Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032512.D
Acq On : 20 Sep 2018 18:22
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:35:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.80	49	1530542	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.33	114	3556275	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.28	117	4442121	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.61	95	2752289	8.35	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 83.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.10	85	1221557	6.239	ppbv		100
3) Chlorodifluoromethane	3.03	51	1179967	8.517	ppbv		97
4) Chloromethane	3.19	50	703736	8.389	ppbv		99
5) Vinyl Chloride	3.31	62	666090	8.044	ppbv		98
6) Bromomethane	3.54	94	399187	9.184	ppbv		99
7) Chloroethane	3.62	64	251755	8.784	ppbv		100
8) Dichlorotetrafluoroethane	3.24	85	1401246	8.064	ppbv		98
9) Propene	3.06	41	640127	11.454	ppbv		99
10) Heptane	8.28	43	2137373	10.660	ppbv		99
11) Trichlorofluoromethane	4.03	101	1418254	8.034	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.58	101	1234132	10.317	ppbv		99
13) Ethanol	3.67	45	151371	8.689	ppbv		98
14) Bromoethene	3.81	108	481636	9.503	ppbv		99
15) Acetone	3.93	43	1256389	9.116	ppbv		99
16) 1,3-Butadiene	3.38	39	523826	8.077	ppbv		97
17) tert-Butyl alcohol	4.38	59	207234	9.770	ppbv	#	100
18) 1,1-Dichloroethene	4.38	96	614342	11.237	ppbv		97
19) Isopropyl Alcohol	4.05	45	904890	10.008	ppbv	#	97
20) Methylene Chloride	4.44	84	546917	10.407	ppbv		99
21) Allyl Chloride	4.51	41	1067846	11.665	ppbv		100
22) trans-1,2-Dichloroethene	4.99	96	575395	9.700	ppbv		98
23) Vinyl Acetate	5.18	43	2661128	11.648	ppbv		99
24) 1,1-Dichloroethane	5.12	63	1833400	9.739	ppbv		99
25) Ethyl Acetate	5.80	43	3243729	9.966	ppbv		100
26) Hexane	5.81	57	1485782	10.195	ppbv		98
27) Carbon Disulfide	4.65	76	1558439	11.584	ppbv		100
28) Methyl tert-Butyl Ether	5.14	73	2076966	11.607	ppbv		99
29) Chloroform	5.88	83	2123809	9.558	ppbv		98
30) Cyclohexane	7.28	84	1305470	12.233	ppbv		100
31) cis-1,2-Dichloroethene	5.67	61	1453917	11.017	ppbv		98
32) 1,1,1-Trichloroethane	6.66	97	2198292	10.613	ppbv		97
34) 2-Butanone	5.36	43	2162770	9.156	ppbv		99
35) Carbon Tetrachloride	7.17	117	2159752	9.036	ppbv		99
36) Benzene	7.04	78	3021802	9.985	ppbv		99
37) 1,2-Dichloroethane	6.45	62	1701178	9.173	ppbv		99
38) Trichloroethene	8.00	130	1071401	9.319	ppbv		98
39) 1,2-Dichloropropane	7.78	63	1304165	10.072	ppbv		96
40) 1,4-Dioxane	7.99	88	430318	11.077	ppbv	#	1
41) Tetrahydrofuran	6.18	42	1382531	10.751	ppbv		99
42) Bromodichloromethane	7.96	83	2473151	9.668	ppbv		99
43) Methyl Methacrylate	8.17	69	1322377	10.299	ppbv		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032512.D
Acq On : 20 Sep 2018 18:22
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:35:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.03	57	5568411	9.517	ppbv		99
45) t-1,3-Dichloropropene	9.45	75	1803724	13.129	ppbv		98
46) cis-1,3-Dichloropropene	8.88	75	2023786	11.528	ppbv		99
47) 1,1,2-Trichloroethane	9.65	97	1354751	9.841	ppbv		99
48) Dibromochloromethane	10.49	129	2189958	11.486	ppbv		100
49) Bromoform	13.25	173	1646145	9.933	ppbv		99
50) 4-Methyl-2-Pentanone	8.90	43	3442010	9.673	ppbv		99
51) 2-Hexanone	10.31	43	3031295	13.225	ppbv	#	99
52) Tetrachloroethene	11.41	164	959637	10.226	ppbv		96
53) Toluene	9.98	91	3860409	12.203	ppbv		99
54) 1,2-Dibromoethane	10.80	107	2016588	10.910	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.32	131	1452459	7.253	ppbv	#	60
57) Chlorobenzene	12.34	112	2595130	7.310	ppbv		98
58) Ethyl Benzene	12.90	91	4827528	9.081	ppbv		99
59) m/p-Xylene	13.19	91	4070515	8.589	ppbv	#	37
60) o-Xylene	13.89	91	3764832	8.087	ppbv		100
61) Styrene	13.72	104	2845173	9.440	ppbv		99
62) Isopropylbenzene	14.87	105	5347442	8.171	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.88	83	2795980	6.717	ppbv		100
64) n-propylbenzene	15.76	120	1363653	7.971	ppbv		97
65) tert-Butylbenzene	16.95	119	4404225	7.810	ppbv		100
66) Benzyl Chloride	17.19	91	2678275	8.525	ppbv		100
67) sec-Butylbenzene	17.50	105	6498771	7.663	ppbv		100
69) p-Isopropyltoluene	17.86	119	5150288	7.836	ppbv		100
70) n-Butylbenzene	18.75	91	5587805	7.500	ppbv		99
71) 2-Chlorotoluene	15.66	91	4181525	8.364	ppbv		99
72) 4-Ethyltoluene	16.04	105	4311167	8.482	ppbv		100
73) 1,3,5-Trimethylbenzene	16.20	105	4095785	8.043	ppbv		95
74) 1,2,4-Trimethylbenzene	16.97	105	4065751	7.303	ppbv		99
75) 1,3-Dichlorobenzene	17.21	146	2243575	6.792	ppbv		99
76) 1,4-Dichlorobenzene	17.35	146	2220005	7.243	ppbv		99
77) 1,2-Dichlorobenzene	18.03	146	2209937	6.934	ppbv		100
78) Hexachloro-1,3-Butadiene	23.58	225	1278073	10.733	ppbv		100
79) Naphthalene	22.45	128	3439607	7.598	ppbv		99
80) Naphthalene,2-methyl-	25.14	142	1151697	9.561	ppbv		99
81) 1,2,4-Trichlorobenzene	22.18	180	862270	3.782	ppbv	#	12

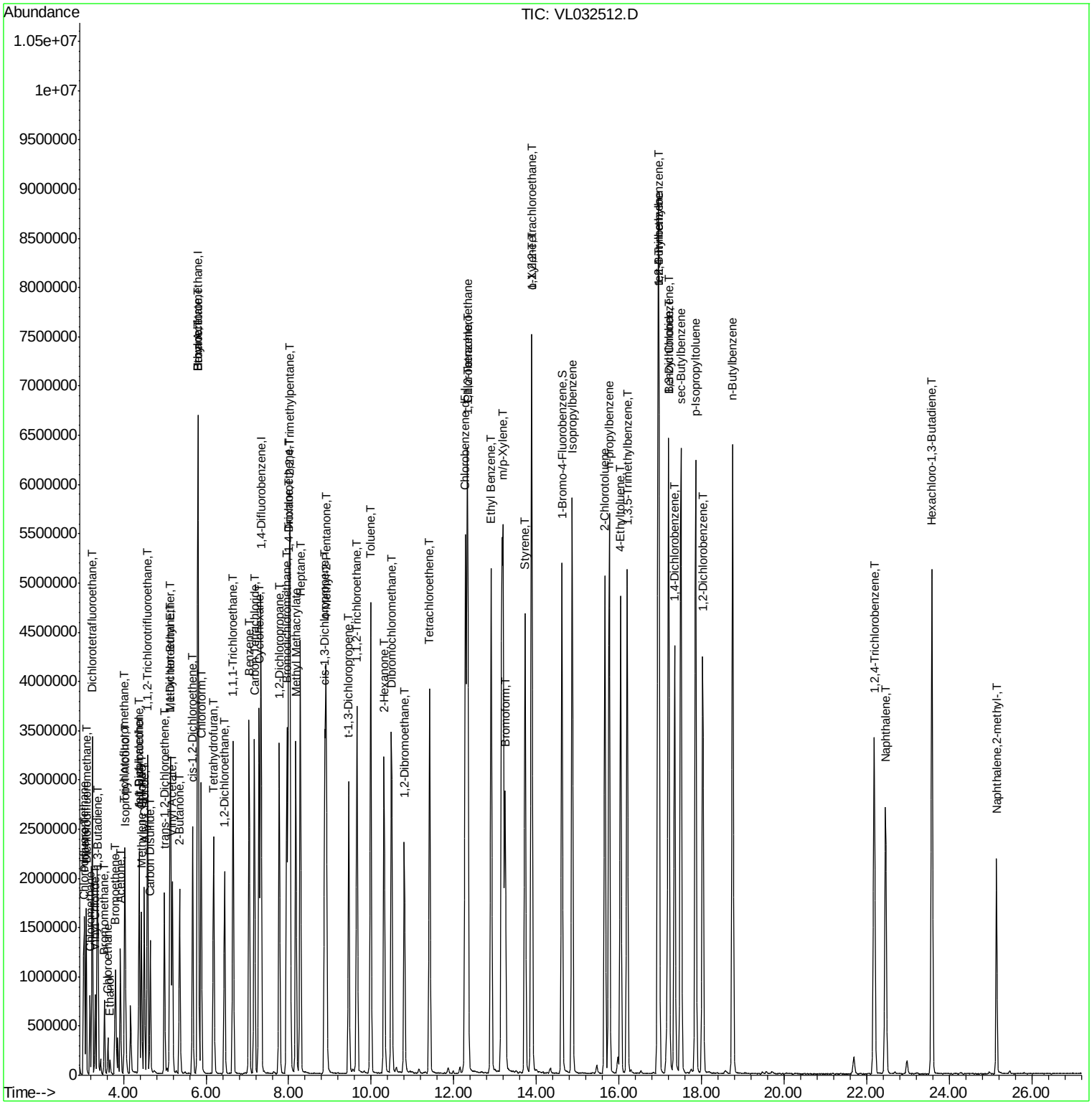
(#) = qualifier out of range (m) = manual integration (+) = signals summed

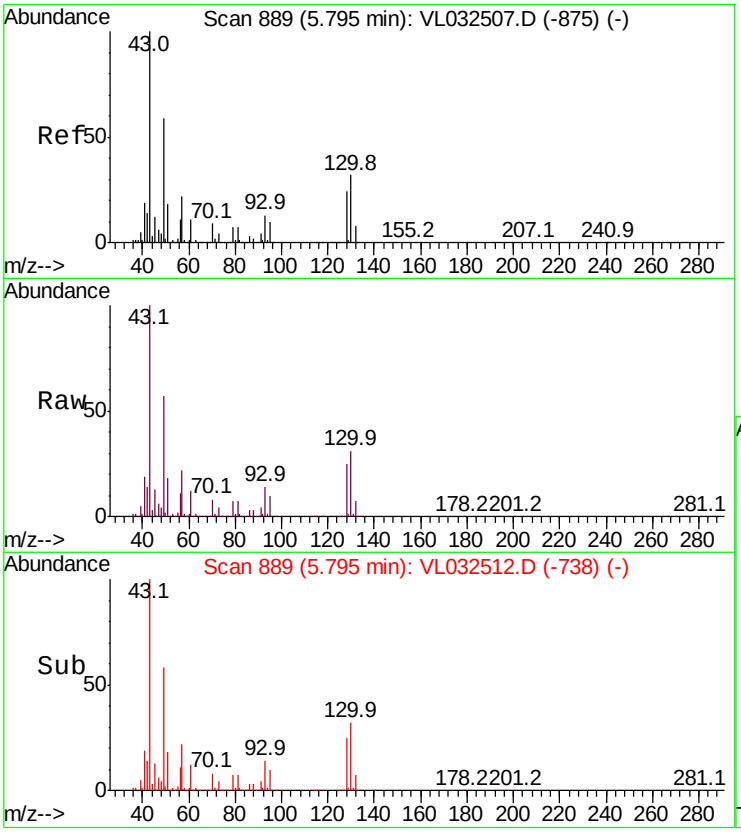
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092018\
Data File : VL032512.D
Acq On : 20 Sep 2018 18:22
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Sep 21 02:35:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL083118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Sep 21 02:33:47 2018
QLast Update : Fri Sep 21 02:33:47 2018
Response via : Initial Calibration



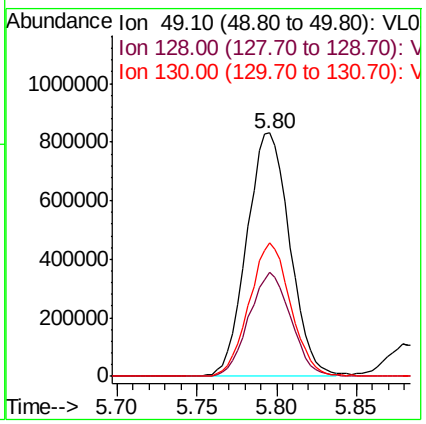


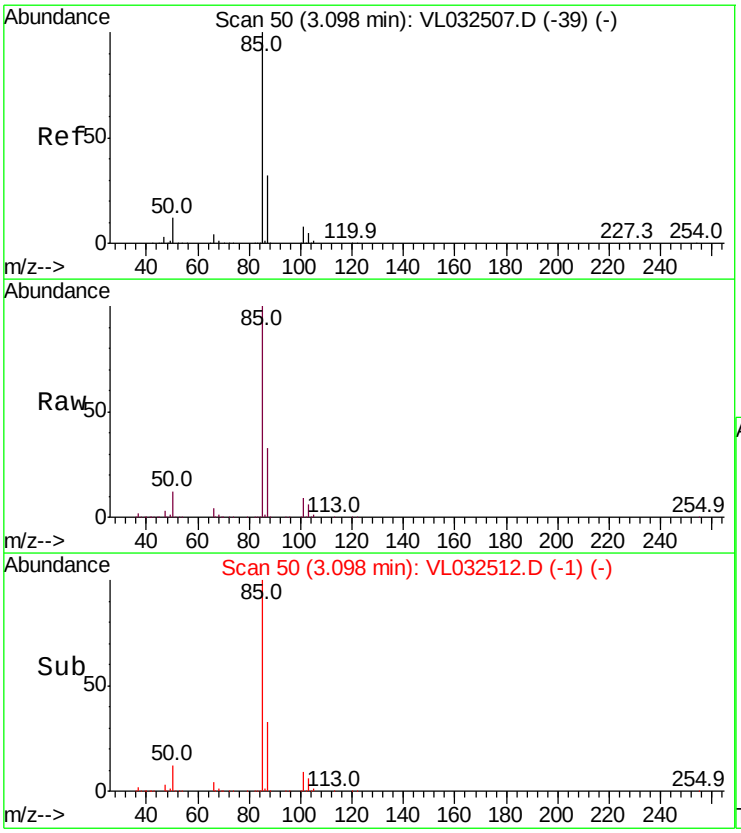
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.80 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1530542

Ion	Ratio	Lower	Upper
49	100		
128	41.6	20.7	62.1
130	53.0	26.6	79.7

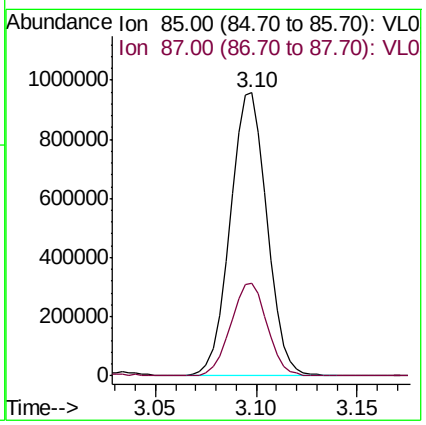


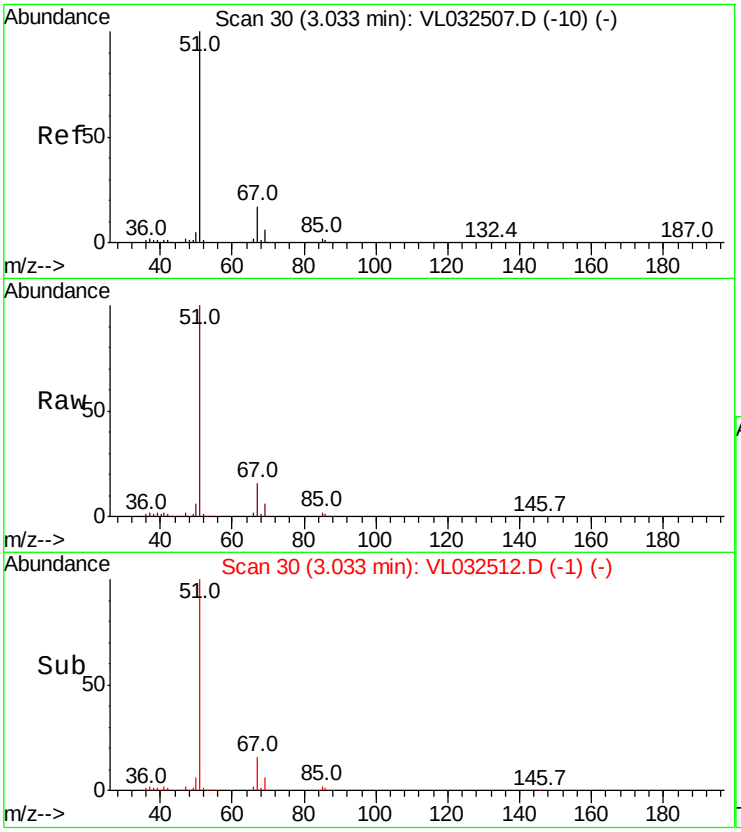


#2
Dichlorodifluoromethane
Concen: 6.239 ppbv
RT: 3.10 min Scan# 50
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 85 Resp: 1221557

Ion	Ratio	Lower	Upper
85	100		
87	32.9	26.2	39.4



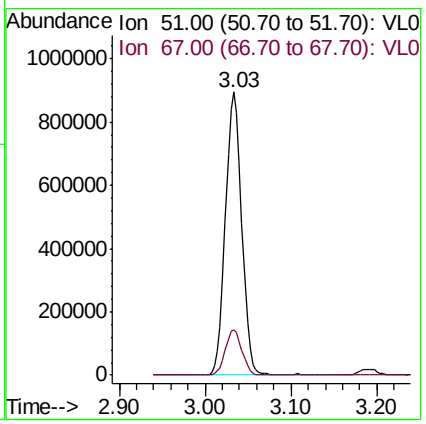


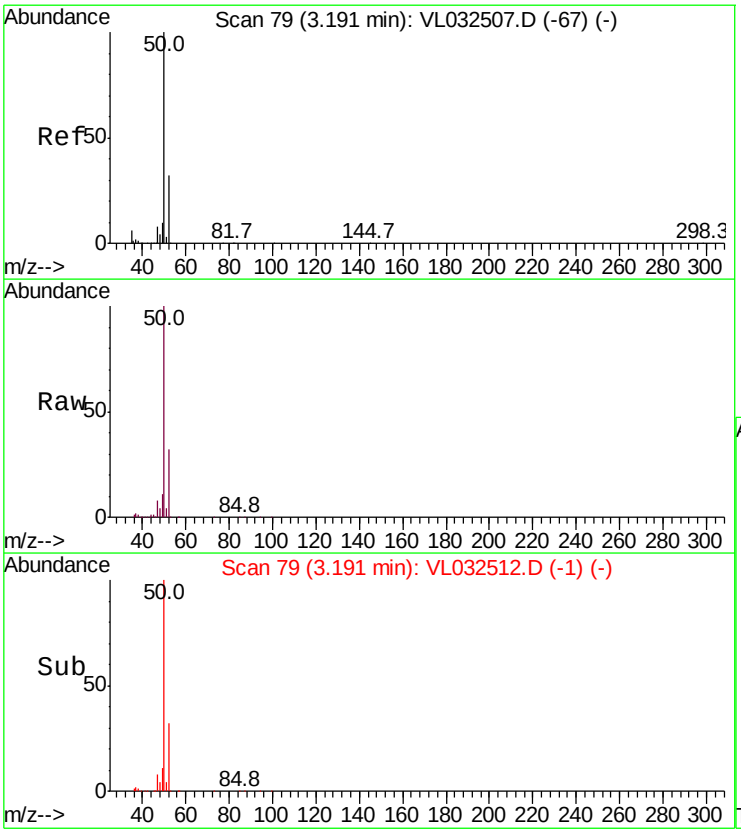
#3
Chlorodifluoromethane
Concen: 8.517 ppbv
RT: 3.03 min Scan# 30
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1179967

Ion	Ratio	Lower	Upper
51	100		
67	16.2	13.8	20.8

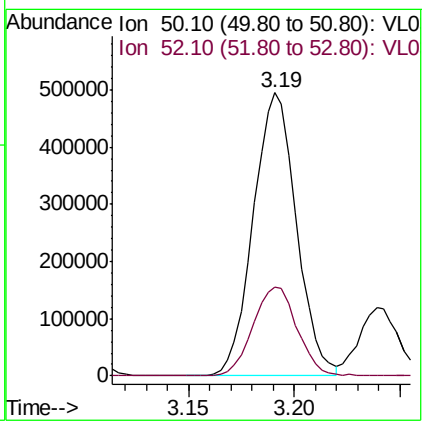


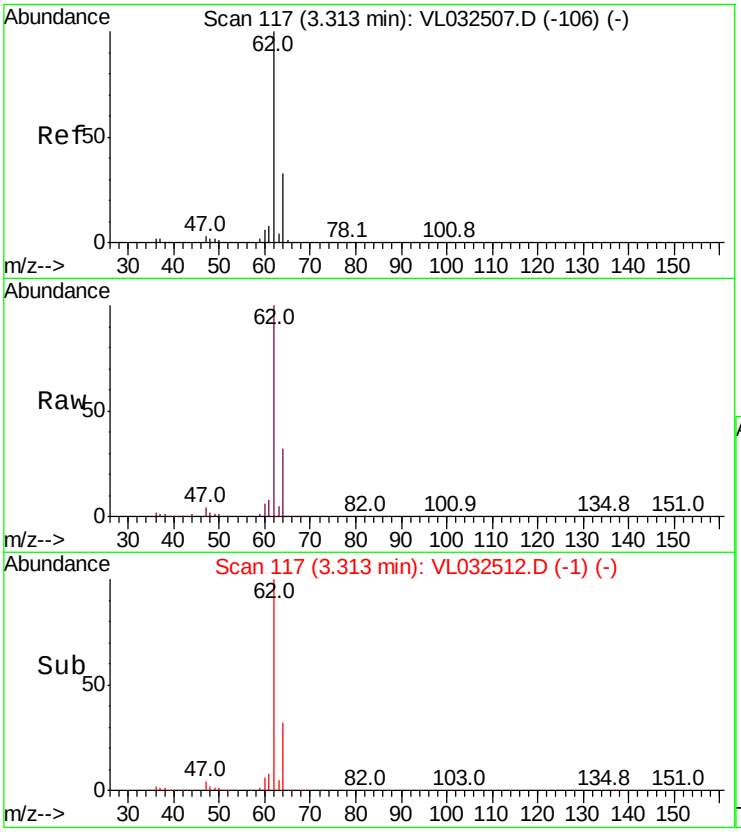


#4
Chloromethane
Concen: 8.389 ppbv
RT: 3.19 min Scan# 79
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 50 Resp: 703736

Ion	Ratio	Lower	Upper
50	100		
52	31.6	25.6	38.4



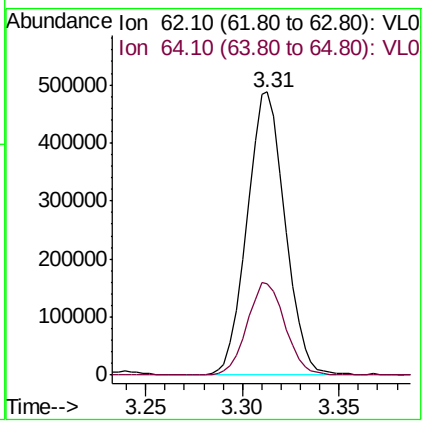


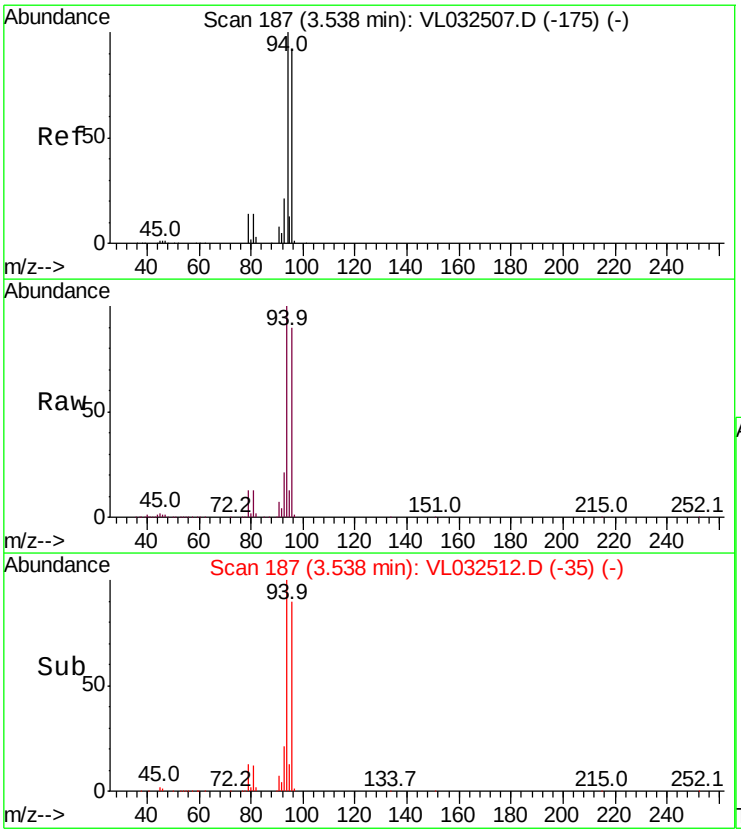
#5
Vinyl Chloride
Concen: 8.044 ppbv
RT: 3.31 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 666090

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.0	37.6

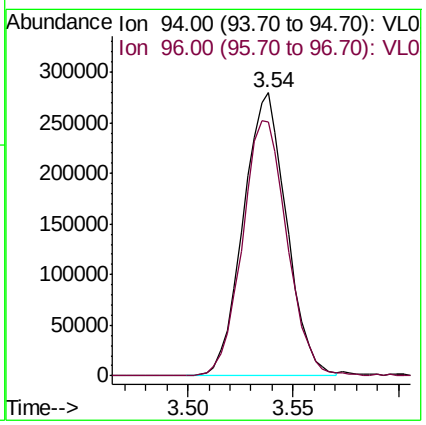


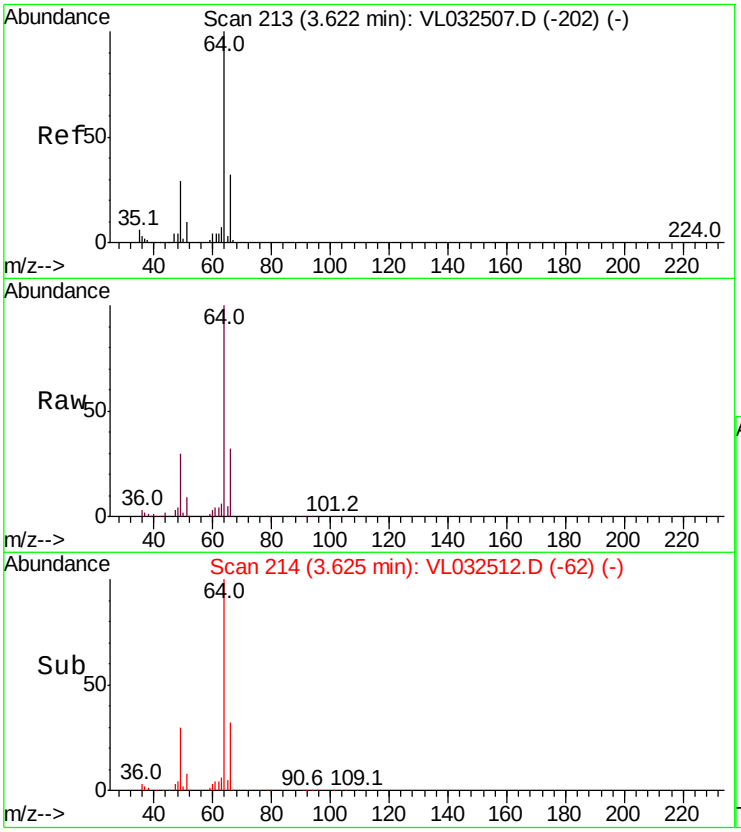


#6
Bromomethane
Concen: 9.184 ppbv
RT: 3.54 min Scan# 187
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 94 Resp: 399187

