Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032657.D
Acq On : 18 Oct 2018 18:40
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Oct 18 19:19:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 18 11:41:40 2018
QLast Update : Thu Oct 18 11:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.78	49	1731942	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.31	114	4080694	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.25	117	3950297	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.59	95	2955810	9.94	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.09	85	25244	0.148	ppbv		95
4) Chloromethane	3.18	50	8717	0.110	ppbv	#	83
5) Vinyl Chloride	3.31	62	8292	0.104	ppbv		98
6) Bromomethane	3.53	94	3506	0.070	ppbv	#	81
7) Chloroethane	3.61	64	2108	0.068	ppbv	#	78
8) Dichlorotetrafluoroethane	3.23	85	19998	0.102	ppbv		88
9) Propene	3.05	41	5636	0.106	ppbv	#	78
11) Trichlorofluoromethane	4.02	101	24721	0.111	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	4.57	101	18868	0.116	ppbv		91
13) Ethanol	3.69	45	1349	0.082	ppbv	#	1
14) Bromoethene	3.81	108	4093	0.069	ppbv	#	34
15) Acetone	3.94	43	26108	0.169	ppbv		92
16) 1,3-Butadiene	3.37	39	4819	0.084	ppbv		100
18) 1,1-Dichloroethene	4.37	96	5837	0.079	ppbv	#	89
20) Methylene Chloride	4.42	84	13808	0.200	ppbv	#	80
21) Allyl Chloride	4.49	41	4815	0.042	ppbv	#	21
22) trans-1,2-Dichloroethene	4.98	96	5960	0.070	ppbv	#	71
24) 1,1-Dichloroethane	5.10	63	24140	0.106	ppbv		98
25) Ethyl Acetate	5.80	43	35335	0.097	ppbv	#	93
26) Hexane	5.80	57	14931	0.091	ppbv	#	78
27) Carbon Disulfide	4.64	76	18848	0.095	ppbv	#	1
28) Methyl tert-Butyl Ether	5.16	73	14992	0.073	ppbv	#	53
29) Chloroform	5.86	83	29962	0.104	ppbv		100
31) cis-1,2-Dichloroethene	5.65	61	6144	0.039	ppbv	#	92
32) 1,1,1-Trichloroethane	6.63	97	22178	0.077	ppbv	#	45
34) 2-Butanone	5.37	43	19756	0.087	ppbv	#	87
35) Carbon Tetrachloride	7.15	117	28943	0.092	ppbv		94
36) Benzene	7.02	78	29069	0.088	ppbv	#	92
37) 1,2-Dichloroethane	6.43	62	14387	0.063	ppbv	#	86
38) Trichloroethene	7.98	130	7667	0.062	ppbv	#	82
39) 1,2-Dichloropropane	7.31	63	1013886	7.535	ppbv	#	26
42) Bromodichloromethane	7.93	83	30219	0.098	ppbv	#	98
44) 2,2,4-Trimethylpentane	8.01	57	31679	0.054	ppbv	#	70
46) cis-1,3-Dichloropropene	8.85	75	5844	0.031	ppbv	#	74
47) 1,1,2-Trichloroethane	9.63	97	10941	0.068	ppbv	#	63
48) Dibromochloromethane	10.47	129	8311	0.030	ppbv	#	10
49) Bromoform	13.21	173	8422	0.041	ppbv	#	30
52) Tetrachloroethene	11.38	164	3865	0.035	ppbv	#	28
54) 1,2-Dibromoethane	10.77	107	9153	0.040	ppbv		87
56) 1,1,1,2-Tetrachloroethane	12.30	131	8442	0.047	ppbv	#	1
57) Chlorobenzene	12.31	112	12516	0.042	ppbv	#	63

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101818\

Quantitation Report (Not Reviewed)

Data File : VL032657.D
Acq On : 18 Oct 2018 18:40
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Oct 18 19:19:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 18 11:41:40 2018
QLast Update : Thu Oct 18 11:41:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) o-Xylene	13.86	91	15763	0.040	ppbv		74
61) Styrene	13.70	104	9353	0.039	ppbv	#	76
62) Isopropylbenzene	14.84	105	22725	0.040	ppbv	#	49
63) 1,1,2,2-Tetrachloroethane	13.85	83	14934	0.043	ppbv	#	21
71) 2-Chlorotoluene	15.63	91	15404	0.037	ppbv	#	45
77) 1,2-Dichlorobenzene	18.00	146	8734	0.033	ppbv	#	16

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

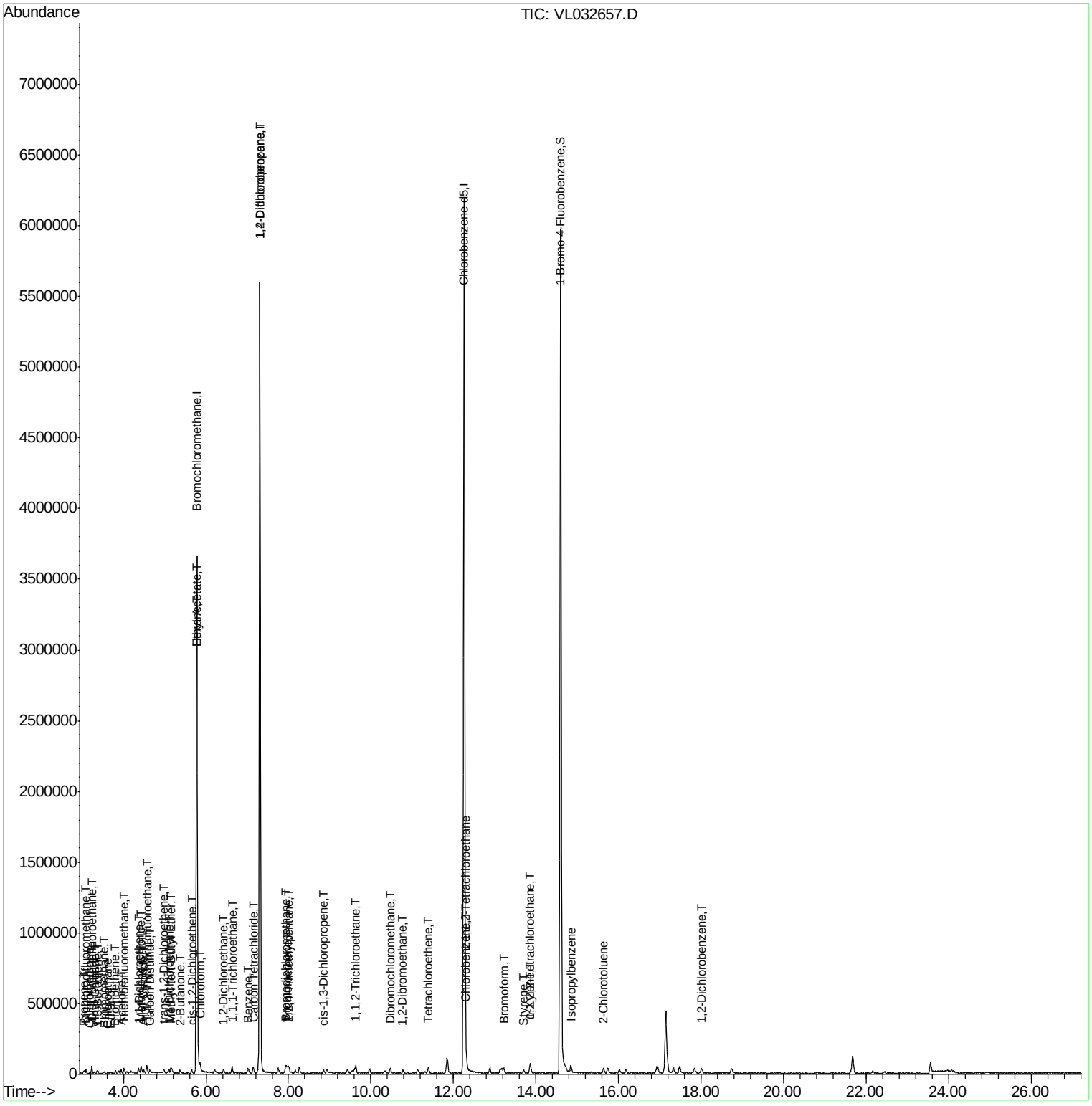
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101818\

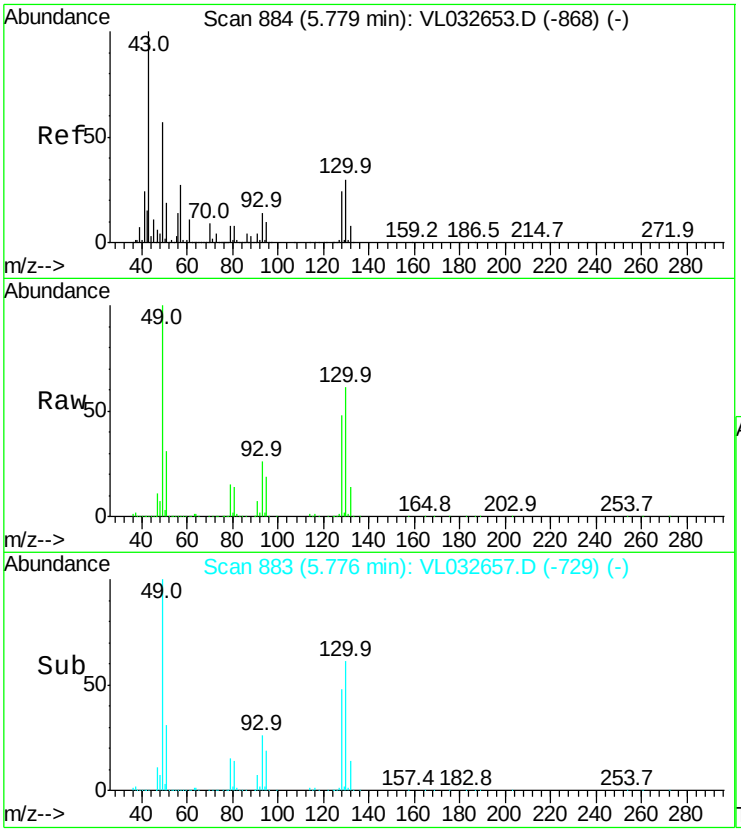
Quantitation Report (Not Reviewed)

Data File : VL032657.D
Acq On : 18 Oct 2018 18:40
Operator : SY/AP
Sample : VSTDICC0.1
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Quant Time: Oct 18 19:19:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 18 11:41:40 2018
QLast Update : Thu Oct 18 11:41:40 2018
Response via : Initial Calibration



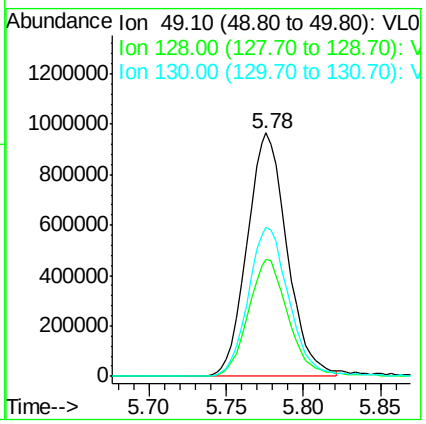


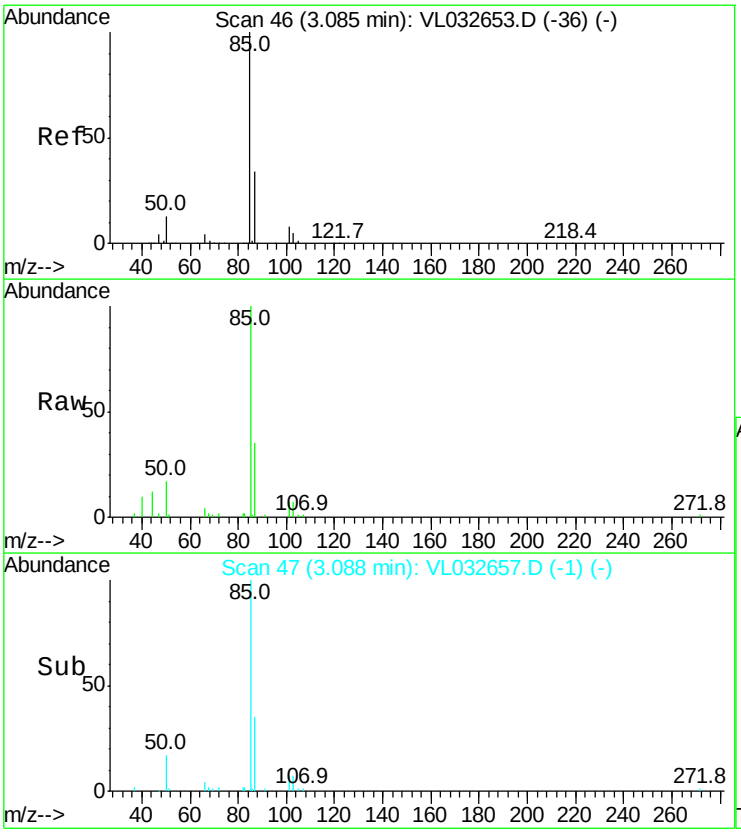
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 49 Resp: 1731942

Ion	Ratio	Lower	Upper
49	100		
128	48.5	22.3	66.8
130	63.1	28.4	85.3

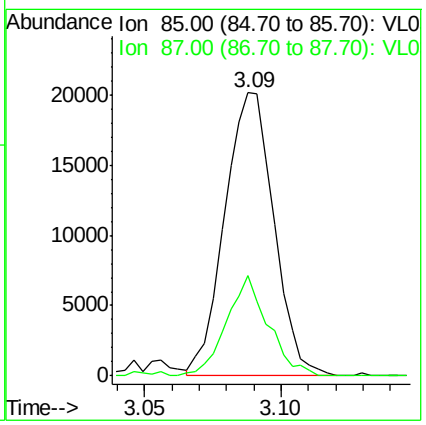


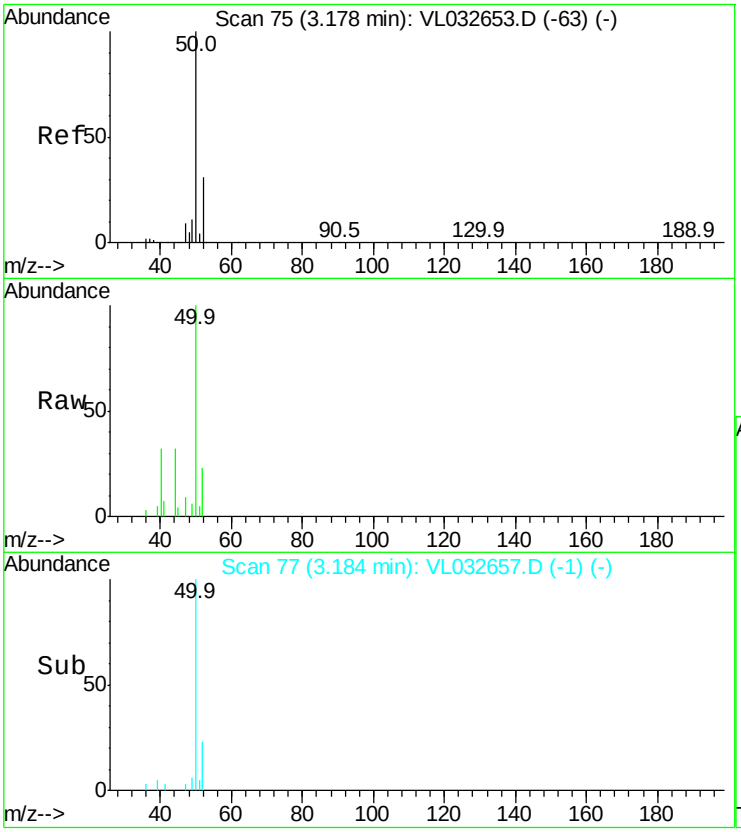


#2
Dichlorodifluoromethane
Concen: 0.148 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 85 Resp: 25244

Ion	Ratio	Lower	Upper
85	100		
87	35.4	26.2	39.2



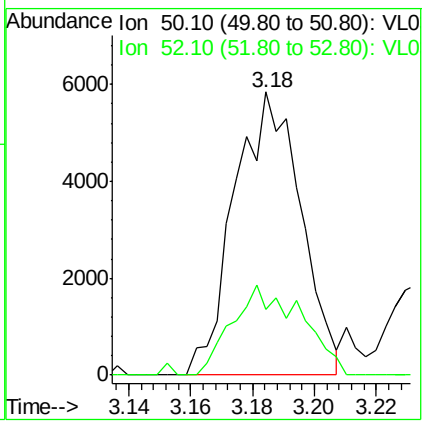


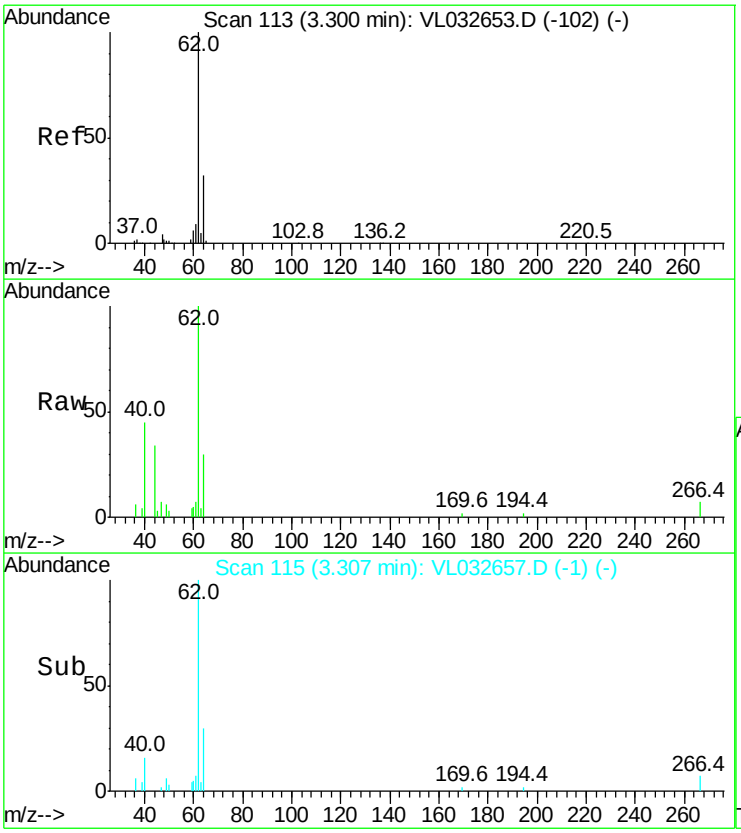
#4
Chloromethane
Concen: 0.110 ppbv
RT: 3.18 min Scan# 77
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 50 Resp: 8717

