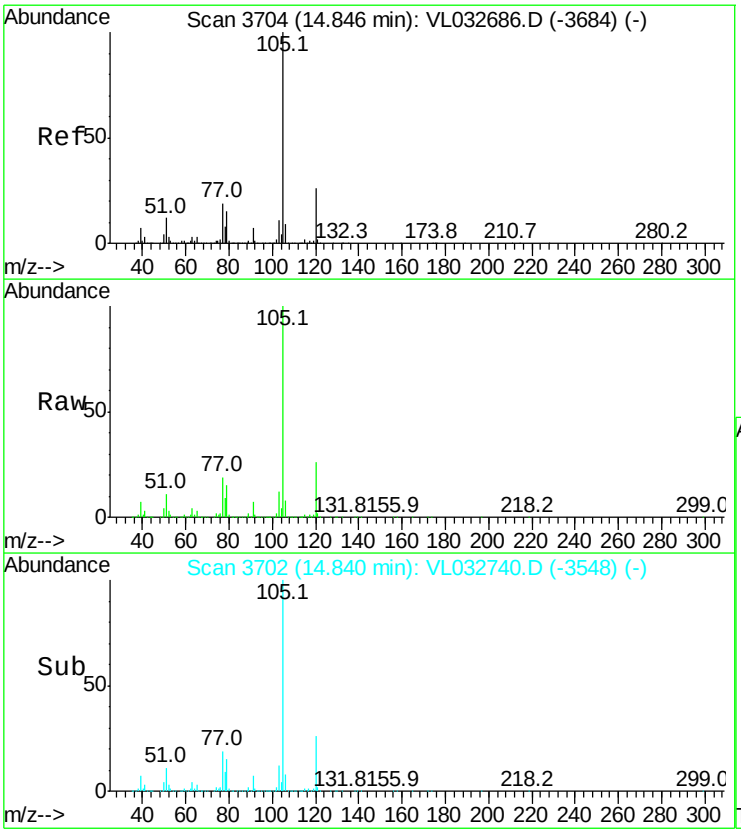
#61
Styrene
Concen: 9.258 ppbv
RT: 13.70 min Scan# 3347
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 2657884

Ion	Ratio	Lower	Upper
104	100		
78	53.3	42.8	64.2
103	48.0	37.4	56.0

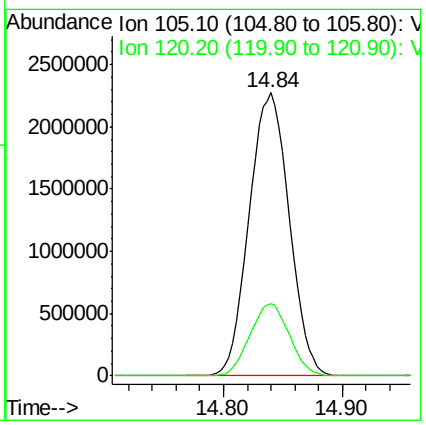


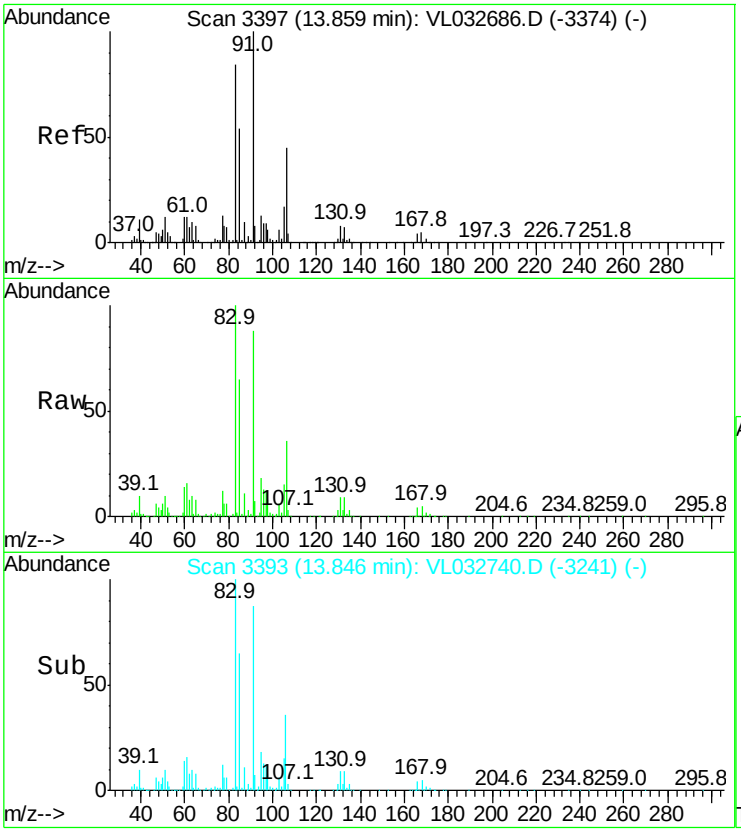


#62
Isopropylbenzene
Concen: 8.737 ppbv
RT: 14.84 min Scan# 3702
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:105 Resp: 5294337

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.5	30.7



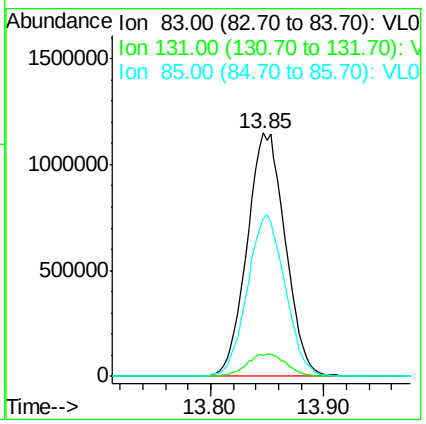


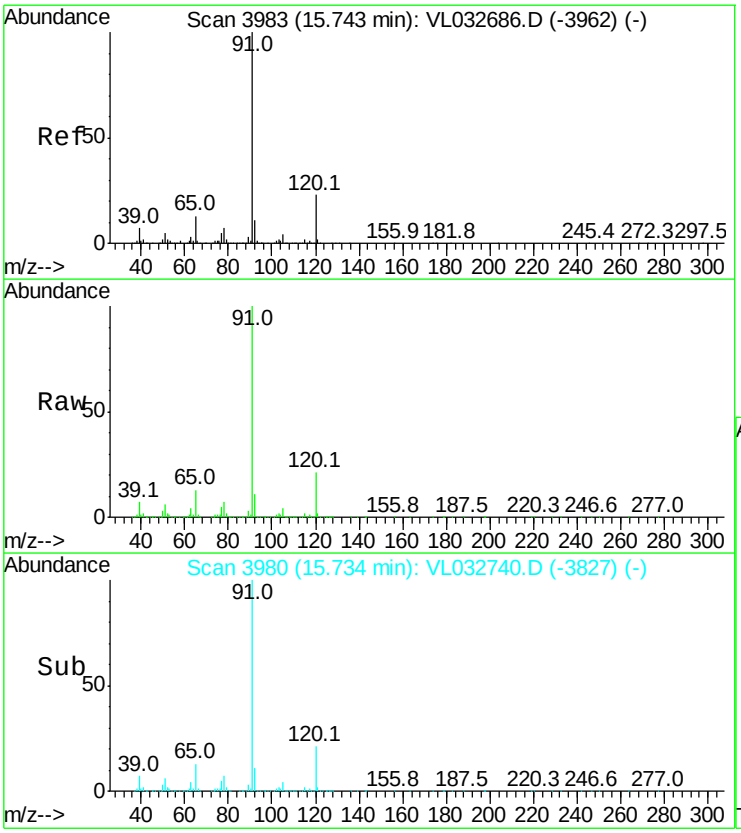
#63
1,1,2,2-Tetrachloroethane
Concen: 8.039 ppbv
RT: 13.85 min Scan# 3393
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 2696927