Ion	Ratio	Lower	Upper
94	100		
96	89.7	72.8	109.2



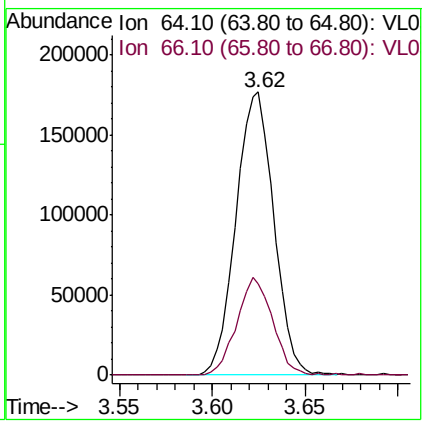


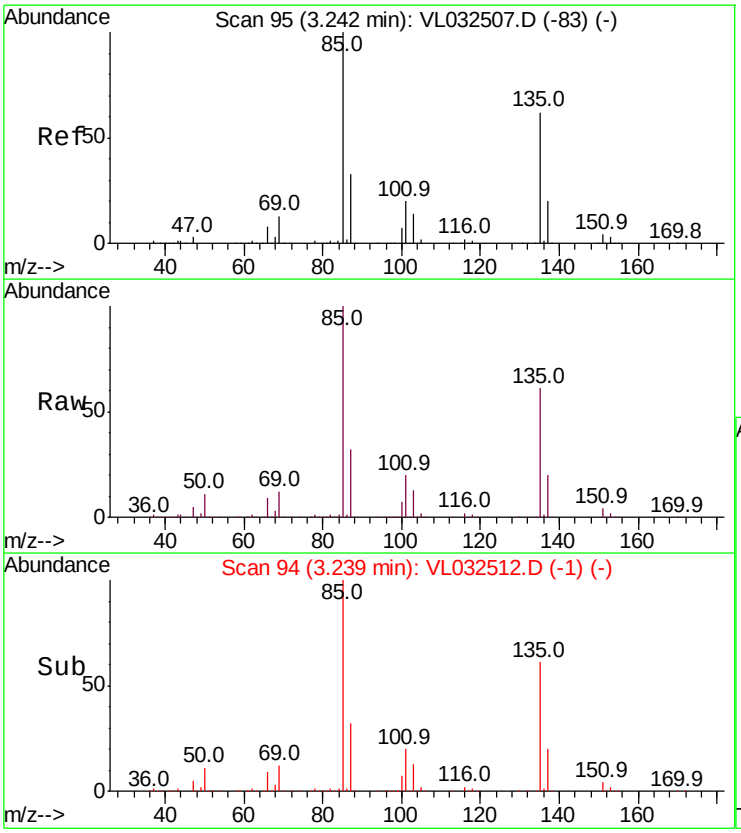
#7
Chloroethane
Concen: 8.784 ppbv
RT: 3.62 min Scan# 214
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 251755

Ion	Ratio	Lower	Upper
64	100		
66	32.4	25.8	38.6

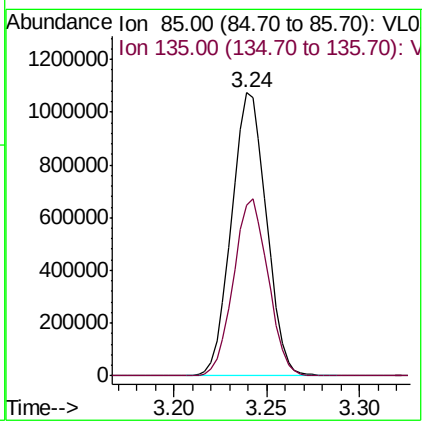


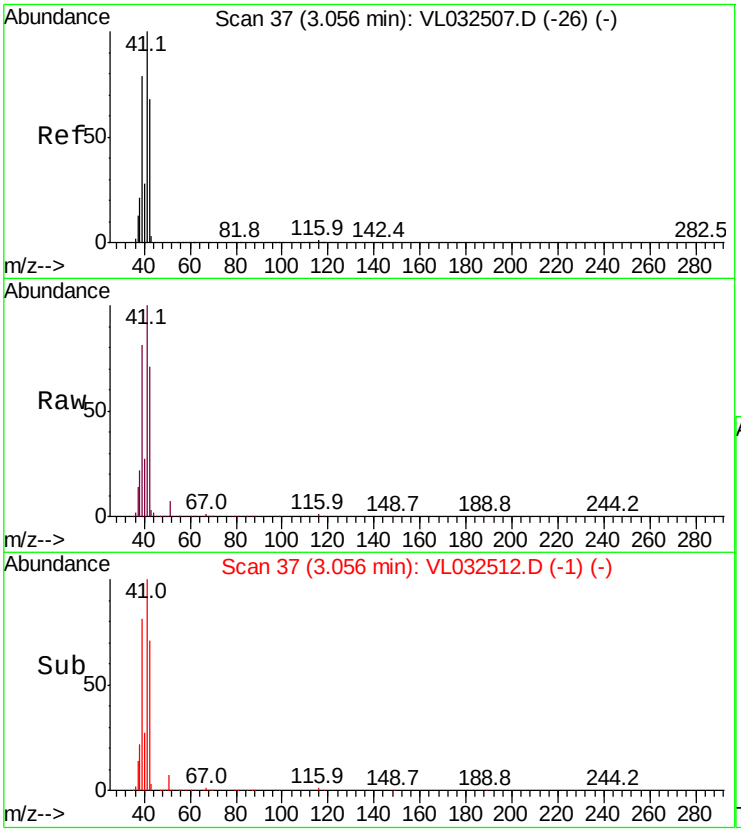


#8
Dichlorotetrafluoroethane
Concen: 8.064 ppbv
RT: 3.24 min Scan# 94
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 85 Resp: 1401246

Ion	Ratio	Lower	Upper
85	100		
135	62.2	48.6	72.8

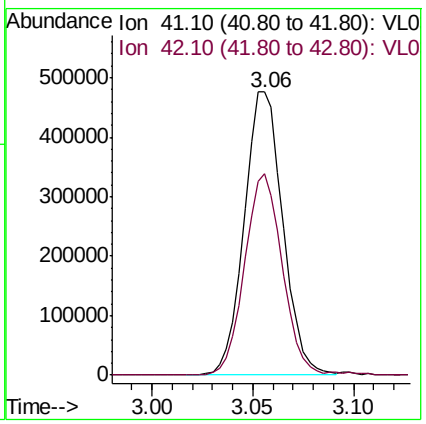




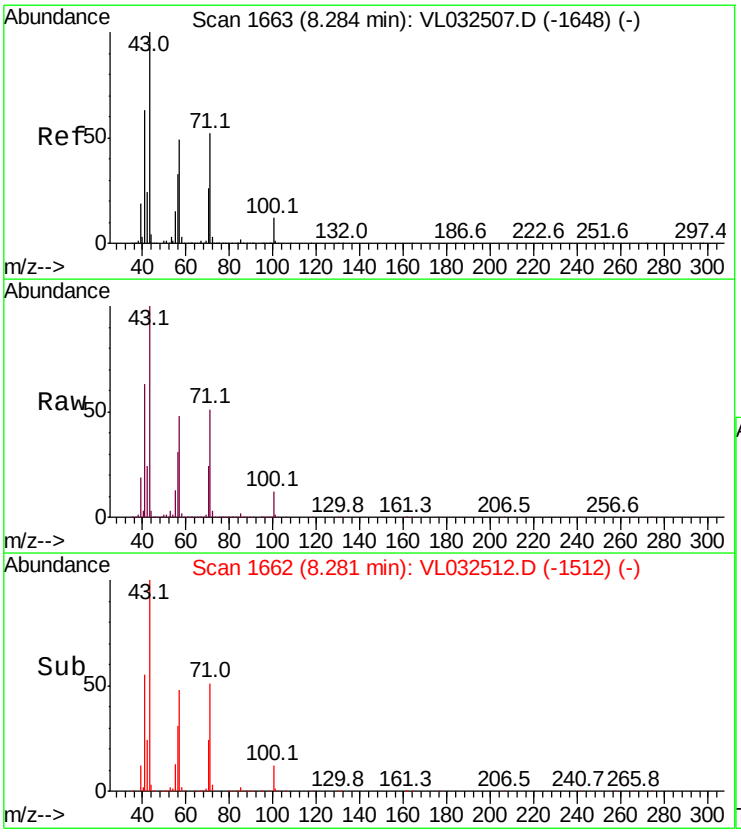
#9
Propene
Concen: 11.454 ppbv
RT: 3.06 min Scan# 37
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 41 Resp: 640127

Ion	Ratio	Lower	Upper
41	100		
42	69.6	56.6	84.8



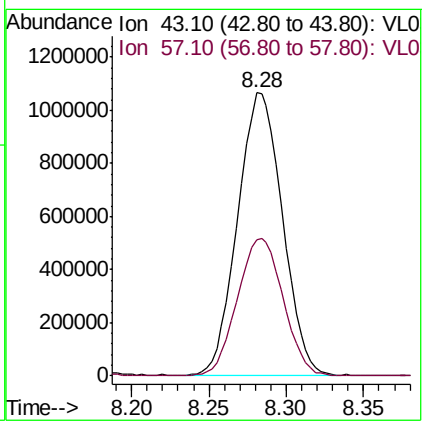
Instrument :
MSVOA_L
ClientSampleId :

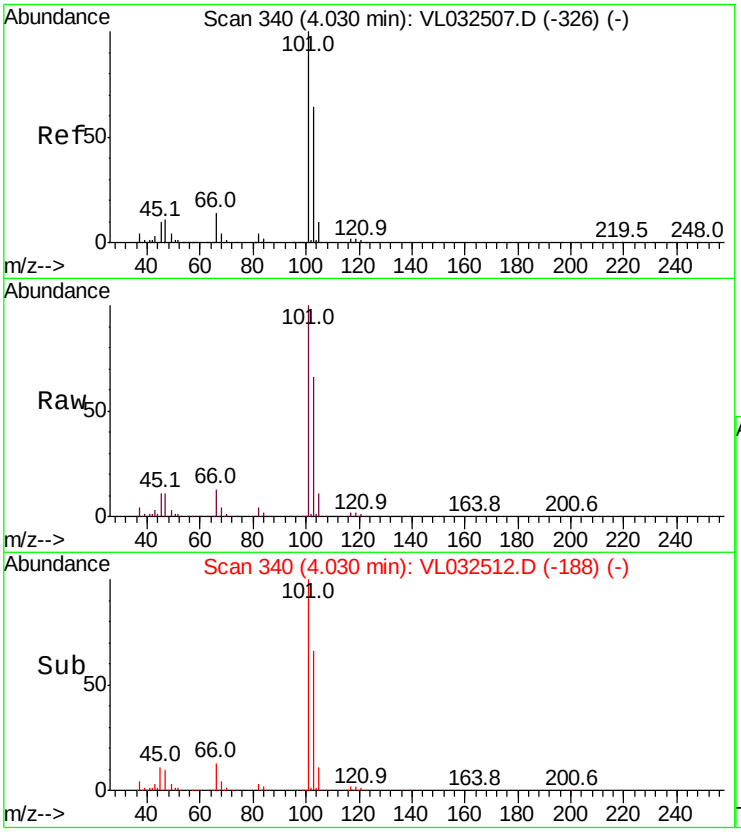


#10
Heptane
Concen: 10.660 ppbv
RT: 8.28 min Scan# 1662
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 43 Resp: 2137373

Ion	Ratio	Lower	Upper
43	100		
57	50.1	39.6	59.4



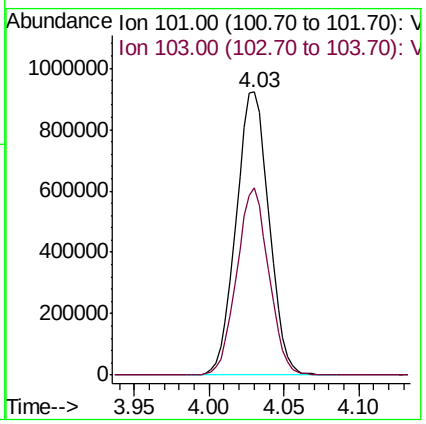


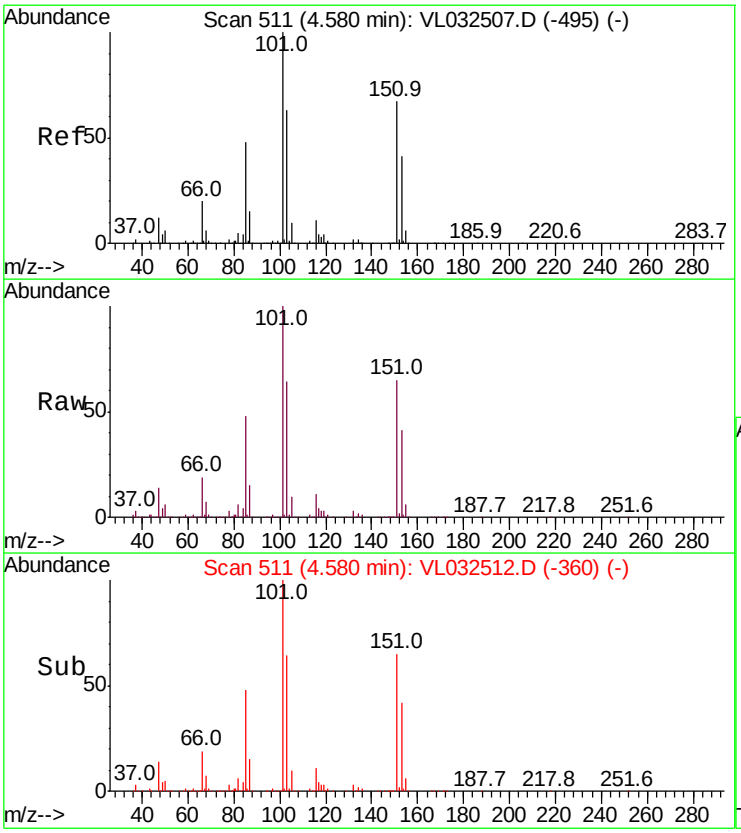
#11
Trichlorofluoromethane
Concen: 8.034 ppbv
RT: 4.03 min Scan# 340
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:101 Resp: 1418254

Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.8	79.2

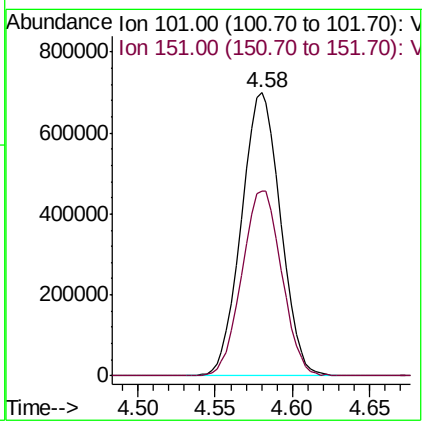


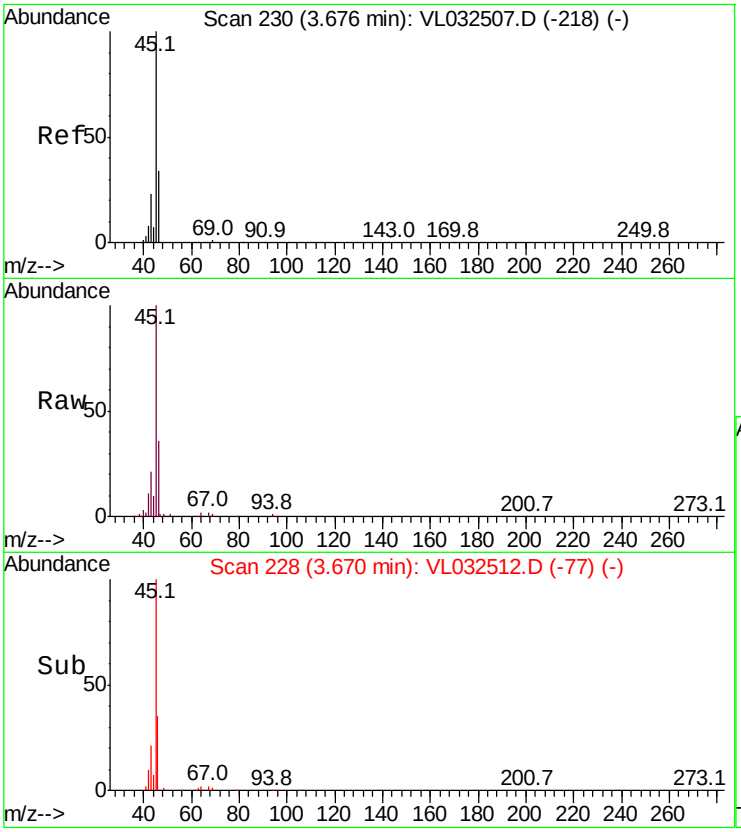


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.317 ppbv
RT: 4.58 min Scan# 511
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:101 Resp: 1234132

Ion	Ratio	Lower	Upper
101	100		
151	66.4	52.6	78.8



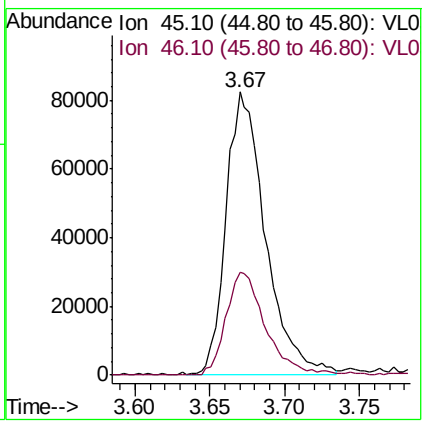


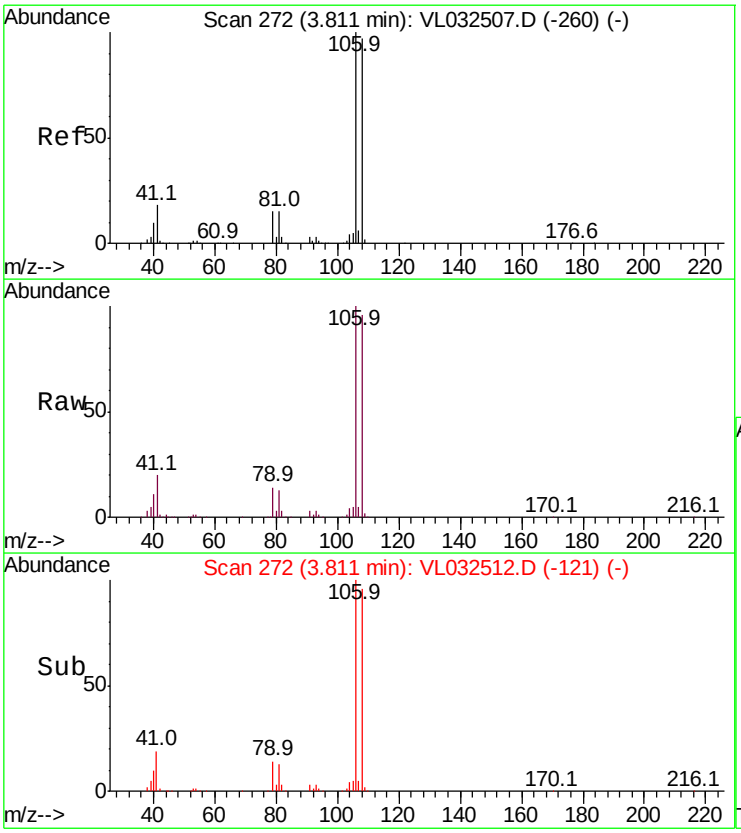
#13
Ethanol
Concen: 8.689 ppbv
RT: 3.67 min Scan# 228
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 151371

Ion	Ratio	Lower	Upper
45	100		
46	36.9	14.2	56.8

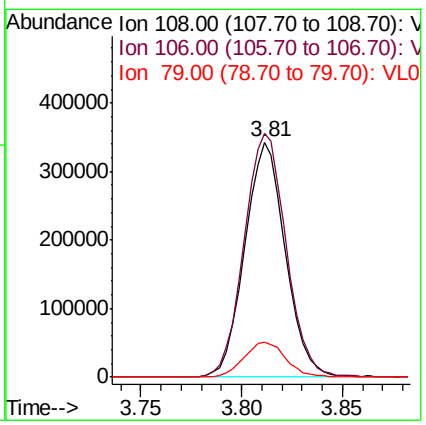


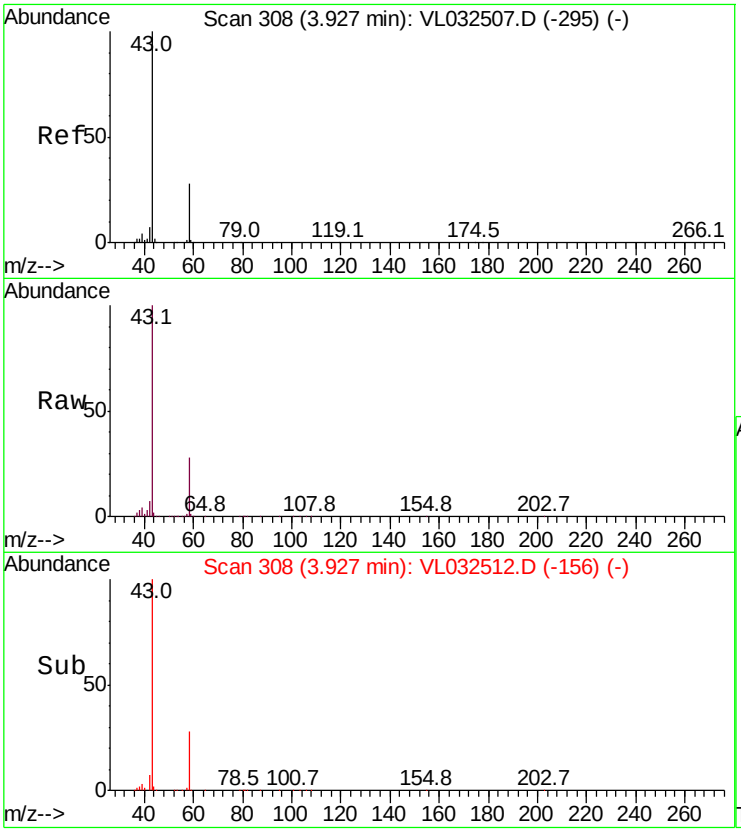


#14
Bromoethene
Concen: 9.503 ppbv
RT: 3.81 min Scan# 272
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:108 Resp: 481636

Ion	Ratio	Lower	Upper
108	100		
106	108.3	85.5	128.3
79	15.6	13.0	19.6



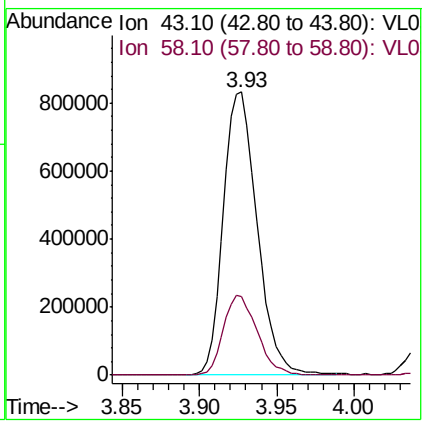


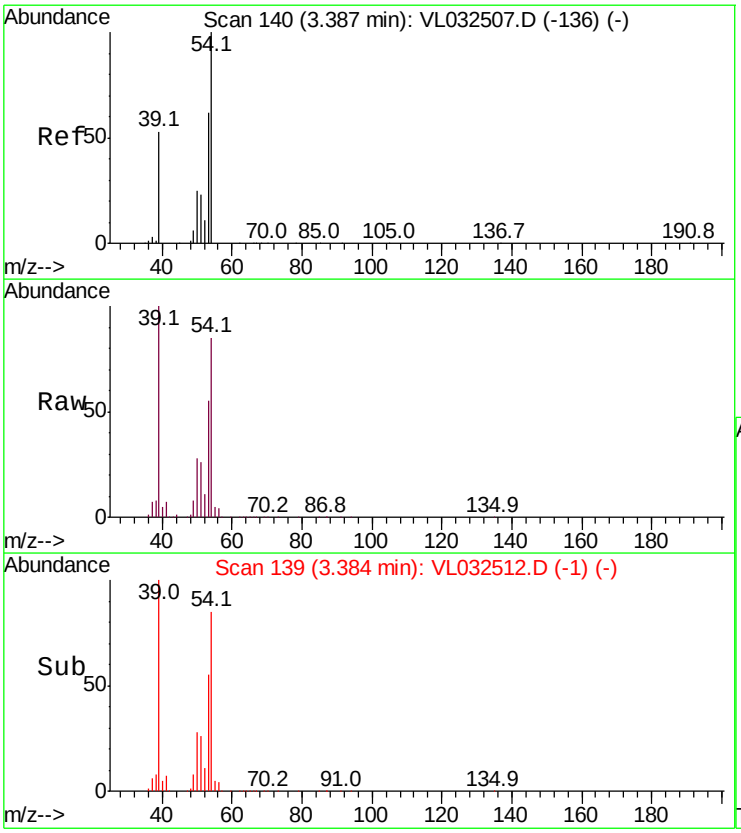
#15
Acetone
Concen: 9.116 ppbv
RT: 3.93 min Scan# 308
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1256389

Ion	Ratio	Lower	Upper
43	100		
58	28.5	22.6	33.8

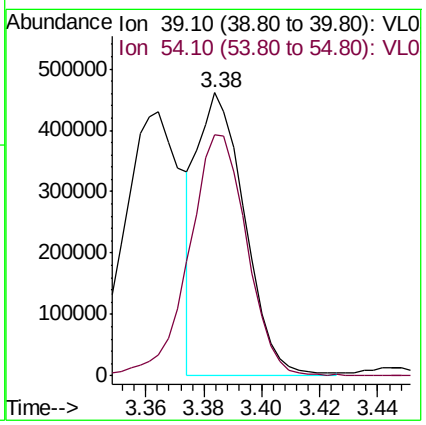


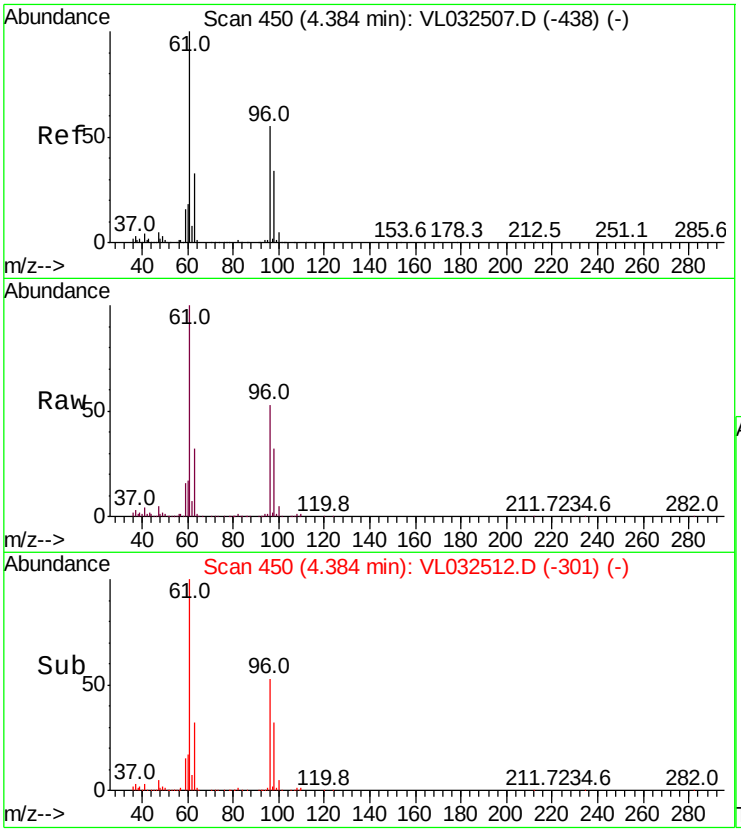


#16
1,3-Butadiene
Concen: 8.077 ppbv
RT: 3.38 min Scan# 139
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 39 Resp: 523826

Ion	Ratio	Lower	Upper
39	100		
54	104.3	80.8	121.2



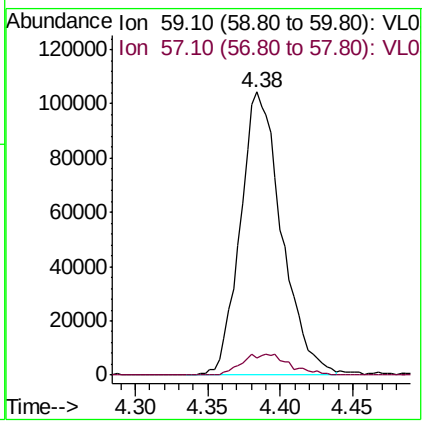


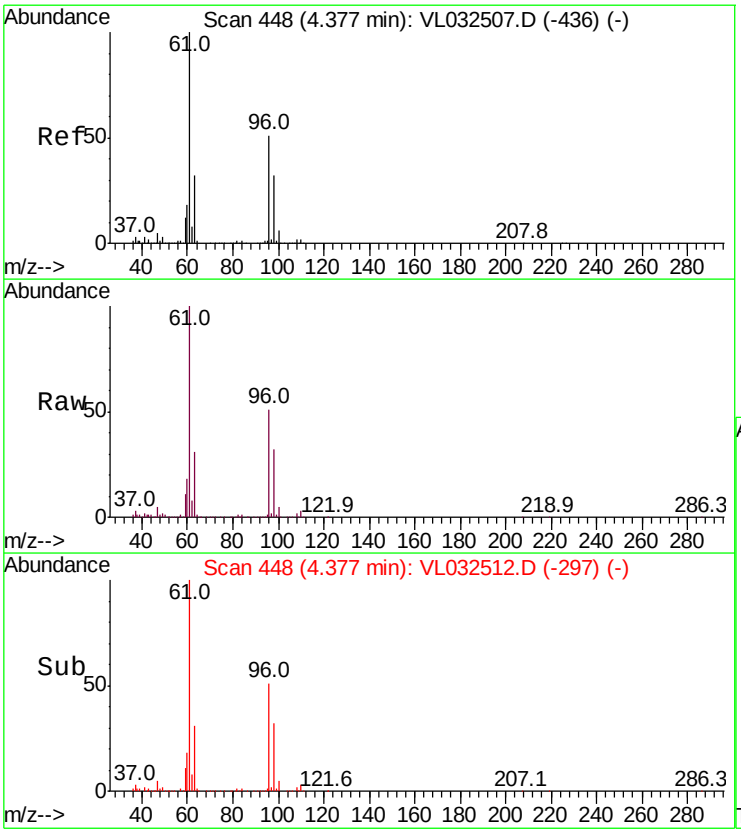
#17
tert-Butyl alcohol
Concen: 9.770 ppbv
RT: 4.38 min Scan# 450
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 59 Resp: 207234

