Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034374.D
Acq On : 19 Nov 2019 9:49
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Nov 19 11:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1064840	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	2182058	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.14	117	2809358	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1911448	8.03	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	1858347	10.123	ppbv	97
3) Chlorodifluoromethane	2.96	51	1186579	9.507	ppbv	99
4) Chloromethane	3.11	50	692935	9.386	ppbv	97
5) Vinyl Chloride	3.23	62	653766	9.287	ppbv	95
6) Bromomethane	3.45	94	349899	10.151	ppbv	94
7) Chloroethane	3.54	64	240763	9.718	ppbv	99
8) Dichlorotetrafluoroethane	3.16	85	1529498	9.615	ppbv	98
9) Propene	2.98	41	526489	9.516	ppbv	99
10) Heptane	8.16	43	1397552	9.842	ppbv	99
11) Trichlorofluoromethane	3.94	101	1685520	9.671	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1120742	9.815	ppbv	100
13) Ethanol	3.59	45	124169	10.024	ppbv	92
14) Bromoethene	3.72	108	485145	10.791	ppbv	99
15) Acetone	3.83	43	1233448	8.098	ppbv	100
16) 1,3-Butadiene	3.30	39	621004	10.035	ppbv	99
17) tert-Butyl alcohol	4.29	59	1219970	12.550	ppbv	100
18) 1,1-Dichloroethene	4.28	96	506527	10.131	ppbv	94
19) Isopropyl Alcohol	3.95	45	978176	11.512	ppbv	99
20) Methylene Chloride	4.34	84	450618	8.184	ppbv	98
21) Allyl Chloride	4.41	41	865447	10.278	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	520309	10.434	ppbv	95
23) Vinyl Acetate	5.08	43	1862283	9.791	ppbv	98
24) 1,1-Dichloroethane	5.01	63	1371789	9.718	ppbv	99
25) Ethyl Acetate	5.69	43	2420183	9.412	ppbv	99
26) Hexane	5.70	57	1039382	9.483	ppbv	98
27) Carbon Disulfide	4.55	76	1330473	11.693	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1822945	10.990	ppbv	98
29) Chloroform	5.77	83	1717162	9.905	ppbv	100
30) Cyclohexane	7.16	84	855081	10.608	ppbv	93
31) cis-1,2-Dichloroethene	5.56	61	1150058	10.339	ppbv	99
32) 1,1,1-Trichloroethane	6.54	97	1722561	10.217	ppbv	99
34) 2-Butanone	5.25	43	1614392	9.051	ppbv	98
35) Carbon Tetrachloride	7.05	117	1780031	9.366	ppbv	99
36) Benzene	6.92	78	2018546	9.641	ppbv	97
37) 1,2-Dichloroethane	6.33	62	1477922	9.472	ppbv	100
38) Trichloroethene	7.87	130	414844	4.938	ppbv	96
39) 1,2-Dichloropropane	7.65	63	846618	9.391	ppbv	98
40) 1,4-Dioxane	7.86	88	326448	10.304	ppbv #	1
41) Tetrahydrofuran	6.06	42	931867	9.414	ppbv	95
42) Bromodichloromethane	7.83	83	1919079	10.042	ppbv	99
43) Methyl Methacrylate	8.05	69	857922	9.908	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

Quantitation Report (Not Reviewed)

Data File : VL034374.D
Acq On : 19 Nov 2019 9:49
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Quant Time: Nov 19 11:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.90	57	3558401	9.183	ppbv		99
45) t-1,3-Dichloropropene	9.32	75	1226245	11.623	ppbv		100
46) cis-1,3-Dichloropropene	8.74	75	1350935	11.146	ppbv		98
47) 1,1,2-Trichloroethane	9.52	97	867274	9.498	ppbv		97
48) Dibromochloromethane	10.36	129	1592475	10.631	ppbv		99
49) Bromoform	13.10	173	1446067	10.895	ppbv		99
50) 4-Methyl-2-Pentanone	8.78	43	2393452	9.374	ppbv		99
51) 2-Hexanone	10.18	43	2025042	9.675	ppbv		98
52) Tetrachloroethene	11.28	164	783775	9.551	ppbv		94
53) Toluene	9.85	91	2362570	10.225	ppbv		99
54) 1,2-Dibromoethane	10.66	107	1335949	9.871	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.19	131	1044182	8.065	ppbv		97
57) Chlorobenzene	12.20	112	1802786	7.692	ppbv		98
58) Ethyl Benzene	12.77	91	3248646	8.272	ppbv		99
59) m/p-Xylene	13.06	91	2905597	8.539	ppbv	#	43
60) o-Xylene	13.75	91	2687744	7.933	ppbv		99
61) Styrene	13.59	104	2040767	8.555	ppbv		99
62) Isopropylbenzene	14.73	105	3545761	7.928	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.74	83	1886379	6.928	ppbv		100
64) n-propylbenzene	15.63	120	927981	8.084	ppbv		98
65) tert-Butylbenzene	16.81	119	3128206	7.891	ppbv		100
66) Benzyl Chloride	17.06	91	1523315	9.729	ppbv		100
67) sec-Butylbenzene	17.36	105	4319791	7.743	ppbv		99
69) p-Isopropyltoluene	17.72	119	3619565	7.958	ppbv		99
70) n-Butylbenzene	18.62	91	3832024	7.744	ppbv		99
71) 2-Chlorotoluene	15.52	91	2808849	8.099	ppbv		100
72) 4-Ethyltoluene	15.90	105	3116971	8.184	ppbv		99
73) 1,3,5-Trimethylbenzene	16.06	105	3013369	7.985	ppbv		96
74) 1,2,4-Trimethylbenzene	16.83	105	3063462	7.784	ppbv	#	93
75) 1,3-Dichlorobenzene	17.07	146	1751571	7.413	ppbv		100
76) 1,4-Dichlorobenzene	17.21	146	1757986	7.617	ppbv		99
77) 1,2-Dichlorobenzene	17.89	146	1708186	7.374	ppbv		99
78) Hexachloro-1,3-Butadiene	23.45	225	1426326	7.444	ppbv		99
79) Naphthalene	22.29	128	2734147	9.511	ppbv		99
80) Naphthalene,2-methyl-	25.03	142	1521462	18.310	ppbv		95
81) 1,2,4-Trichlorobenzene	22.02	180	1640936	8.740	ppbv		99

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

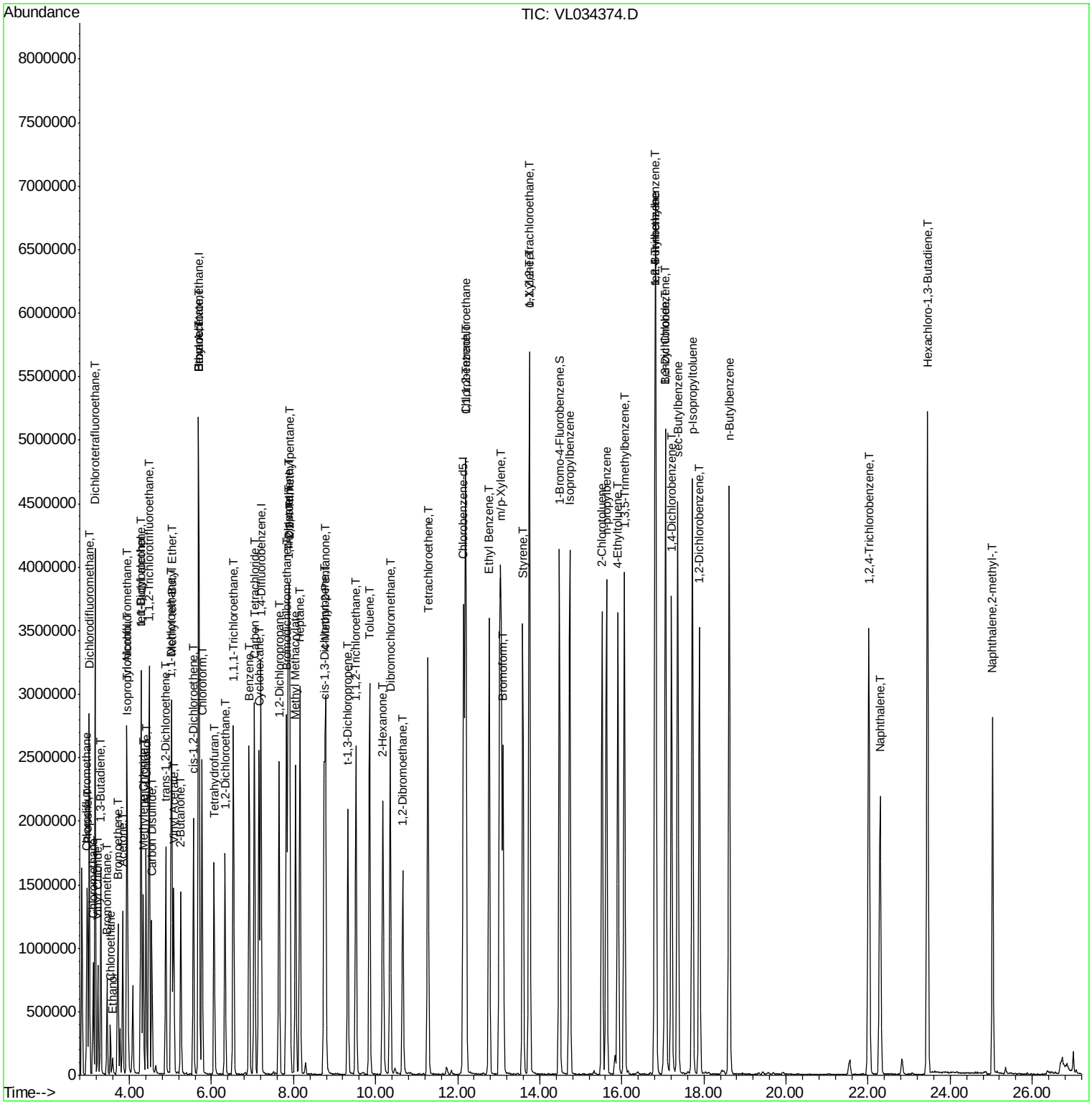
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111919\

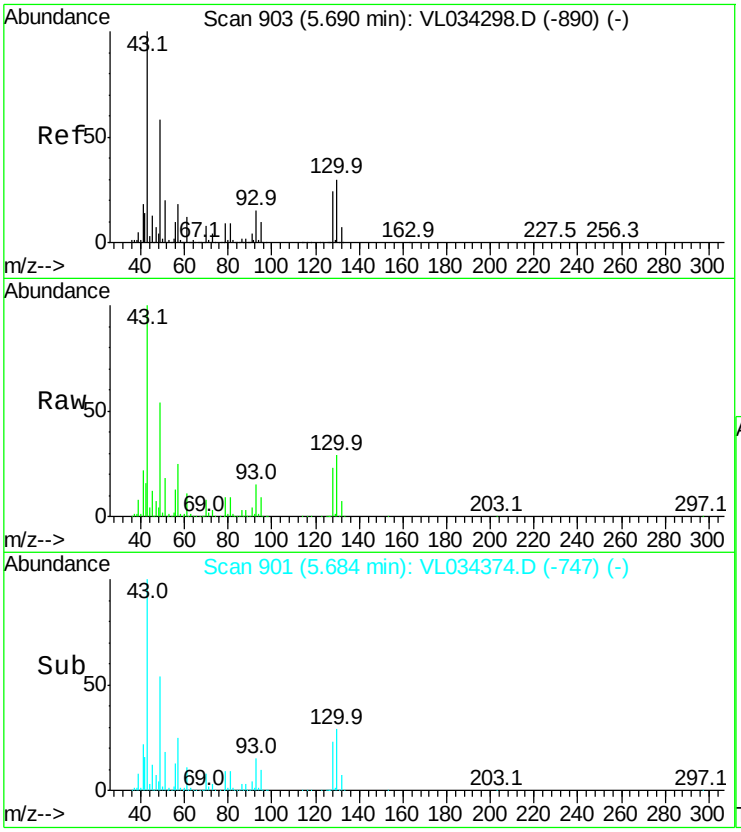
Quantitation Report (Not Reviewed)

Data File : VL034374.D
Acq On : 19 Nov 2019 9:49
Operator : SY/AP
Sample : VSTDICCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Quant Time: Nov 19 11:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 17 05:12:37 2019
QLast Update : Thu Oct 17 05:12:37 2019
Response via : Initial Calibration



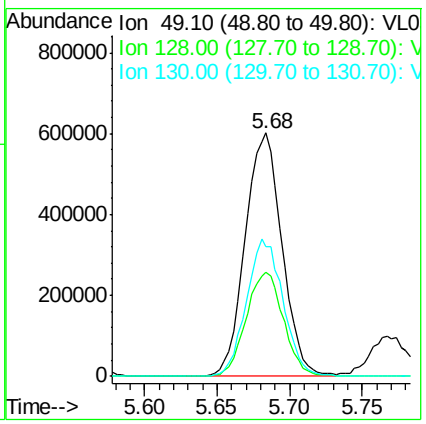


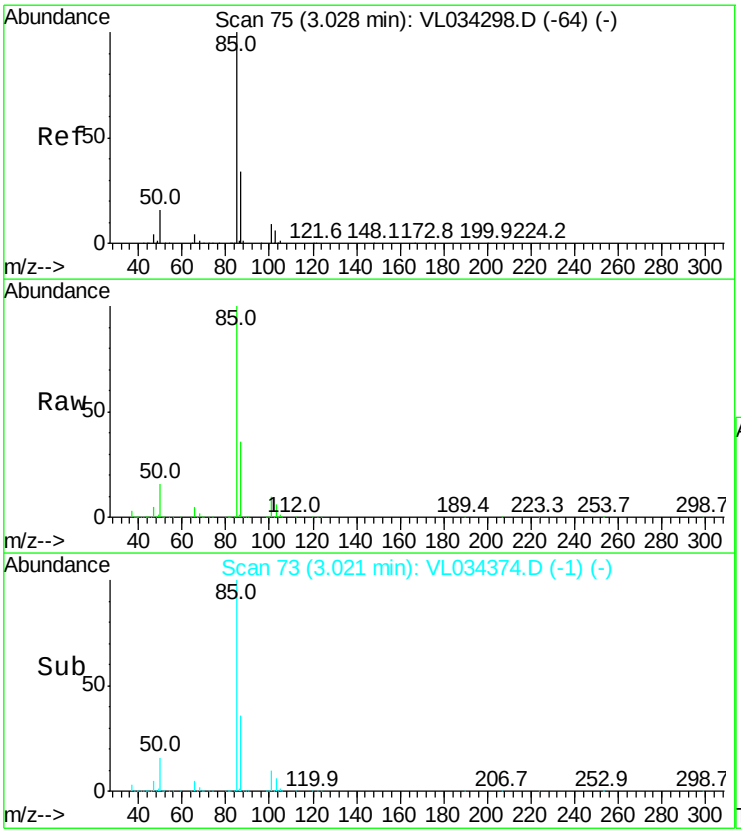
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.68 min Scan# 901
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 1064840

Ion	Ratio	Lower	Upper
49	100		
128	43.5	20.6	61.8
130	56.0	26.2	78.5

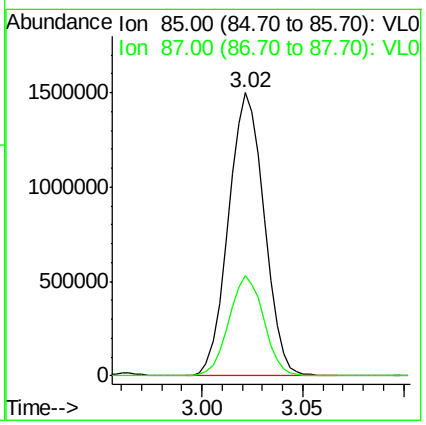


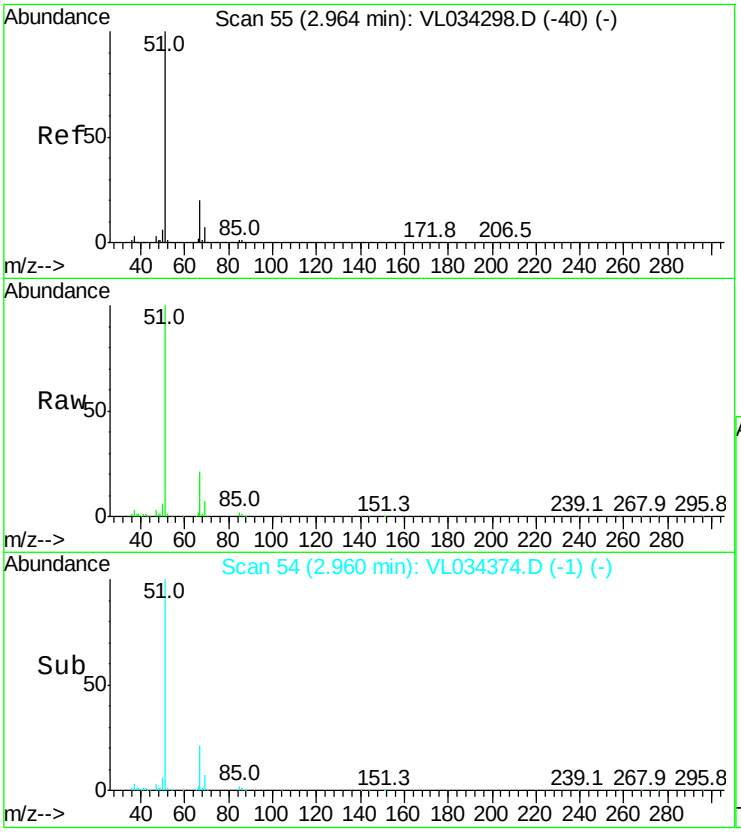


#2
Dichlorodifluoromethane
Concen: 10.123 ppbv
RT: 3.02 min Scan# 73
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 85 Resp: 1858347

Ion	Ratio	Lower	Upper
85	100		
87	35.6	27.0	40.6



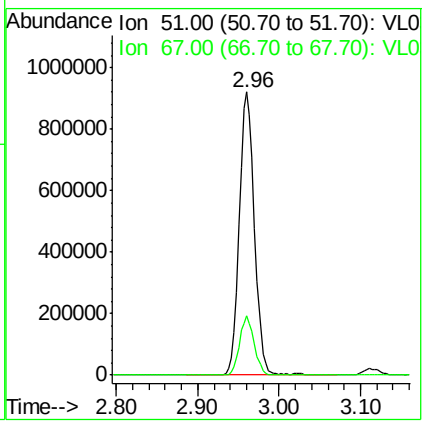


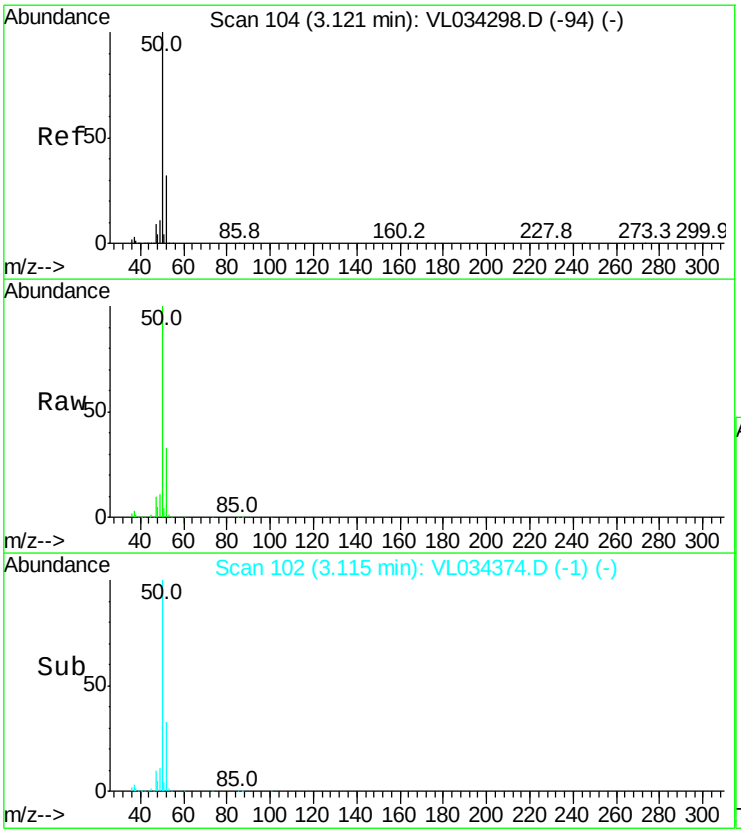
#3
Chlorodifluoromethane
Concen: 9.507 ppbv
RT: 2.96 min Scan# 54
Delta R.T. -0.00 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 1186579

Ion	Ratio	Lower	Upper
51	100		
67	20.2	15.8	23.8

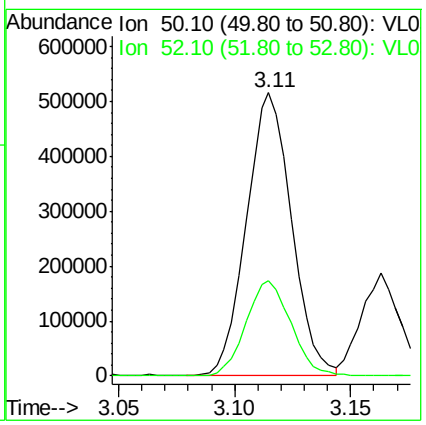


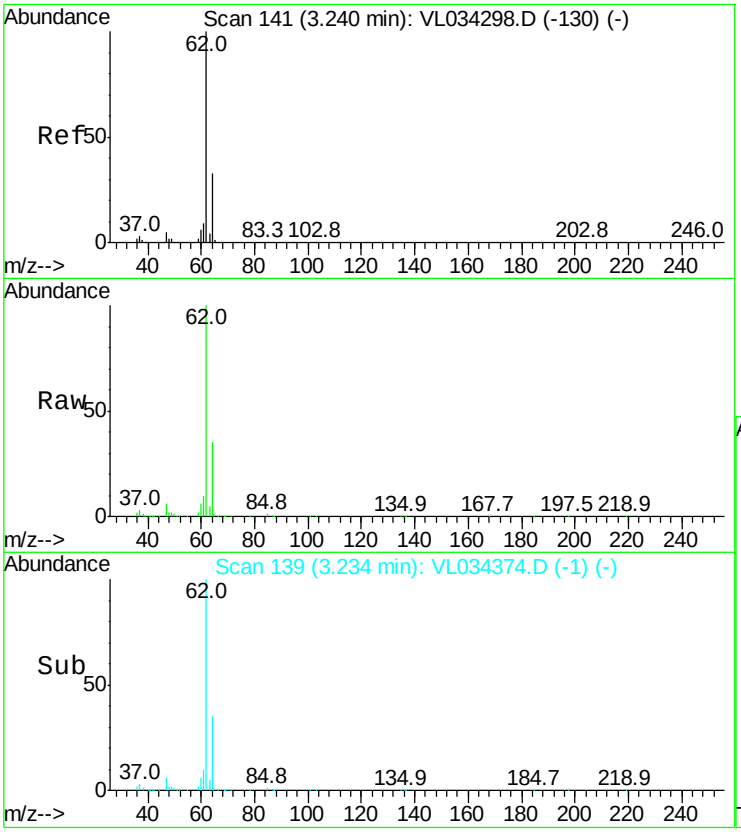


#4
Chloromethane
Concen: 9.386 ppbv
RT: 3.11 min Scan# 102
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 50 Resp: 692935

Ion	Ratio	Lower	Upper
50	100		
52	33.5	25.4	38.2



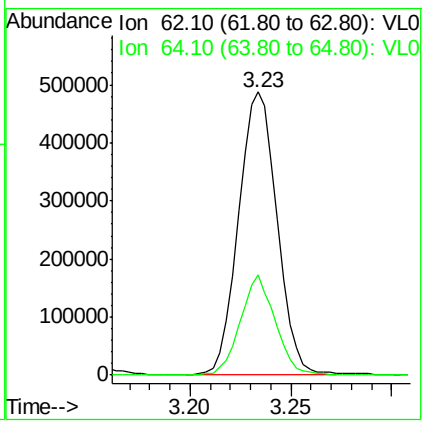


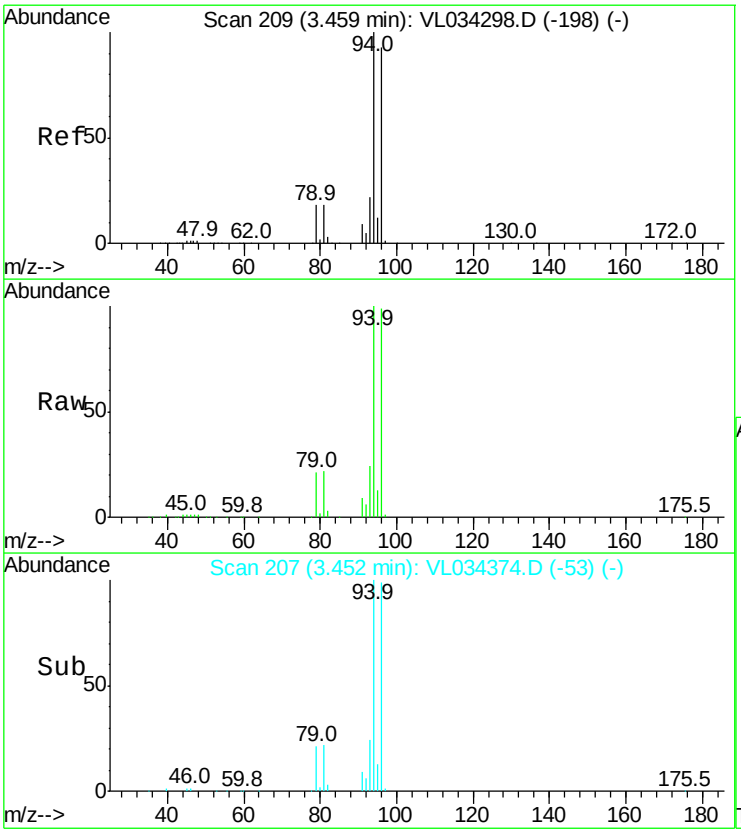
#5
Vinyl Chloride
Concen: 9.287 ppbv
RT: 3.23 min Scan# 139
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 653766