Ion	Ratio	Lower	Upper
83	100		
131	9.5	4.3	12.9
85	65.4	32.3	96.9

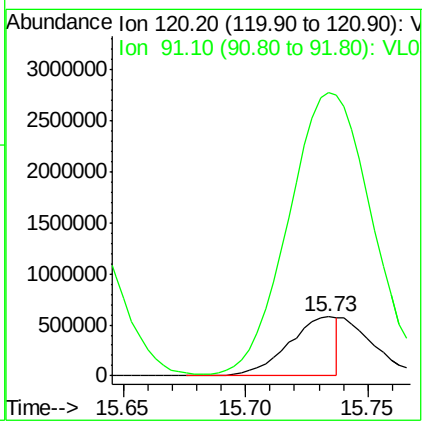


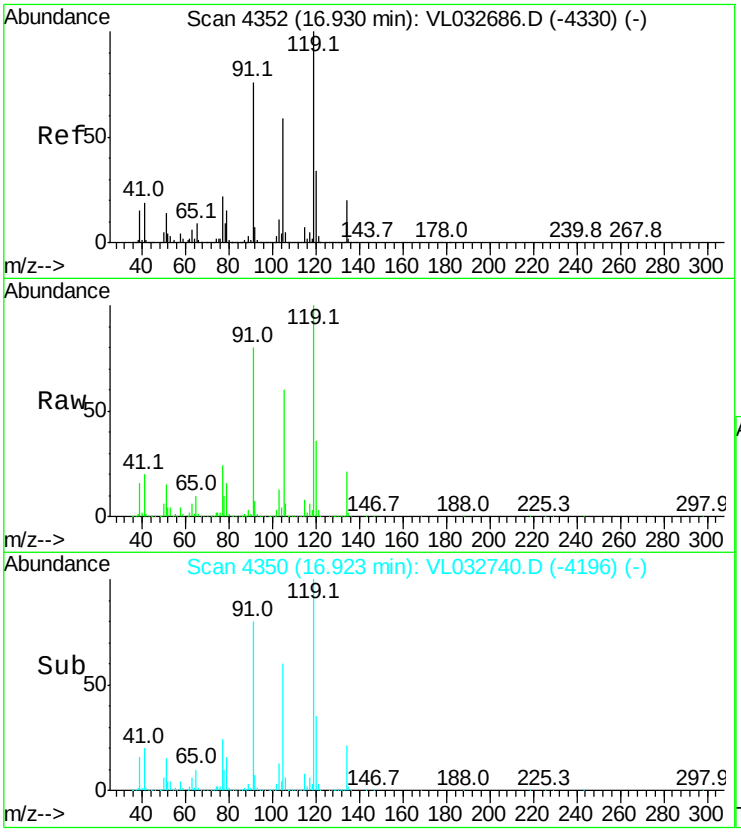


#64
n-propylbenzene
Concen: 5.333 ppbv
RT: 15.73 min Scan# 3980
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:120 Resp: 803131

Ion	Ratio	Lower	Upper
120	100		
91	818.8	390.2	585.2#



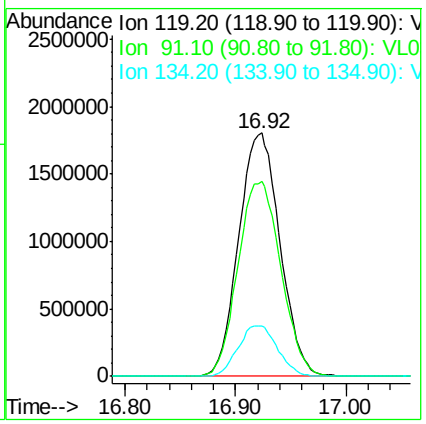


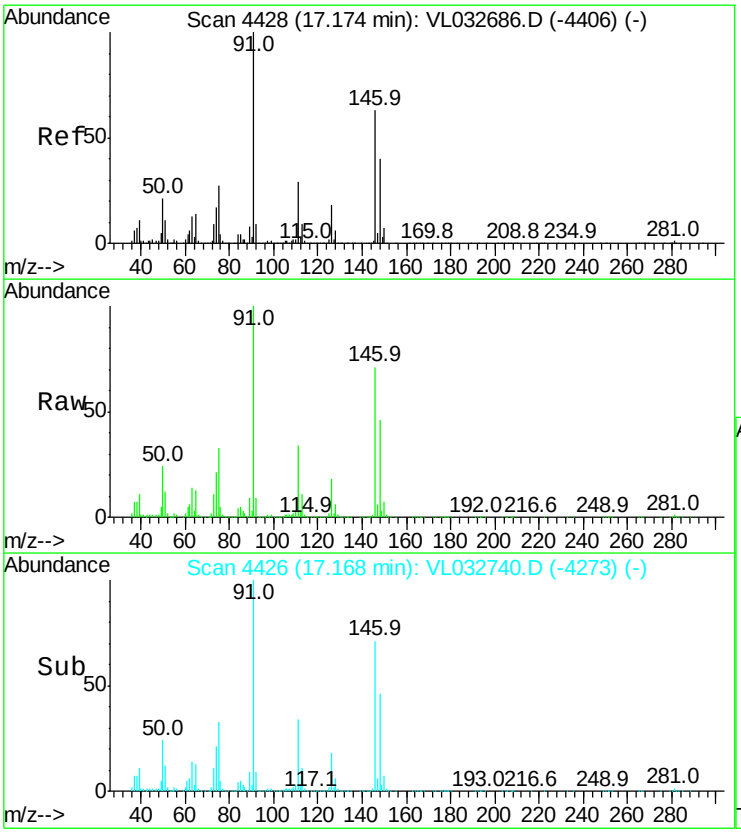
#65
tert-Butylbenzene
Concen: 9.055 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 4673038