Ion	Ratio	Lower	Upper
59	100		
57	8.8	0.0	0.0#

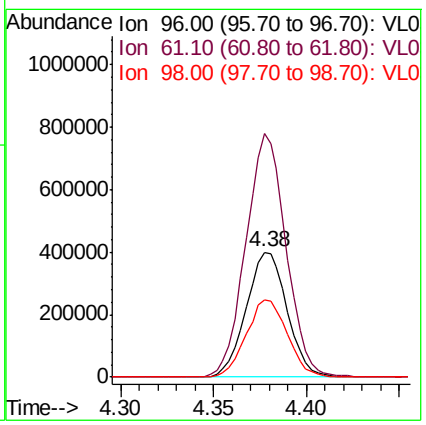


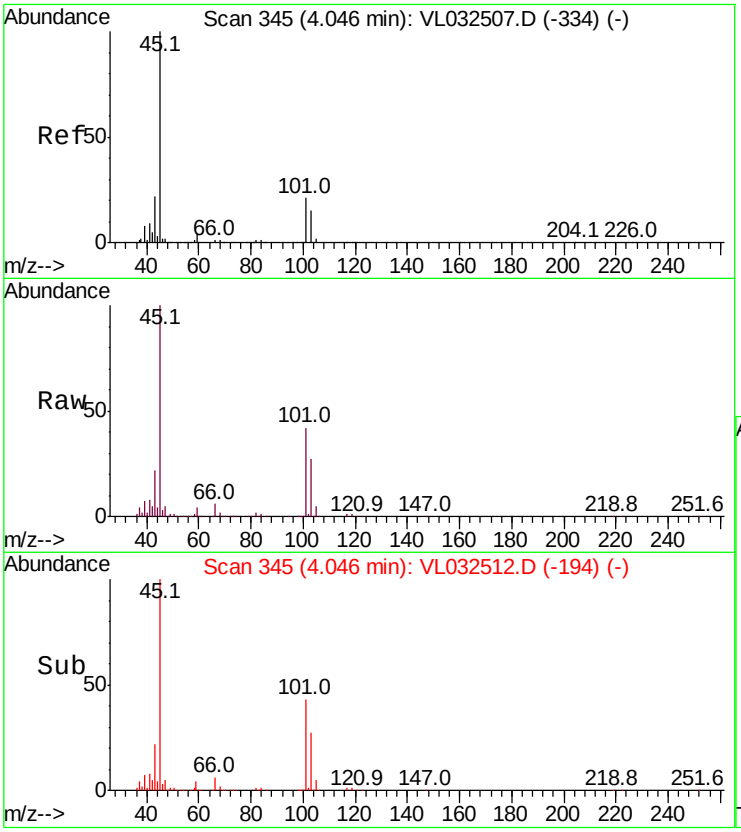


#18
1,1-Dichloroethene
Concen: 11.237 ppbv
RT: 4.38 min Scan# 448
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 96 Resp: 614342

Ion	Ratio	Lower	Upper
96	100		
61	194.5	159.2	238.8
98	61.6	51.0	76.4



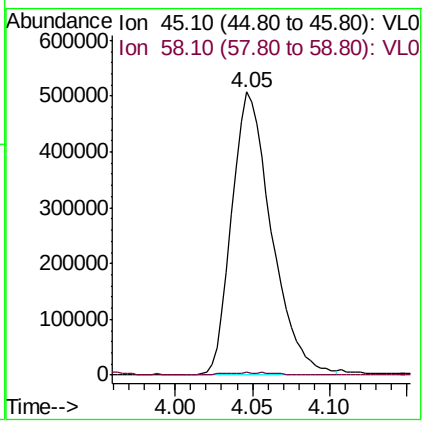


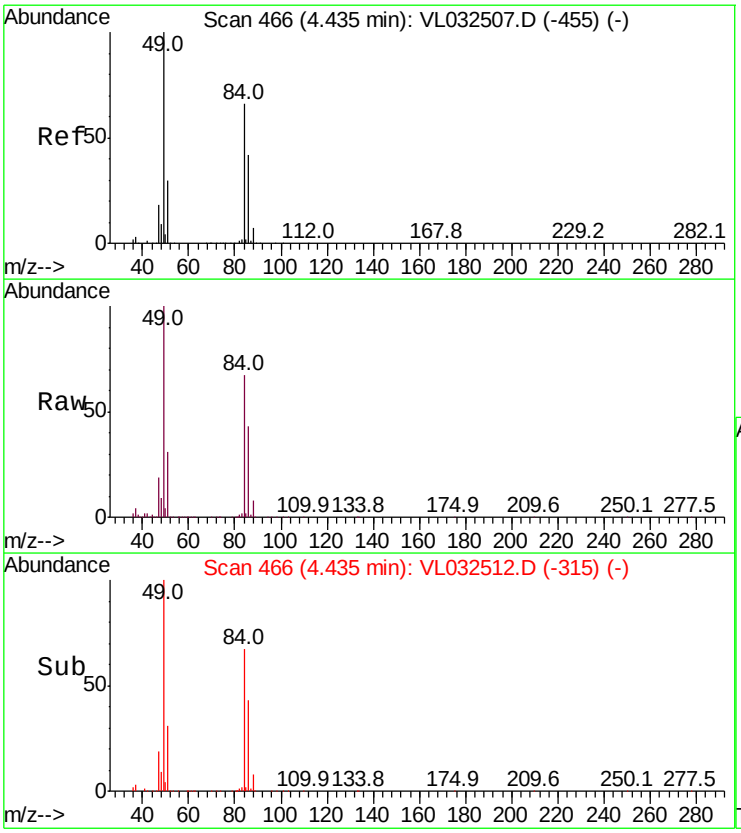
#19
Isopropyl Alcohol
Concen: 10.008 ppbv
RT: 4.05 min Scan# 345
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 904890

Ion	Ratio	Lower	Upper
45	100		
58	1.6	2.0	3.0#

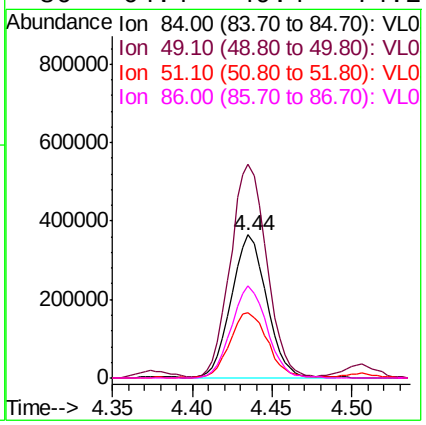


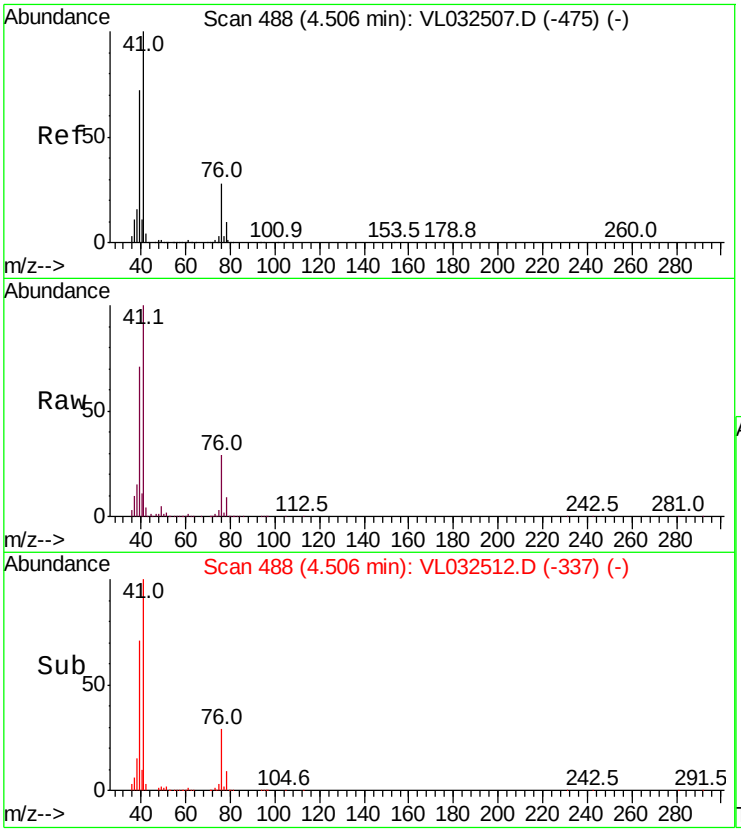


#20
Methylene Chloride
Concen: 10.407 ppbv
RT: 4.44 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 84 Resp: 546917

Ion	Ratio	Lower	Upper
84	100		
49	148.7	119.1	178.7
51	45.7	35.2	52.8
86	64.4	49.4	74.2



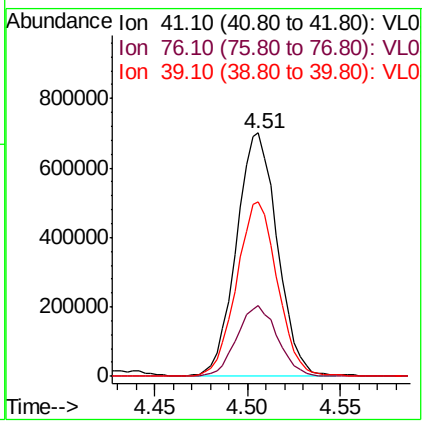


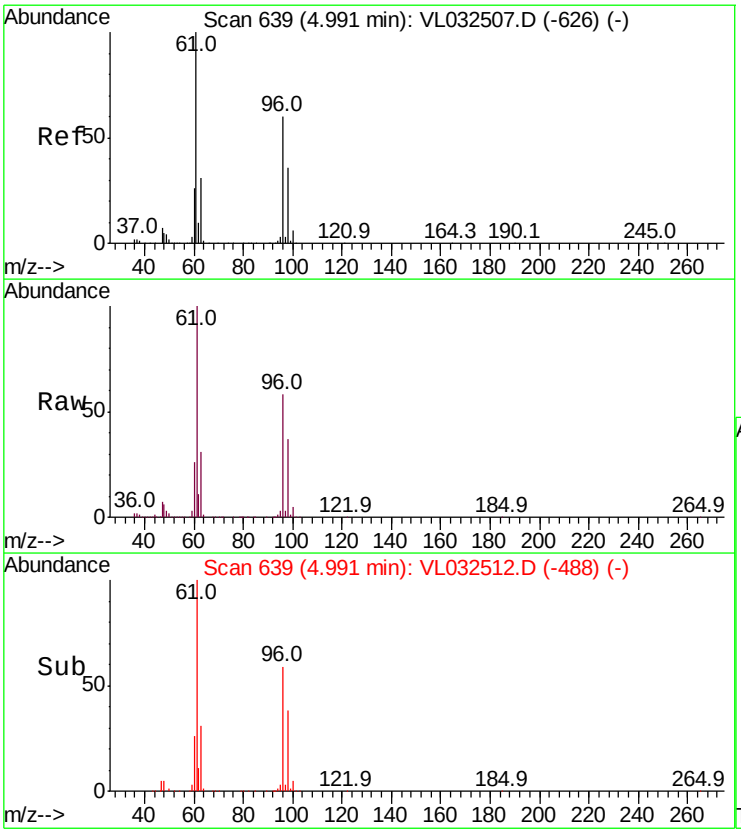
#21
Allvl Chloride
Concen: 11.665 ppbv
RT: 4.51 min Scan# 488
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 1067846

Ion	Ratio	Lower	Upper
41	100		
76	29.0	23.6	35.4
39	72.2	57.7	86.5

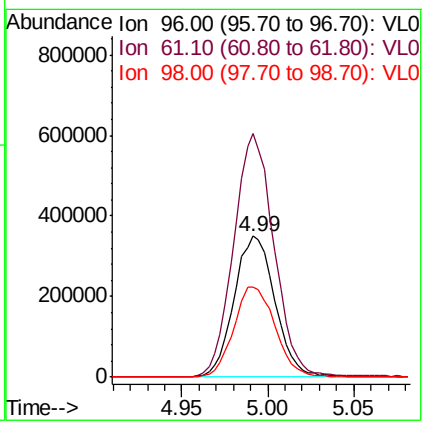


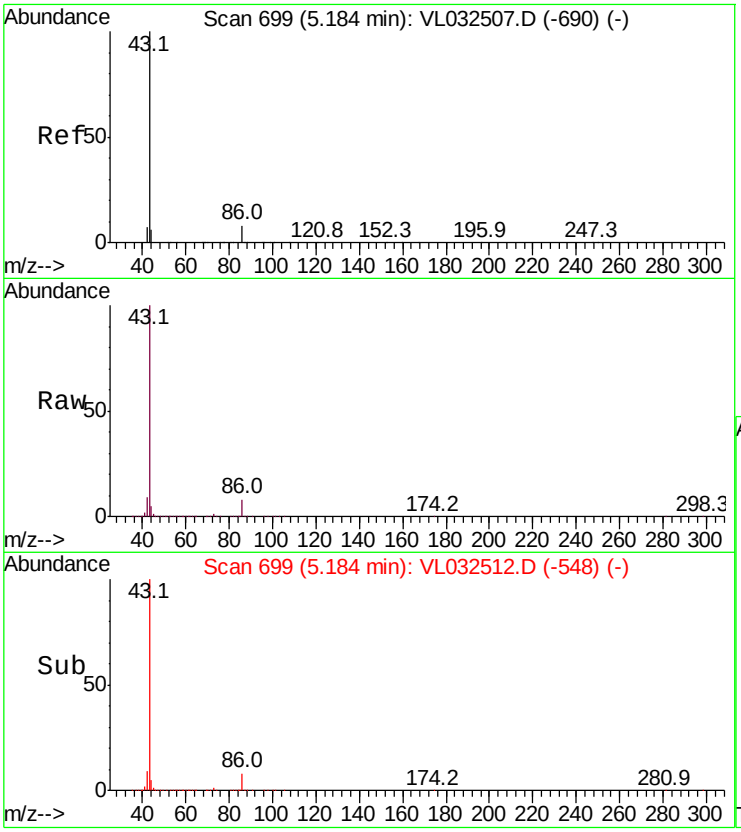


#22
trans-1,2-Dichloroethene
Concen: 9.700 ppbv
RT: 4.99 min Scan# 639
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 96 Resp: 575395

Ion	Ratio	Lower	Upper
96	100		
61	172.7	136.2	204.4
98	64.0	50.4	75.6



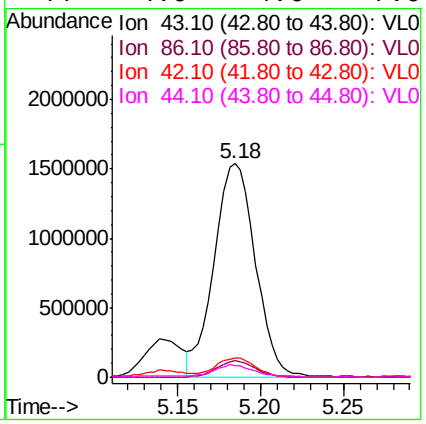


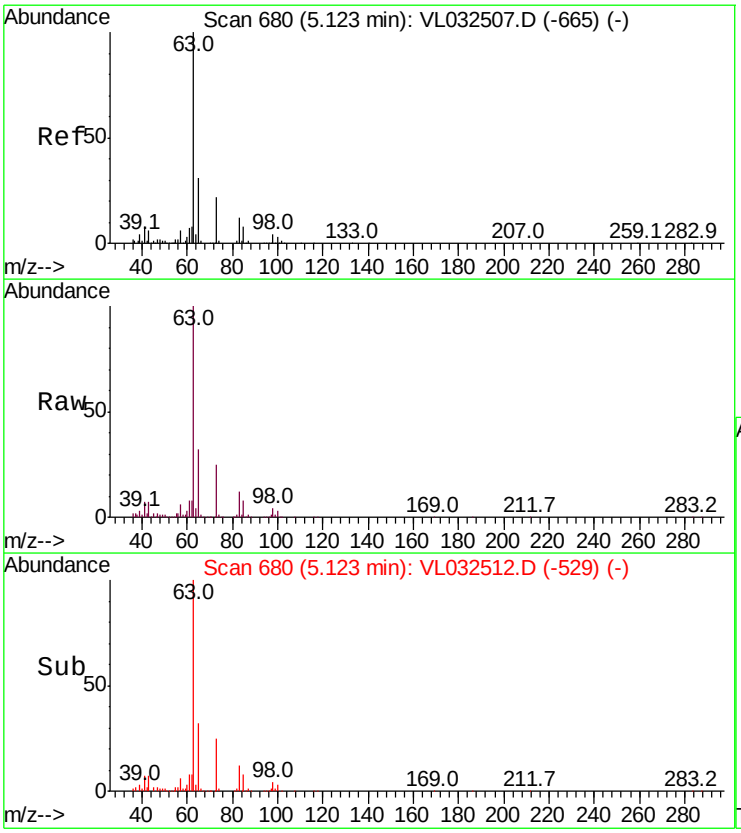
#23
Vinyl Acetate
Concen: 11.648 ppbv
RT: 5.18 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2661128

Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.9	8.9
42	8.7	6.9	10.3
44	4.9	4.6	7.0

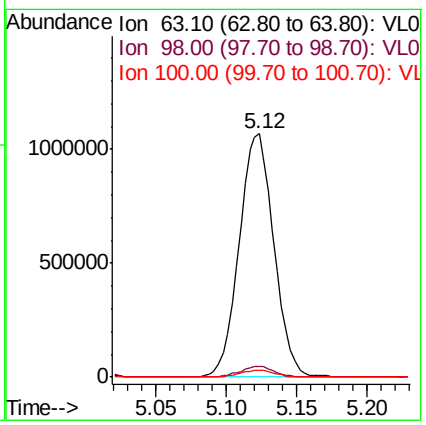


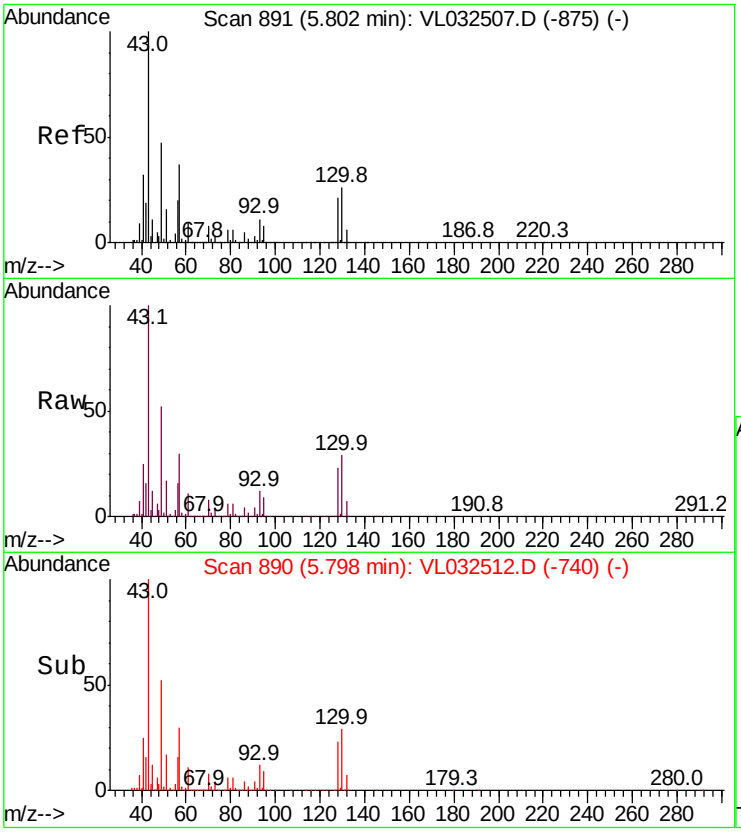


#24
1,1-Dichloroethane
Concen: 9.739 ppbv
RT: 5.12 min Scan# 680
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 63 Resp: 1833400

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.1	6.5
100	2.6	1.5	4.4



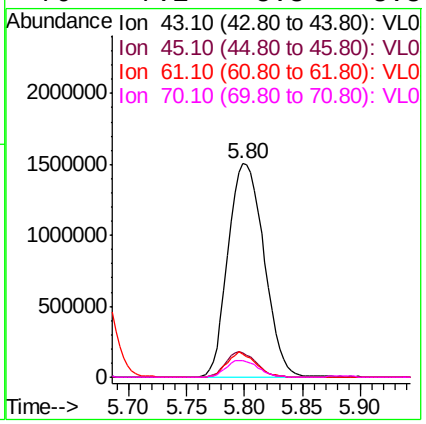


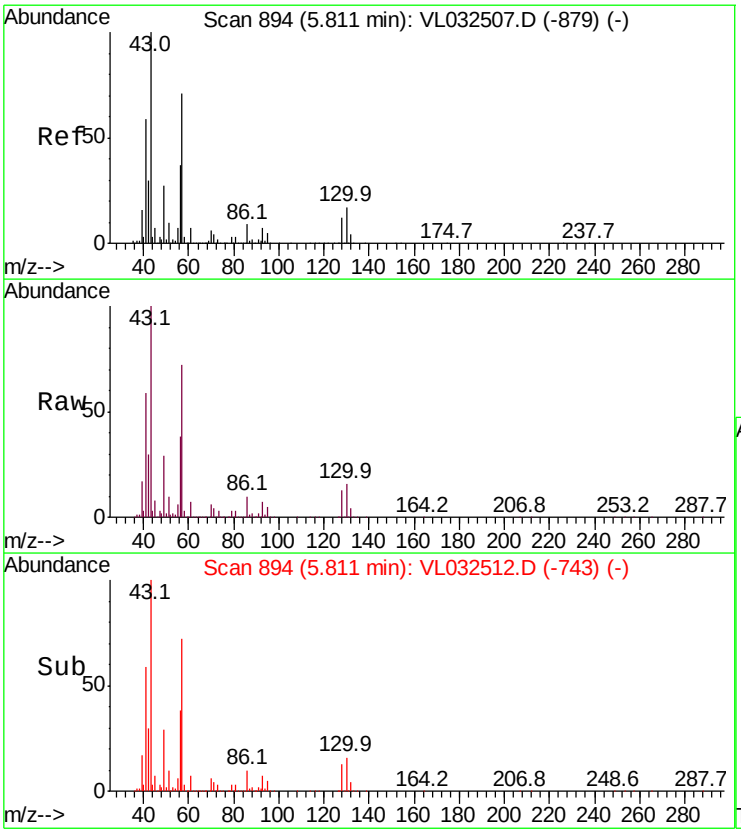
#25
Ethyl Acetate
Concen: 9.966 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3243729

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.0	12.0
61	9.4	7.6	11.4
70	7.1	5.8	8.8

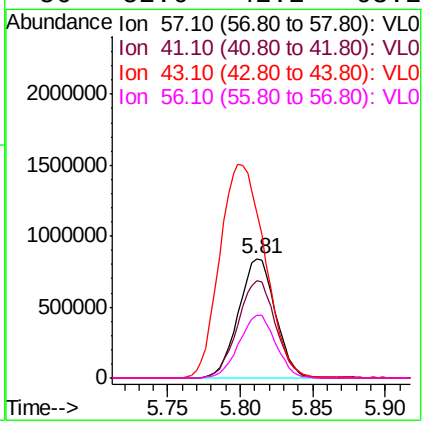


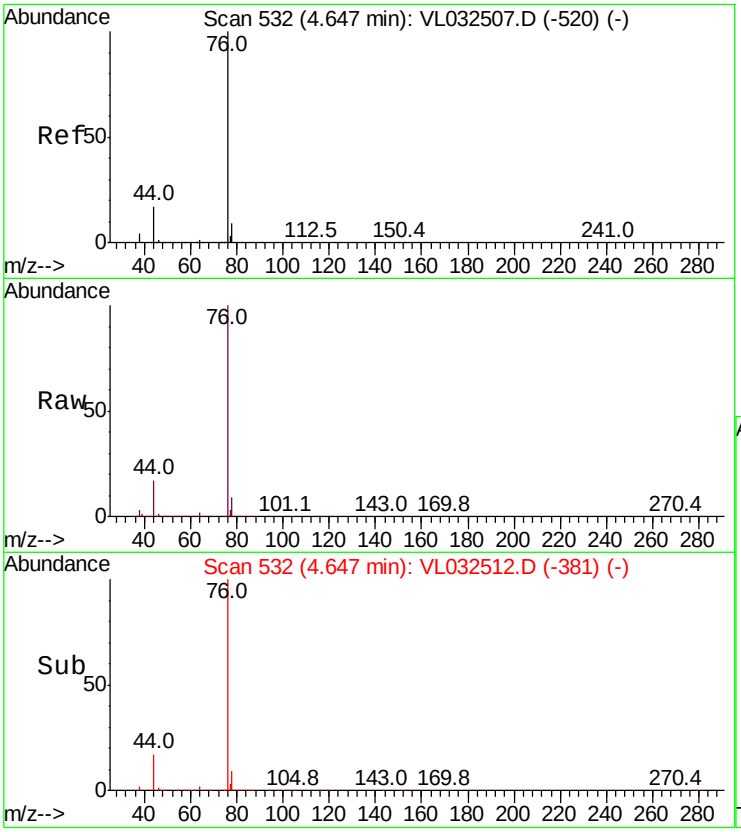


#26
Hexane
Concen: 10.195 ppbv
RT: 5.81 min Scan# 894
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 57 Resp: 1485782

Ion	Ratio	Lower	Upper
57	100		
41	83.9	69.0	103.4
43	218.9	172.1	258.1
56	52.6	42.2	63.2



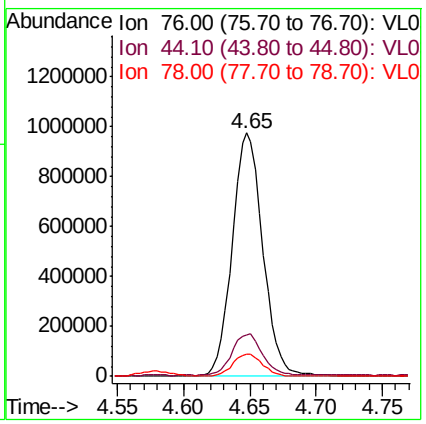


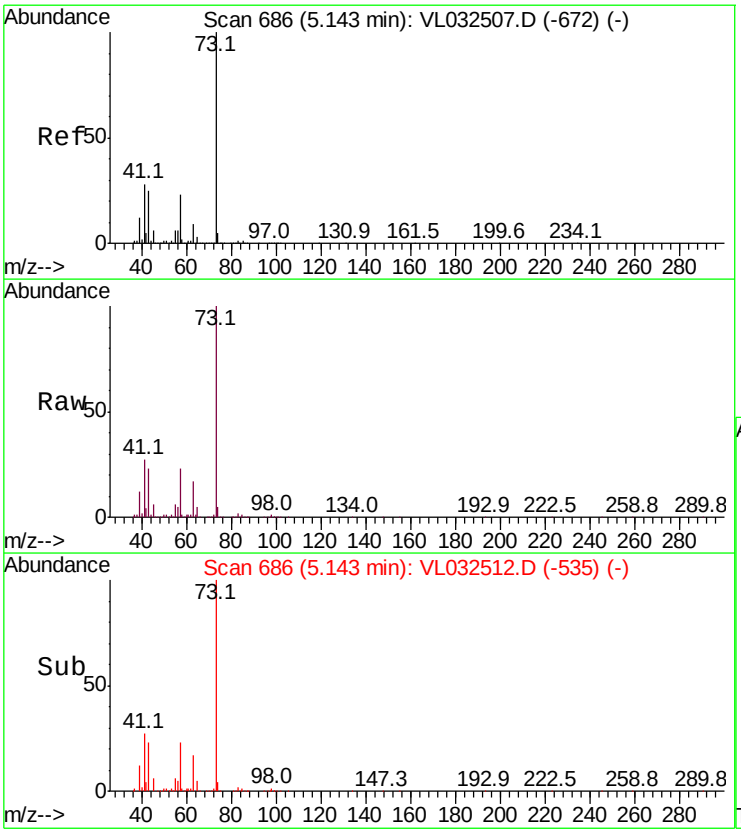
#27
Carbon Disulfide
Concen: 11.584 ppbv
RT: 4.65 min Scan# 532
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 76 Resp: 1558439

