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

Quantitation Report (Not Reviewed)

Data File : VL032654.D
Acq On : 18 Oct 2018 16:47
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 18 17:11:02 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	1681042	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.31	114	4224410	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	4275144	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	3119050	9.69	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 96.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	262339	1.582	ppbv	98
3) Chlorodifluoromethane	3.02	51	281111	1.999	ppbv	97
4) Chloromethane	3.18	50	158005	2.058	ppbv	97
5) Vinyl Chloride	3.30	62	156525	2.023	ppbv	100
6) Bromomethane	3.53	94	99542	2.037	ppbv	97
7) Chloroethane	3.61	64	60360	1.993	ppbv	96
8) Dichlorotetrafluoroethane	3.23	85	382487	2.018	ppbv	94
9) Propene	3.05	41	113901	2.209	ppbv	98
10) Heptane	8.26	43	453393	2.348	ppbv	100
11) Trichlorofluoromethane	4.02	101	493507	2.285	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.56	101	411468	2.602	ppbv	92
13) Ethanol	3.67	45	13598	0.852	ppbv #	1
14) Bromoethene	3.80	108	129547	2.239	ppbv	100
15) Acetone	3.92	43	356765	2.385	ppbv	99
16) 1,3-Butadiene	3.37	39	122425	2.210	ppbv	85
17) tert-Butyl alcohol	4.38	59	120833	8.850	ppbv #	100
18) 1,1-Dichloroethene	4.36	96	189340	2.655	ppbv	92
19) Isopropyl Alcohol	4.04	45	243634	2.306	ppbv	99
20) Methylene Chloride	4.42	84	175140	2.613	ppbv	93
21) Allyl Chloride	4.49	41	295082	2.628	ppbv	99
22) trans-1,2-Dichloroethene	4.98	96	174191	2.115	ppbv	86
23) Vinyl Acetate	5.17	43	596387	2.506	ppbv	100
24) 1,1-Dichloroethane	5.10	63	467572	2.119	ppbv	100
25) Ethyl Acetate	5.78	43	756995	2.139	ppbv	99
26) Hexane	5.79	57	368656	2.312	ppbv	96
27) Carbon Disulfide	4.63	76	448991	2.330	ppbv	98
28) Methyl tert-Butyl Ether	5.13	73	550929	2.750	ppbv	99
29) Chloroform	5.86	83	593226	2.123	ppbv	99
30) Cyclohexane	7.26	84	292896	2.329	ppbv	88
31) cis-1,2-Dichloroethene	5.65	61	353557	2.308	ppbv	96
32) 1,1,1-Trichloroethane	6.63	97	580213	2.081	ppbv	99
34) 2-Butanone	5.35	43	493201	2.104	ppbv	99
35) Carbon Tetrachloride	7.15	117	616107	1.882	ppbv	98
36) Benzene	7.02	78	740023	2.161	ppbv	97
37) 1,2-Dichloroethane	6.43	62	449427	1.914	ppbv	98
38) Trichloroethene	7.98	130	279757	2.173	ppbv	97
39) 1,2-Dichloropropane	7.75	63	273812	1.966	ppbv	97
40) 1,4-Dioxane	7.99	88	89878	1.868	ppbv #	87
41) Tetrahydrofuran	6.17	42	269919	2.170	ppbv	99
42) Bromodichloromethane	7.93	83	617496	1.929	ppbv	95
43) Methyl Methacrylate	8.16	69	271114	2.042	ppbv	98

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

Quantitation Report (Not Reviewed)

Data File : VL032654.D
Acq On : 18 Oct 2018 16:47
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 18 17:11:02 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)
44) 2,2,4-Trimethylpentane	8.00	57	1277341	2.104	ppbv		99
45) t-1,3-Dichloropropene	9.43	75	355383	2.047	ppbv		93
46) cis-1,3-Dichloropropene	8.85	75	405931	2.054	ppbv		94
47) 1,1,2-Trichloroethane	9.63	97	334224	2.008	ppbv		96
48) Dibromochloromethane	10.47	129	558477	1.975	ppbv		100
49) Bromoform	13.22	173	440726	2.063	ppbv		99
50) 4-Methyl-2-Pentanone	8.89	43	729882	2.115	ppbv		99
51) 2-Hexanone	10.30	43	562876	2.074	ppbv	#	97
52) Tetrachloroethene	11.39	164	165402	1.467	ppbv		97
53) Toluene	9.96	91	872262	2.234	ppbv		99
54) 1,2-Dibromoethane	10.77	107	436519	1.831	ppbv		96
56) 1,1,1,2-Tetrachloroethane	12.30	131	390623	1.990	ppbv	#	1
57) Chlorobenzene	12.32	112	655150	2.015	ppbv		95
58) Ethyl Benzene	12.88	91	1096606	2.284	ppbv		98
59) m/p-Xylene	13.16	91	873733	2.039	ppbv	#	31
60) o-Xylene	13.87	91	934753	2.189	ppbv		98
61) Styrene	13.70	104	640636	2.475	ppbv		98
62) Isopropylbenzene	14.84	105	1294660	2.128	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.85	83	676676	1.795	ppbv		98
64) n-propylbenzene	15.74	120	323538	2.099	ppbv		97
65) tert-Butylbenzene	16.92	119	1141211	2.211	ppbv		99
66) Benzyl Chloride	17.17	91	567982	1.951	ppbv		99
67) sec-Butylbenzene	17.47	105	1613953	2.077	ppbv		99
69) p-Isopropyltoluene	17.83	119	1304454	2.218	ppbv		99
70) n-Butylbenzene	18.73	91	1367463	2.111	ppbv		98
71) 2-Chlorotoluene	15.63	91	935883	2.081	ppbv		98
72) 4-Ethyltoluene	16.02	105	1012711	2.194	ppbv		99
73) 1,3,5-Trimethylbenzene	16.17	105	953592	2.077	ppbv		96
74) 1,2,4-Trimethylbenzene	16.94	105	1034614	2.047	ppbv	#	91
75) 1,3-Dichlorobenzene	17.18	146	586162	1.995	ppbv		98
76) 1,4-Dichlorobenzene	17.32	146	543071	2.028	ppbv		98
77) 1,2-Dichlorobenzene	18.00	146	560733	1.985	ppbv		98
78) Hexachloro-1,3-Butadiene	23.56	225	278117	1.759	ppbv		98
79) Naphthalene	22.43	128	682088	1.984	ppbv		100
80) Naphthalene,2-methyl-	25.13	142	121359	1.818	ppbv		98
81) 1,2,4-Trichlorobenzene	22.15	180	205113	1.202	ppbv	#	37

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

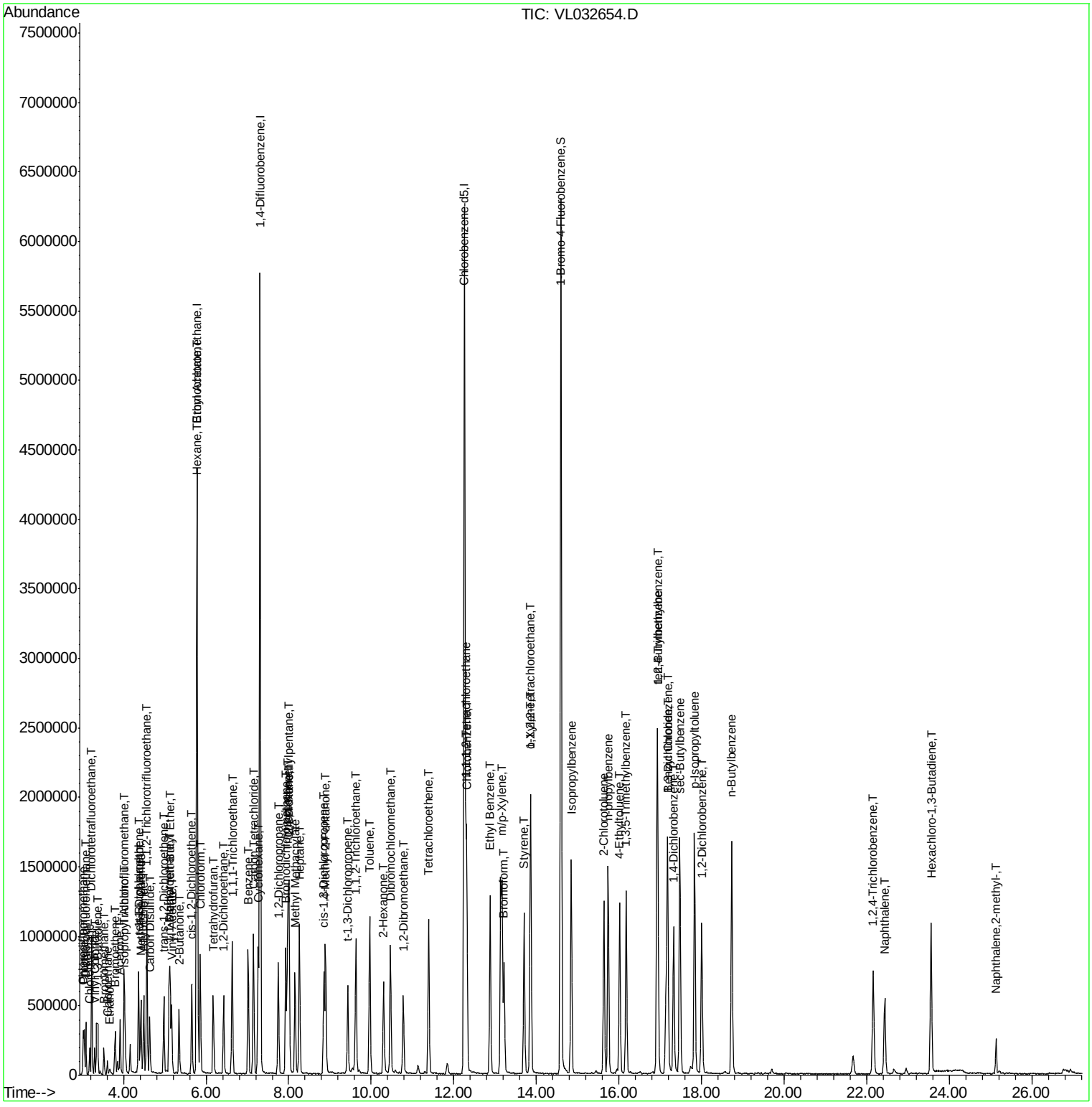
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101818\

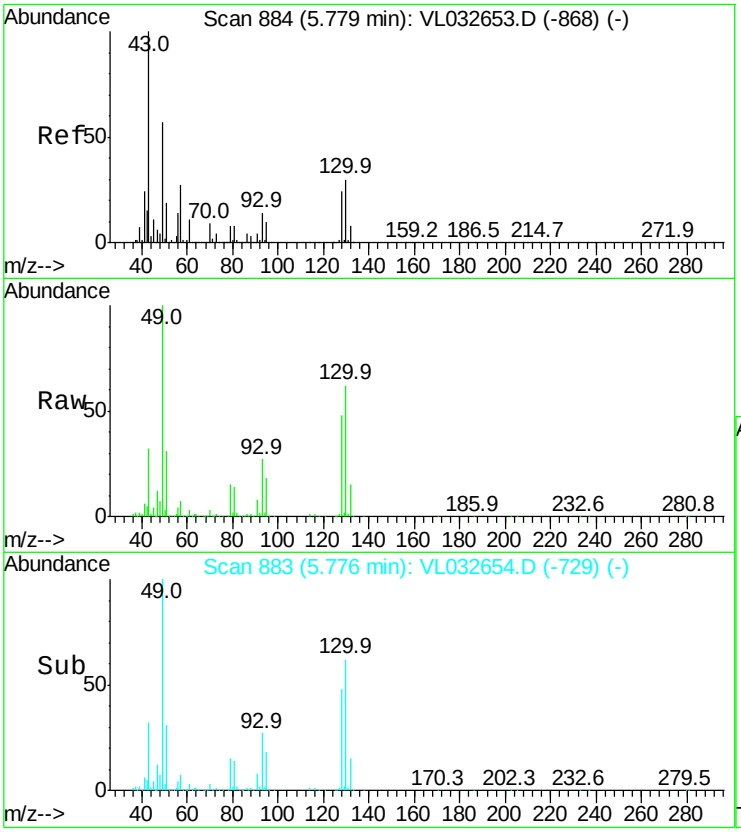
Quantitation Report (Not Reviewed)

Data File : VL032654.D
Acq On : 18 Oct 2018 16:47
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Quant Time: Oct 18 17:11:02 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



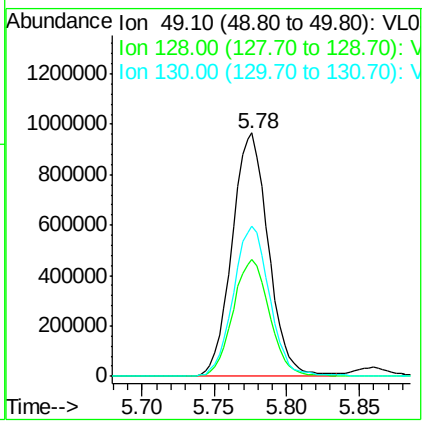


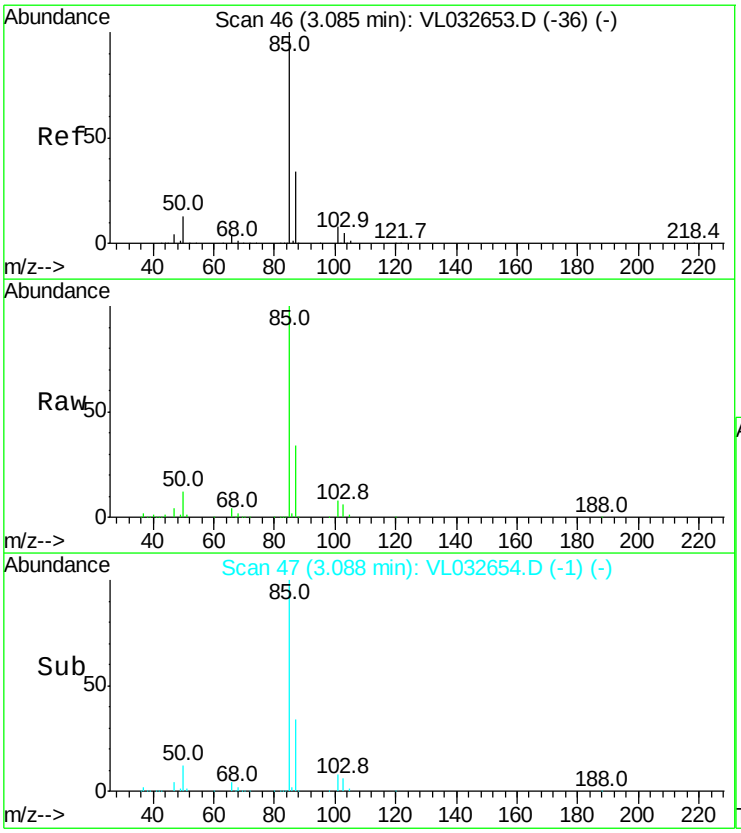
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.78 min Scan# 883
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 49 Resp: 1681042

Ion	Ratio	Lower	Upper
49	100		
128	48.6	22.3	66.8
130	62.4	28.4	85.3

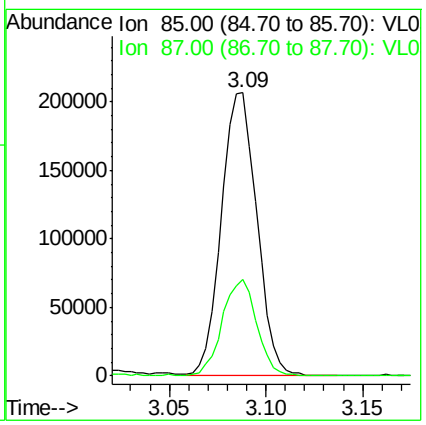


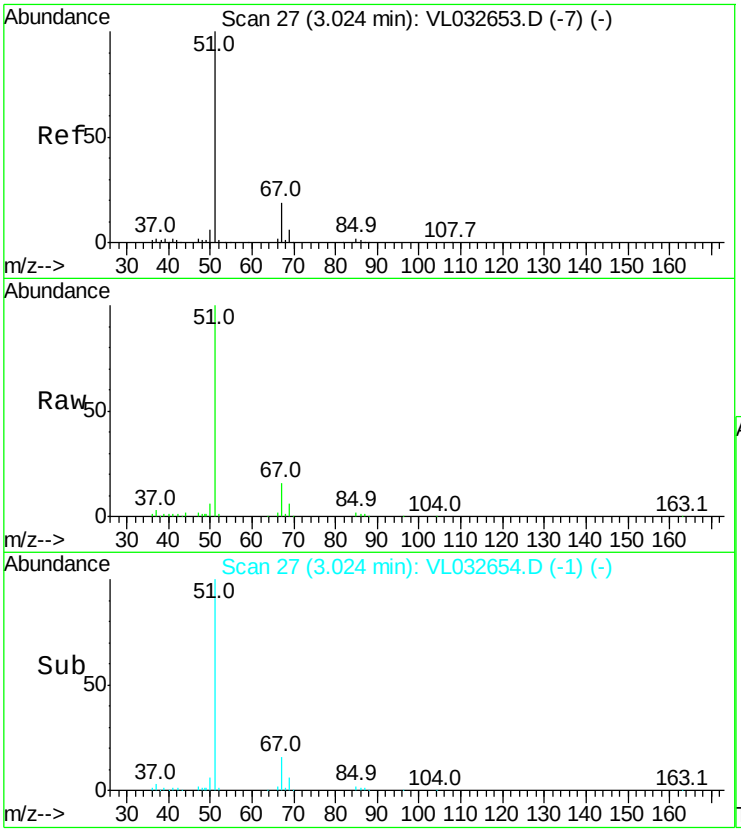


#2
Dichlorodifluoromethane
Concen: 1.582 ppbv
RT: 3.09 min Scan# 47
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 85 Resp: 262339

Ion	Ratio	Lower	Upper
85	100		
87	33.9	26.2	39.2



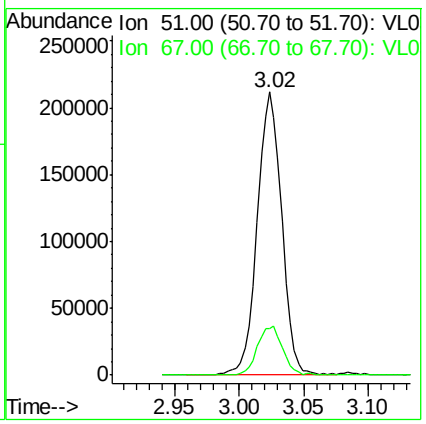


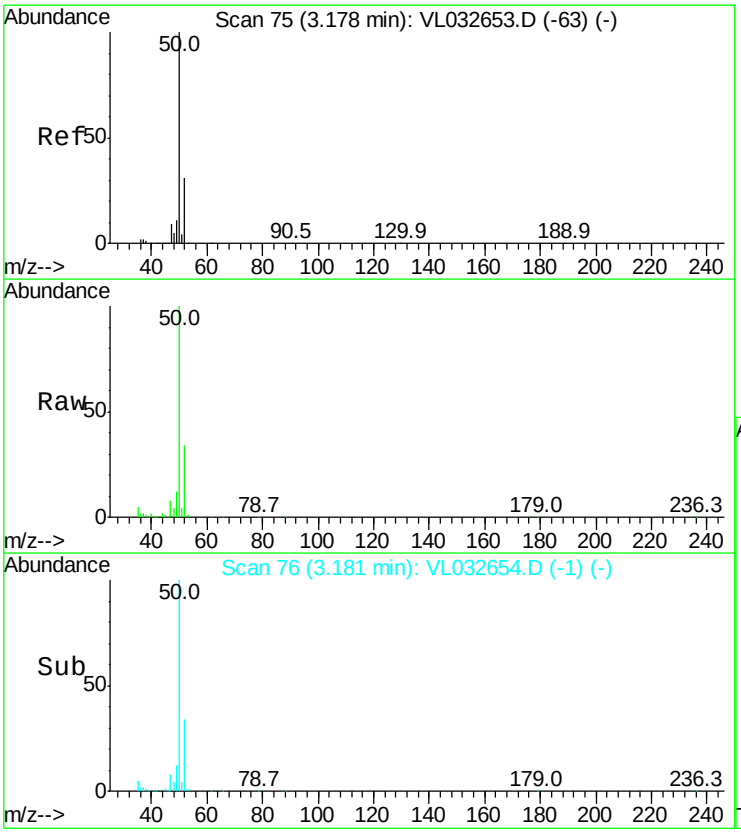
#3
Chlorodifluoromethane
Concen: 1.999 ppbv
RT: 3.02 min Scan# 27
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 281111

Ion	Ratio	Lower	Upper
51	100		
67	17.8	15.2	22.8

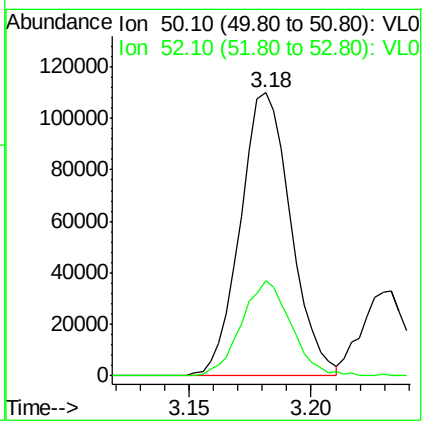


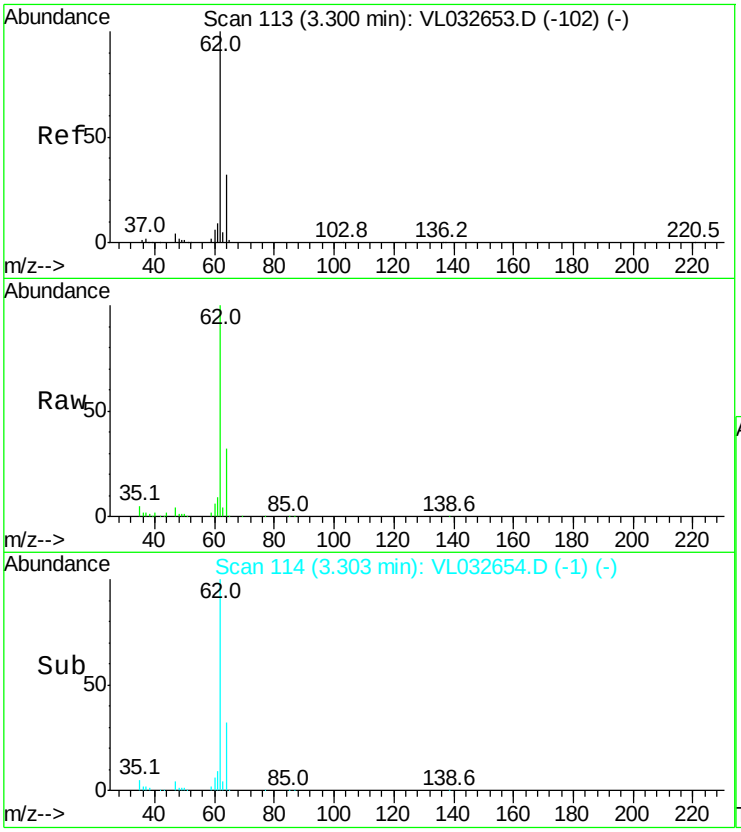


#4
Chloromethane
Concen: 2.058 ppbv
RT: 3.18 min Scan# 76
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 50 Resp: 158005

Ion	Ratio	Lower	Upper
50	100		
52	33.9	25.9	38.9



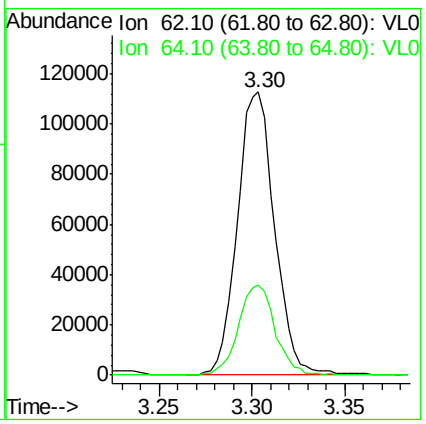


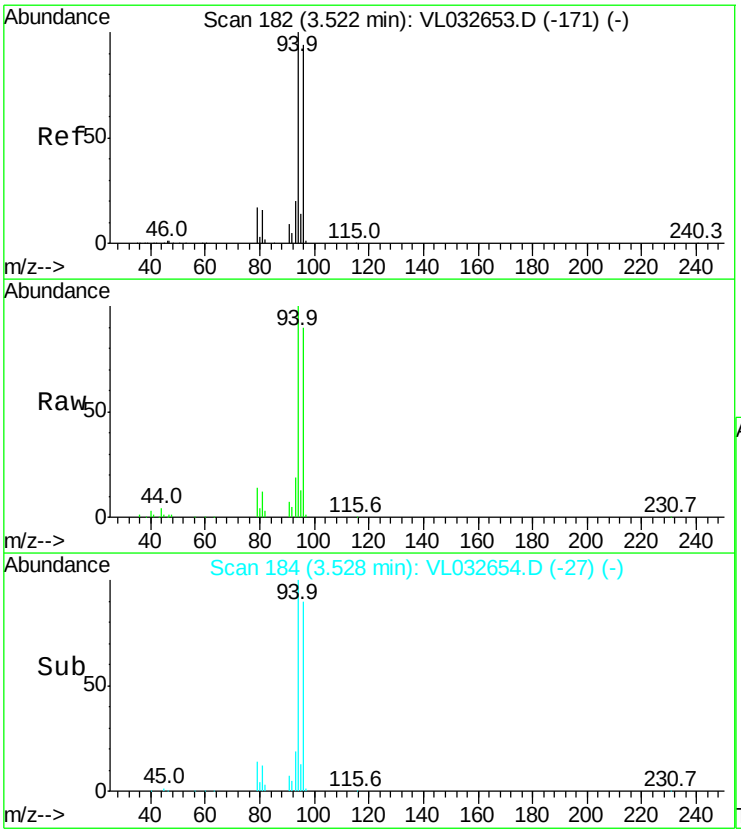
#5
Vinyl Chloride
Concen: 2.023 ppbv
RT: 3.30 min Scan# 114
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 156525

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.5	38.3

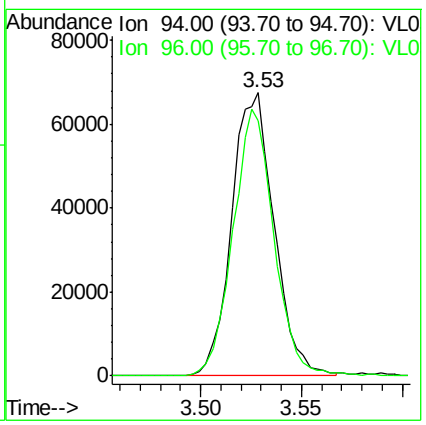


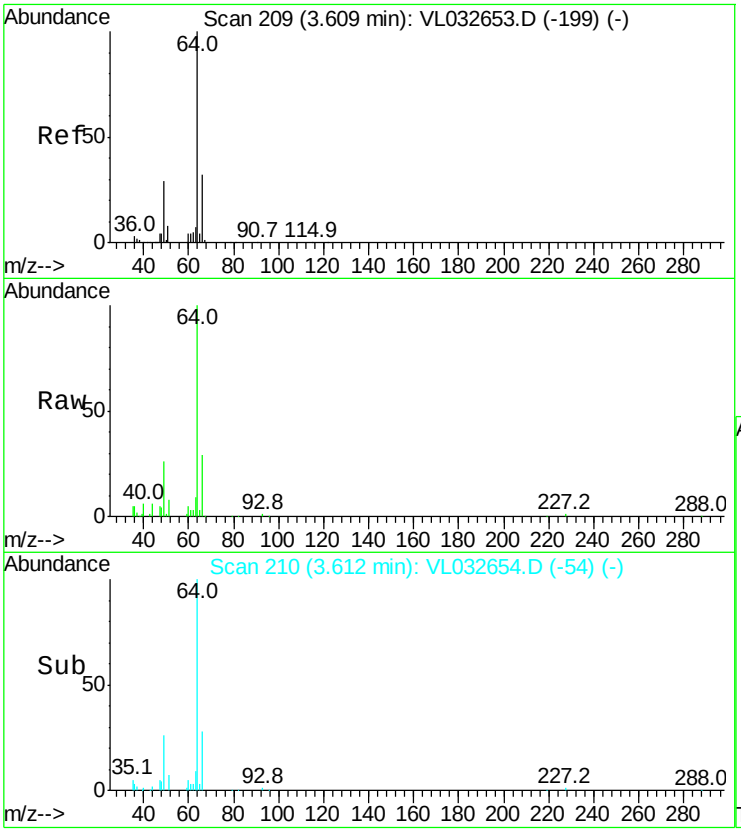


#6
Bromomethane
Concen: 2.037 ppbv
RT: 3.53 min Scan# 184
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 94 Resp: 99542