Ion	Ratio	Lower	Upper
119	100		
91	83.5	67.8	101.8
134	19.9	15.8	23.8

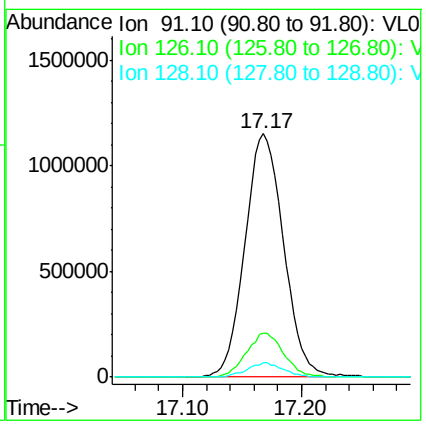


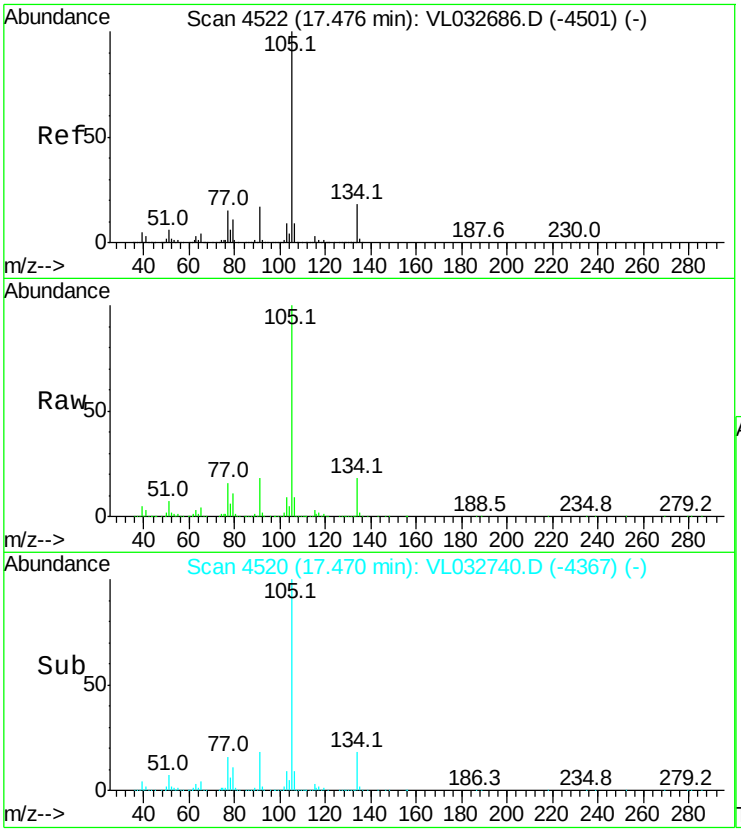


#66
Benzyl Chloride
Concen: 9.710 ppbv
RT: 17.17 min Scan# 4426
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 91 Resp: 2587315

Ion	Ratio	Lower	Upper
91	100		
126	17.7	13.9	20.9
128	5.6	4.3	6.5



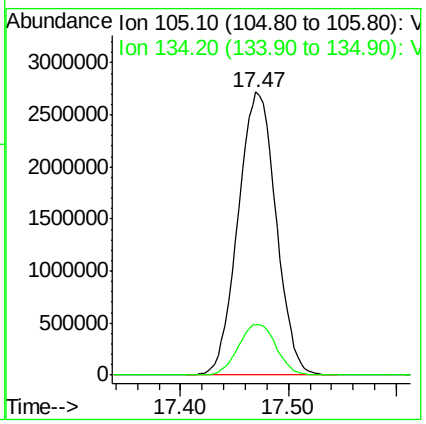


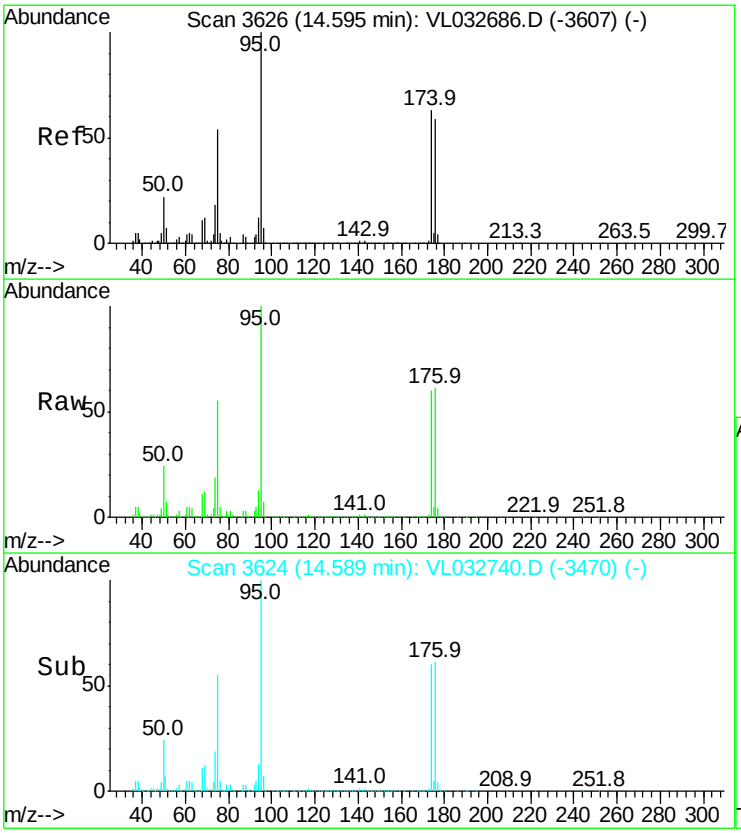
#67
sec-Butylbenzene
Concen: 9.076 ppbv
RT: 17.47 min Scan# 4520
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 6661752

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.2	21.2

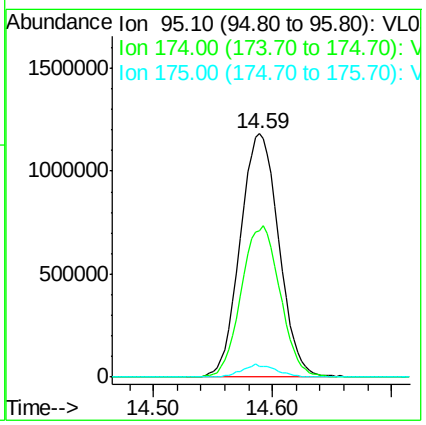


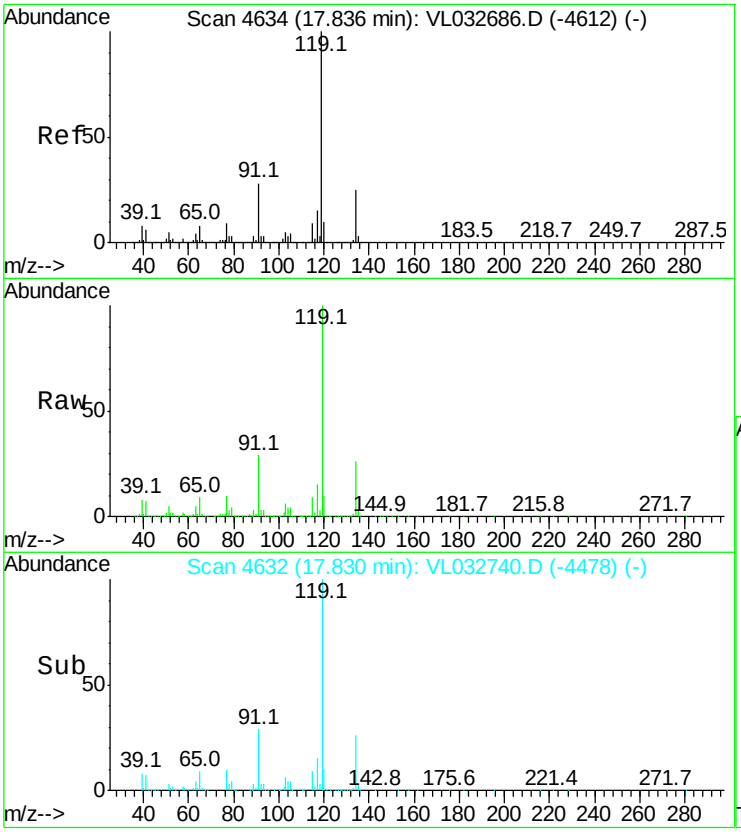


#68
1-Bromo-4-Fluorobenzene
Concen: 8.309 ppbv
RT: 14.59 min Scan# 3624
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 95 Resp: 2654405