Ion	Ratio	Lower	Upper
76	100		
44	17.7	14.0	21.0
78	9.2	7.5	11.3

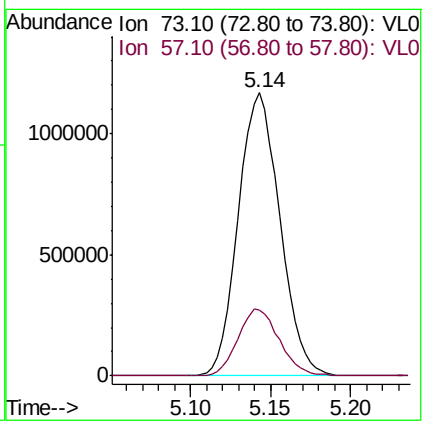


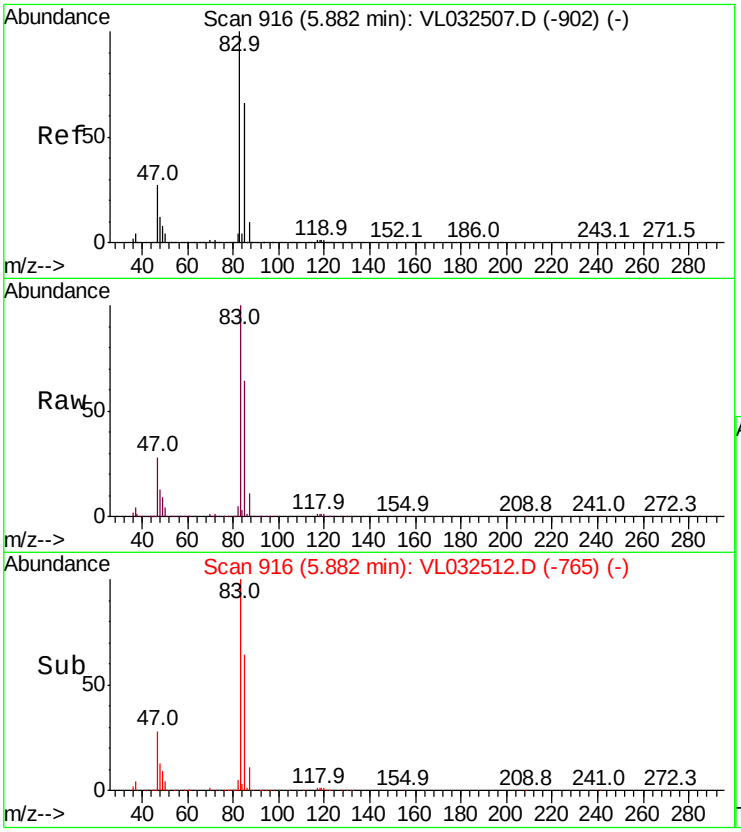


#28
Methyl tert-Butyl Ether
Concen: 11.607 ppbv
RT: 5.14 min Scan# 686
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 73 Resp: 2076966

Ion	Ratio	Lower	Upper
73	100		
57	23.8	19.3	28.9

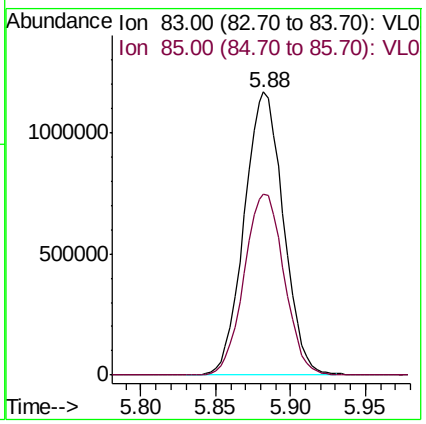




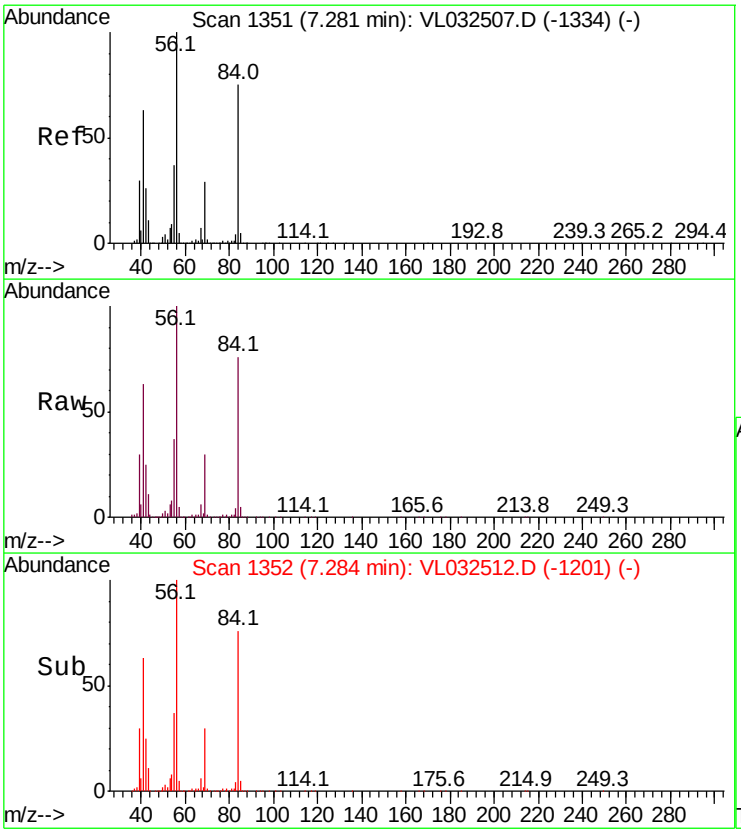
#29
Chloroform
Concen: 9.558 ppbv
RT: 5.88 min Scan# 916
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 83 Resp: 2123809

Ion	Ratio	Lower	Upper
83	100		
85	63.7	52.5	78.7



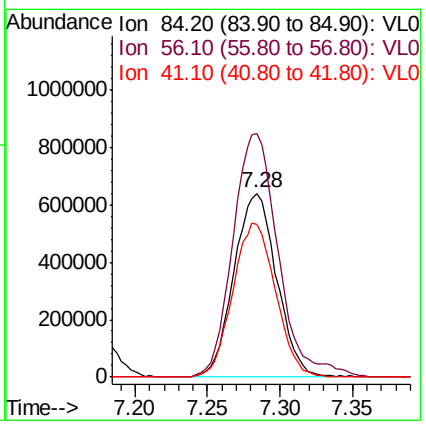
Instrument :
MSVOA_L
ClientSampleId :

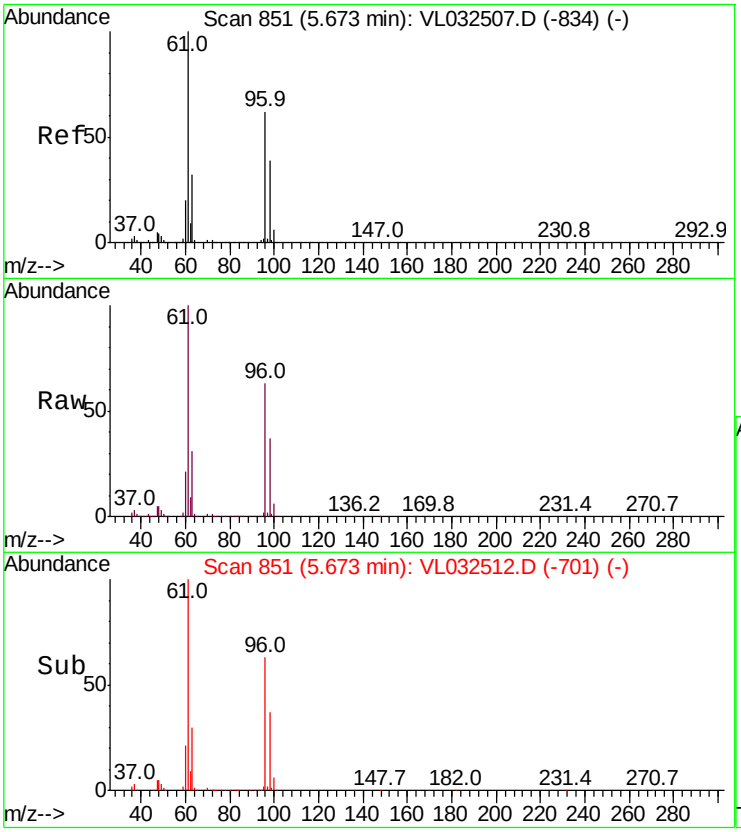


#30
Cyclohexane
Concen: 12.233 ppbv
RT: 7.28 min Scan# 1352
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 84 Resp: 1305470

Ion	Ratio	Lower	Upper
84	100		
56	142.0	113.5	170.3
41	84.1	68.1	102.1



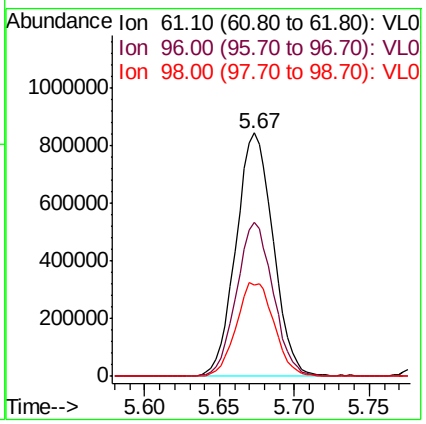


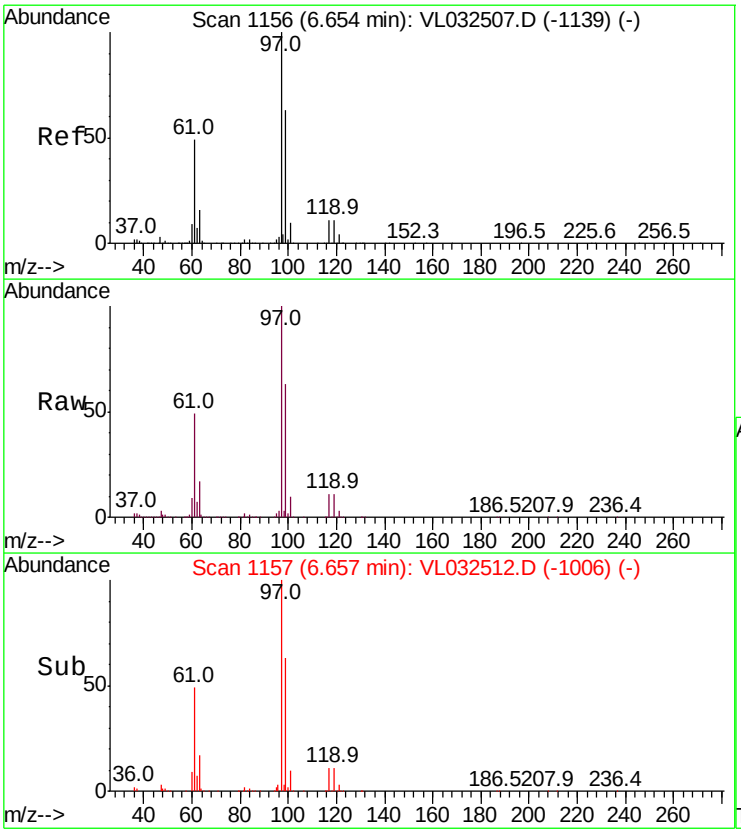
#31
cis-1,2-Dichloroethene
Concen: 11.017 ppbv
RT: 5.67 min Scan# 851
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 61 Resp: 1453917

Ion	Ratio	Lower	Upper
61	100		
96	63.2	49.2	73.8
98	37.3	30.7	46.1

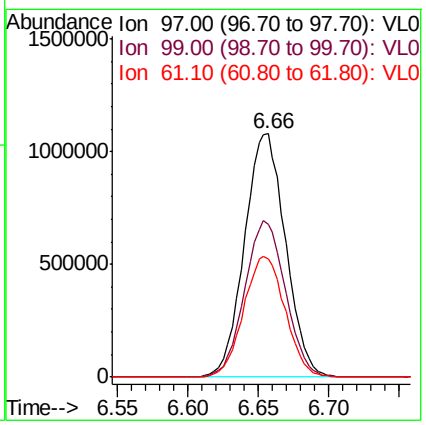


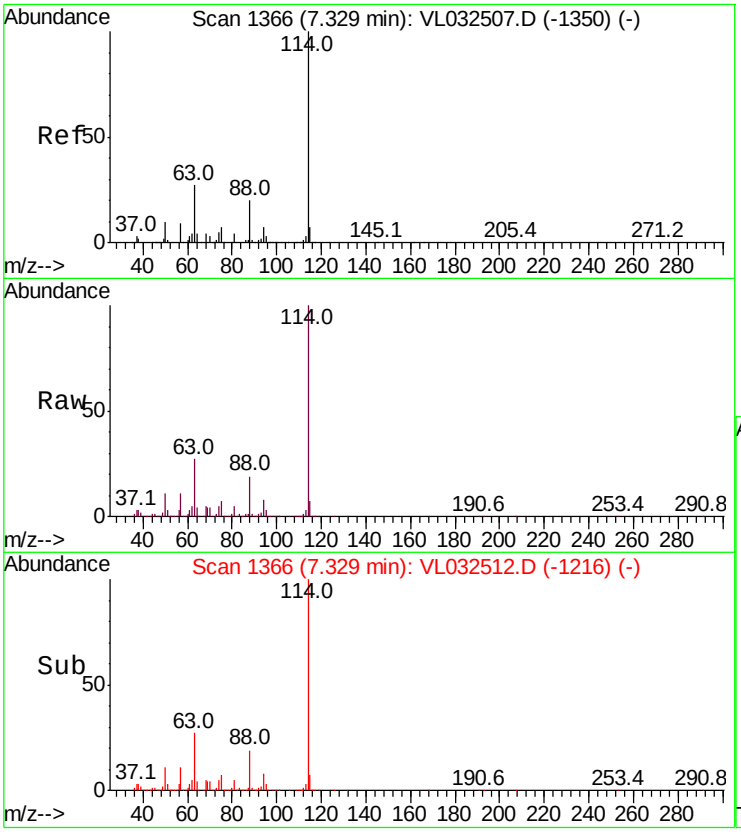


#32
1,1,1-Trichloroethane
Concen: 10.613 ppbv
RT: 6.66 min Scan# 1157
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 97 Resp: 2198292

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.1	78.1
61	50.2	42.5	63.7



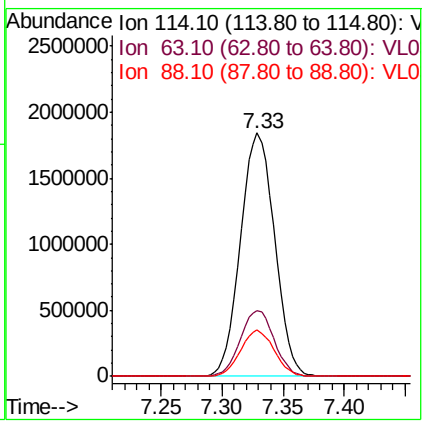


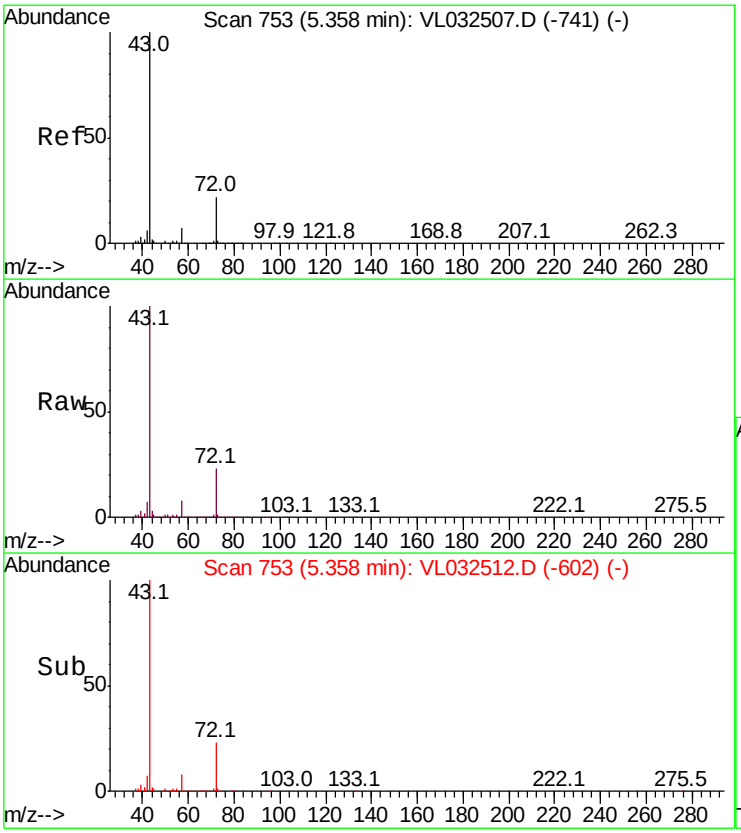
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.33 min Scan# 1366
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:114 Resp: 3556275

Ion	Ratio	Lower	Upper
114	100		
63	27.2	22.2	33.4
88	18.6	15.0	22.4

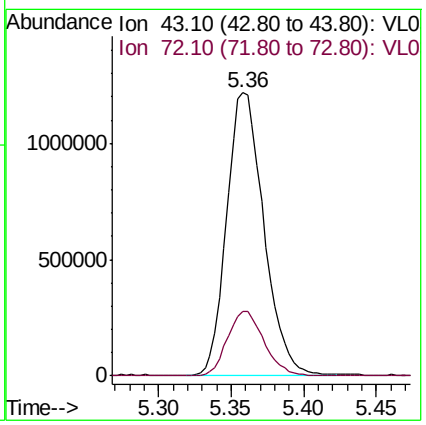


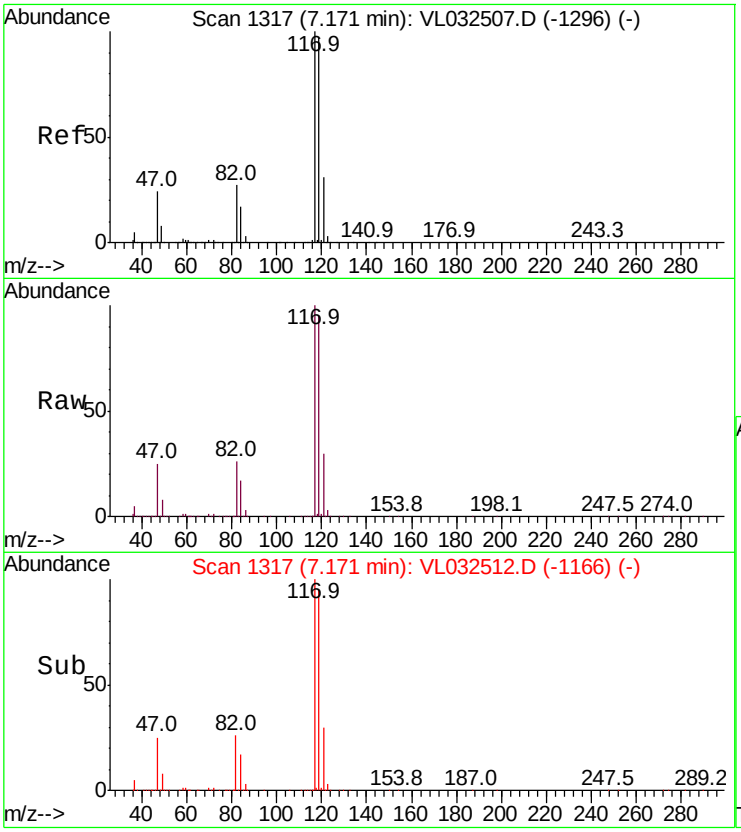


#34
2-Butanone
Concen: 9.156 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 43 Resp: 2162770

Ion	Ratio	Lower	Upper
43	100		
72	22.6	17.8	26.6



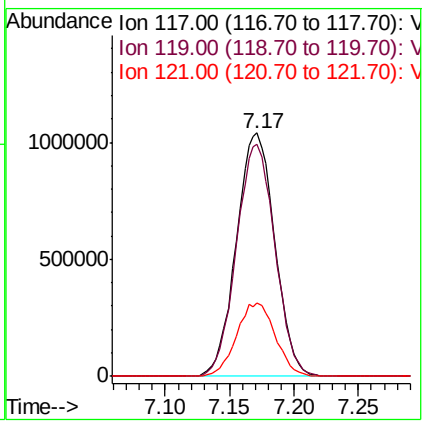


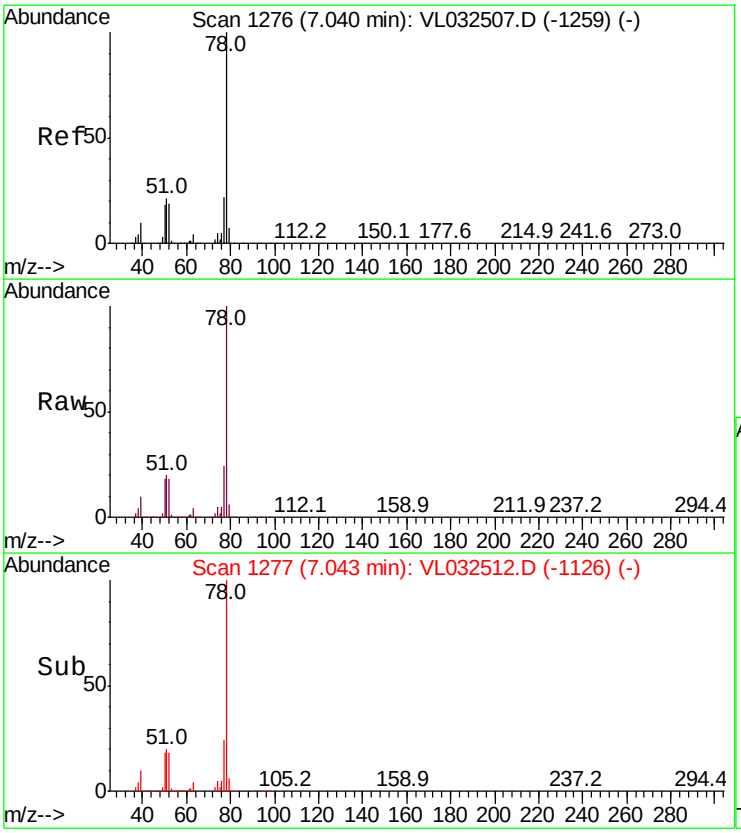
#35
Carbon Tetrachloride
Concen: 9.036 ppbv
RT: 7.17 min Scan# 1317
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 2159752

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
121	30.3	24.6	36.8

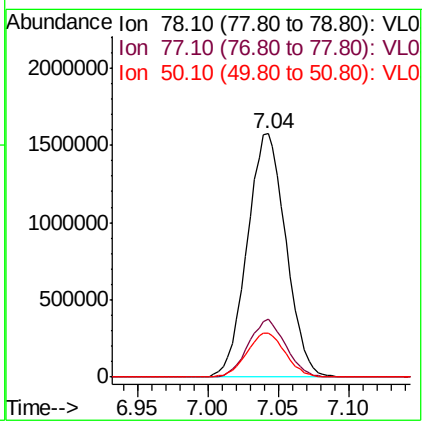


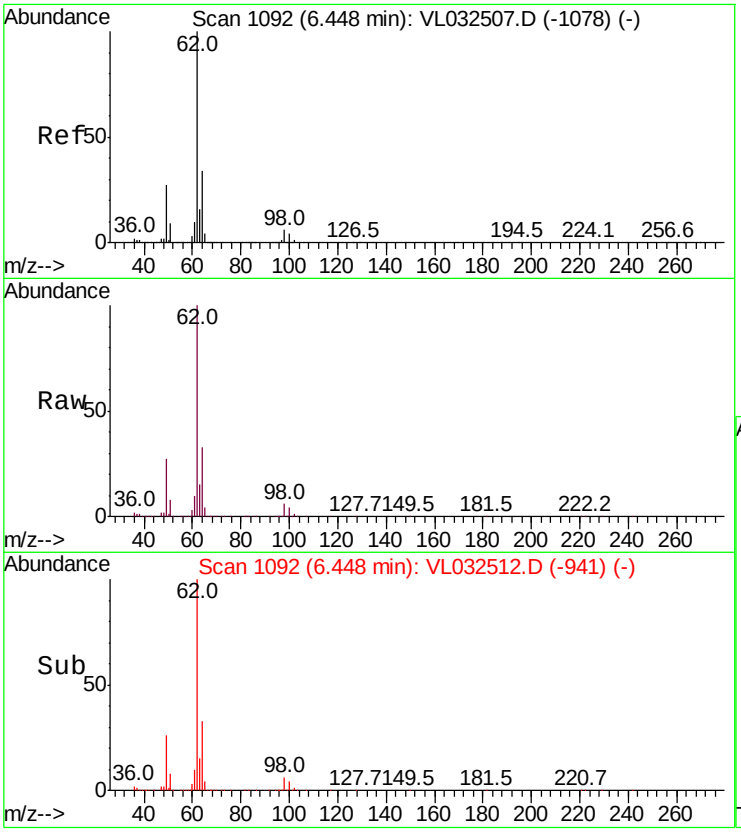


#36
Benzene
Concen: 9.985 ppbv
RT: 7.04 min Scan# 1277
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 78 Resp: 3021802

Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.4	27.6
50	17.9	14.4	21.6



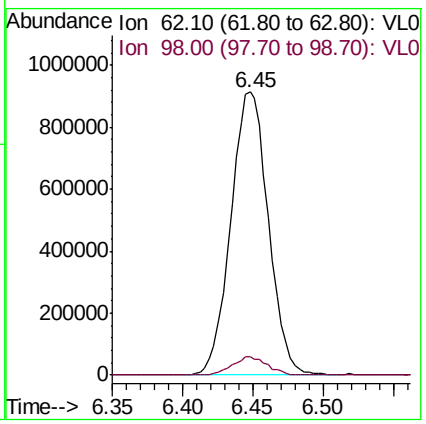


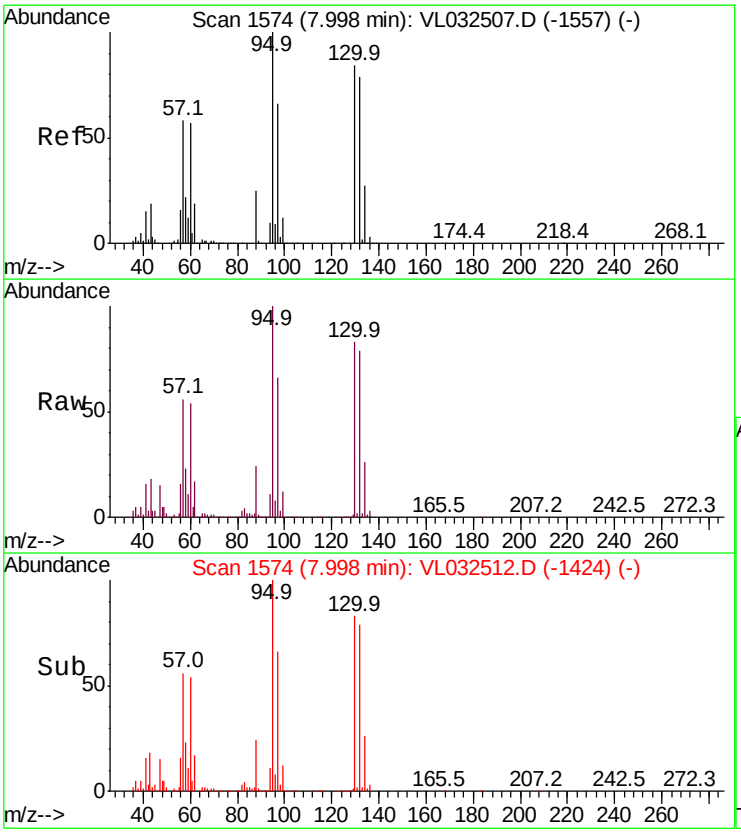
#37
1,2-Dichloroethane
Concen: 9.173 ppbv
RT: 6.45 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 62 Resp: 1701178

Ion	Ratio	Lower	Upper
62	100		
98	6.1	5.0	7.6

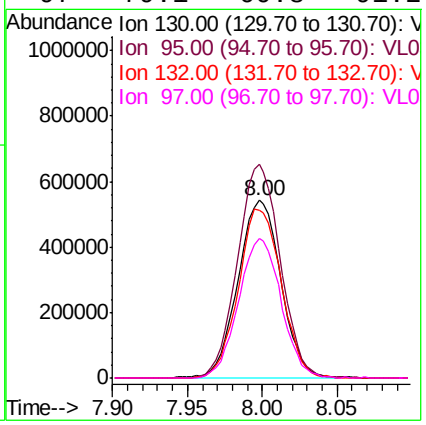


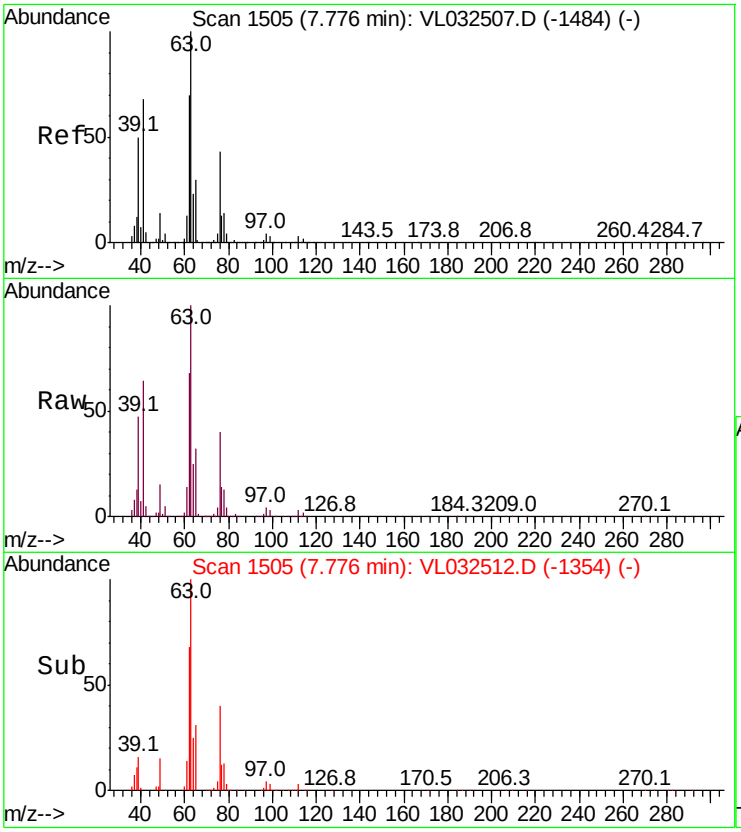


#38
Trichloroethene
Concen: 9.319 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:130 Resp: 1071401