Ion	Ratio	Lower	Upper
94	100		
96	89.9	69.8	104.8



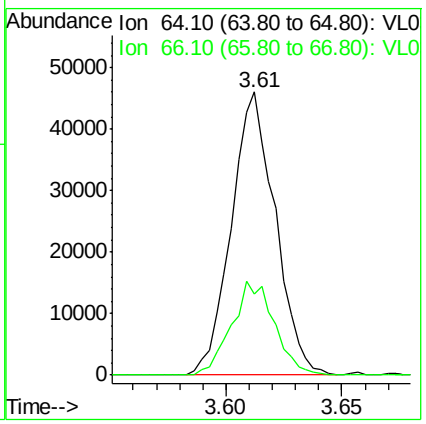


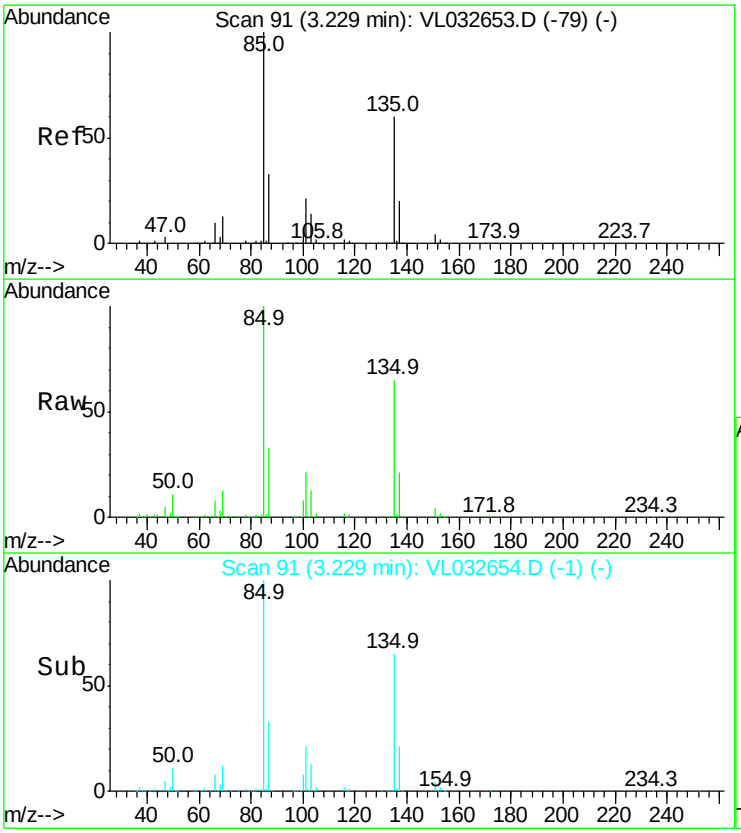
#7
Chloroethane
Concen: 1.993 ppbv
RT: 3.61 min Scan# 210
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 60360

Ion	Ratio	Lower	Upper
64	100		
66	28.5	24.4	36.6

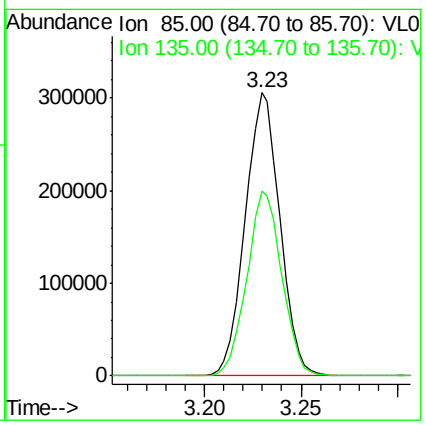


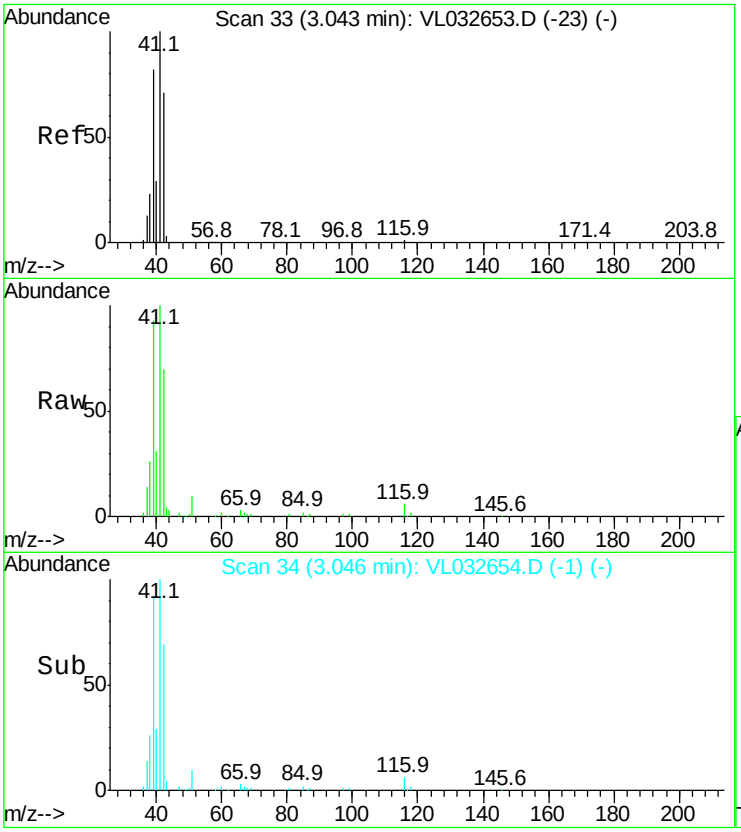


#8
Dichlorotetrafluoroethane
Concen: 2.018 ppbv
RT: 3.23 min Scan# 91
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 85 Resp: 382487

Ion	Ratio	Lower	Upper
85	100		
135	65.8	49.0	73.4



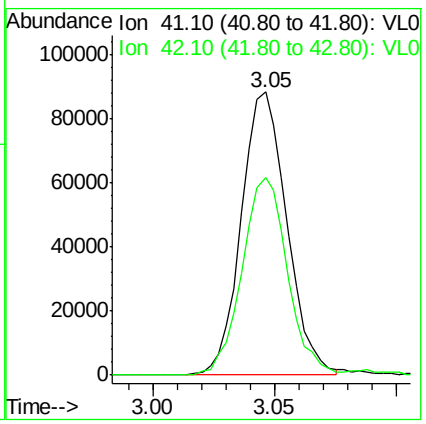


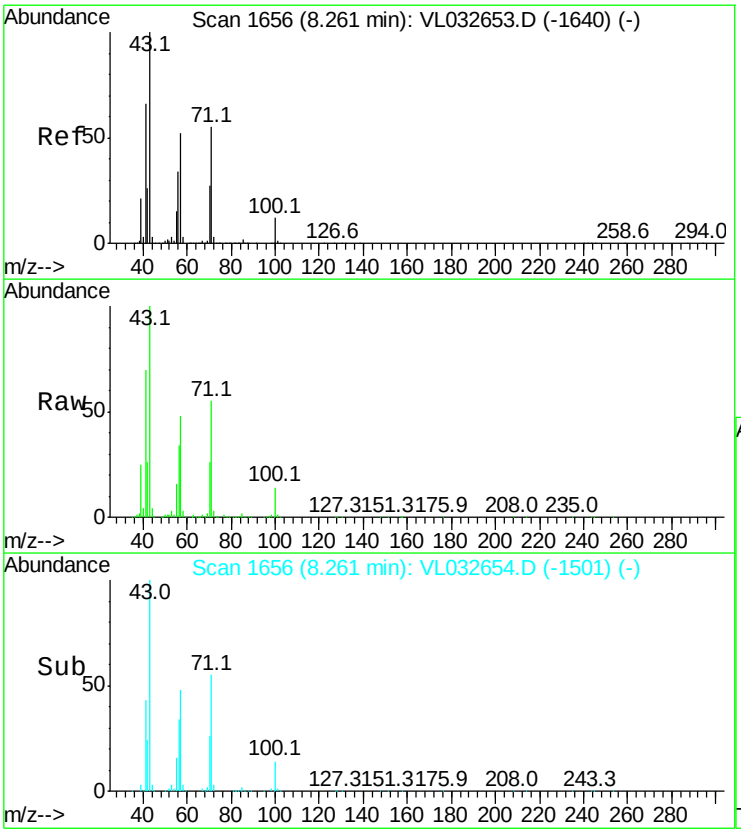
#9
Propene
Concen: 2.209 ppbv
RT: 3.05 min Scan# 34
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 41 Resp: 113901

Ion	Ratio	Lower	Upper
41	100		
42	71.1	55.4	83.0

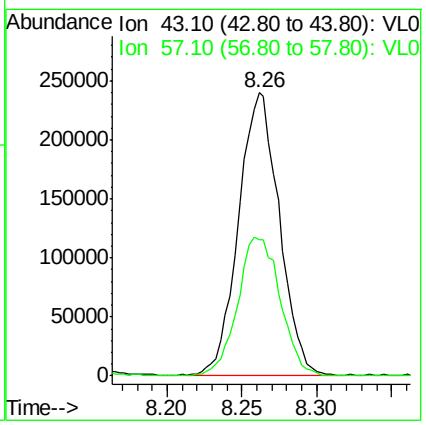


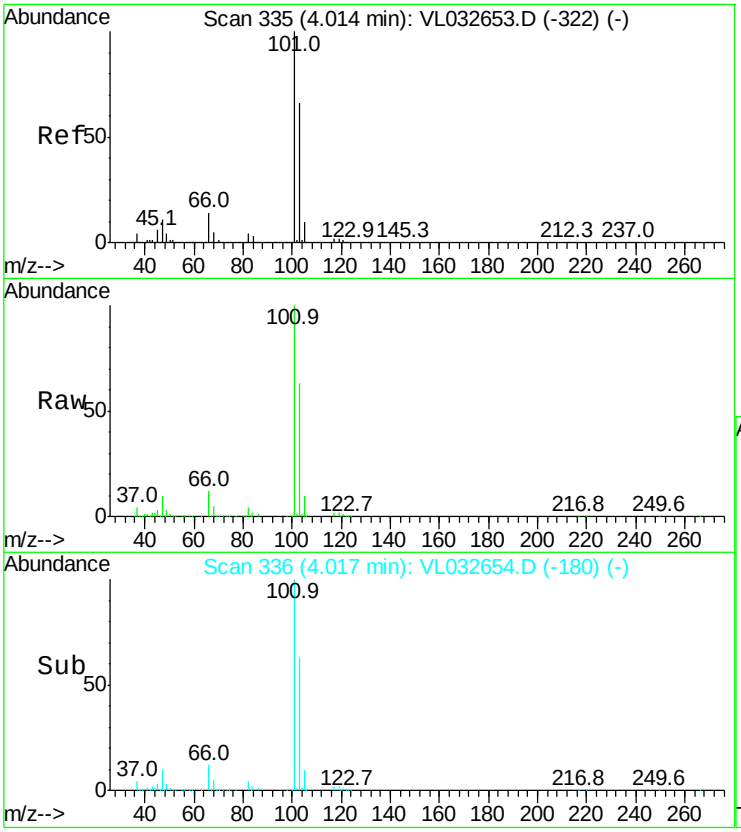


#10
Heptane
Concen: 2.348 ppbv
RT: 8.26 min Scan# 1656
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 43 Resp: 453393

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.5	62.3



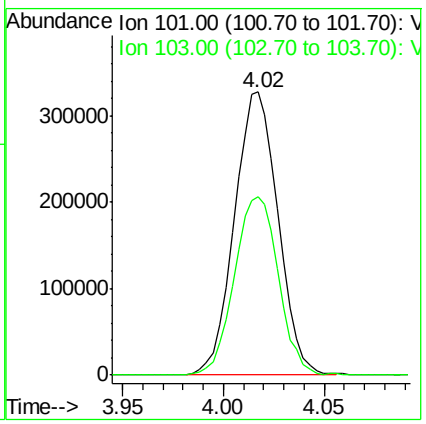


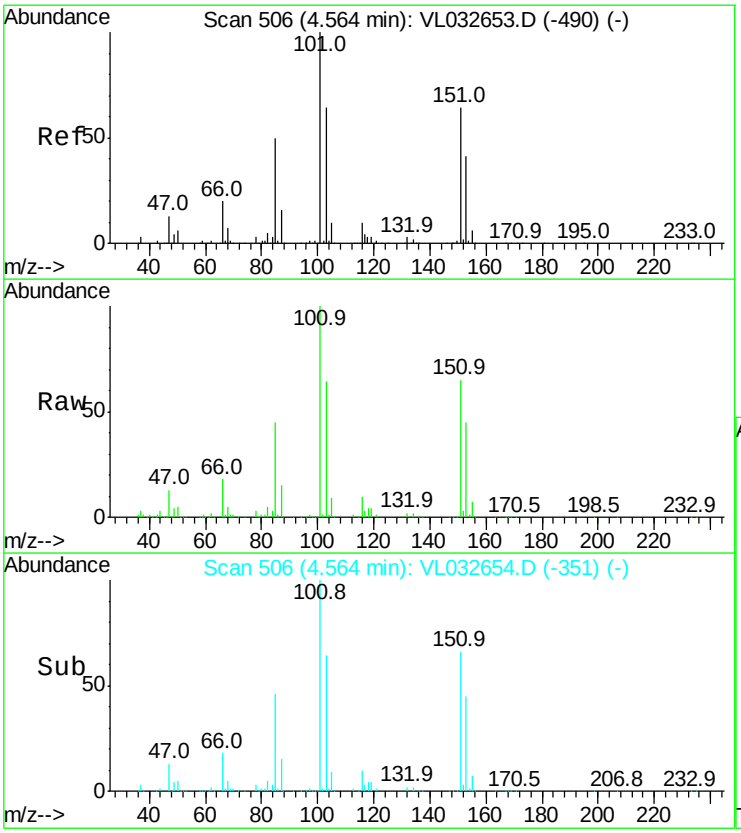
#11
Trichlorofluoromethane
Concen: 2.285 ppbv
RT: 4.02 min Scan# 336
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:101 Resp: 493507

Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.4	77.2

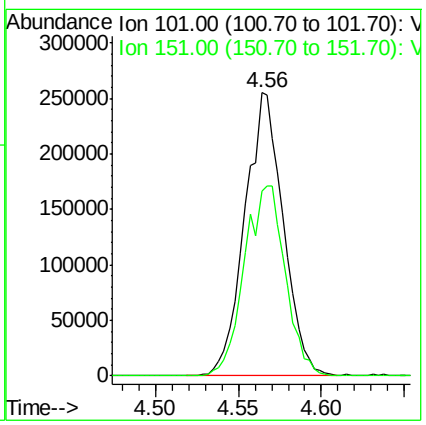


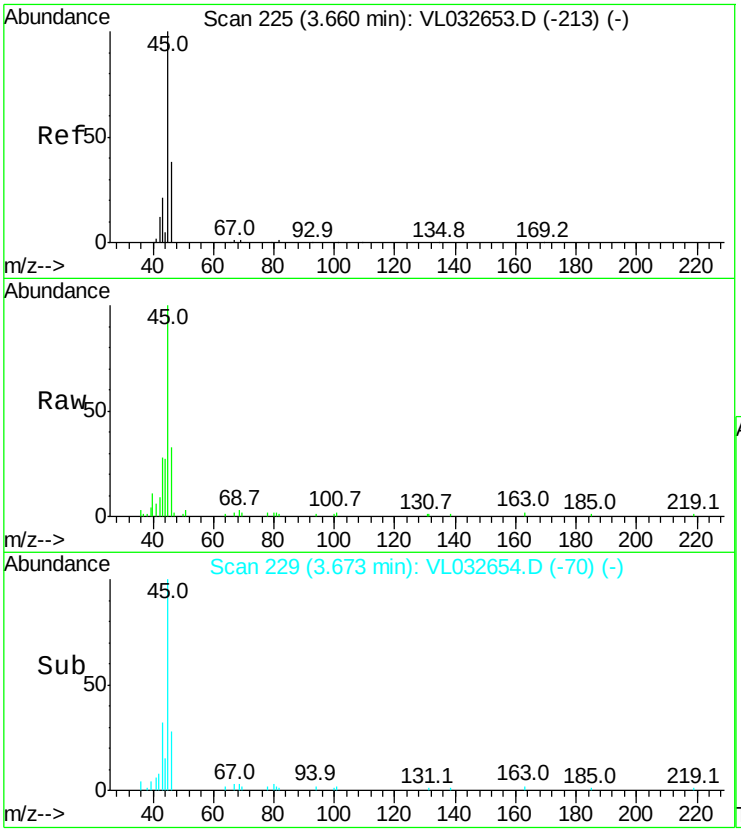


#12
1,1,2-Trichlorotrifluoroethane
Concen: 2.602 ppbv
RT: 4.56 min Scan# 506
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:101 Resp: 411468

Ion	Ratio	Lower	Upper
101	100		
151	71.6	52.3	78.5



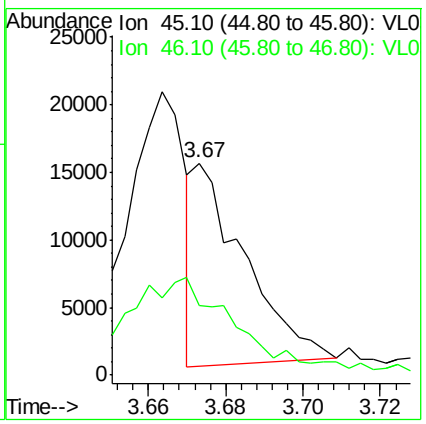


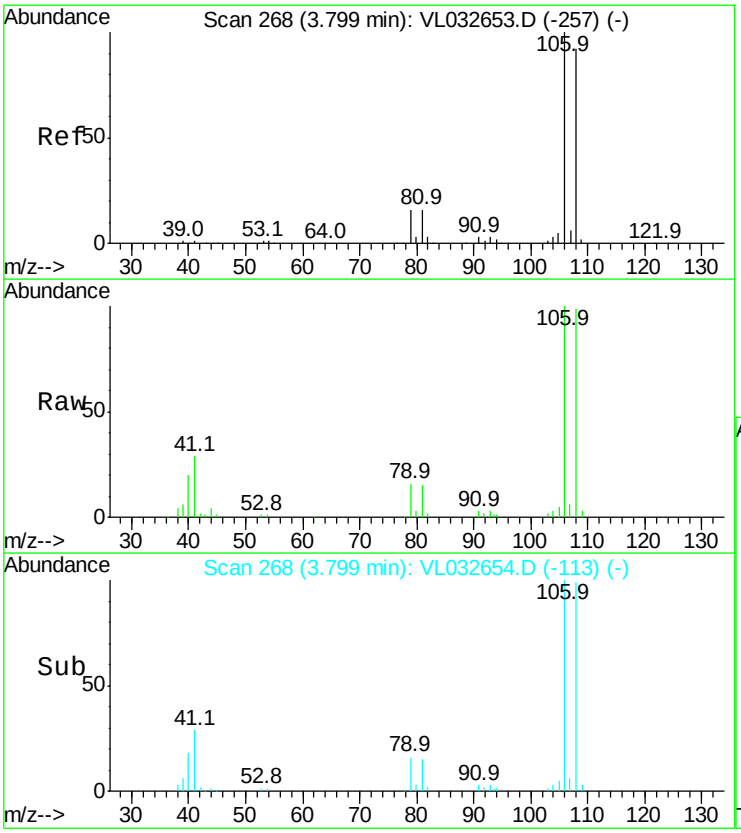
#13
Ethanol
Concen: 0.852 ppbv
RT: 3.67 min Scan# 229
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 45 Resp: 13598

Ion	Ratio	Lower	Upper
45	100		
46	109.1	15.4	61.8#

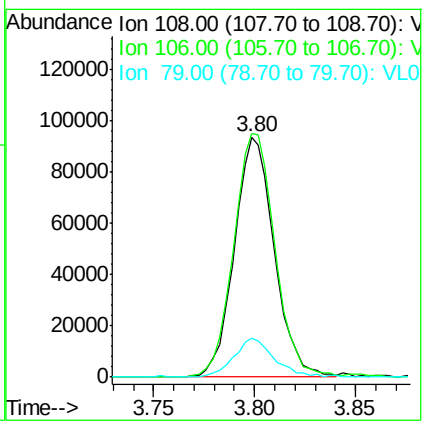


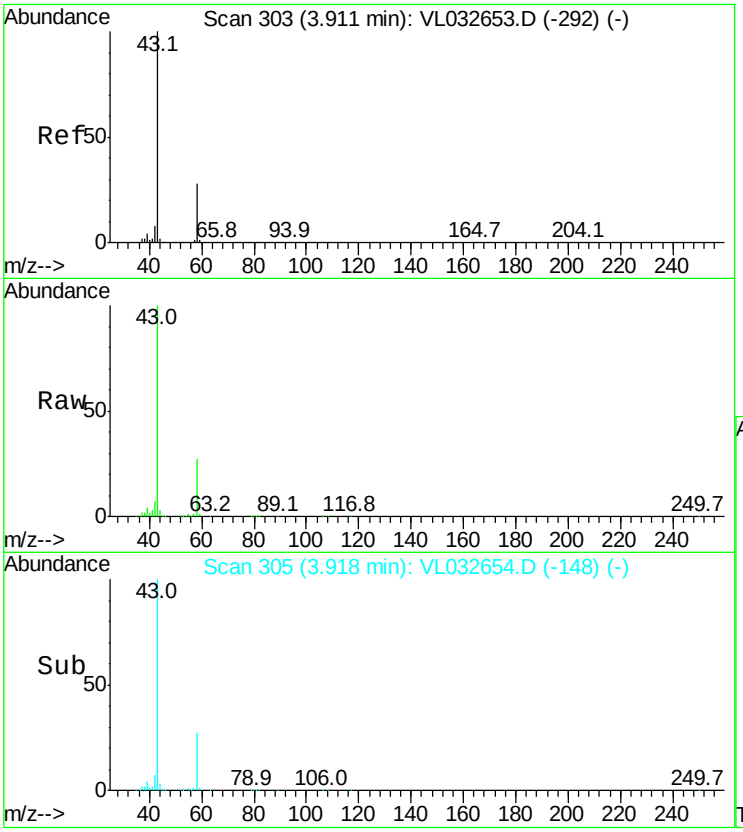


#14
Bromoethene
Concen: 2.239 ppbv
RT: 3.80 min Scan# 268
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:108 Resp: 129547

Ion	Ratio	Lower	Upper
108	100		
106	106.0	85.0	127.4
79	16.8	13.7	20.5



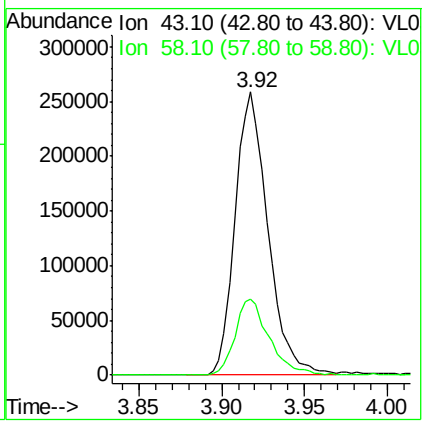


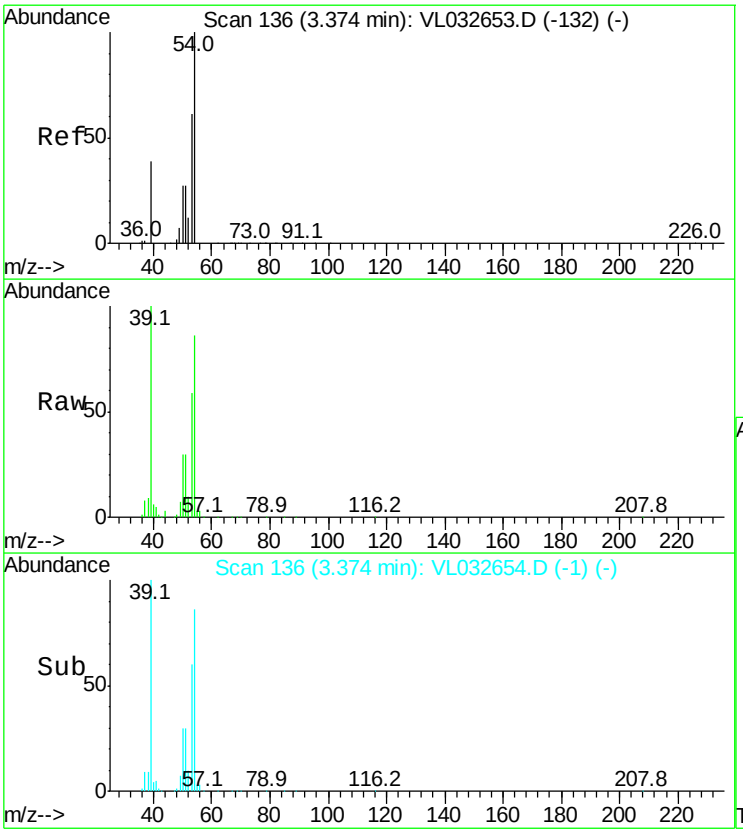
#15
Acetone
Concen: 2.385 ppbv
RT: 3.92 min Scan# 305
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 356765

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1

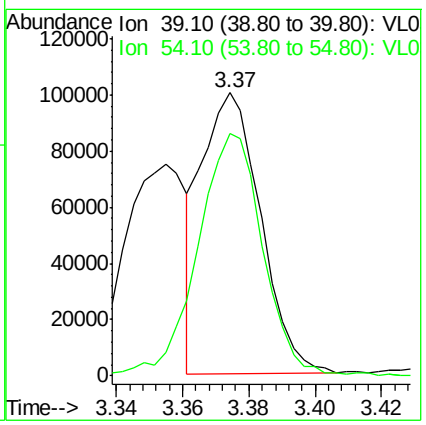


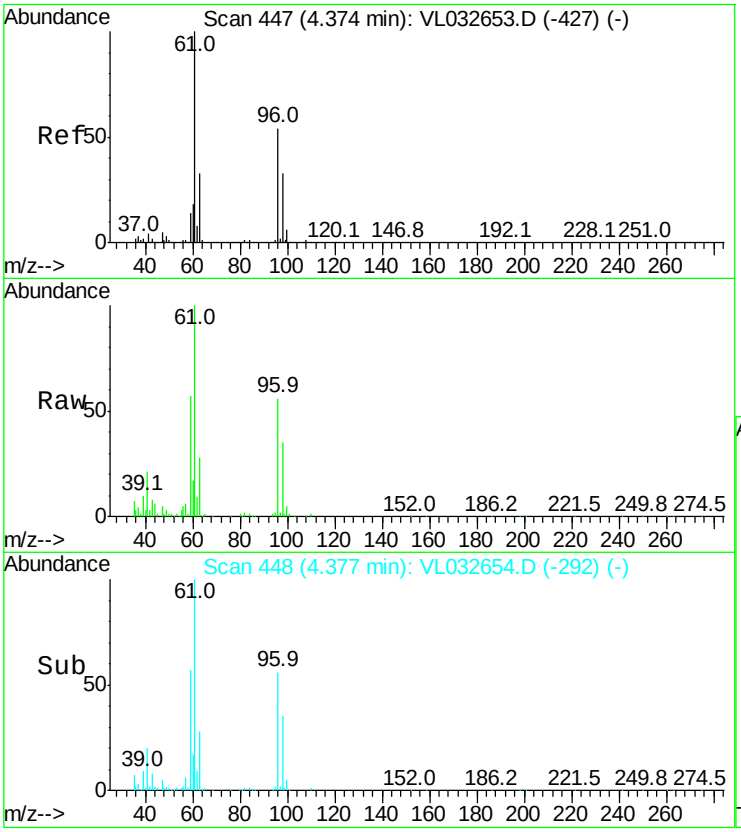


#16
1,3-Butadiene
Concen: 2.210 ppbv
RT: 3.37 min Scan# 136
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 39 Resp: 122425

Ion	Ratio	Lower	Upper
39	100		
54	97.0	90.4	135.6



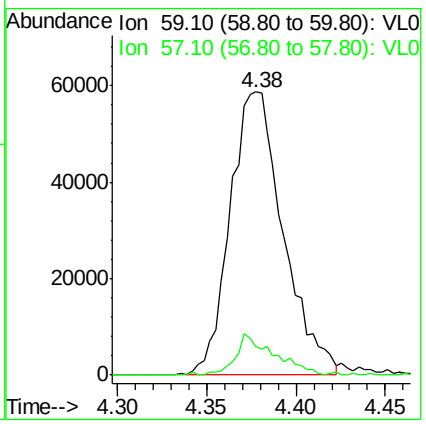


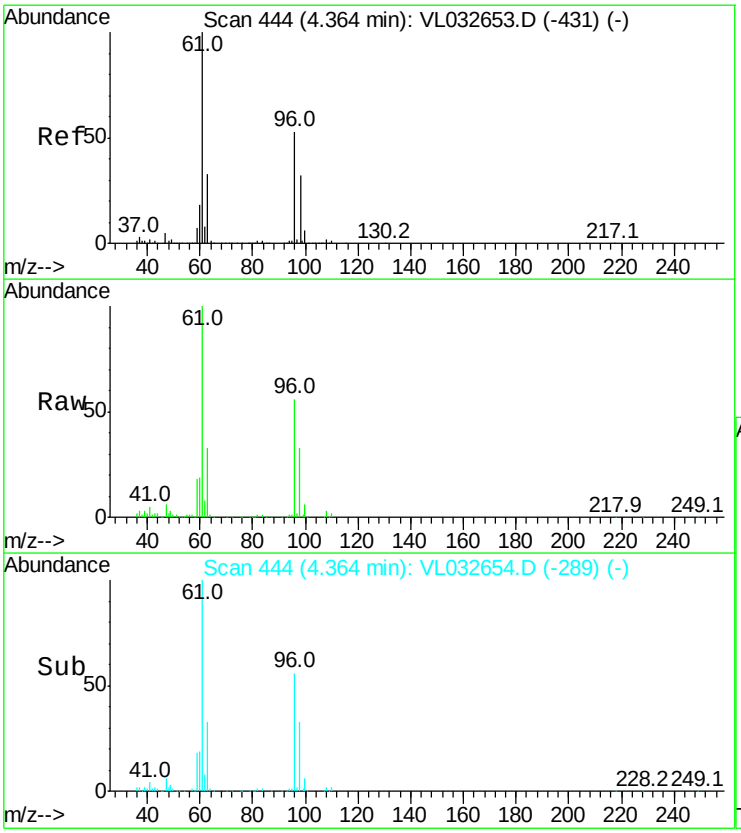
#17
tert-Butyl alcohol
Concen: 8.850 ppbv
RT: 4.38 min Scan# 448
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 59 Resp: 120833