Ion	Ratio	Lower	Upper
62	100		
64	35.5	26.0	39.0

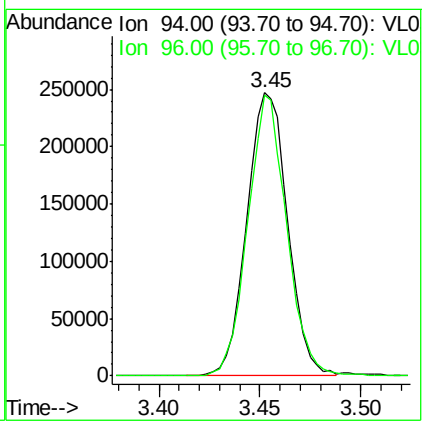


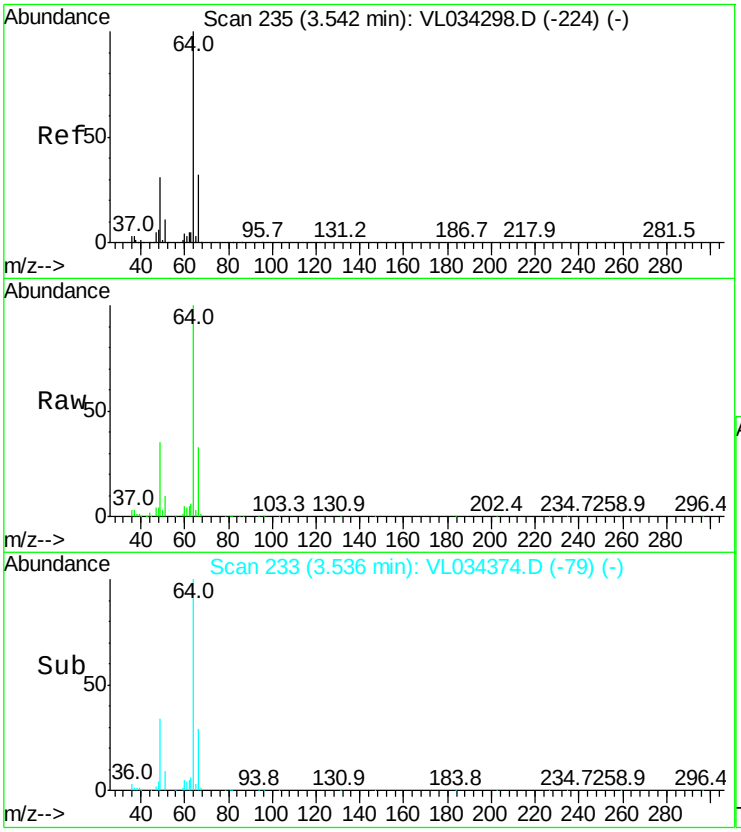


#6
Bromomethane
Concen: 10.151 ppbv
RT: 3.45 min Scan# 207
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 94 Resp: 349899

Ion	Ratio	Lower	Upper
94	100		
96	99.4	74.6	112.0



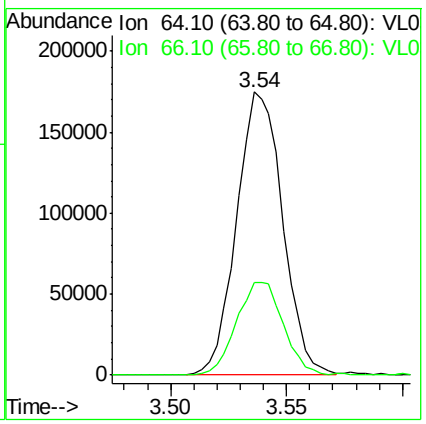


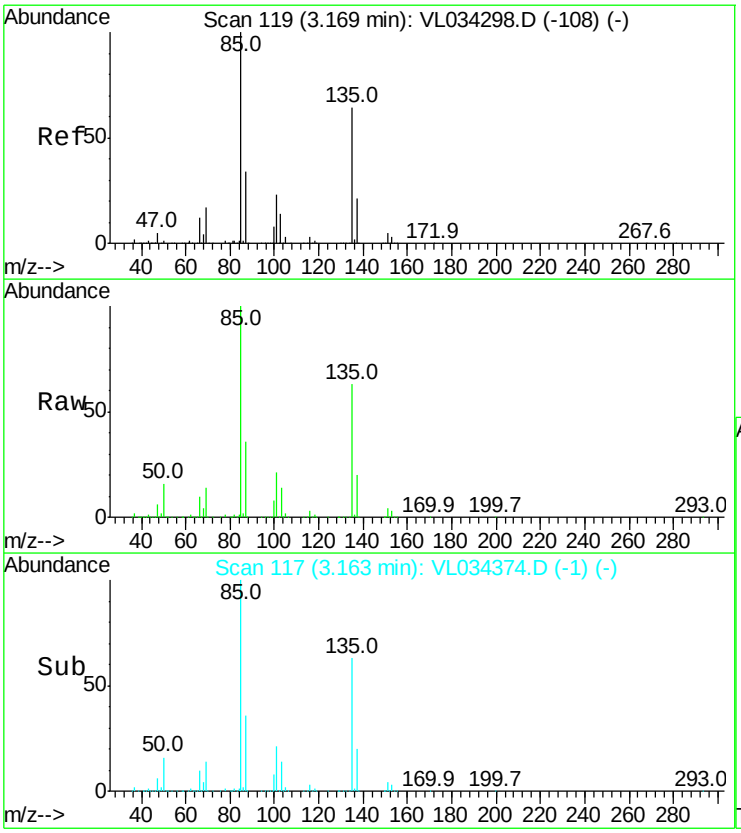
#7
Chloroethane
Concen: 9.718 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 240763

Ion	Ratio	Lower	Upper
64	100		
66	32.5	25.4	38.0

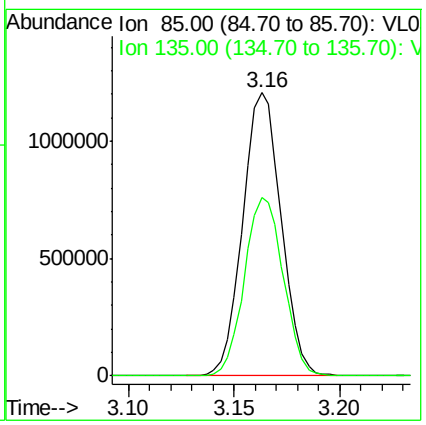


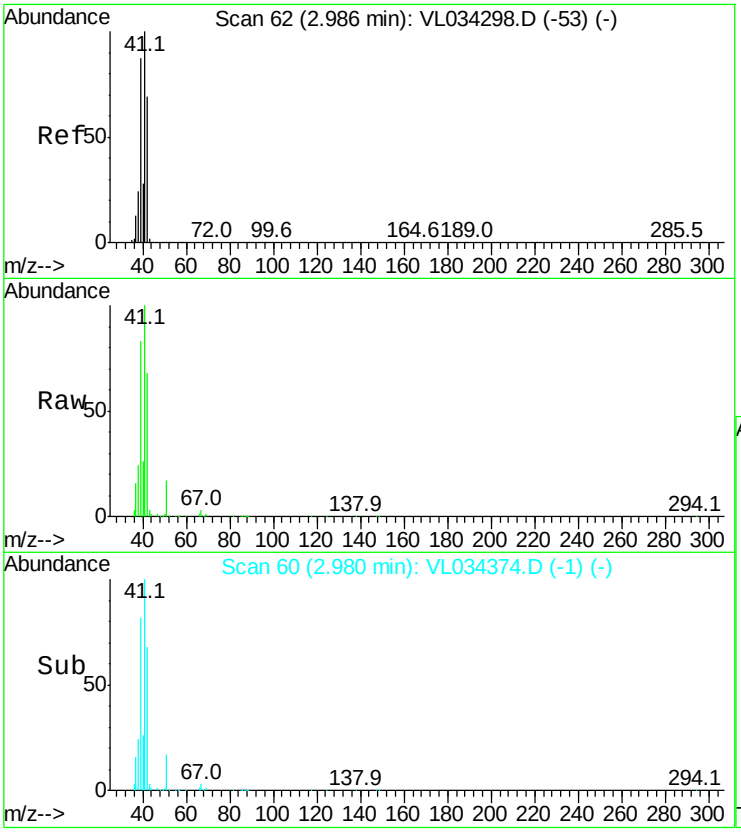


#8
Dichlorotetrafluoroethane
Concen: 9.615 ppbv
RT: 3.16 min Scan# 117
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 85 Resp: 1529498

Ion	Ratio	Lower	Upper
85	100		
135	63.9	50.2	75.2



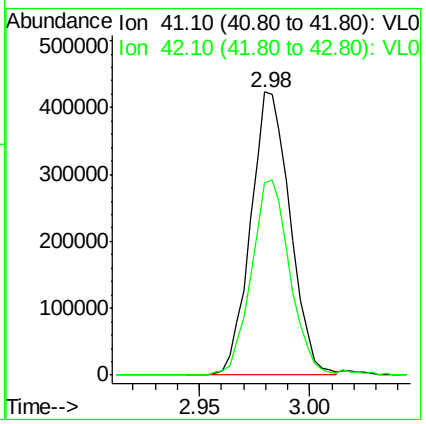


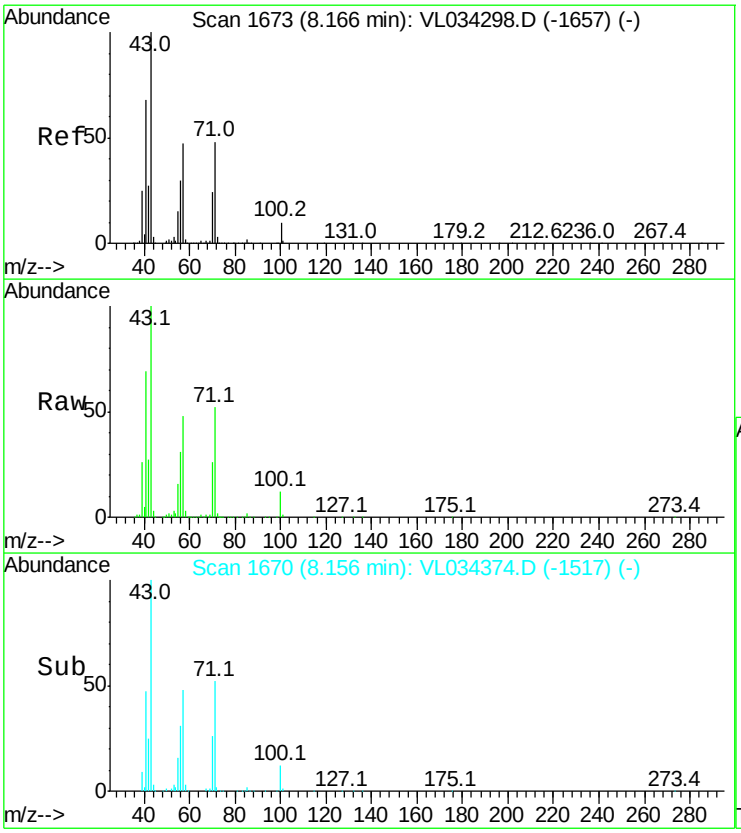
#9
Propene
Concen: 9.516 ppbv
RT: 2.98 min Scan# 60
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 526489

Ion	Ratio	Lower	Upper
41	100		
42	68.3	53.9	80.9

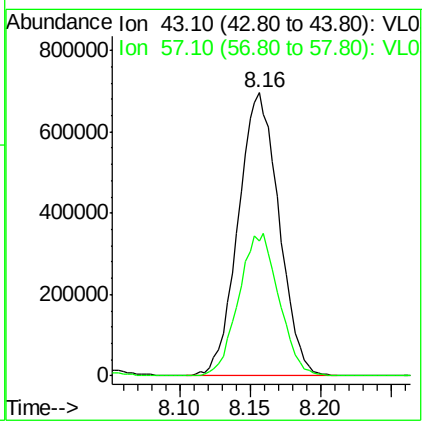


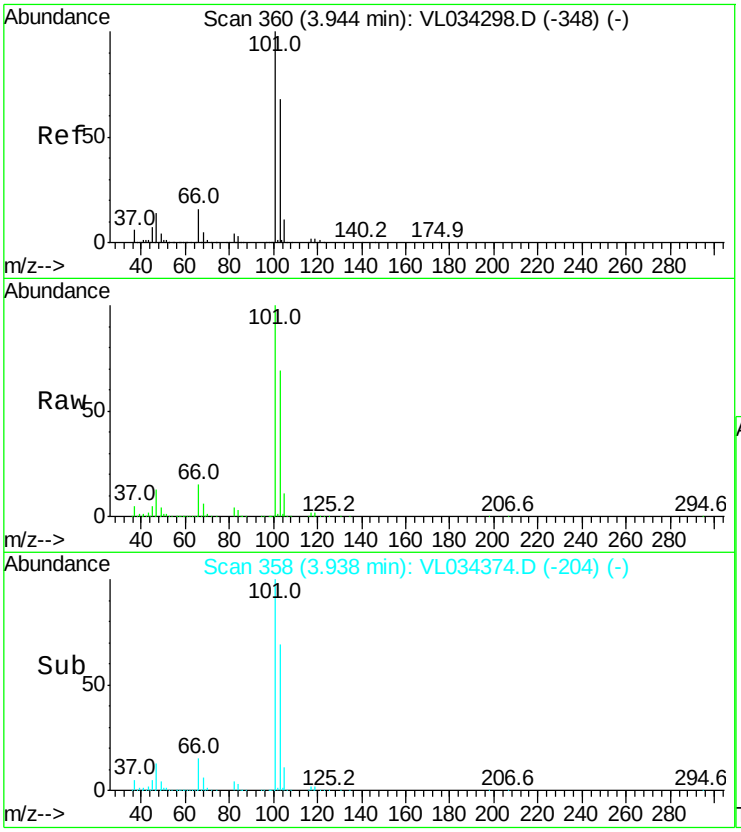


#10
Heptane
Concen: 9.842 ppbv
RT: 8.16 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 43 Resp: 1397552

Ion	Ratio	Lower	Upper
43	100		
57	50.2	39.5	59.3



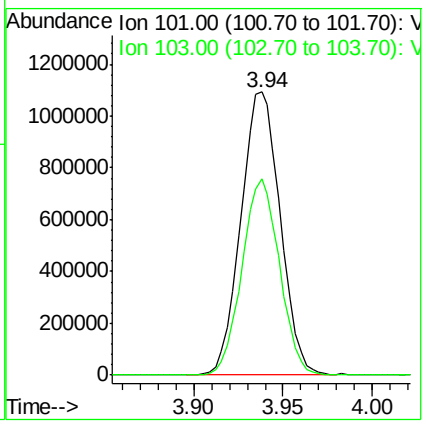


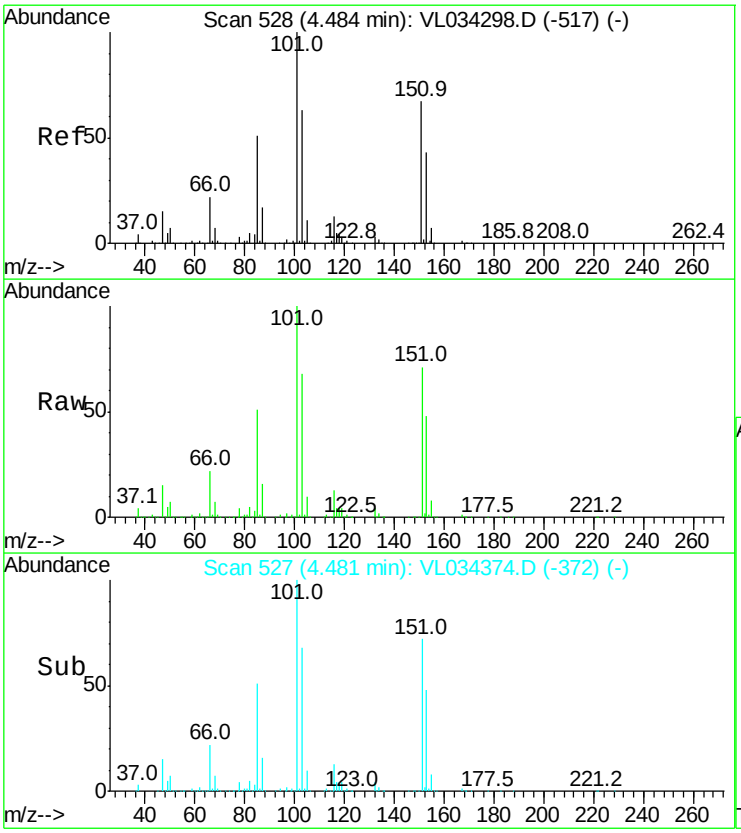
#11
Trichlorofluoromethane
Concen: 9.671 ppbv
RT: 3.94 min Scan# 358
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:101 Resp: 1685520

Ion	Ratio	Lower	Upper
101	100		
103	69.2	54.5	81.7

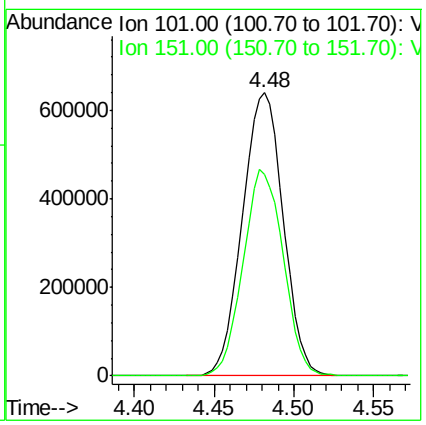


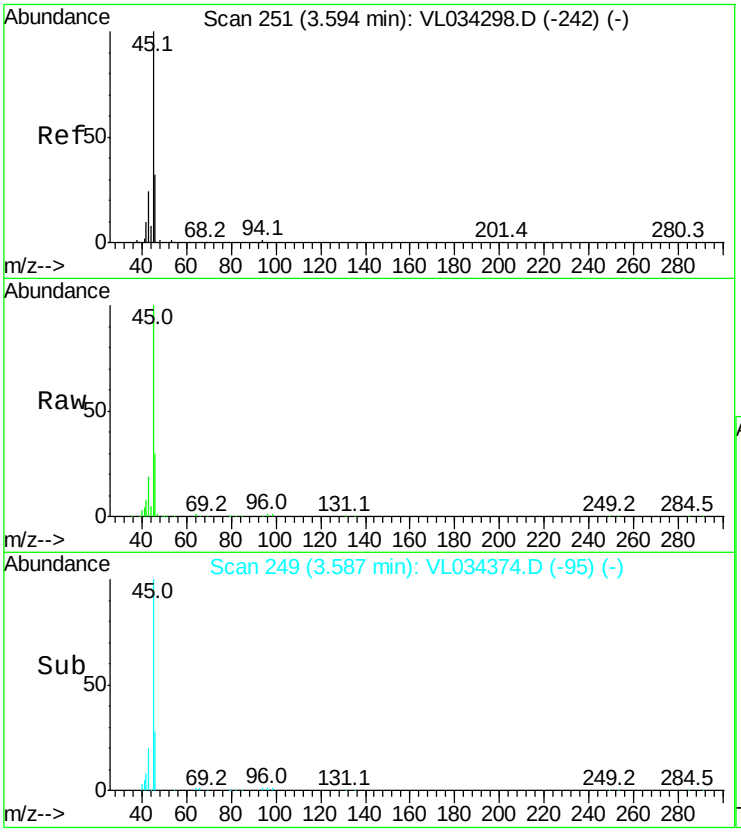


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.815 ppbv
RT: 4.48 min Scan# 527
Delta R.T. -0.00 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:101 Resp: 1120742

Ion	Ratio	Lower	Upper
101	100		
151	71.8	57.4	86.2



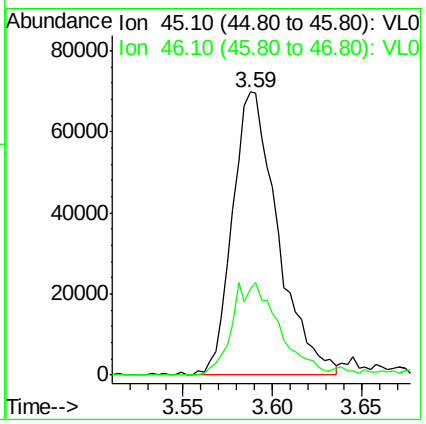


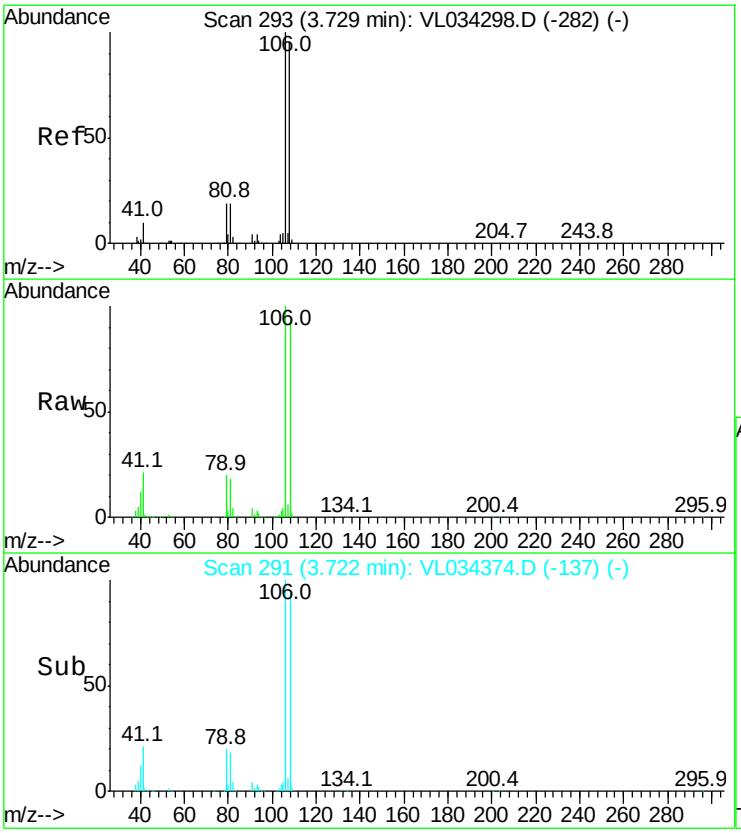
#13
Ethanol
Concen: 10.024 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 124169

Ion	Ratio	Lower	Upper
45	100		
46	34.6	15.8	63.2

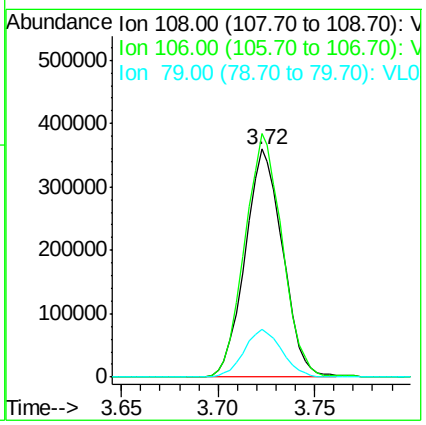


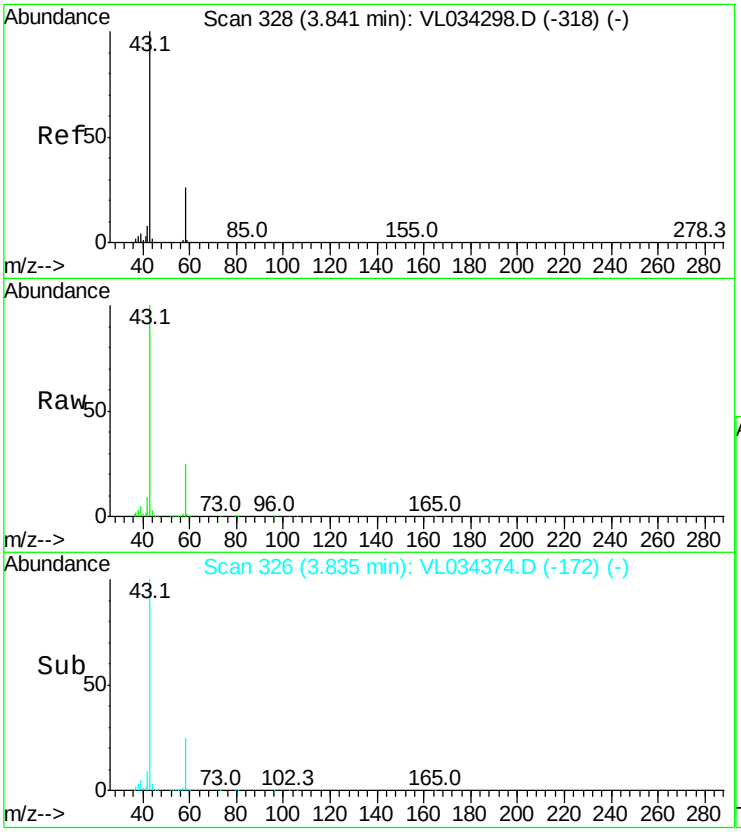


#14
Bromoethene
Concen: 10.791 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:108 Resp: 485145