Ion	Ratio	Lower	Upper
130	100		
95	120.7	94.2	141.4
132	94.8	76.2	114.4
97	79.1	60.8	91.2



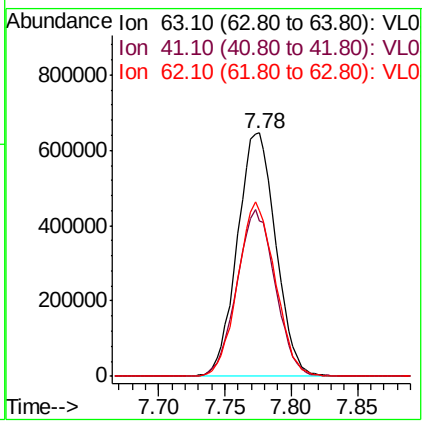


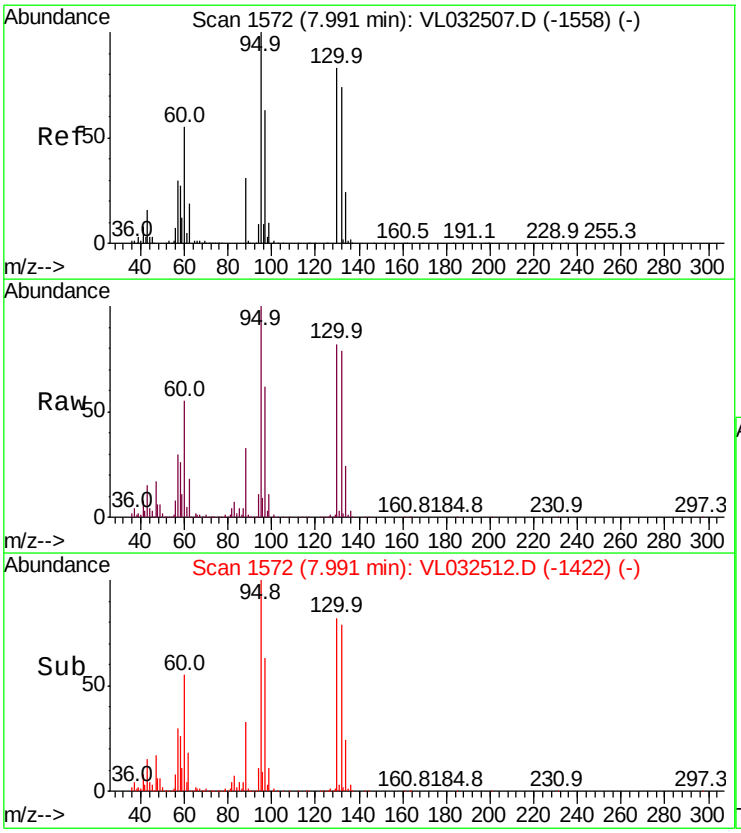
#39
1,2-Dichloropropane
Concen: 10.072 ppbv
RT: 7.78 min Scan# 1505
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 63 Resp: 1304165

Ion	Ratio	Lower	Upper
63	100		
41	64.0	55.4	83.0
62	67.9	55.4	83.0

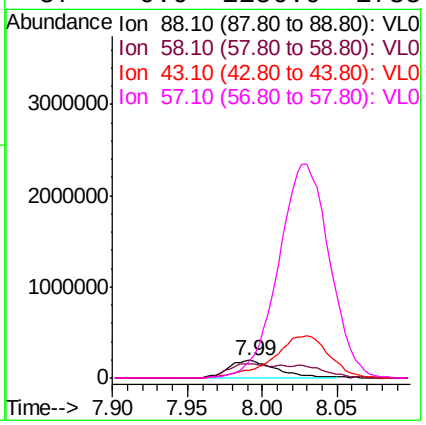


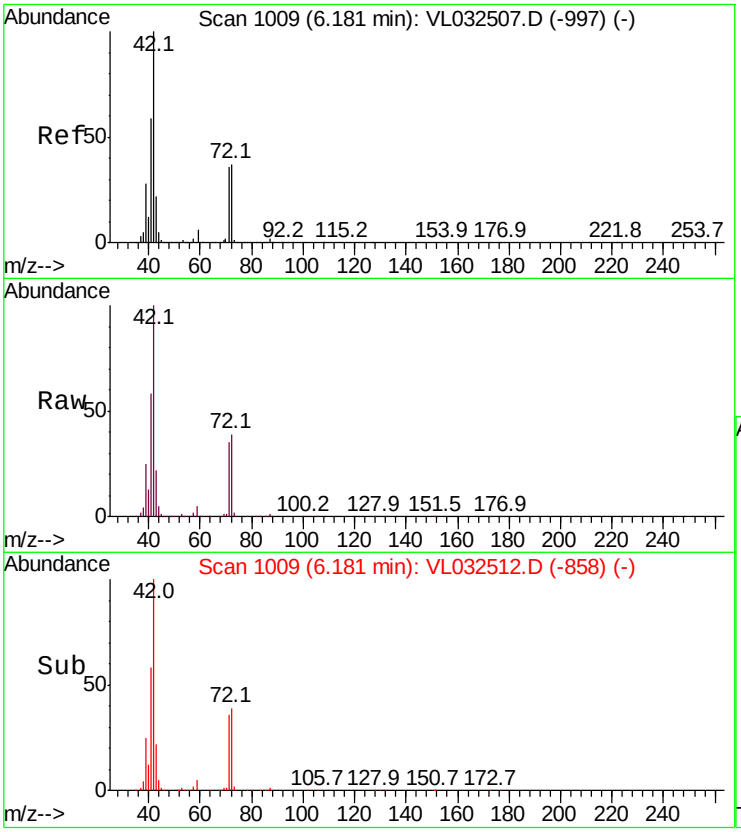


#40
1,4-Dioxane
Concen: 11.077 ppbv
RT: 7.99 min Scan# 1572
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 88 Resp: 430318

Ion	Ratio	Lower	Upper
88	100		
58	141.1	119.7	179.5
43	0.0	253.0	379.4#
57	0.0	1156.9	1735.3#



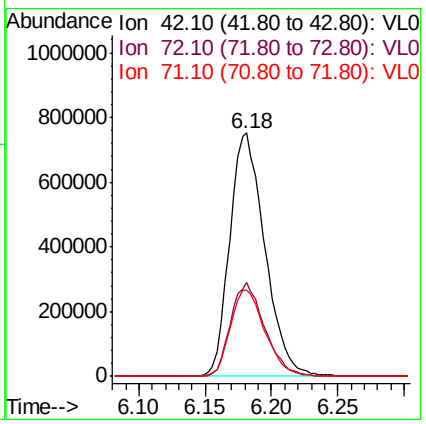


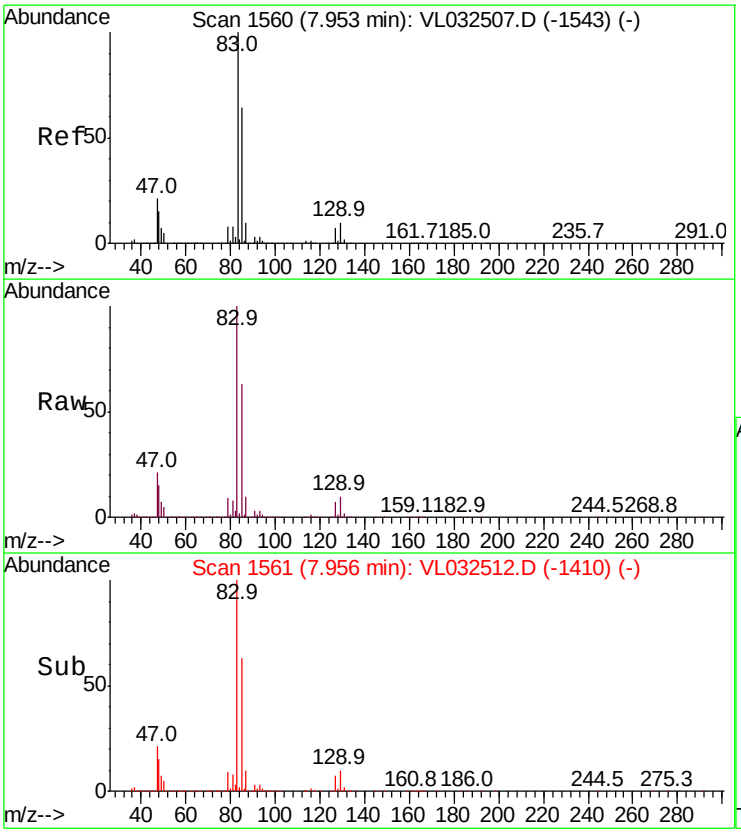
#41
Tetrahydrofuran
Concen: 10.751 ppbv
RT: 6.18 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 42 Resp: 1382531

Ion	Ratio	Lower	Upper
42	100		
72	37.6	29.5	44.3
71	35.1	28.3	42.5

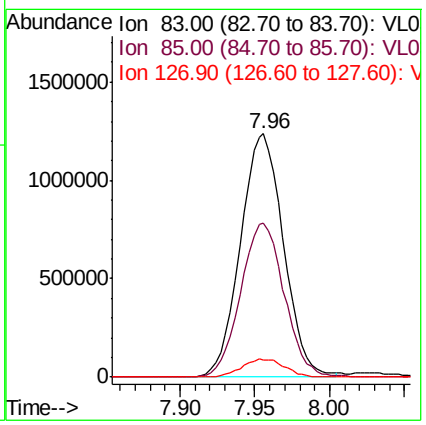


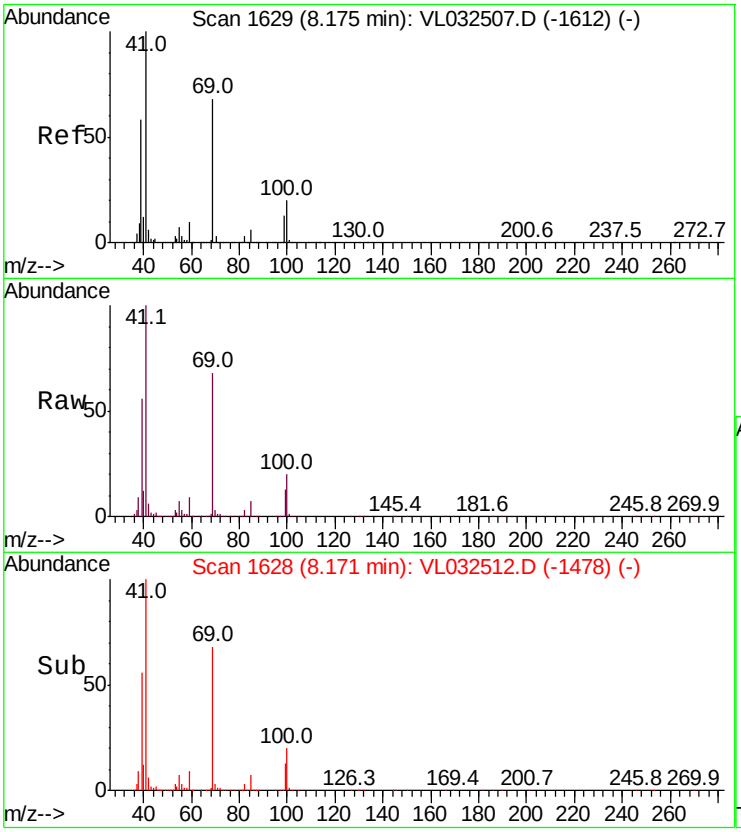


#42
Bromodichloromethane
Concen: 9.668 ppbv
RT: 7.96 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 83 Resp: 2473151

Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.1	76.7
127	7.2	5.8	8.8



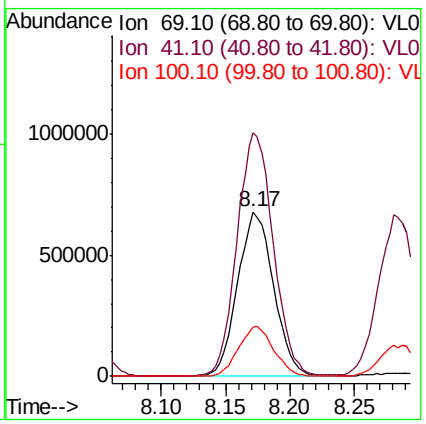


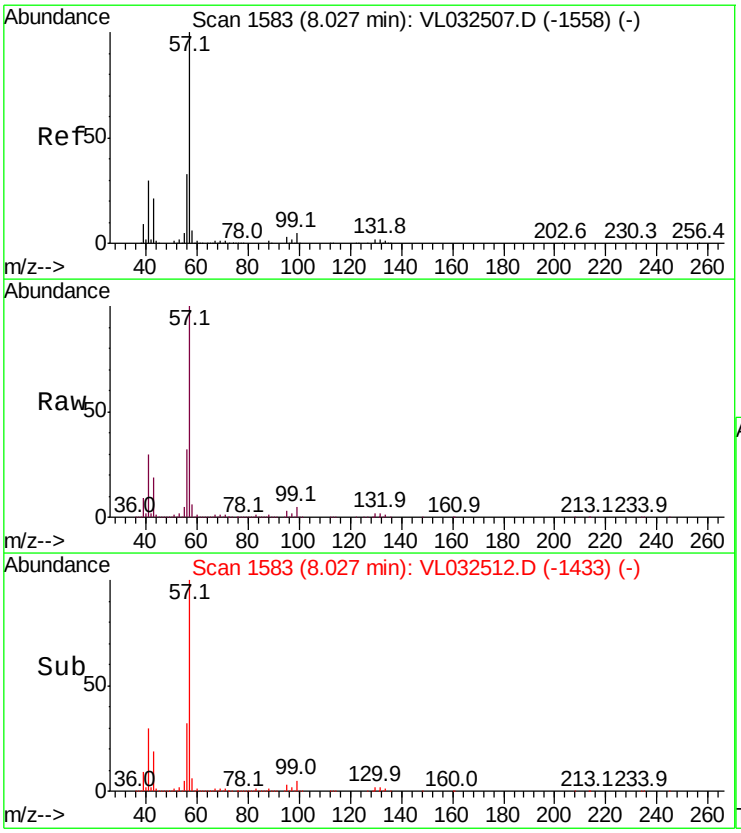
#43
Methyl Methacrylate
Concen: 10.299 ppbv
RT: 8.17 min Scan# 1628
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 69 Resp: 1322377

Ion	Ratio	Lower	Upper
69	100		
41	148.6	117.1	175.7
100	29.7	23.4	35.2

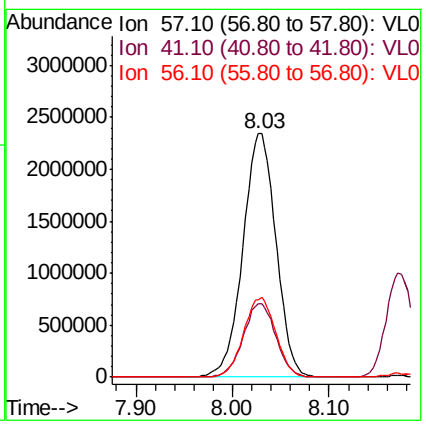


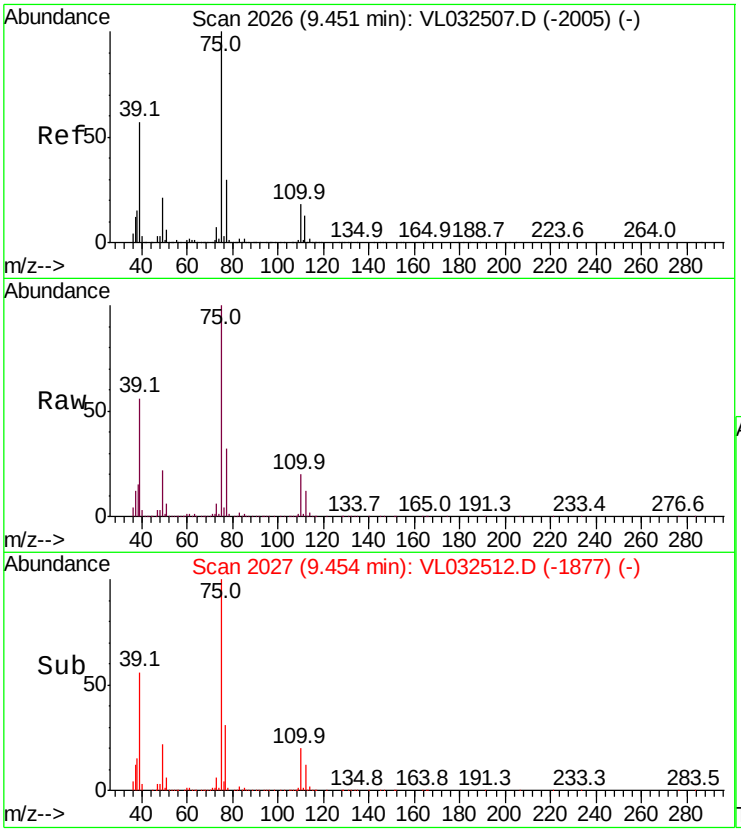


#44
2,2,4-Trimethylpentane
Concen: 9.517 ppbv
RT: 8.03 min Scan# 1583
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 57 Resp: 5568411

Ion	Ratio	Lower	Upper
57	100		
41	29.7	24.4	36.6
56	31.7	25.7	38.5



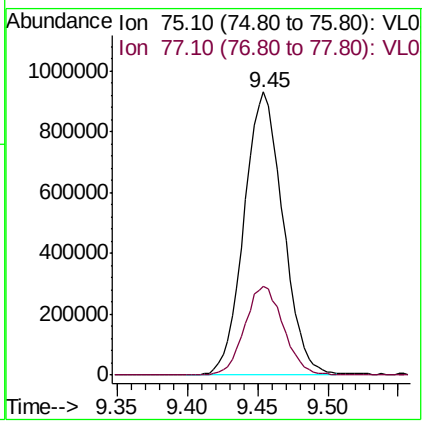


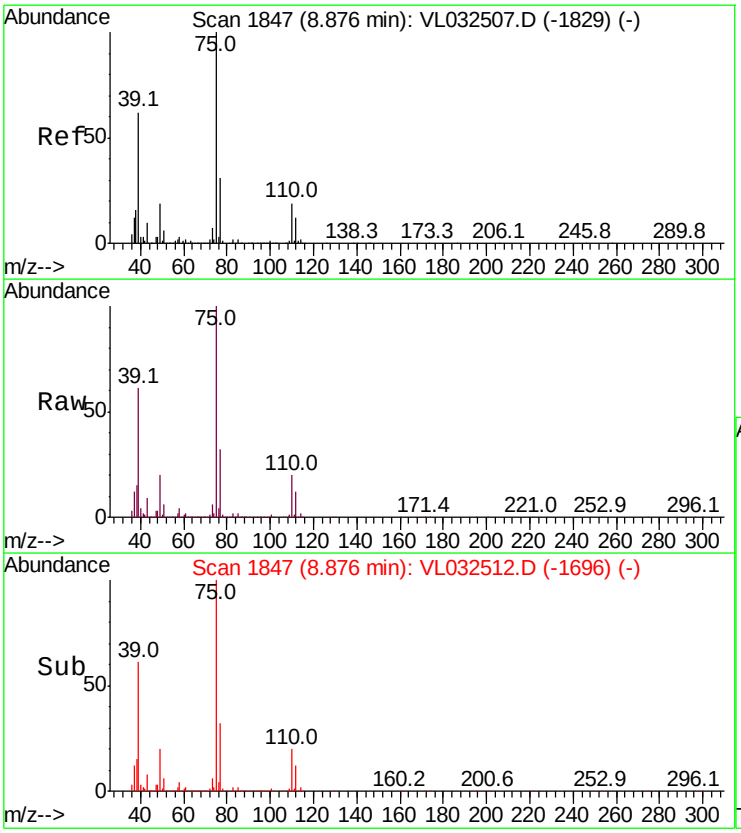
#45
t-1,3-Dichloropropene
Concen: 13.129 ppbv
RT: 9.45 min Scan# 2027
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 75 Resp: 1803724

Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.2	39.2

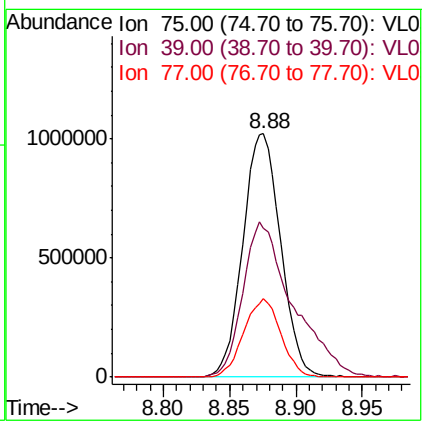


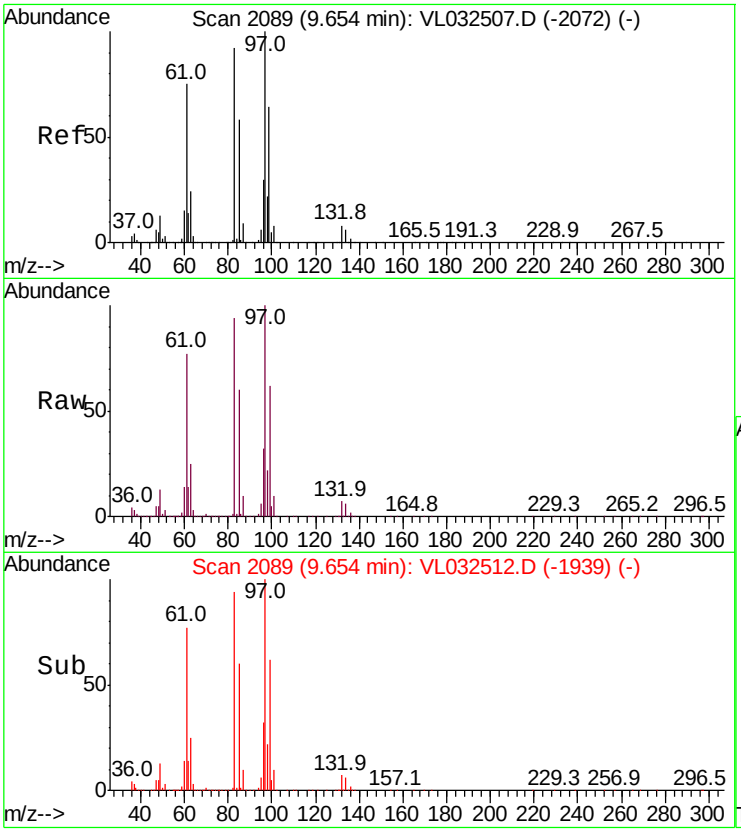


#46
cis-1,3-Dichloropropene
Concen: 11.528 ppbv
RT: 8.88 min Scan# 1847
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 75 Resp: 2023786

Ion	Ratio	Lower	Upper
75	100		
39	61.2	48.9	73.3
77	32.4	25.4	38.0



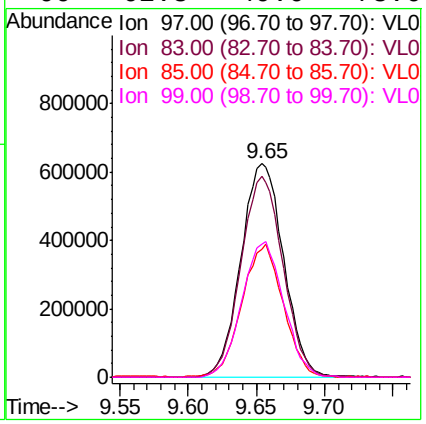


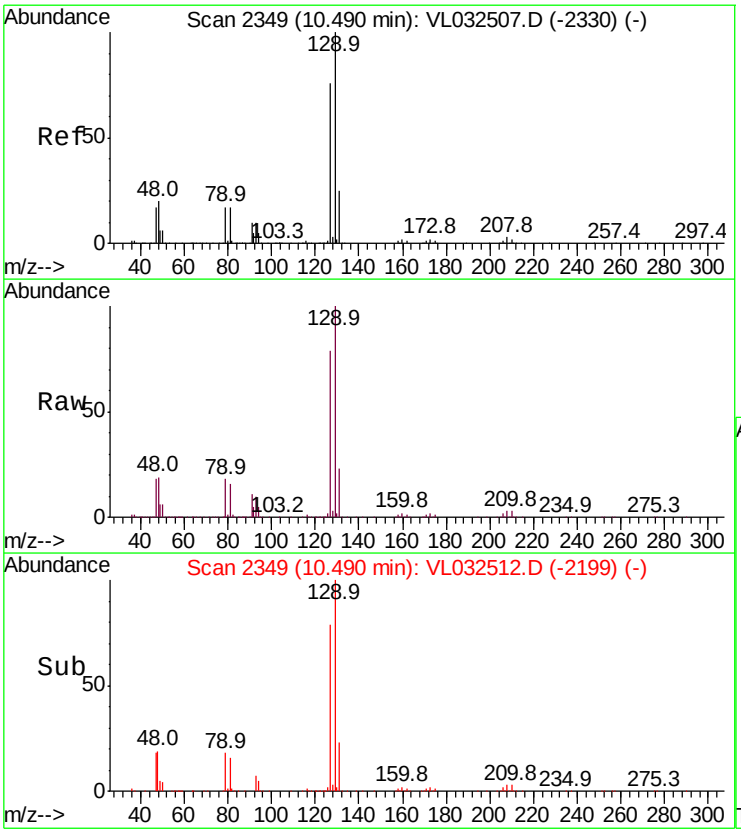
#47
1,1,2-Trichloroethane
Concen: 9.841 ppbv
RT: 9.65 min Scan# 2089
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 1354751

Ion	Ratio	Lower	Upper
97	100		
83	94.1	75.0	112.4
85	59.8	47.5	71.3
99	62.3	49.0	73.6

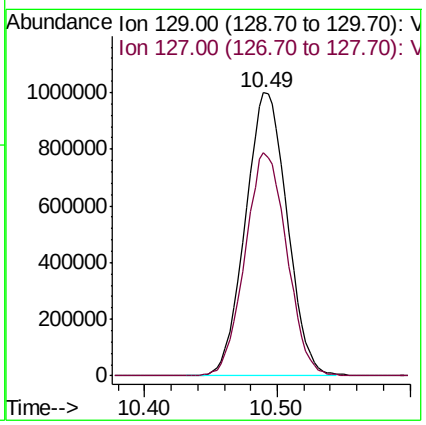


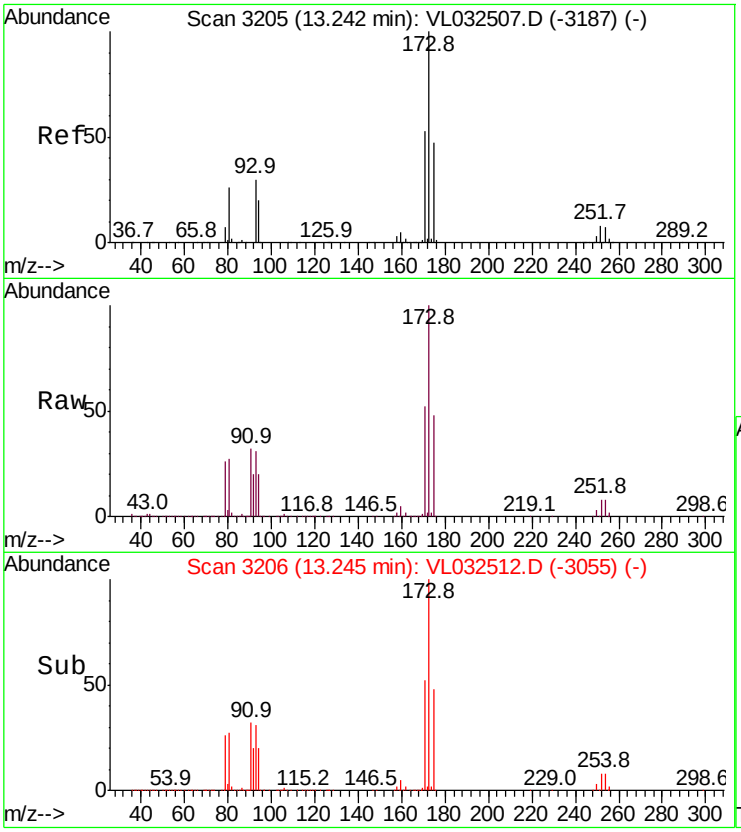


#48
Dibromochloromethane
Concen: 11.486 ppbv
RT: 10.49 min Scan# 2349
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:129 Resp: 2189958