Ion	Ratio	Lower	Upper
50	100		
52	23.1	25.9	38.9#

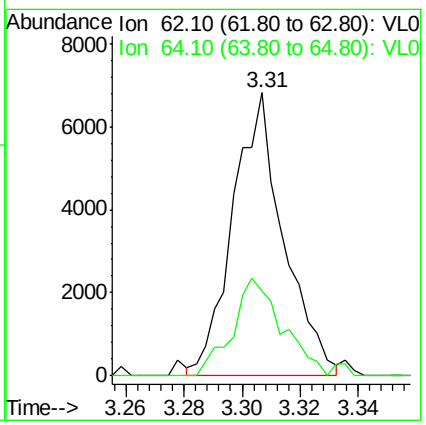


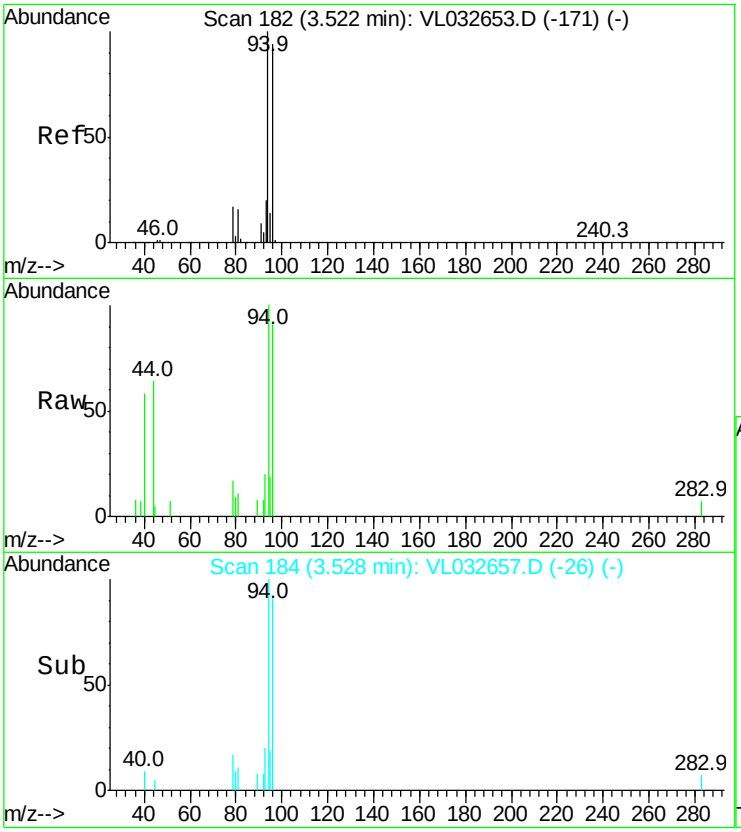


#5
Vinyl Chloride
Concen: 0.104 ppbv
RT: 3.31 min Scan# 115
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 62 Resp: 8292

Ion	Ratio	Lower	Upper
62	100		
64	30.8	25.5	38.3



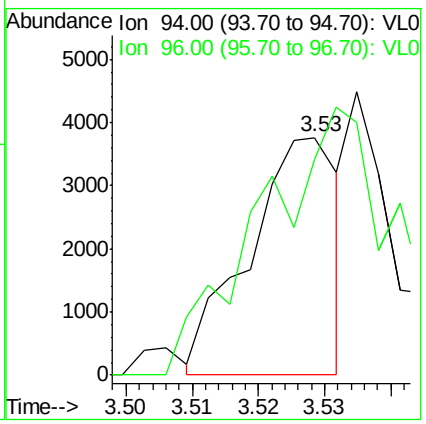


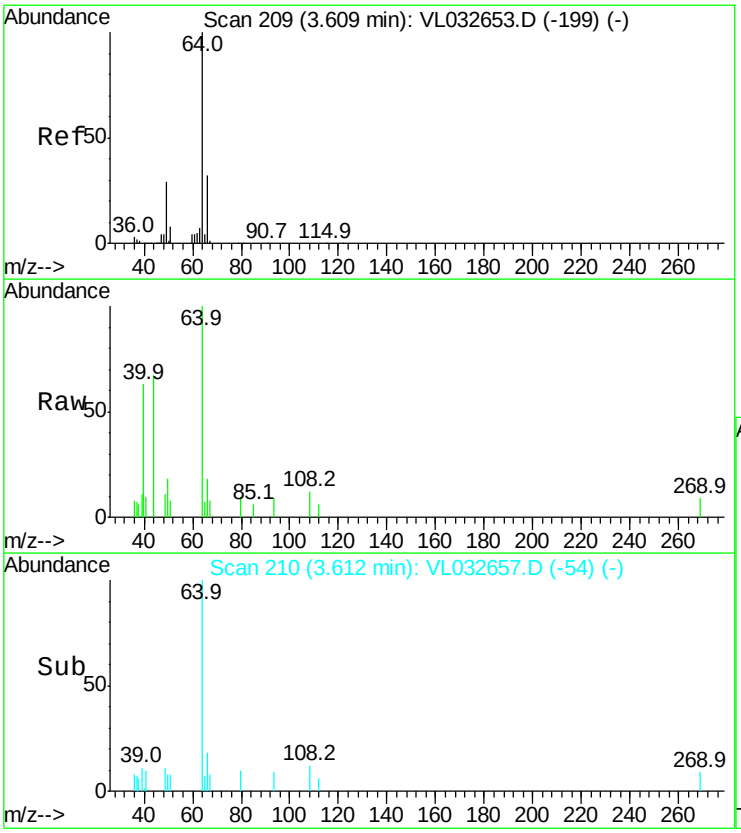
#6
Bromomethane
Concen: 0.070 ppbv
RT: 3.53 min Scan# 184
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 94 Resp: 3506

Ion	Ratio	Lower	Upper
94	100		
96	69.5	69.8	104.8#

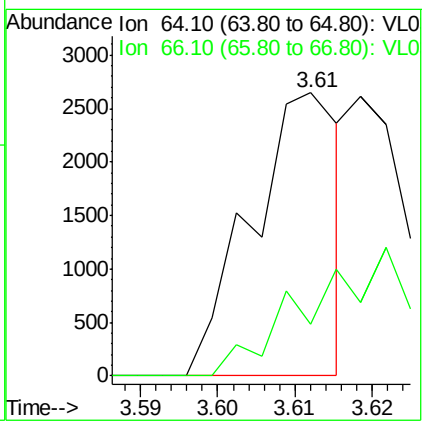


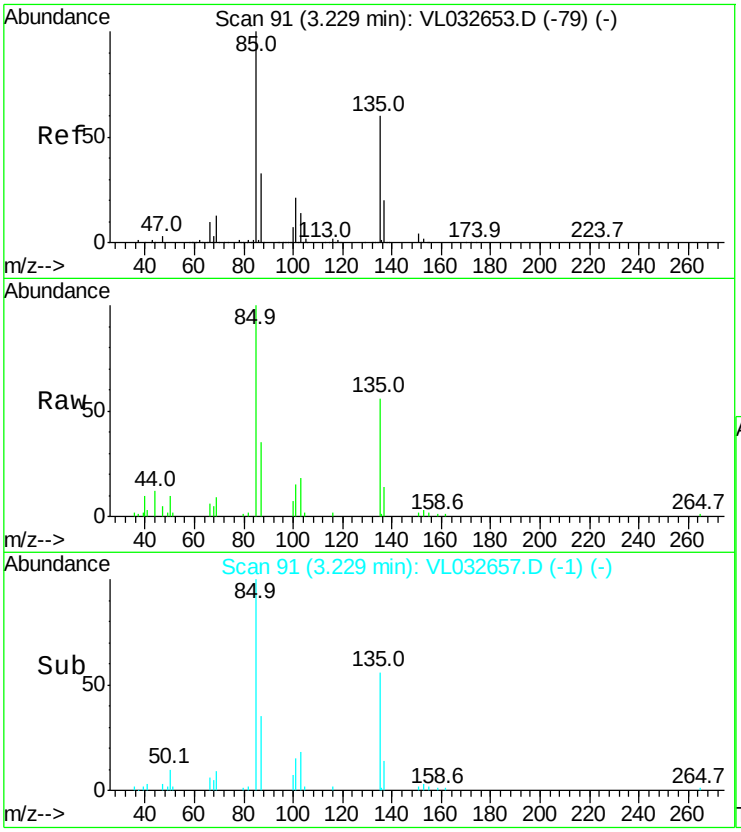


#7
Chloroethane
Concen: 0.068 ppbv
RT: 3.61 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 64 Resp: 2108

Ion	Ratio	Lower	Upper
64	100		
66	18.5	24.4	36.6#



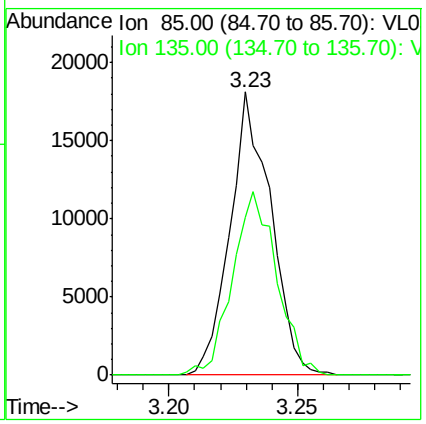


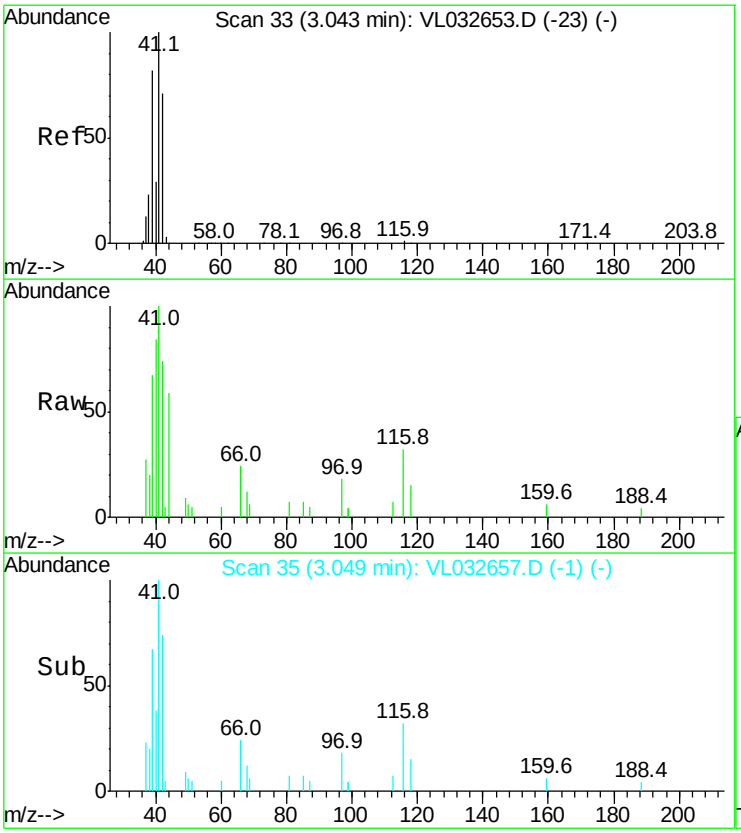
#8
Dichlorotetrafluoroethane
Concen: 0.102 ppbv
RT: 3.23 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 85 Resp: 19998

Ion	Ratio	Lower	Upper
85	100		
135	70.7	49.0	73.4

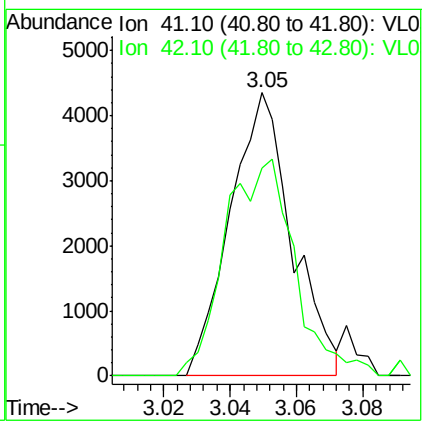


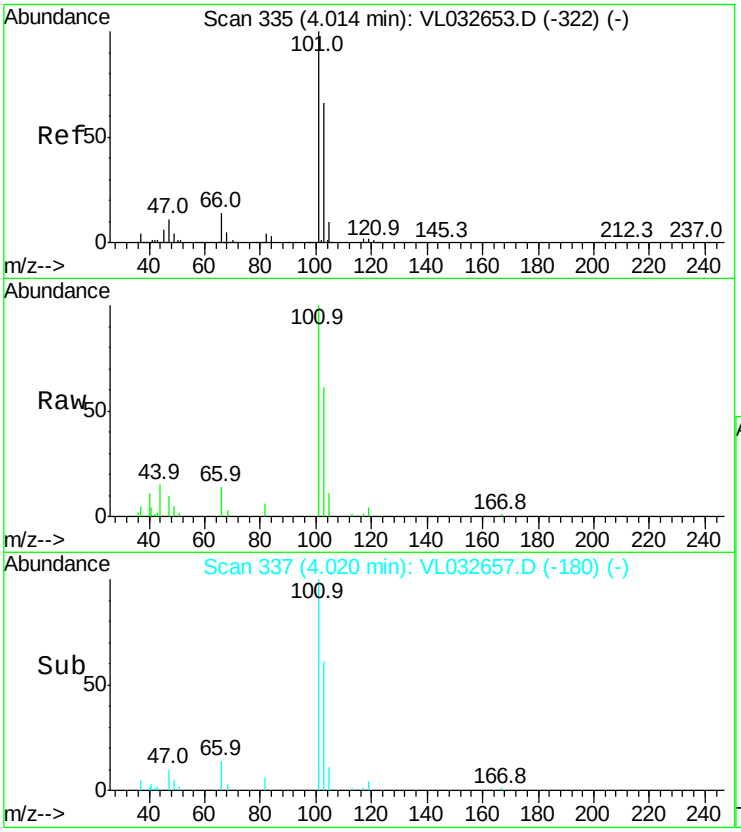


#9
Propene
Concen: 0.106 ppbv
RT: 3.05 min Scan# 35
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 41 Resp: 5636

Ion	Ratio	Lower	Upper
41	100		
42	87.0	55.4	83.0#



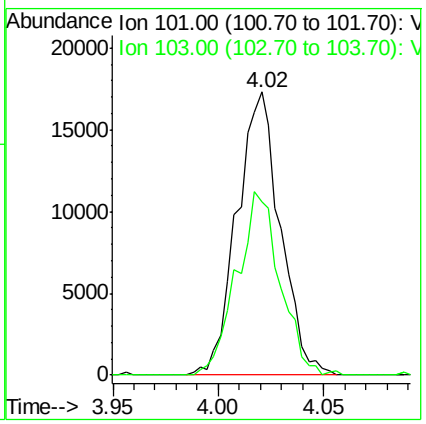


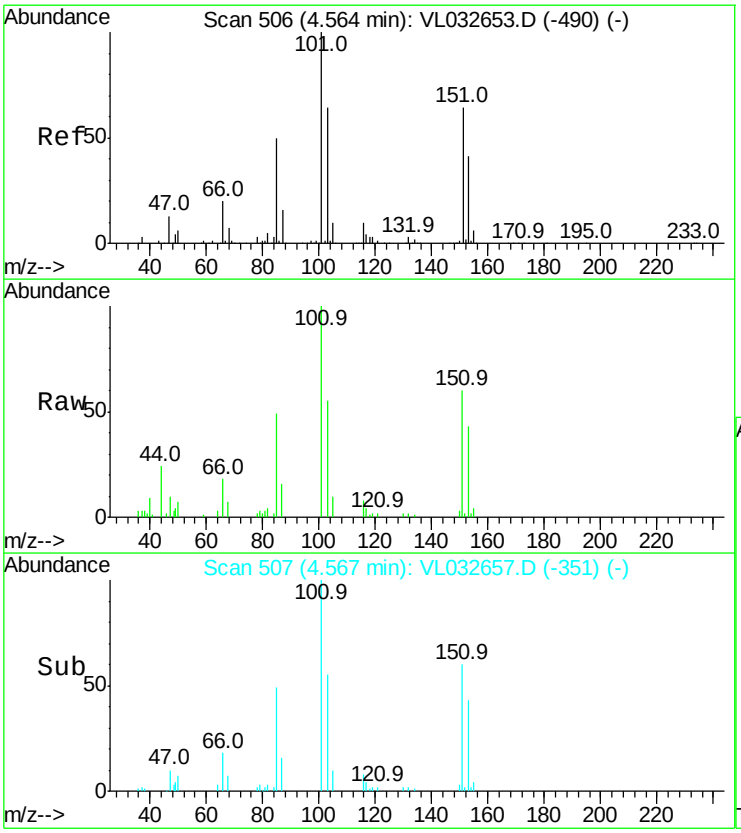
#11
Trichlorofluoromethane
Concen: 0.111 ppbv
RT: 4.02 min Scan# 337
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:101 Resp: 24721

Ion	Ratio	Lower	Upper
101	100		
103	61.2	51.4	77.2

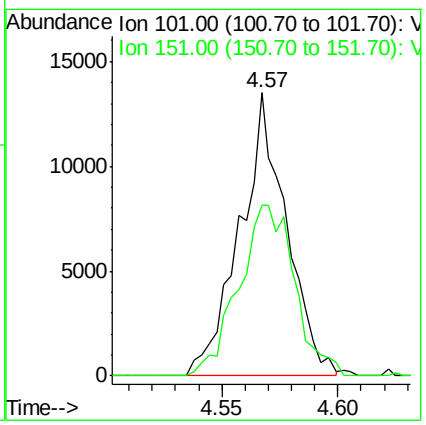


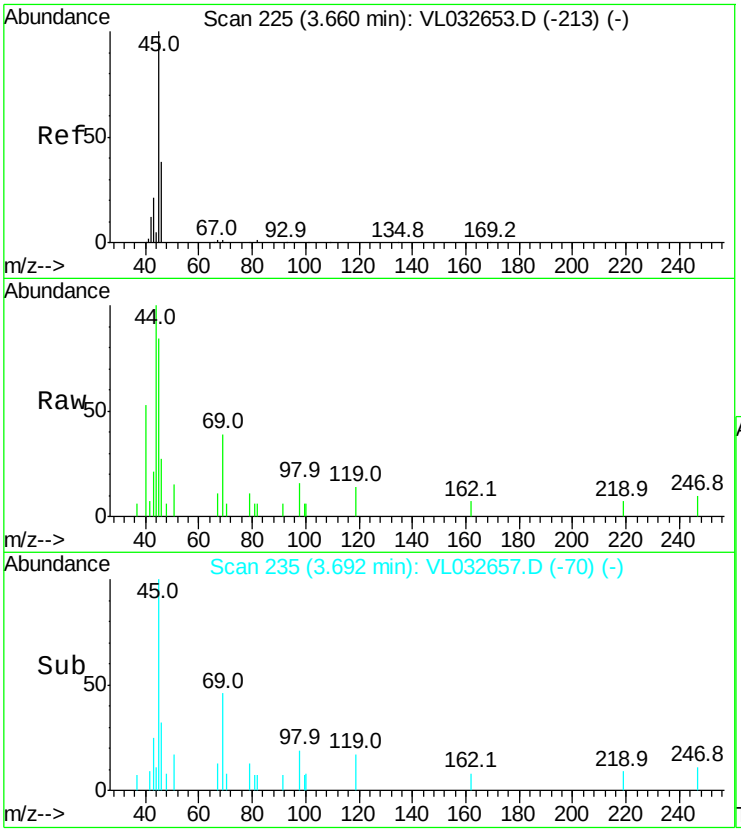


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.116 ppbv
RT: 4.57 min Scan# 507
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:101 Resp: 18868