Ion	Ratio	Lower	Upper
95	100		
174	62.9	46.0	69.0
175	4.8	3.4	5.0



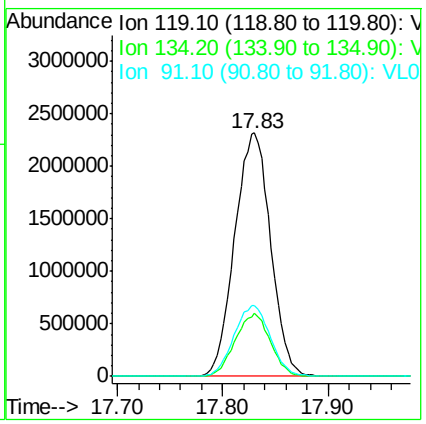


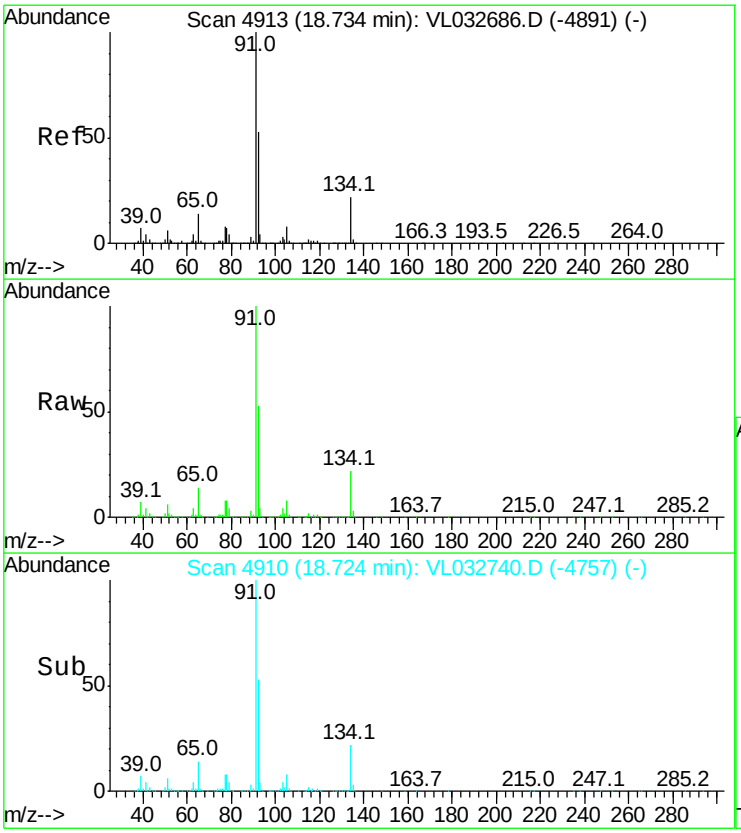
#69
p-Isopropyltoluene
Concen: 9.431 ppbv
RT: 17.83 min Scan# 4632
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 5485549

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.2	30.2
91	29.3	24.0	36.0

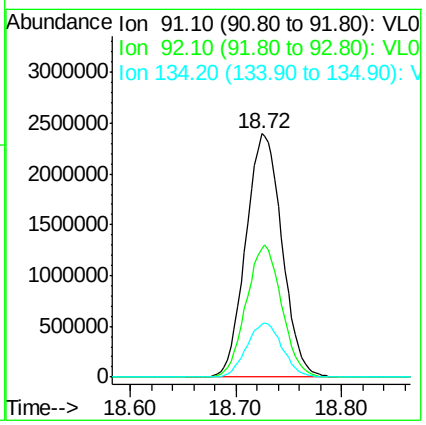


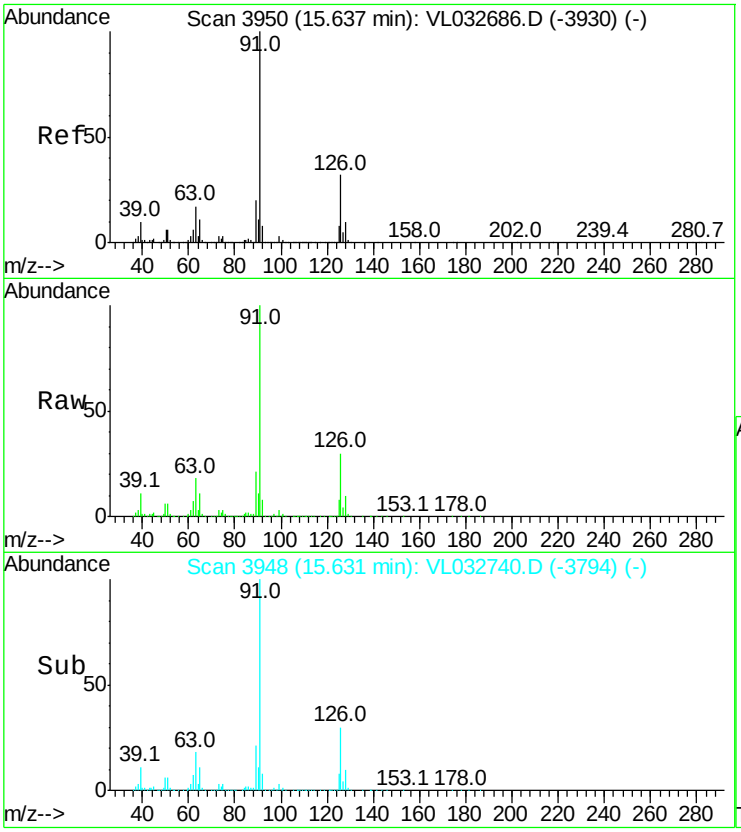


#70
n-Butylbenzene
Concen: 9.563 ppbv
RT: 18.72 min Scan# 4910
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion: 91 Resp: 5726477