Ion	Ratio	Lower	Upper
59	100		
57	11.1	0.0	0.0#

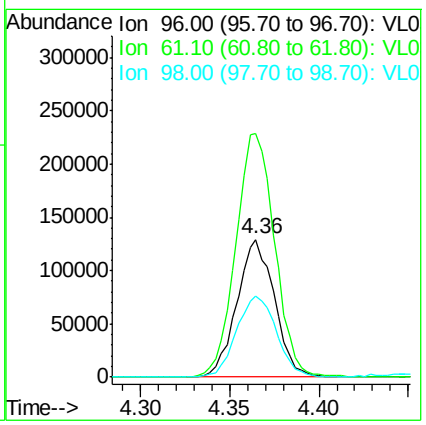


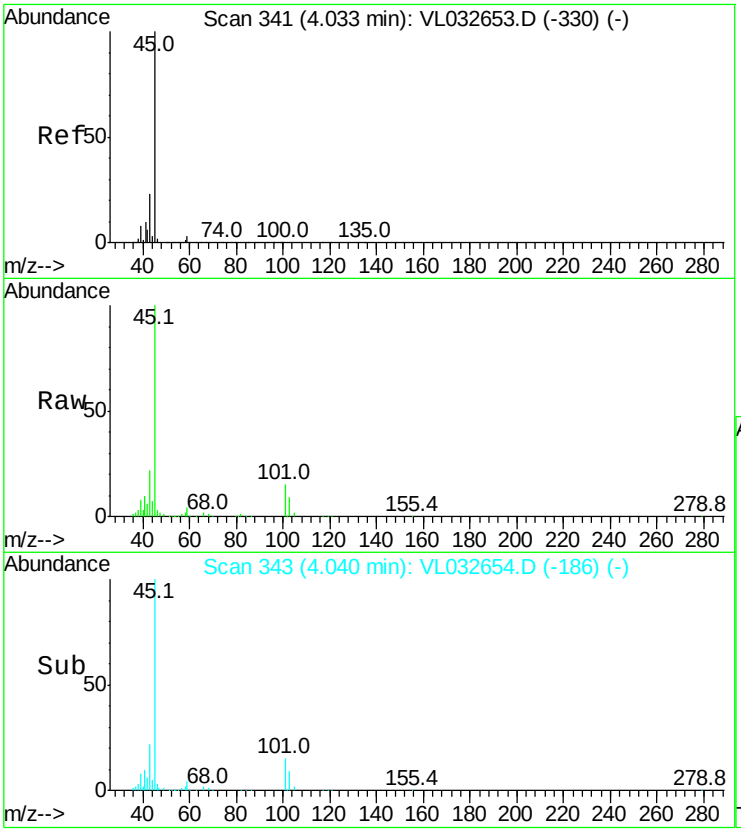


#18
1,1-Dichloroethene
Concen: 2.655 ppbv
RT: 4.36 min Scan# 444
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 96 Resp: 189340

Ion	Ratio	Lower	Upper
96	100		
61	176.9	151.6	227.4
98	58.8	50.6	75.8



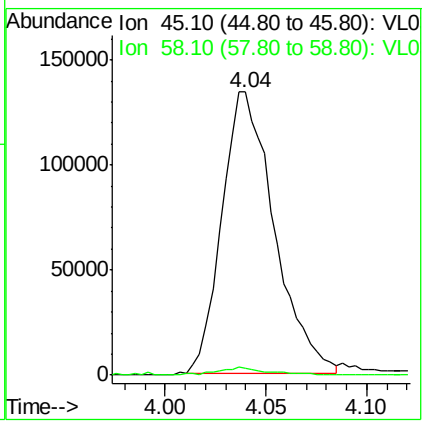


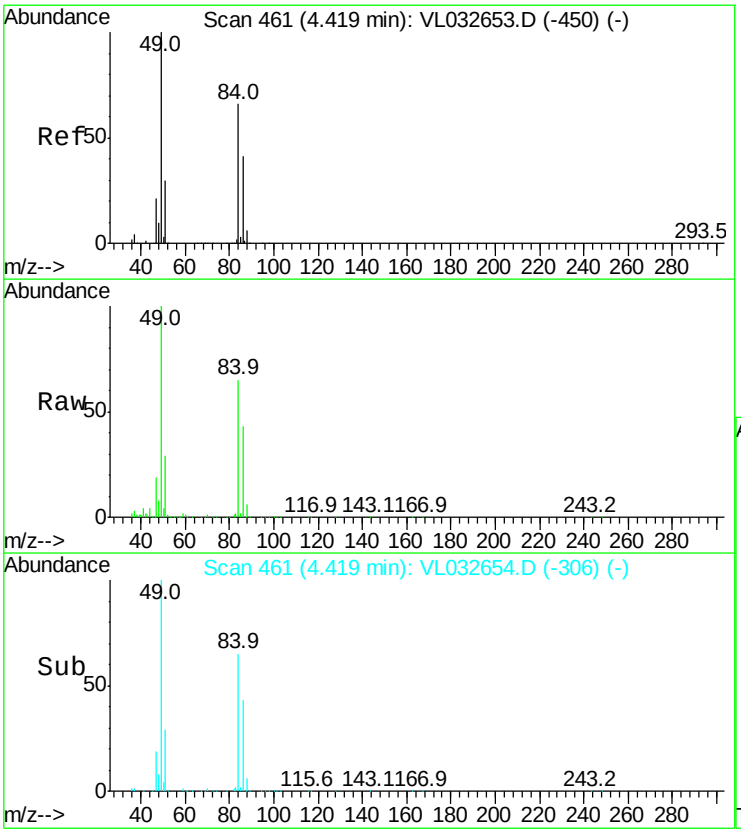
#19
Isopropyl Alcohol
Concen: 2.306 ppbv
RT: 4.04 min Scan# 343
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 45 Resp: 243634

Ion	Ratio	Lower	Upper
45	100		
58	2.9	2.0	3.0

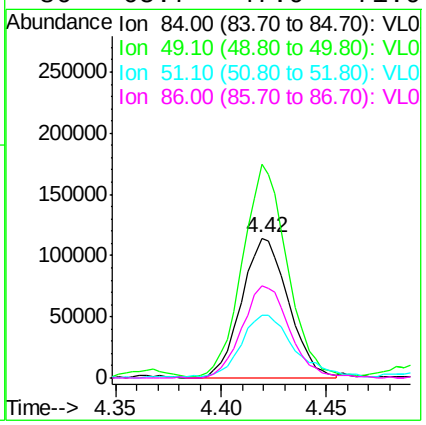


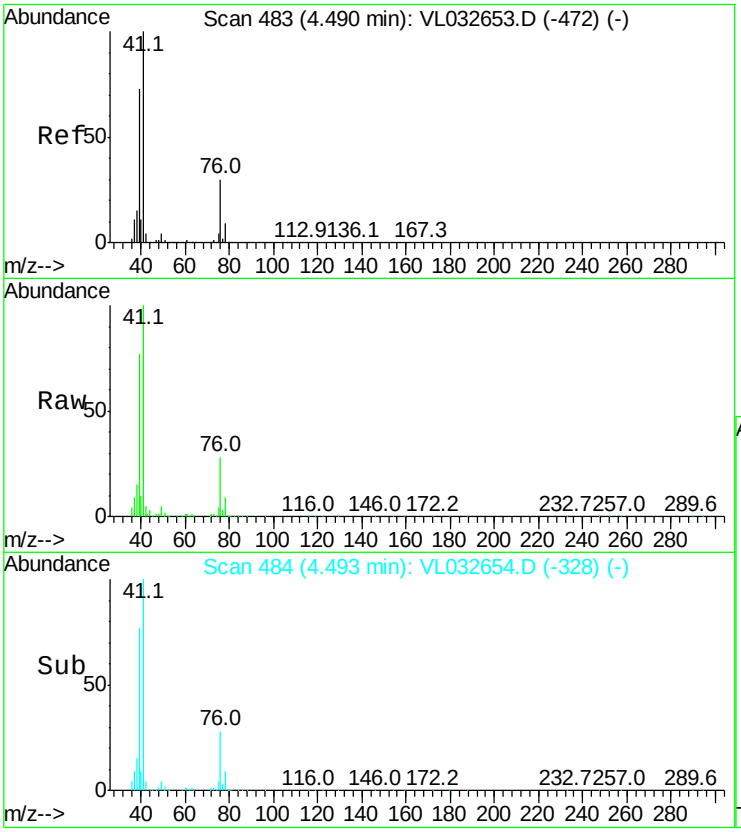


#20
Methylene Chloride
Concen: 2.613 ppbv
RT: 4.42 min Scan# 461
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 84 Resp: 175140

Ion	Ratio	Lower	Upper
84	100		
49	152.3	113.5	170.3
51	43.4	34.8	52.2
86	65.7	47.9	71.9



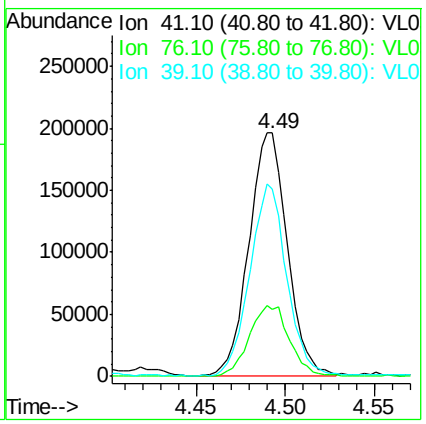


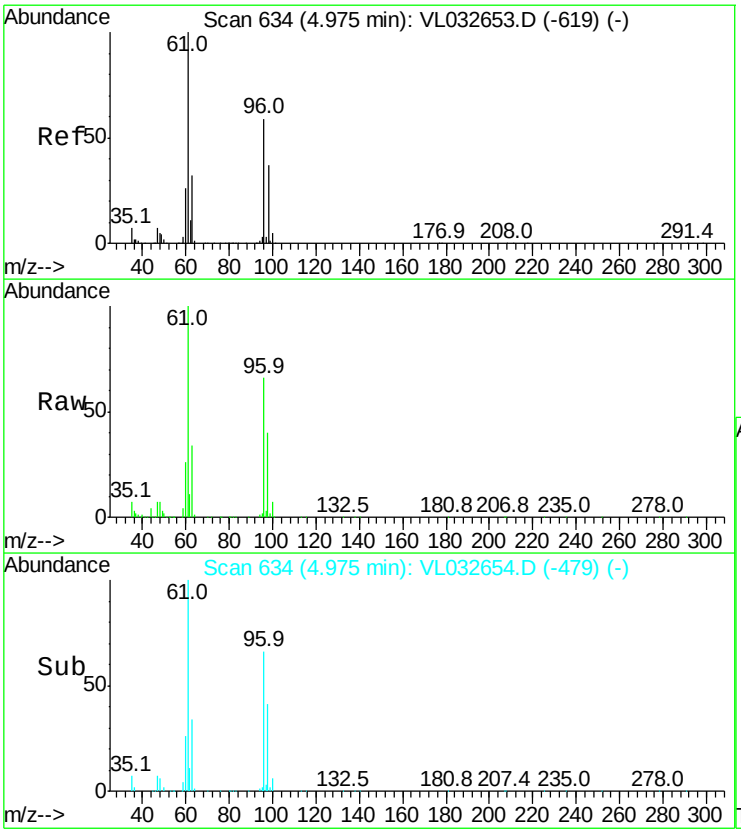
#21
Allyl Chloride
Concen: 2.628 ppbv
RT: 4.49 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 41 Resp: 295082

Ion	Ratio	Lower	Upper
41	100		
76	30.6	24.3	36.5
39	76.8	60.3	90.5

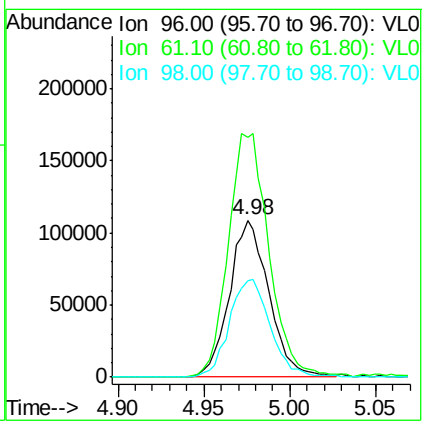


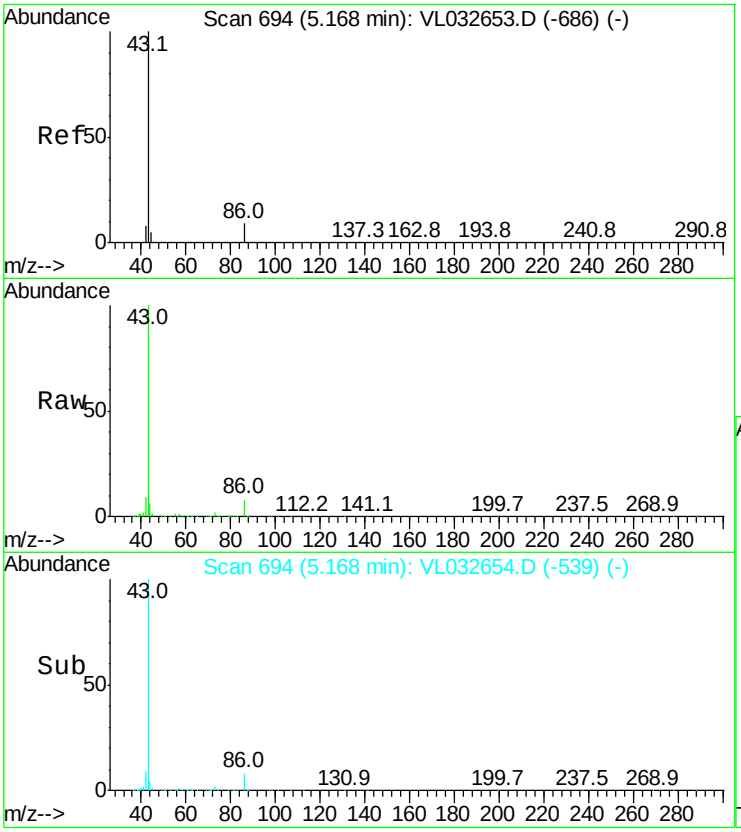


#22
trans-1,2-Dichloroethene
Concen: 2.115 ppbv
RT: 4.98 min Scan# 634
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 96 Resp: 174191

Ion	Ratio	Lower	Upper
96	100		
61	152.1	140.4	210.6
98	61.7	55.0	82.6



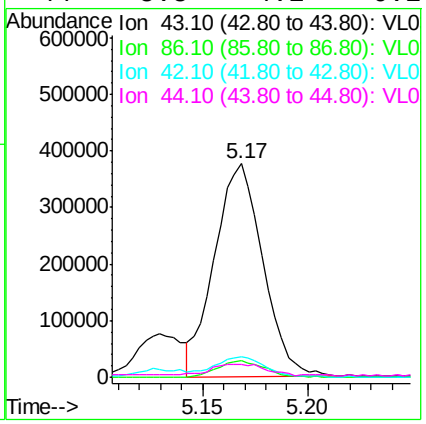


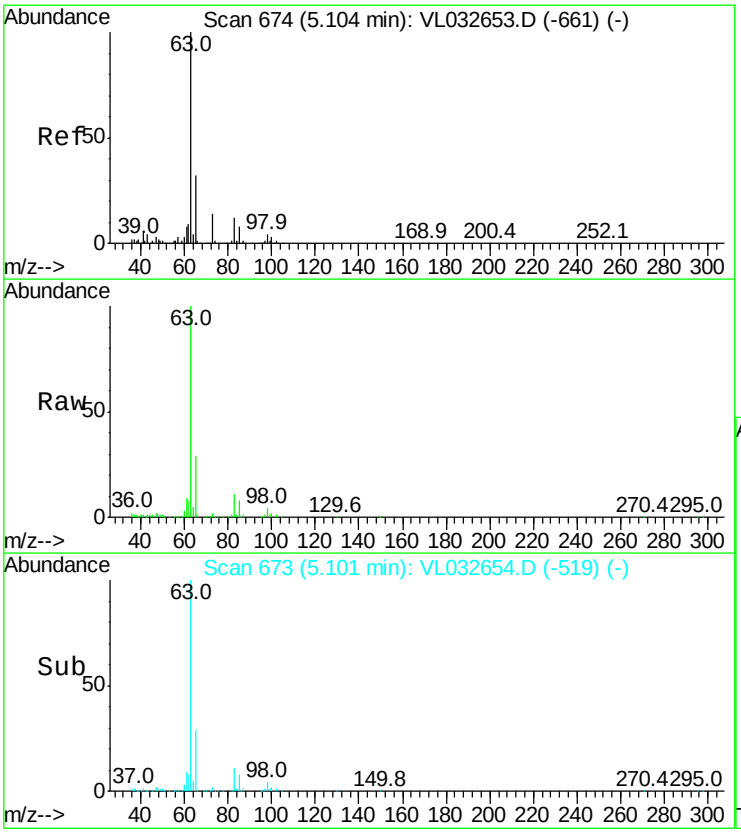
#23
Vinyl Acetate
Concen: 2.506 ppbv
RT: 5.17 min Scan# 694
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 596387

Ion	Ratio	Lower	Upper
43	100		
86	7.8	6.1	9.1
42	9.3	7.4	11.2
44	5.5	4.2	6.2

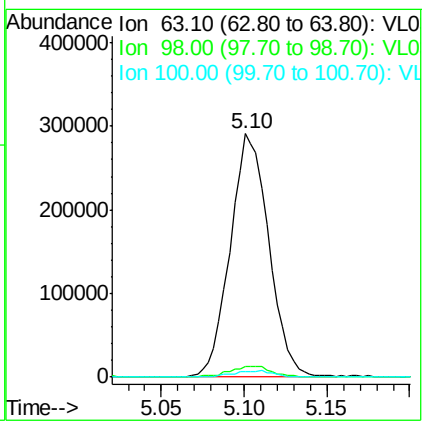


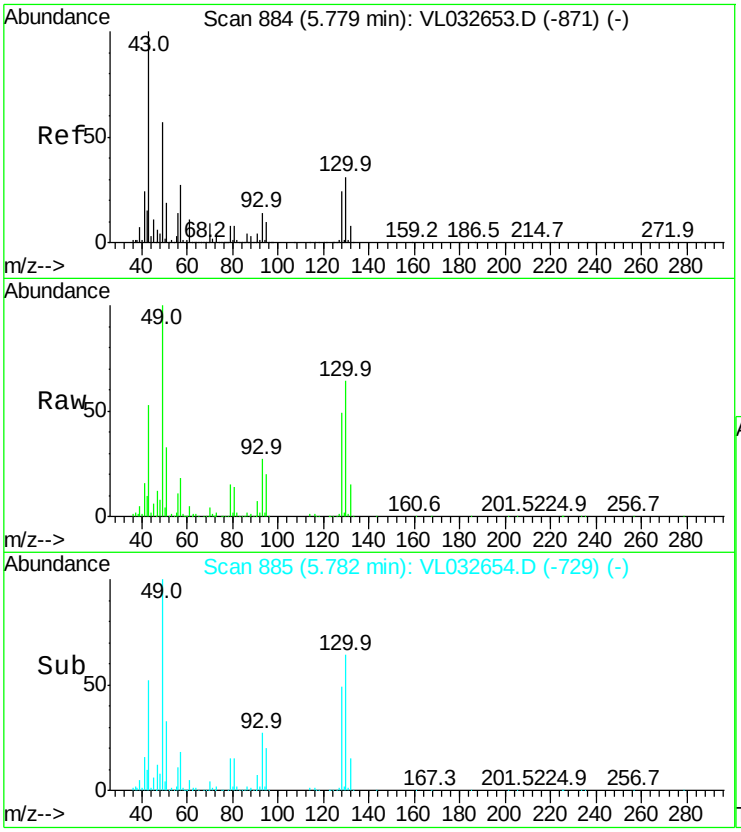


#24
1,1-Dichloroethane
Concen: 2.119 ppbv
RT: 5.10 min Scan# 673
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 63 Resp: 467572

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.3
100	2.2	1.2	3.6



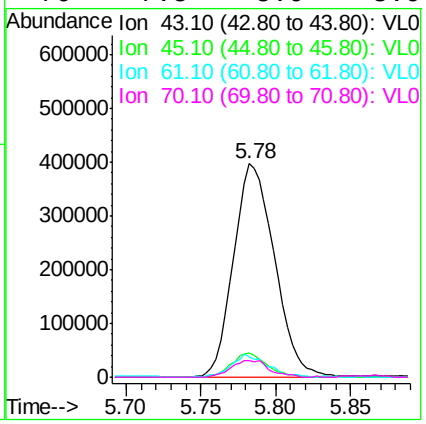


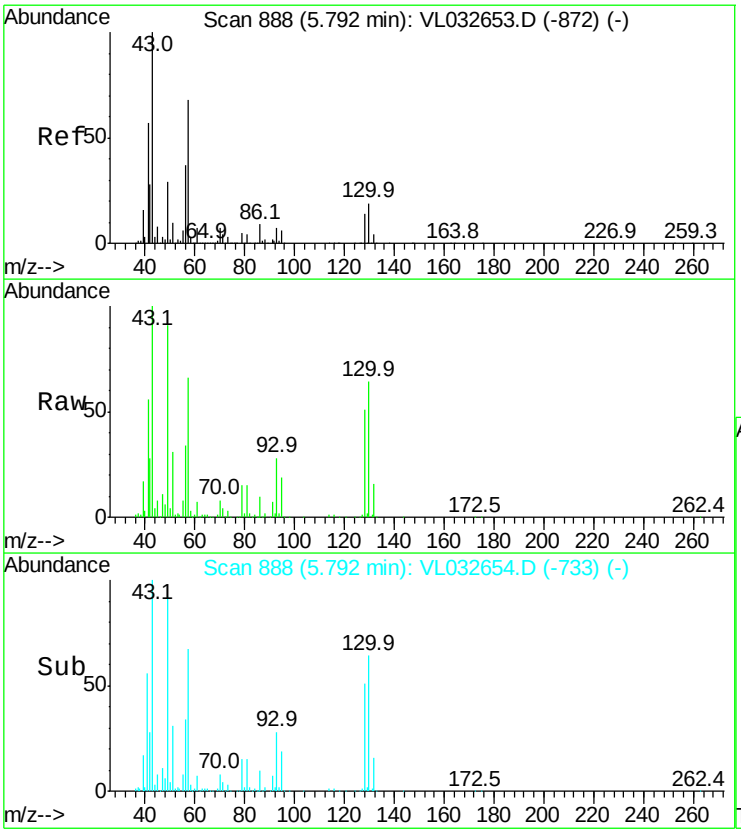
#25
Ethyl Acetate
Concen: 2.139 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 756995

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.1	8.0	12.0
70	7.5	5.9	8.9

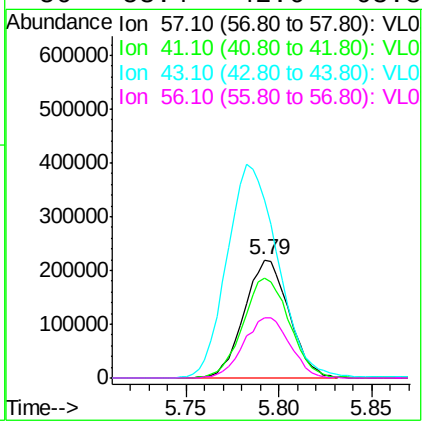


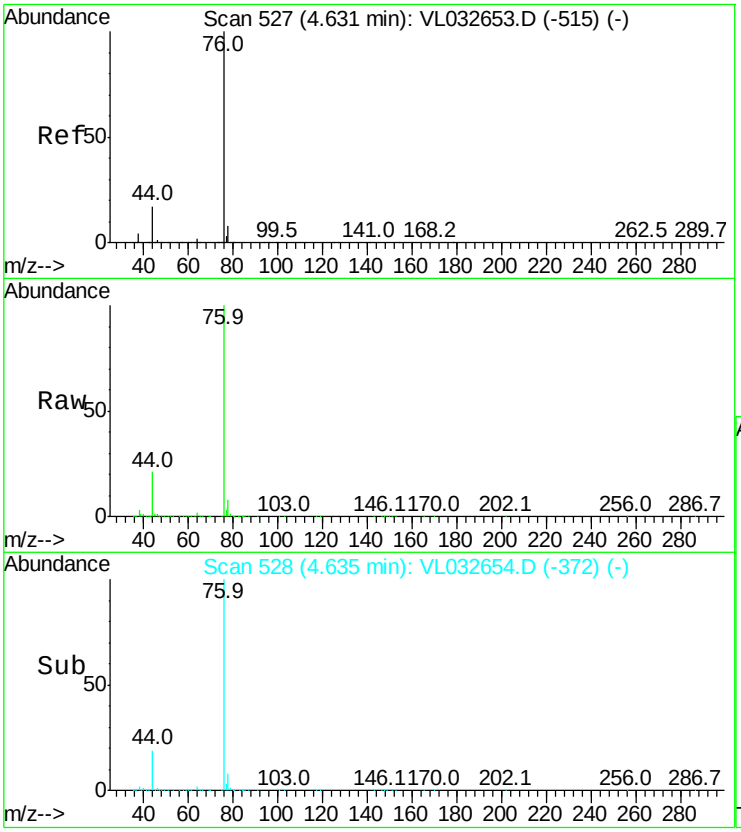


#26
Hexane
Concen: 2.312 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 57 Resp: 368656

Ion	Ratio	Lower	Upper
57	100		
41	87.9	67.4	101.0
43	206.3	171.9	257.9
56	53.4	42.6	63.8



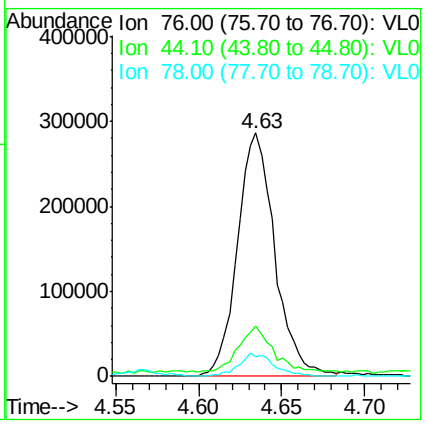


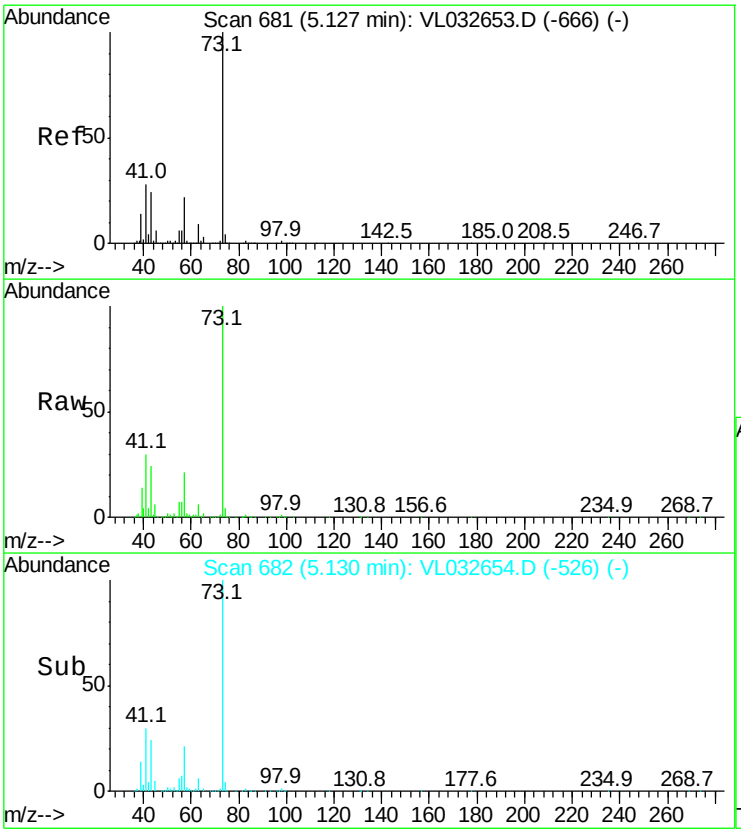
#27
Carbon Disulfide
Concen: 2.330 ppbv
RT: 4.63 min Scan# 528
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 76 Resp: 448991