Ion	Ratio	Lower	Upper
108	100		
106	107.1	84.8	127.2
79	21.5	17.0	25.4



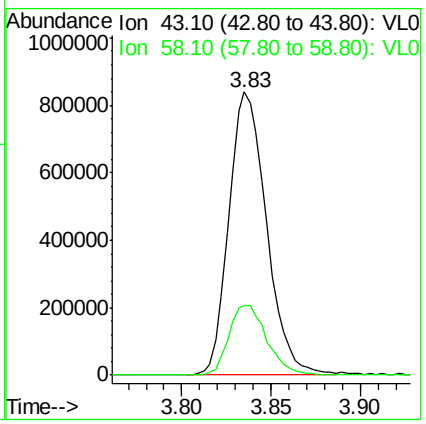


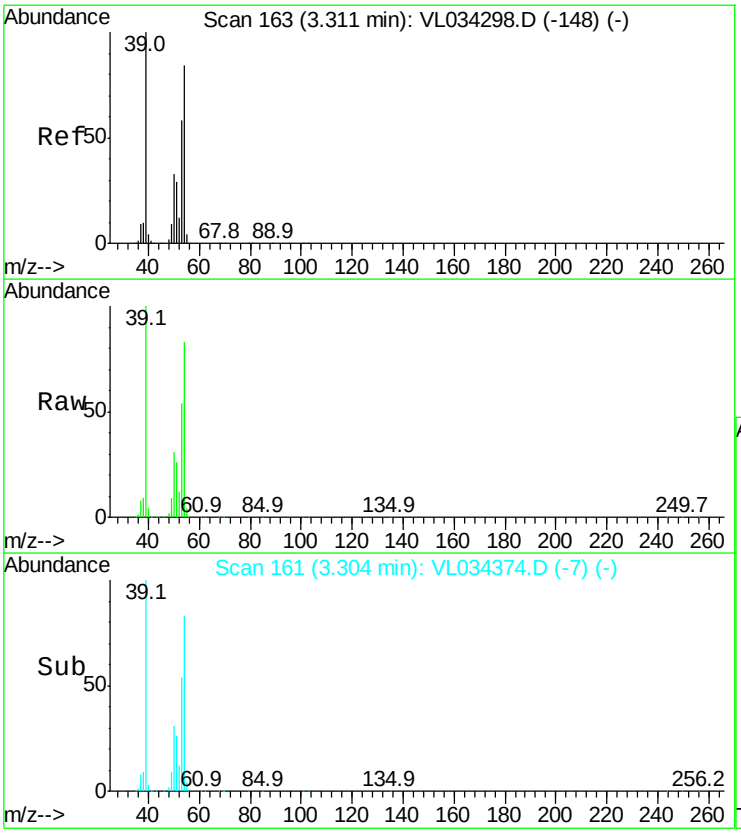
#15
Acetone
Concen: 8.098 ppbv
RT: 3.83 min Scan# 326
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1233448

Ion	Ratio	Lower	Upper
43	100		
58	25.3	20.4	30.6

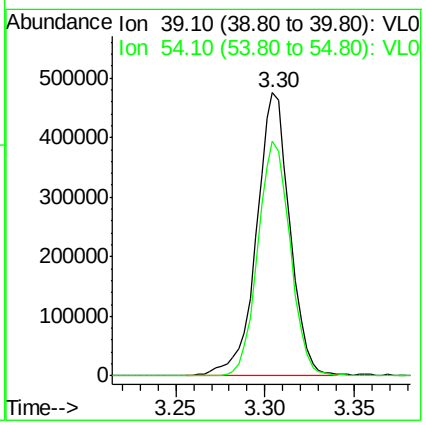


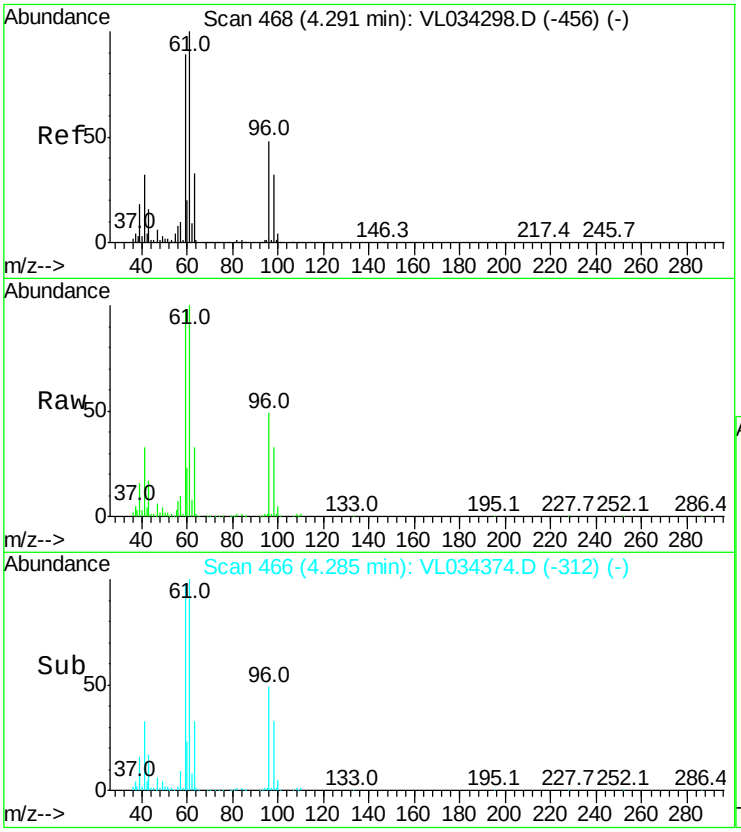


#16
1,3-Butadiene
Concen: 10.035 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 39 Resp: 621004

Ion	Ratio	Lower	Upper
39	100		
54	80.9	63.9	95.9



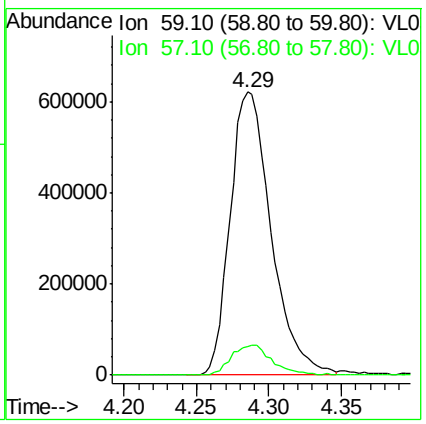


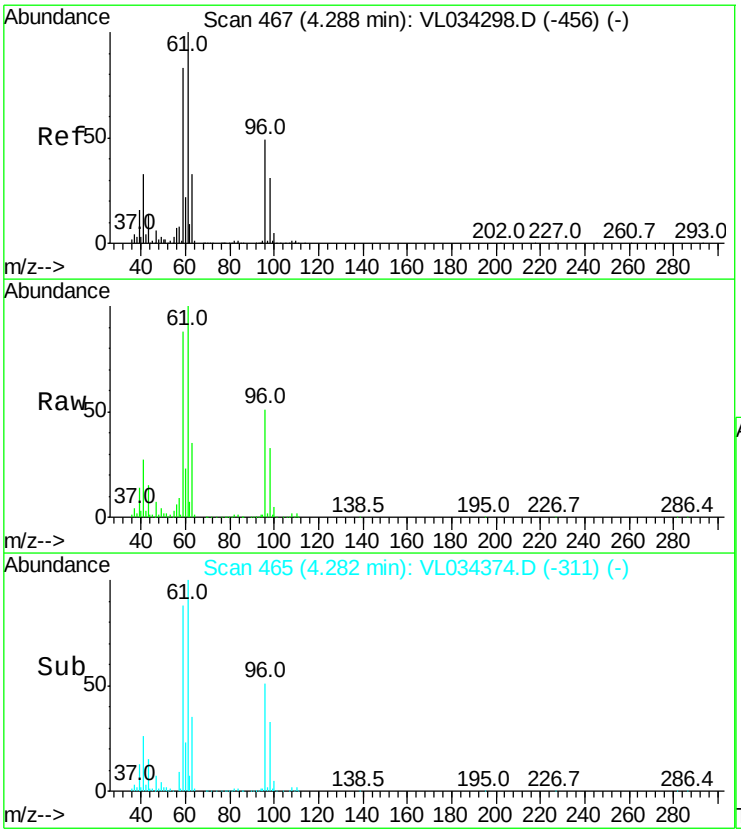
#17
tert-Butyl alcohol
Concen: 12.550 ppbv
RT: 4.29 min Scan# 466
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 59 Resp: 1219970

Ion	Ratio	Lower	Upper
59	100		
57	11.0	8.8	13.2

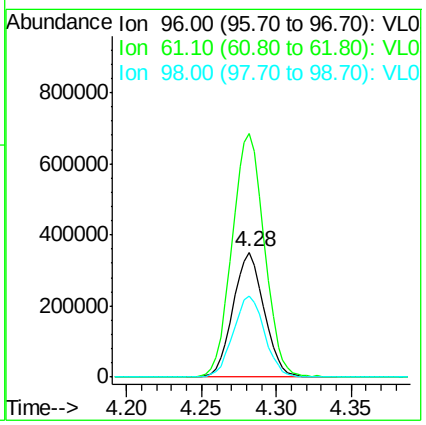


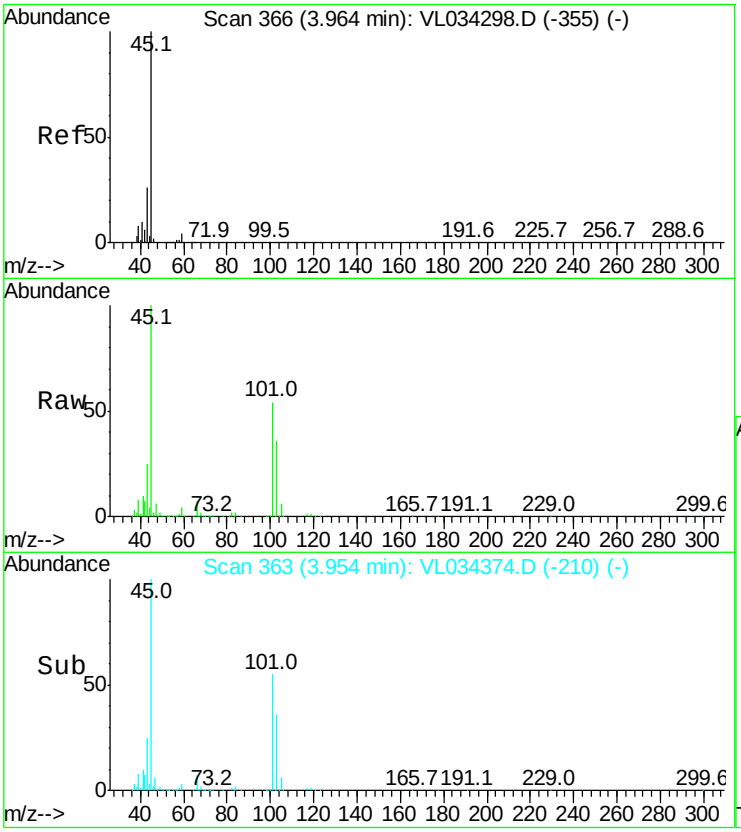


#18
1,1-Dichloroethene
Concen: 10.131 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 96 Resp: 506527

Ion	Ratio	Lower	Upper
96	100		
61	194.5	164.5	246.7
98	64.5	51.7	77.5



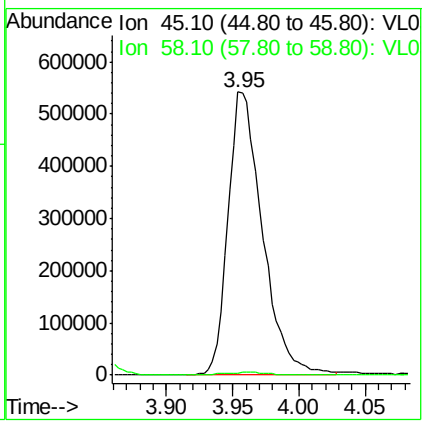


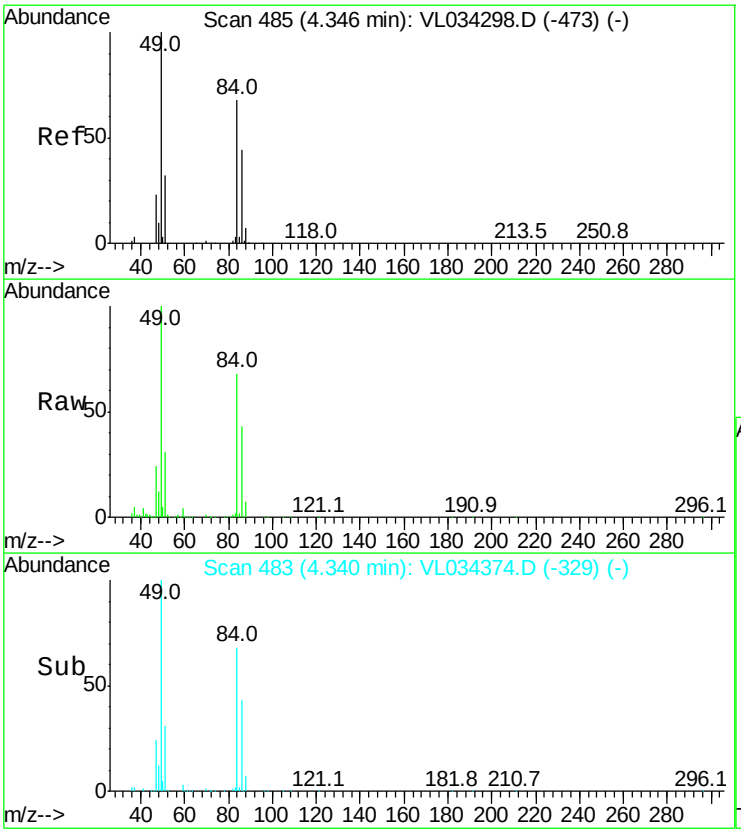
#19
Isopropyl Alcohol
Concen: 11.512 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 45 Resp: 978176

Ion	Ratio	Lower	Upper
45	100		
58	1.6	1.4	2.2

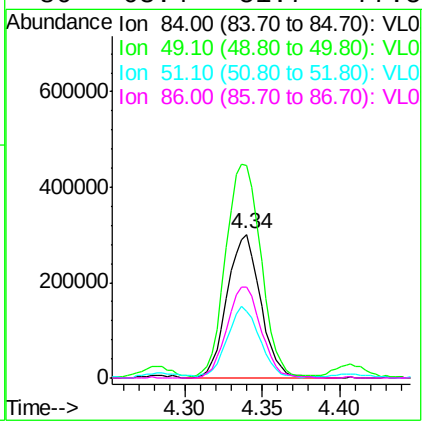


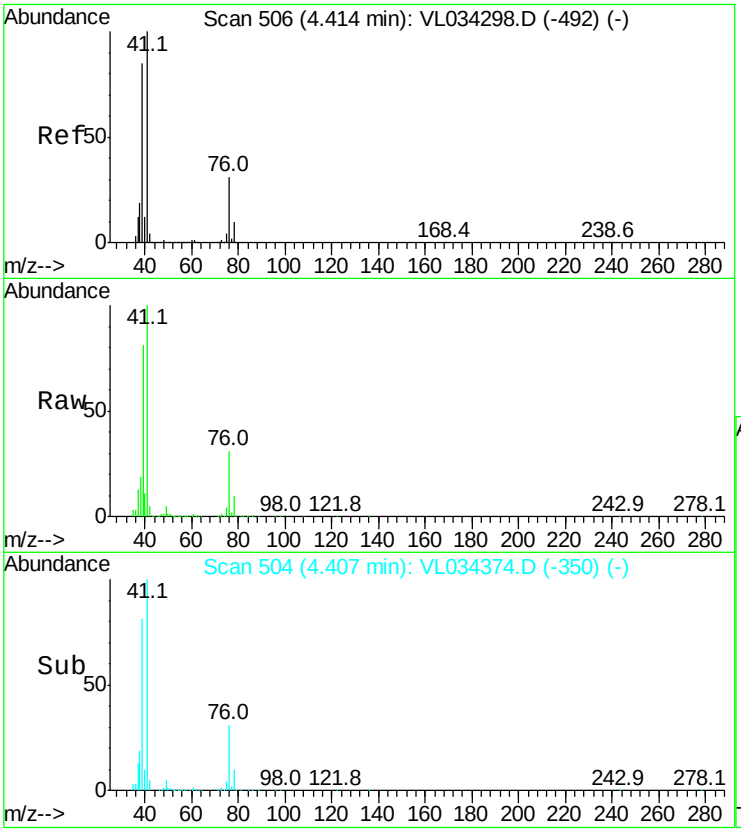


#20
Methylene Chloride
Concen: 8.184 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 84 Resp: 450618

Ion	Ratio	Lower	Upper
84	100		
49	146.0	118.5	177.7
51	44.5	38.8	58.2
86	63.4	51.7	77.5



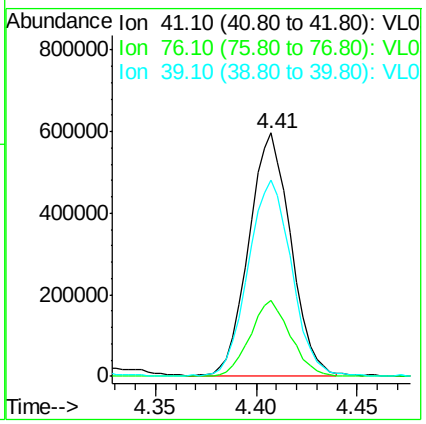


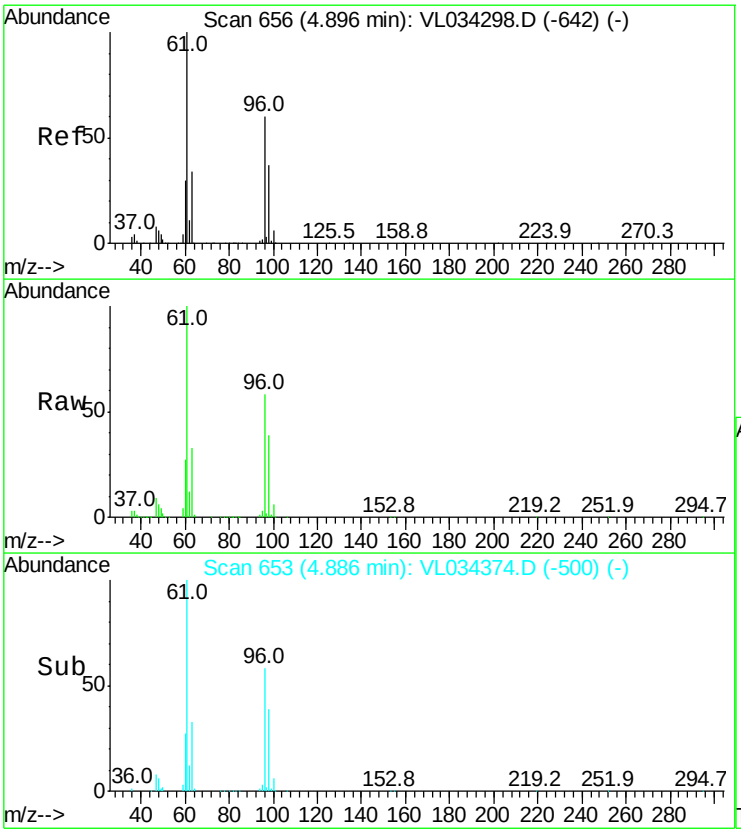
#21
Allyl Chloride
Concen: 10.278 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 865447

Ion	Ratio	Lower	Upper
41	100		
76	30.2	22.8	34.2
39	83.6	66.0	99.0

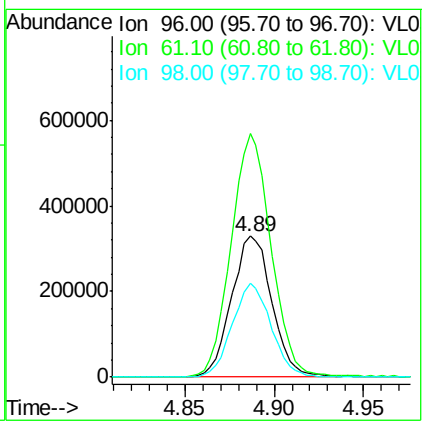


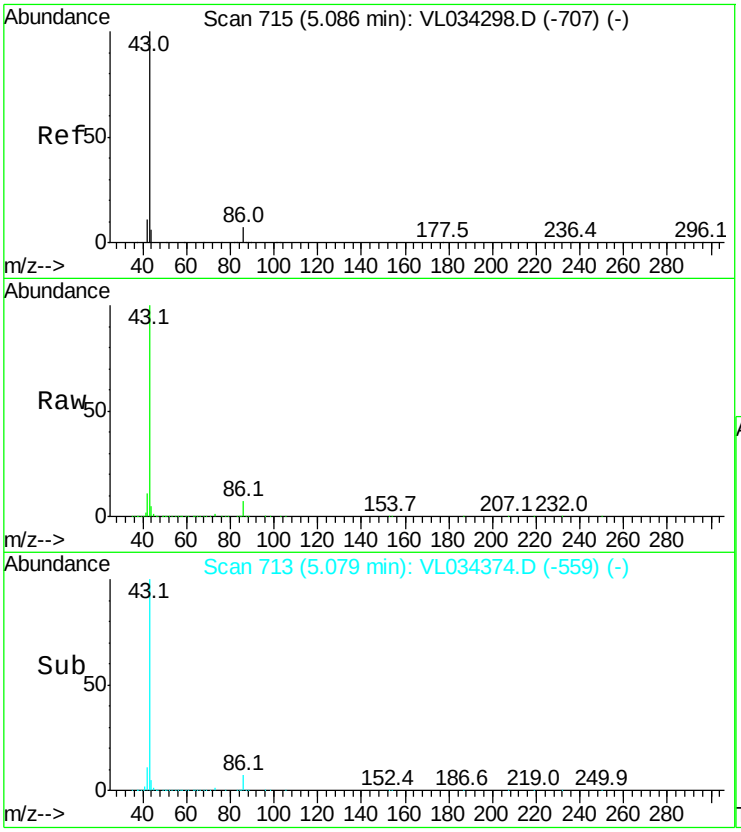


#22
trans-1,2-Dichloroethene
Concen: 10.434 ppbv
RT: 4.89 min Scan# 653
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 96 Resp: 520309

Ion	Ratio	Lower	Upper
96	100		
61	172.4	133.8	200.6
98	66.9	49.4	74.0



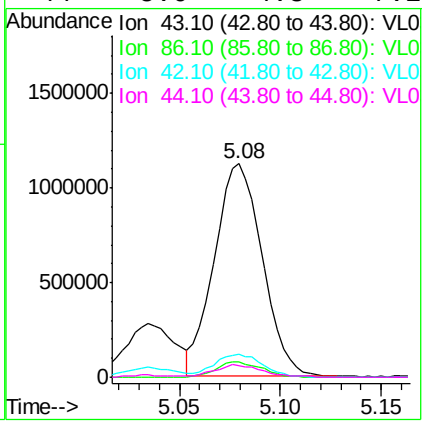


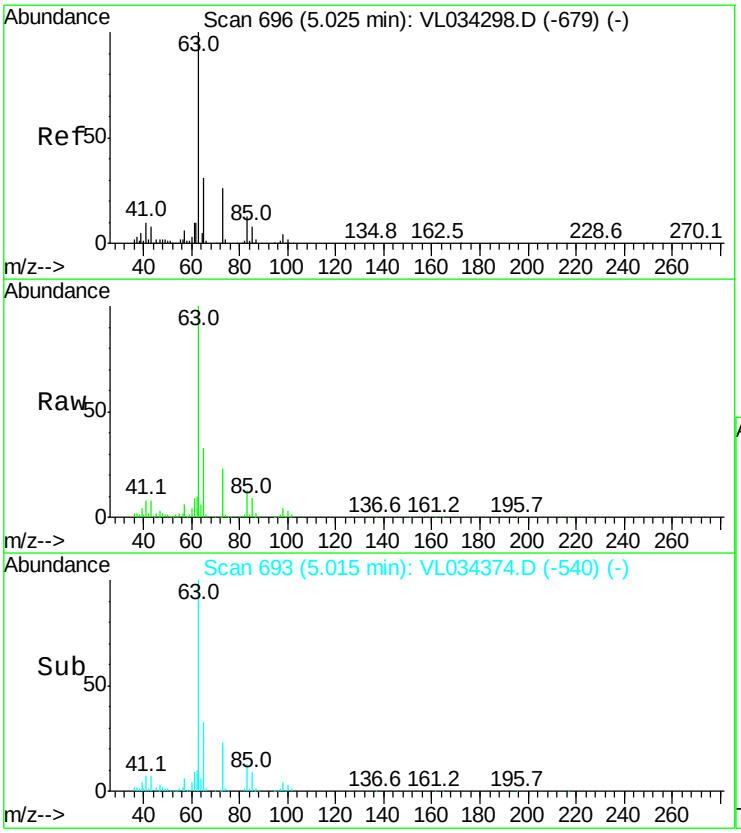
#23
Vinyl Acetate
Concen: 9.791 ppbv
RT: 5.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 1862283

Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.0	7.4
42	11.1	8.6	13.0
44	5.0	4.8	7.2