Ion	Ratio	Lower	Upper
91	100		
92	53.1	43.0	64.4
134	21.9	17.0	25.6



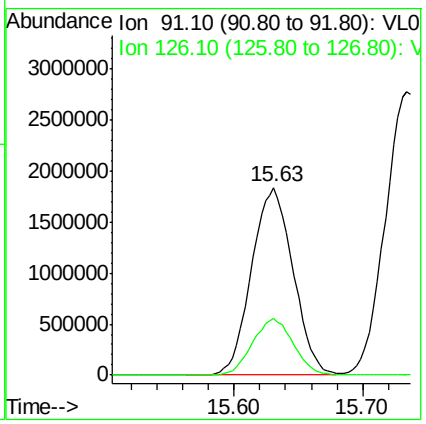


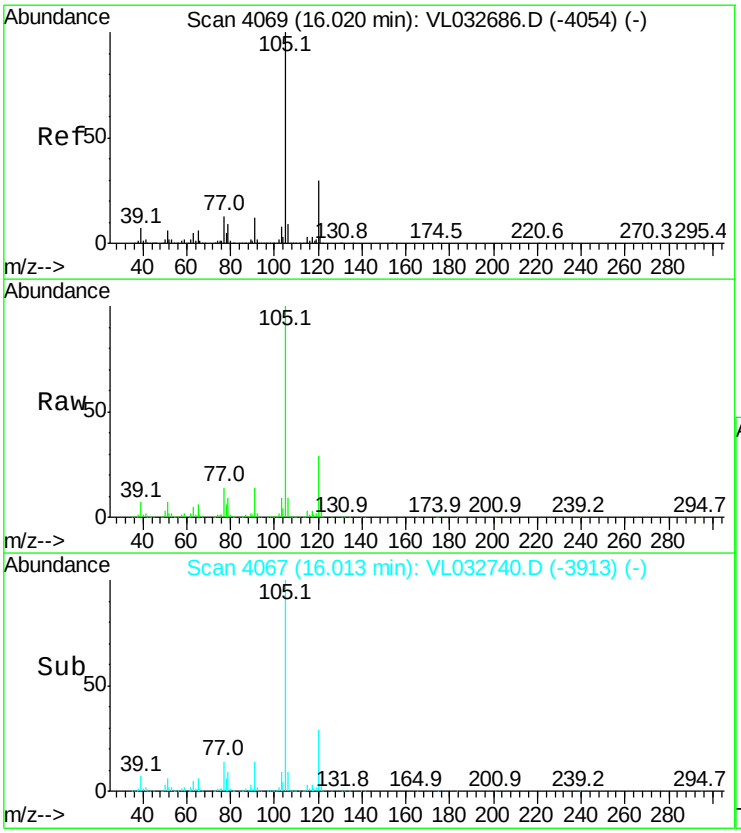
#71
2-Chlorotoluene
Concen: 9.553 ppbv
RT: 15.63 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 4113906

Ion	Ratio	Lower	Upper
91	100		
126	29.8	11.8	47.4

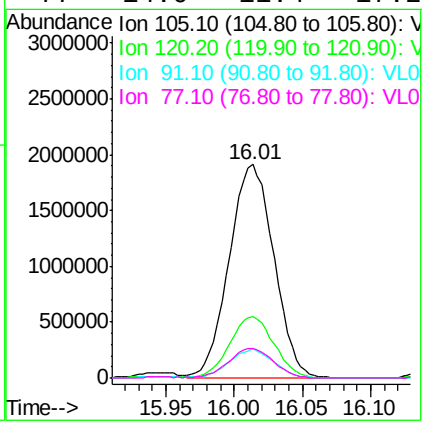


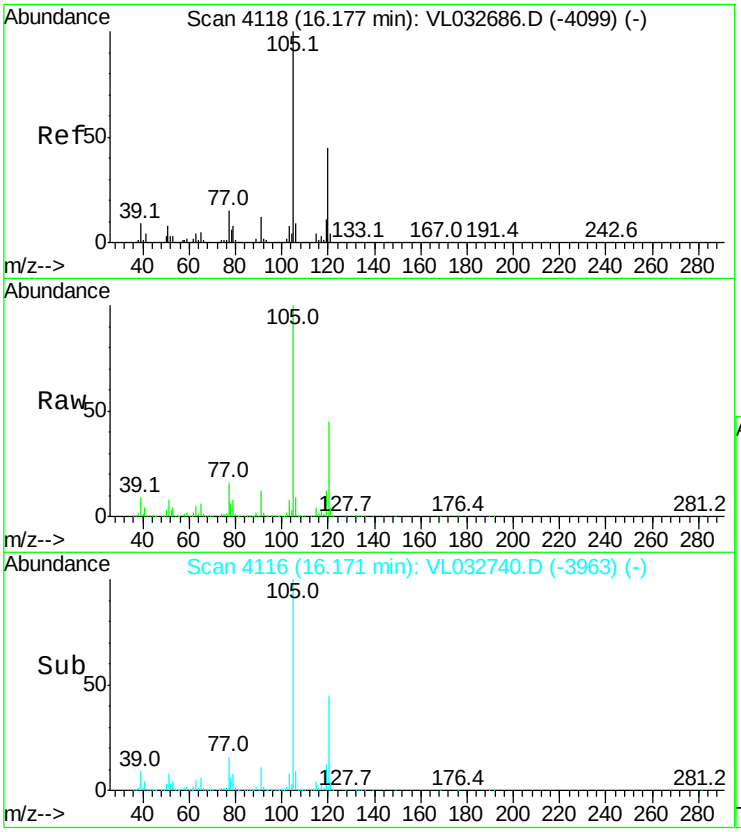


#72
4-Ethyltoluene
Concen: 9.540 ppbv
RT: 16.01 min Scan# 4067
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:105 Resp: 4350442

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.7	35.5
91	13.2	10.4	15.6
77	14.0	11.4	17.2



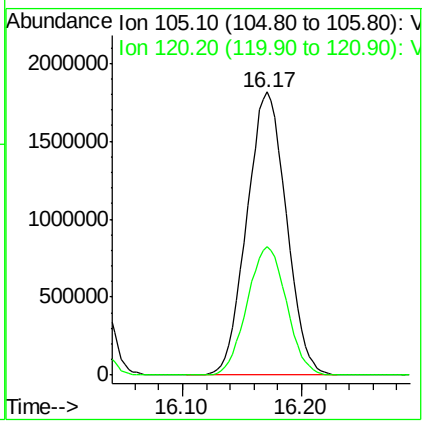


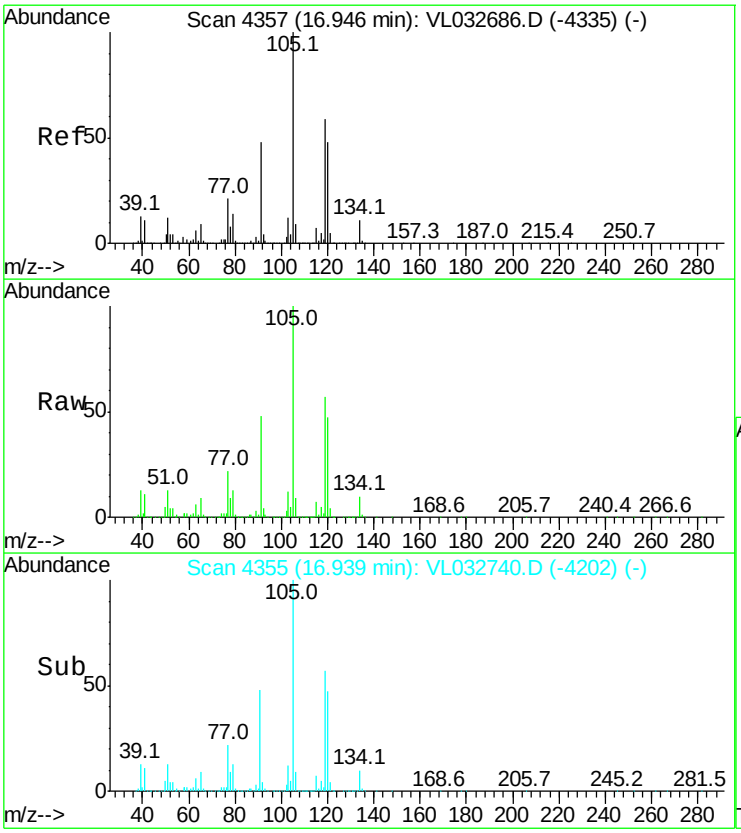
#73
1,3,5-Trimethylbenzene
Concen: 9.359 ppbv
RT: 16.17 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 4157148