Ion	Ratio	Lower	Upper
101	100		
151	72.3	52.3	78.5



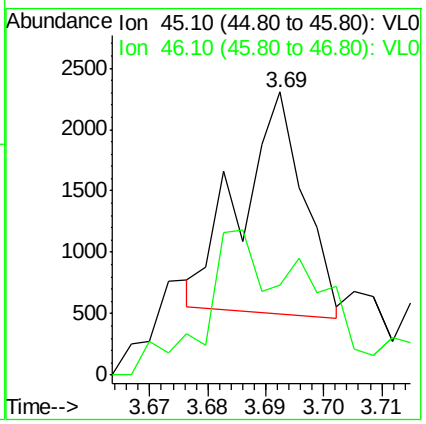


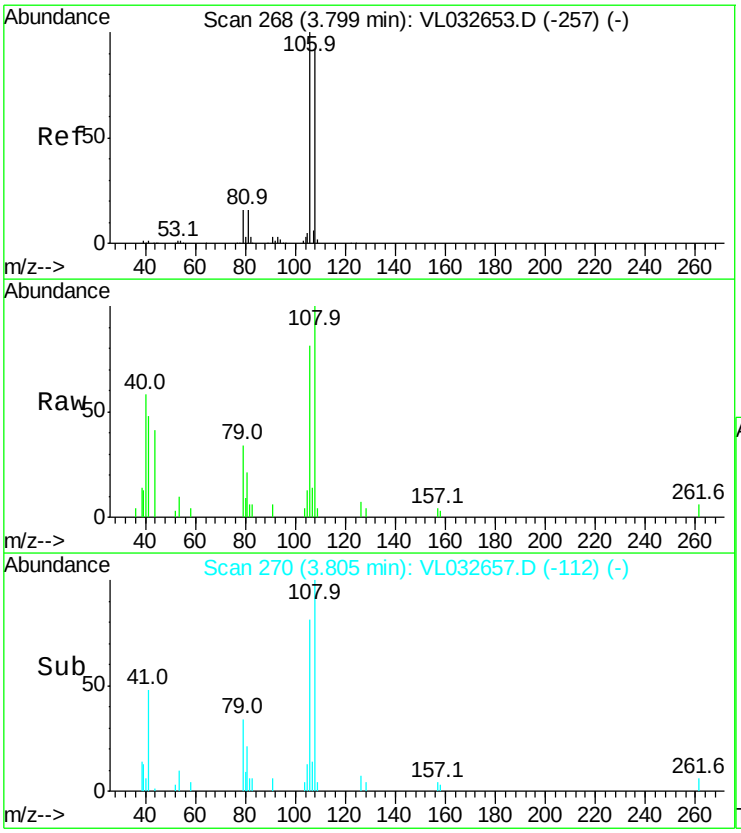
#13
Ethanol
Concen: 0.082 ppbv
RT: 3.69 min Scan# 235
Delta R.T. 0.03 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 45 Resp: 1349

Ion	Ratio	Lower	Upper
45	100		
46	131.2	15.4	61.8#

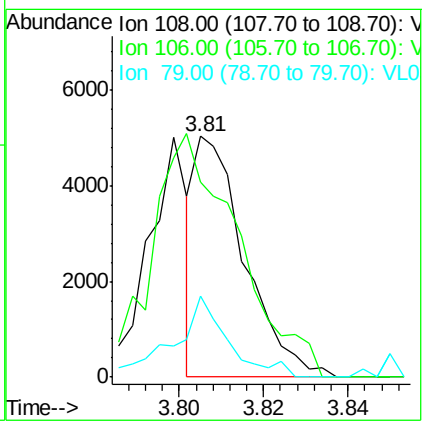


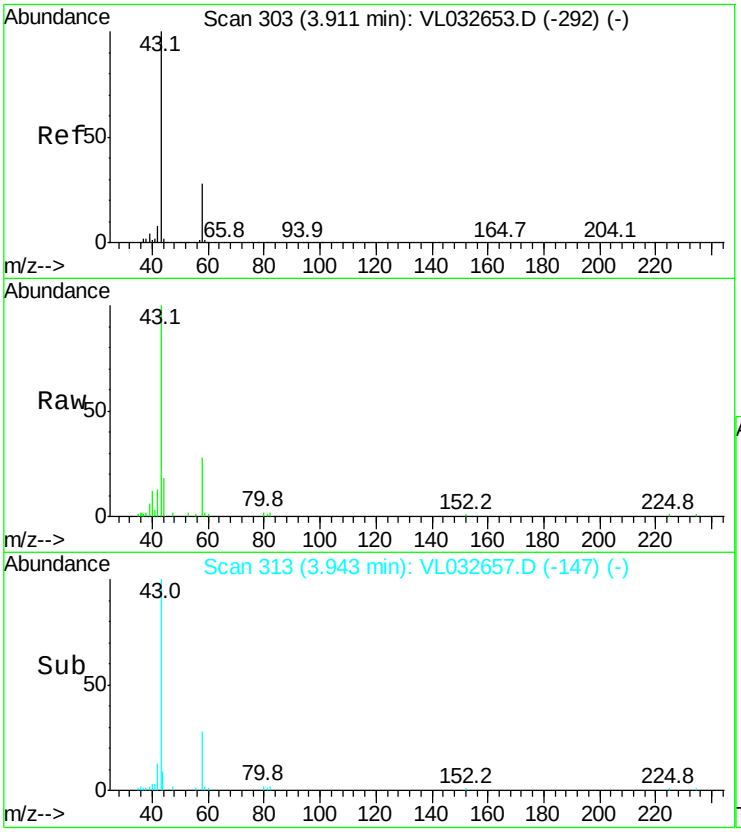


#14
Bromoethene
Concen: 0.069 ppbv
RT: 3.81 min Scan# 270
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:108 Resp: 4093

Ion	Ratio	Lower	Upper
108	100		
106	177.7	85.0	127.4#
79	36.6	13.7	20.5#



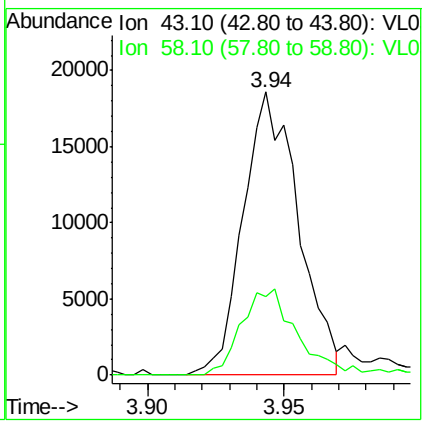


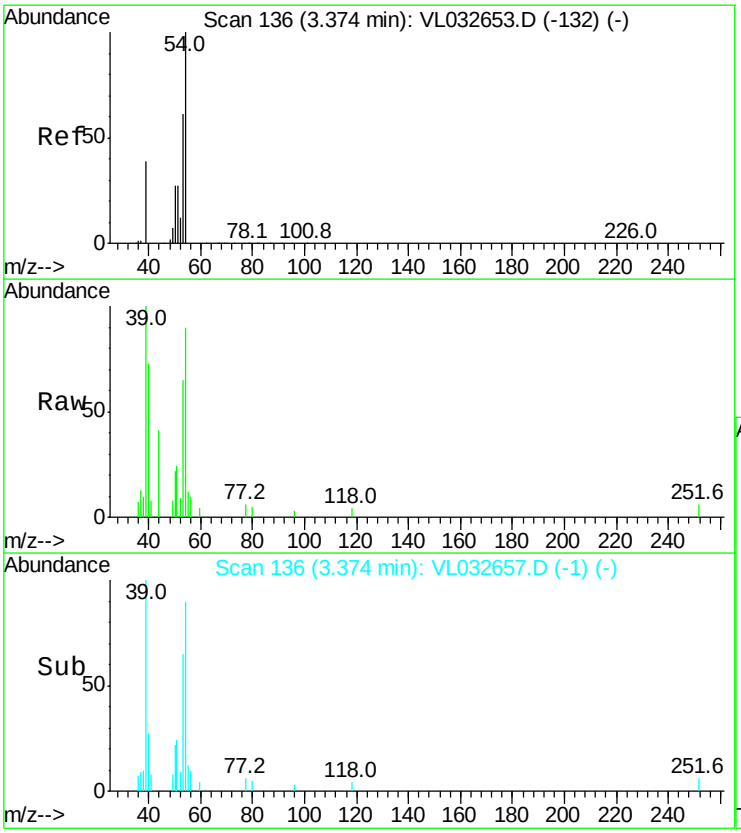
#15
Acetone
Concen: 0.169 ppbv
RT: 3.94 min Scan# 313
Delta R.T. 0.03 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 43 Resp: 26108

Ion	Ratio	Lower	Upper
43	100		
58	31.7	22.1	33.1

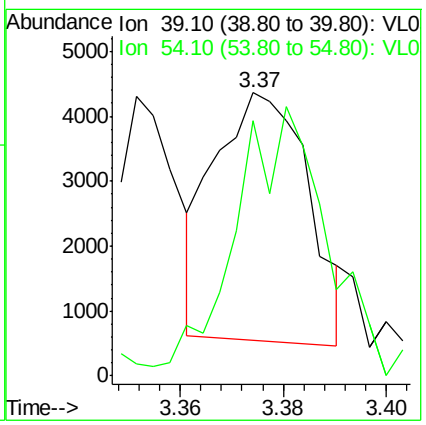


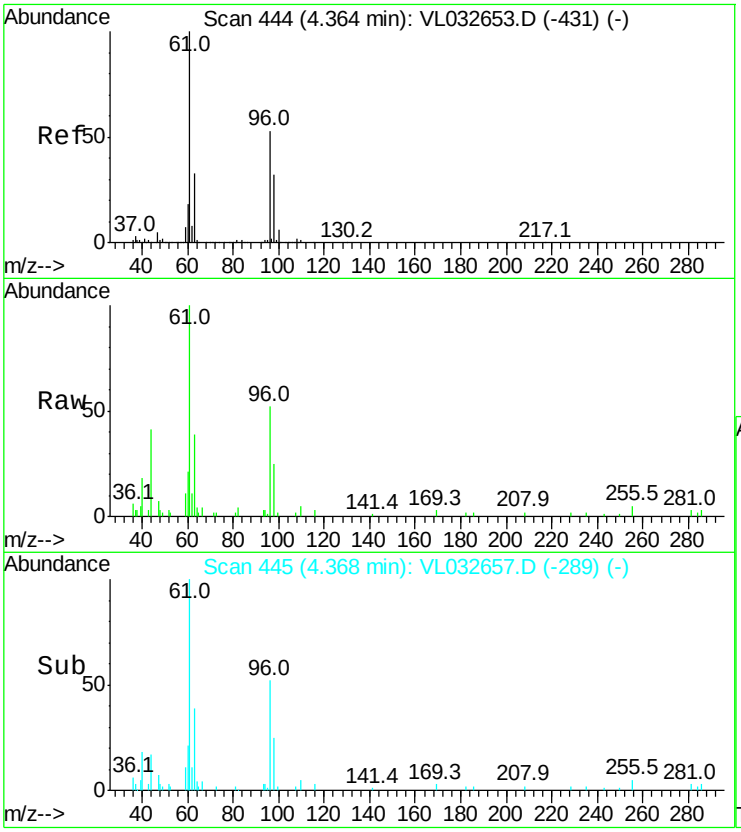


#16
1,3-Butadiene
Concen: 0.084 ppbv
RT: 3.37 min Scan# 136
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 39 Resp: 4819

Ion	Ratio	Lower	Upper
39	100		
54	112.7	90.4	135.6



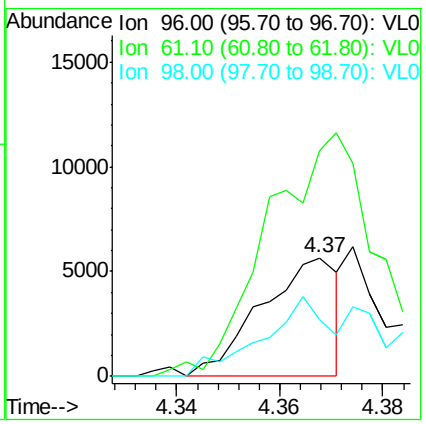


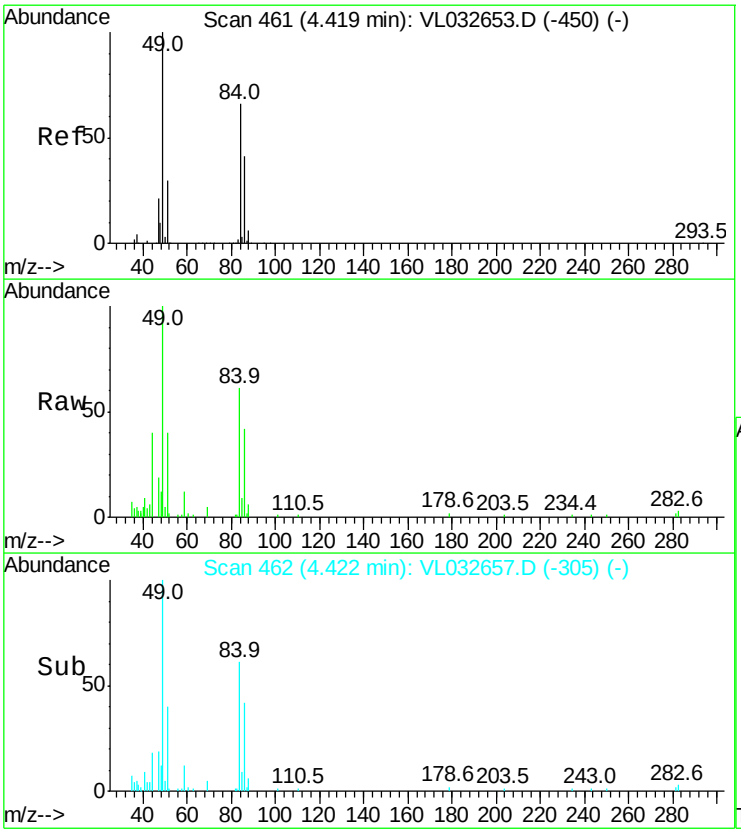
#18
1,1-Dichloroethene
Concen: 0.079 ppbv
RT: 4.37 min Scan# 445
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 96 Resp: 5837

Ion	Ratio	Lower	Upper
96	100		
61	178.2	151.6	227.4
98	47.8	50.6	75.8#

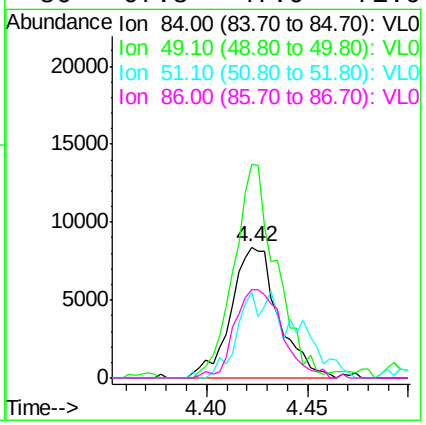


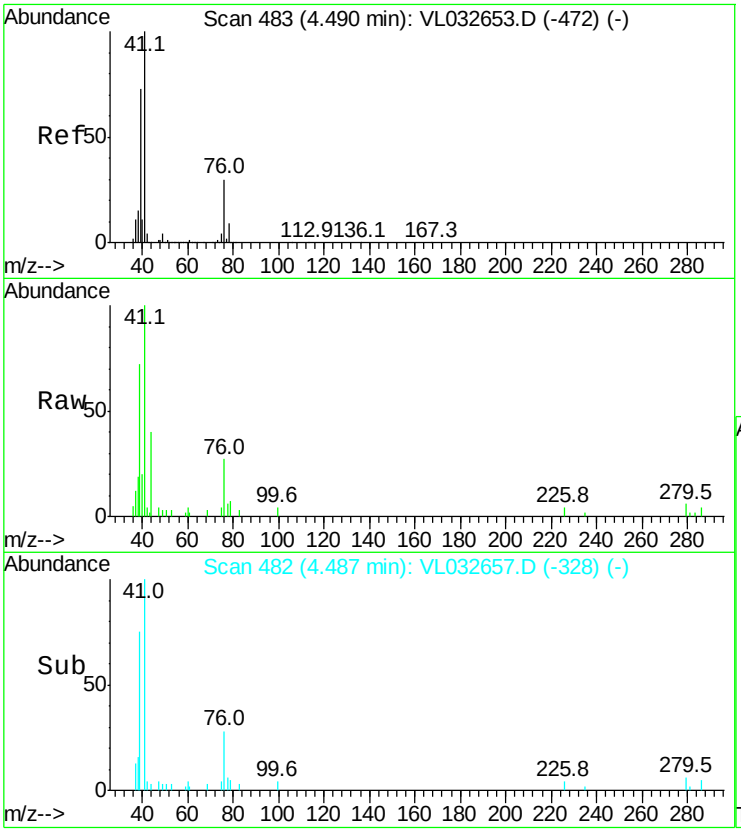


#20
Methylene Chloride
Concen: 0.200 ppbv
RT: 4.42 min Scan# 462
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 84 Resp: 13808

Ion	Ratio	Lower	Upper
84	100		
49	163.2	113.5	170.3
51	68.9	34.8	52.2#
86	67.8	47.9	71.9



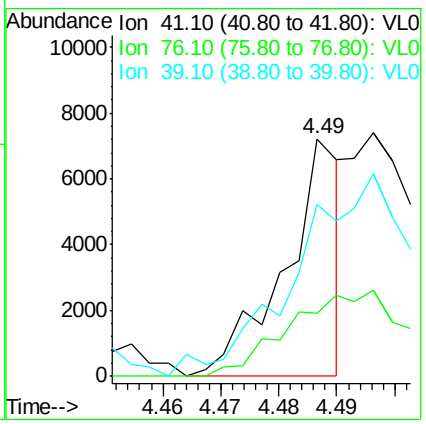


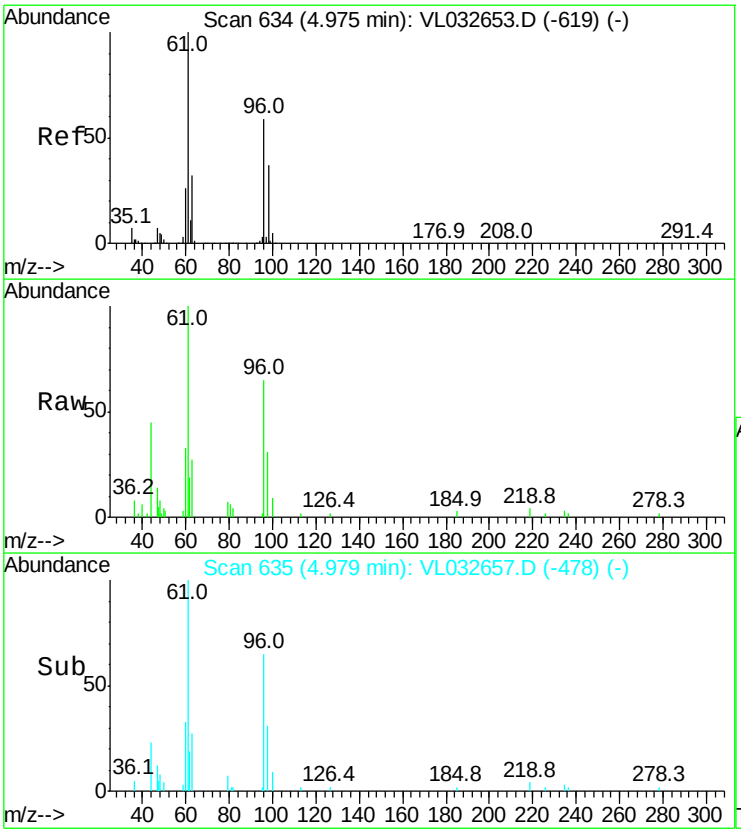
#21
Allyl Chloride
Concen: 0.042 ppbv
RT: 4.49 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 41 Resp: 4815

Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.3	36.5#
39	0.0	60.3	90.5#

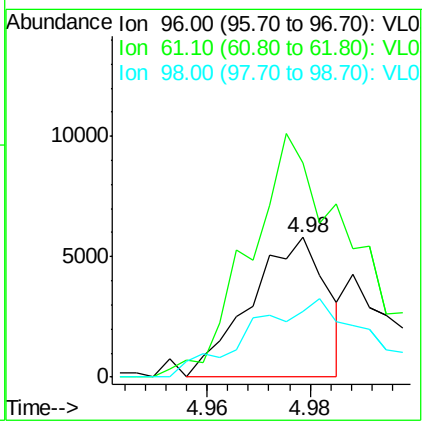


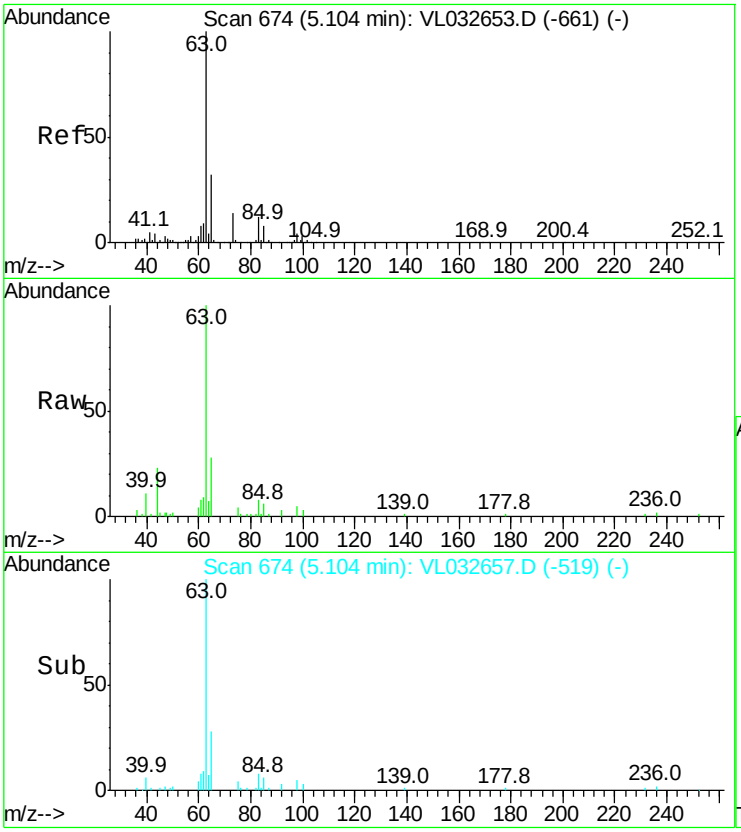


#22
trans-1,2-Dichloroethene
Concen: 0.070 ppbv
RT: 4.98 min Scan# 635
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 96 Resp: 5960

Ion	Ratio	Lower	Upper
96	100		
61	141.9	140.4	210.6
98	35.8	55.0	82.6#



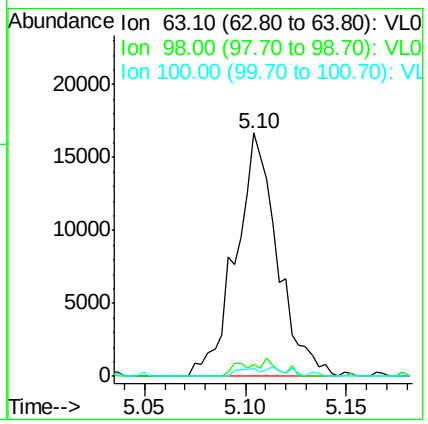


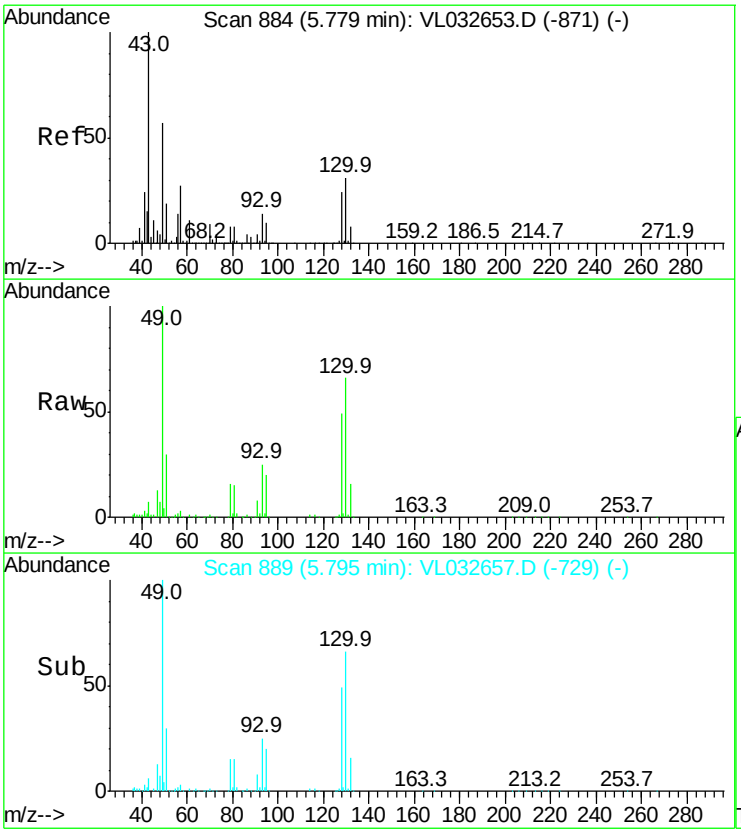
#24
1,1-Dichloroethane
Concen: 0.106 ppbv
RT: 5.10 min Scan# 674
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 24140

Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.1	6.3
100	3.4	1.2	3.6

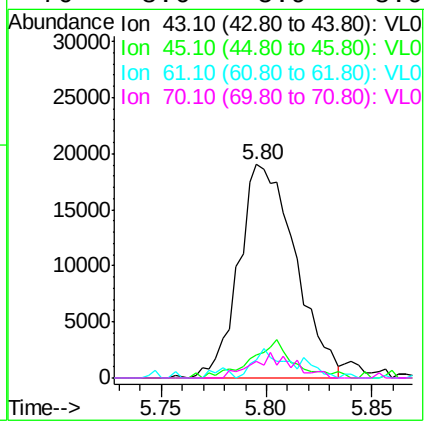


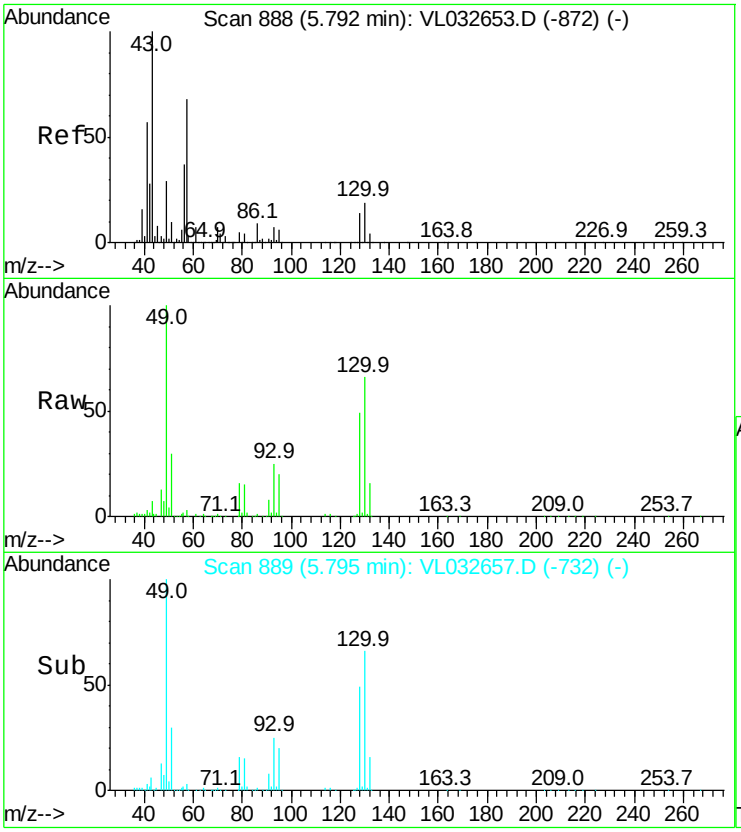


#25
Ethyl Acetate
Concen: 0.097 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.02 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 43 Resp: 35335

Ion	Ratio	Lower	Upper
43	100		
45	14.5	8.0	12.0#
61	11.3	8.0	12.0
70	8.6	5.9	8.9



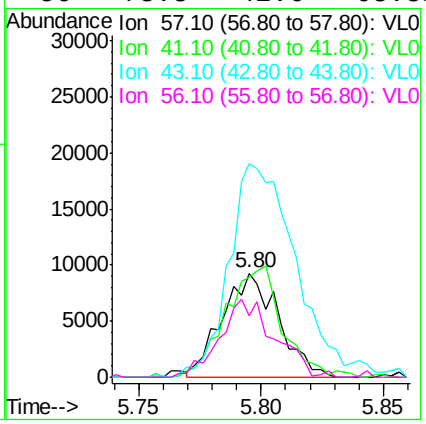


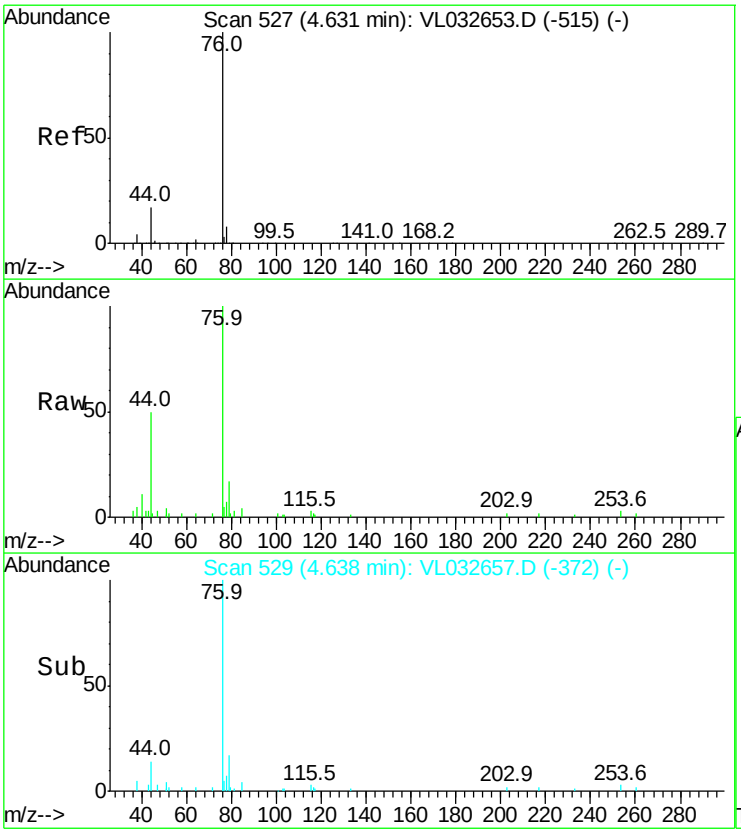
#26
Hexane
Concen: 0.091 ppbv
RT: 5.80 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 14931

Ion	Ratio	Lower	Upper
57	100		
41	107.7	67.4	101.0#
43	245.2	171.9	257.9
56	73.8	42.6	63.8#

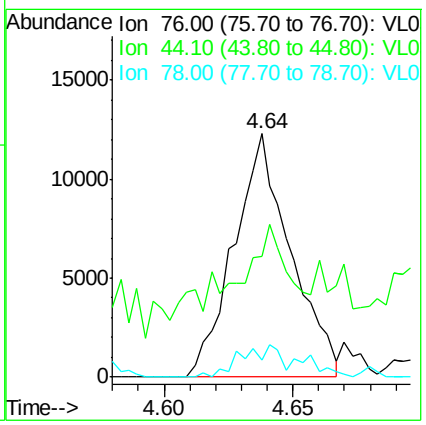


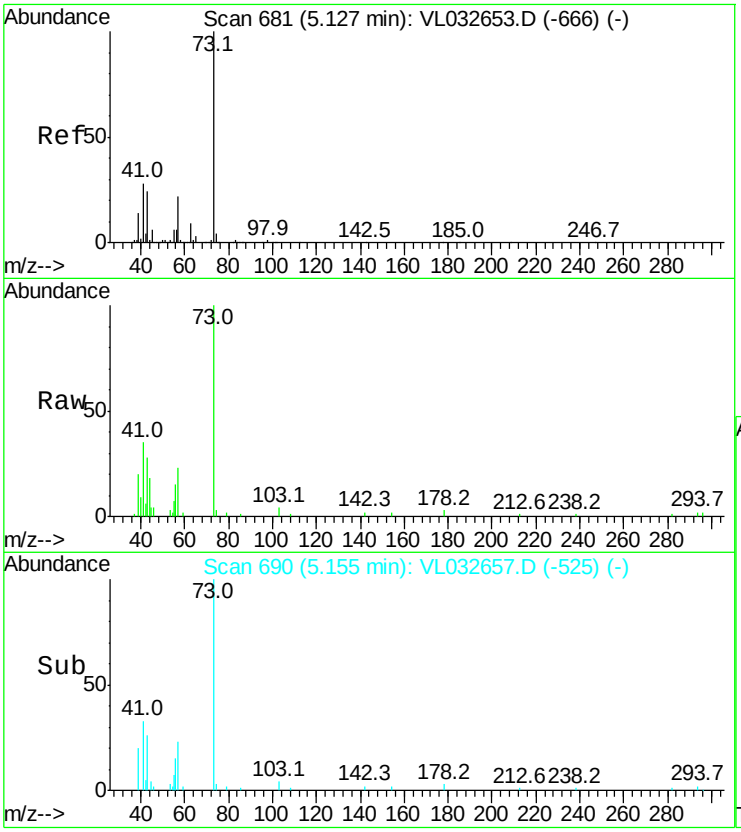


#27
Carbon Disulfide
Concen: 0.095 ppbv
RT: 4.64 min Scan# 529
Delta R.T. 0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 76 Resp: 18848

Ion	Ratio	Lower	Upper
76	100		
44	97.1	13.7	20.5#
78	14.3	7.4	11.2#



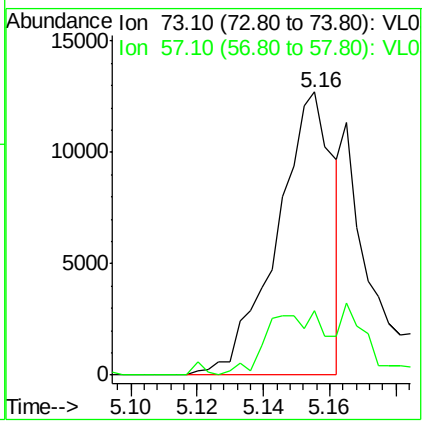


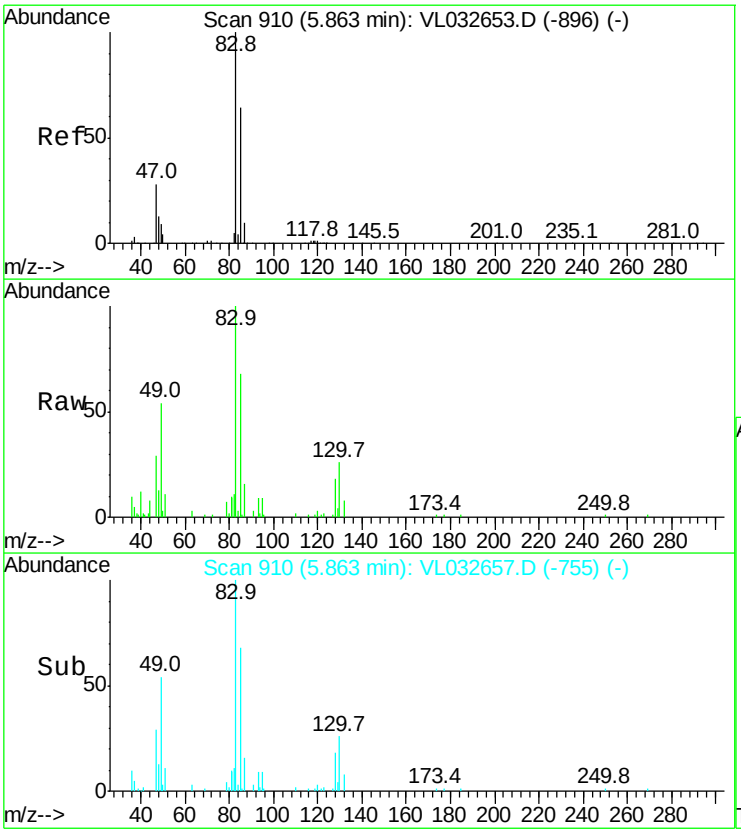
#28
Methyl tert-Butyl Ether
Concen: 0.073 ppbv
RT: 5.16 min Scan# 690
Delta R.T. 0.03 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 73 Resp: 14992