Ion	Ratio	Lower	Upper
76	100		
44	18.3	13.7	20.5
78	9.0	7.4	11.2

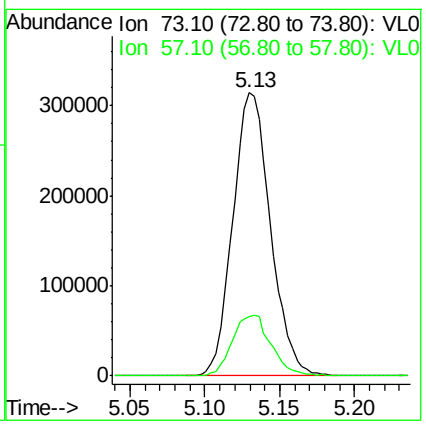


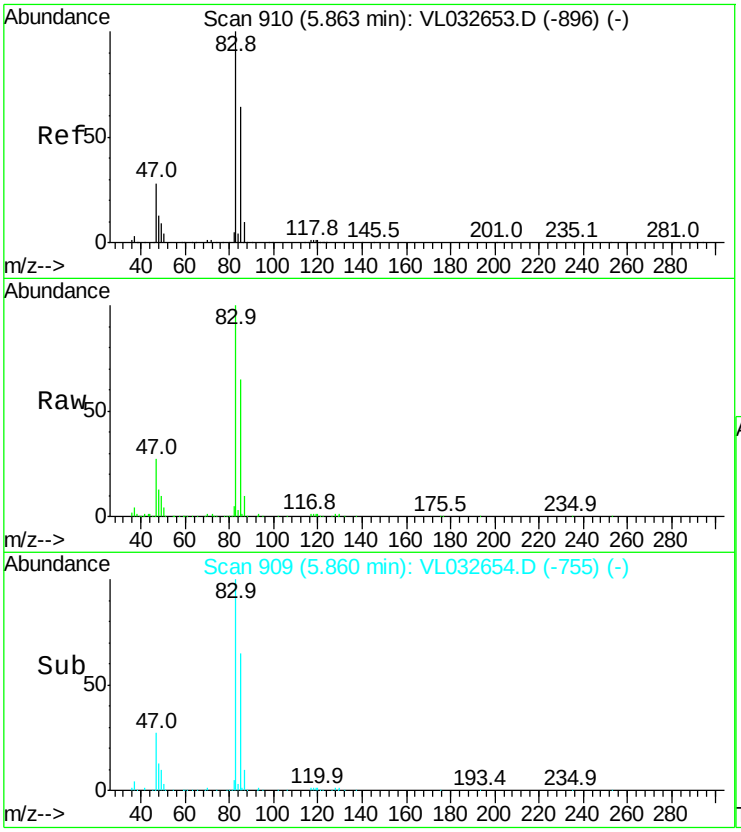


#28
Methyl tert-Butyl Ether
Concen: 2.750 ppbv
RT: 5.13 min Scan# 682
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 73 Resp: 550929

Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.0	27.0



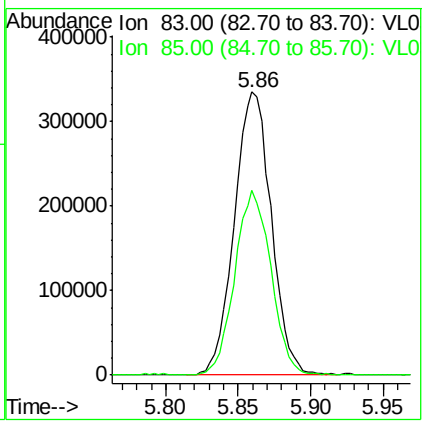


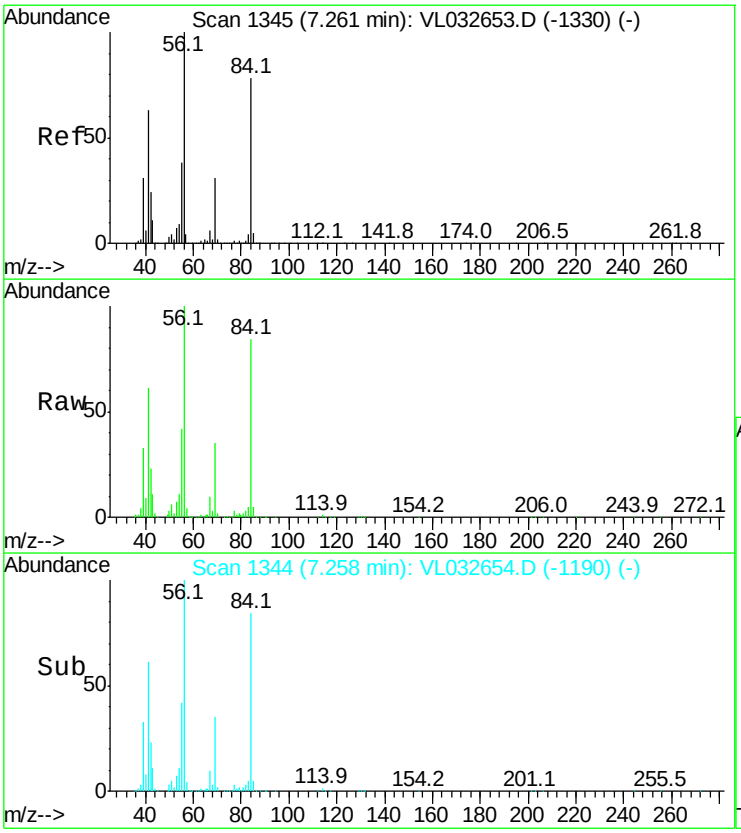
#29
Chloroform
Concen: 2.123 ppbv
RT: 5.86 min Scan# 909
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 593226

Ion	Ratio	Lower	Upper
83	100		
85	65.1	53.0	79.6

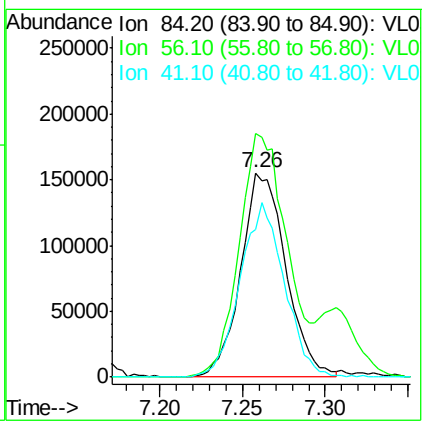


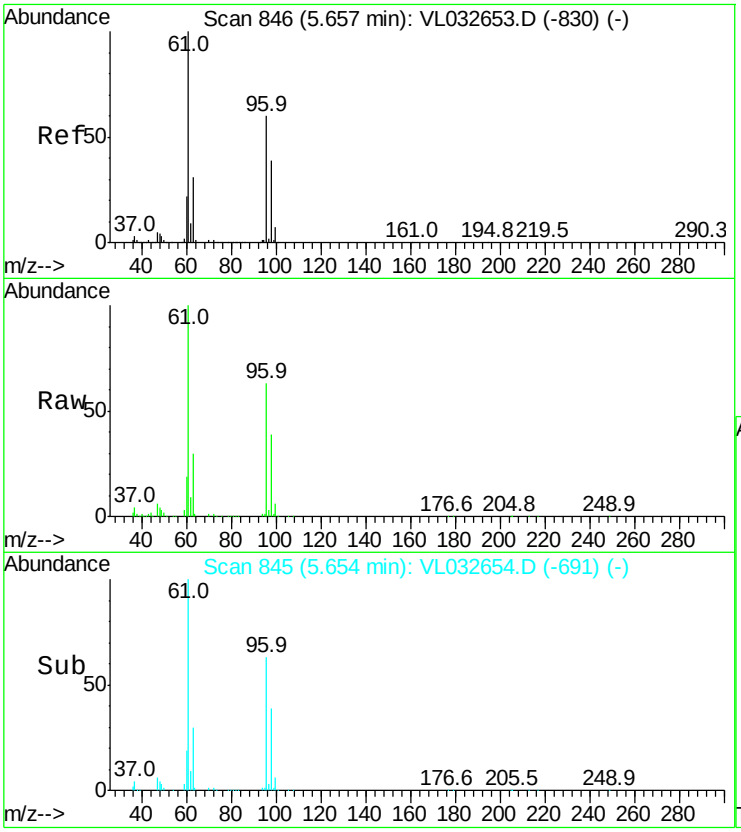


#30
Cyclohexane
Concen: 2.329 ppbv
RT: 7.26 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 84 Resp: 292896

Ion	Ratio	Lower	Upper
84	100		
56	155.2	108.3	162.5
41	84.3	64.8	97.2



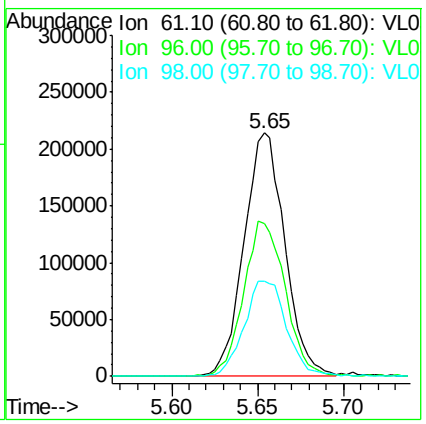


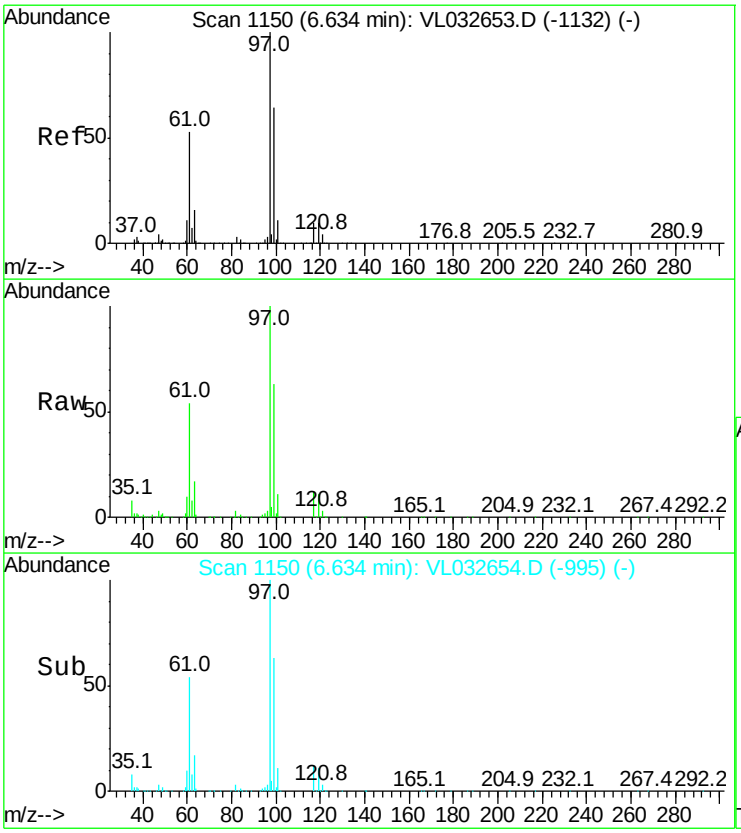
#31
cis-1,2-Dichloroethene
Concen: 2.308 ppbv
RT: 5.65 min Scan# 845
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 61 Resp: 353557

Ion	Ratio	Lower	Upper
61	100		
96	62.4	51.8	77.6
98	39.3	33.8	50.6

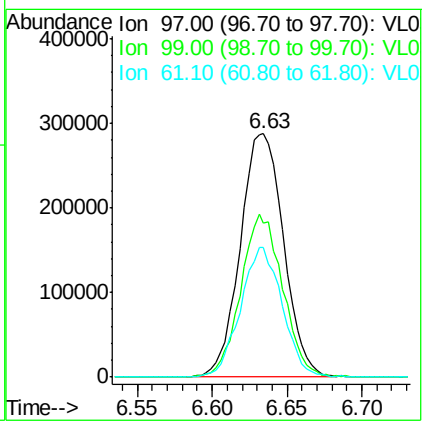


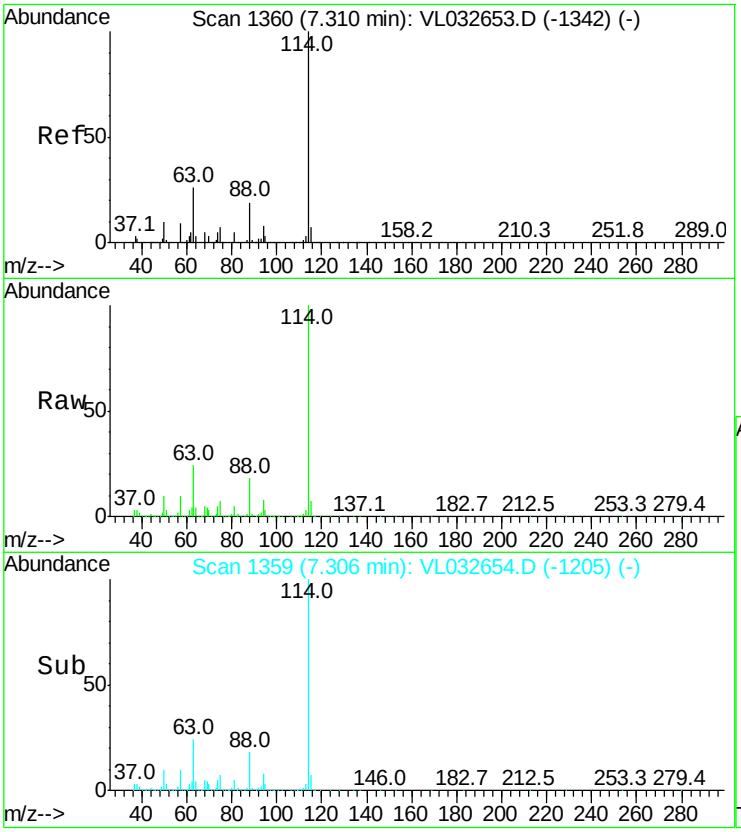


#32
1,1,1-Trichloroethane
Concen: 2.081 ppbv
RT: 6.63 min Scan# 1150
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 97 Resp: 580213

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	51.4	40.7	61.1



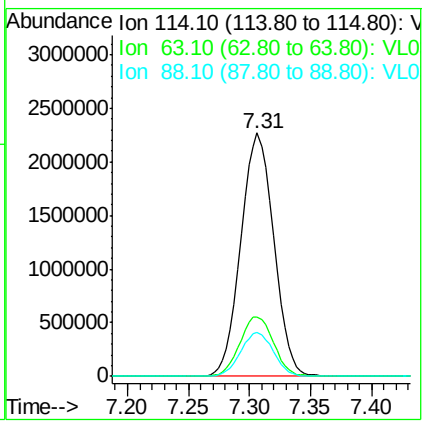


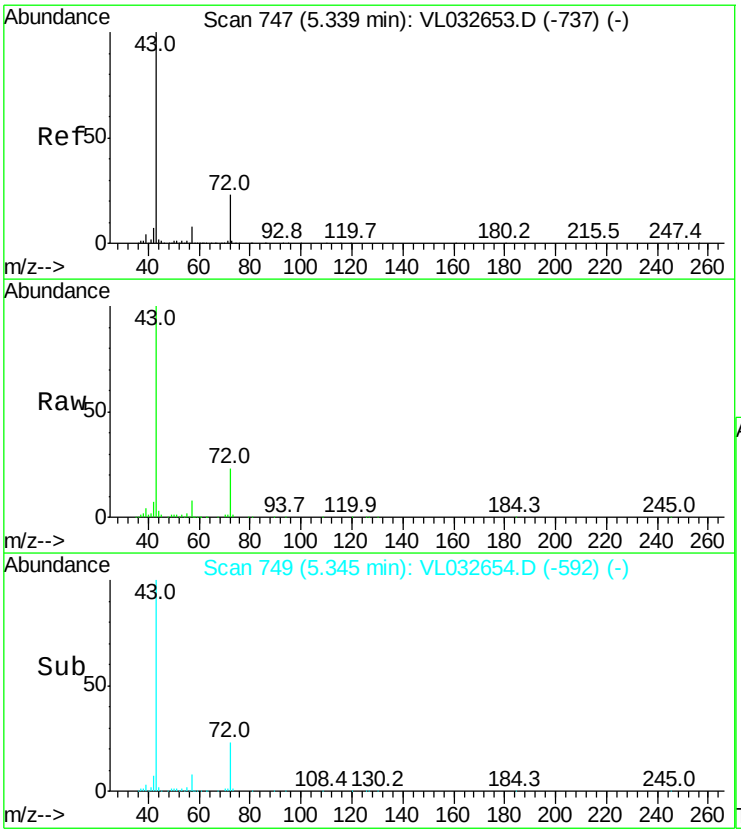
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.31 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:114 Resp: 4224410

Ion	Ratio	Lower	Upper
114	100		
63	25.1	21.7	32.5
88	18.0	14.9	22.3

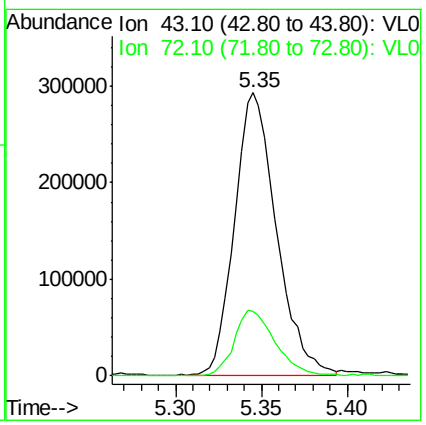


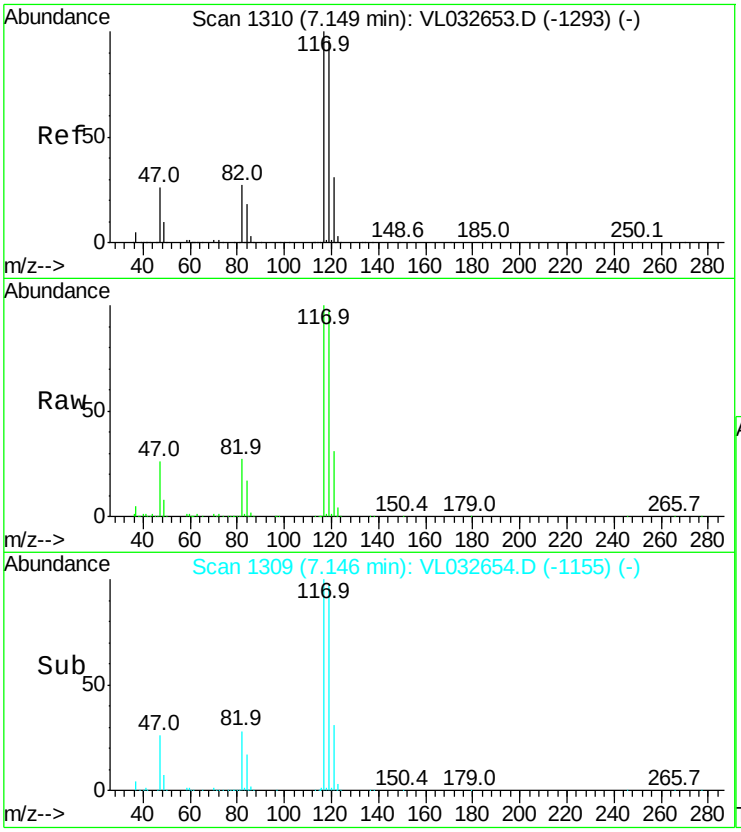


#34
2-Butanone
Concen: 2.104 ppbv
RT: 5.35 min Scan# 749
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 43 Resp: 493201

Ion	Ratio	Lower	Upper
43	100		
72	22.9	18.6	27.8



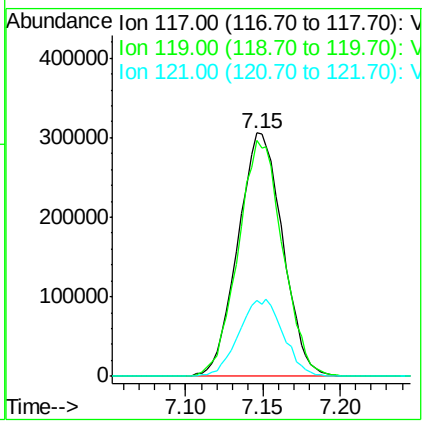


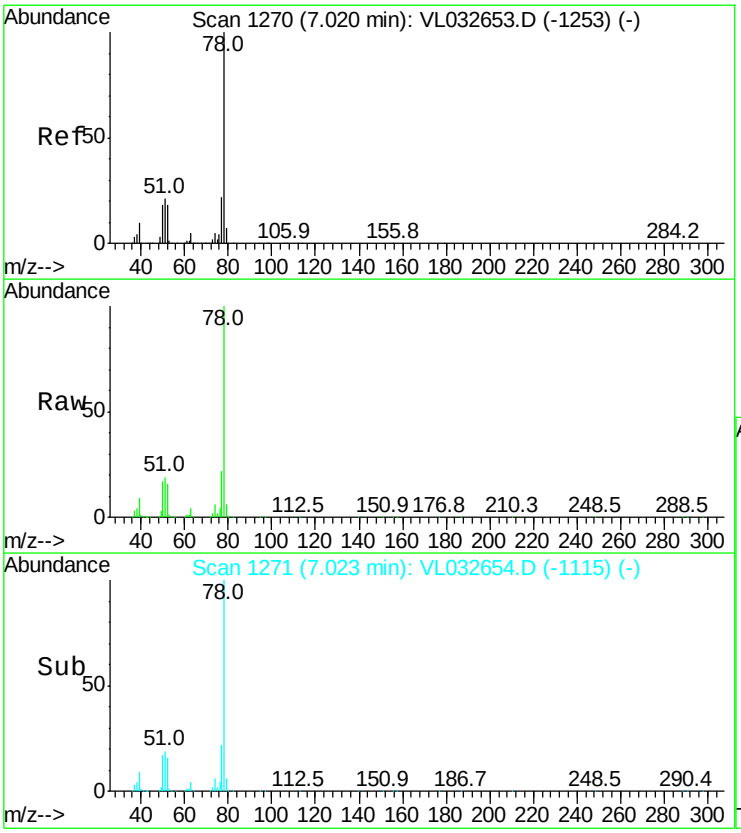
#35
Carbon Tetrachloride
Concen: 1.882 ppbv
RT: 7.15 min Scan# 1309
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 616107

Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.7	113.5
121	31.3	24.7	37.1

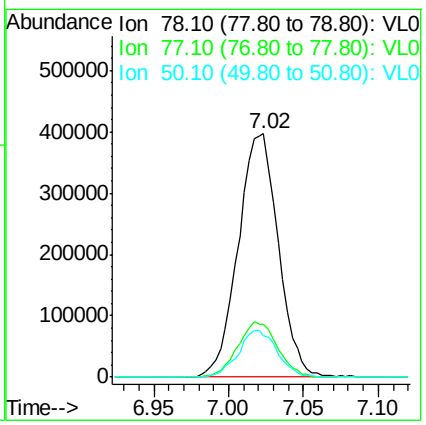


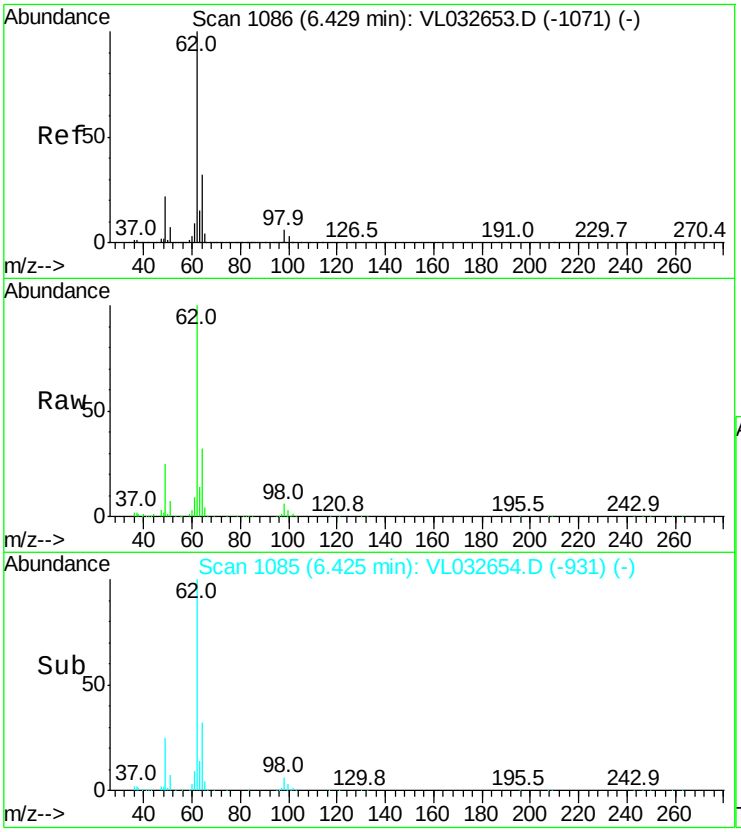


#36
Benzene
Concen: 2.161 ppbv
RT: 7.02 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 78 Resp: 740023

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.1	27.1
50	17.1	15.1	22.7



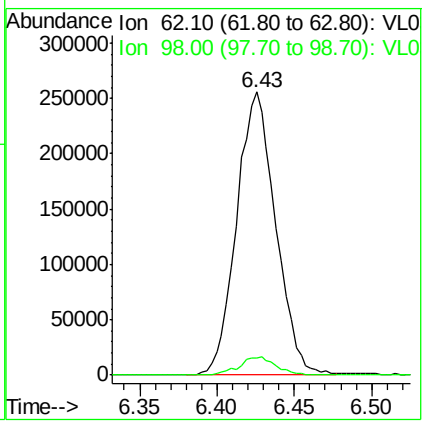


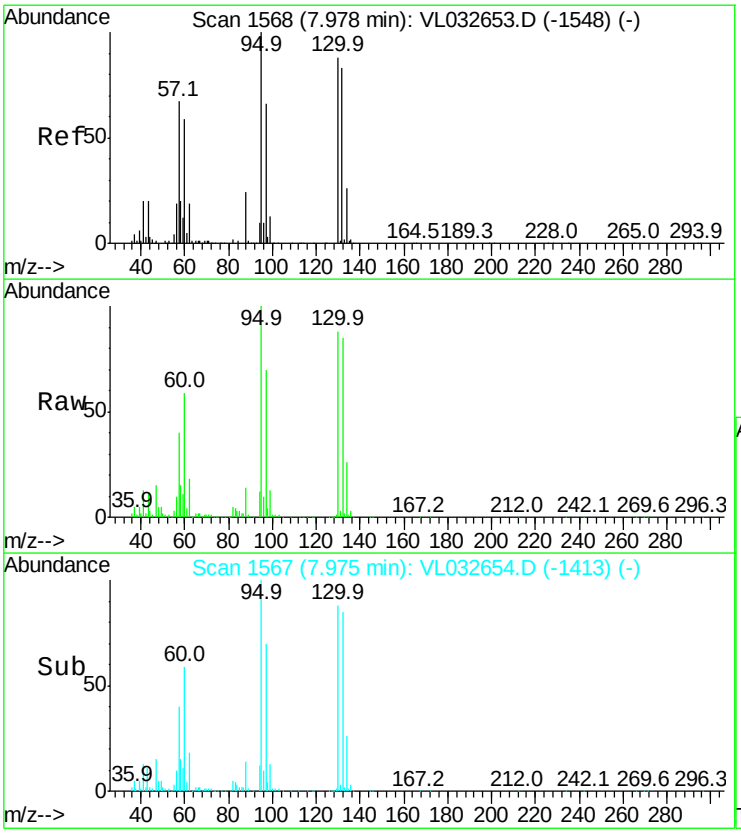
#37
1,2-Dichloroethane
Concen: 1.914 ppbv
RT: 6.43 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 62 Resp: 449427

Ion	Ratio	Lower	Upper
62	100		
98	6.2	4.4	6.6

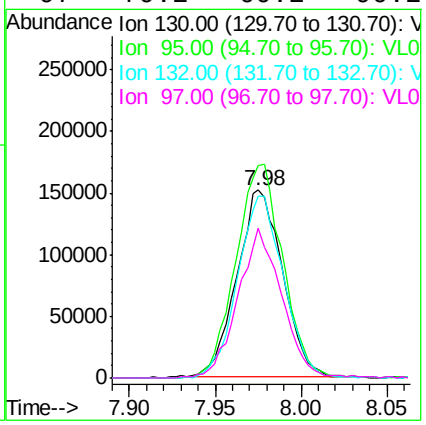


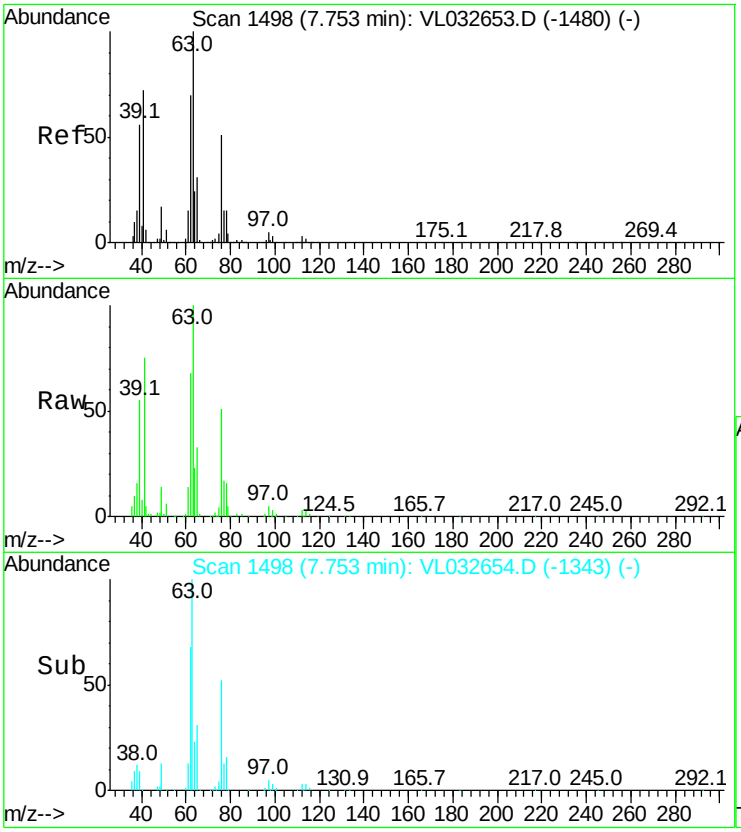


#38
Trichloroethene
Concen: 2.173 ppbv
RT: 7.98 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:130 Resp: 279757

Ion	Ratio	Lower	Upper
130	100		
95	113.3	93.4	140.0
132	96.8	76.5	114.7
97	79.2	60.2	90.2