Ion	Ratio	Lower	Upper
105	100		
120	45.4	35.4	53.2

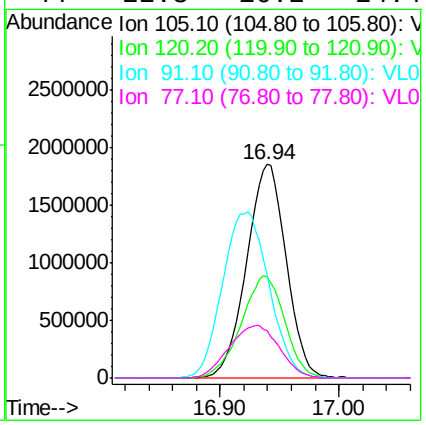


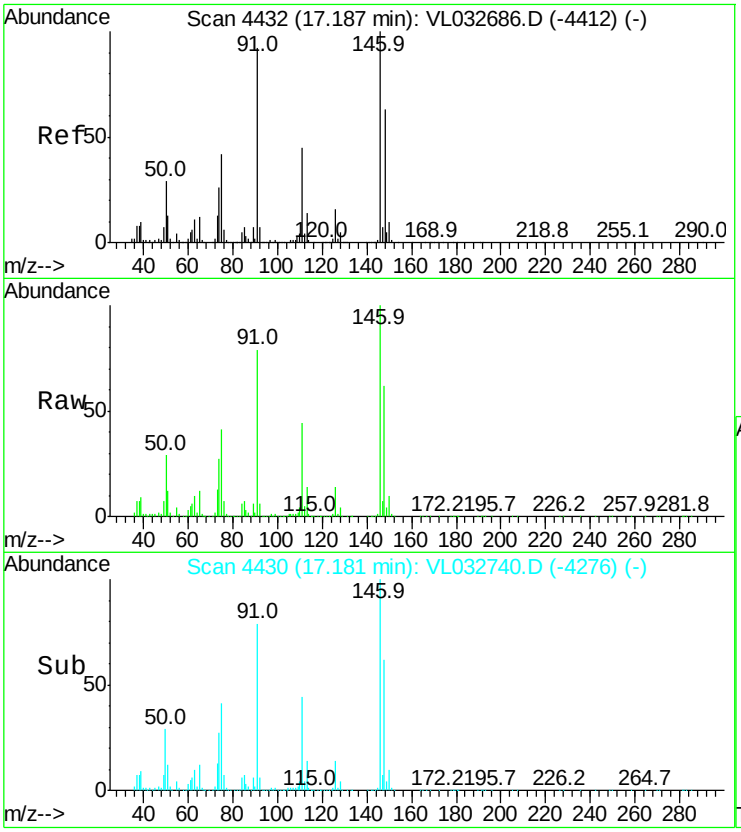


#74
1,2,4-Trimethylbenzene
Concen: 9.006 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:105 Resp: 4272166

Ion	Ratio	Lower	Upper
105	100		
120	47.2	35.8	53.8
91	48.3	33.2	49.8
77	22.3	16.2	24.4



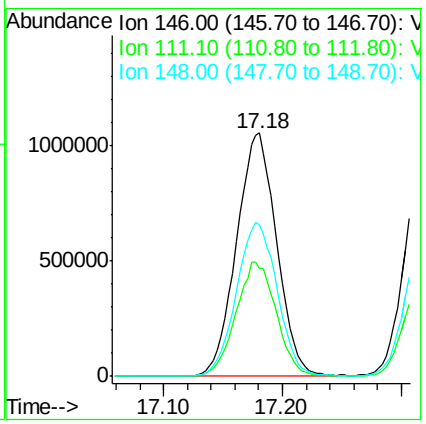


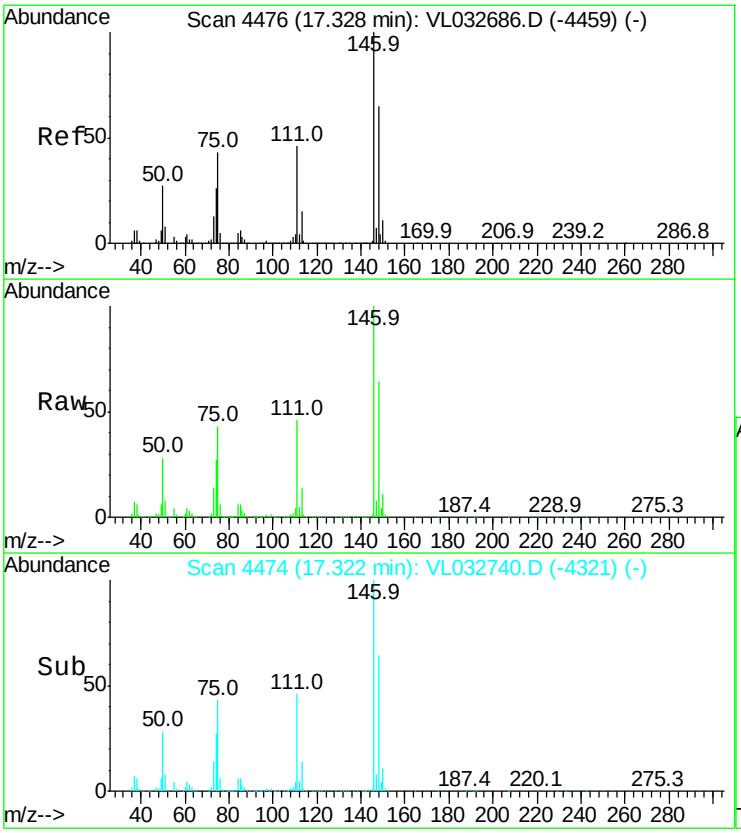
#75
1,3-Dichlorobenzene
Concen: 9.005 ppbv
RT: 17.18 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 2456139