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.0	27.0#

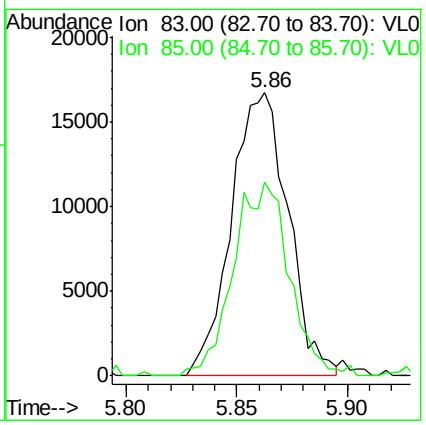


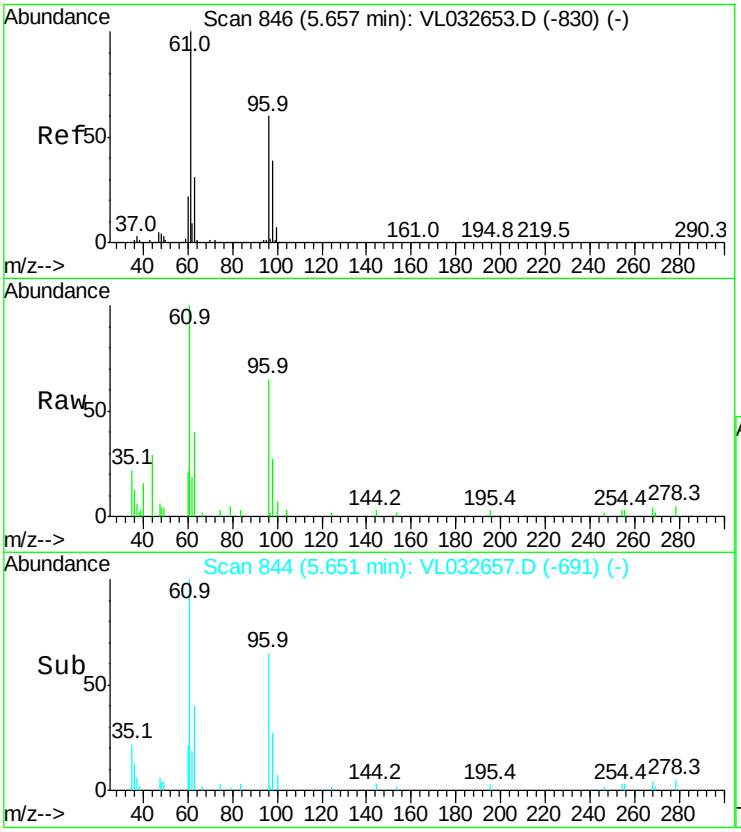


#29
Chloroform
Concen: 0.104 ppbv
RT: 5.86 min Scan# 910
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 83 Resp: 29962

Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.0	79.6



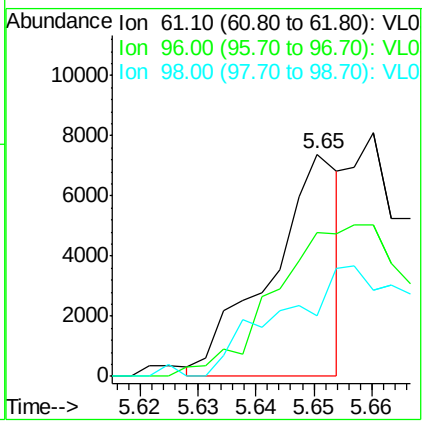


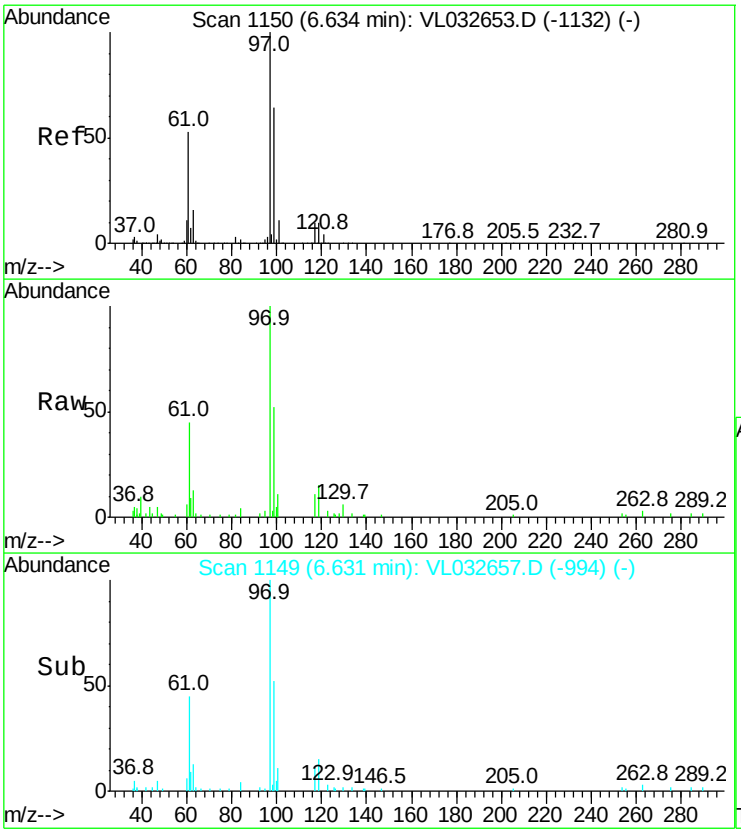
#31
cis-1,2-Dichloroethene
Concen: 0.039 ppbv
RT: 5.65 min Scan# 844
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 61 Resp: 6144

Ion	Ratio	Lower	Upper
61	100		
96	65.8	51.8	77.6
98	29.9	33.8	50.6#

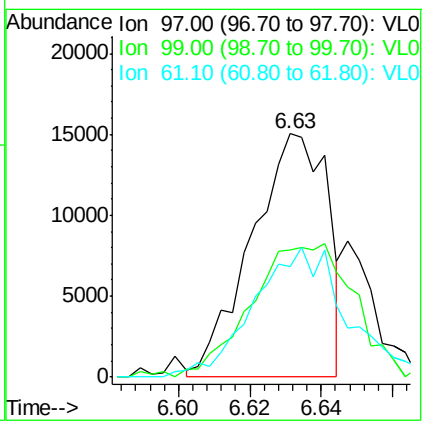


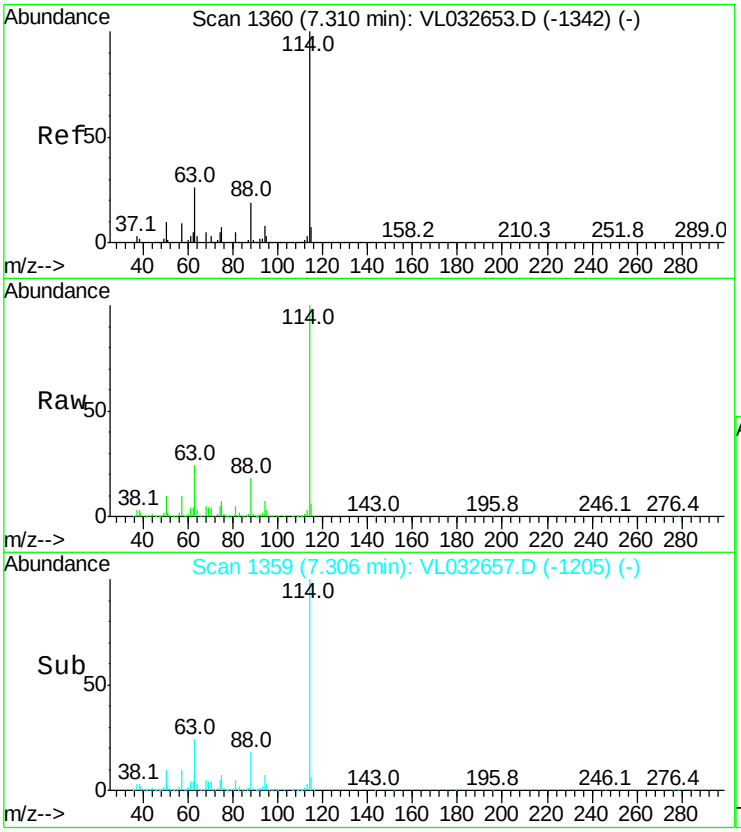


#32
1,1,1-Trichloroethane
Concen: 0.077 ppbv
RT: 6.63 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 97 Resp: 22178

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	65.0	40.7	61.1#



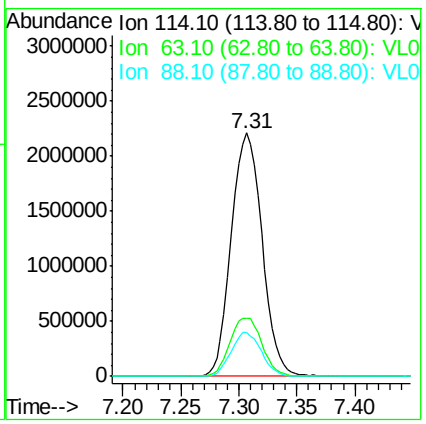


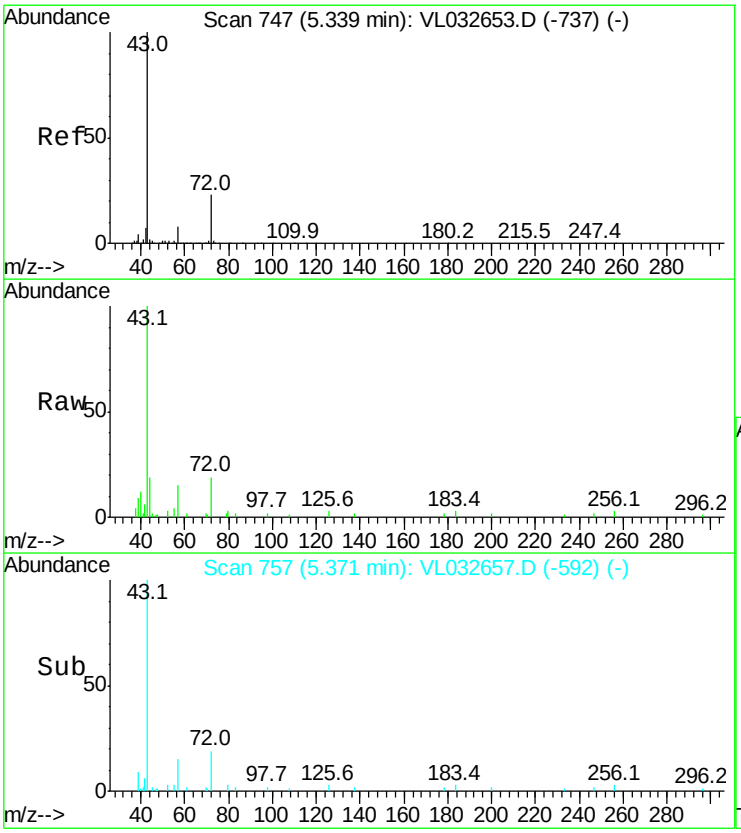
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:114 Resp: 4080694

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

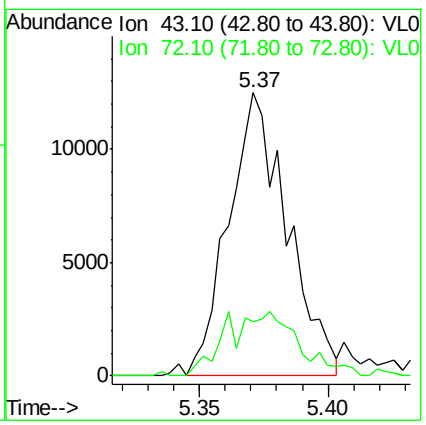


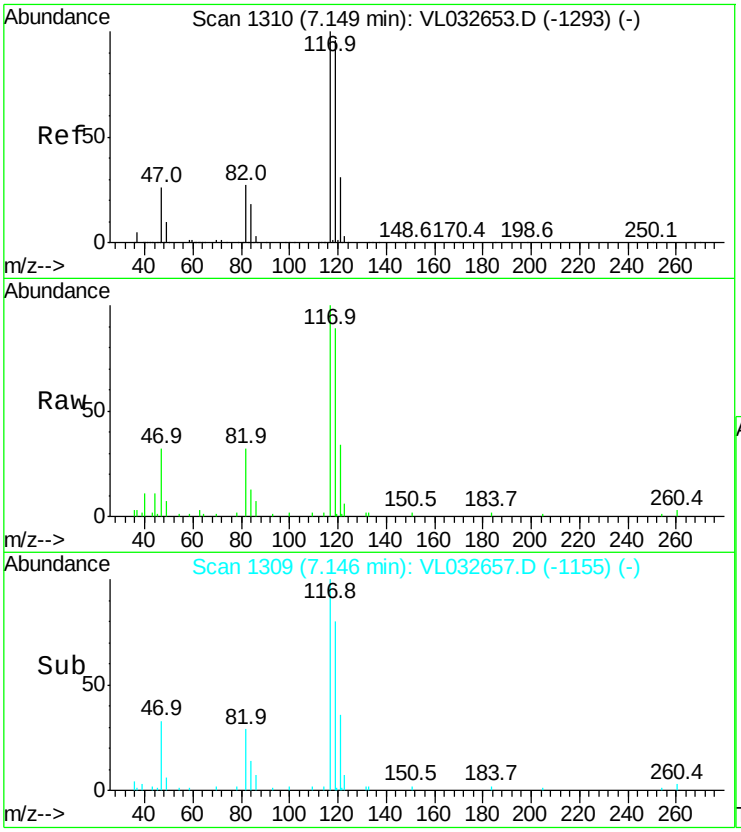


#34
2-Butanone
Concen: 0.087 ppbv
RT: 5.37 min Scan# 757
Delta R.T. 0.03 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 43 Resp: 19756

Ion	Ratio	Lower	Upper
43	100		
72	29.5	18.6	27.8#



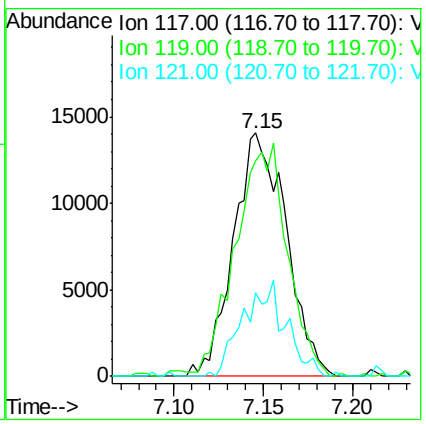


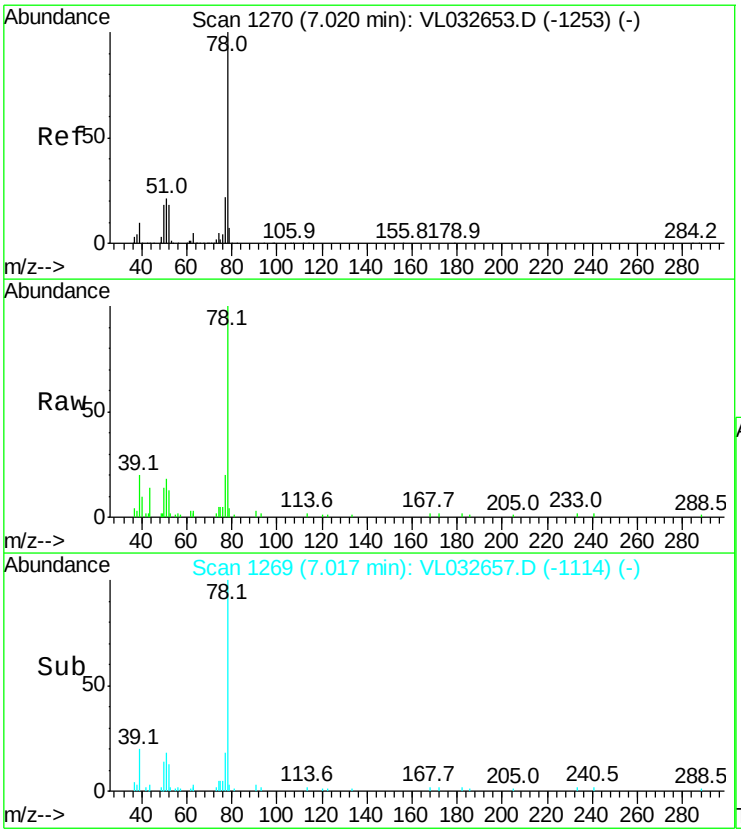
#35
Carbon Tetrachloride
Concen: 0.092 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:117 Resp: 28943

Ion	Ratio	Lower	Upper
117	100		
119	89.8	75.7	113.5
121	35.3	24.7	37.1

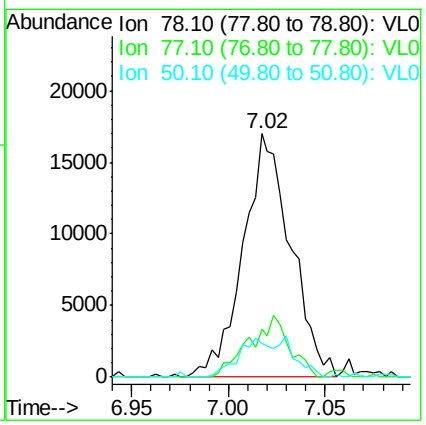


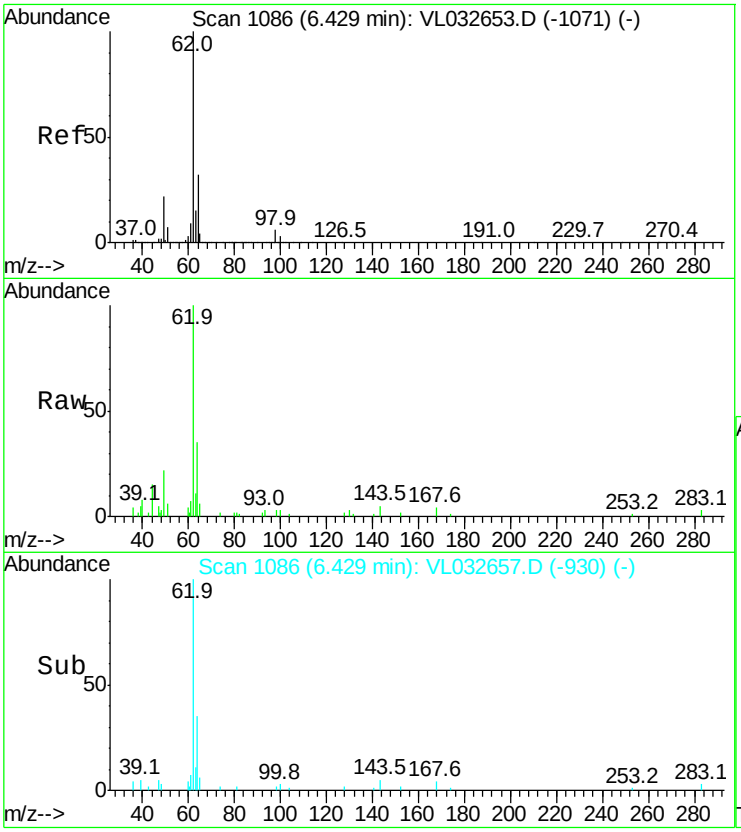


#36
Benzene
Concen: 0.088 ppbv
RT: 7.02 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 78 Resp: 29069