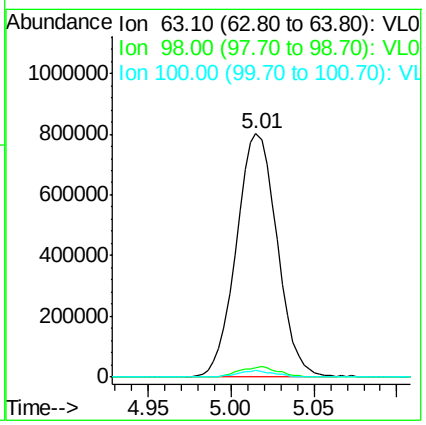


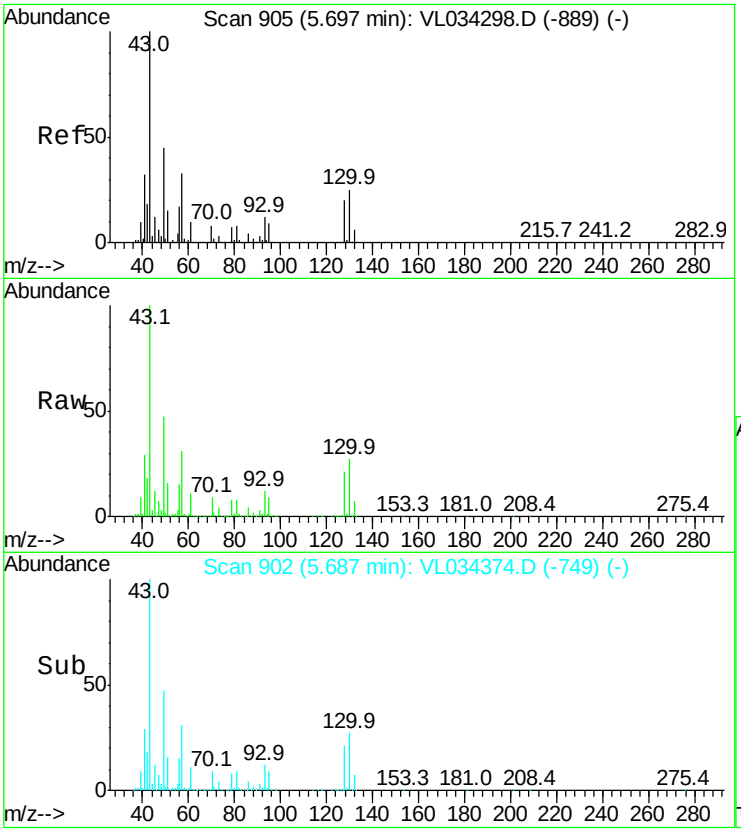


#24
1,1-Dichloroethane
Concen: 9.718 ppbv
RT: 5.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 63 Resp: 1371789

Ion	Ratio	Lower	Upper
63	100		
98	3.8	2.0	6.0
100	2.7	1.1	3.5



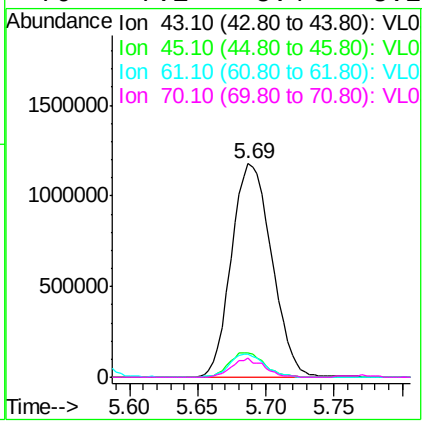


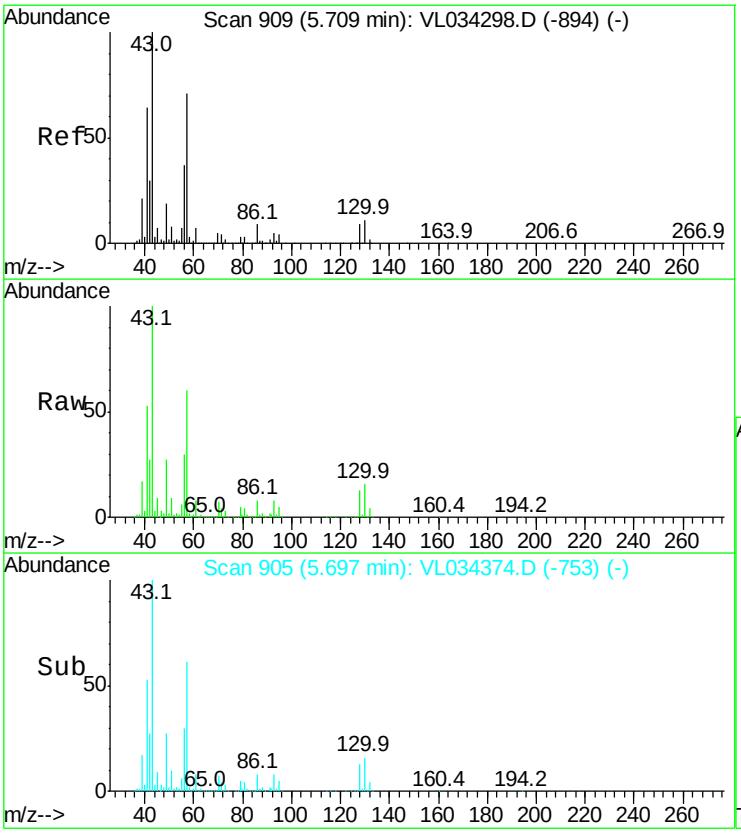
#25
Ethyl Acetate
Concen: 9.412 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2420183

Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.3	12.5
61	9.4	7.7	11.5
70	7.1	5.4	8.2

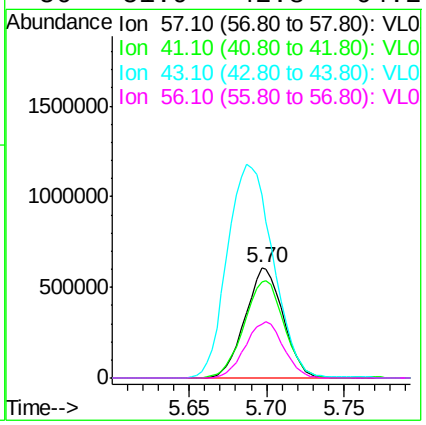


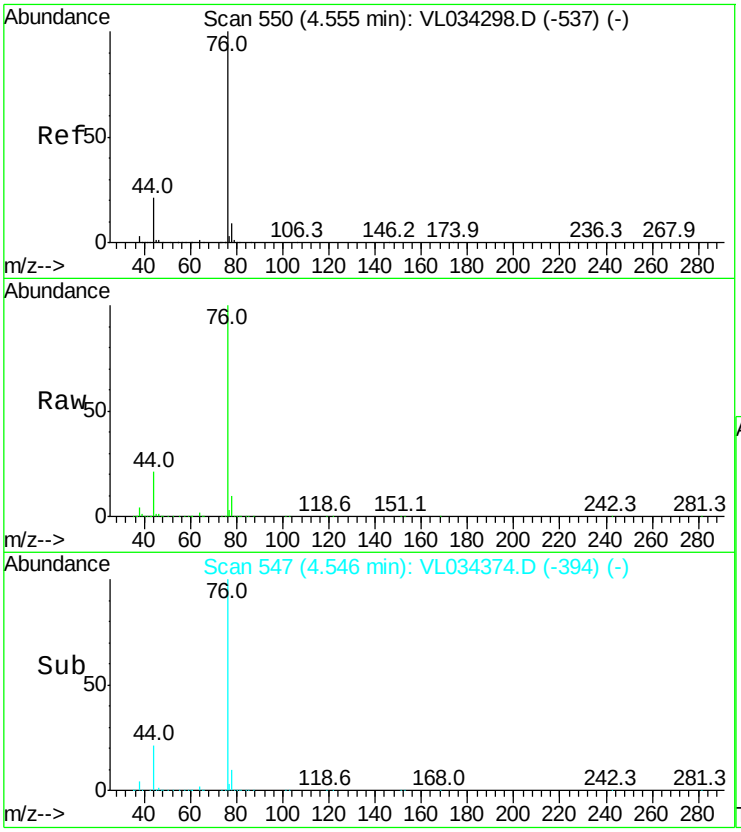


#26
Hexane
Concen: 9.483 ppbv
RT: 5.70 min Scan# 905
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 57 Resp: 1039382

Ion	Ratio	Lower	Upper
57	100		
41	93.7	76.5	114.7
43	233.2	188.5	282.7
56	51.9	42.8	64.2



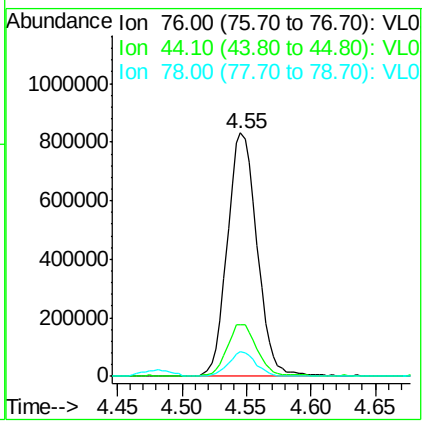


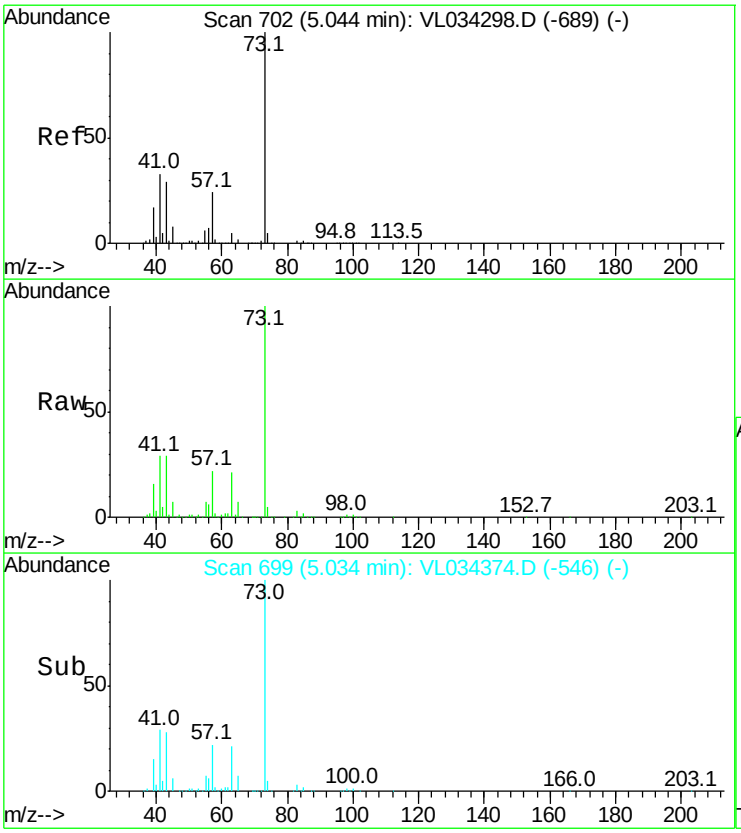
#27
Carbon Disulfide
Concen: 11.693 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 1330473

Ion	Ratio	Lower	Upper
76	100		
44	21.2	17.3	25.9
78	9.5	7.8	11.6

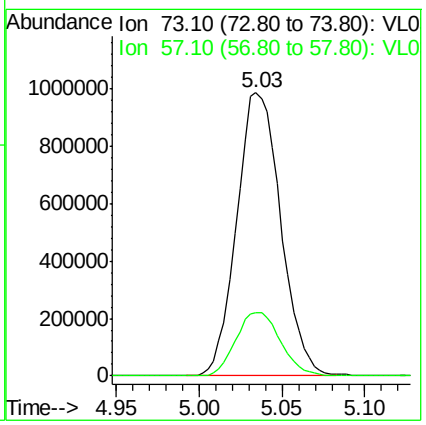


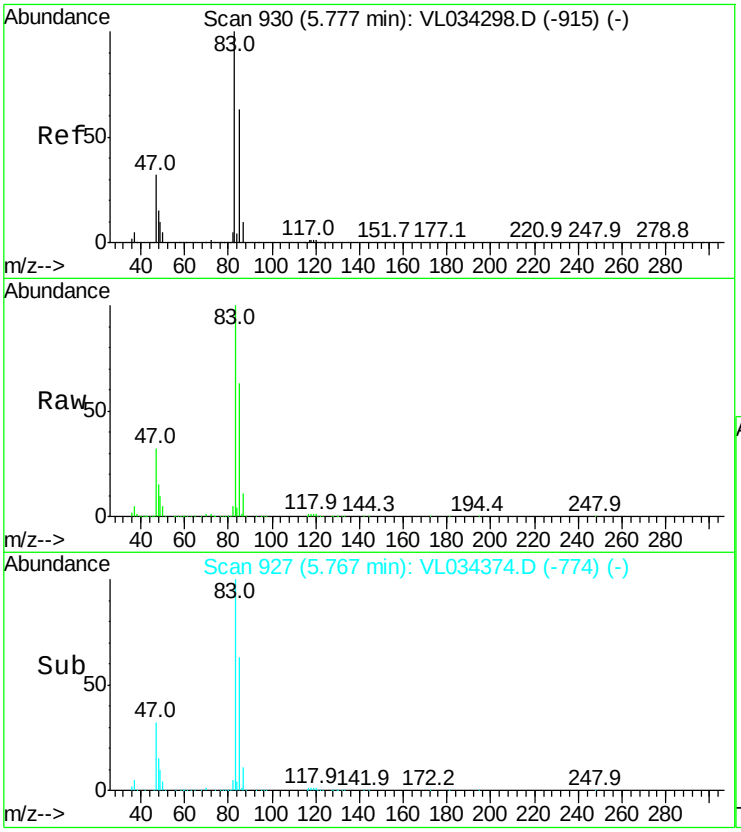


#28
Methyl tert-Butyl Ether
Concen: 10.990 ppbv
RT: 5.03 min Scan# 699
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 73 Resp: 1822945

Ion	Ratio	Lower	Upper
73	100		
57	23.0	19.2	28.8



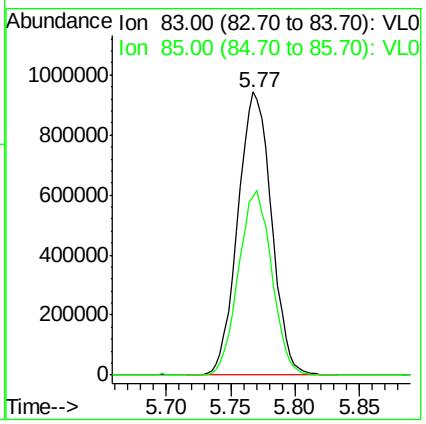


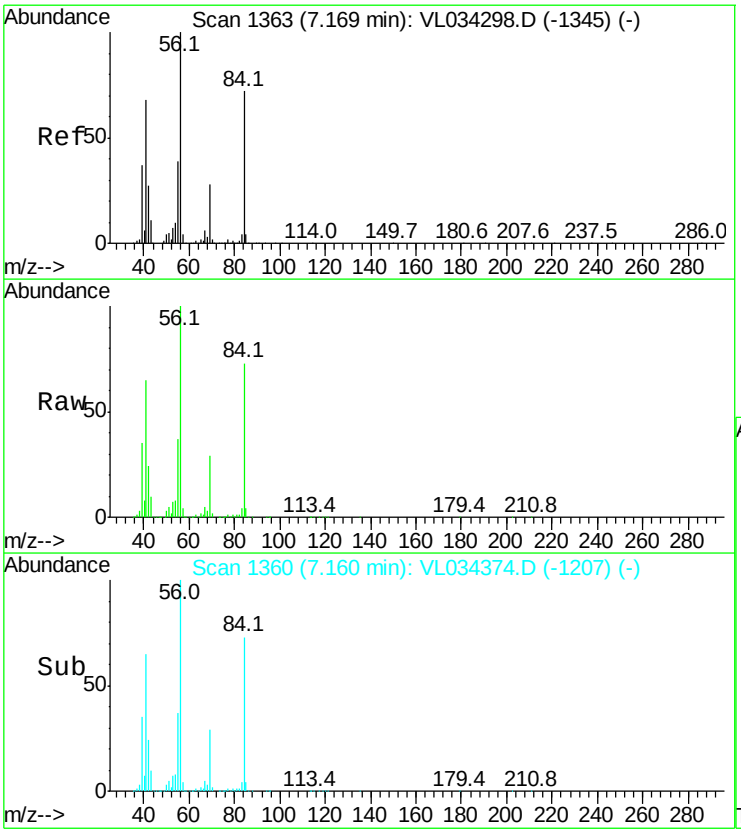
#29
Chloroform
Concen: 9.905 ppbv
RT: 5.77 min Scan# 927
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1717162

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.5	75.7

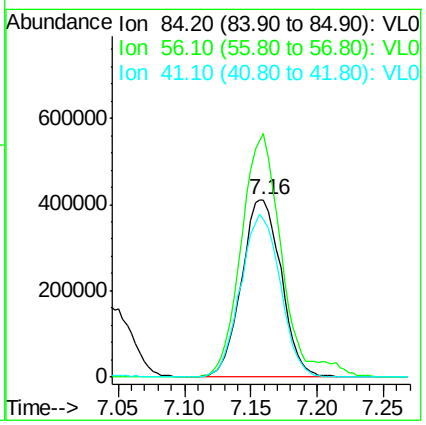


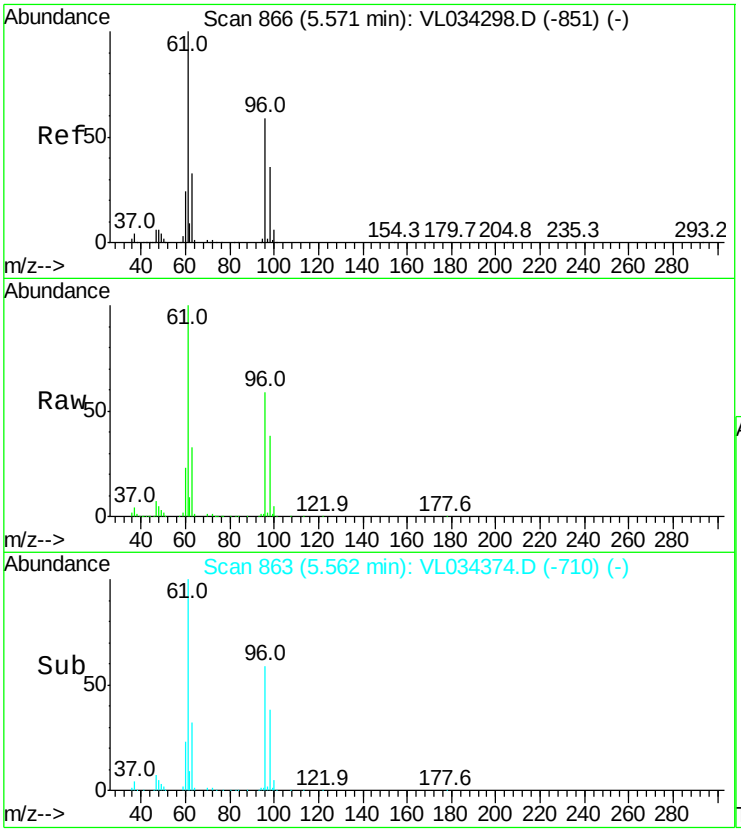


#30
Cyclohexane
Concen: 10.608 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 84 Resp: 855081

Ion	Ratio	Lower	Upper
84	100		
56	140.8	119.4	179.0
41	91.8	78.7	118.1



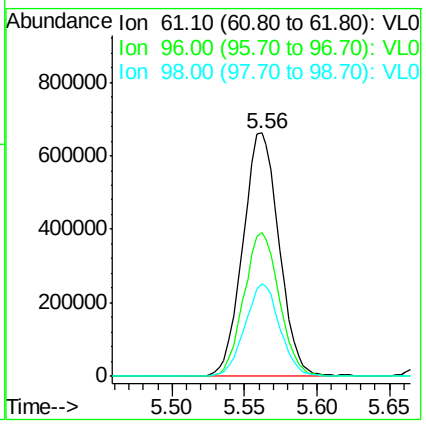


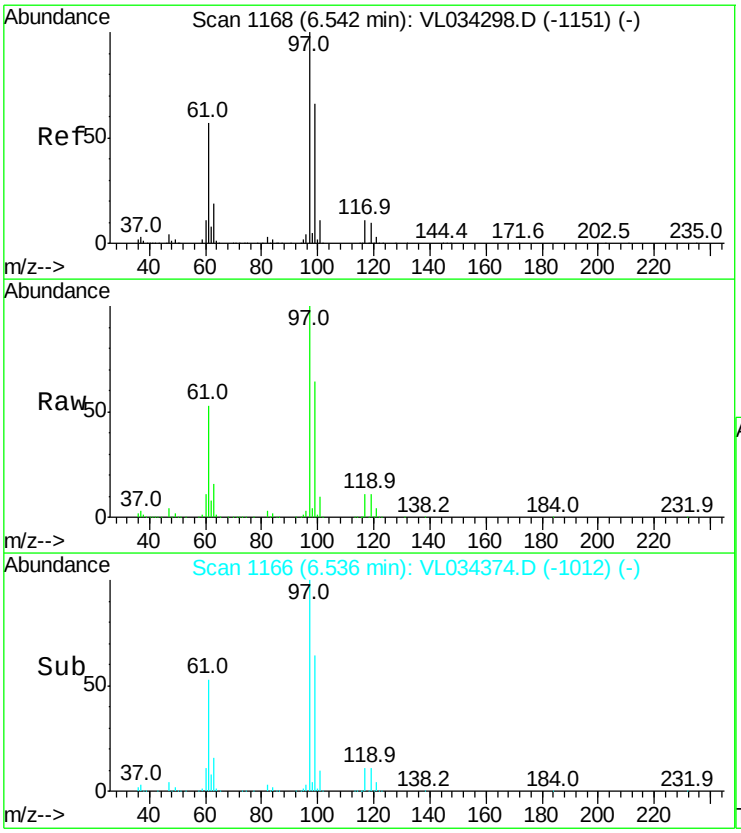
#31
cis-1,2-Dichloroethene
Concen: 10.339 ppbv
RT: 5.56 min Scan# 863
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 61 Resp: 1150058

Ion	Ratio	Lower	Upper
61	100		
96	59.3	47.5	71.3
98	38.2	28.8	43.2

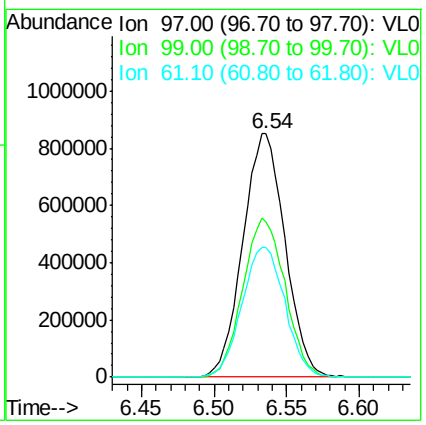


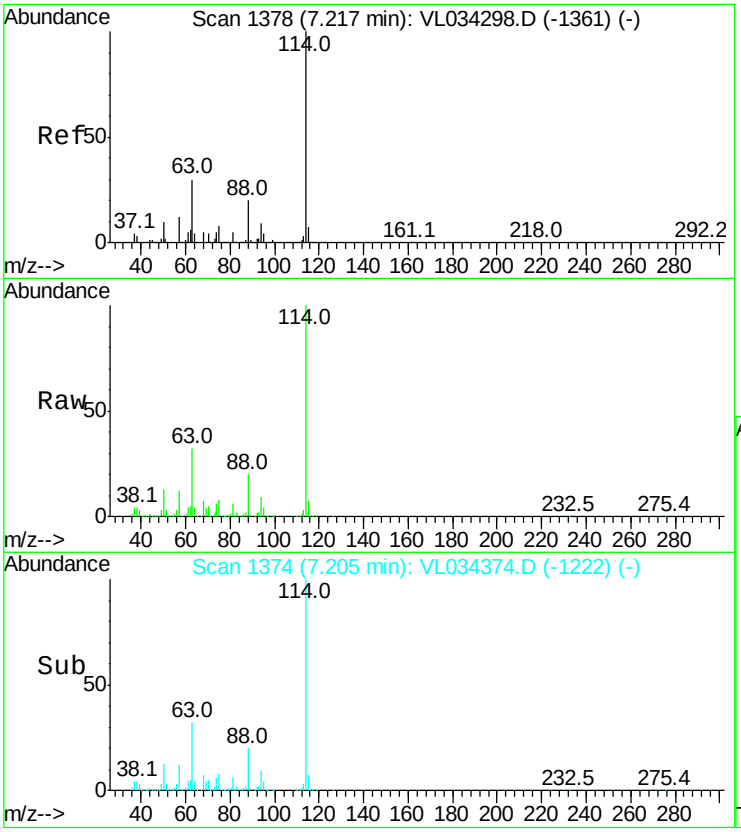


#32
1,1,1-Trichloroethane
Concen: 10.217 ppbv
RT: 6.54 min Scan# 1166
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 97 Resp: 1722561

Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.6	78.8
61	54.6	44.5	66.7



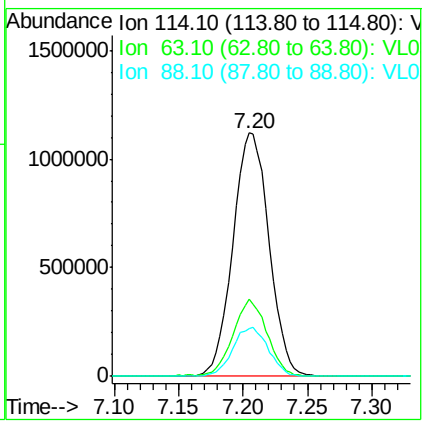


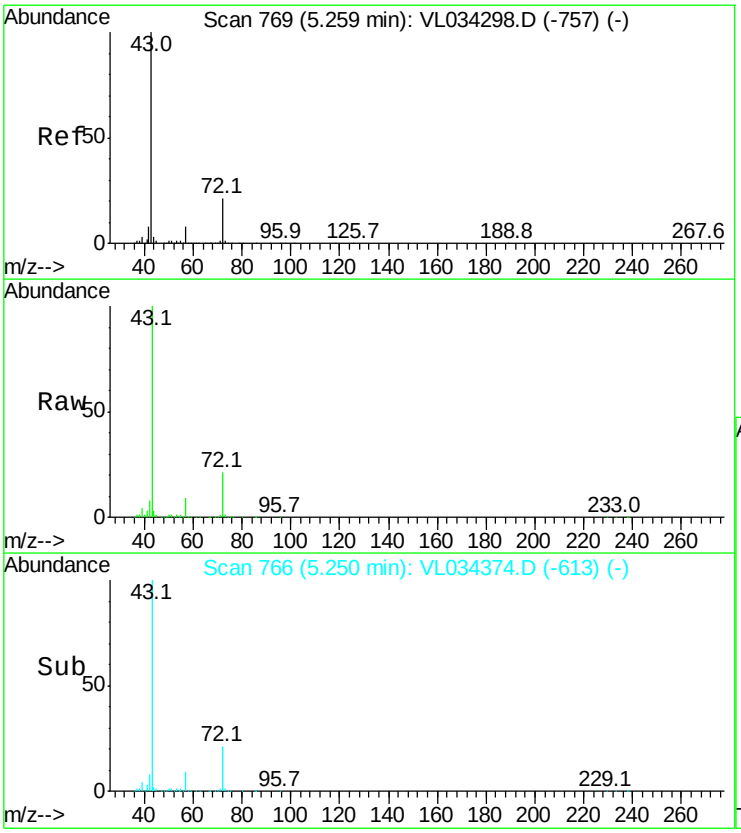
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:114 Resp: 2182058

Ion	Ratio	Lower	Upper
114	100		
63	30.3	25.2	37.8
88	19.9	16.0	24.0

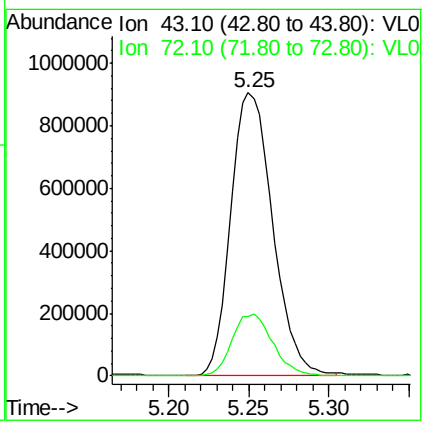


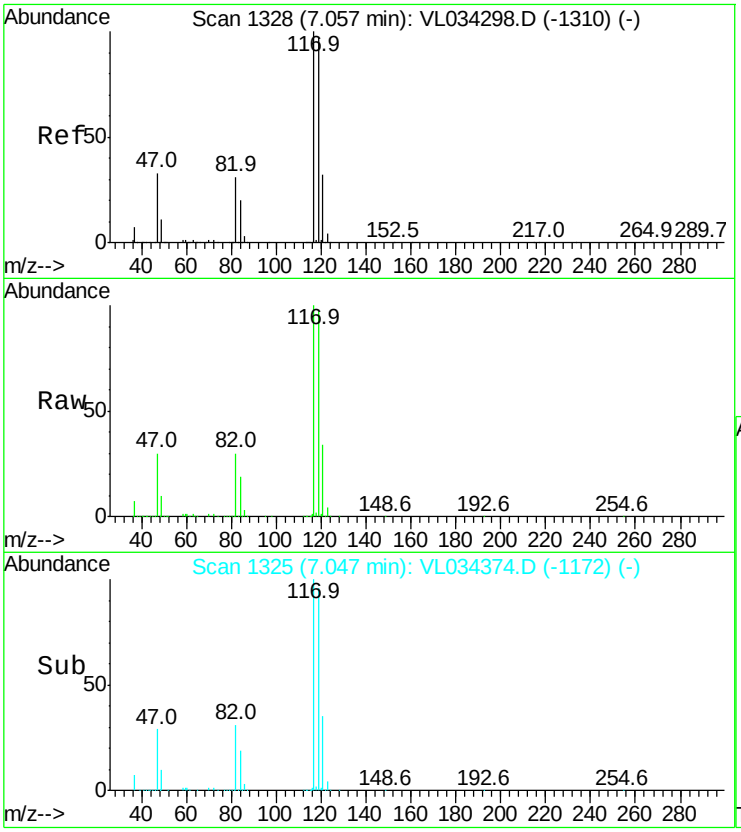


#34
2-Butanone
Concen: 9.051 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 43 Resp: 1614392

Ion	Ratio	Lower	Upper
43	100		
72	21.3	16.3	24.5



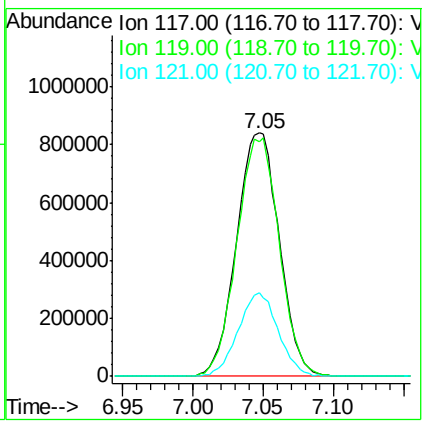


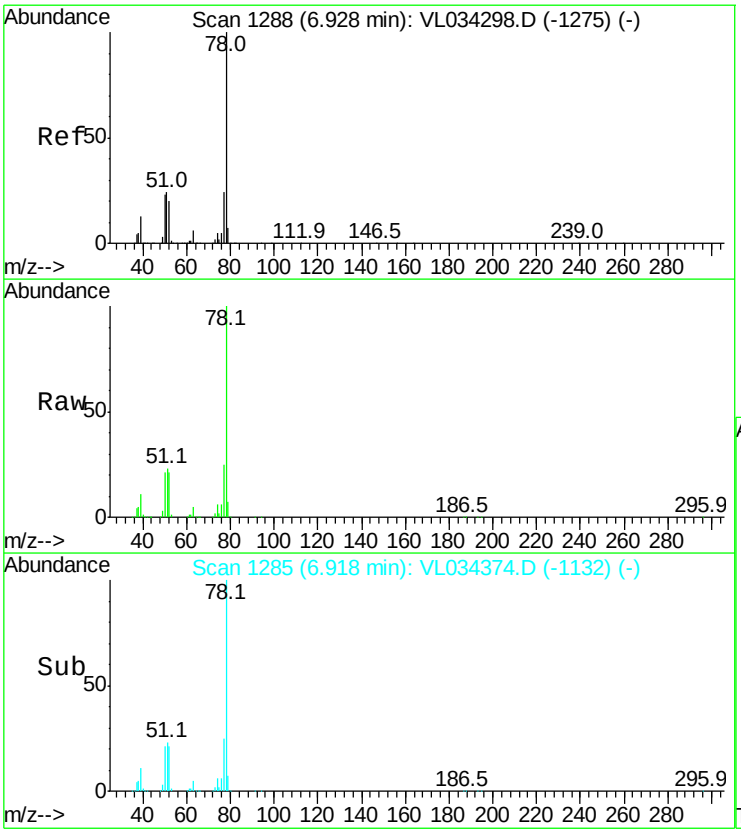
#35
Carbon Tetrachloride
Concen: 9.366 ppbv
RT: 7.05 min Scan# 1325
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 1780031

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.3	115.9
121	34.3	25.5	38.3

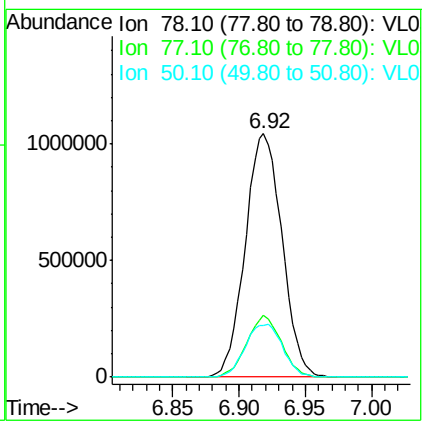


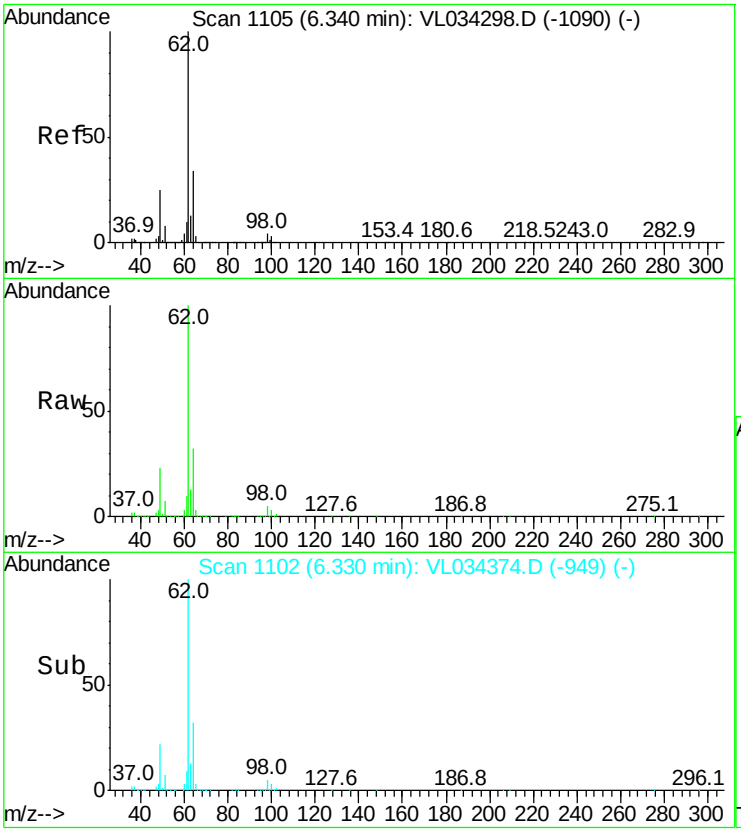


#36
Benzene
Concen: 9.641 ppbv
RT: 6.92 min Scan# 1285
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 78 Resp: 2018546

Ion	Ratio	Lower	Upper
78	100		
77	25.3	19.0	28.4
50	21.4	18.6	27.8



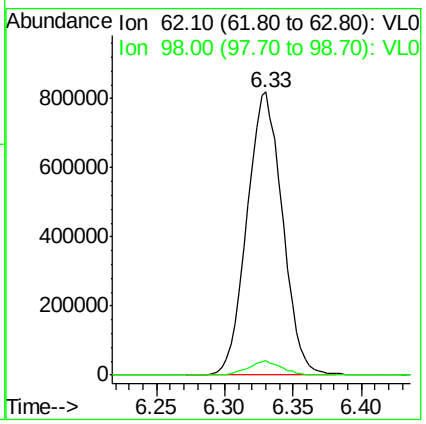


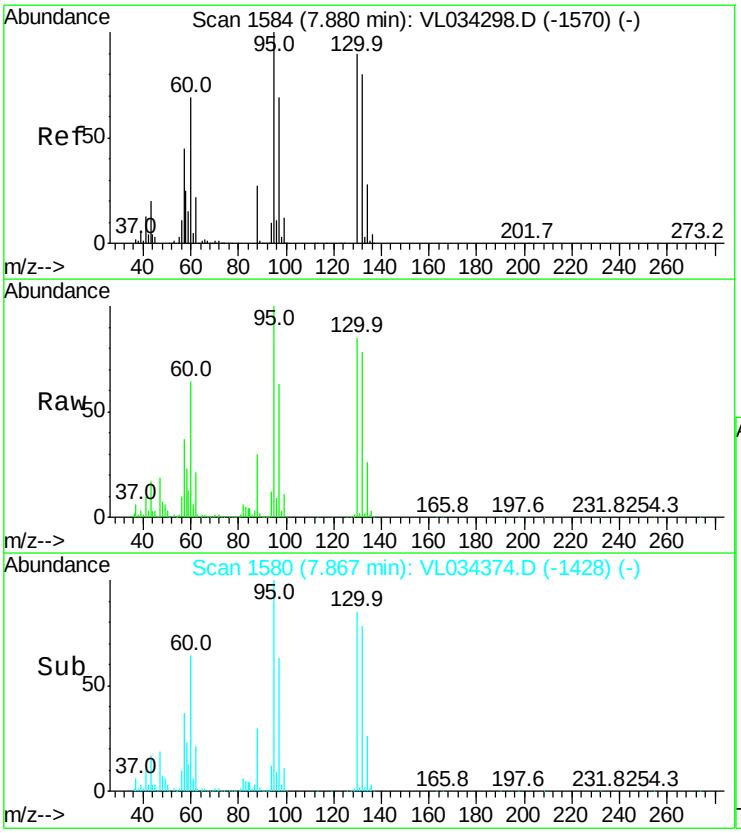
#37
1,2-Dichloroethane
Concen: 9.472 ppbv
RT: 6.33 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 62 Resp: 1477922

Ion	Ratio	Lower	Upper
62	100		
98	4.8	3.8	5.6

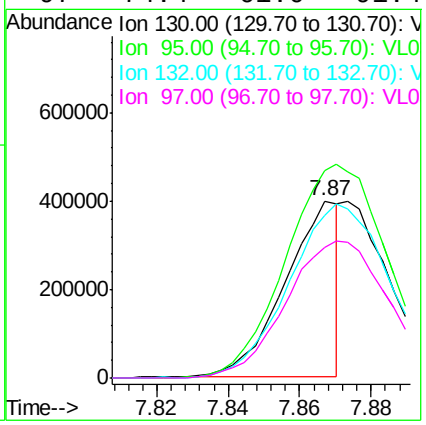


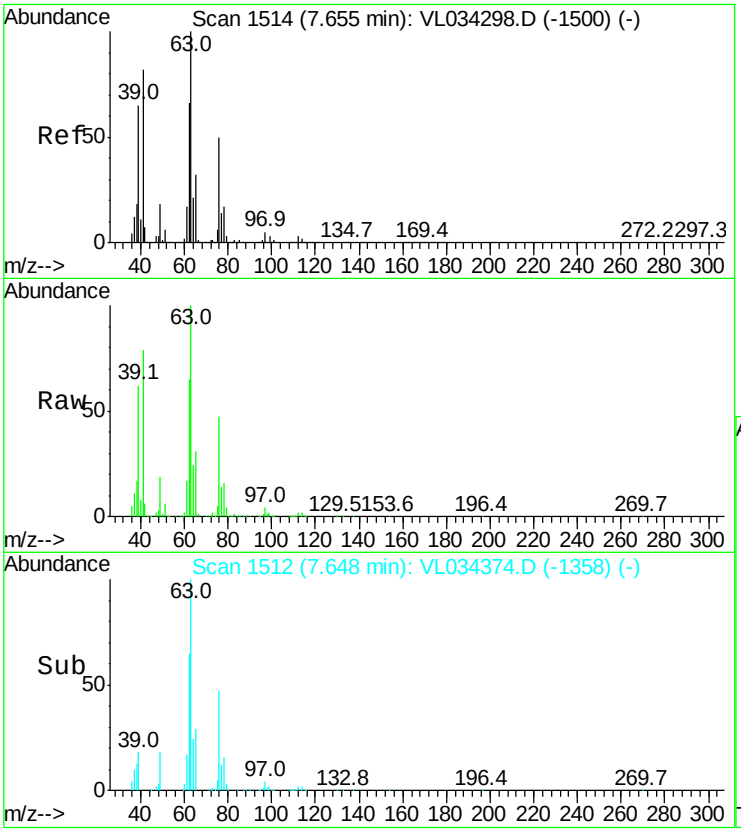


#38
Trichloroethene
Concen: 4.938 ppbv
RT: 7.87 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:130 Resp: 414844

Ion	Ratio	Lower	Upper
130	100		
95	117.9	88.6	132.8
132	92.2	71.2	106.8
97	74.4	61.0	91.4



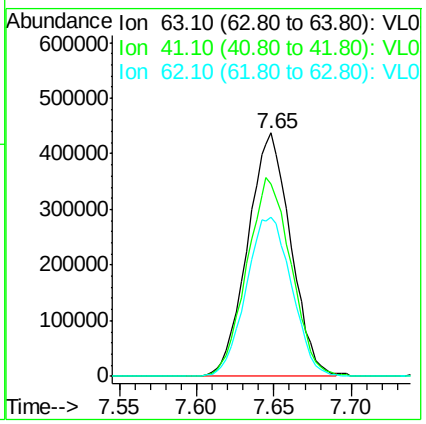


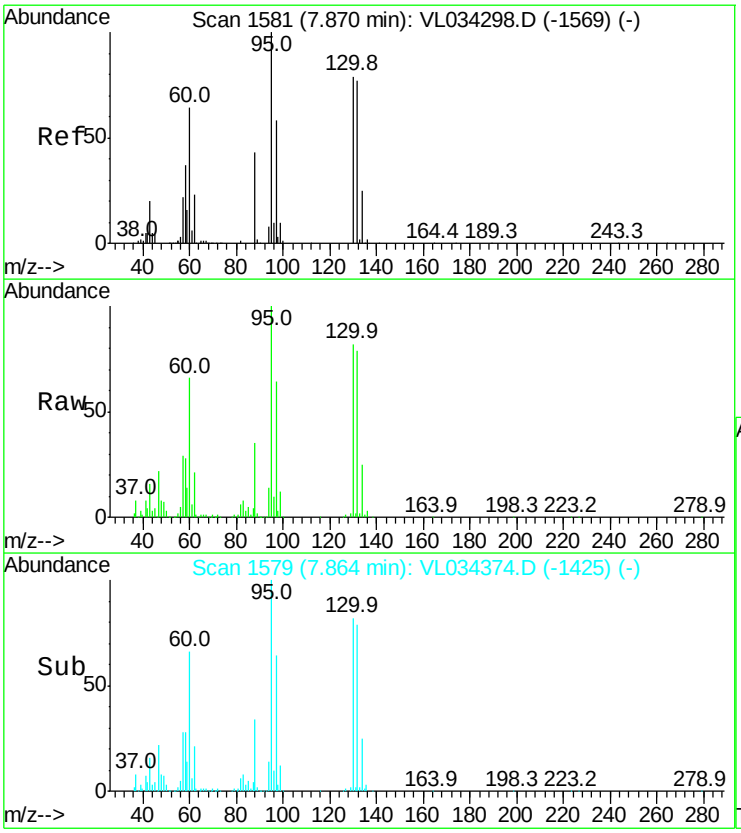
#39
1,2-Dichloropropane
Concen: 9.391 ppbv
RT: 7.65 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 846618

Ion	Ratio	Lower	Upper
63	100		
41	78.9	65.6	98.4
62	65.4	53.0	79.6

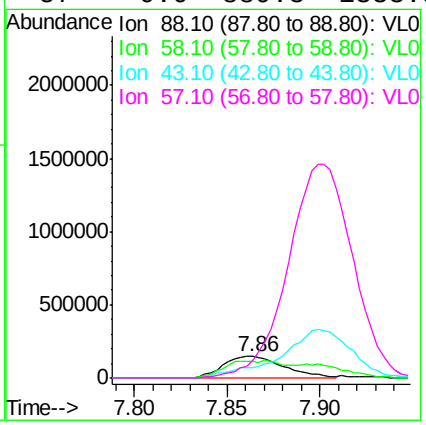


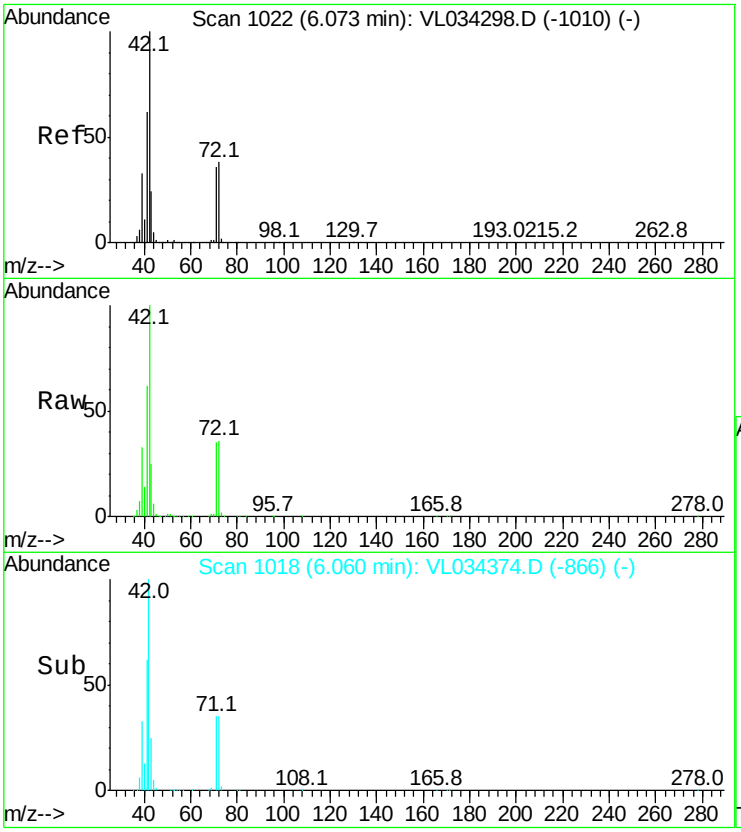


#40
1,4-Dioxane
Concen: 10.304 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 88 Resp: 326448

Ion	Ratio	Lower	Upper
88	100		
58	136.9	110.3	165.5
43	0.0	228.1	342.1#
57	0.0	889.3	1333.9#



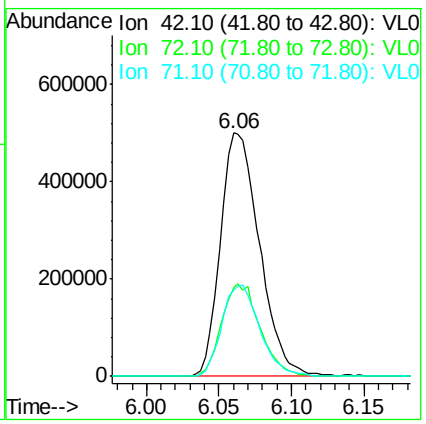


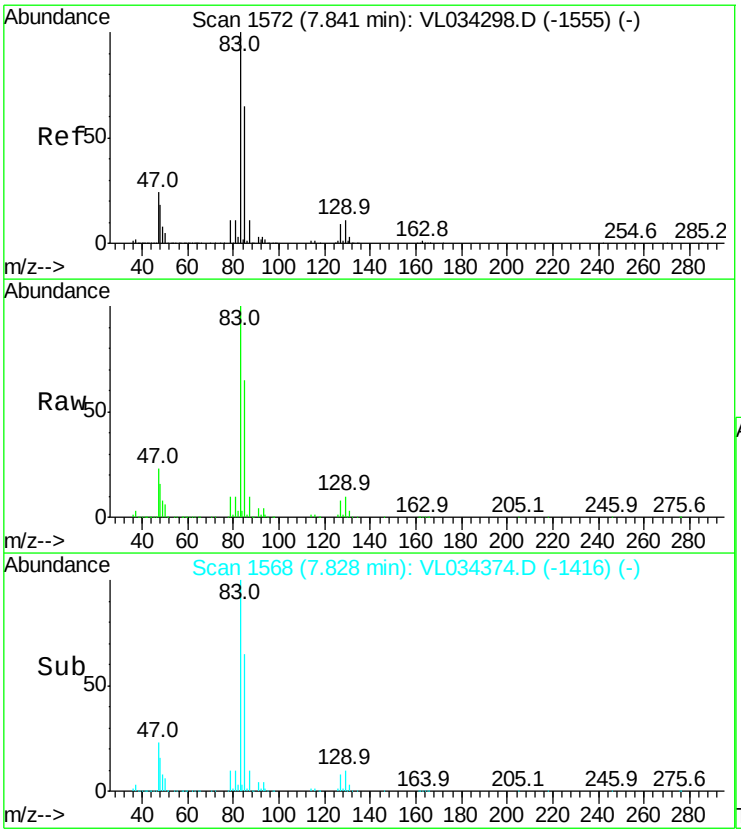
#41
Tetrahydrofuran
Concen: 9.414 ppbv
RT: 6.06 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 42 Resp: 931867

Ion	Ratio	Lower	Upper
42	100		
72	37.8	28.0	42.0
71	36.8	27.3	40.9

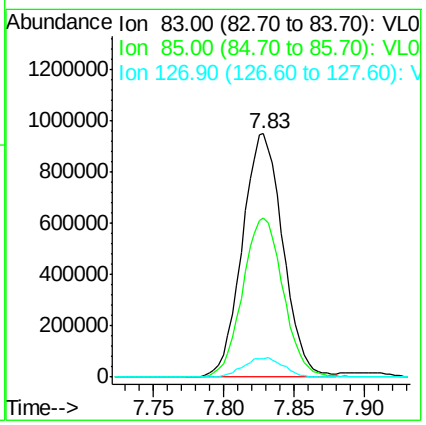


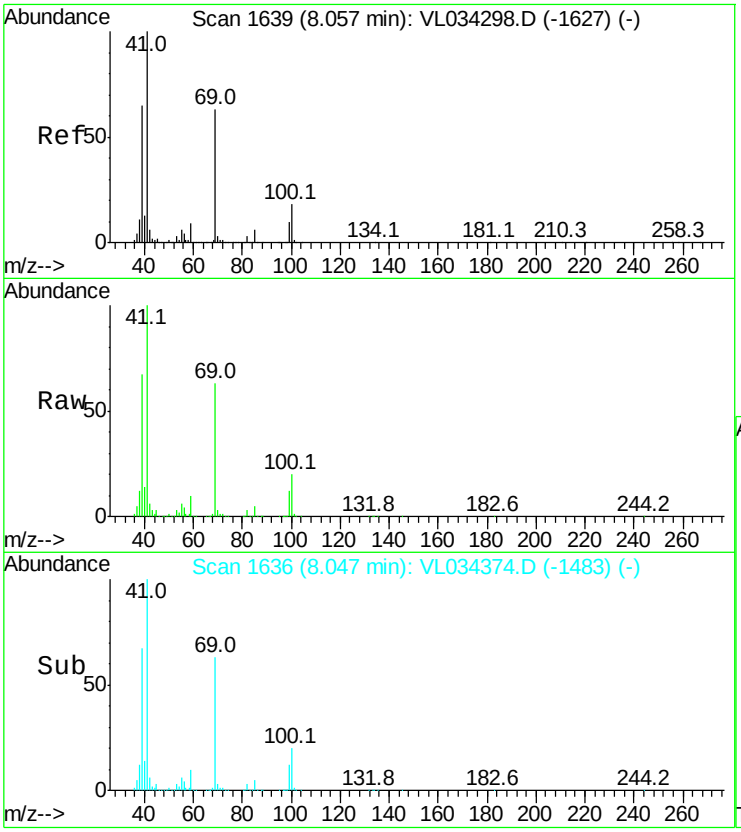


#42
Bromodichloromethane
Concen: 10.042 ppbv
RT: 7.83 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 83 Resp: 1919079

Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.6
127	7.6	7.0	10.6



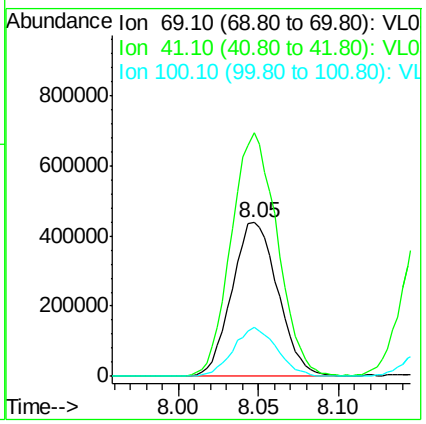


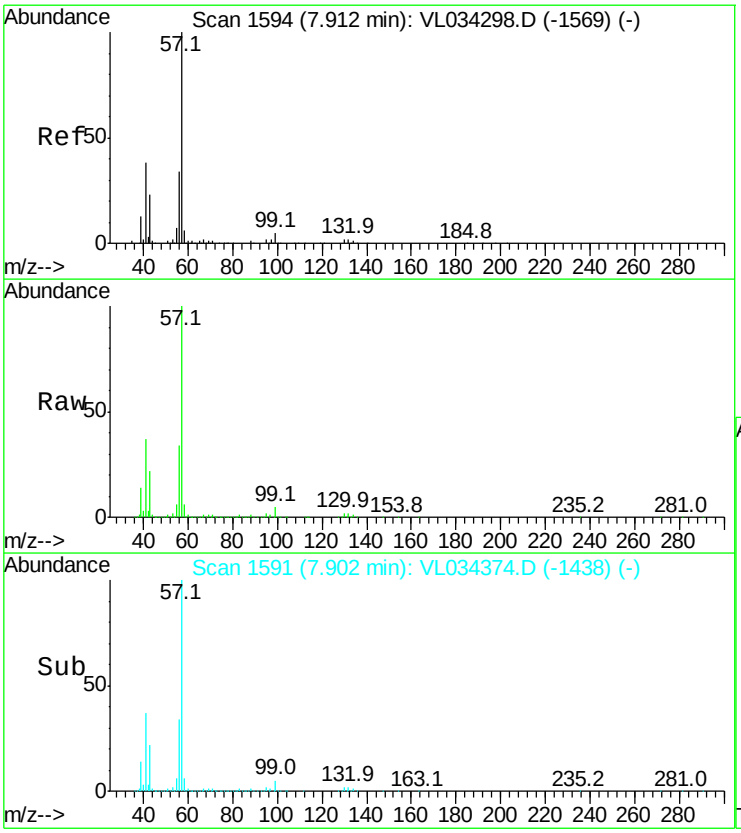
#43
Methyl Methacrylate
Concen: 9.908 ppbv
RT: 8.05 min Scan# 1636
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 857922

Ion	Ratio	Lower	Upper
69	100		
41	159.3	132.1	198.1
100	30.3	23.2	34.8

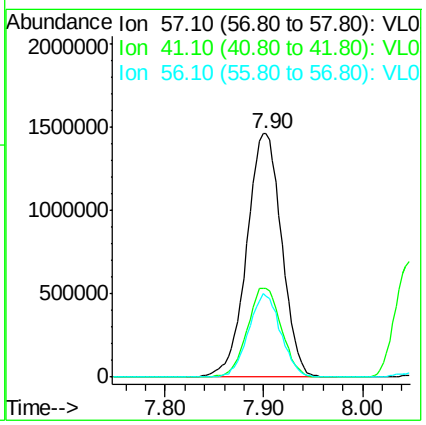


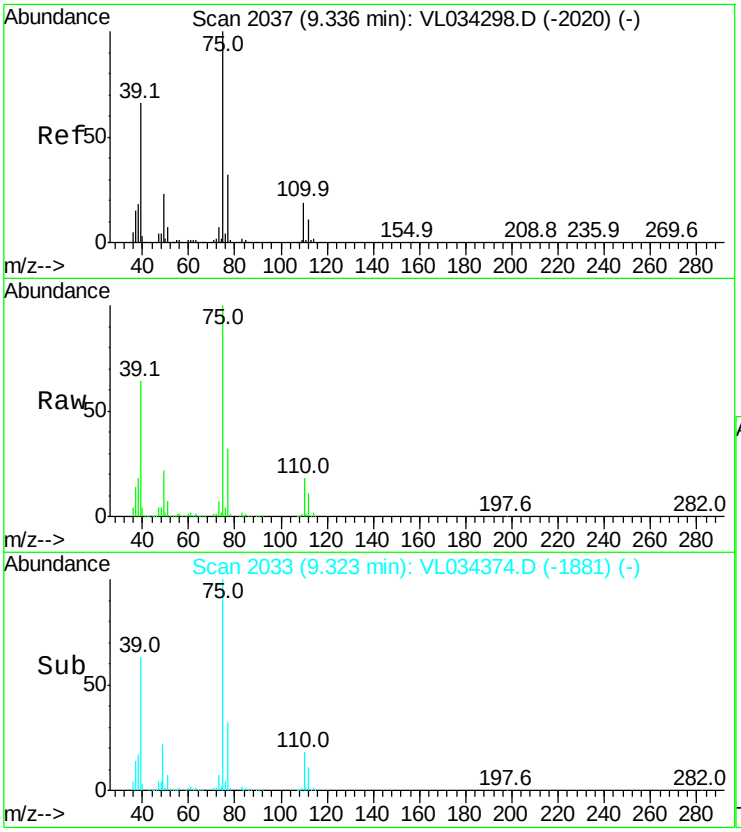


#44
2,2,4-Trimethylpentane
Concen: 9.183 ppbv
RT: 7.90 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 57 Resp: 3558401

Ion	Ratio	Lower	Upper
57	100		
41	35.7	29.3	43.9
56	31.6	25.3	37.9



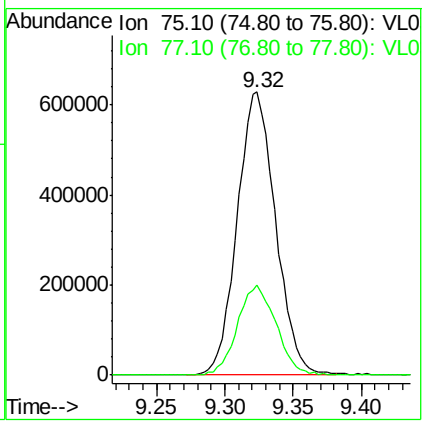


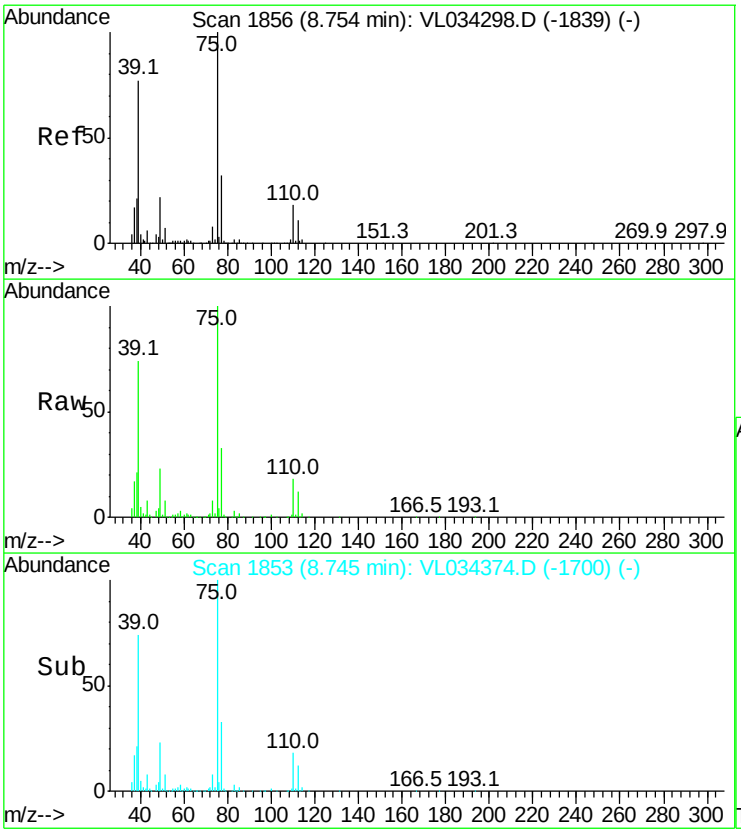
#45
t-1,3-Dichloropropene
Concen: 11.623 ppbv
RT: 9.32 min Scan# 2033
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 75 Resp: 1226245

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.6	38.4

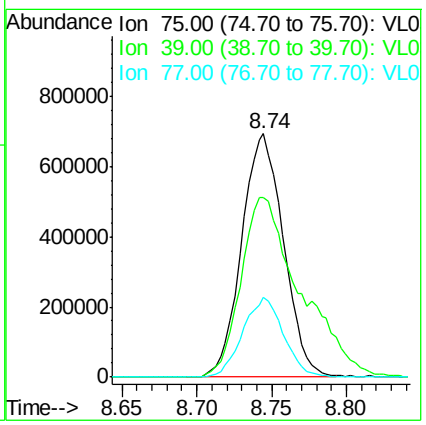


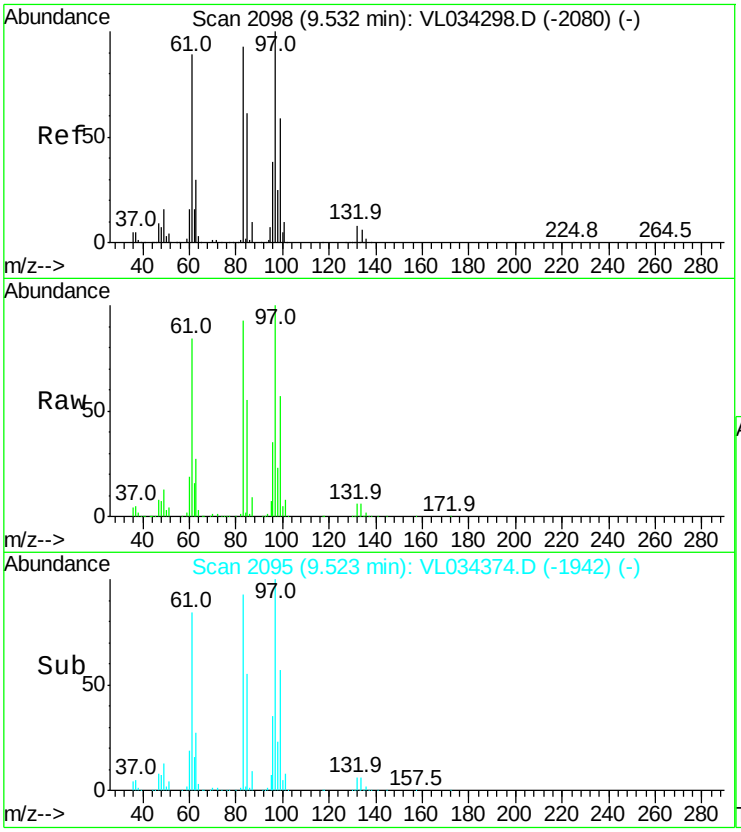


#46
cis-1,3-Dichloropropene
Concen: 11.146 ppbv
RT: 8.74 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 75 Resp: 1350935

Ion	Ratio	Lower	Upper
75	100		
39	73.8	61.2	91.8
77	33.0	25.9	38.9



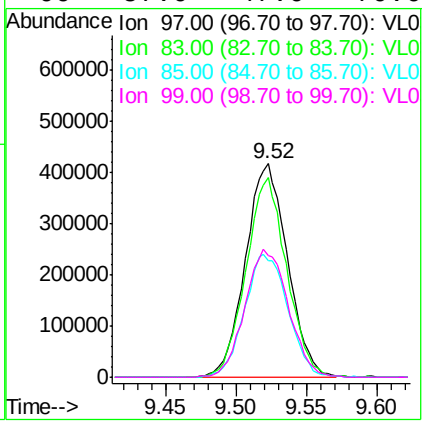


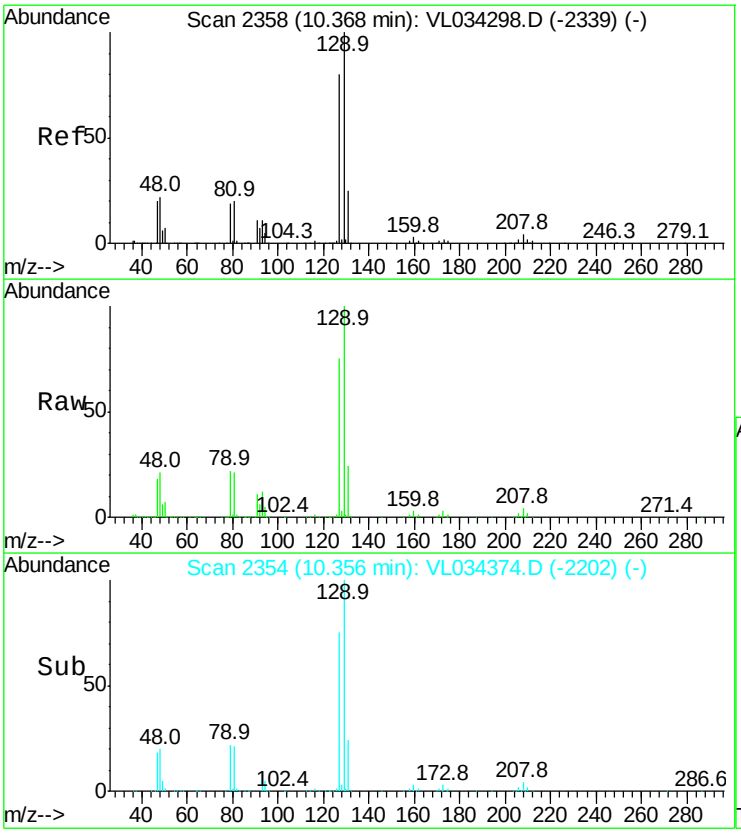
#47
1,1,2-Trichloroethane
Concen: 9.498 ppbv
RT: 9.52 min Scan# 2095
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 867274

Ion	Ratio	Lower	Upper
97	100		
83	93.3	74.2	111.2
85	54.8	48.6	73.0
99	57.0	47.0	70.6

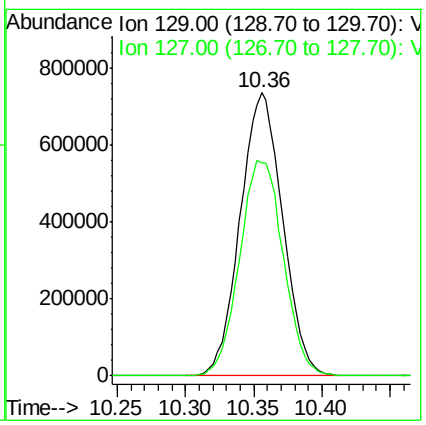


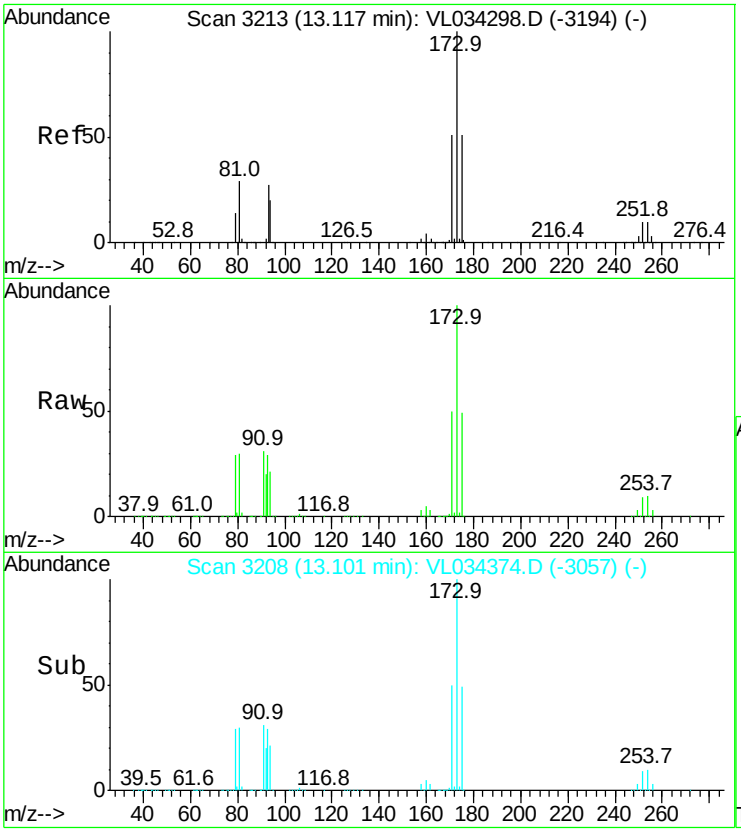


#48
Dibromochloromethane
Concen: 10.631 ppbv
RT: 10.36 min Scan# 2354
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:129 Resp: 1592475

Ion	Ratio	Lower	Upper
129	100		
127	78.3	39.7	119.1



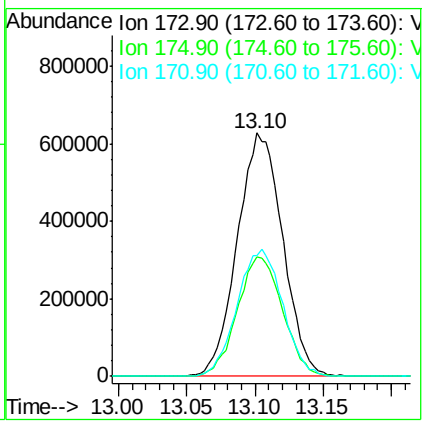


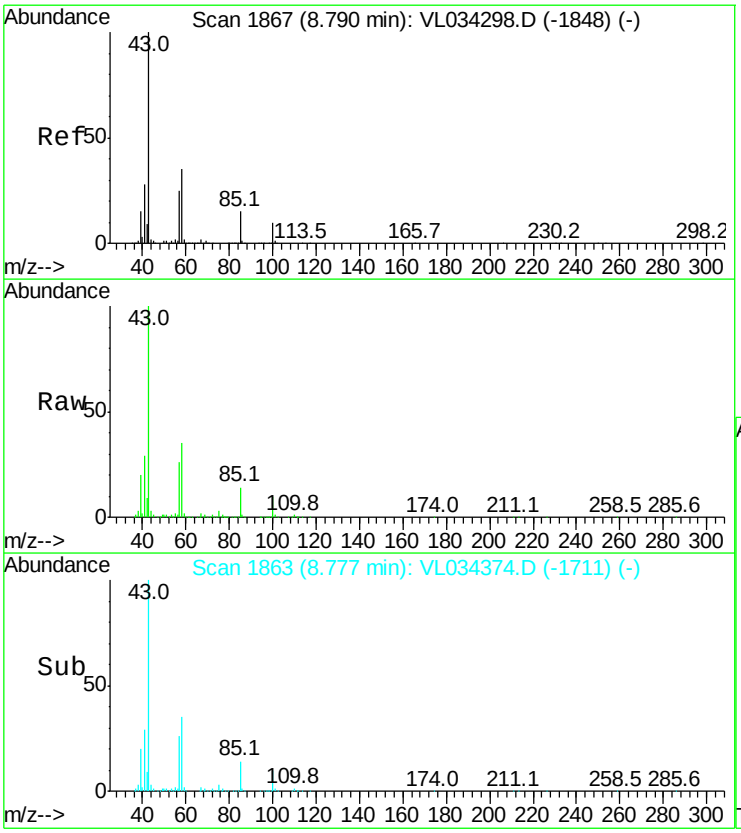
#49
Bromoform
Concen: 10.895 ppbv
RT: 13.10 min Scan# 3208
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion:173 Resp: 1446067

Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.8	59.6
171	53.0	41.8	62.6

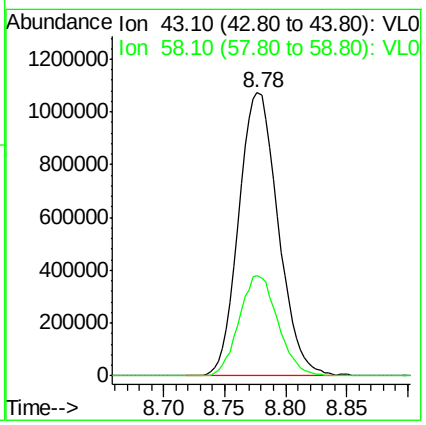


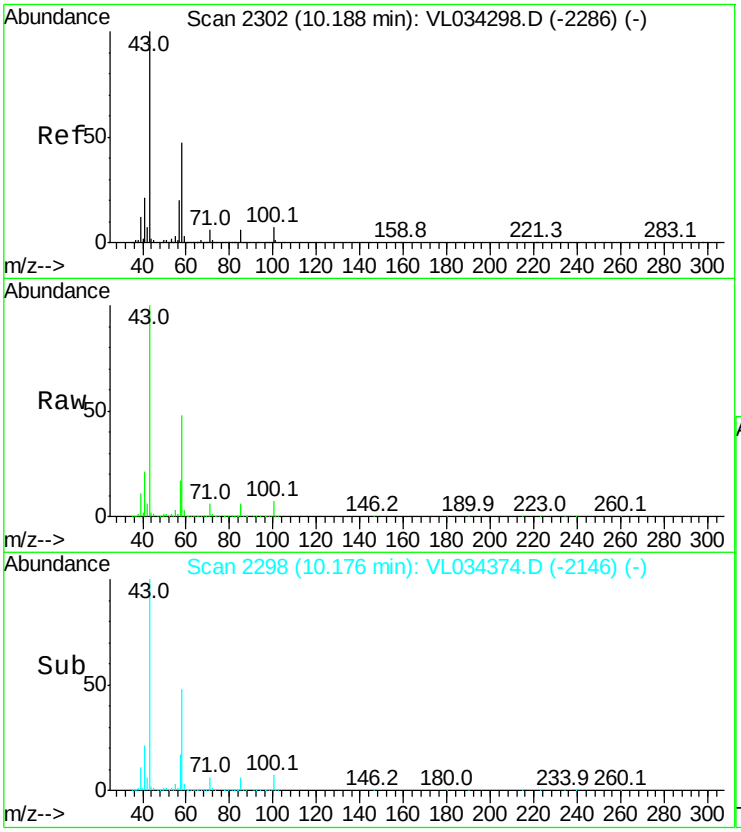


#50
4-Methyl-2-Pentanone
Concen: 9.374 ppbv
RT: 8.78 min Scan# 1863
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 43 Resp: 2393452

Ion	Ratio	Lower	Upper
43	100		
58	34.9	27.6	41.4



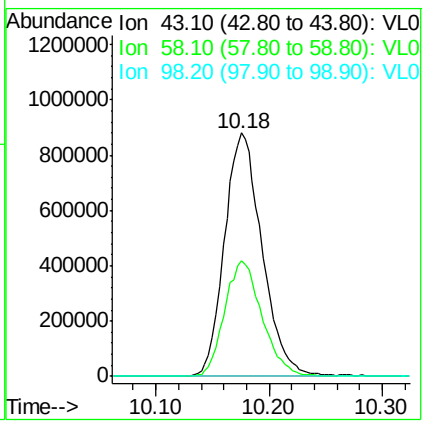


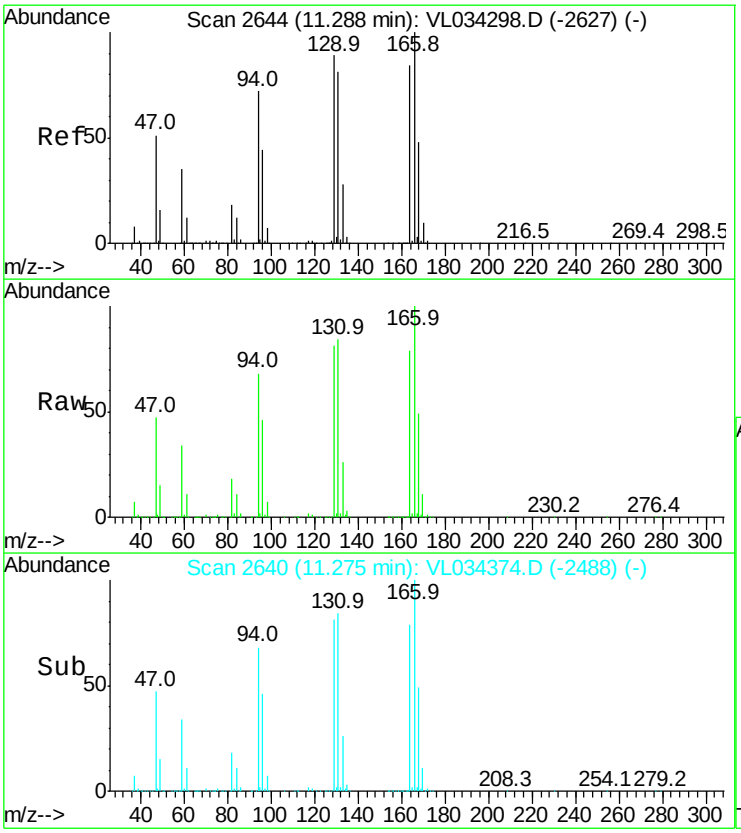
#51
2-Hexanone
Concen: 9.675 ppbv
RT: 10.18 min Scan# 2298
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 43 Resp: 2025042