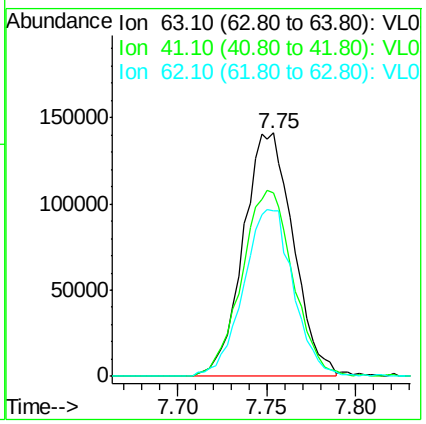


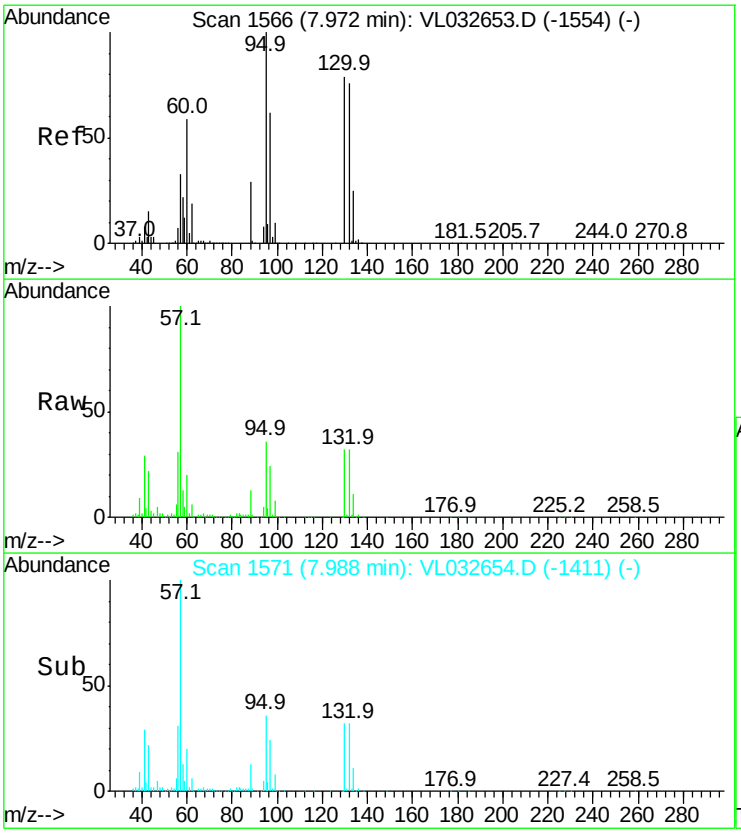
#39
1,2-Dichloropropane
Concen: 1.966 ppbv
RT: 7.75 min Scan# 1498
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 63 Resp: 273812

Ion	Ratio	Lower	Upper
63	100		
41	75.2	56.2	84.4
62	67.9	54.4	81.6

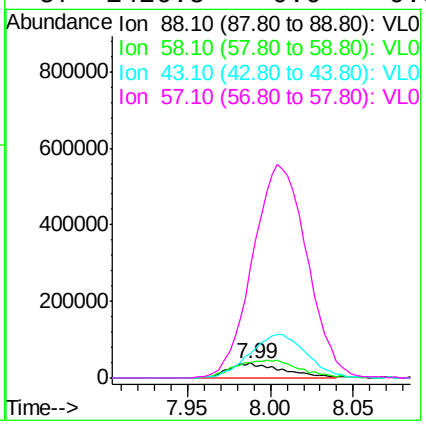


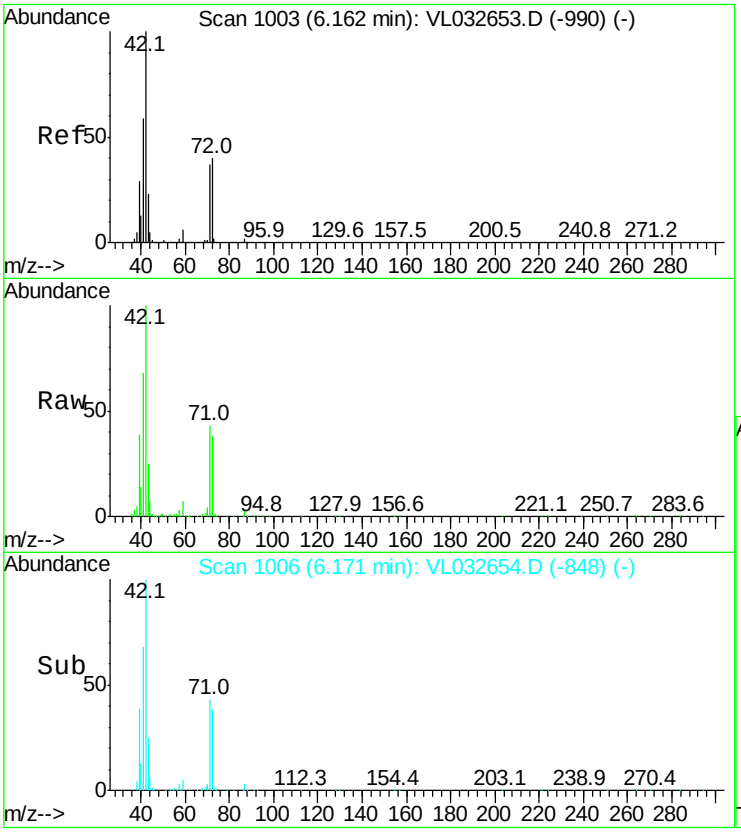


#40
1,4-Dioxane
Concen: 1.868 ppbv
RT: 7.99 min Scan# 1571
Delta R.T. 0.02 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 88 Resp: 89878

Ion	Ratio	Lower	Upper
88	100		
58	145.6	104.0	156.0
43	308.9	0.0	0.0#
57	1426.5	0.0	0.0#



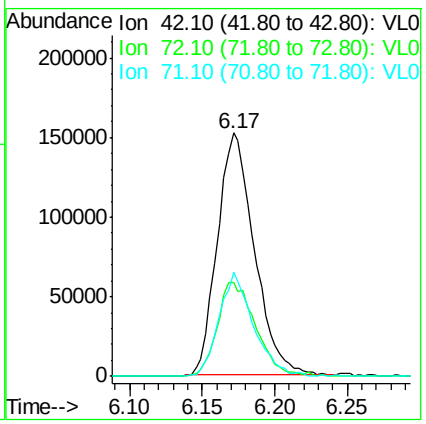


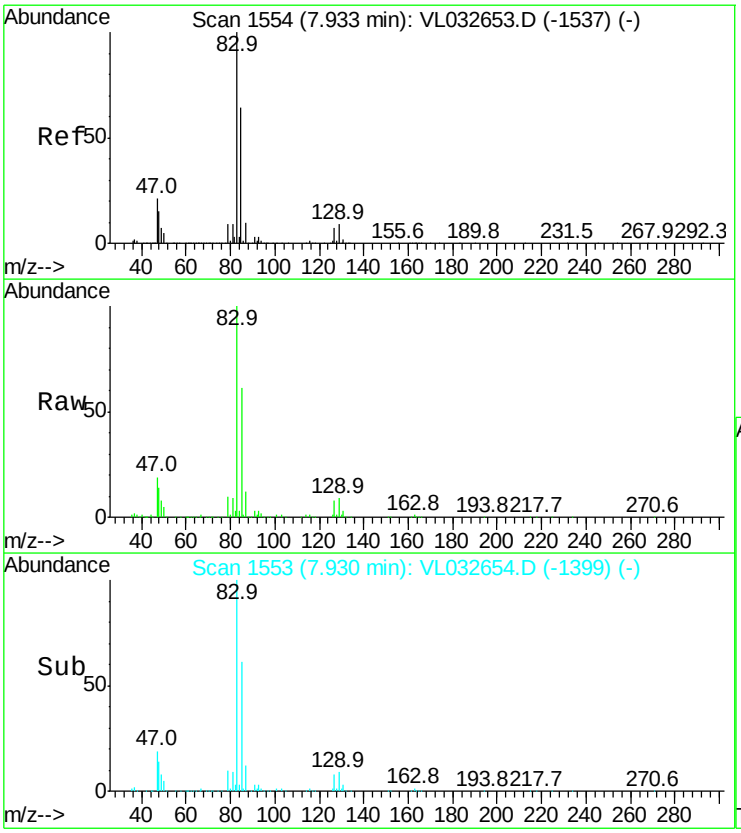
#41
Tetrahydrofuran
Concen: 2.170 ppbv
RT: 6.17 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 42 Resp: 269919

Ion	Ratio	Lower	Upper
42	100		
72	40.6	32.4	48.6
71	40.1	31.3	46.9

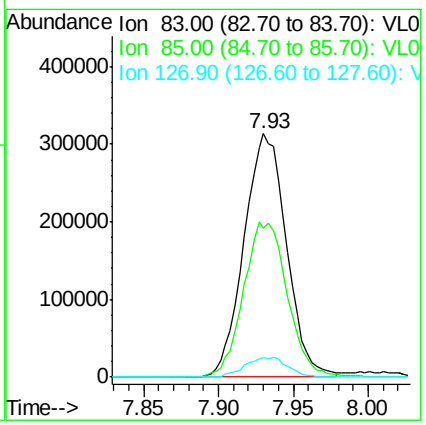


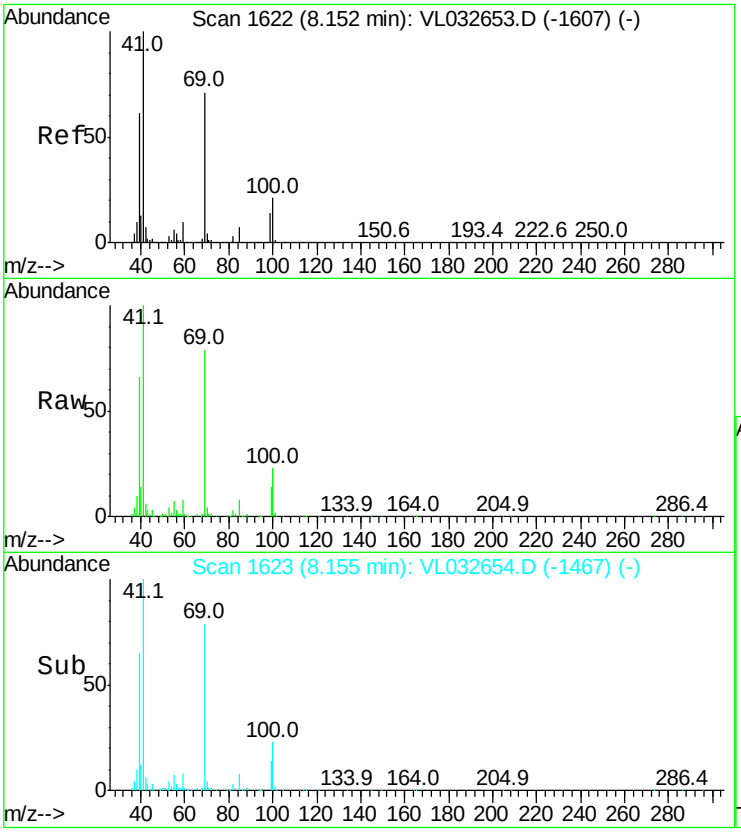


#42
Bromodichloromethane
Concen: 1.929 ppbv
RT: 7.93 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 83 Resp: 617496

Ion	Ratio	Lower	Upper
83	100		
85	61.1	52.4	78.6
127	8.3	6.1	9.1



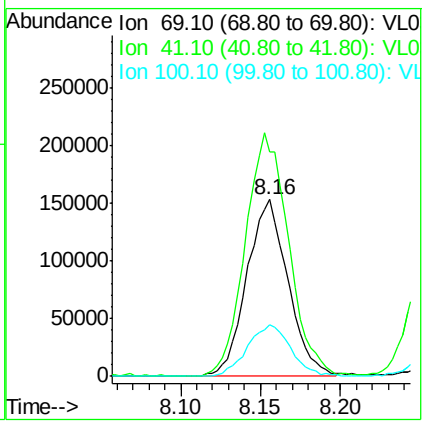


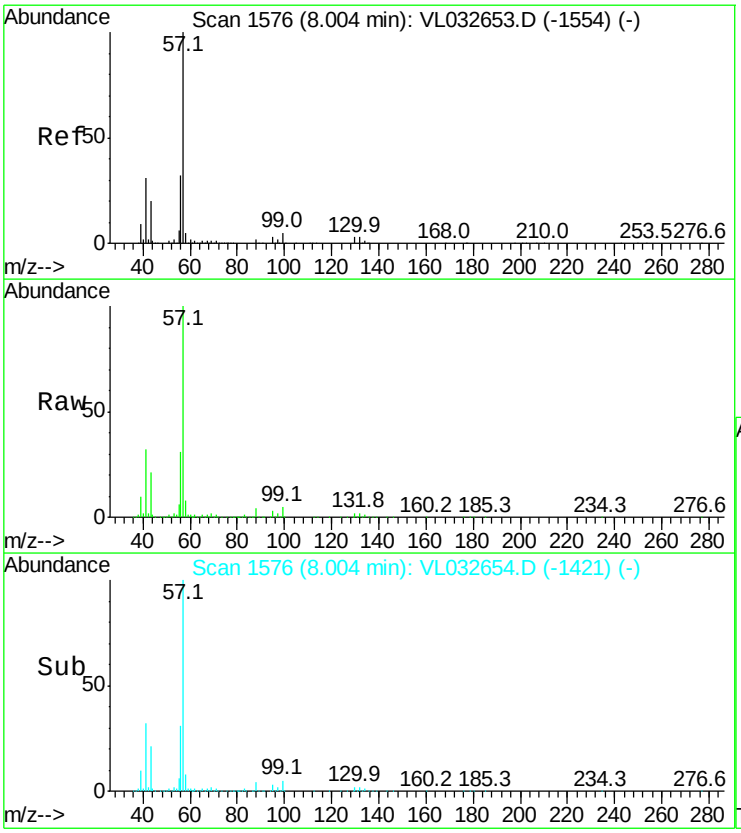
#43
Methyl Methacrylate
Concen: 2.042 ppbv
RT: 8.16 min Scan# 1623
Delta R.T. 0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 69 Resp: 271114

Ion	Ratio	Lower	Upper
69	100		
41	144.6	113.2	169.8
100	30.8	24.4	36.6

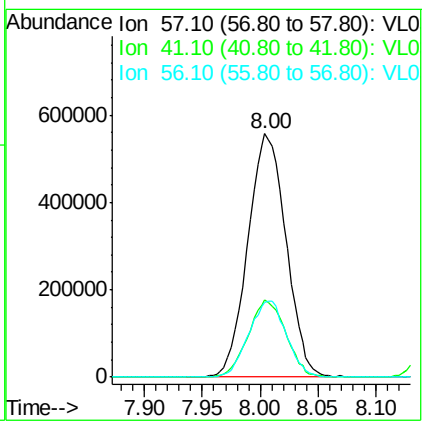


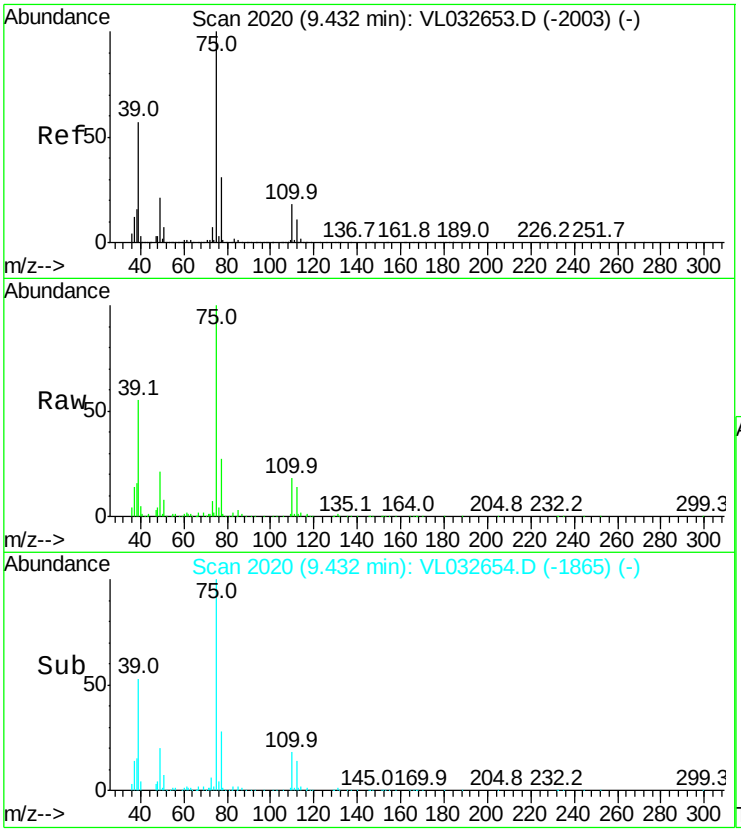


#44
2,2,4-Trimethylpentane
Concen: 2.104 ppbv
RT: 8.00 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 57 Resp: 1277341

Ion	Ratio	Lower	Upper
57	100		
41	31.5	24.7	37.1
56	31.1	25.0	37.4



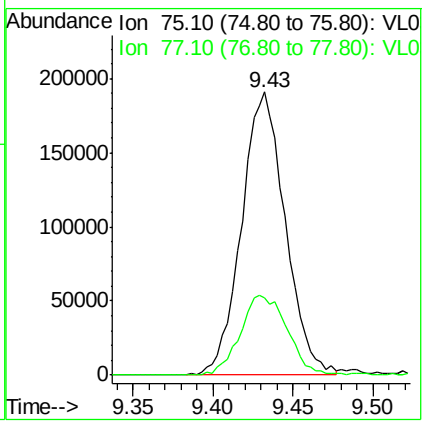


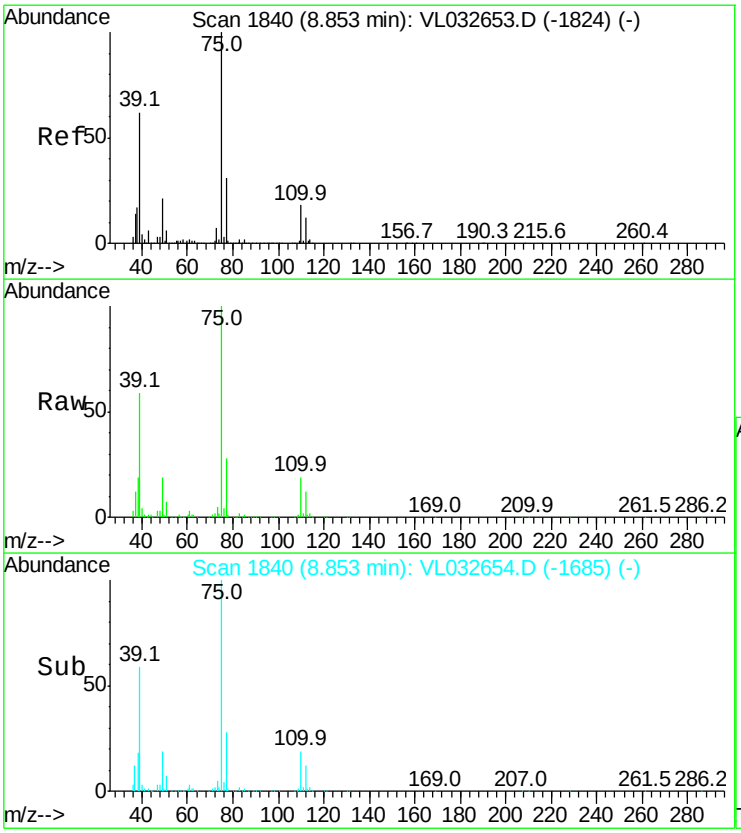
#45
t-1,3-Dichloropropene
Concen: 2.047 ppbv
RT: 9.43 min Scan# 2020
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 75 Resp: 355383

Ion	Ratio	Lower	Upper
75	100		
77	27.5	25.3	37.9

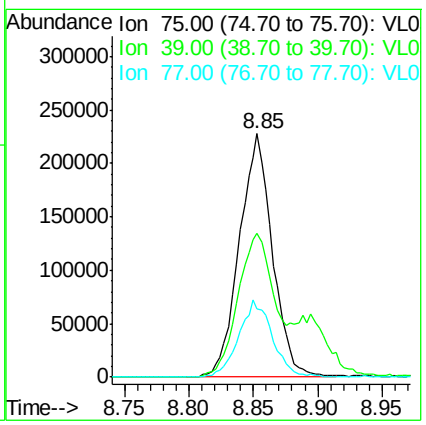


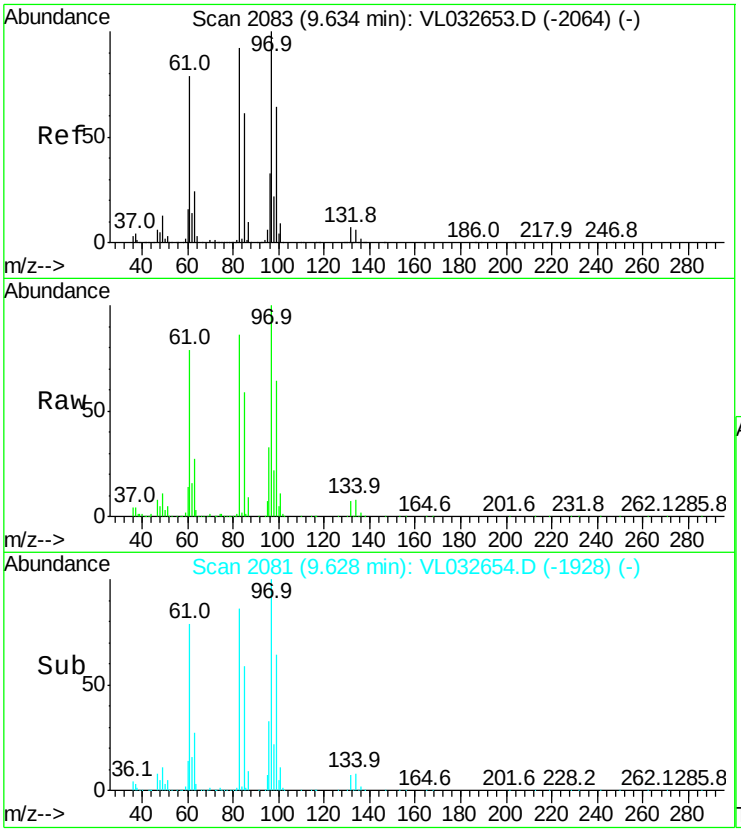


#46
cis-1,3-Dichloropropene
Concen: 2.054 ppbv
RT: 8.85 min Scan# 1840
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 75 Resp: 405931

Ion	Ratio	Lower	Upper
75	100		
39	58.9	50.9	76.3
77	28.2	25.8	38.6



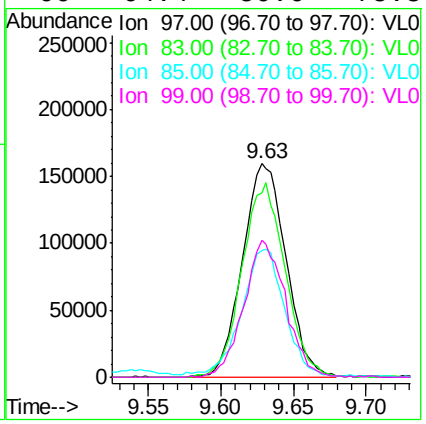


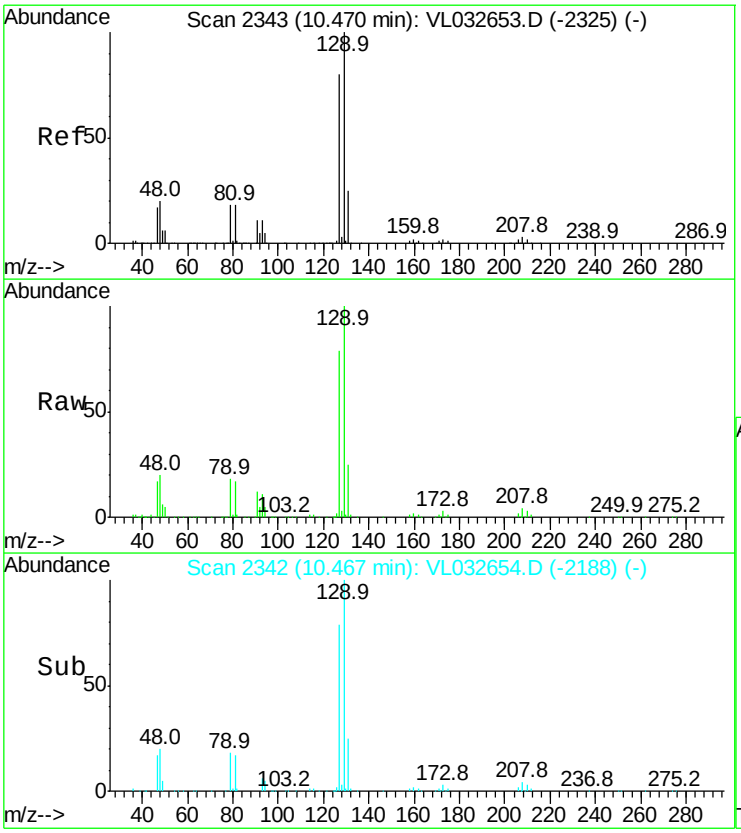
#47
1,1,2-Trichloroethane
Concen: 2.008 ppbv
RT: 9.63 min Scan# 2081
Delta R.T. -0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 97 Resp: 334224

Ion	Ratio	Lower	Upper
97	100		
83	86.3	73.5	110.3
85	58.9	45.8	68.6
99	64.4	50.6	75.8

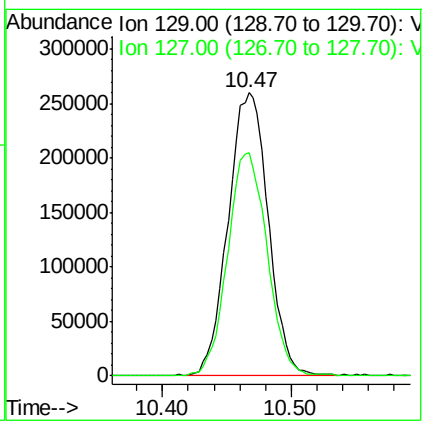


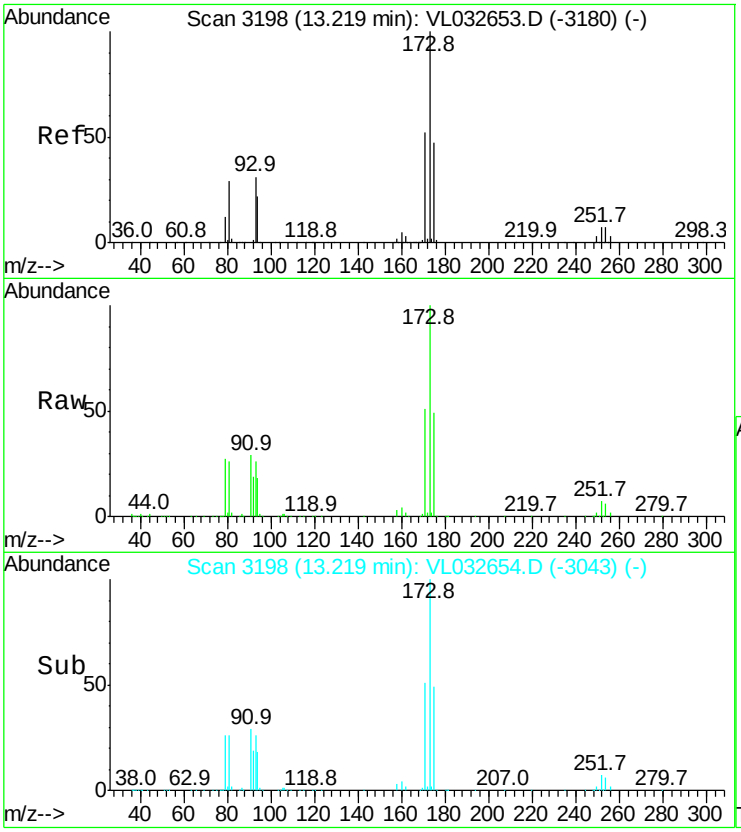


#48
Dibromochloromethane
Concen: 1.975 ppbv
RT: 10.47 min Scan# 2342
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:129 Resp: 558477