Ion	Ratio	Lower	Upper
78	100		
77	19.8	18.1	27.1
50	13.7	15.1	22.7#



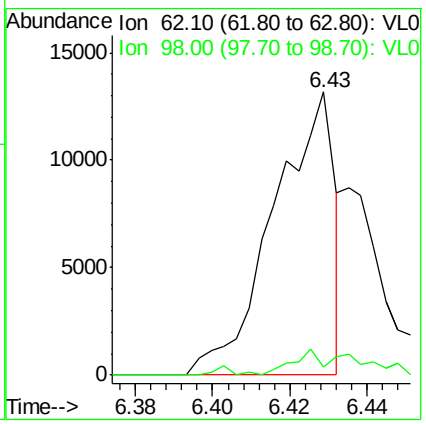


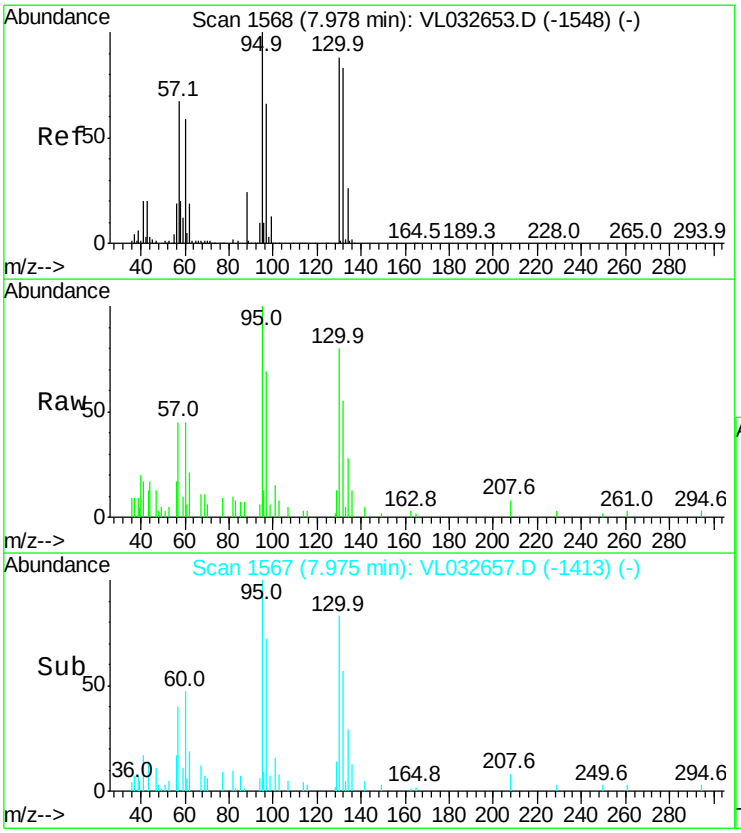
#37
1,2-Dichloroethane
Concen: 0.063 ppbv
RT: 6.43 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 62 Resp: 14387

Ion	Ratio	Lower	Upper
62	100		
98	10.2	4.4	6.6#

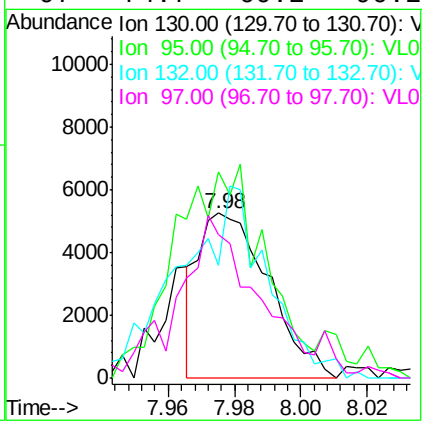


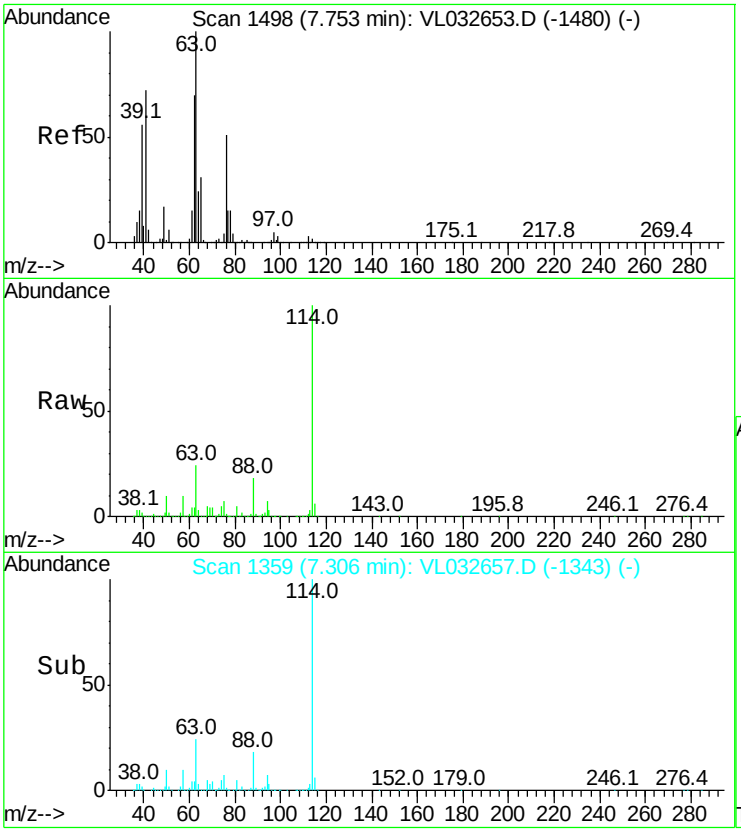


#38
Trichloroethene
Concen: 0.062 ppbv
RT: 7.98 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:130 Resp: 7667

Ion	Ratio	Lower	Upper
130	100		
95	98.2	93.4	140.0
132	62.7	76.5	114.7#
97	74.7	60.2	90.2



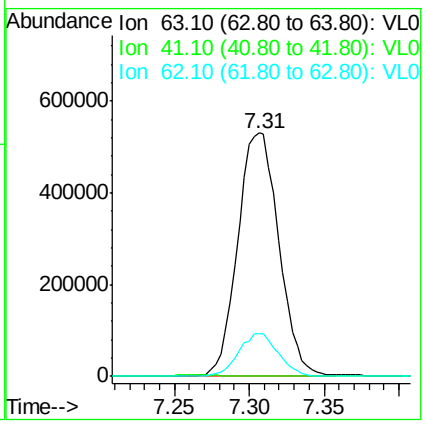


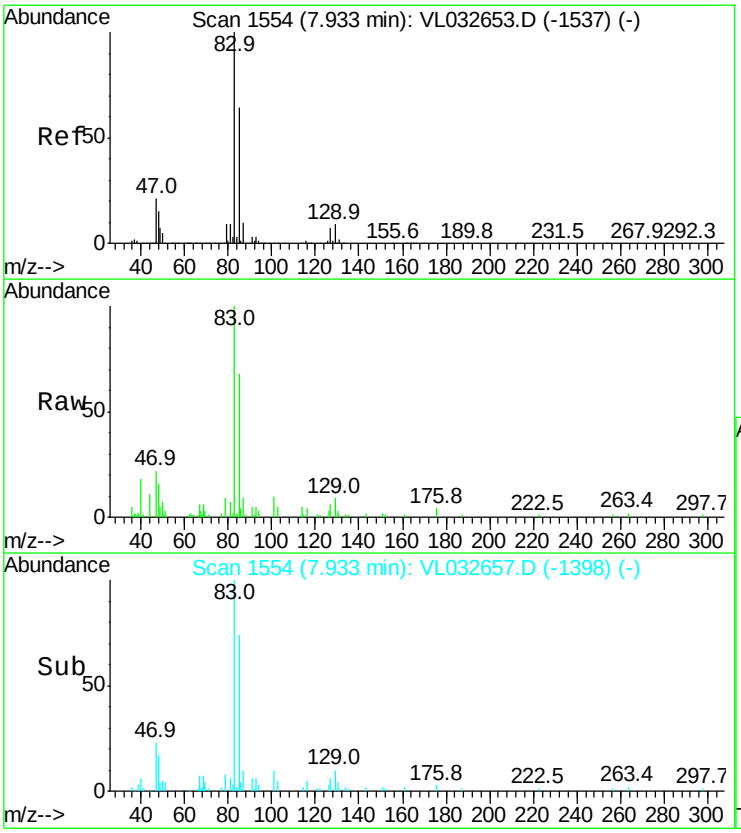
#39
1,2-Dichloropropane
Concen: 7.535 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.45 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 63 Resp: 1013886

Ion	Ratio	Lower	Upper
63	100		
41	0.1	56.2	84.4#
62	17.4	54.4	81.6#

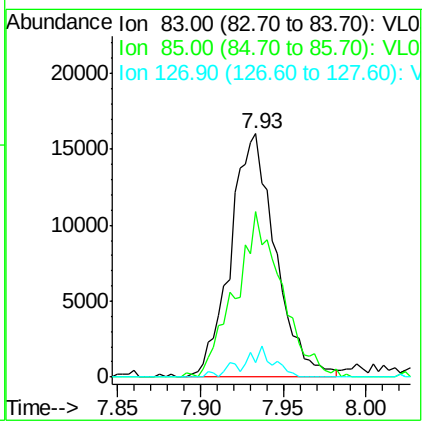


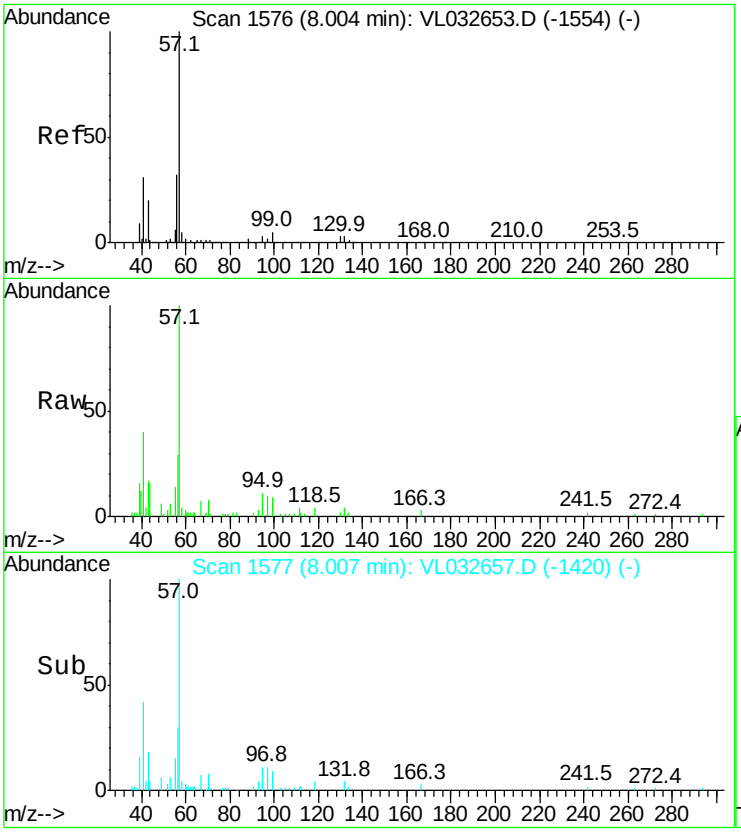


#42
Bromodichloromethane
Concen: 0.098 ppbv
RT: 7.93 min Scan# 1554
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 83 Resp: 30219

Ion	Ratio	Lower	Upper
83	100		
85	66.5	52.4	78.6
127	5.9	6.1	9.1#



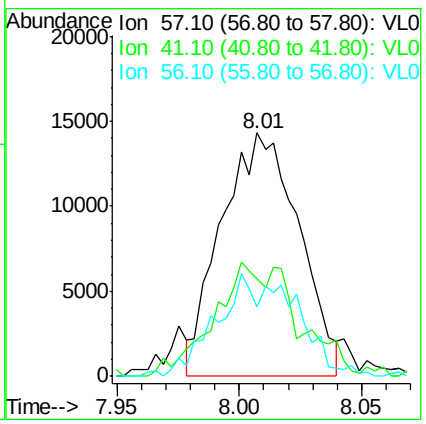


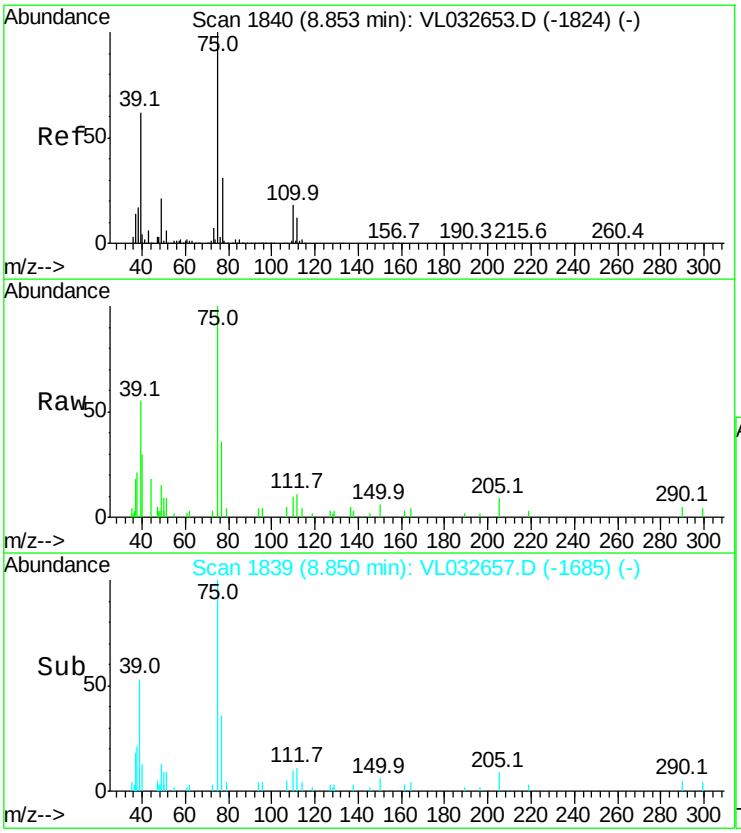
#44
2,2,4-Trimethylpentane
Concen: 0.054 ppbv
RT: 8.01 min Scan# 1577
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.1

Tgt Ion: 57 Resp: 31679

Ion	Ratio	Lower	Upper
57	100		
41	51.1	24.7	37.1#
56	43.6	25.0	37.4#

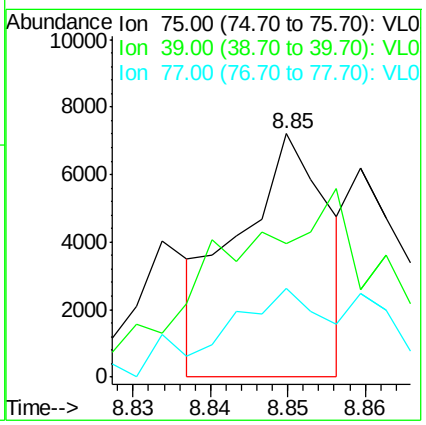


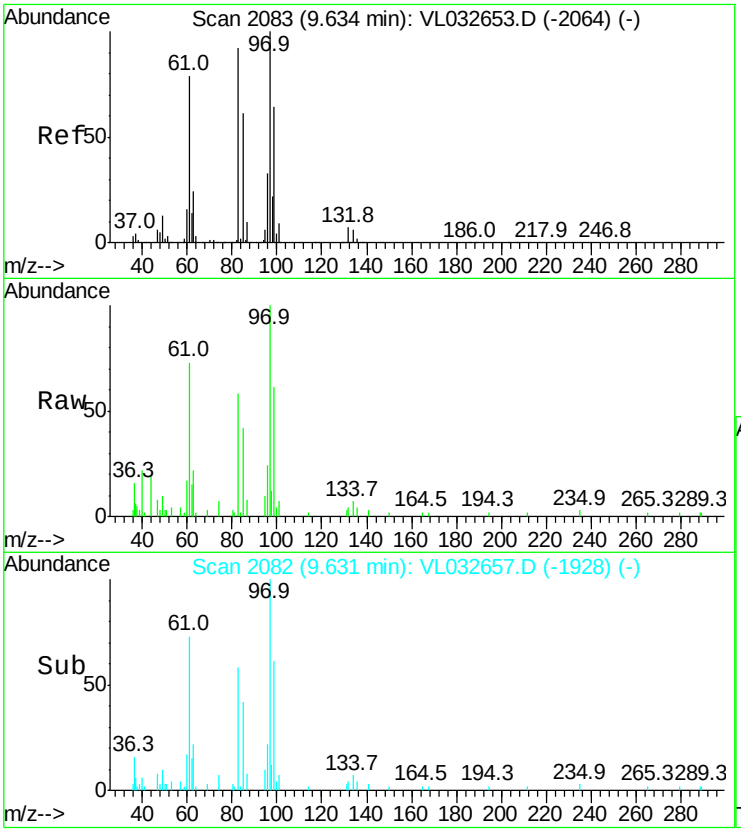


#46
cis-1,3-Dichloropropene
Concen: 0.031 ppbv
RT: 8.85 min Scan# 1839
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 75 Resp: 5844

Ion	Ratio	Lower	Upper
75	100		
39	48.3	50.9	76.3#
77	53.9	25.8	38.6#



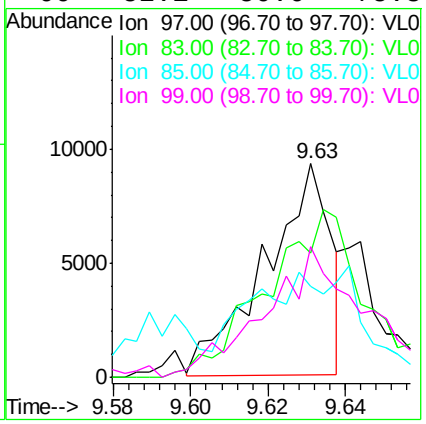


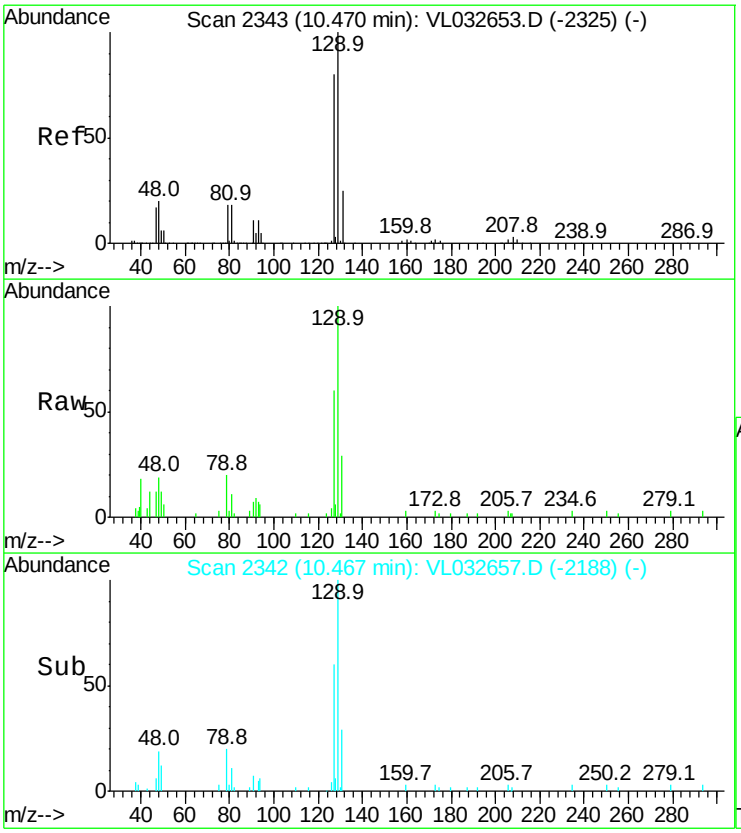
#47
1,1,2-Trichloroethane
Concen: 0.068 ppbv
RT: 9.63 min Scan# 2082
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 97 Resp: 10941