Ion	Ratio	Lower	Upper
129	100		
127	78.8	39.5	118.3



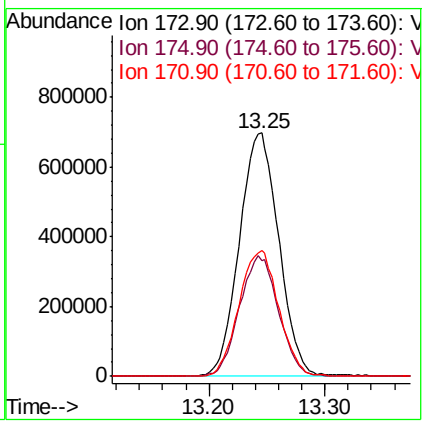


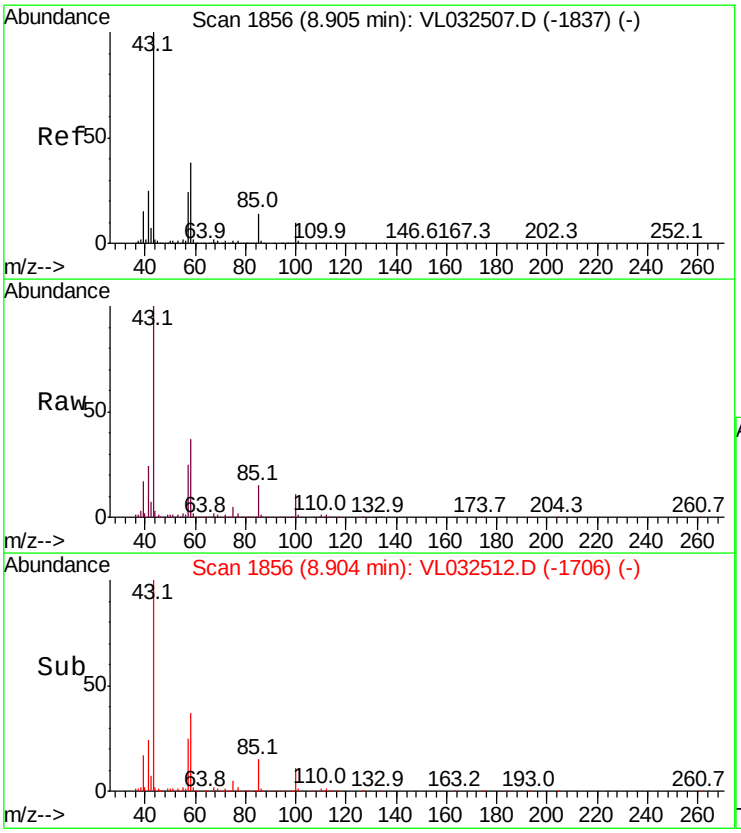
#49
Bromoform
Concen: 9.933 ppbv
RT: 13.25 min Scan# 3206
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:173 Resp: 1646145

Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.9	58.3
171	52.5	41.6	62.4

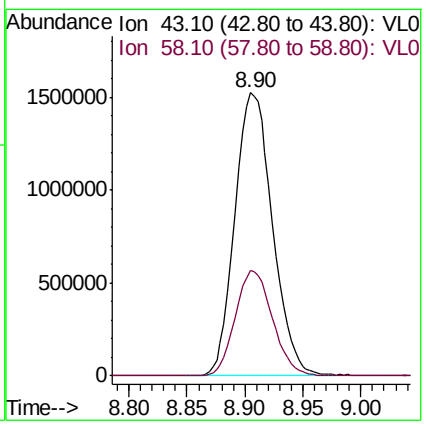


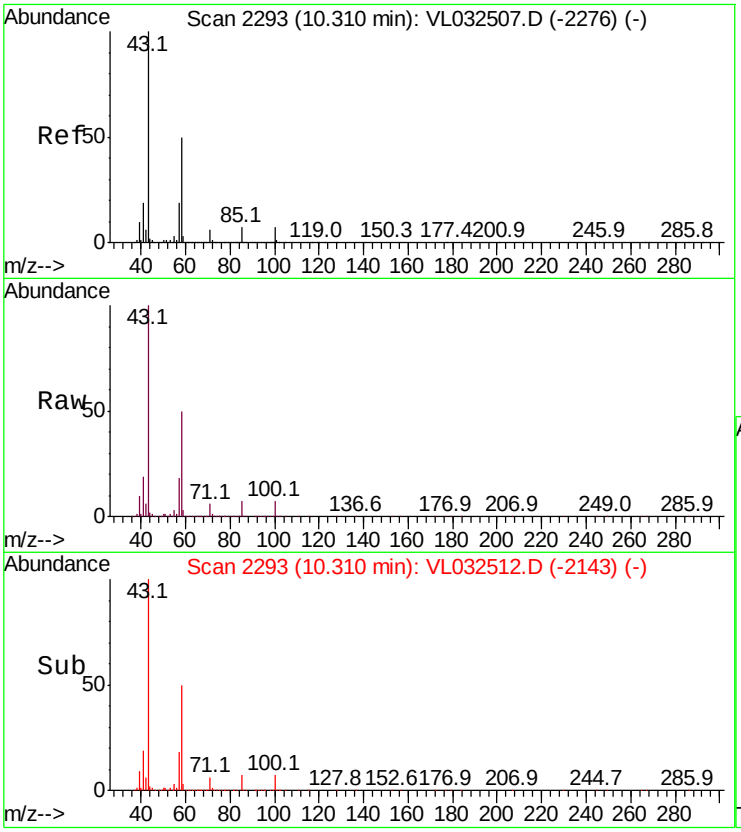


#50
4-Methyl-2-Pentanone
Concen: 9.673 ppbv
RT: 8.90 min Scan# 1856
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 43 Resp: 3442010

Ion	Ratio	Lower	Upper
43	100		
58	36.9	29.0	43.4



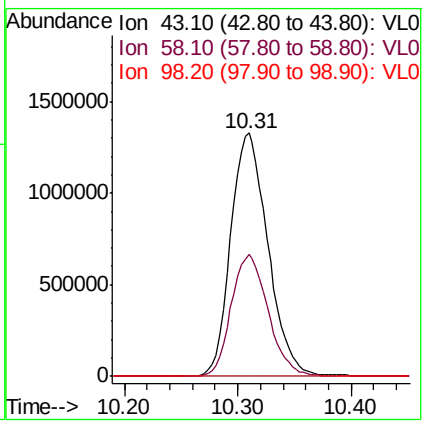


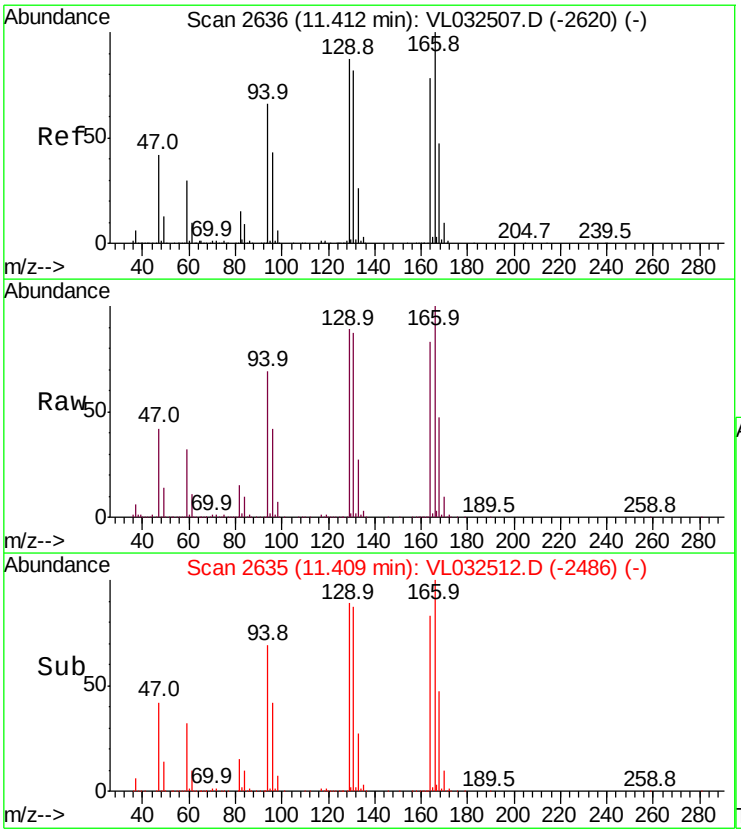
#51
2-Hexanone
Concen: 13.225 ppbv
RT: 10.31 min Scan# 2293
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 3031295

Ion	Ratio	Lower	Upper
43	100		
58	49.8	39.2	58.8
98	0.3	0.4	0.6#

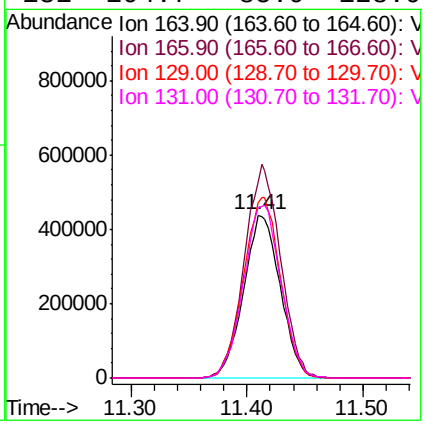


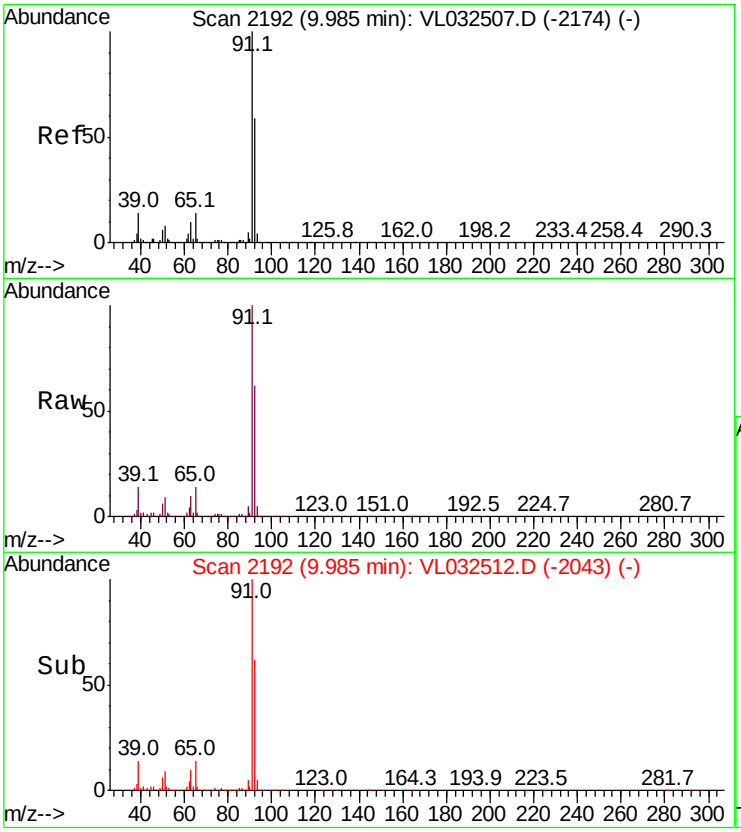


#52
Tetrachloroethene
Concen: 10.226 ppbv
RT: 11.41 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:164 Resp: 959637

Ion	Ratio	Lower	Upper
164	100		
166	120.2	100.6	150.8
129	107.5	89.9	134.9
131	104.7	85.9	128.9



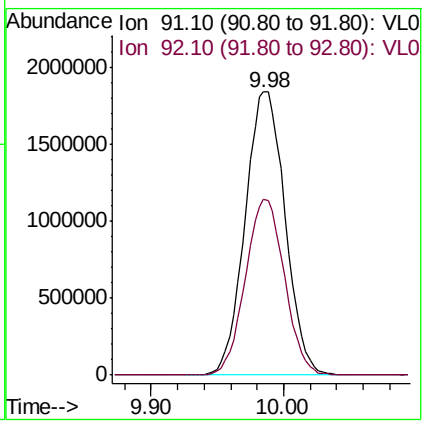


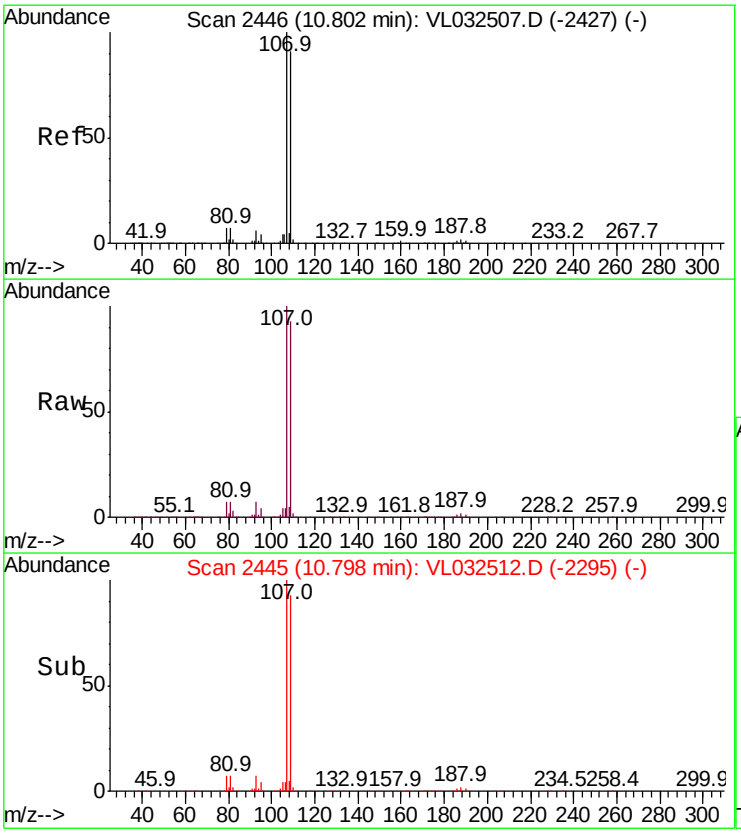
#53
Toluene
Concen: 12.203 ppbv
RT: 9.98 min Scan# 2192
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 3860409

Ion	Ratio	Lower	Upper
91	100		
92	60.9	48.1	72.1

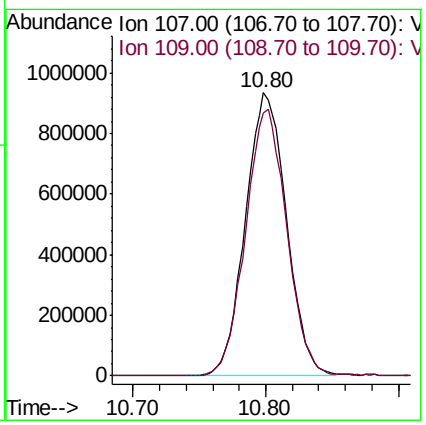


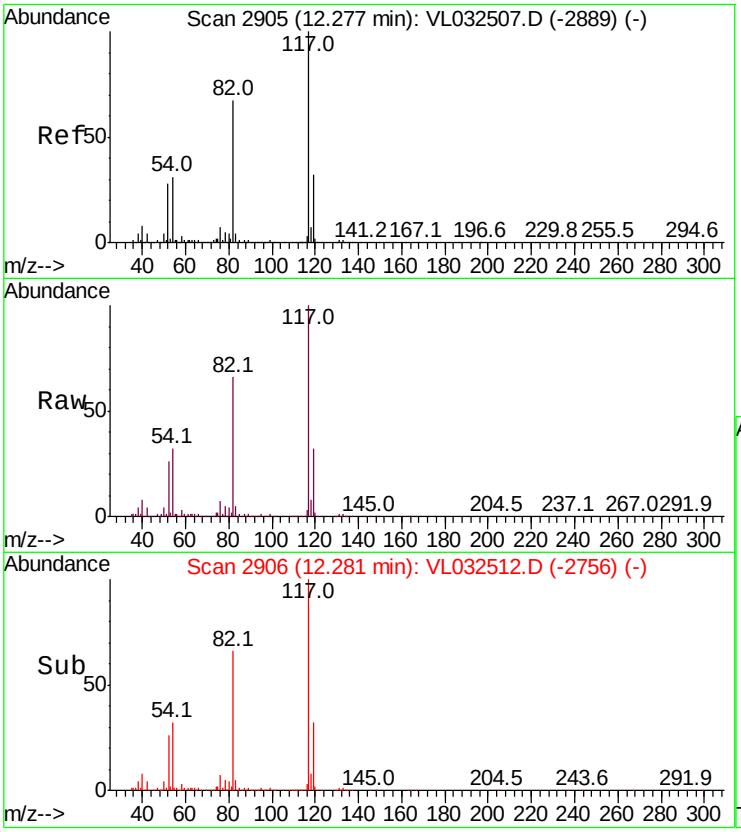


#54
1,2-Dibromoethane
Concen: 10.910 ppbv
RT: 10.80 min Scan# 2445
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:107 Resp: 2016588

Ion	Ratio	Lower	Upper
107	100		
109	93.1	73.9	110.9



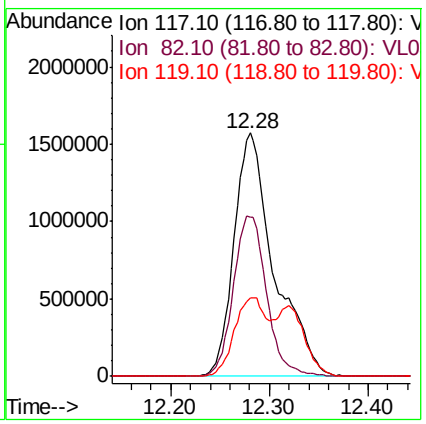


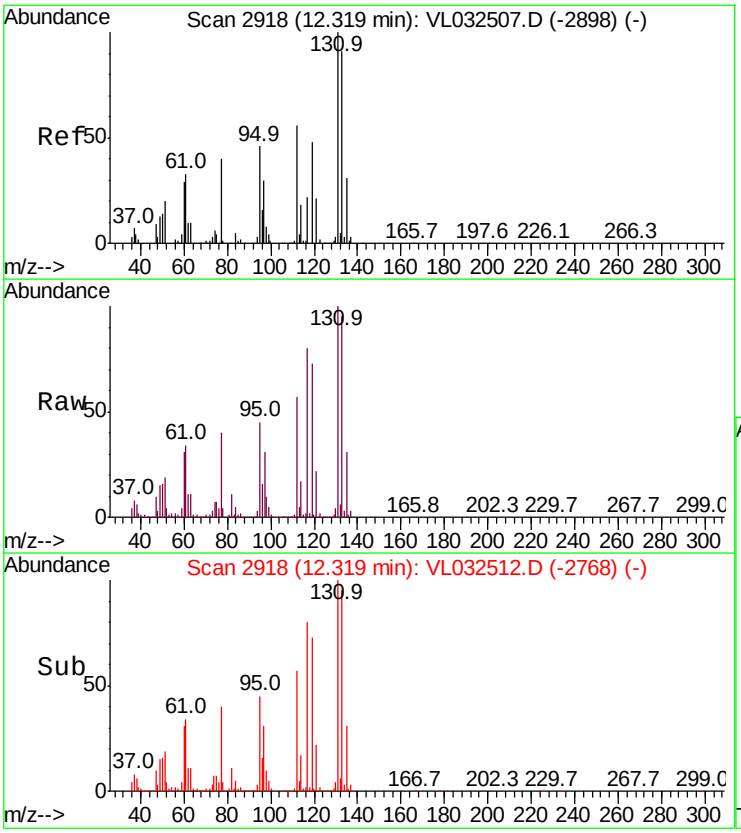
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.28 min Scan# 2906
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:117 Resp: 4442121

Ion	Ratio	Lower	Upper
117	100		
82	54.6	53.0	79.6
119	25.2	45.9	68.9#

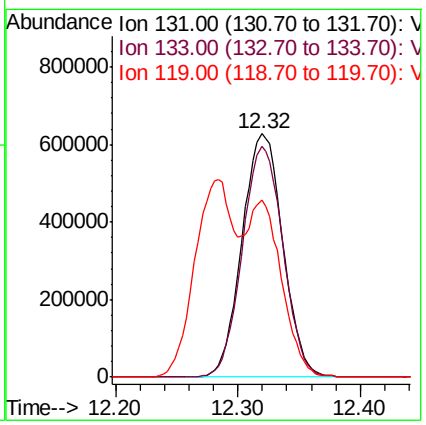


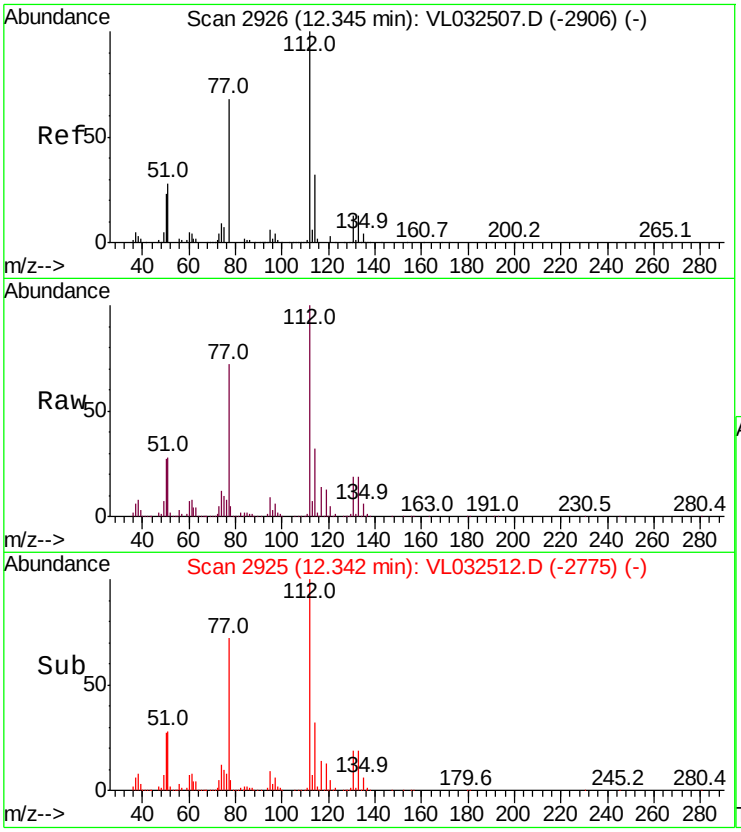


#56
1,1,1,2-Tetrachloroethane
Concen: 7.253 ppbv
RT: 12.32 min Scan# 2918
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:131 Resp: 1452459

Ion	Ratio	Lower	Upper
131	100		
133	94.6	77.0	115.4
119	61.2	114.2	171.2#



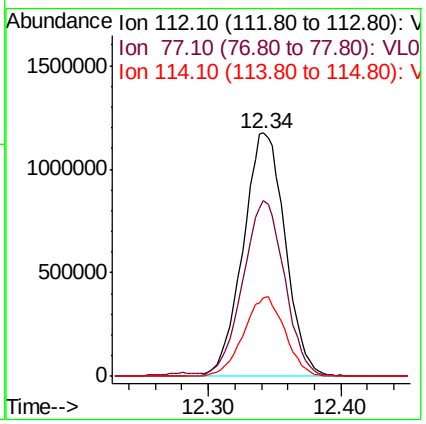


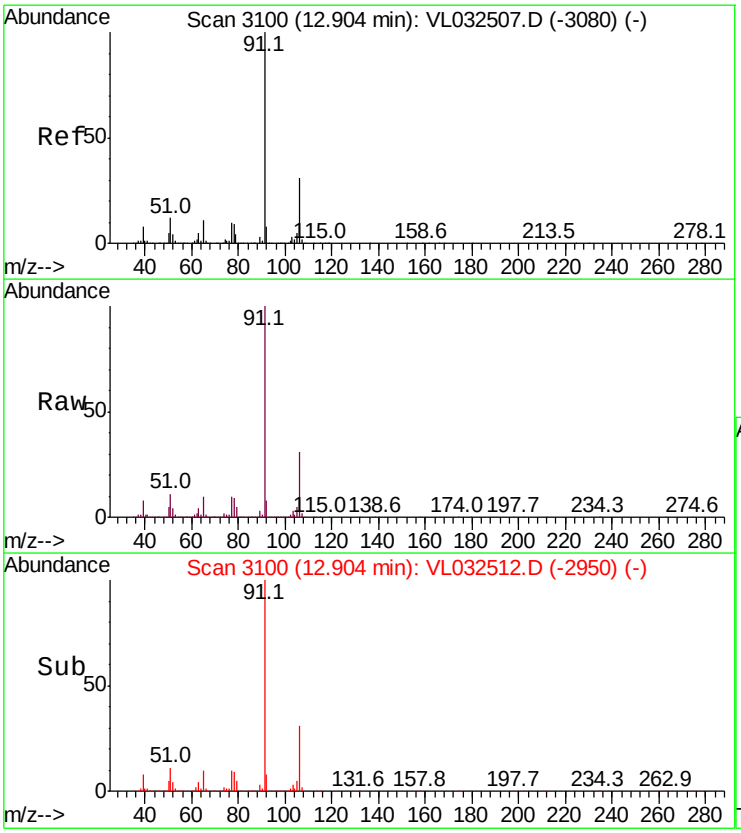
#57
Chlorobenzene
Concen: 7.310 ppbv
RT: 12.34 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:112 Resp: 2595130

Ion	Ratio	Lower	Upper
112	100		
77	71.9	56.1	84.1
114	32.1	27.8	34.0

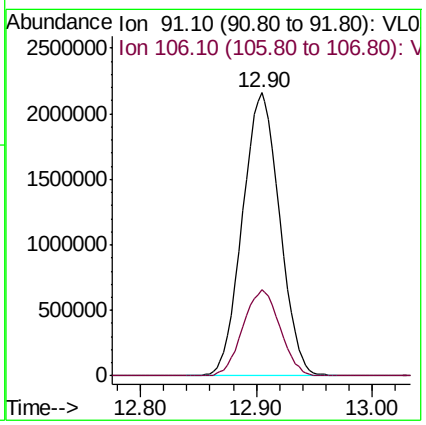


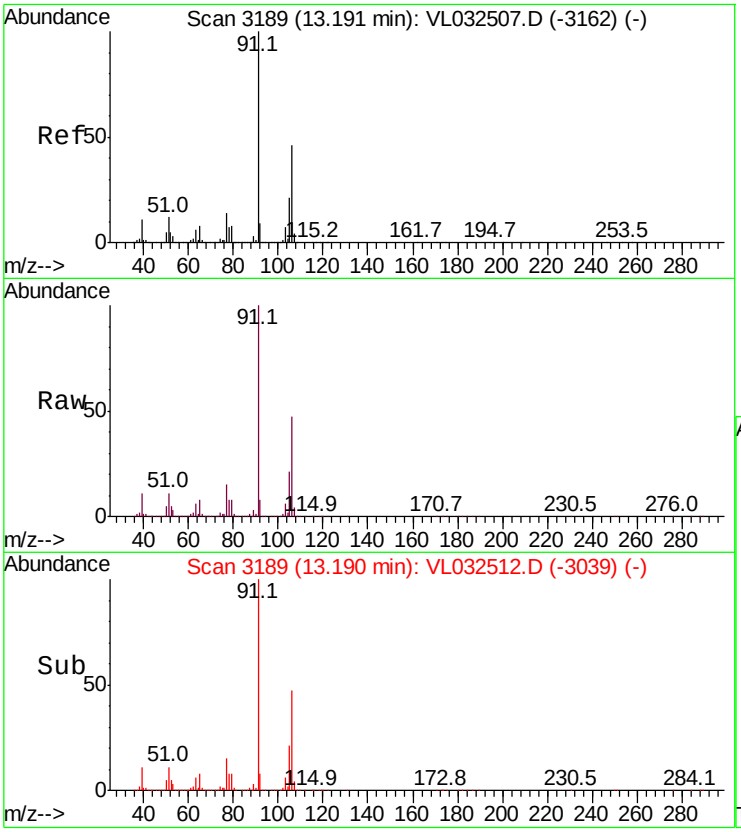


#58
Ethyl Benzene
Concen: 9.081 ppbv
RT: 12.90 min Scan# 3100
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 91 Resp: 4827528

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.8	37.2



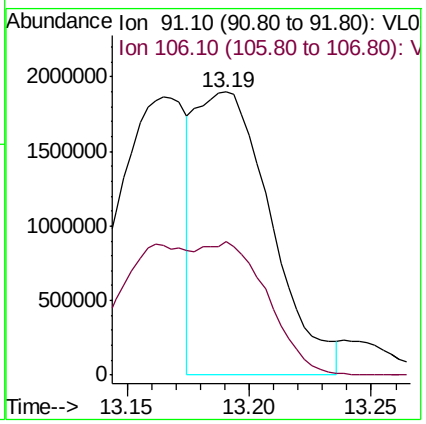


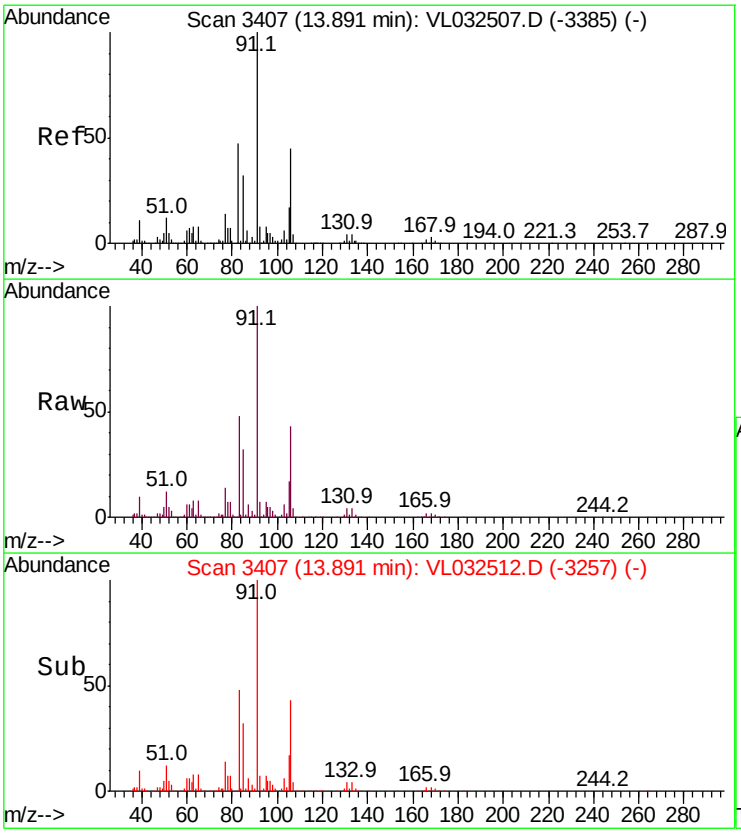
#59
m/p-Xylene
Concen: 8.589 ppbv
RT: 13.19 min Scan# 3189
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4070515