Ion	Ratio	Lower	Upper
129	100		
127	78.4	39.1	117.5



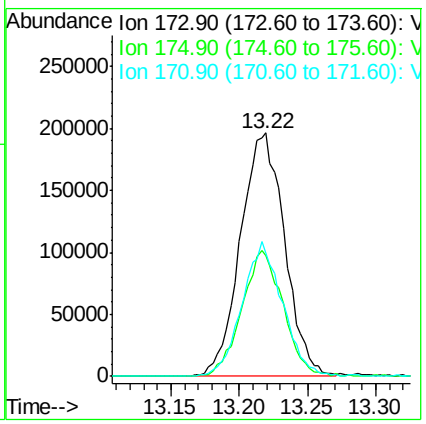


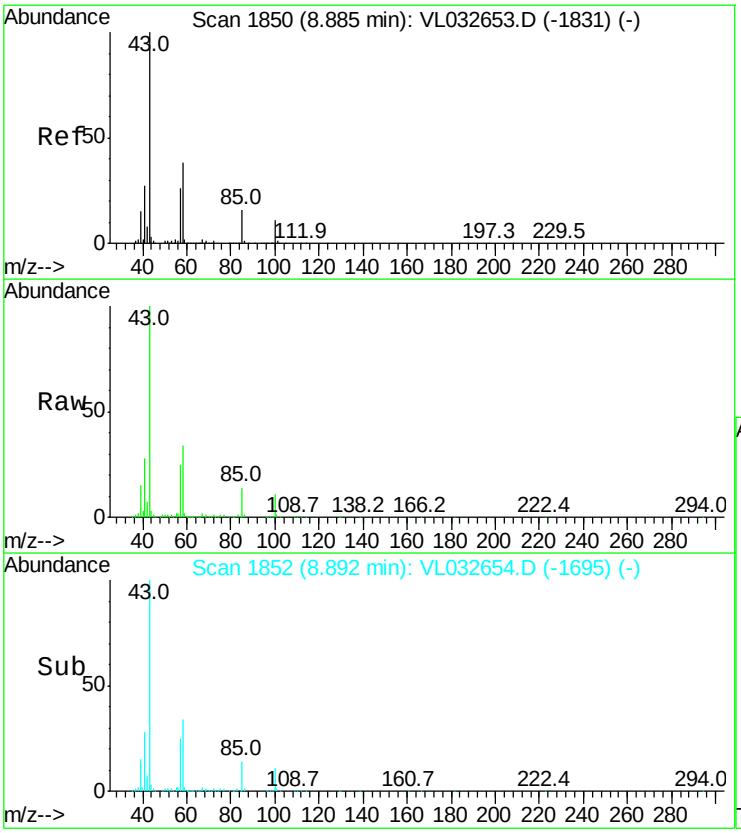
#49
Bromoform
Concen: 2.063 ppbv
RT: 13.22 min Scan# 3198
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:173 Resp: 440726

Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.0	58.4
171	51.3	42.2	63.2

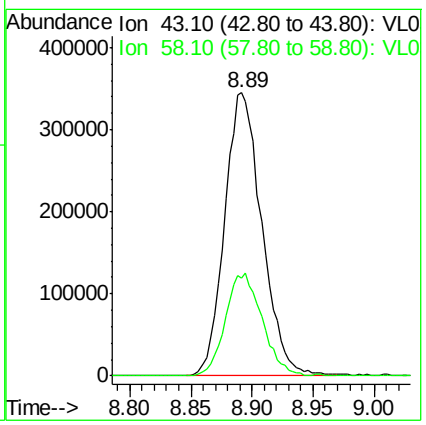


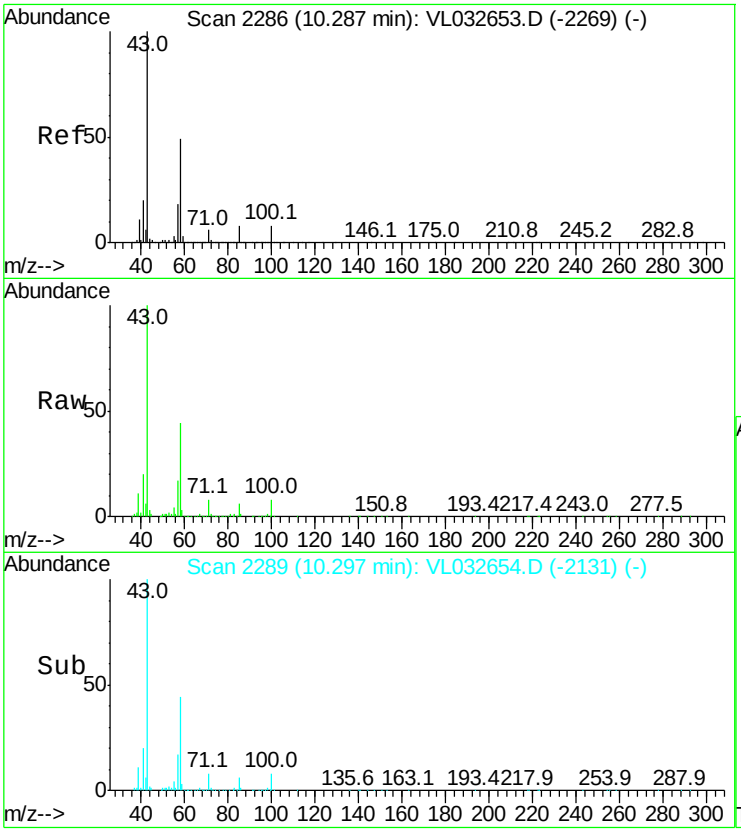


#50
4-Methyl-2-Pentanone
Concen: 2.115 ppbv
RT: 8.89 min Scan# 1852
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 43 Resp: 729882

Ion	Ratio	Lower	Upper
43	100		
58	36.2	29.7	44.5



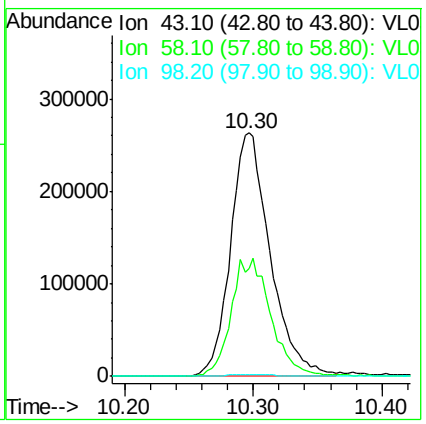


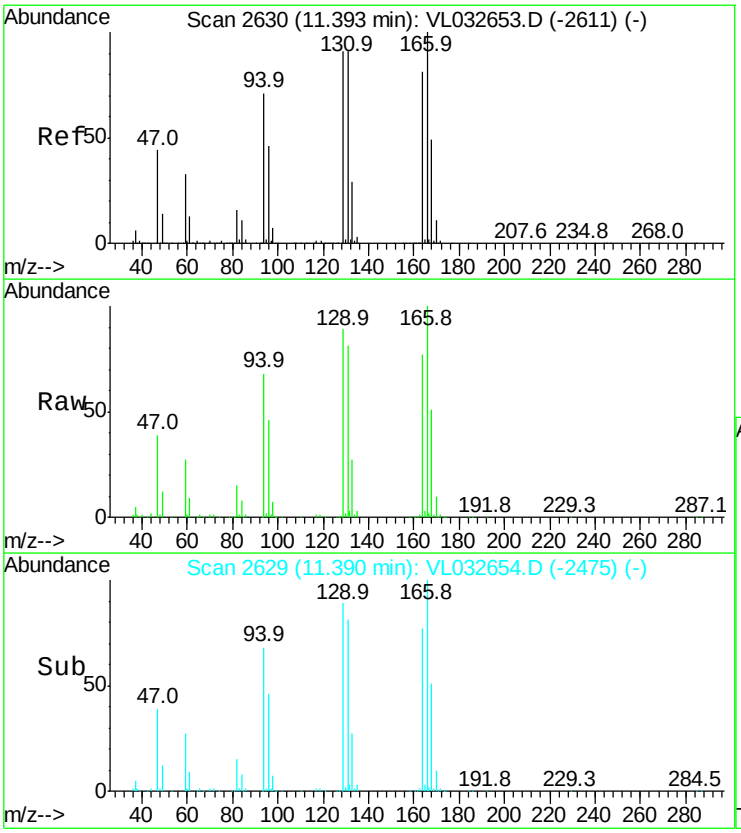
#51
2-Hexanone
Concen: 2.074 ppbv
RT: 10.30 min Scan# 2289
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 43 Resp: 562876

Ion	Ratio	Lower	Upper
43	100		
58	48.5	40.4	60.6
98	1.1	0.4	0.6#

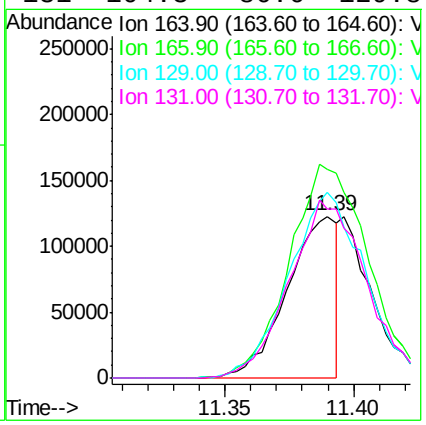


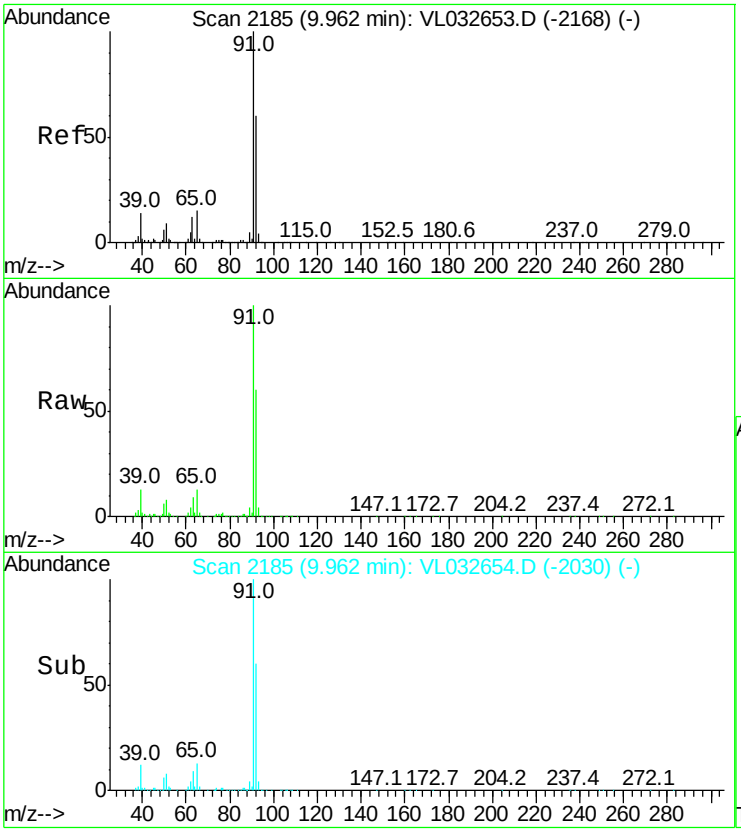


#52
Tetrachloroethene
Concen: 1.467 ppbv
RT: 11.39 min Scan# 2629
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:164 Resp: 165402

Ion	Ratio	Lower	Upper
164	100		
166	128.9	100.5	150.7
129	115.1	90.0	135.0
131	104.3	86.6	129.8



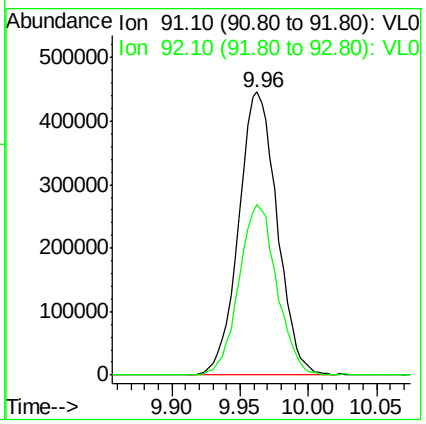


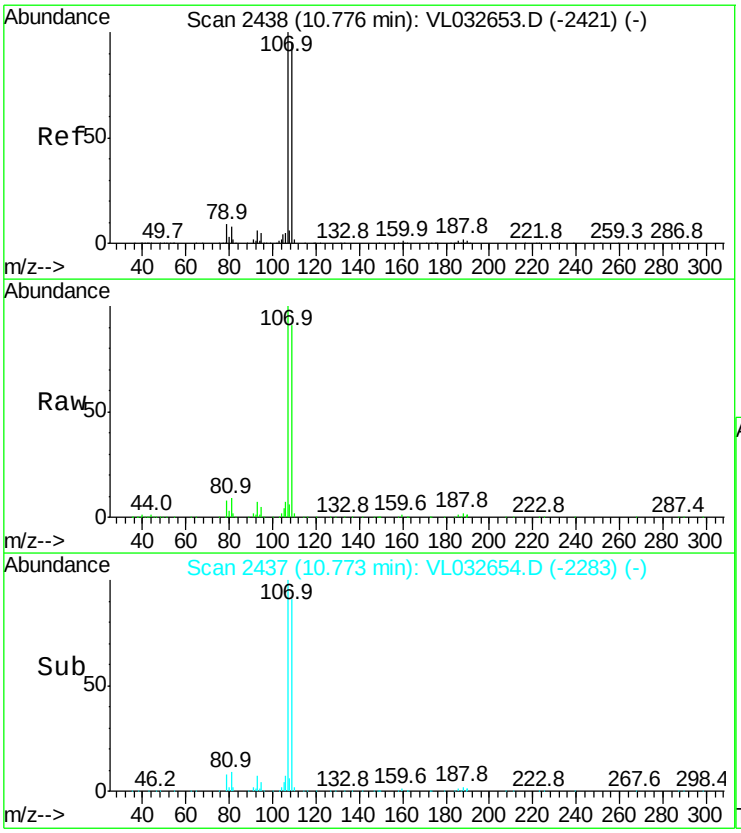
#53
Toluene
Concen: 2.234 ppbv
RT: 9.96 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 872262

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.4	72.6

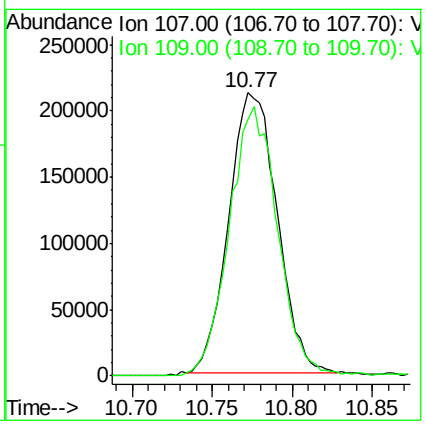


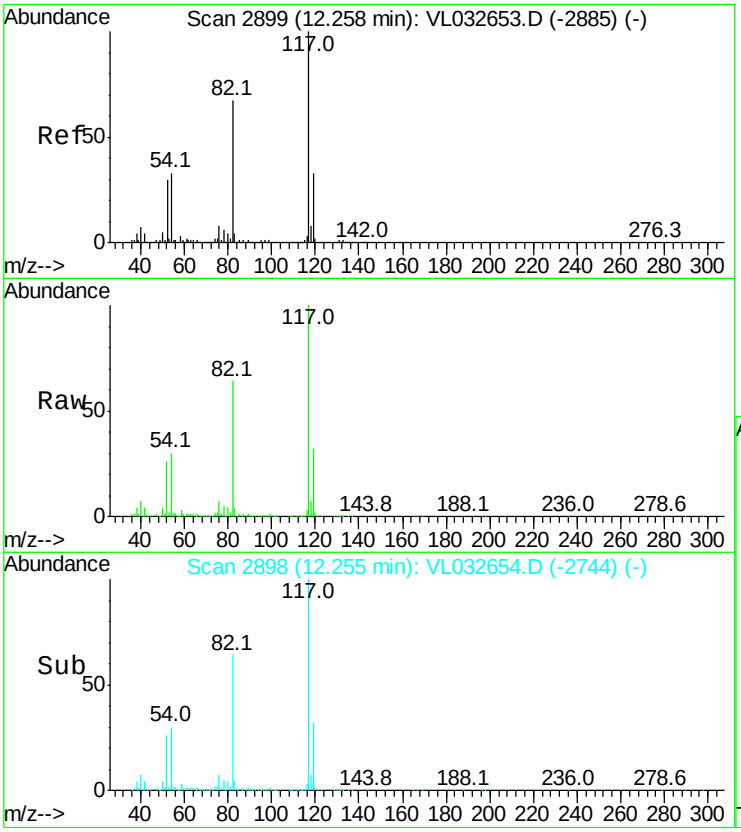


#54
1,2-Dibromoethane
Concen: 1.831 ppbv
RT: 10.77 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:107 Resp: 436519

Ion	Ratio	Lower	Upper
107	100		
109	90.5	75.3	112.9



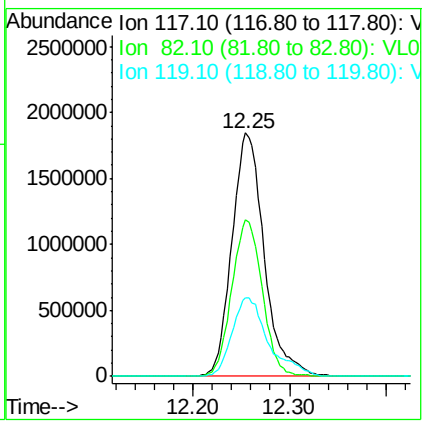


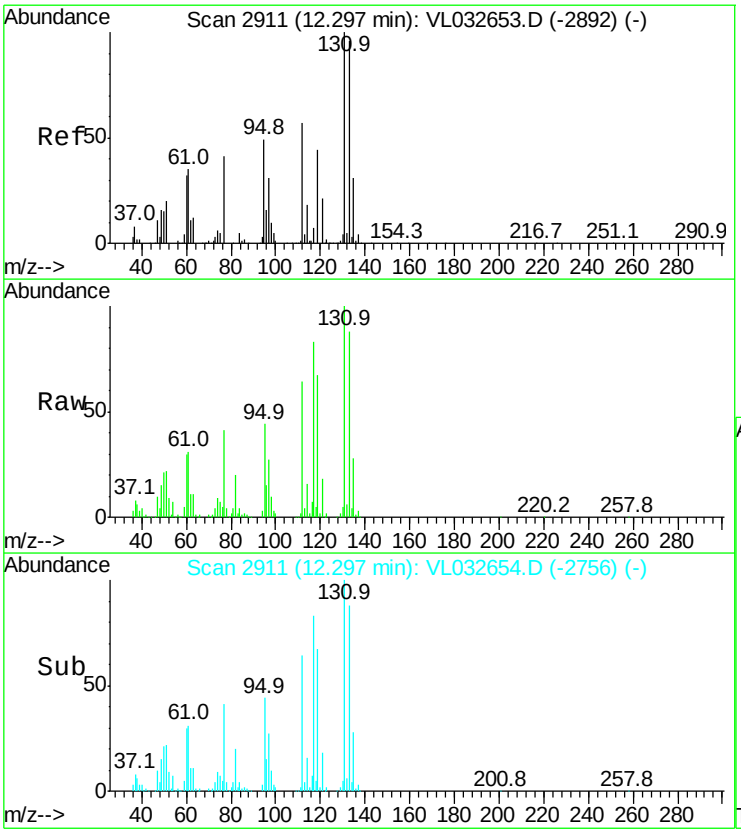
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2898
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:117 Resp: 4275144

Ion	Ratio	Lower	Upper
117	100		
82	61.1	52.7	79.1
119	36.4	26.7	40.1

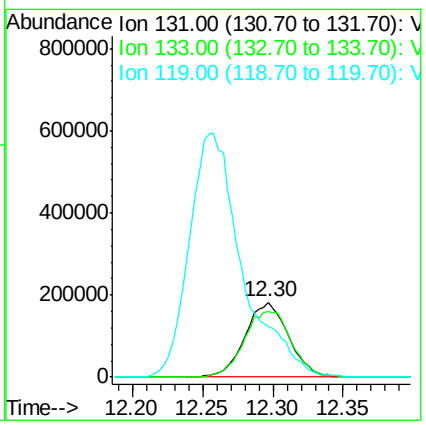


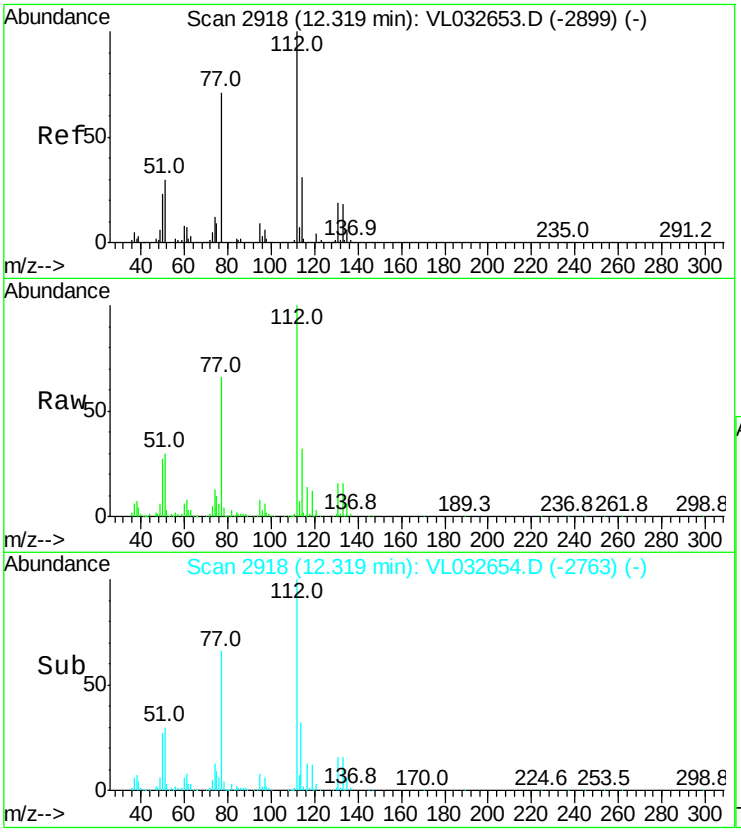


#56
1,1,1,2-Tetrachloroethane
Concen: 1.990 ppbv
RT: 12.30 min Scan# 2911
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:131 Resp: 390623

Ion	Ratio	Lower	Upper
131	100		
133	96.1	75.4	113.2
119	397.8	49.1	73.7#



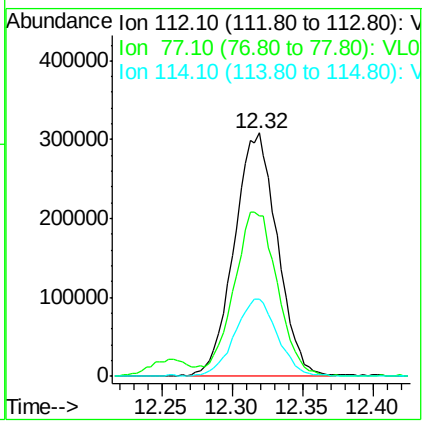


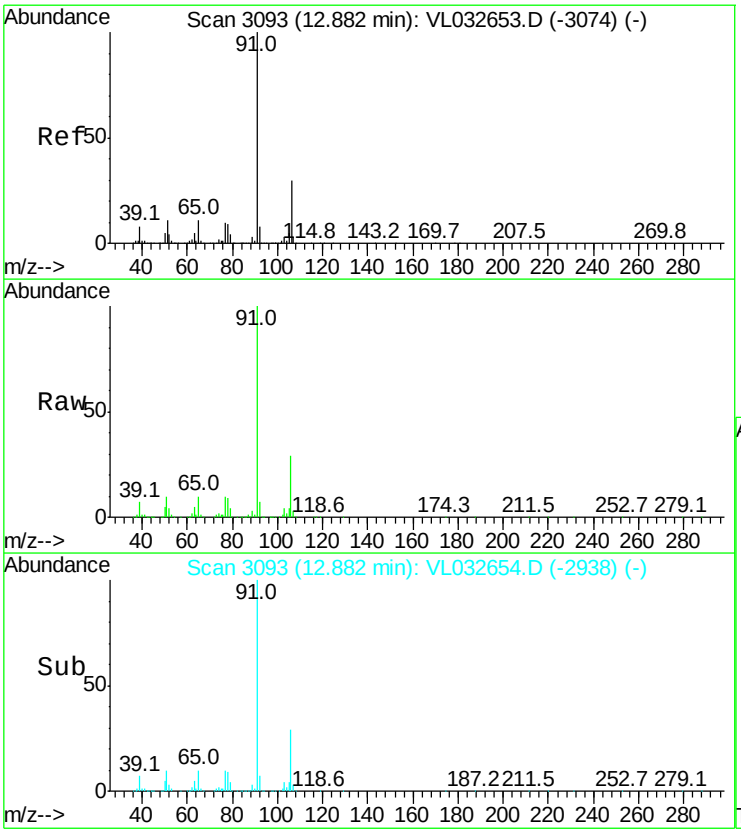
#57
Chlorobenzene
Concen: 2.015 ppbv
RT: 12.32 min Scan# 2918
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion:112 Resp: 655150

Ion	Ratio	Lower	Upper
112	100		
77	65.7	56.8	85.2
114	31.8	30.3	37.1

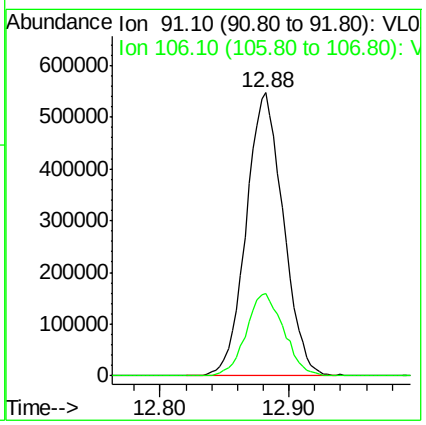


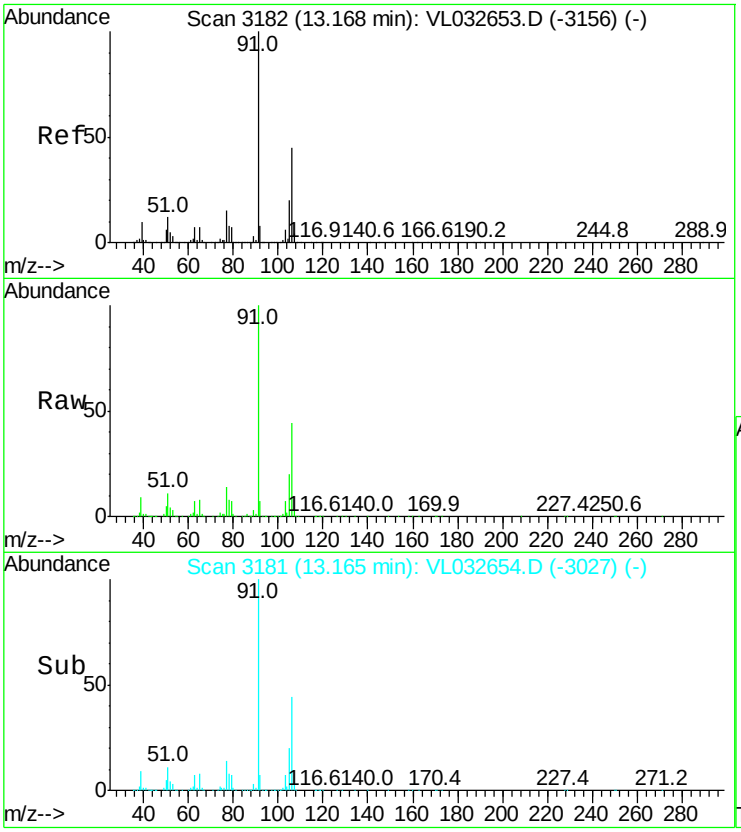


#58
Ethyl Benzene
Concen: 2.284 ppbv
RT: 12.88 min Scan# 3093
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 91 Resp: 1096606

Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.2	36.2



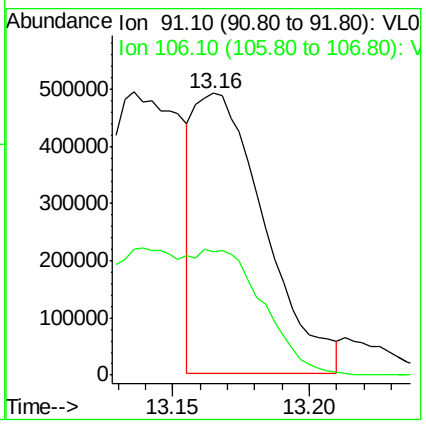


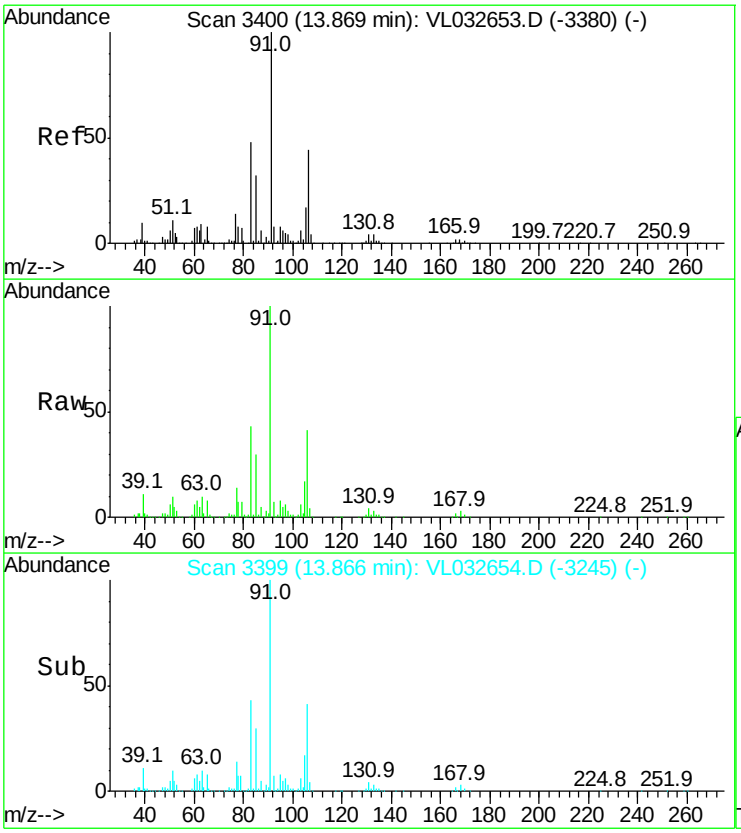
#59
m/p-Xylene
Concen: 2.039 ppbv
RT: 13.16 min Scan# 3181
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Tgt Ion: 91 Resp: 873733

Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.9	53.9#

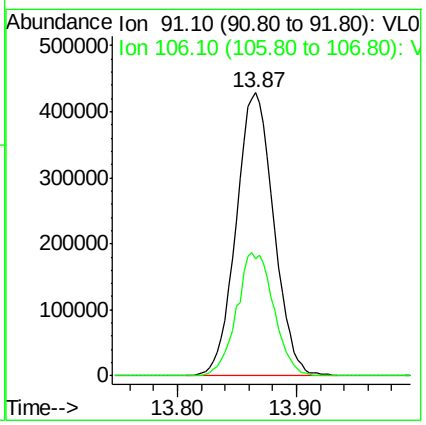


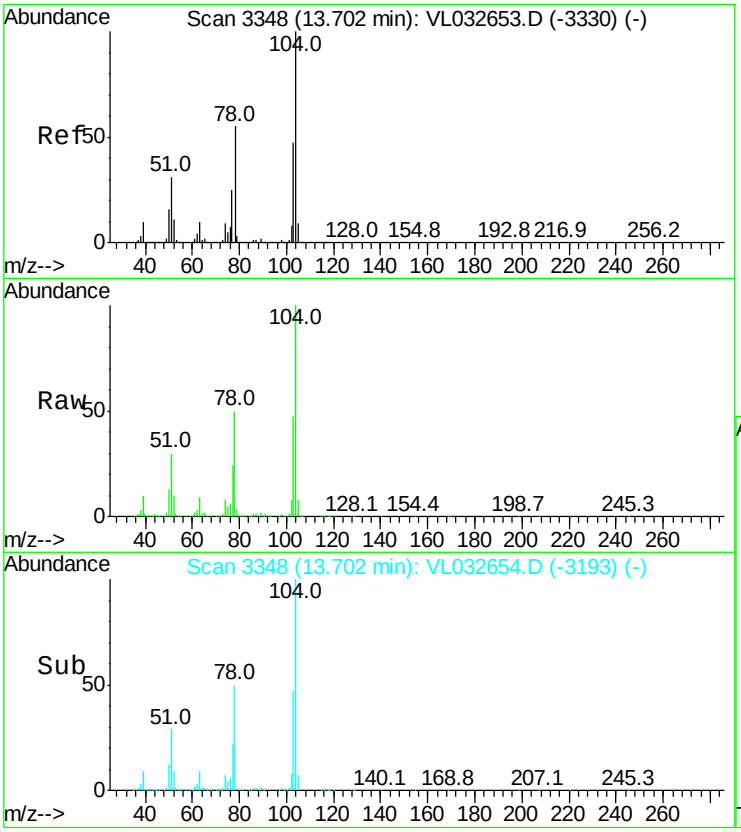


#60
o-Xylene
Concen: 2.189 ppbv
RT: 13.87 min Scan# 3399
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 91 Resp: 934753

Ion	Ratio	Lower	Upper
91	100		
106	43.1	22.1	66.1



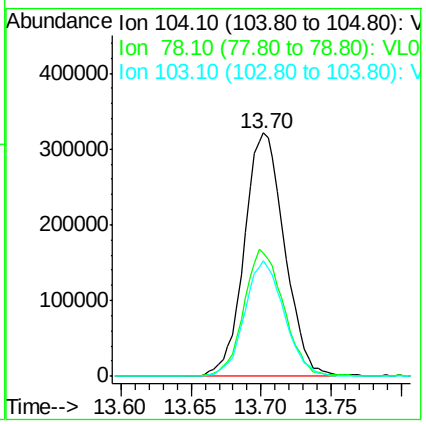


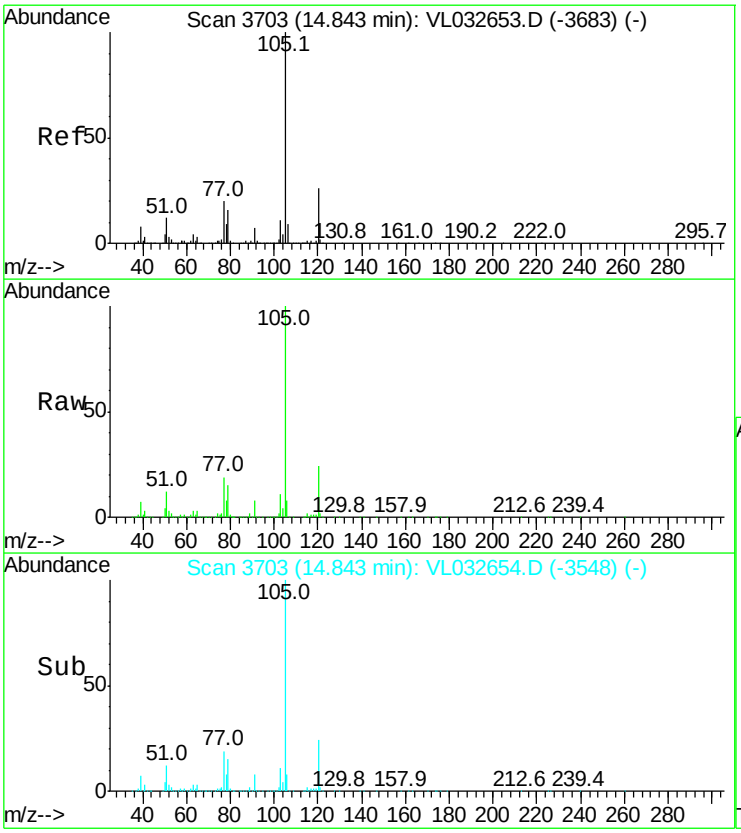
#61
Styrene
Concen: 2.475 ppbv
RT: 13.70 min Scan# 3348
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 640636

Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.8	64.2
103	47.1	37.4	56.0

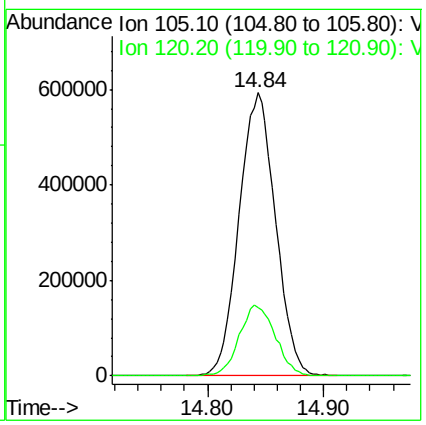


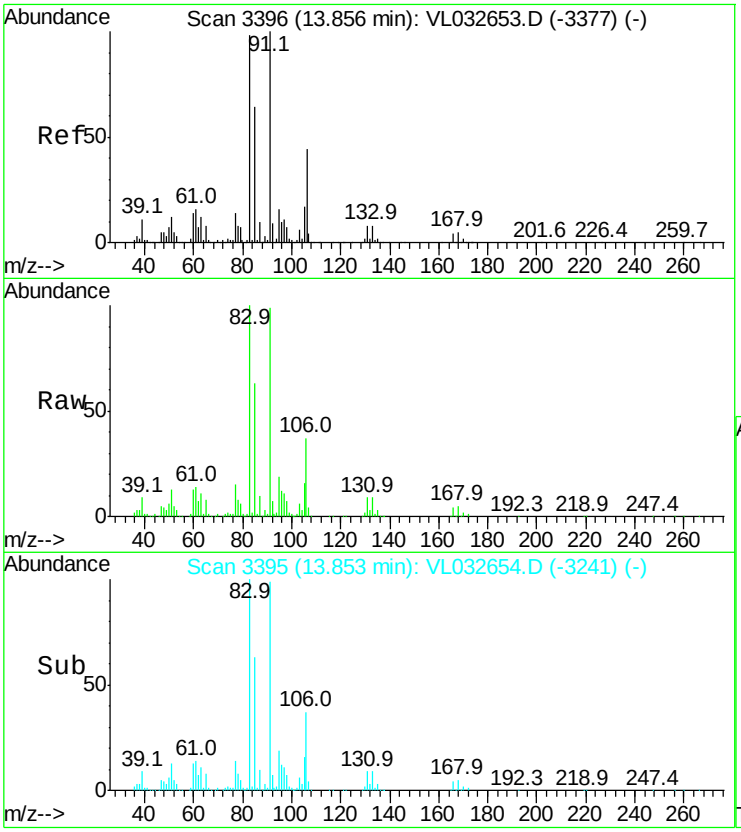


#62
Isopropylbenzene
Concen: 2.128 ppbv
RT: 14.84 min Scan# 3703
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:105 Resp: 1294660

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.5	30.7



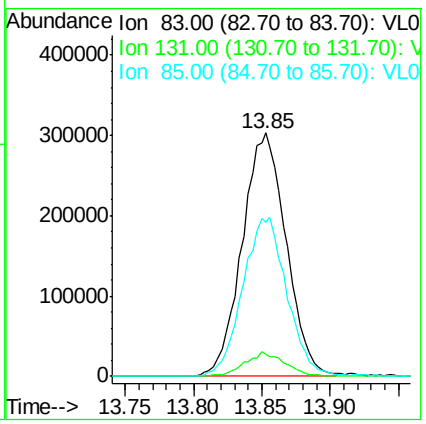


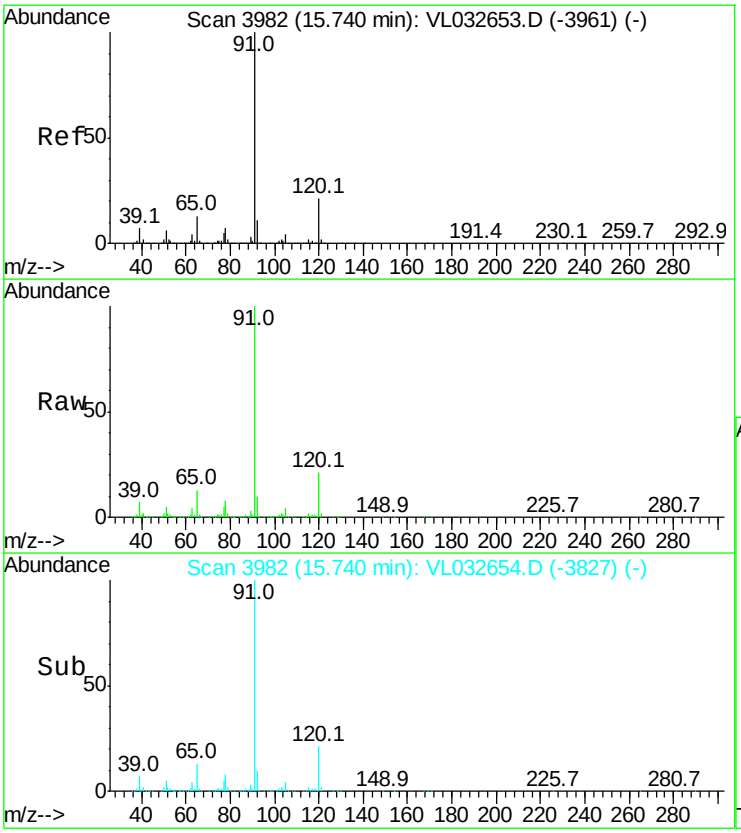
#63
1,1,2,2-Tetrachloroethane
Concen: 1.795 ppbv
RT: 13.85 min Scan# 3395
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 676676

Ion	Ratio	Lower	Upper
83	100		
131	9.2	4.3	12.9
85	65.8	32.3	96.9

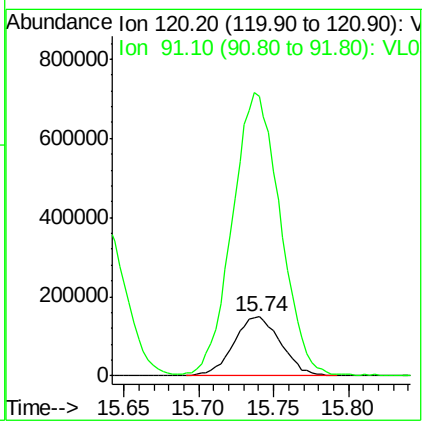


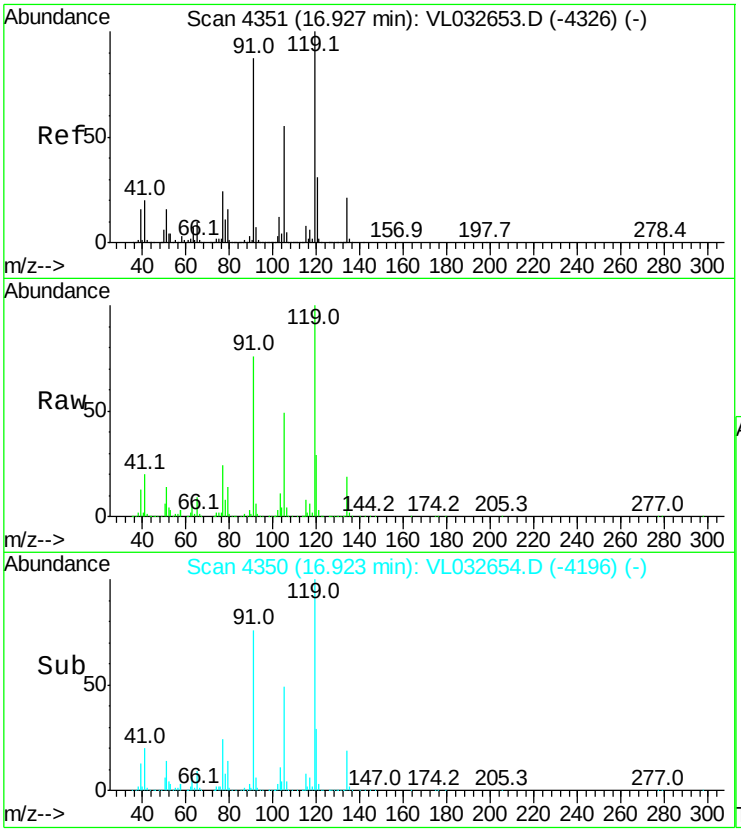


#64
n-propylbenzene
Concen: 2.099 ppbv
RT: 15.74 min Scan# 3982
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:120 Resp: 323538

Ion	Ratio	Lower	Upper
120	100		
91	495.2	390.2	585.2



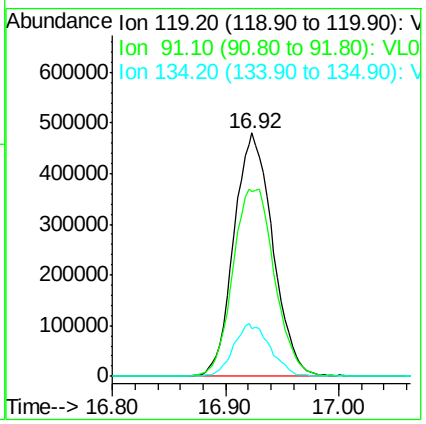


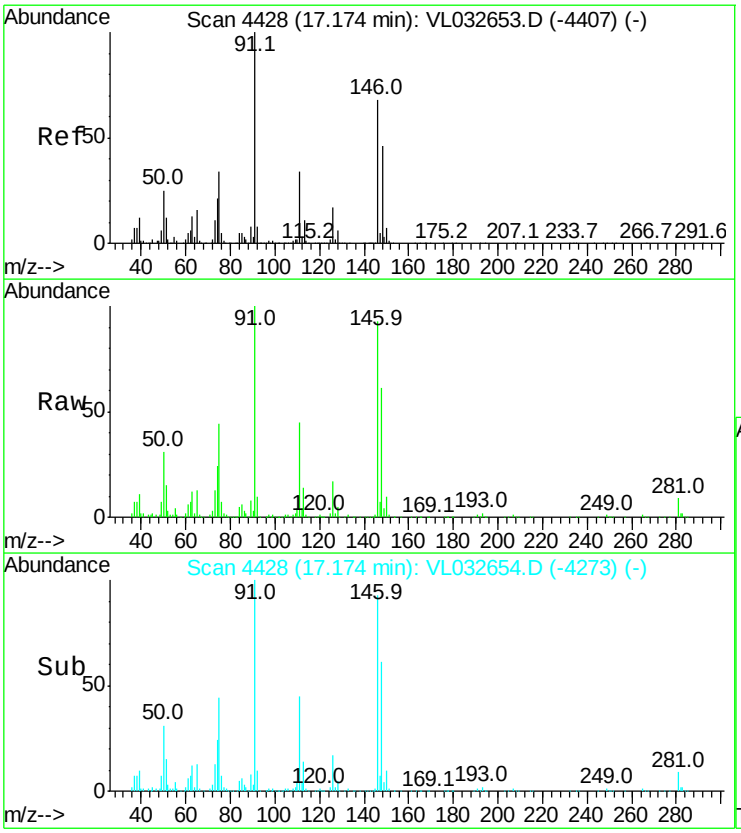
#65
tert-Butylbenzene
Concen: 2.211 ppbv
RT: 16.92 min Scan# 4350
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1141211

Ion	Ratio	Lower	Upper
119	100		
91	83.4	67.8	101.8
134	20.4	15.8	23.8

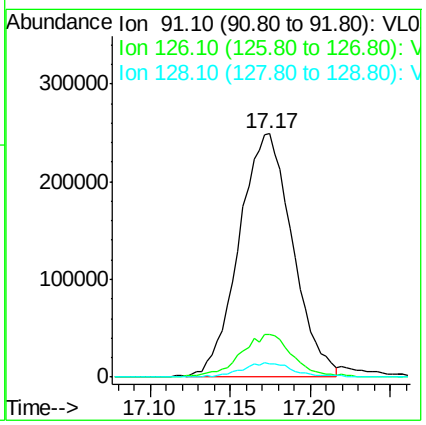


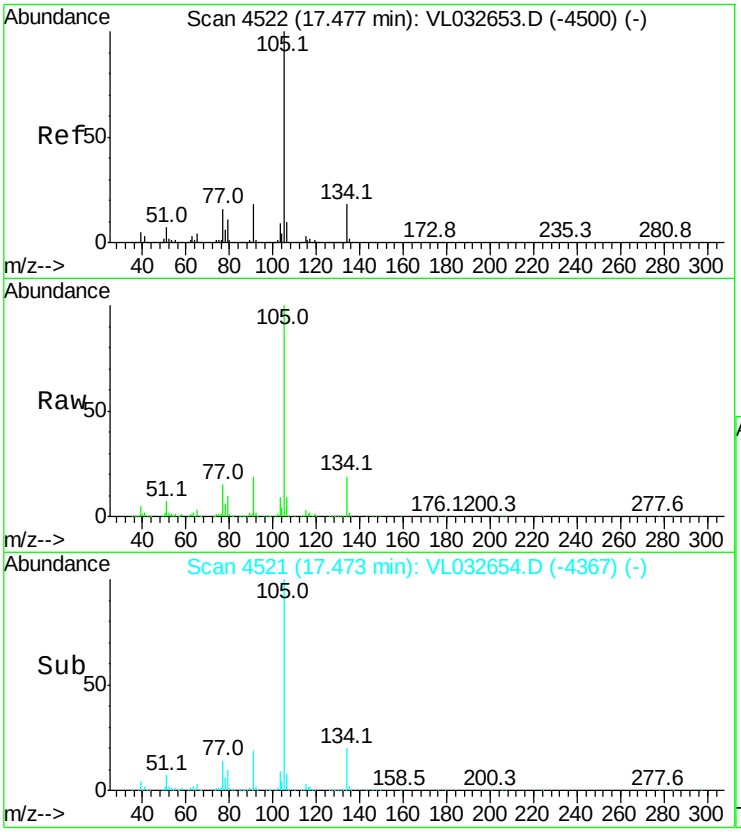


#66
Benzyl Chloride
Concen: 1.951 ppbv
RT: 17.17 min Scan# 4428
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 91 Resp: 567982

Ion	Ratio	Lower	Upper
91	100		
126	17.7	13.9	20.9
128	5.8	4.3	6.5



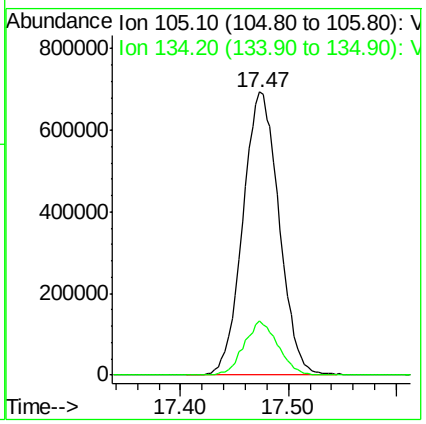


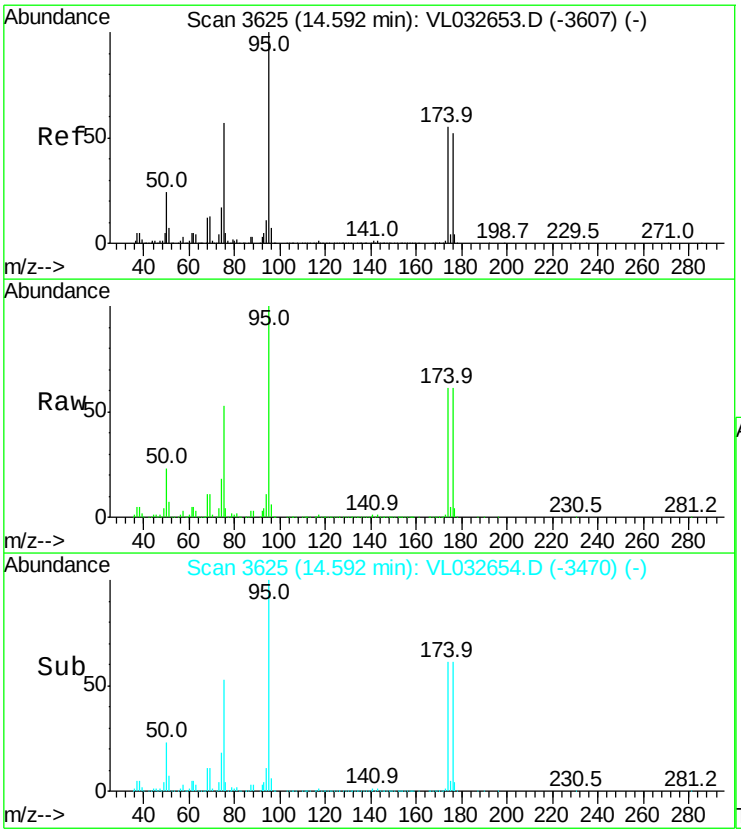
#67
sec-Butylbenzene
Concen: 2.077 ppbv
RT: 17.47 min Scan# 4521
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 1613953

Ion	Ratio	Lower	Upper
105	100		
134	18.0	14.2	21.2

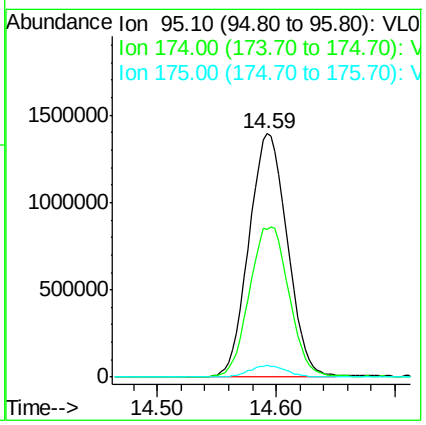


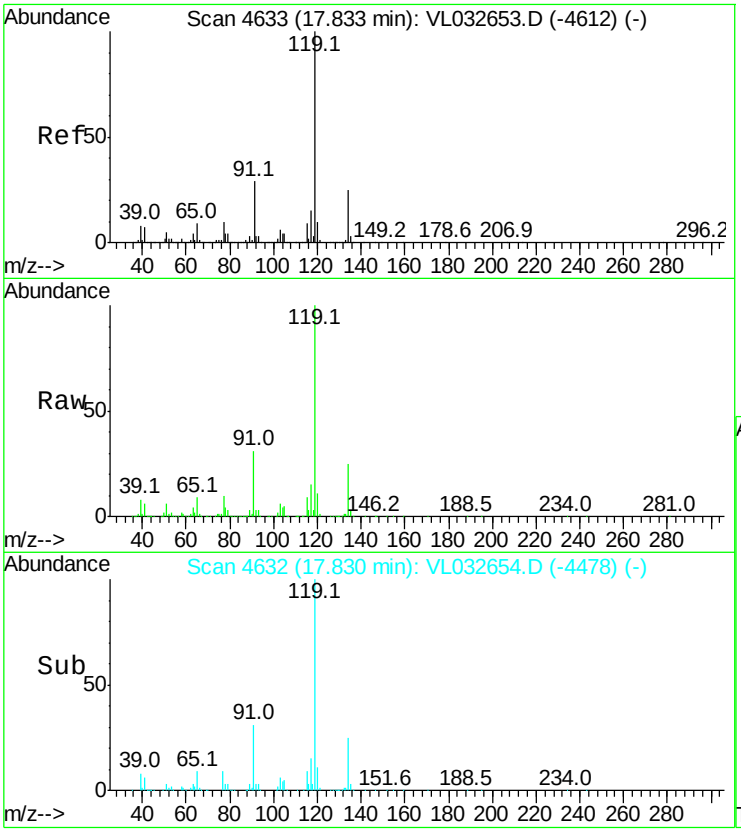


#68
1-Bromo-4-Fluorobenzene
Concen: 9.690 ppbv
RT: 14.59 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 95 Resp: 3119050

Ion	Ratio	Lower	Upper
95	100		
174	64.4	46.0	69.0
175	4.6	3.4	5.0



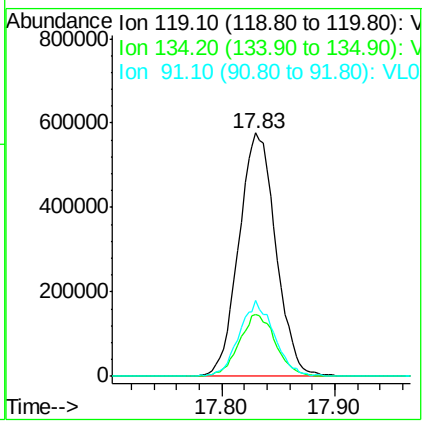


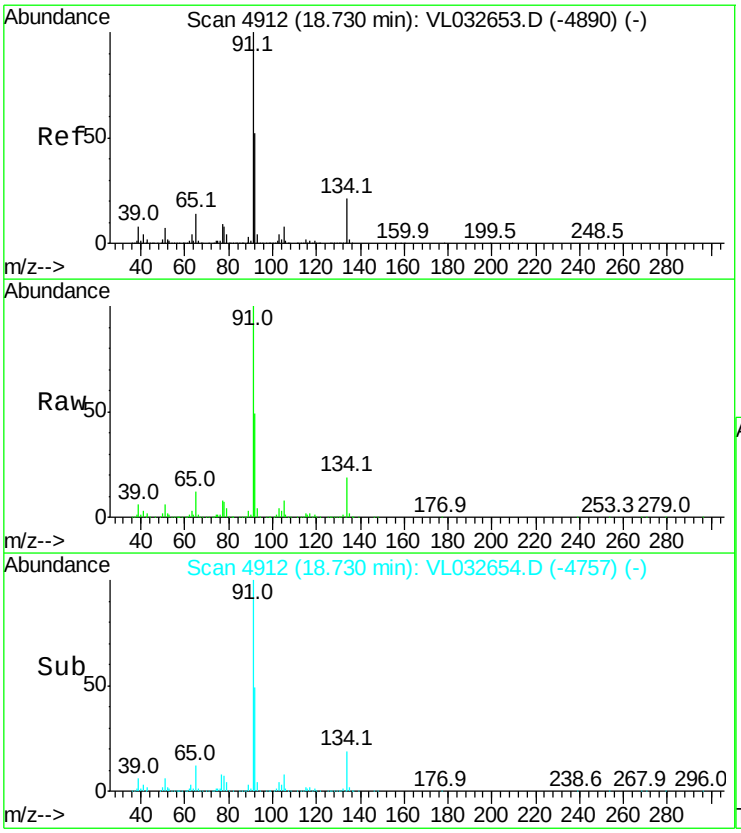
#69
p-Isopropyltoluene
Concen: 2.218 ppbv
RT: 17.83 min Scan# 4632
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:119 Resp: 1304454

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.2
91	29.5	24.0	36.0

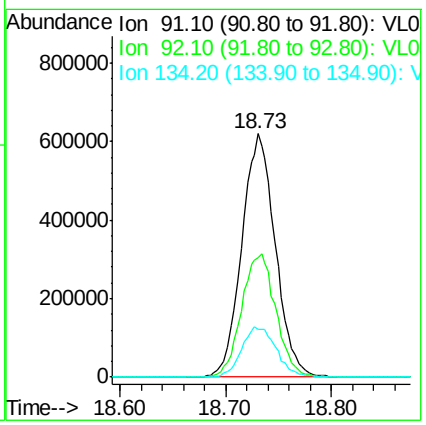


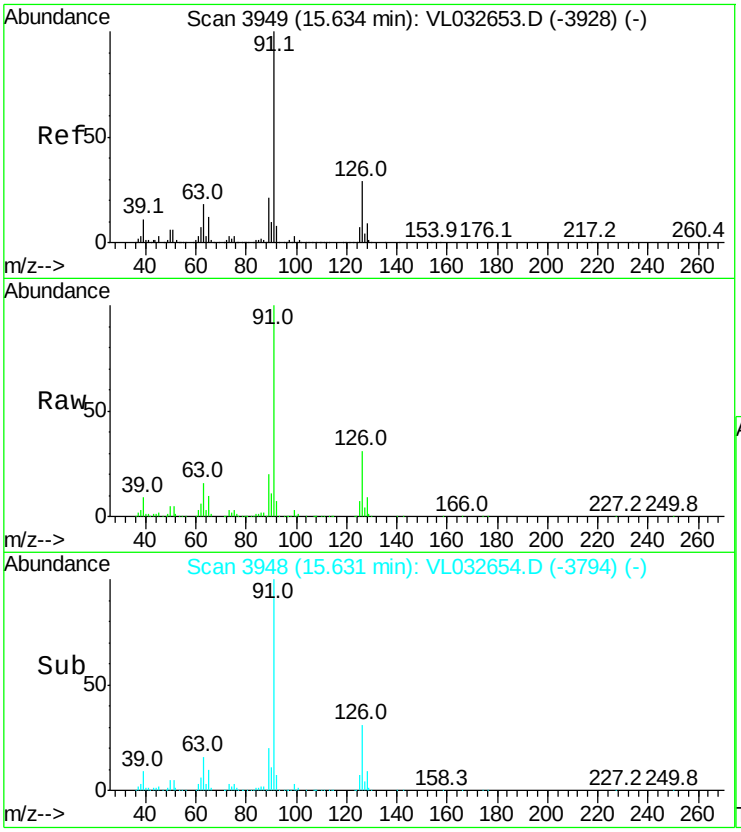


#70
n-Butylbenzene
Concen: 2.111 ppbv
RT: 18.73 min Scan# 4912
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion: 91 Resp: 1367463