Ion	Ratio	Lower	Upper
97	100		
83	51.4	73.5	110.3#
85	18.0	45.8	68.6#
99	52.1	50.6	75.8

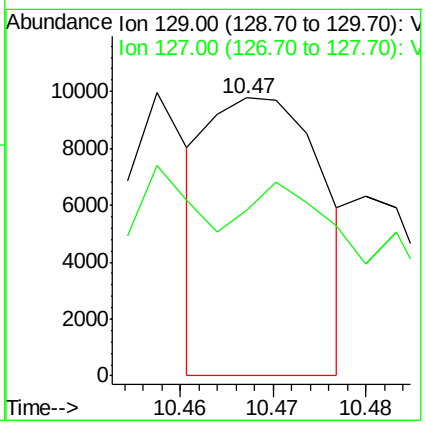


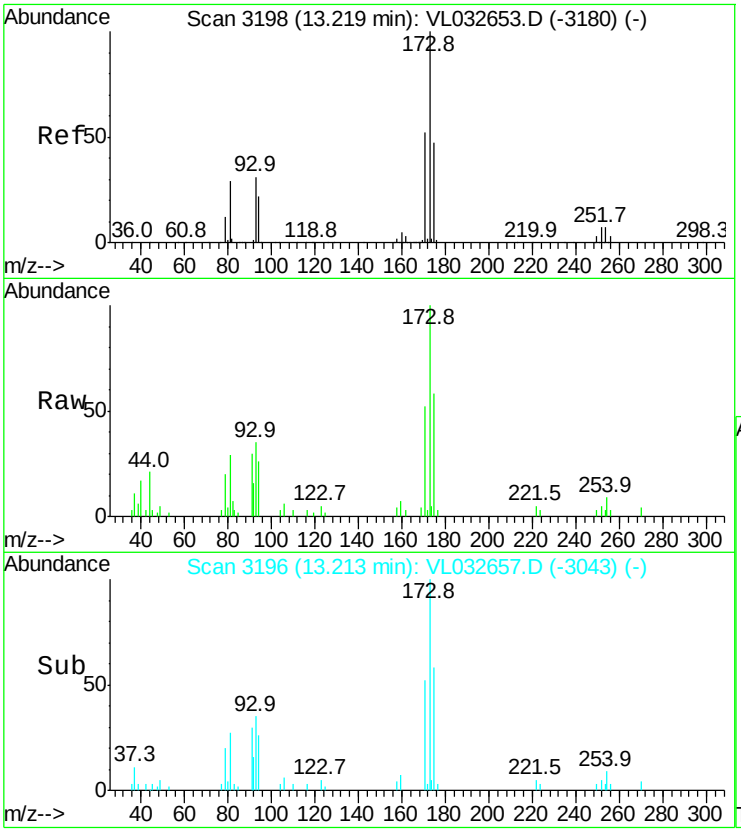


#48
Dibromochloromethane
Concen: 0.030 ppbv
RT: 10.47 min Scan# 2342
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:129 Resp: 8311

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.5#



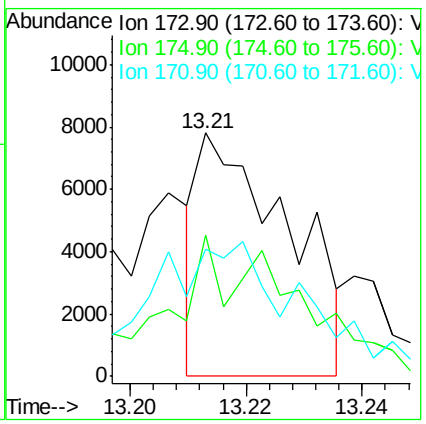


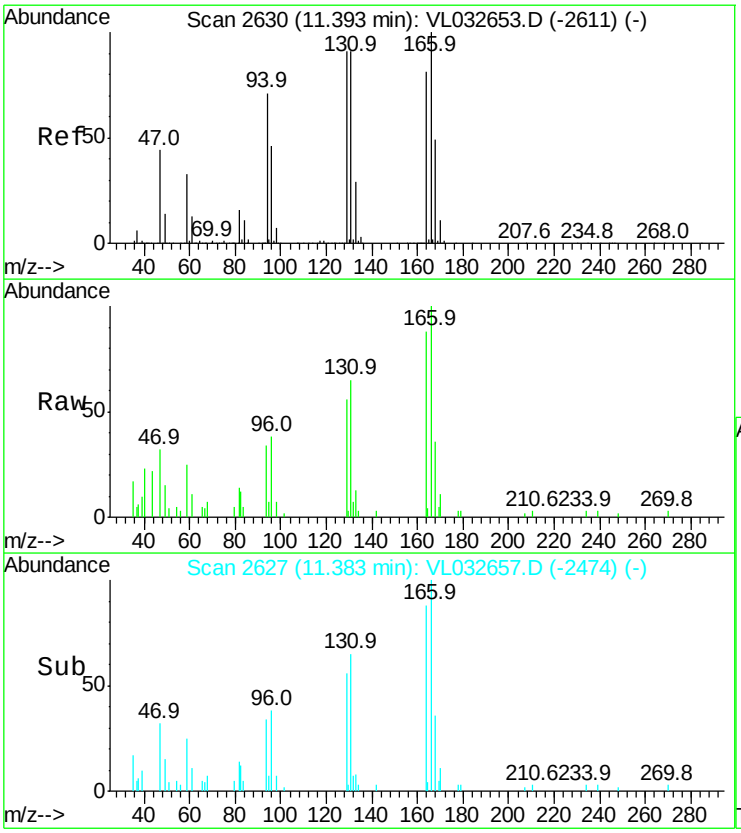
#49
Bromoform
Concen: 0.041 ppbv
RT: 13.21 min Scan# 3196
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:173 Resp: 8422

Ion	Ratio	Lower	Upper
173	100		
175	92.0	39.0	58.4#
171	105.7	42.2	63.2#

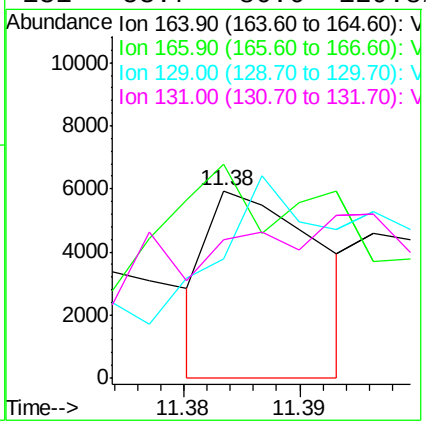


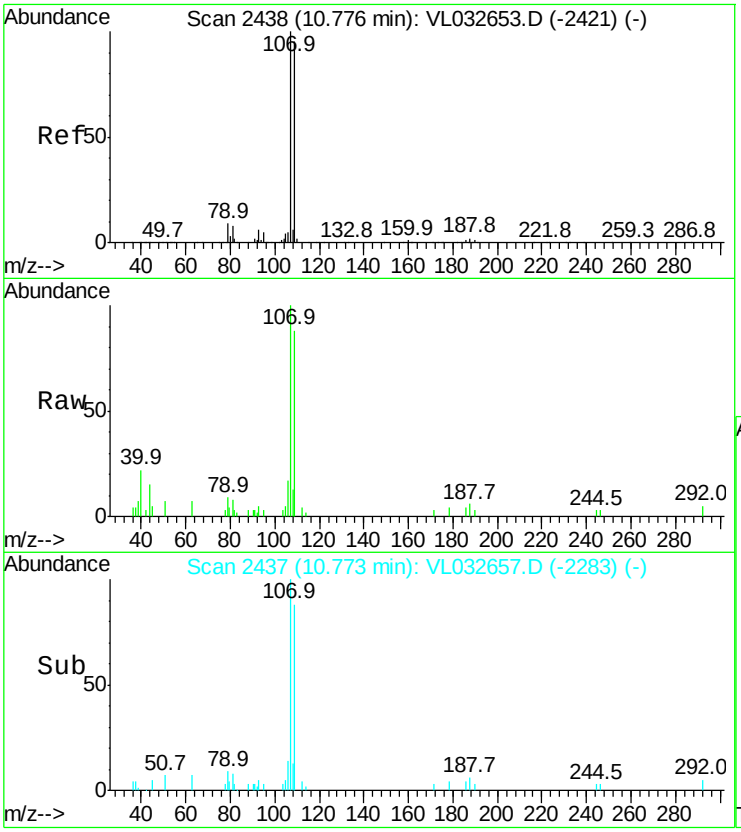


#52
Tetrachloroethene
Concen: 0.035 ppbv
RT: 11.38 min Scan# 2627
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:164 Resp: 3865

Ion	Ratio	Lower	Upper
164	100		
166	34.5	100.5	150.7#
129	23.8	90.0	135.0#
131	53.7	86.6	129.8#



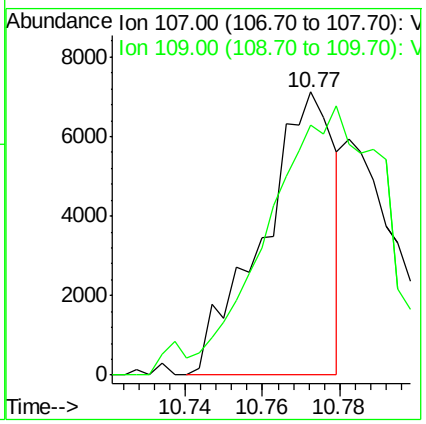


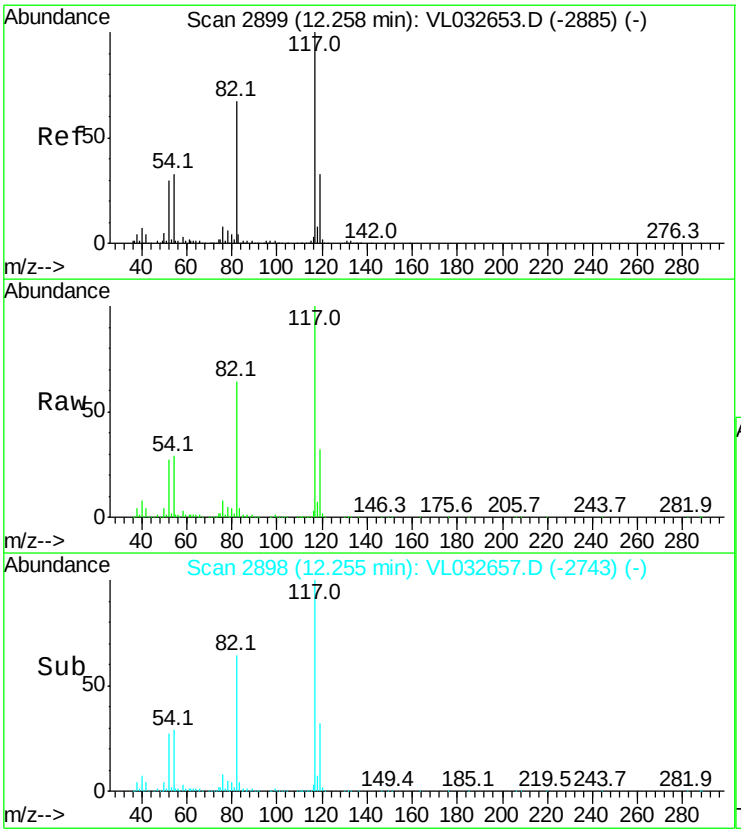
#54
1,2-Dibromoethane
Concen: 0.040 ppbv
RT: 10.77 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:107 Resp: 9153

Ion	Ratio	Lower	Upper
107	100		
109	81.9	75.3	112.9

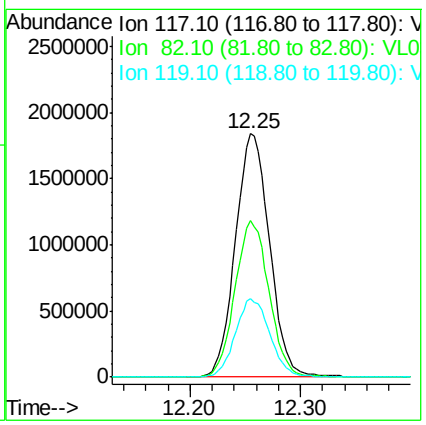


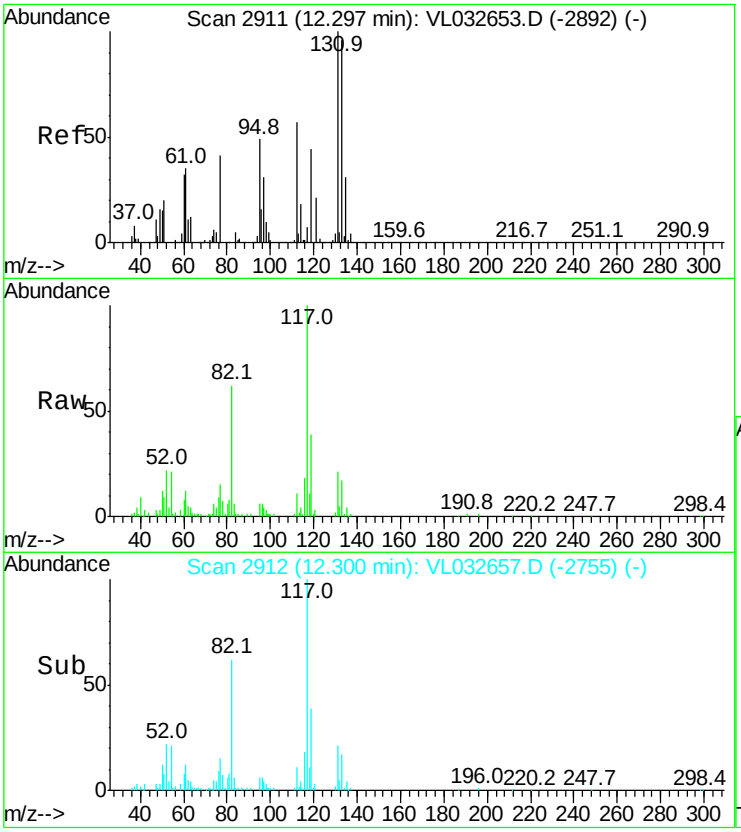


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:117 Resp: 3950297

Ion	Ratio	Lower	Upper
117	100		
82	64.5	52.7	79.1
119	32.7	26.7	40.1



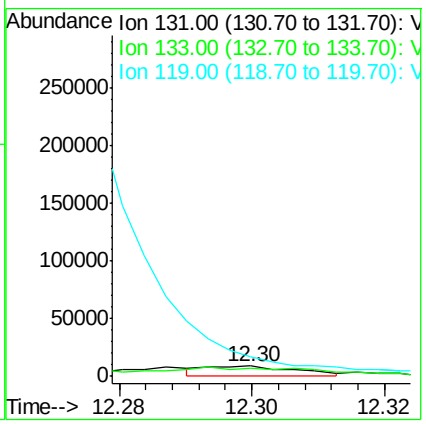


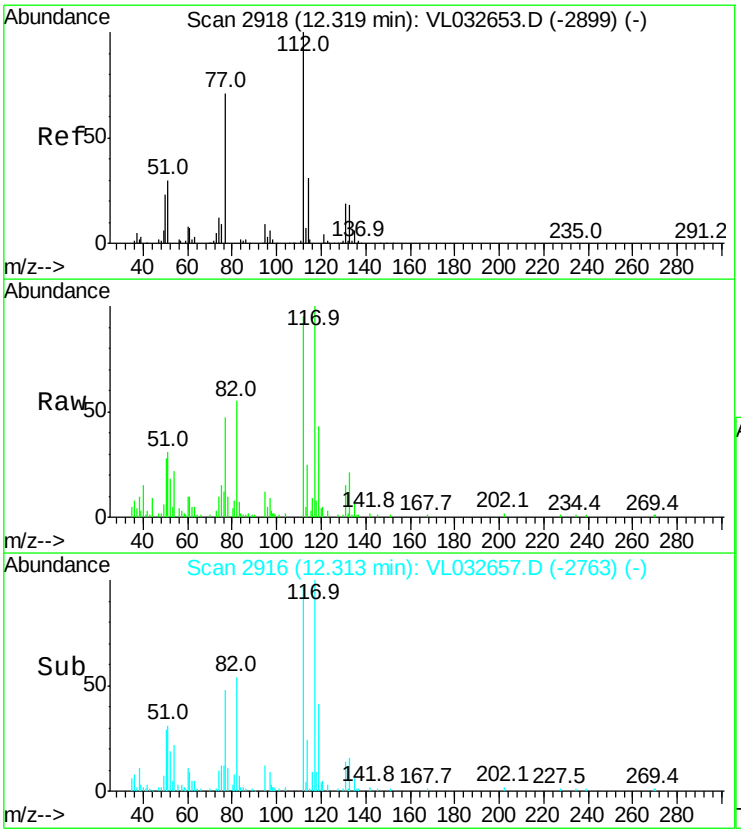
#56
1,1,1,2-Tetrachloroethane
Concen: 0.047 ppbv
RT: 12.30 min Scan# 2912
Delta R.T. 0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:131 Resp: 8442