Ion	Ratio	Lower	Upper
146	100		
111	47.2	24.4	73.2
148	64.4	31.9	95.9

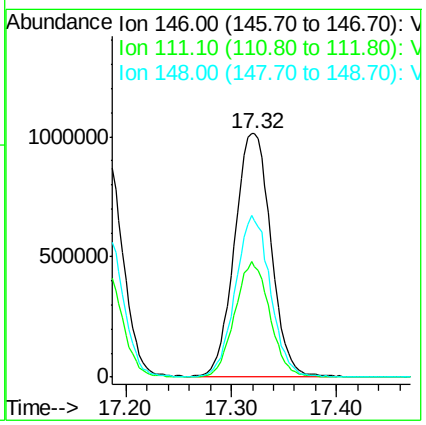


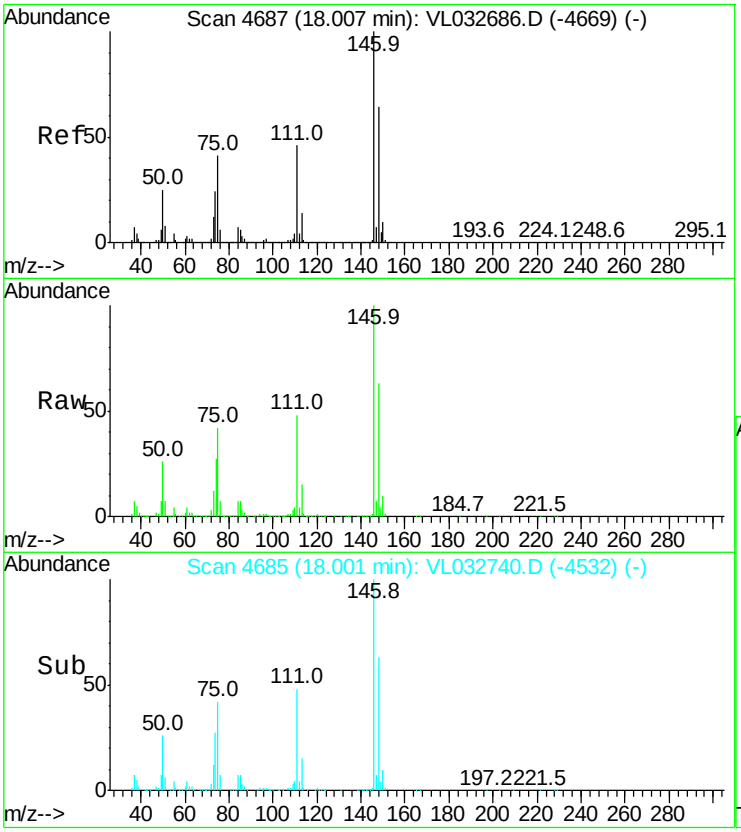


#76
1,4-Dichlorobenzene
Concen: 9.615 ppbv
RT: 17.32 min Scan# 4474
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:146 Resp: 2420360

Ion	Ratio	Lower	Upper
146	100		
111	45.6	23.7	71.1
148	64.2	32.1	96.3



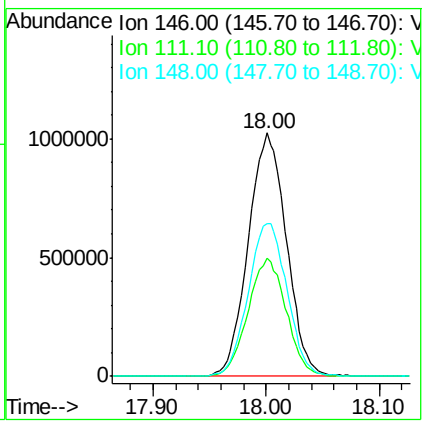


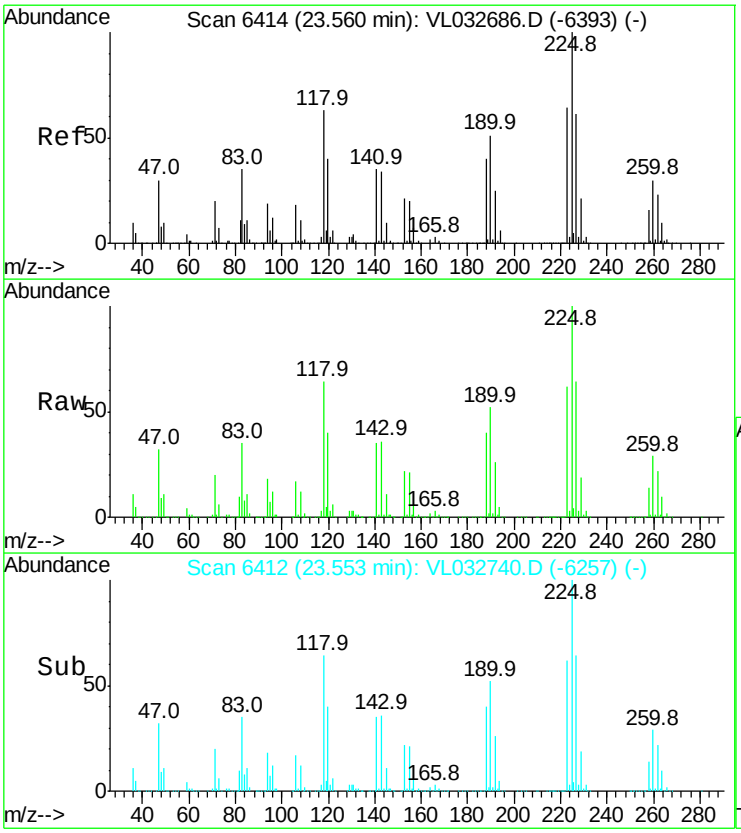
#77
1,2-Dichlorobenzene
Concen: 9.284 ppbv
RT: 18.00 min Scan# 4685
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 2399016