Ion	Ratio	Lower	Upper
91	100		
106	87.3	36.6	55.0#

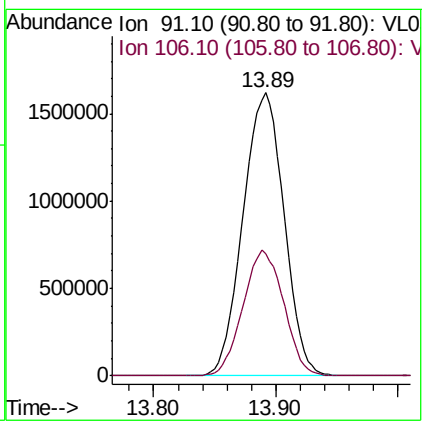


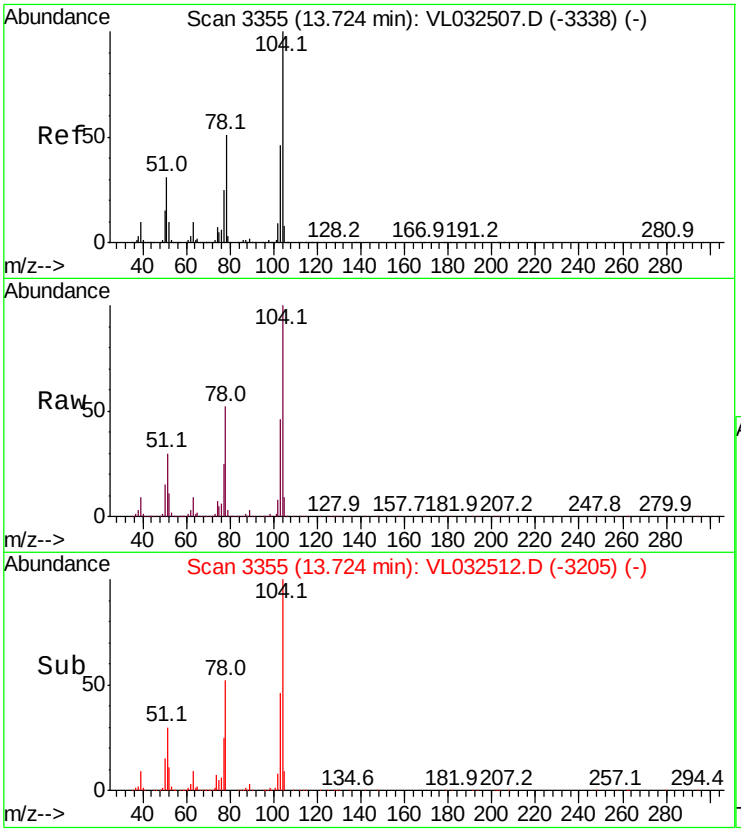


#60
o-Xylene
Concen: 8.087 ppbv
RT: 13.89 min Scan# 3407
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 91 Resp: 3764832

Ion	Ratio	Lower	Upper
91	100		
106	44.0	21.9	65.7



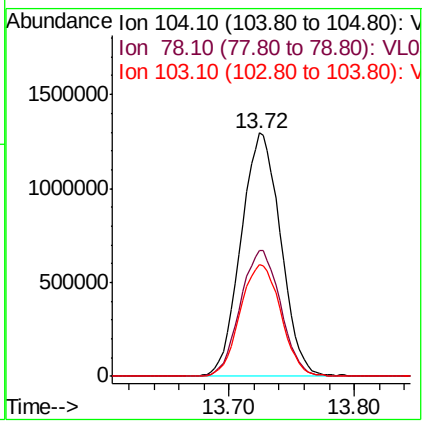


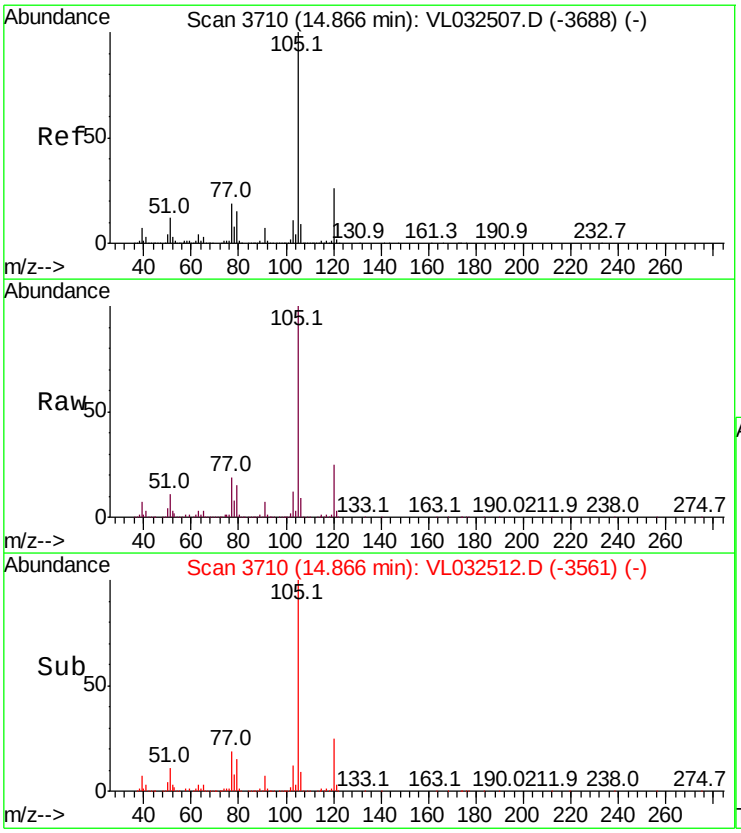
#61
Stvrene
Concen: 9.440 ppbv
RT: 13.72 min Scan# 3355
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:104 Resp: 2845173

Ion	Ratio	Lower	Upper
104	100		
78	52.7	41.8	62.8
103	47.1	38.0	57.0

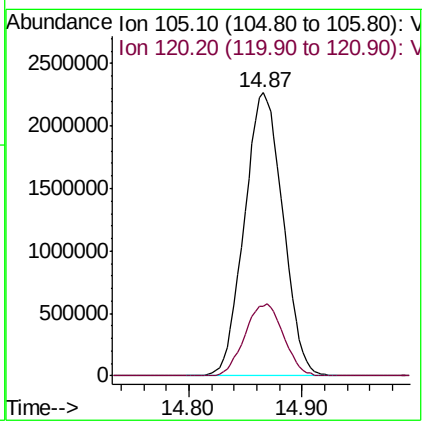


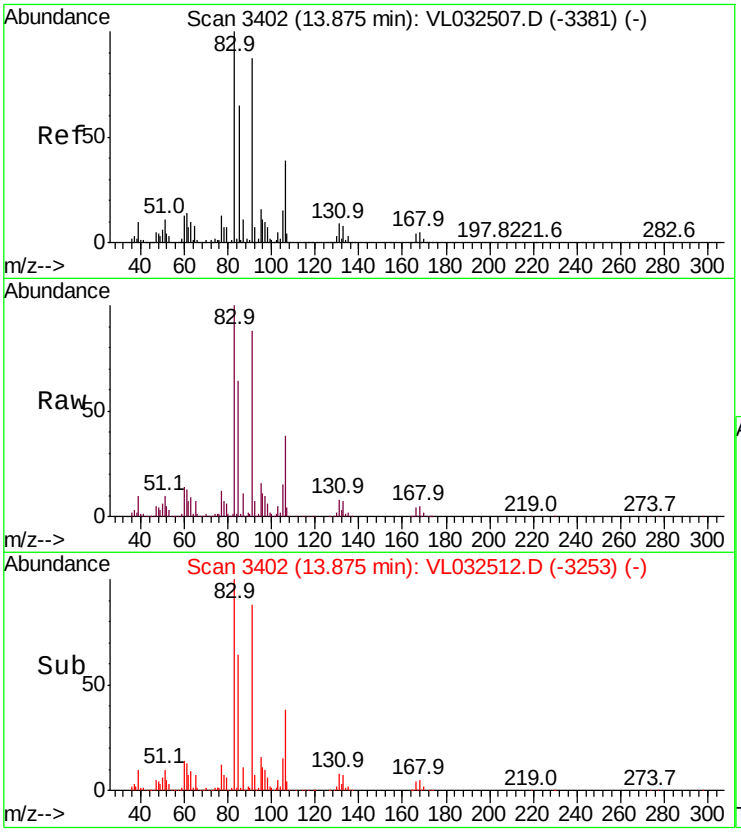


#62
Isopropylbenzene
Concen: 8.171 ppbv
RT: 14.87 min Scan# 3710
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:105 Resp: 5347442

Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.6	31.0



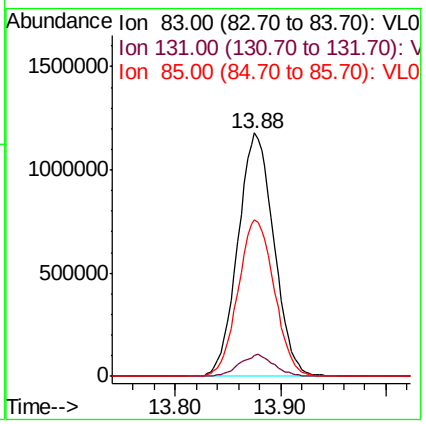


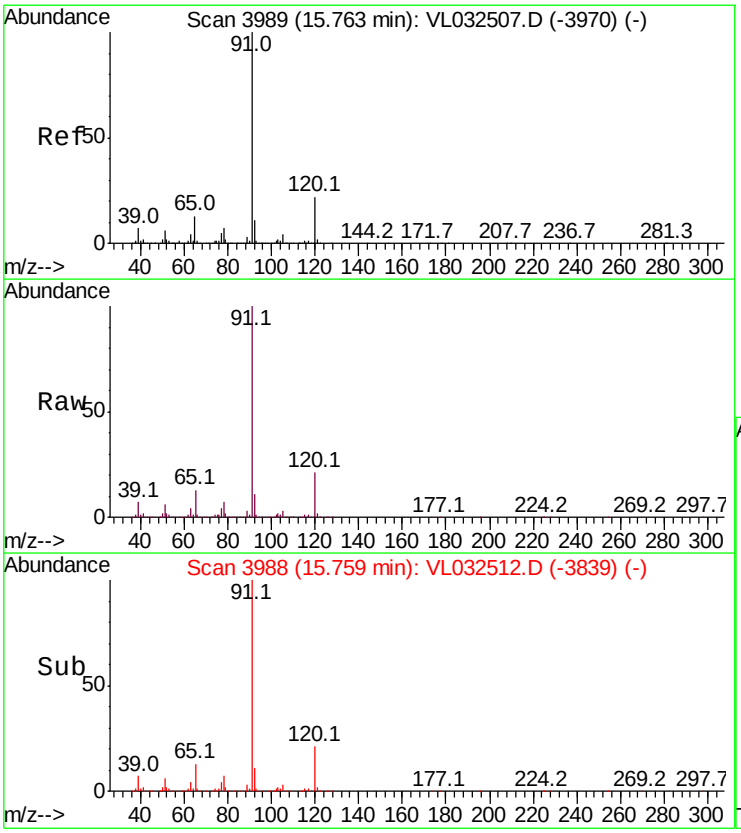
#63
1,1,2,2-Tetrachloroethane
Concen: 6.717 ppbv
RT: 13.88 min Scan# 3402
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 83 Resp: 2795980

Ion	Ratio	Lower	Upper
83	100		
131	8.5	4.3	12.8
85	64.9	32.3	96.8

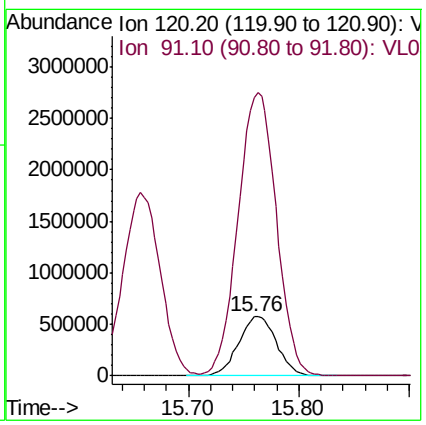


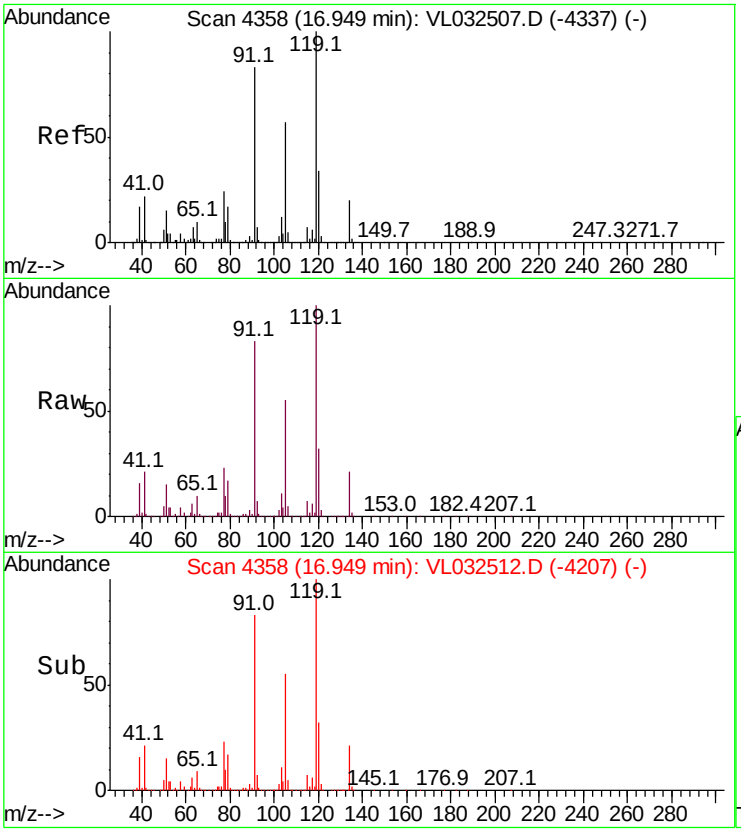


#64
n-propylbenzene
Concen: 7.971 ppbv
RT: 15.76 min Scan# 3988
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:120 Resp: 1363653

Ion	Ratio	Lower	Upper
120	100		
91	486.2	381.8	572.6



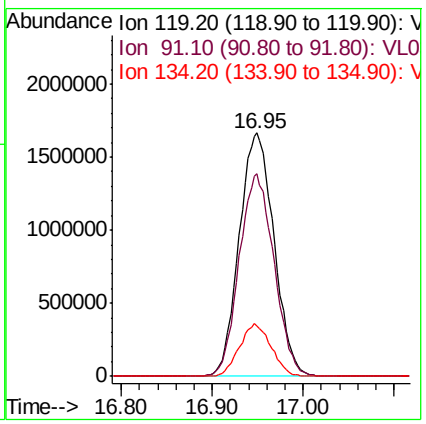


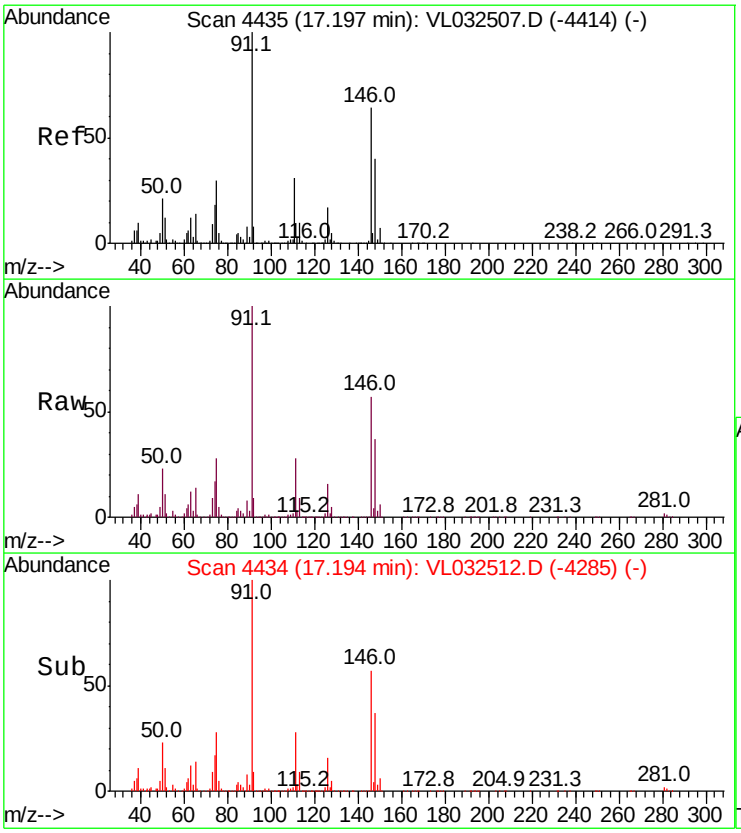
#65
tert-Butylbenzene
Concen: 7.810 ppbv
RT: 16.95 min Scan# 4358
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 4404225

Ion	Ratio	Lower	Upper
119	100		
91	83.3	66.5	99.7
134	19.8	16.0	24.0

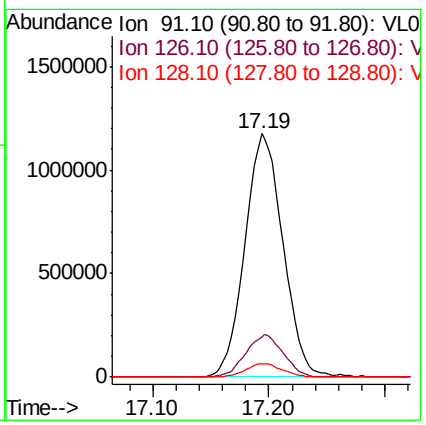


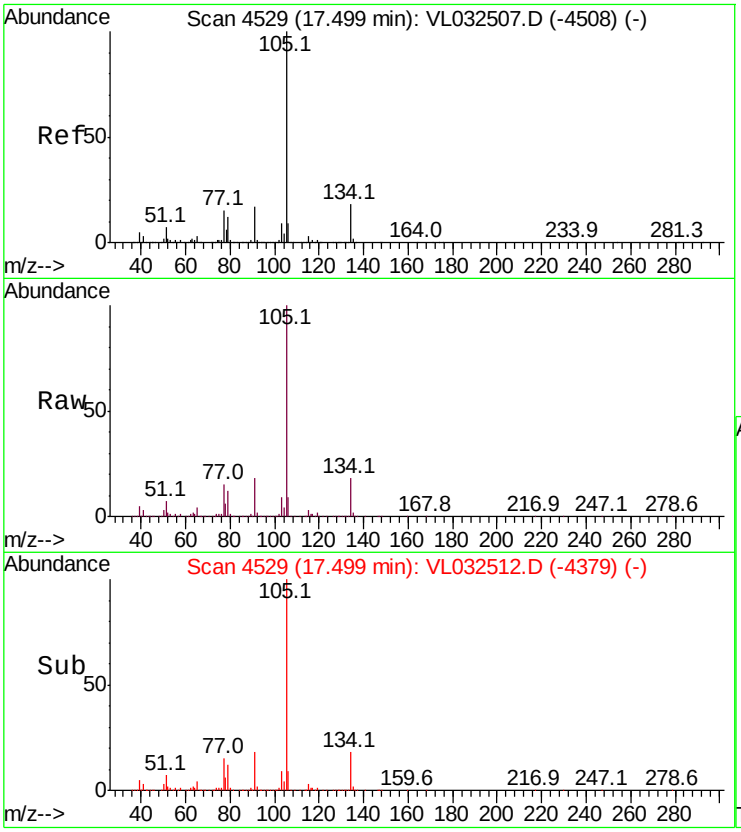


#66
Benzyl Chloride
Concen: 8.525 ppbv
RT: 17.19 min Scan# 4434
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 91 Resp: 2678275

Ion	Ratio	Lower	Upper
91	100		
126	17.4	13.8	20.8
128	5.5	4.4	6.6



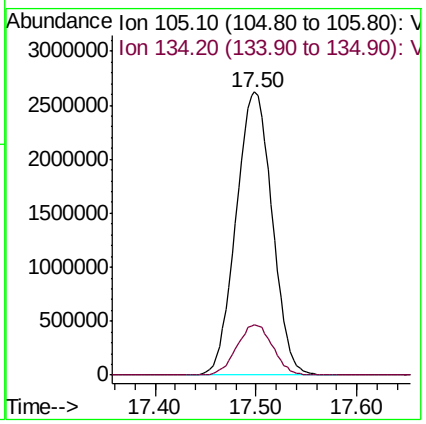


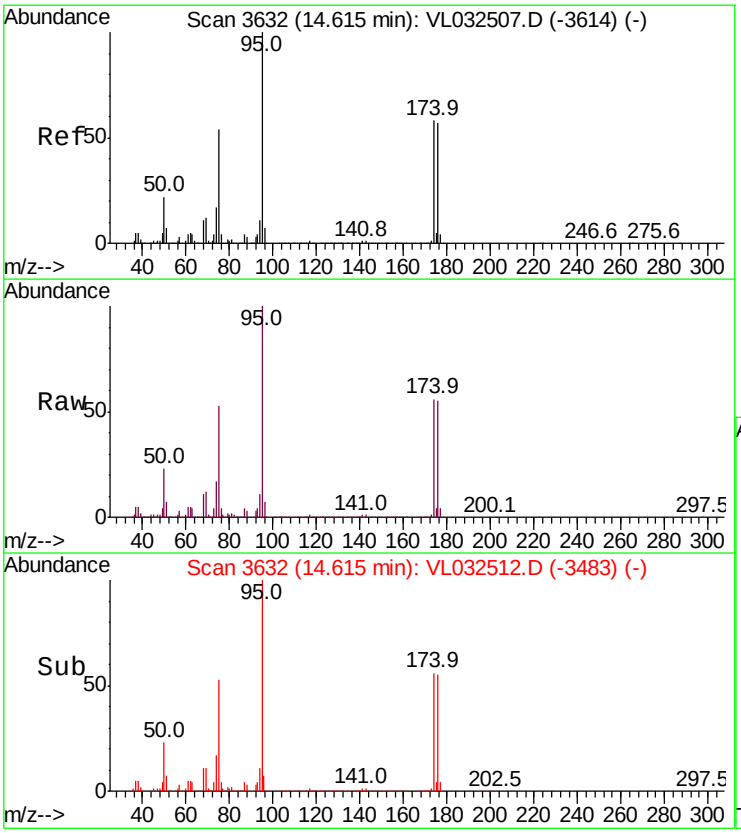
#67
sec-Butylbenzene
Concen: 7.663 ppbv
RT: 17.50 min Scan# 4529
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 6498771

Ion	Ratio	Lower	Upper
105	100		
134	17.8	14.4	21.6

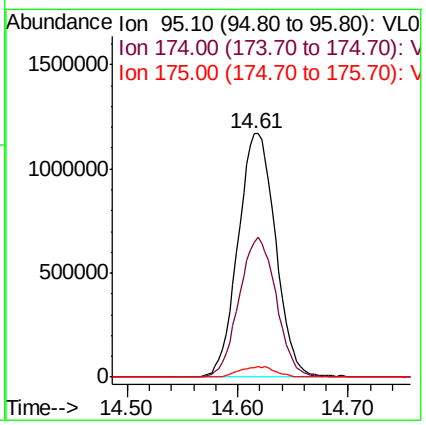


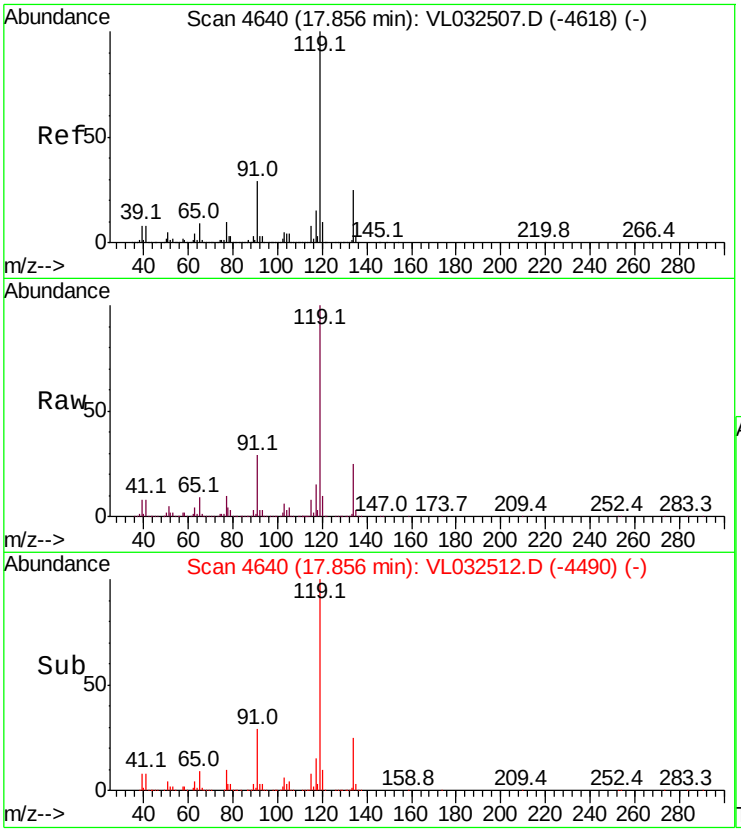


#68
1-Bromo-4-Fluorobenzene
Concen: 8.345 ppbv
RT: 14.61 min Scan# 3632
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 95 Resp: 2752289

Ion	Ratio	Lower	Upper
95	100		
174	57.4	46.3	69.5
175	4.3	3.4	5.0



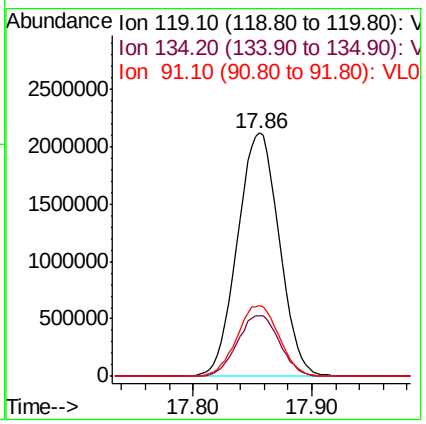


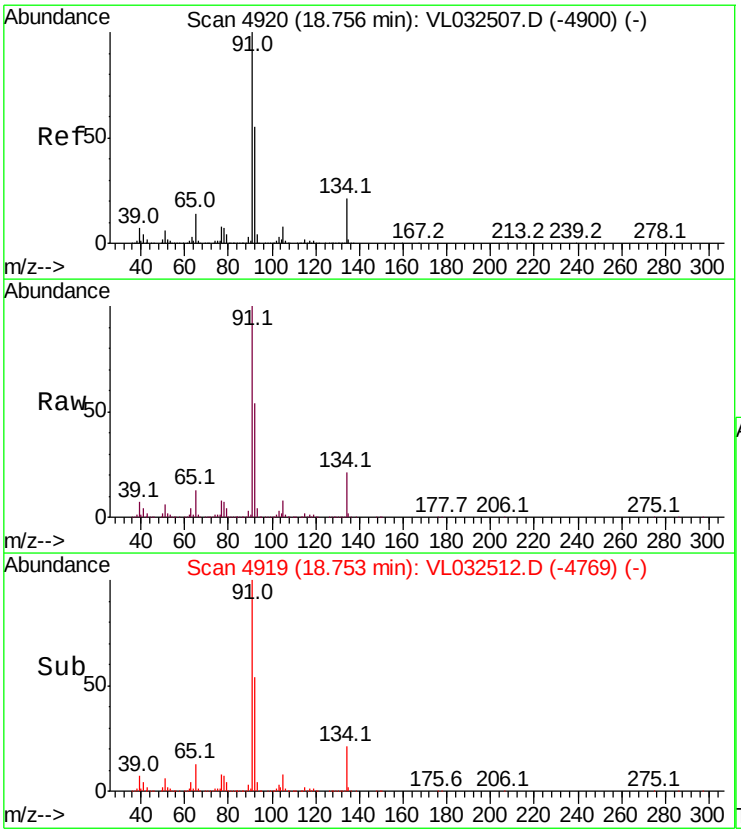
#69
p-Isopropyltoluene
Concen: 7.836 ppbv
RT: 17.86 min Scan# 4640
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:119 Resp: 5150288

Ion	Ratio	Lower	Upper
119	100		
134	25.2	20.4	30.6
91	29.3	23.4	35.2

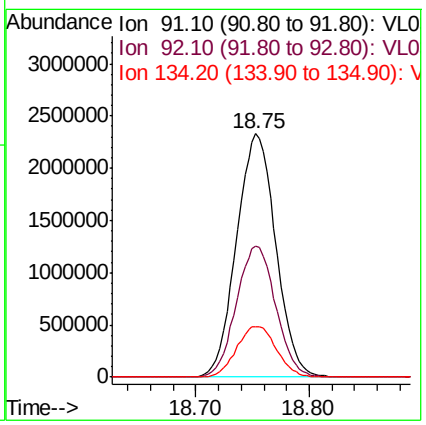


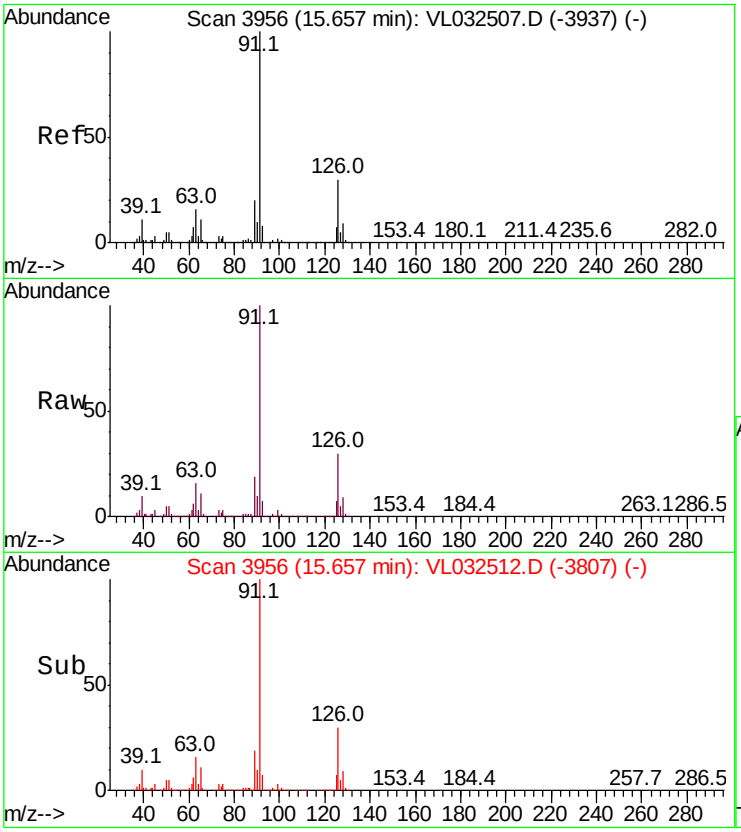


#70
n-Butylbenzene
Concen: 7.500 ppbv
RT: 18.75 min Scan# 4919
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion: 91 Resp: 5587805