Ion	Ratio	Lower	Upper
131	100		
133	209.6	75.4	113.2#
119	0.0	49.1	73.7#

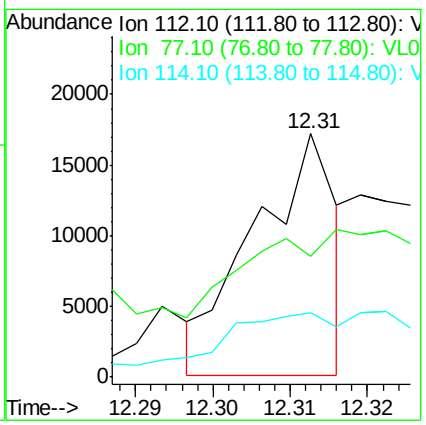


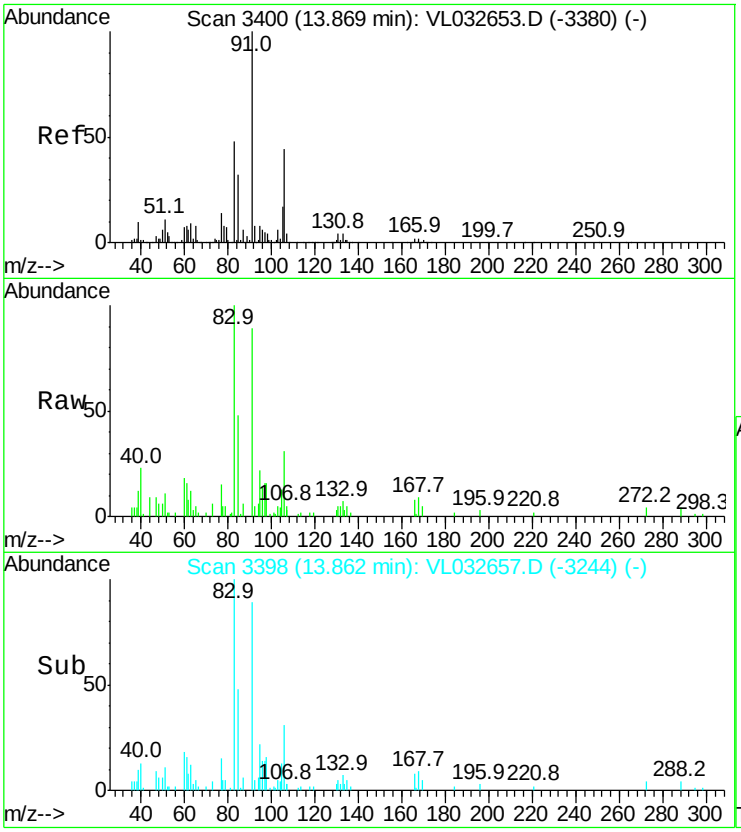


#57
Chlorobenzene
Concen: 0.042 ppbv
RT: 12.31 min Scan# 2916
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:112 Resp: 12516

Ion	Ratio	Lower	Upper
112	100		
77	32.7	56.8	85.2#
114	23.8	30.3	37.1#



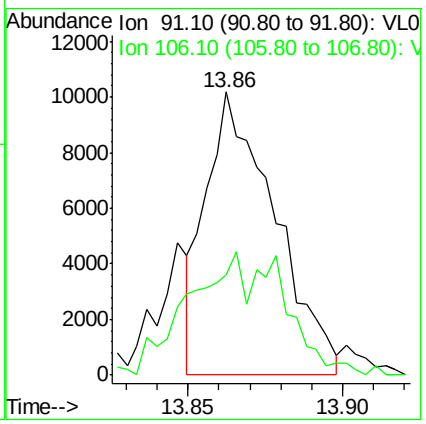


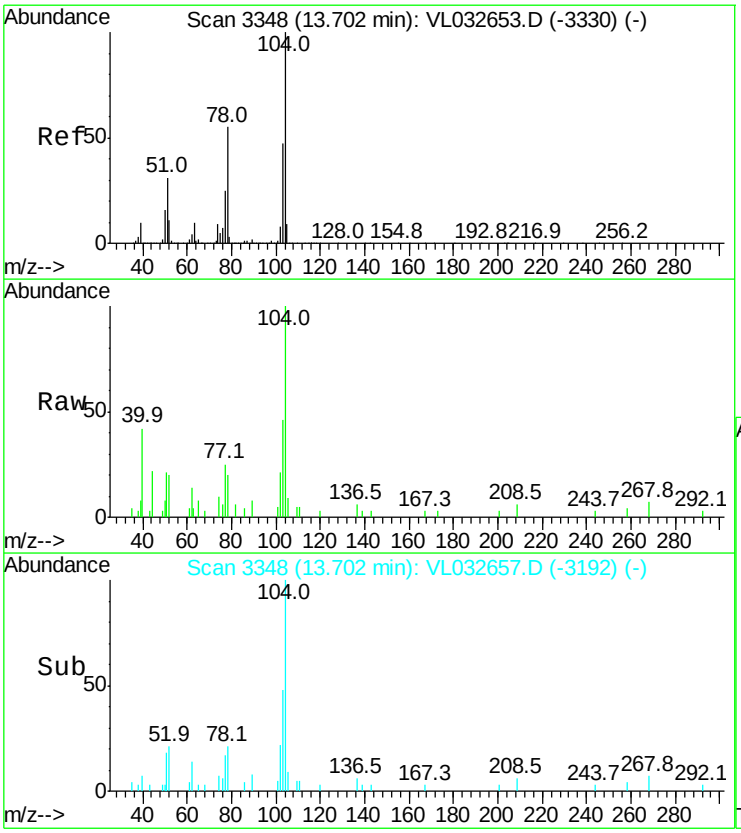
#60
o-Xylene
Concen: 0.040 ppbv
RT: 13.86 min Scan# 3398
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 91 Resp: 15763

Ion	Ratio	Lower	Upper
91	100		
106	60.7	22.1	66.1

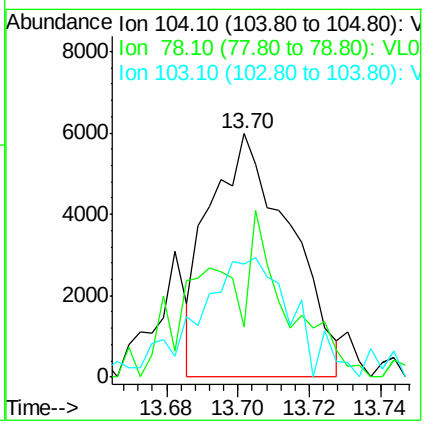


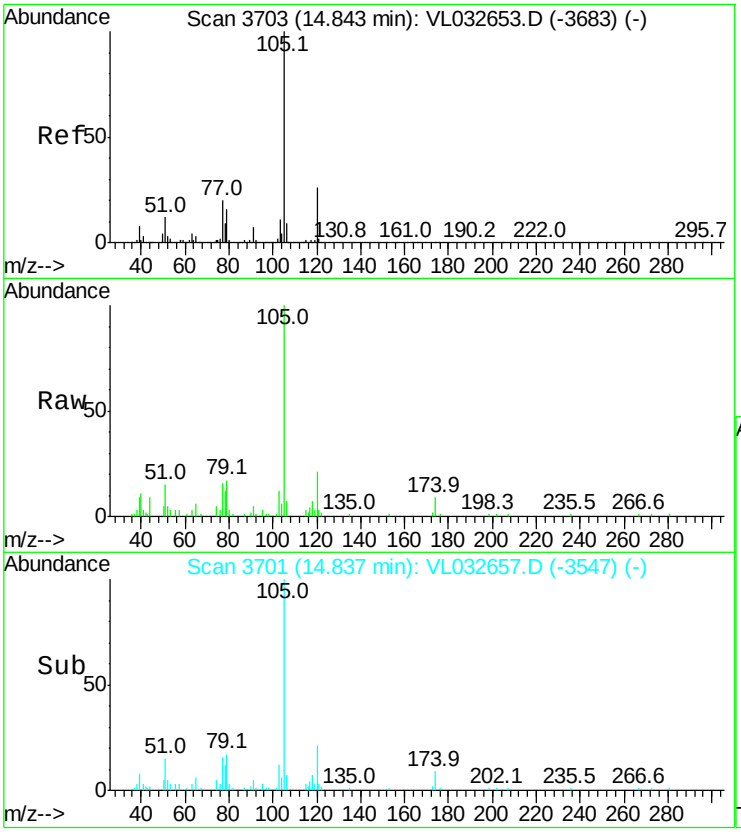


#61
Styrene
Concen: 0.039 ppbv
RT: 13.70 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion:104 Resp: 9353

Ion	Ratio	Lower	Upper
104	100		
78	69.7	42.8	64.2#
103	63.3	37.4	56.0#



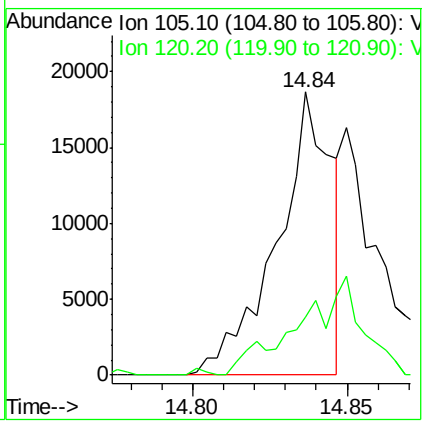


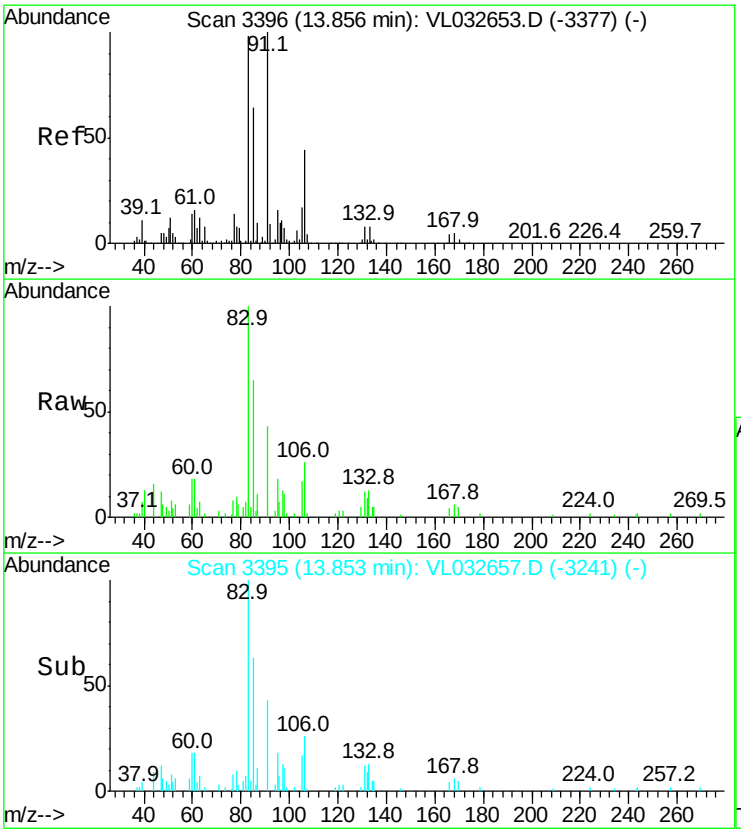
#62
Isopropylbenzene
Concen: 0.040 ppbv
RT: 14.84 min Scan# 3701
Delta R.T. -0.01 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:105 Resp: 22725

Ion	Ratio	Lower	Upper
105	100		
120	0.0	20.5	30.7#

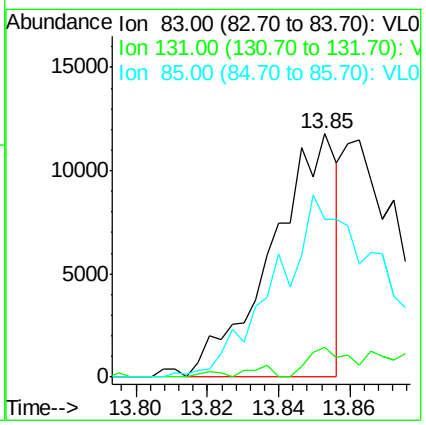


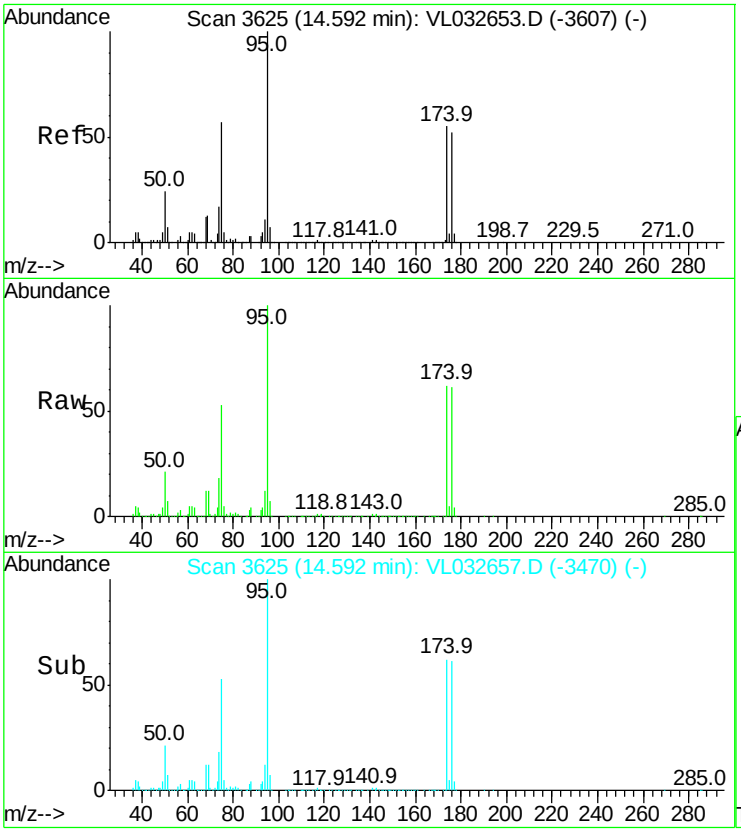


#63
1,1,2,2-Tetrachloroethane
Concen: 0.043 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 83 Resp: 14934

Ion	Ratio	Lower	Upper
83	100		
131	16.7	4.3	12.9#
85	132.7	32.3	96.9#



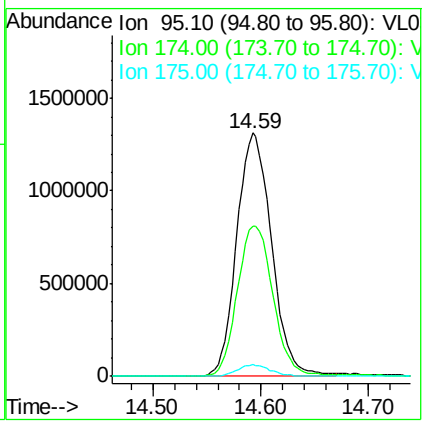


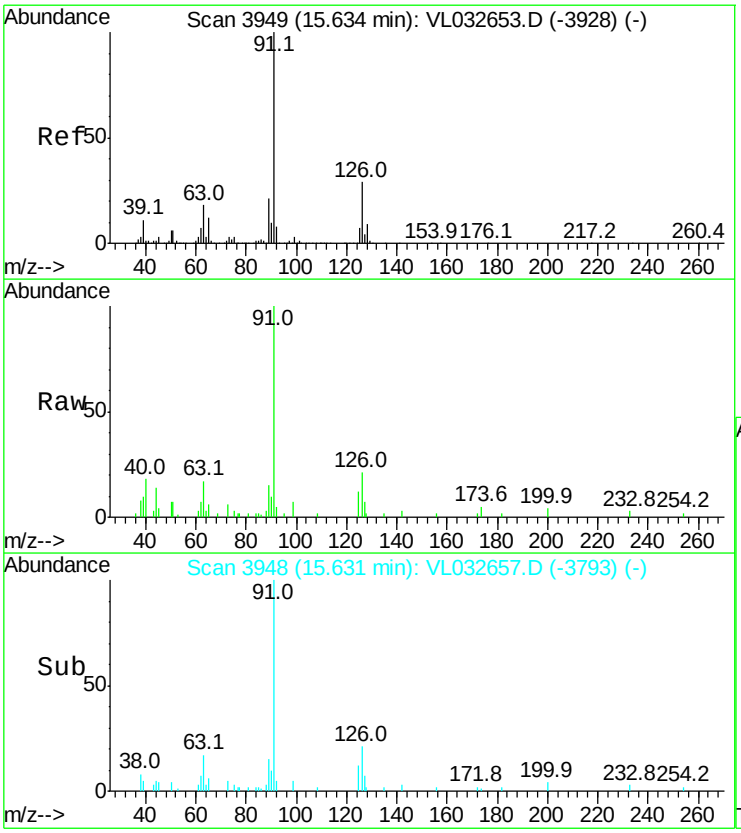
#68
1-Bromo-4-Fluorobenzene
Concen: 9.938 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion: 95 Resp: 2955810

Ion	Ratio	Lower	Upper
95	100		
174	64.3	46.0	69.0
175	4.6	3.4	5.0

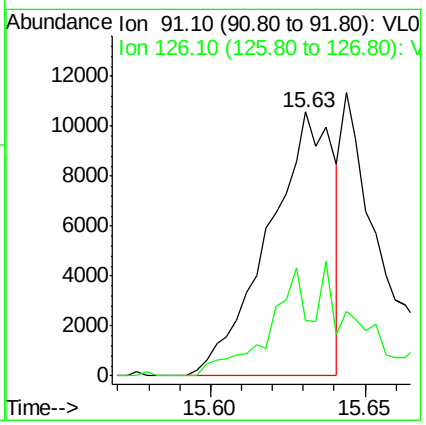


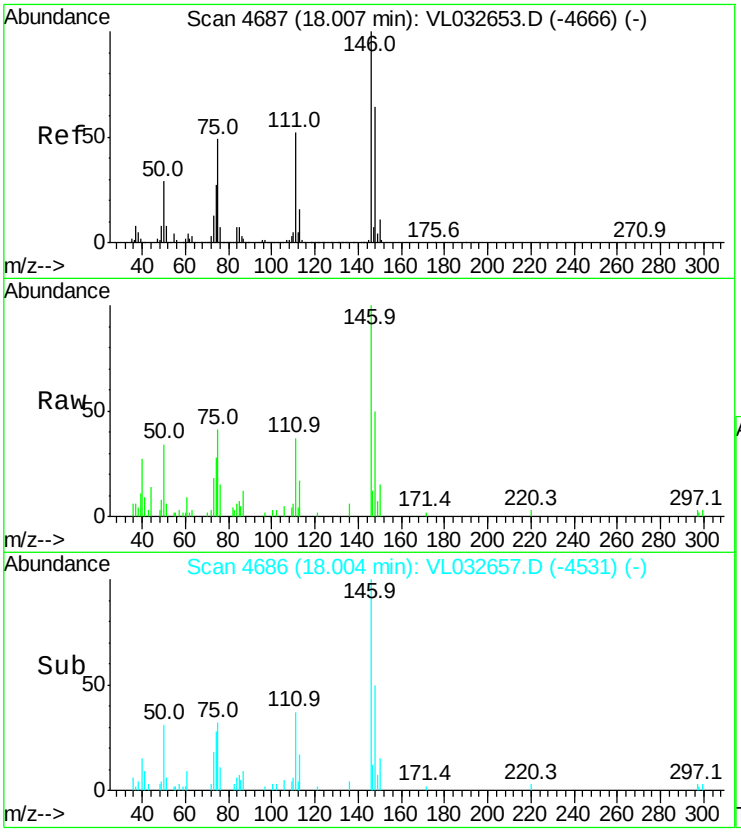


#71
2-Chlorotoluene
Concen: 0.037 ppbv
RT: 15.63 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Tgt Ion: 91 Resp: 15404

Ion	Ratio	Lower	Upper
91	100		
126	0.0	11.8	47.4#





#77
1,2-Dichlorobenzene
Concen: 0.033 ppbv
RT: 18.00 min Scan# 4686
Delta R.T. -0.00 min
Lab File: VL032657.D
Acq: 18 Oct 2018 18:40

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.1

Tgt Ion:146 Resp: 8734

Ion	Ratio	Lower	Upper
146	100		
111	110.0	25.3	75.8#
148	0.0	31.9	95.9#