Ion	Ratio	Lower	Upper
91	100		
92	51.9	43.0	64.4
134	21.5	17.0	25.6



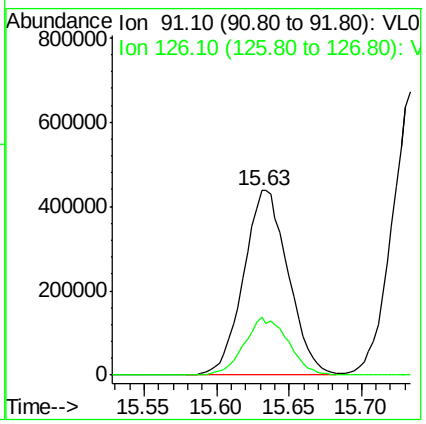


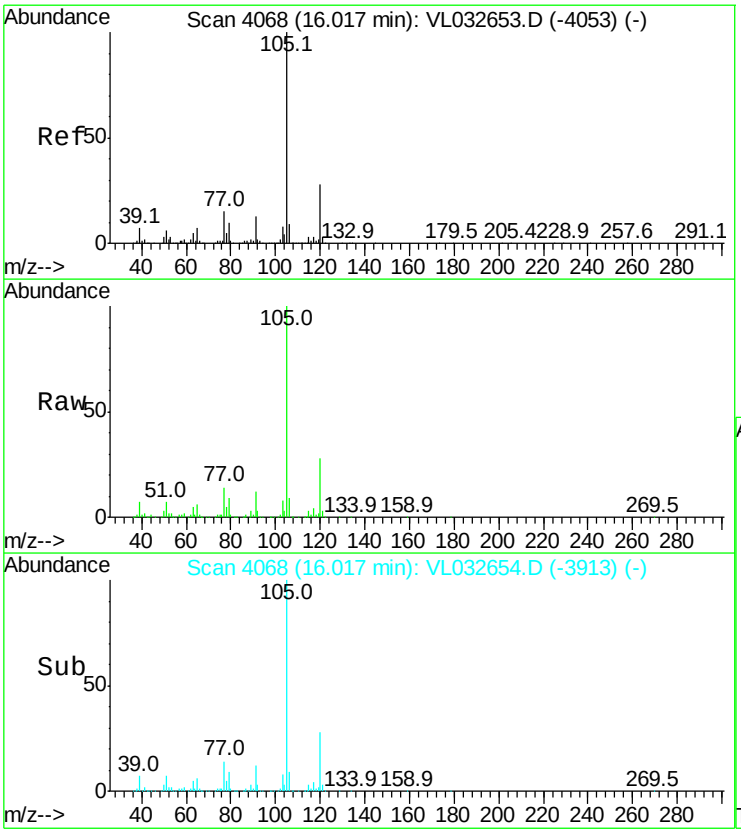
#71
2-Chlorotoluene
Concen: 2.081 ppbv
RT: 15.63 min Scan# 3948
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 935883

Ion	Ratio	Lower	Upper
91	100		
126	30.9	11.8	47.4

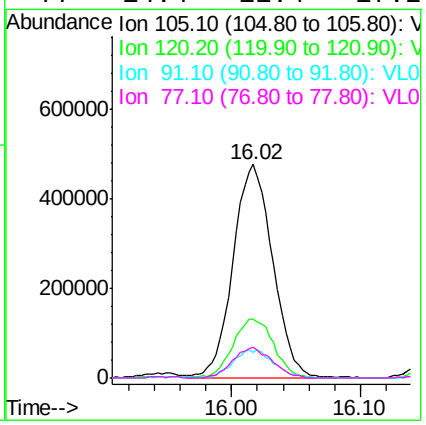


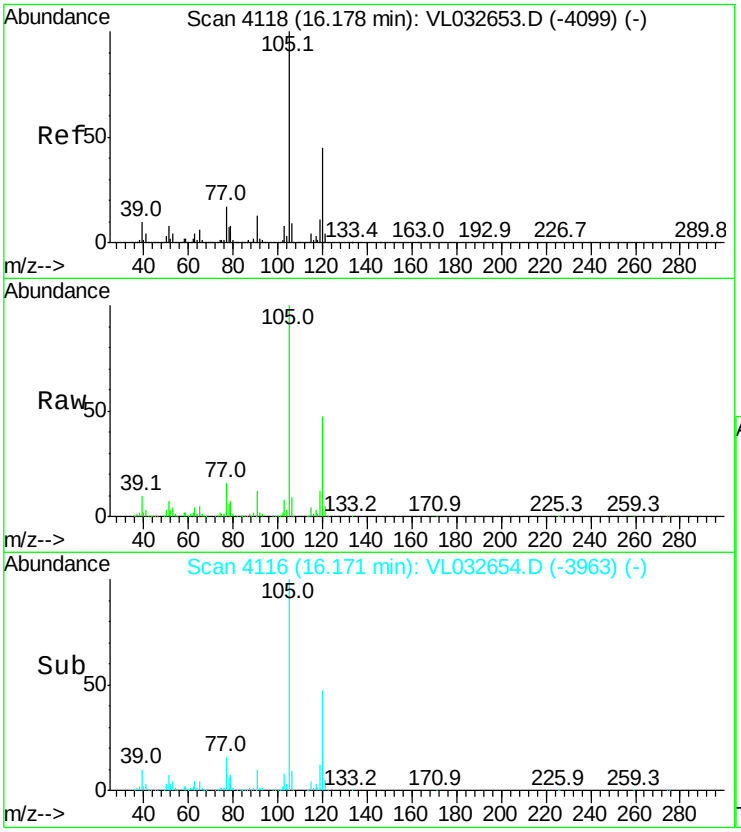


#72
4-Ethyltoluene
Concen: 2.194 ppbv
RT: 16.02 min Scan# 4068
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:105 Resp: 1012711

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.7	35.5
91	13.6	10.4	15.6
77	14.4	11.4	17.2



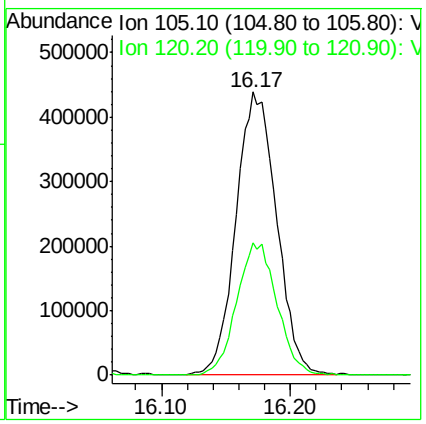


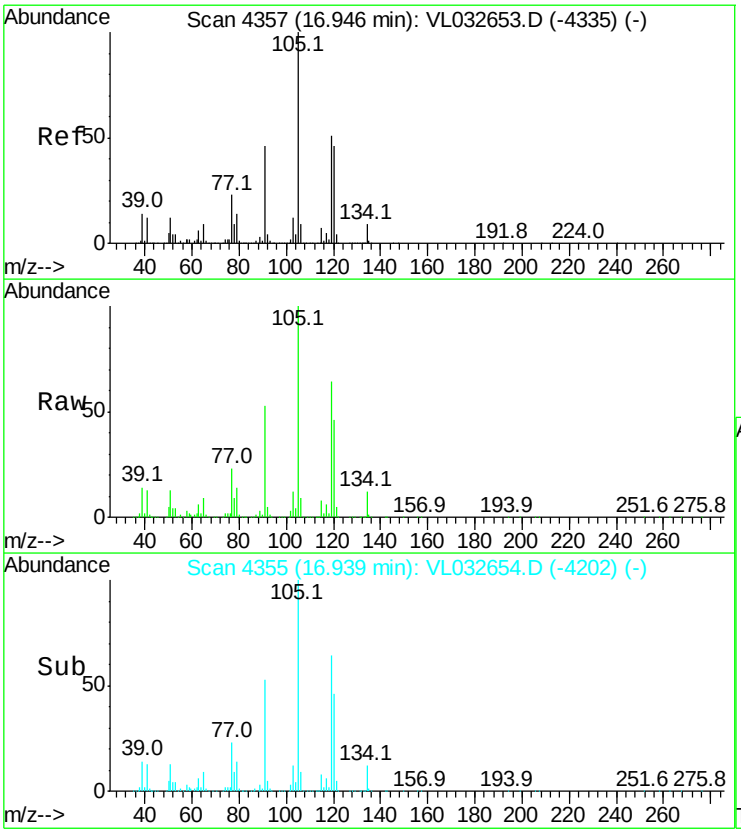
#73
1,3,5-Trimethylbenzene
Concen: 2.077 ppbv
RT: 16.17 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:105 Resp: 953592

Ion	Ratio	Lower	Upper
105	100		
120	46.7	35.4	53.2

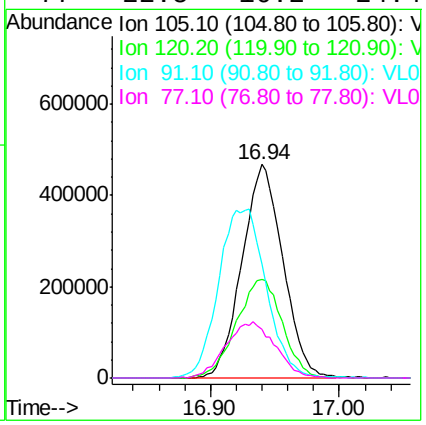


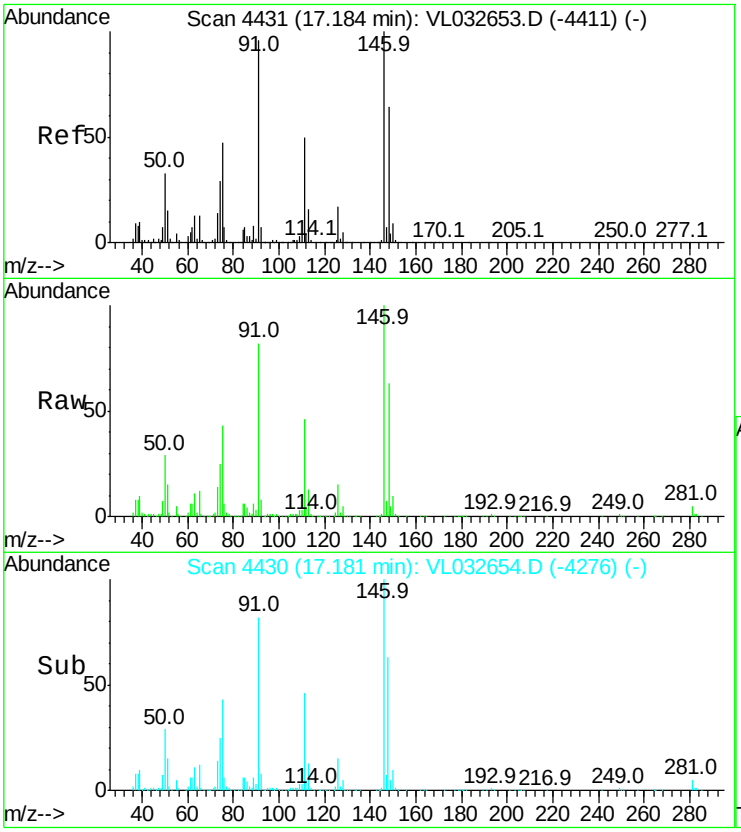


#74
1,2,4-Trimethylbenzene
Concen: 2.047 ppbv
RT: 16.94 min Scan# 4355
Delta R.T. -0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:105 Resp: 1034614

Ion	Ratio	Lower	Upper
105	100		
120	46.0	35.8	53.8
91	52.7	33.2	49.8#
77	22.5	16.2	24.4



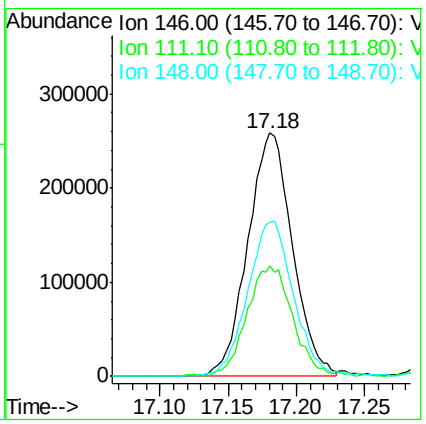


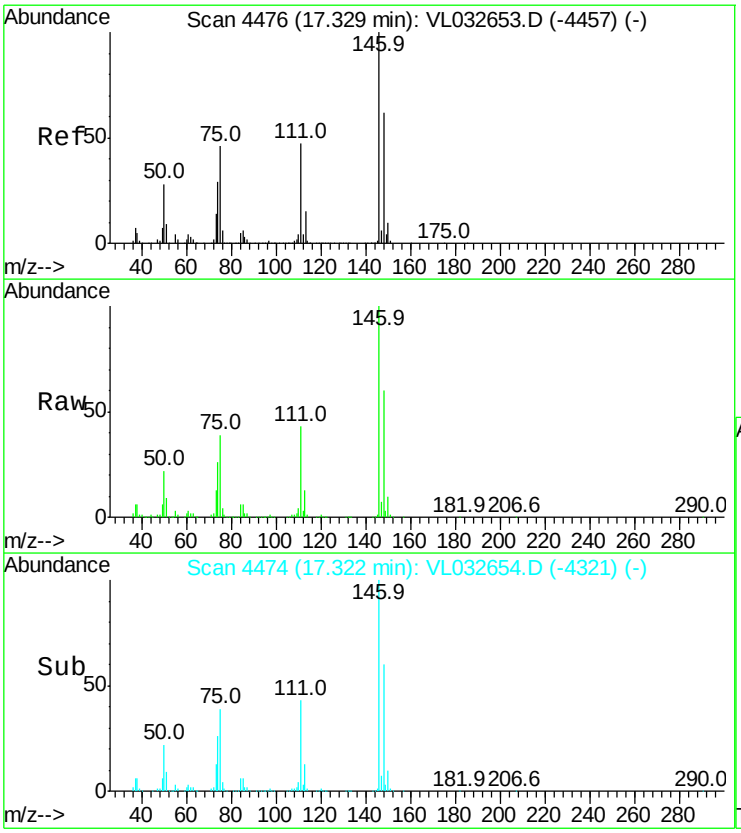
#75
1,3-Dichlorobenzene
Concen: 1.995 ppbv
RT: 17.18 min Scan# 4430
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 586162

Ion	Ratio	Lower	Upper
146	100		
111	47.3	24.4	73.2
148	66.0	31.9	95.9

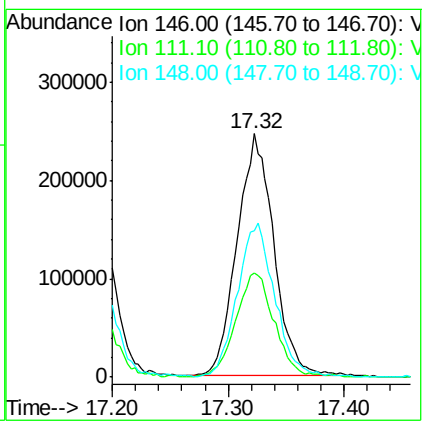


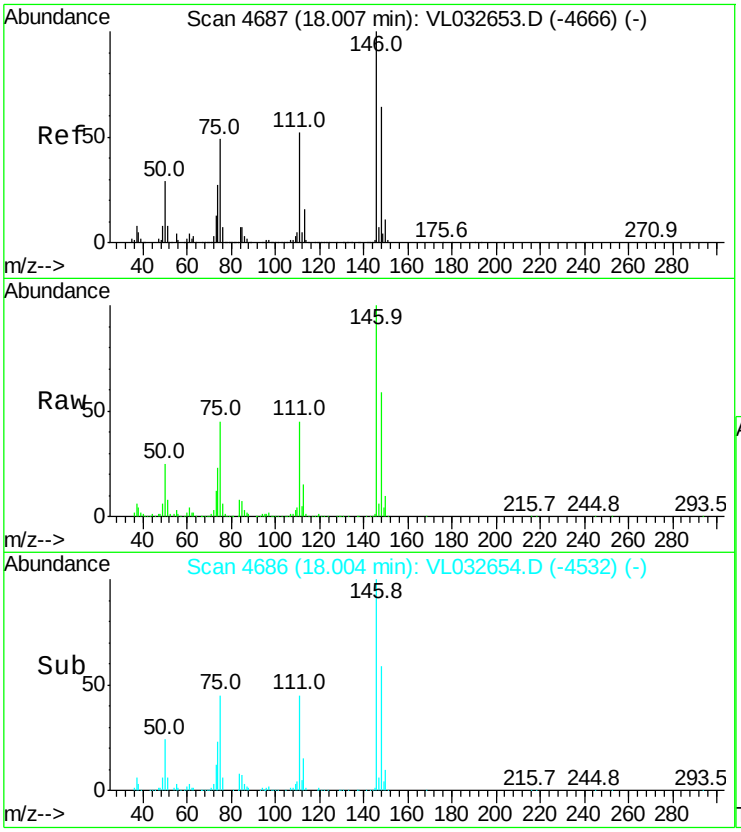


#76
1,4-Dichlorobenzene
Concen: 2.028 ppbv
RT: 17.32 min Scan# 4474
Delta R.T. -0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:146 Resp: 543071

Ion	Ratio	Lower	Upper
146	100		
111	45.5	23.7	71.1
148	65.1	32.1	96.3



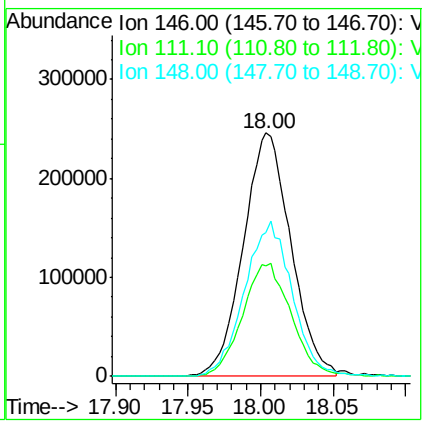


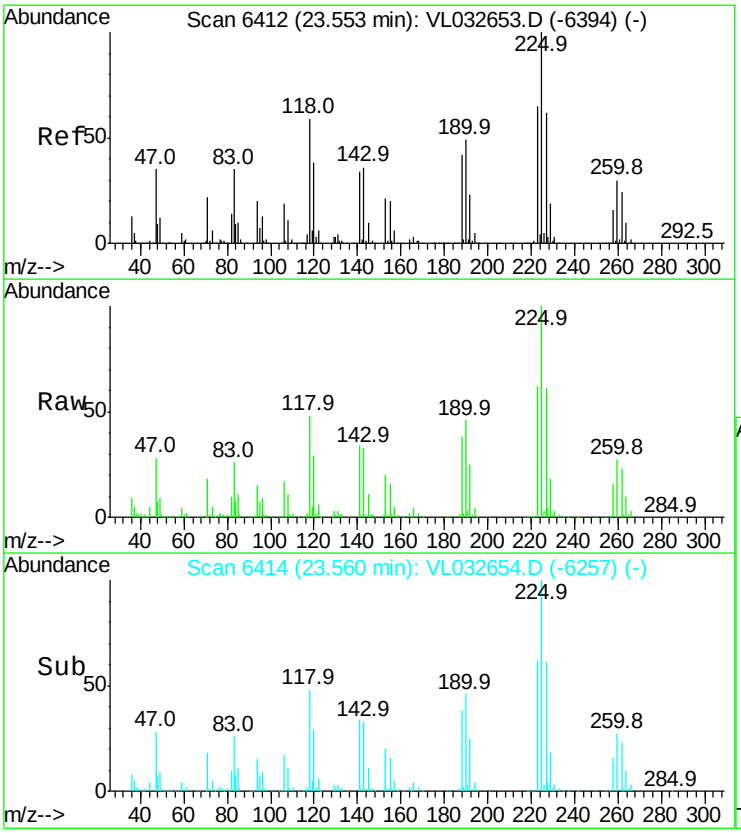
#77
1,2-Dichlorobenzene
Concen: 1.985 ppbv
RT: 18.00 min Scan# 4686
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 560733

Ion	Ratio	Lower	Upper
146	100		
111	47.7	25.3	75.8
148	64.0	31.9	95.9

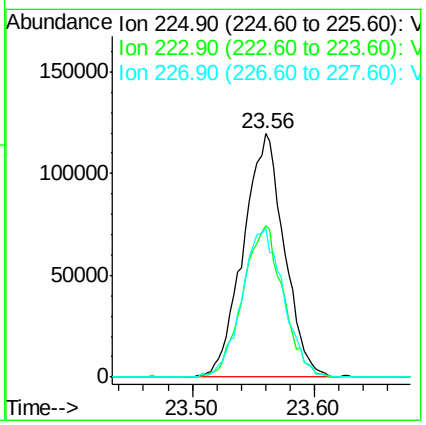


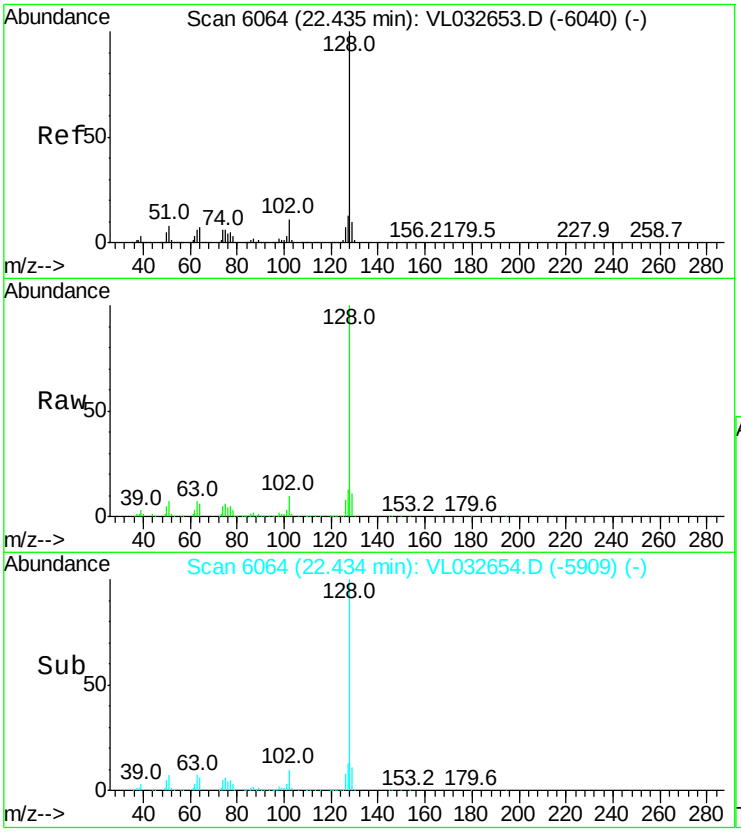


#78
Hexachloro-1,3-Butadiene
Concen: 1.759 ppbv
RT: 23.56 min Scan# 6414
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:225 Resp: 278117

Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.7	76.1
227	62.1	50.7	76.1



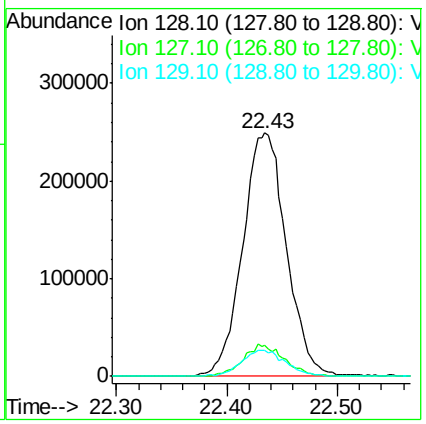


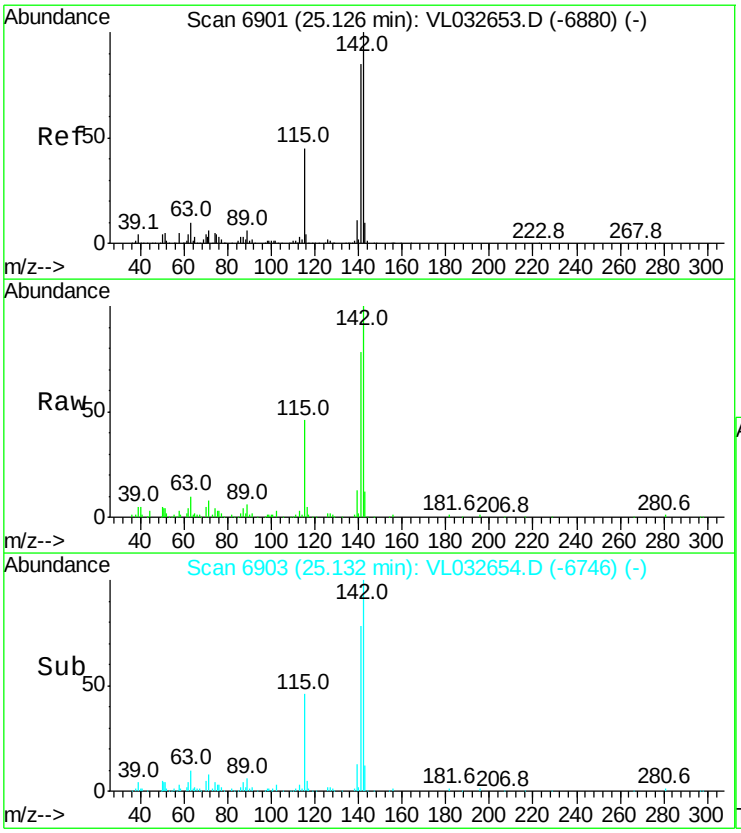
#79
Naphthalene
Concen: 1.984 ppbv
RT: 22.43 min Scan# 6064
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 682088

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	13.0

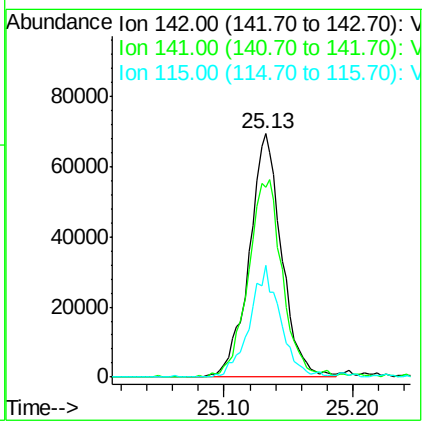


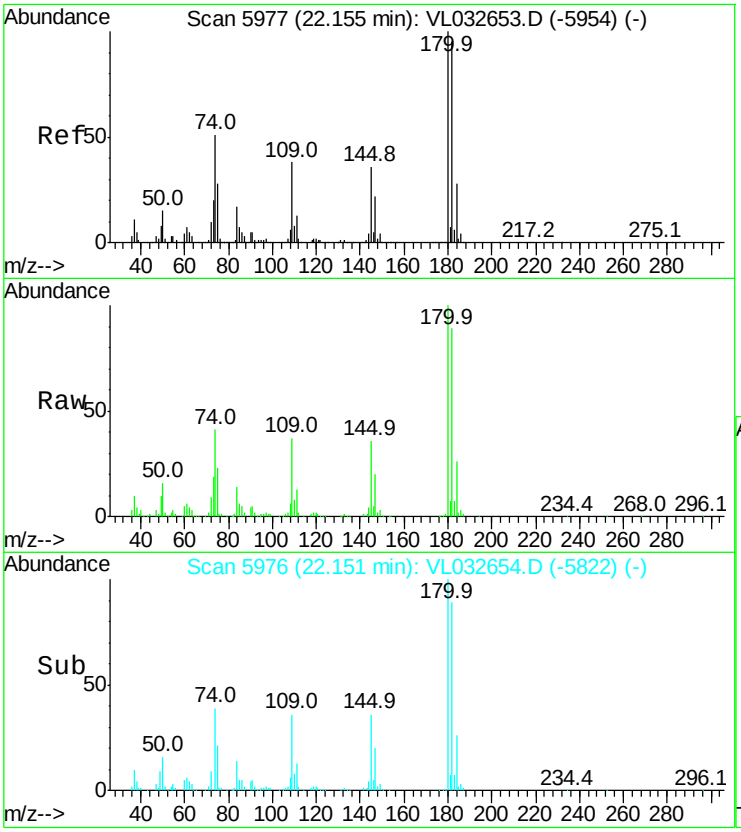


#80
Naphthalene,2-methyl-
Concen: 1.818 ppbv
RT: 25.13 min Scan# 6903
Delta R.T. 0.01 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Tgt Ion:142 Resp: 121359

Ion	Ratio	Lower	Upper
142	100		
141	85.9	67.5	101.3
115	44.3	33.5	50.3





#81
1,2,4-Trichlorobenzene
Concen: 1.202 ppbv
RT: 22.15 min Scan# 5976
Delta R.T. -0.00 min
Lab File: VL032654.D
Acq: 18 Oct 2018 16:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:180 Resp: 205113

Ion	Ratio	Lower	Upper
180	100		
182	159.5	76.5	114.7#
184	0.0	24.7	37.1#