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.8	65.8
134	21.3	17.4	26.0



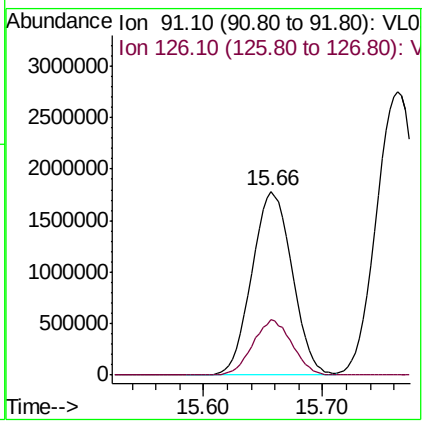


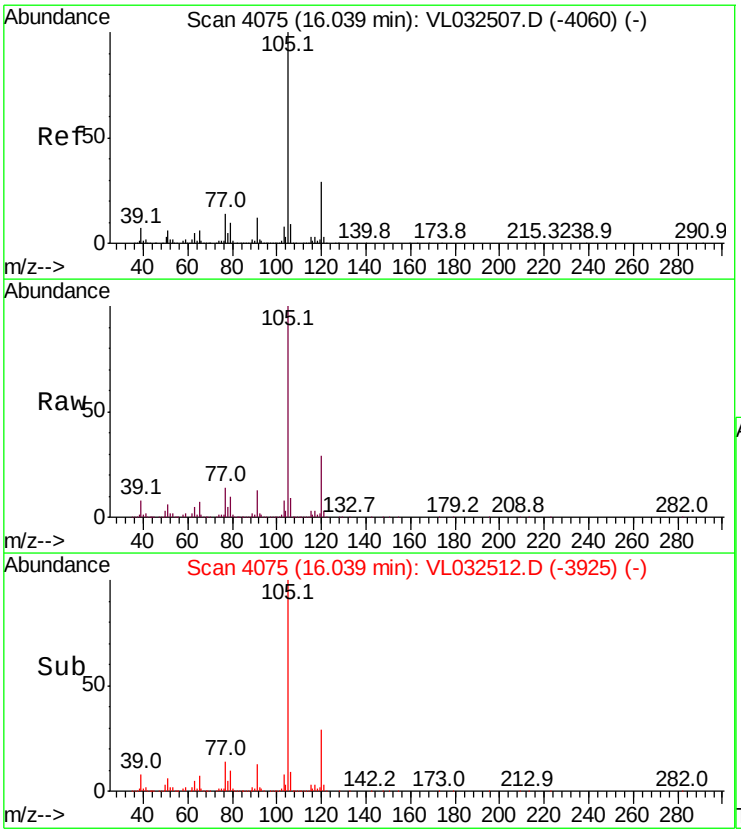
#71
2-Chlorotoluene
Concen: 8.364 ppbv
RT: 15.66 min Scan# 3956
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 4181525

Ion	Ratio	Lower	Upper
91	100		
126	29.2	11.9	47.7

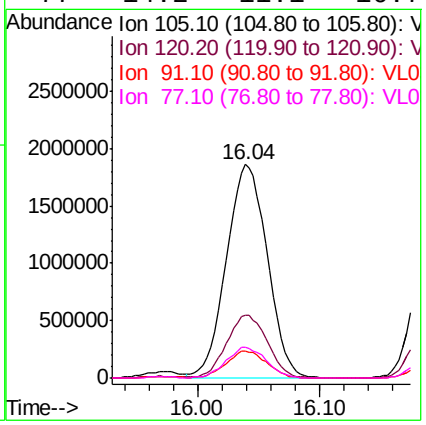


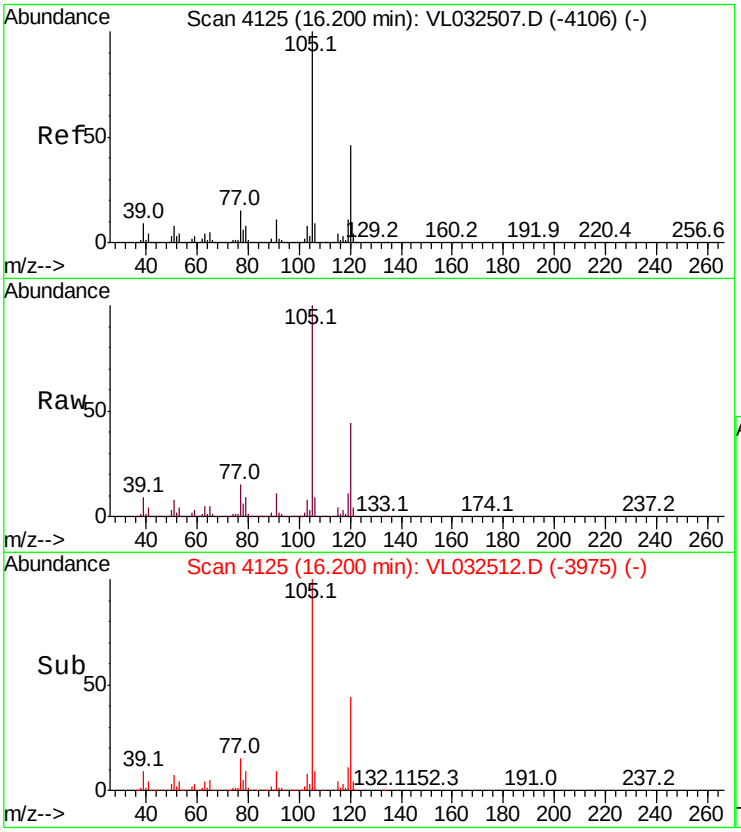


#72
4-Ethyltoluene
Concen: 8.482 ppbv
RT: 16.04 min Scan# 4075
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:105 Resp: 4311167

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.5	35.3
91	12.5	10.2	15.2
77	14.2	11.1	16.7



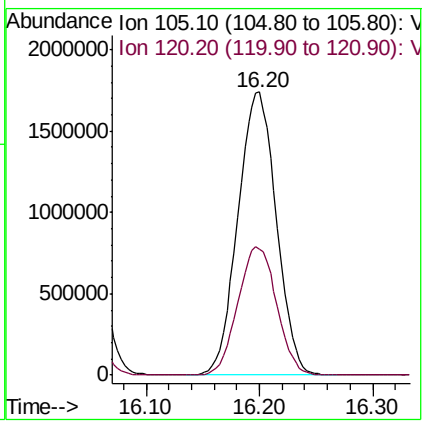


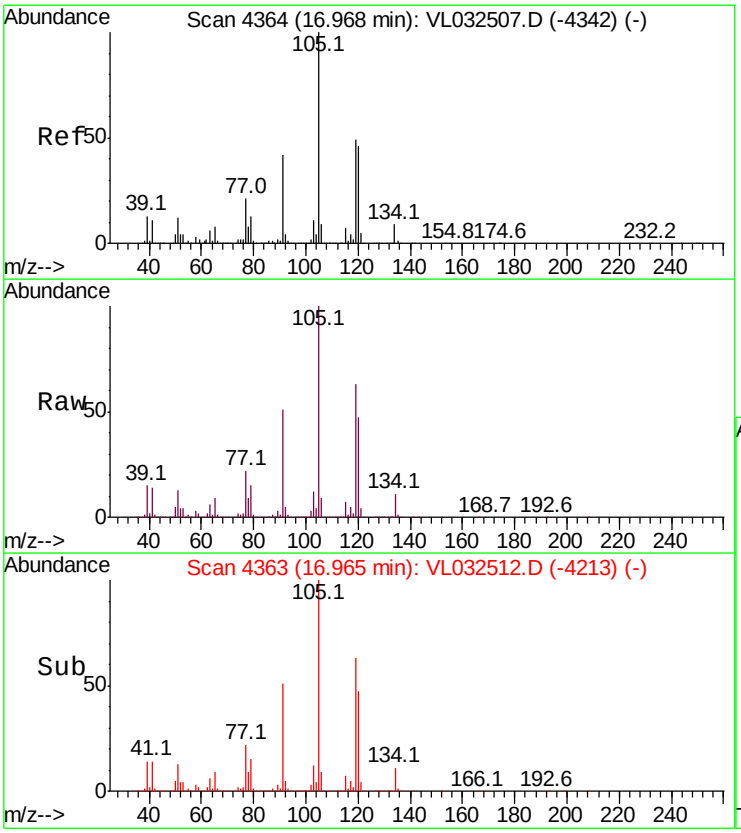
#73
1,3,5-Trimethylbenzene
Concen: 8.043 ppbv
RT: 16.20 min Scan# 4125
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 4095785

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.9	56.9

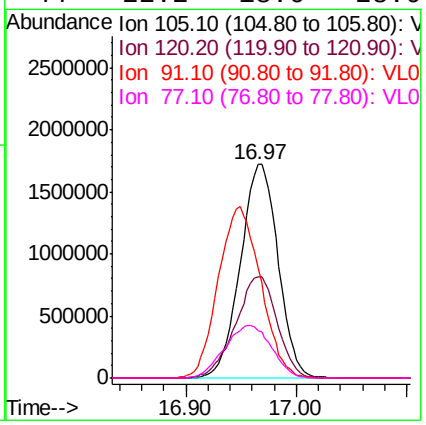


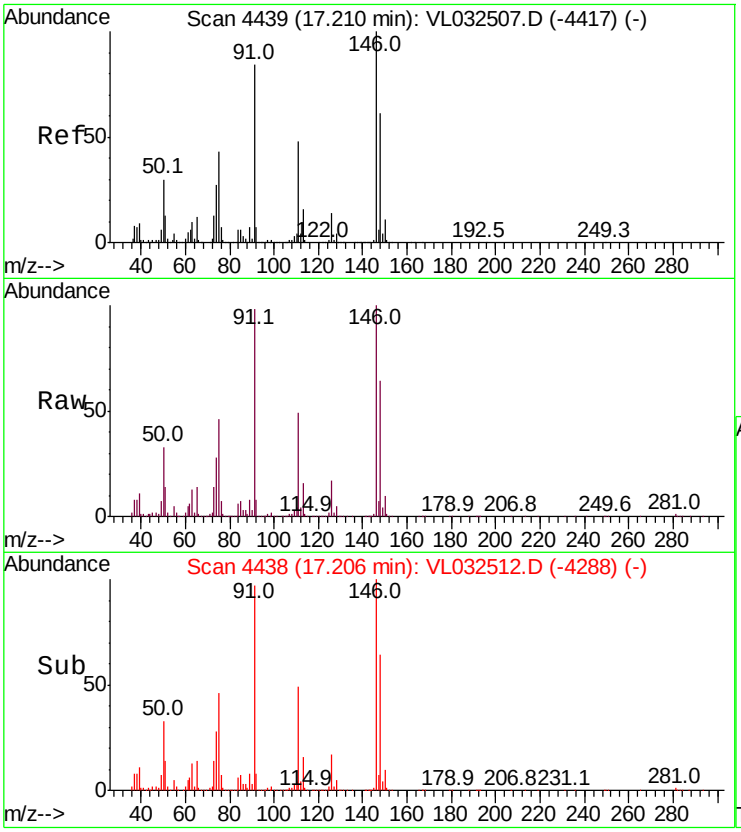


#74
1,2,4-Trimethylbenzene
Concen: 7.303 ppbv
RT: 16.97 min Scan# 4363
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:105 Resp: 4065751

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.8	56.8
91	51.2	41.4	62.0
77	22.2	18.6	28.0



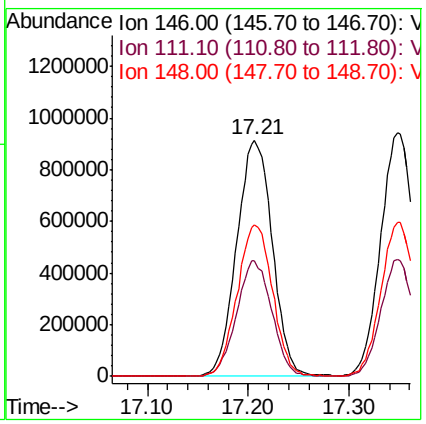


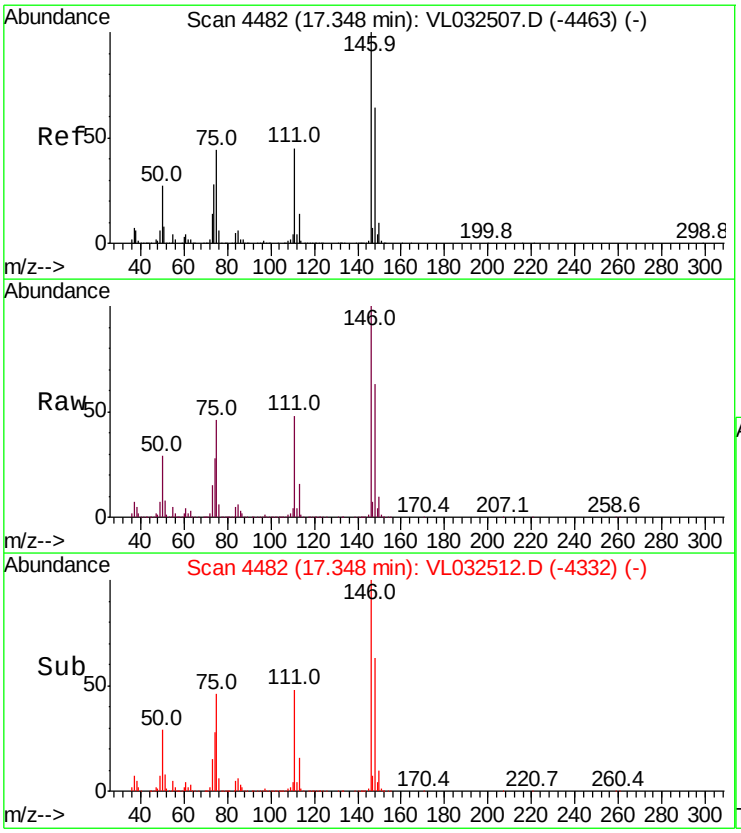
#75
1,3-Dichlorobenzene
Concen: 6.792 ppbv
RT: 17.21 min Scan# 4438
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 2243575

Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.5	73.5
148	63.5	32.0	96.2

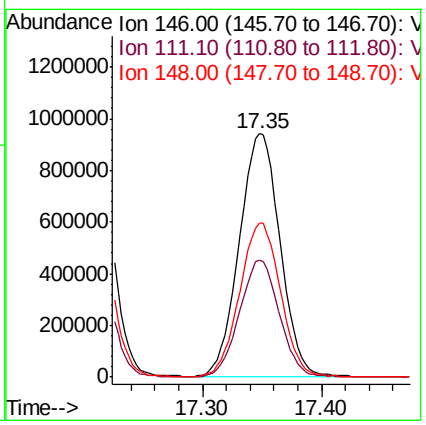


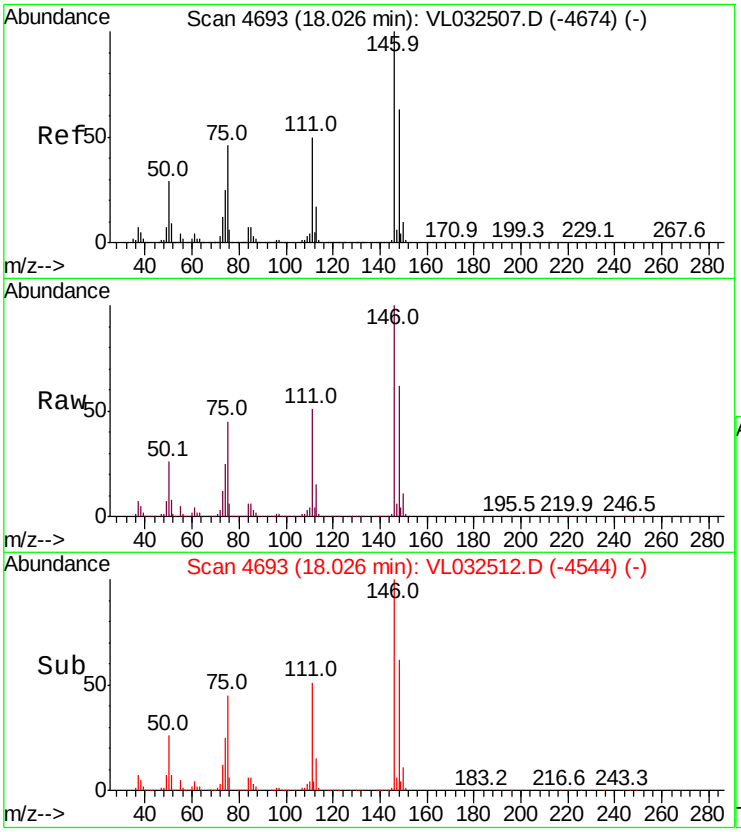


#76
1,4-Dichlorobenzene
Concen: 7.243 ppbv
RT: 17.35 min Scan# 4482
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:146 Resp: 2220005

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.4	70.2
148	63.8	32.0	96.2



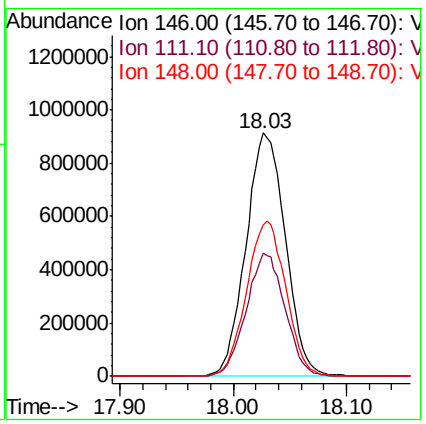


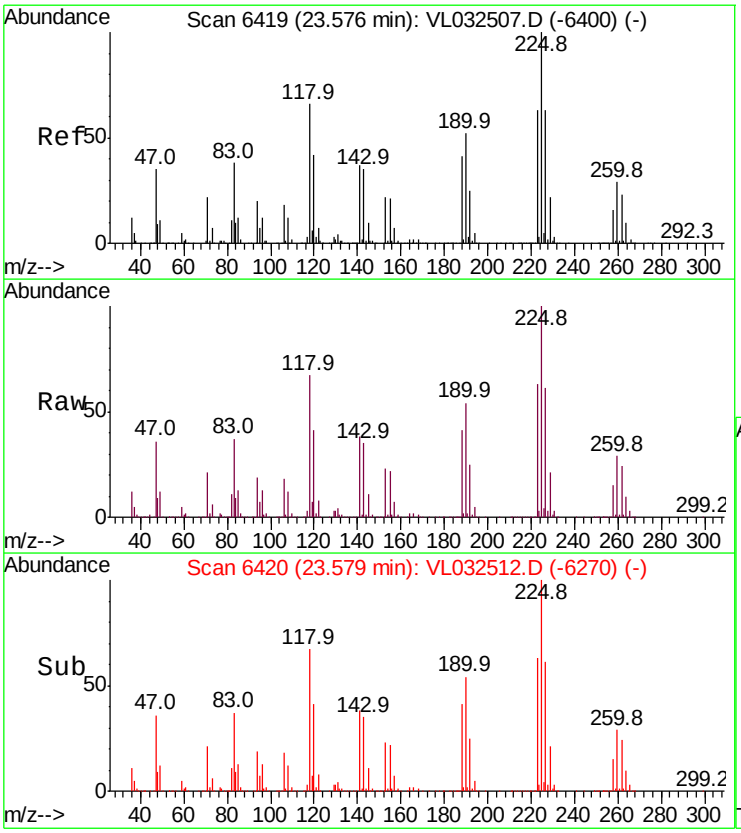
#77
1,2-Dichlorobenzene
Concen: 6.934 ppbv
RT: 18.03 min Scan# 4693
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion:146 Resp: 2209937

Ion	Ratio	Lower	Upper
146	100		
111	49.8	24.9	74.8
148	63.7	32.0	96.0

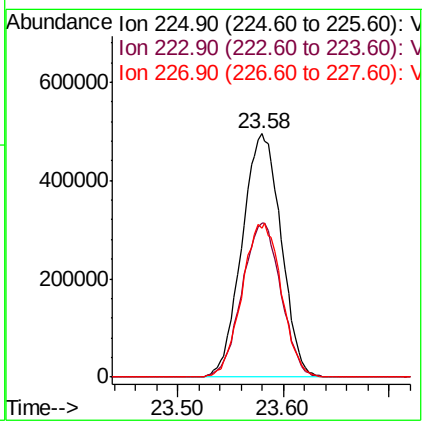


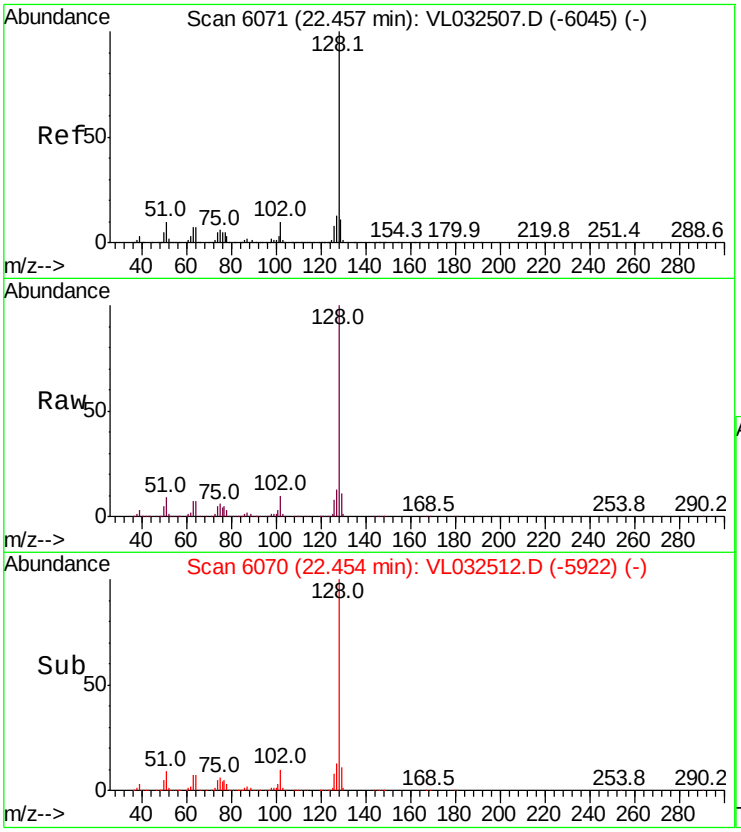


#78
Hexachloro-1,3-Butadiene
Concen: 10.733 ppbv
RT: 23.58 min Scan# 6420
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:225 Resp: 1278073

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.6	76.0
227	63.5	51.2	76.8



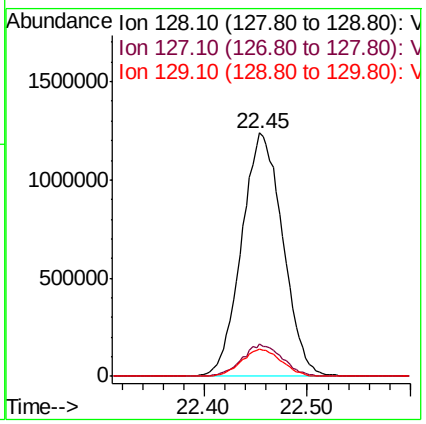


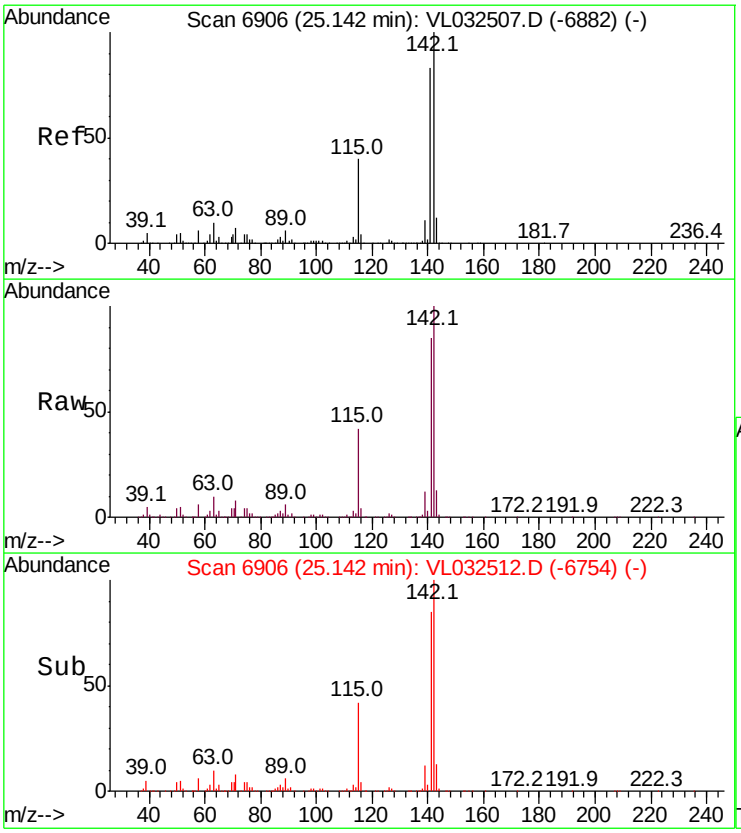
#79
Naphthalene
Concen: 7.598 ppbv
RT: 22.45 min Scan# 6070
Delta R.T. -0.02 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:128 Resp: 3439607

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.5	12.7

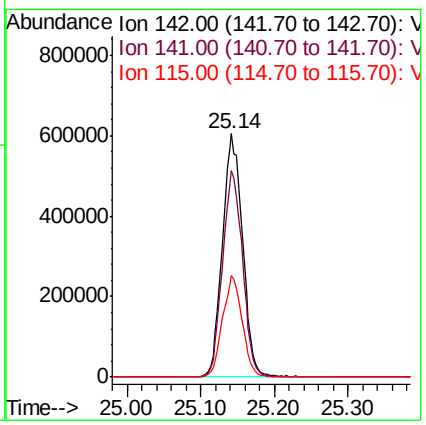


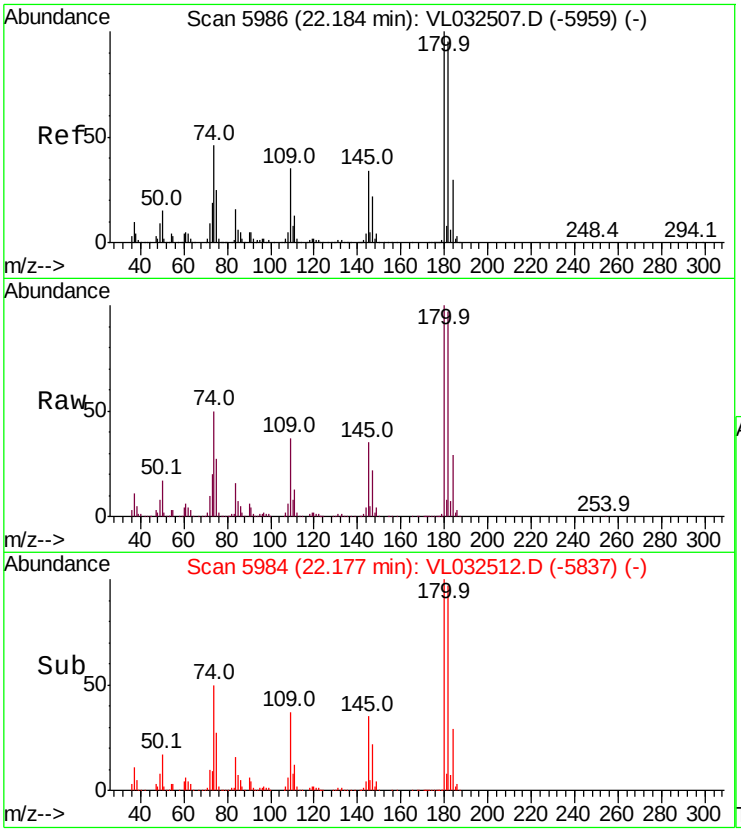


#80
Naphthalene,2-methyl-
Concen: 9.561 ppbv
RT: 25.14 min Scan# 6906
Delta R.T. -0.01 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Tgt Ion:142 Resp: 1151697

Ion	Ratio	Lower	Upper
142	100		
141	83.8	67.0	100.6
115	40.5	31.3	46.9





#81
1,2,4-Trichlorobenzene
Concen: 3.782 ppbv
RT: 22.18 min Scan# 5984
Delta R.T. -0.03 min
Lab File: VL032512.D
Acq: 20 Sep 2018 18:22

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:180 Resp: 862270

Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.1	114.1#
184	0.0	23.8	35.8#