Ion	Ratio	Lower	Upper
43	100		
58	47.8	37.0	55.6
98	0.2	0.2	0.2

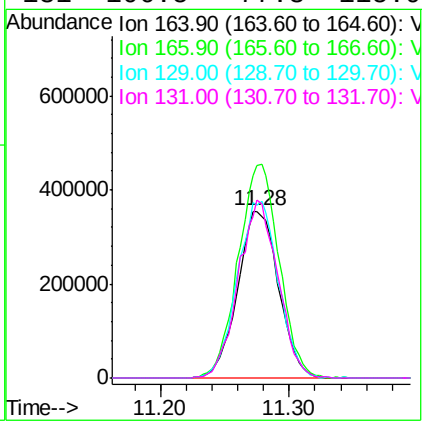


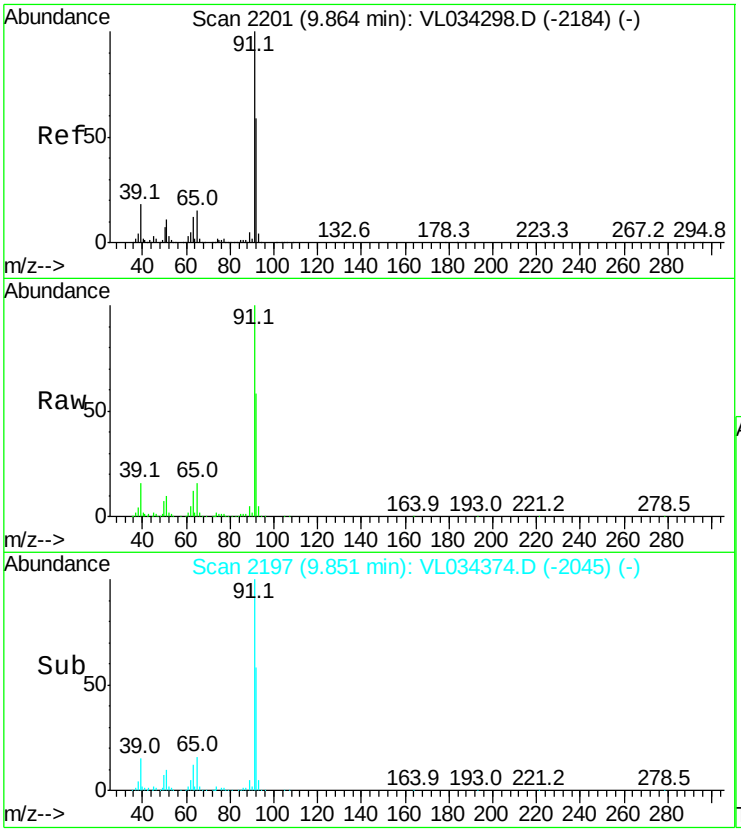


#52
Tetrachloroethene
Concen: 9.551 ppbv
RT: 11.28 min Scan# 2640
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:164 Resp: 783775

Ion	Ratio	Lower	Upper
164	100		
166	127.1	95.3	142.9
129	103.2	84.5	126.7
131	106.5	77.3	115.9



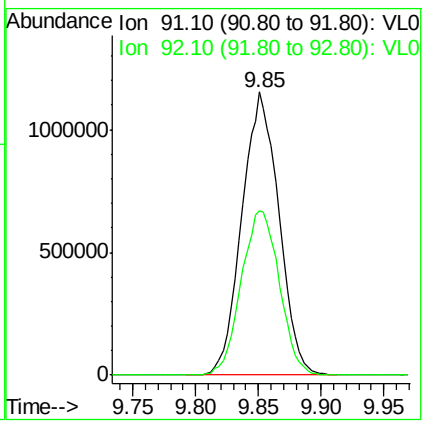


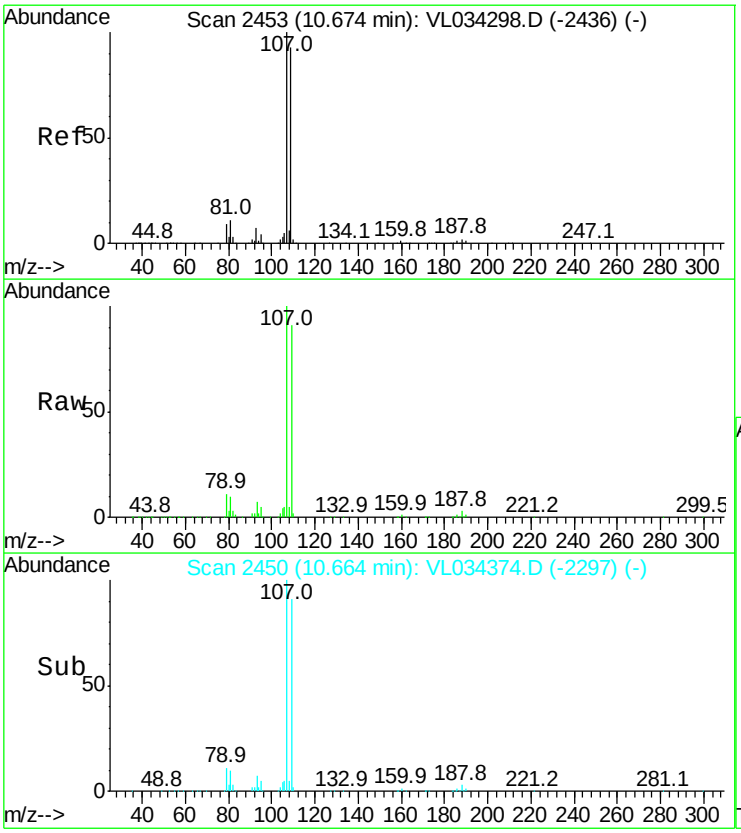
#53
Toluene
Concen: 10.225 ppbv
RT: 9.85 min Scan# 2197
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2362570

Ion	Ratio	Lower	Upper
91	100		
92	59.9	48.4	72.6

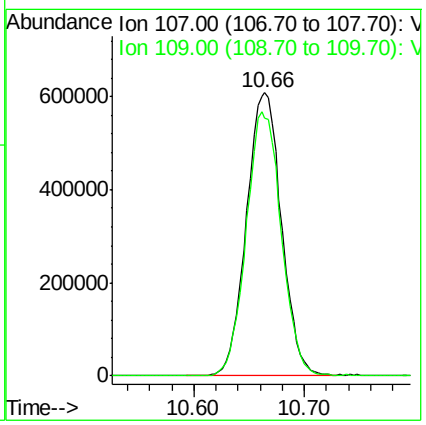


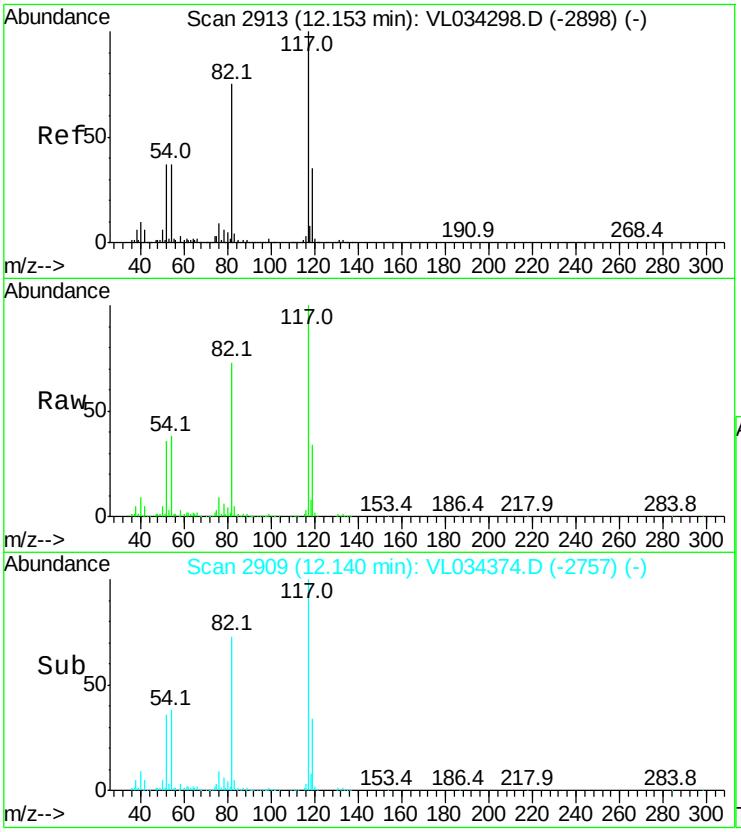


#54
1,2-Dibromoethane
Concen: 9.871 ppbv
RT: 10.66 min Scan# 2450
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:107 Resp: 1335949

Ion	Ratio	Lower	Upper
107	100		
109	91.2	74.6	112.0



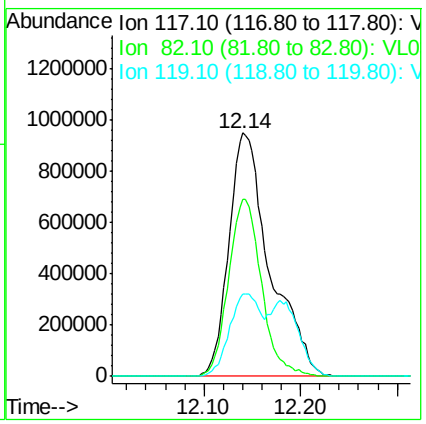


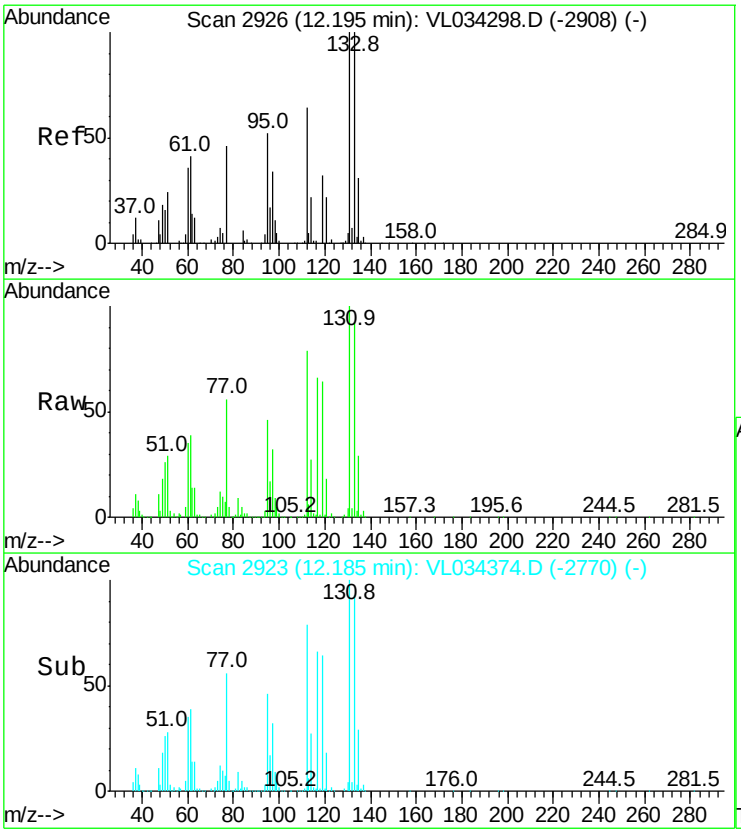
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.14 min Scan# 2909
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 2809358

Ion	Ratio	Lower	Upper
117	100		
82	58.4	55.5	83.3
119	25.8	26.5	39.7#

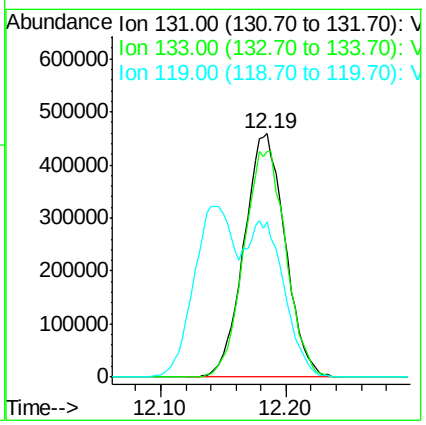


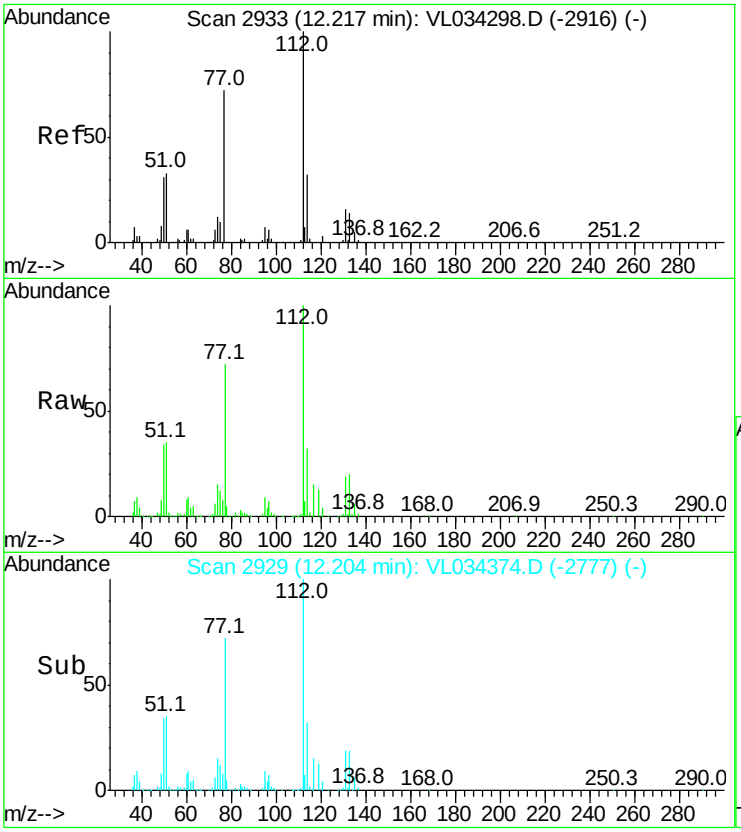


#56
1,1,1,2-Tetrachloroethane
Concen: 8.065 ppbv
RT: 12.19 min Scan# 2923
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:131 Resp: 1044182

Ion	Ratio	Lower	Upper
131	100		
133	95.2	77.1	115.7
119	55.8	49.0	73.4



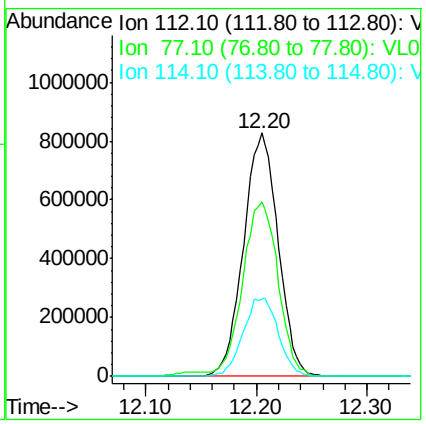


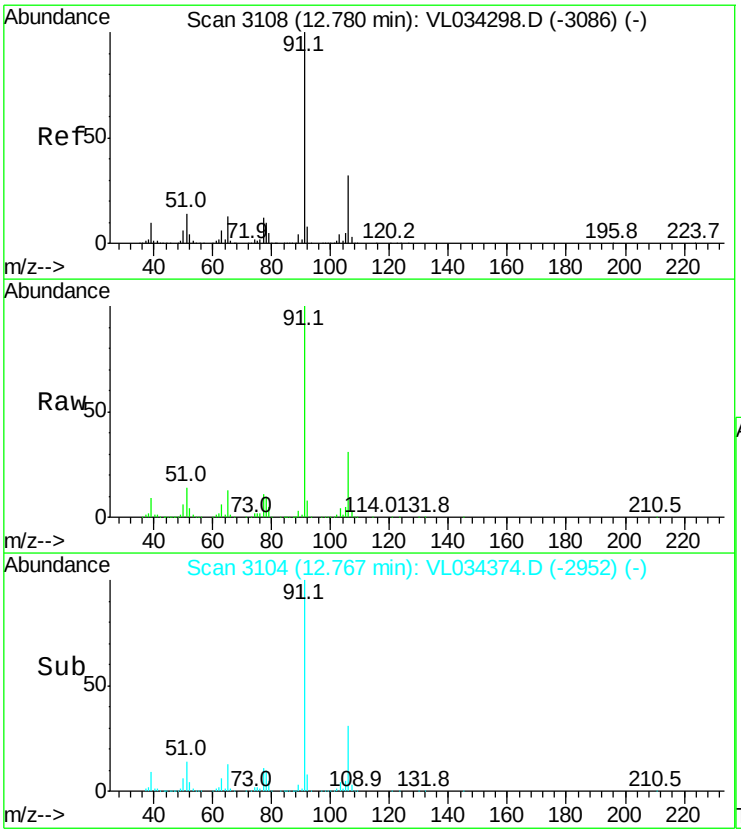
#57
Chlorobenzene
Concen: 7.692 ppbv
RT: 12.20 min Scan# 2929
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:112 Resp: 1802786

Ion	Ratio	Lower	Upper
112	100		
77	71.4	58.6	88.0
114	31.7	28.6	35.0

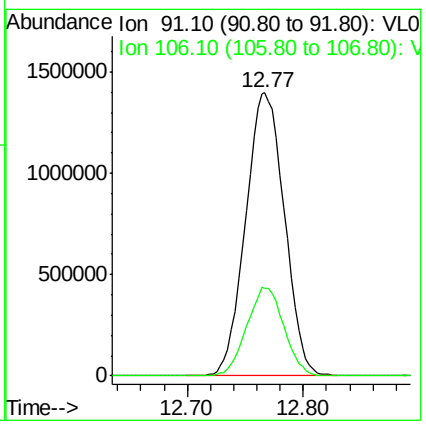


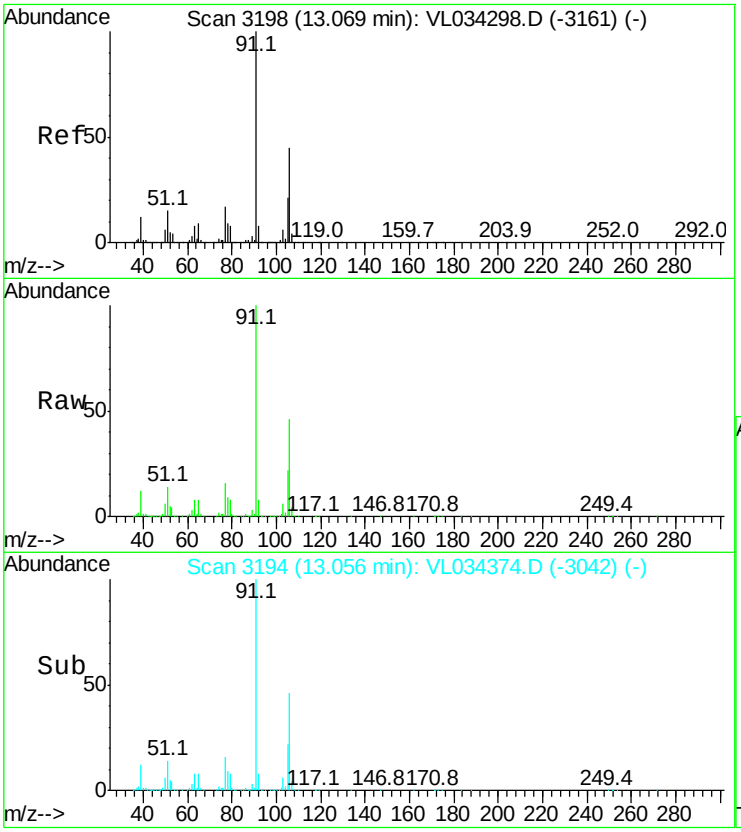


#58
Ethyl Benzene
Concen: 8.272 ppbv
RT: 12.77 min Scan# 3104
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 91 Resp: 3248646

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.3	37.9



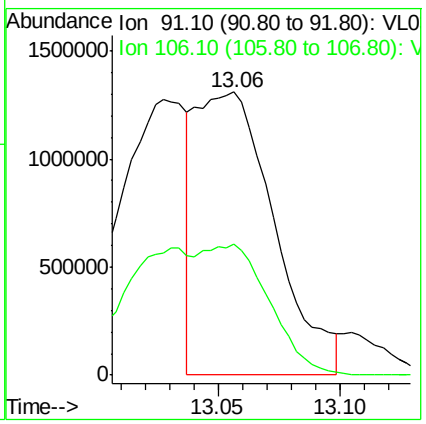


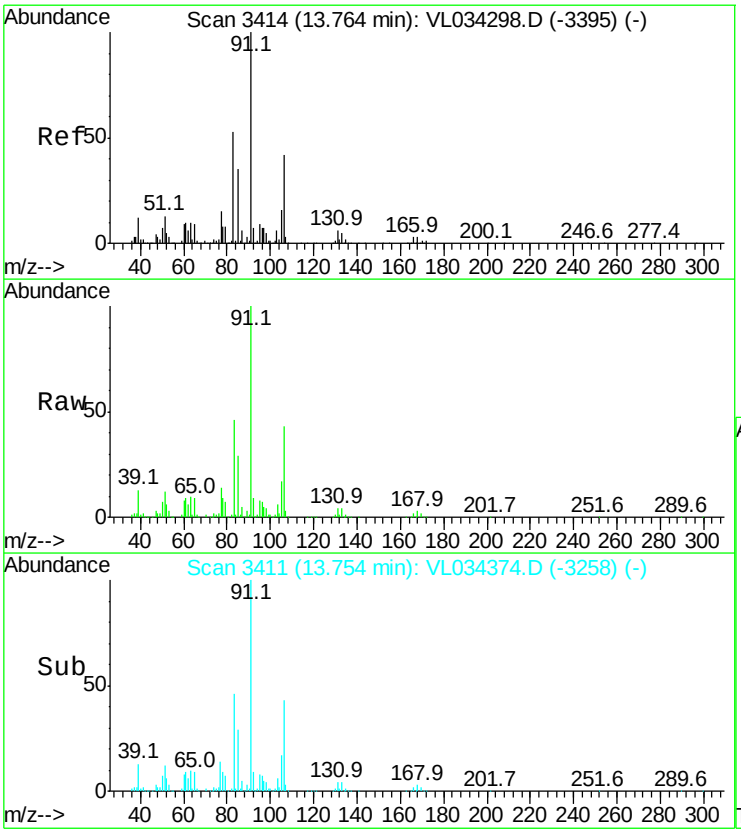
#59
m/p-Xylene
Concen: 8.539 ppbv
RT: 13.06 min Scan# 3194
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2905597

Ion	Ratio	Lower	Upper
91	100		
106	81.6	35.4	53.2#

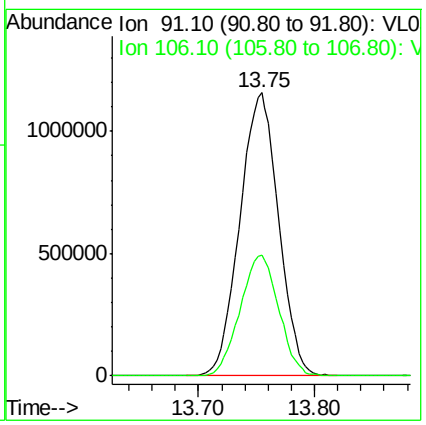


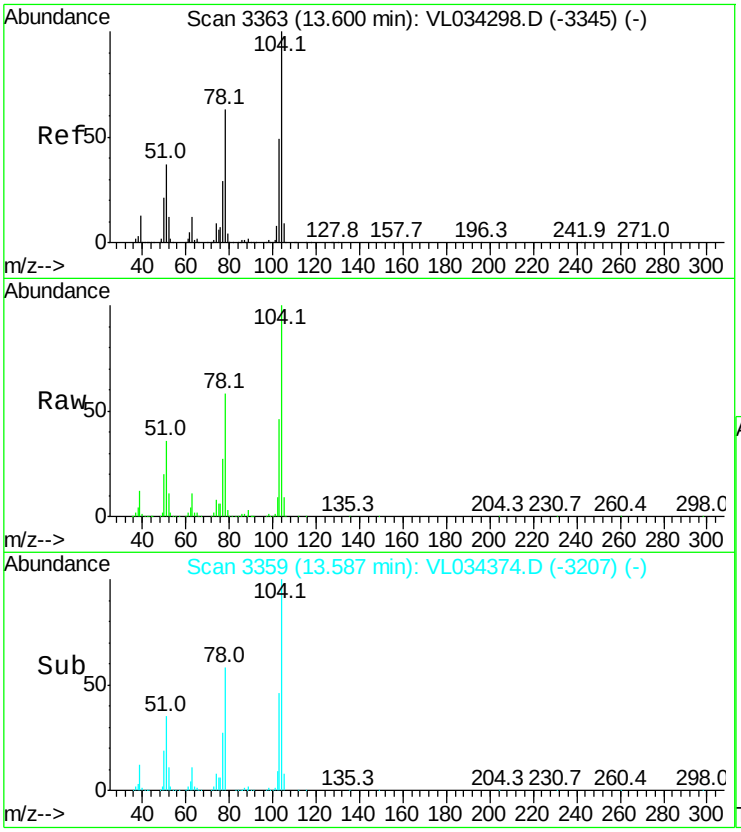


#60
o-Xylene
Concen: 7.933 ppbv
RT: 13.75 min Scan# 3411
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 91 Resp: 2687744