Ion	Ratio	Lower	Upper
146	100		
111	48.8	25.3	75.8
148	64.3	31.9	95.9

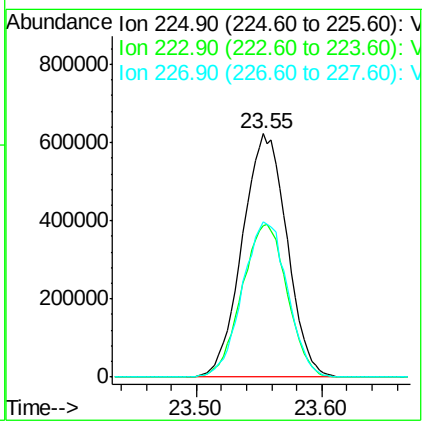


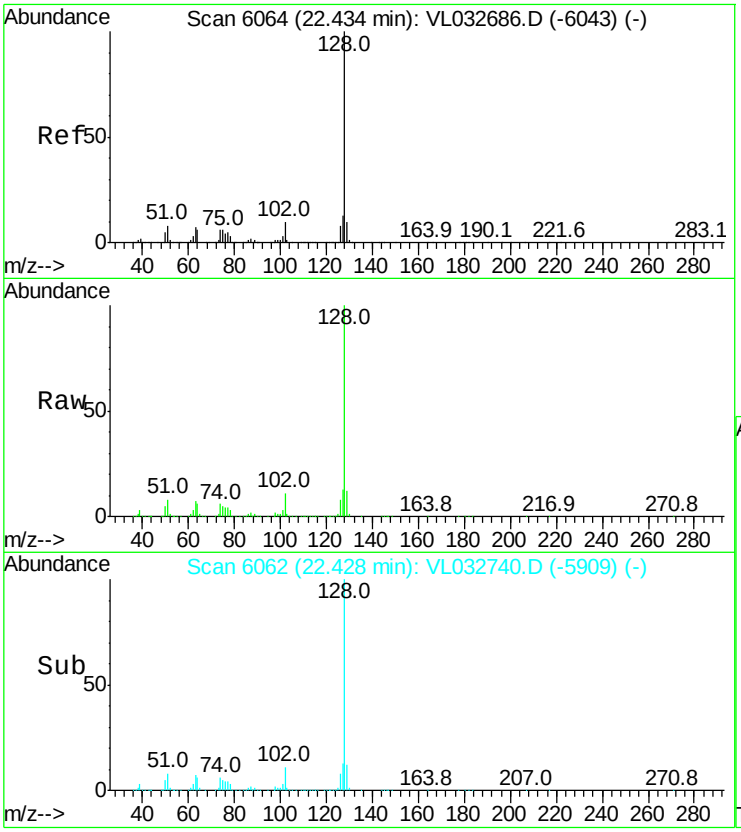


#78
Hexachloro-1,3-Butadiene
Concen: 12.600 ppbv
RT: 23.55 min Scan# 6412
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:225 Resp: 1538465

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.7	76.1
227	64.4	50.7	76.1



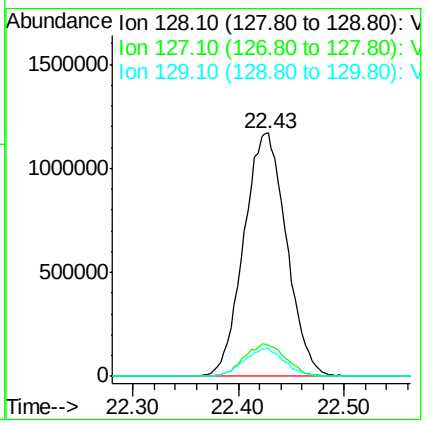


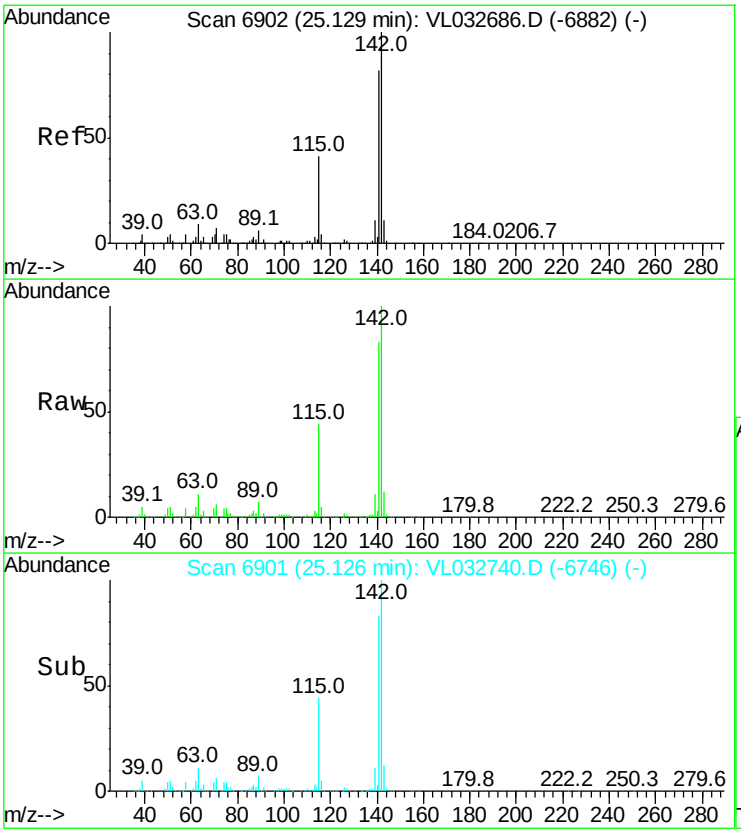
#79
Naphthalene
Concen: 11.160 ppbv
RT: 22.43 min Scan# 6062
Delta R.T. -0.01 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 3290415

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.5	8.6	13.0

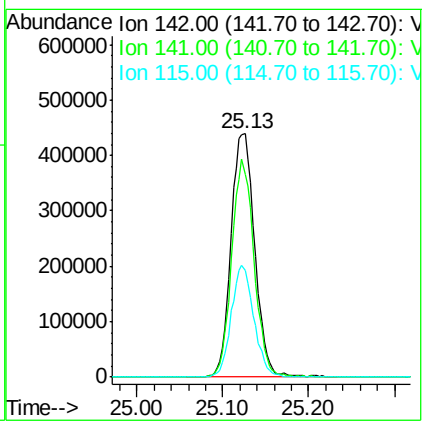


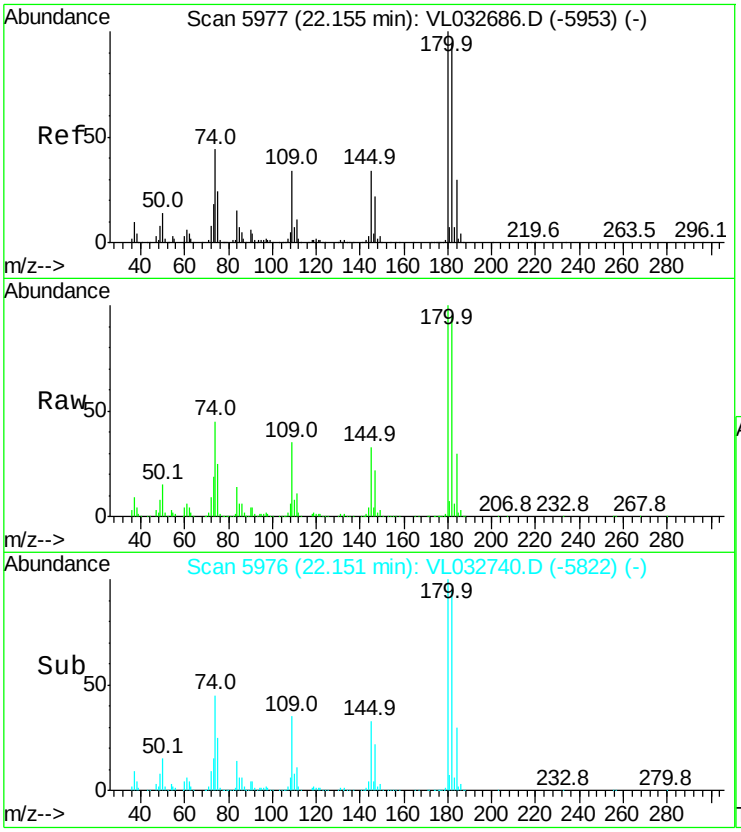


#80
Naphthalene,2-methyl-
Concen: 11.755 ppbv
RT: 25.13 min Scan# 6901
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Tgt Ion:142 Resp: 842750

Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.5	101.3
115	43.7	33.5	50.3





#81
1,2,4-Trichlorobenzene
Concen: 11.310 ppbv
RT: 22.15 min Scan# 5976
Delta R.T. -0.00 min
Lab File: VL032740.D
Acq: 8 Nov 2018 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1726887

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.5	114.7
184	30.4	24.7	37.1