Ion	Ratio	Lower	Upper
91	100		
106	42.7	21.6	64.6



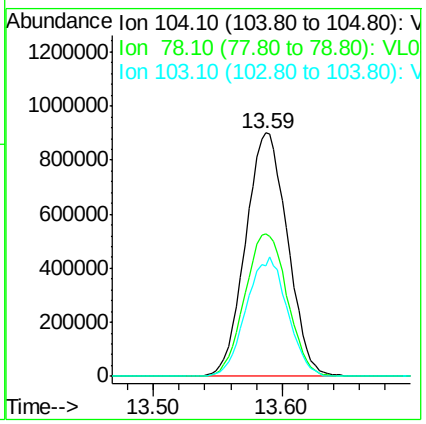


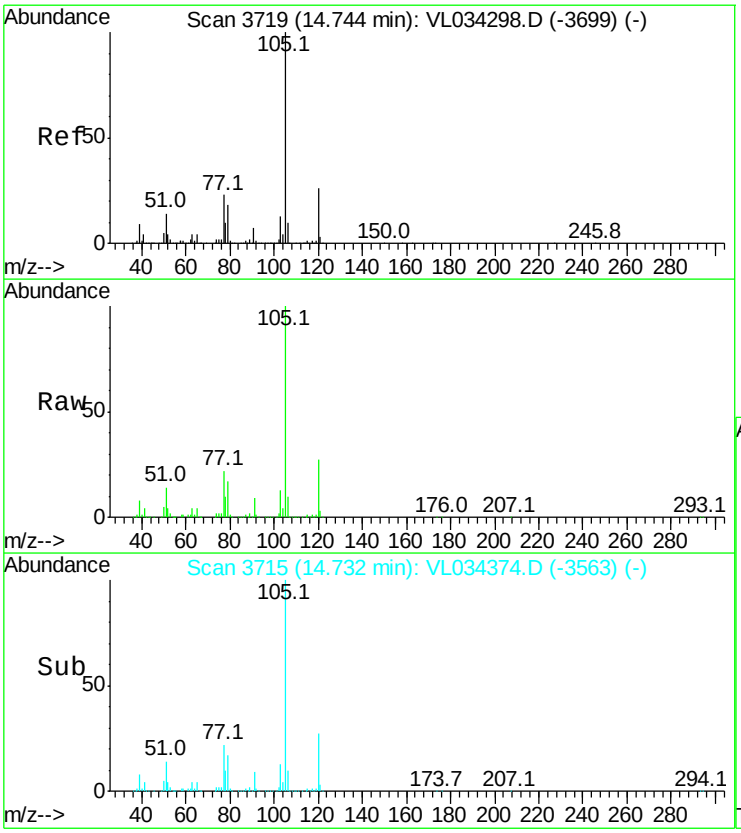
#61
Styrene
Concen: 8.555 ppbv
RT: 13.59 min Scan# 3359
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 2040767

Ion	Ratio	Lower	Upper
104	100		
78	59.5	47.8	71.8
103	48.2	39.0	58.6

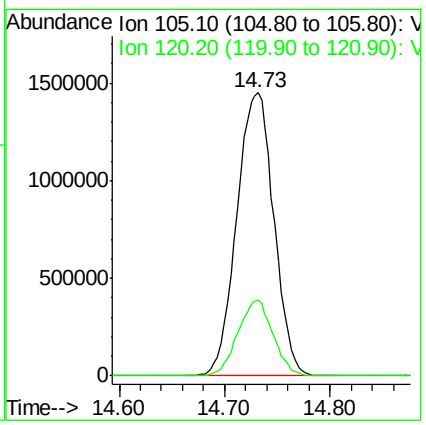


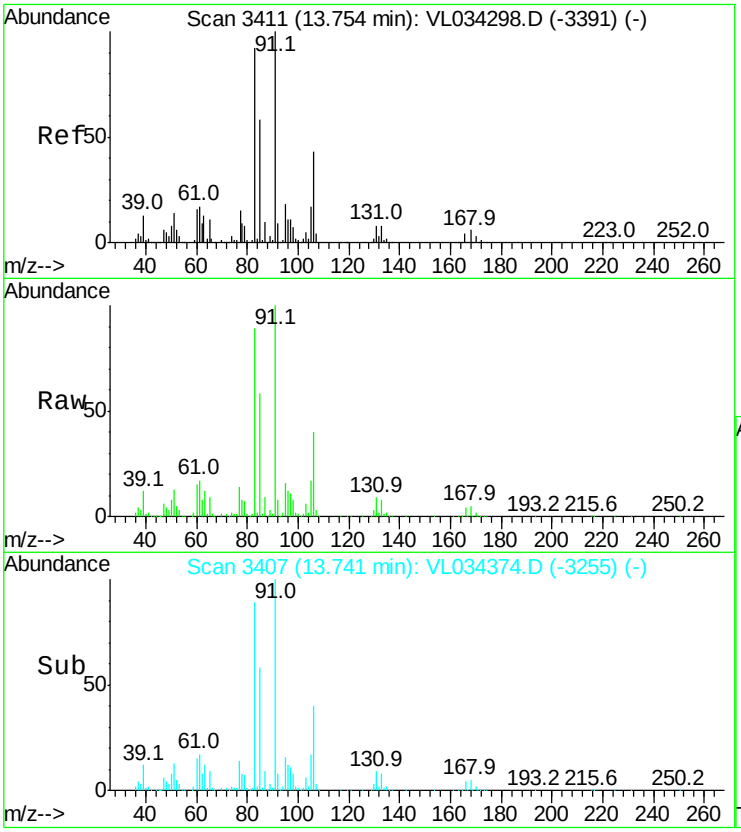


#62
Isopropylbenzene
Concen: 7.928 ppbv
RT: 14.73 min Scan# 3715
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:105 Resp: 3545761

Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.8	31.2



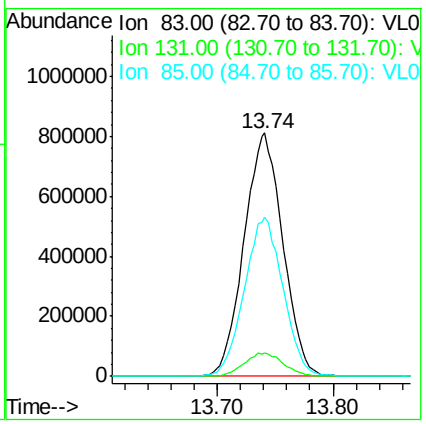


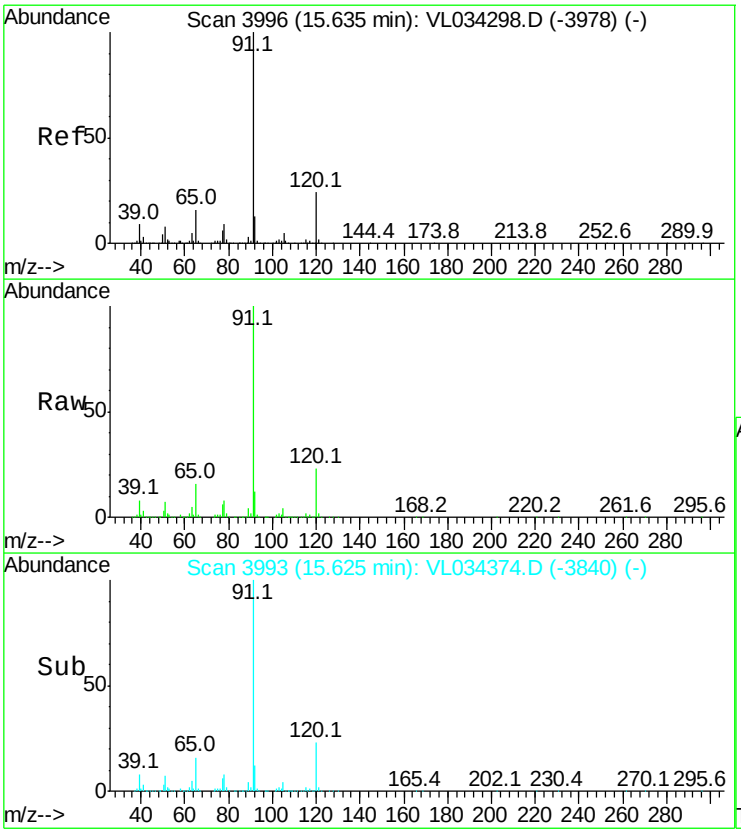
#63
1,1,2,2-Tetrachloroethane
Concen: 6.928 ppbv
RT: 13.74 min Scan# 3407
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 1886379

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.8	14.4
85	65.2	32.5	97.4

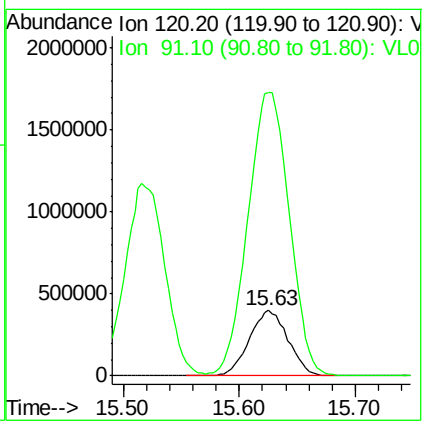


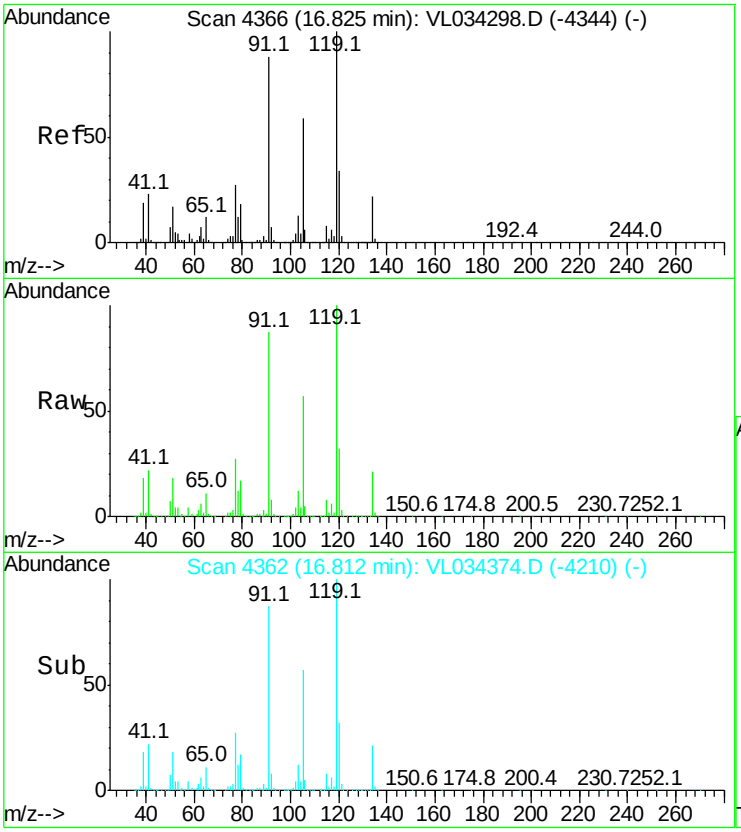


#64
n-propylbenzene
Concen: 8.084 ppbv
RT: 15.63 min Scan# 3993
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:120 Resp: 927981

Ion	Ratio	Lower	Upper
120	100		
91	463.6	374.9	562.3



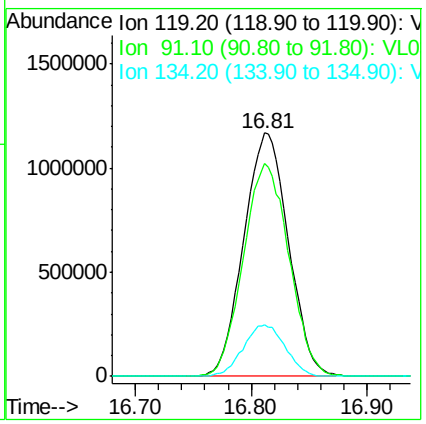


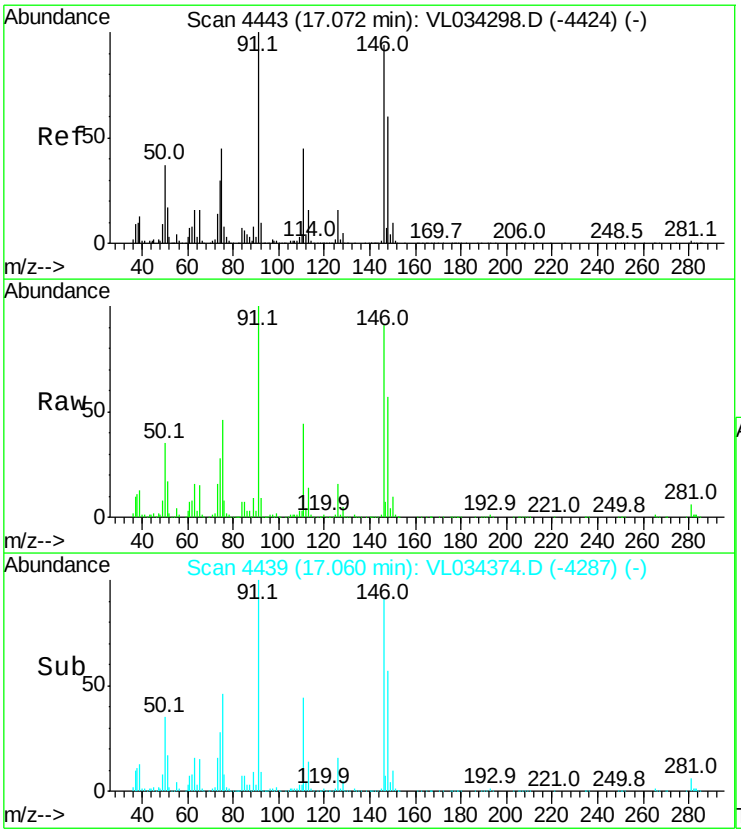
#65
tert-Butylbenzene
Concen: 7.891 ppbv
RT: 16.81 min Scan# 4362
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 3128206

Ion	Ratio	Lower	Upper
119	100		
91	89.5	71.4	107.0
134	19.9	15.9	23.9

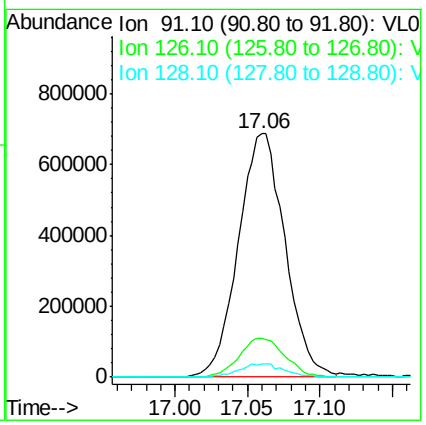


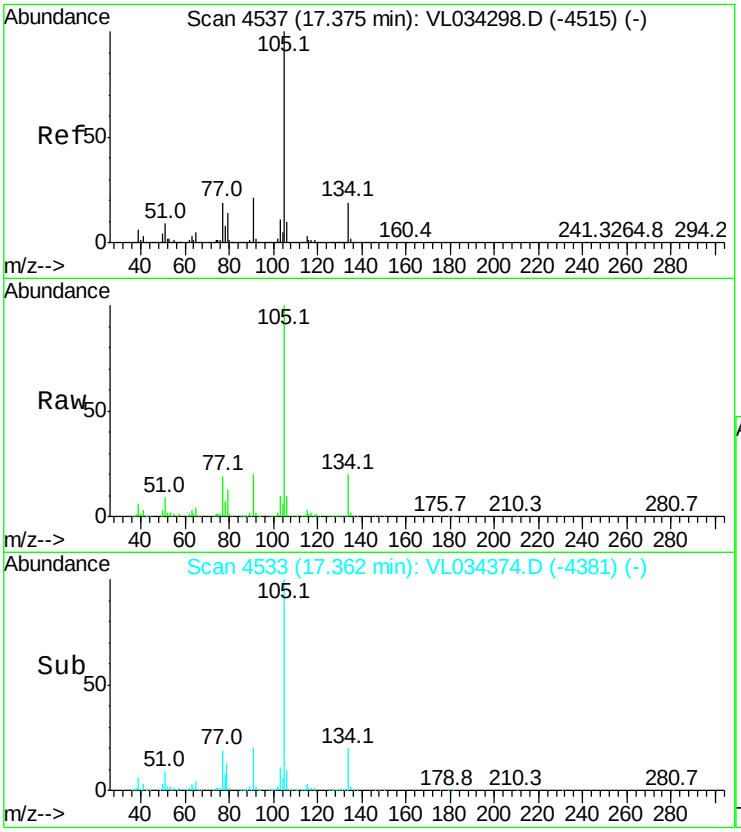


#66
Benzyl Chloride
Concen: 9.729 ppbv
RT: 17.06 min Scan# 4439
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 91 Resp: 1523315

Ion	Ratio	Lower	Upper
91	100		
126	16.1	12.9	19.3
128	5.4	4.3	6.5



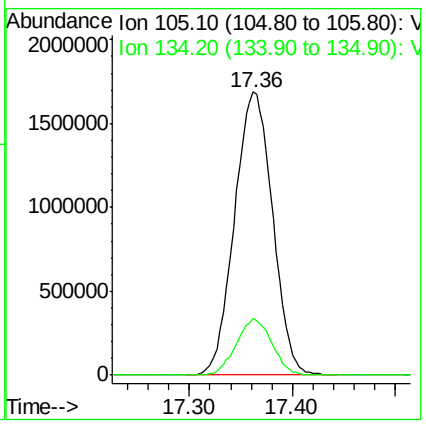


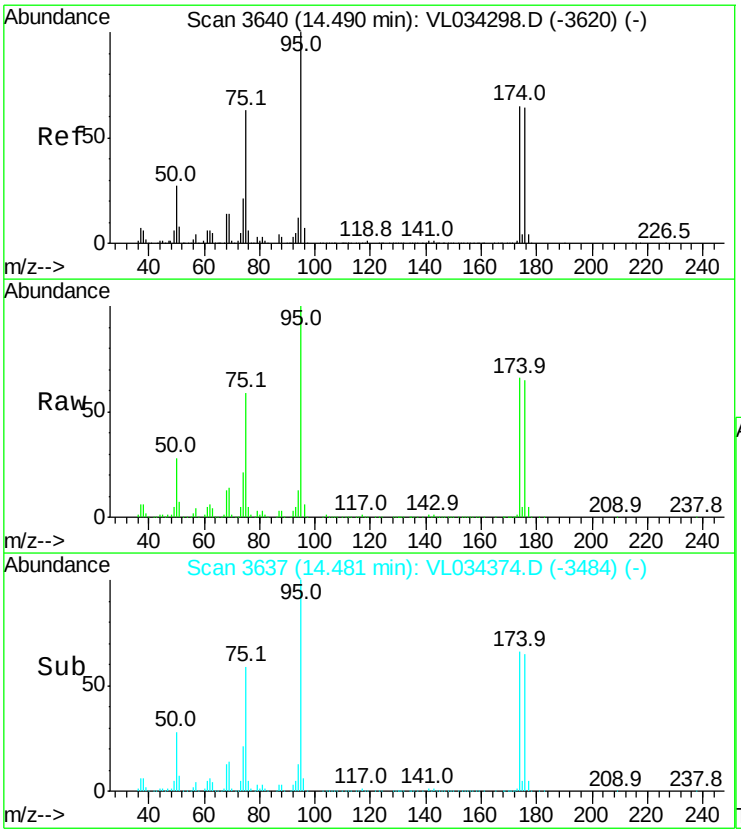
#67
sec-Butylbenzene
Concen: 7.743 ppbv
RT: 17.36 min Scan# 4533
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 4319791

Ion	Ratio	Lower	Upper
105	100		
134	18.8	15.4	23.0

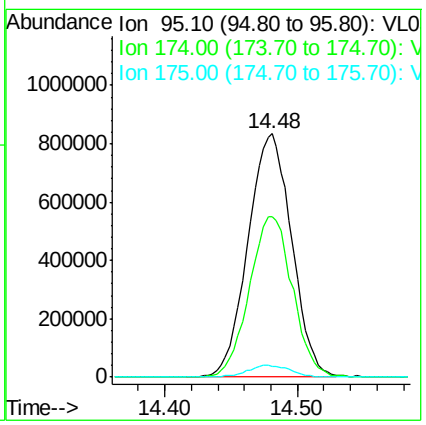


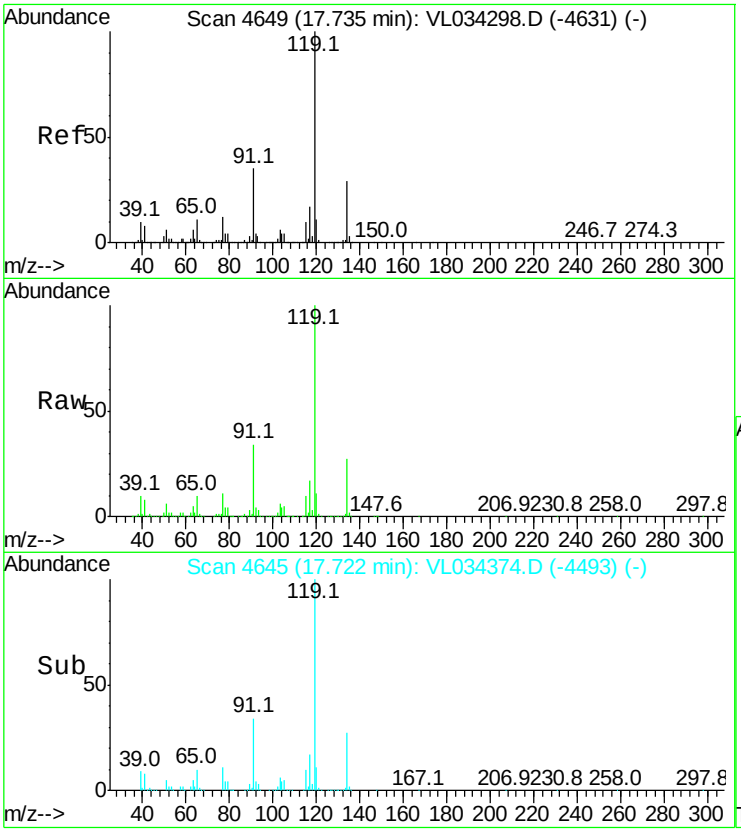


#68
1-Bromo-4-Fluorobenzene
Concen: 8.034 ppbv
RT: 14.48 min Scan# 3637
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 95 Resp: 1911448

Ion	Ratio	Lower	Upper
95	100		
174	65.2	52.6	78.8
175	4.8	3.8	5.6



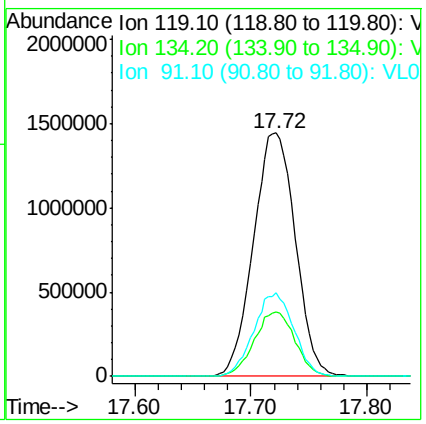


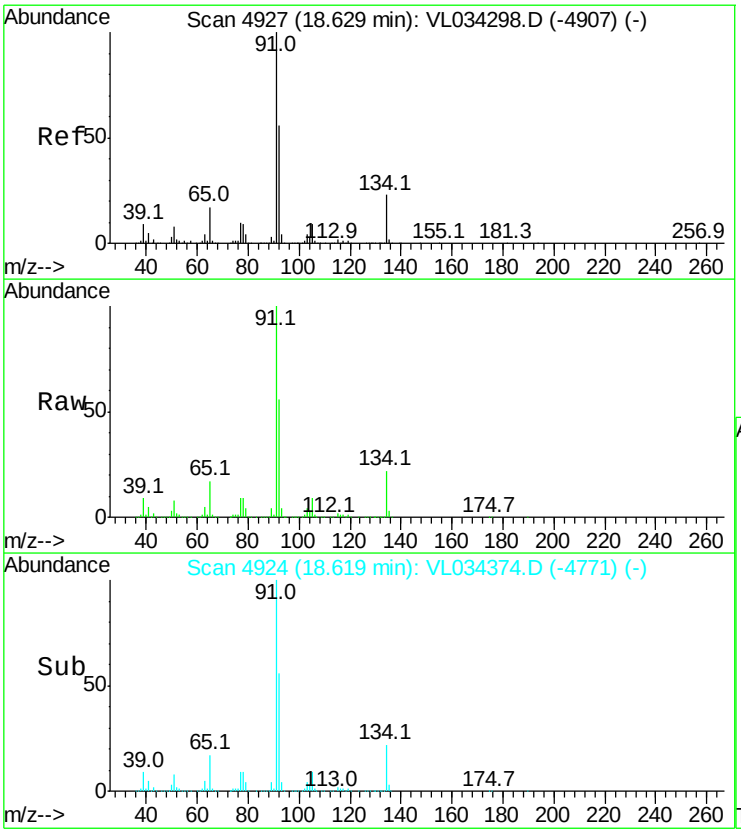
#69
p-Isopropyltoluene
Concen: 7.958 ppbv
RT: 17.72 min Scan# 4645
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:119 Resp: 3619565

Ion	Ratio	Lower	Upper
119	100		
134	25.8	21.3	31.9
91	32.9	26.6	39.8

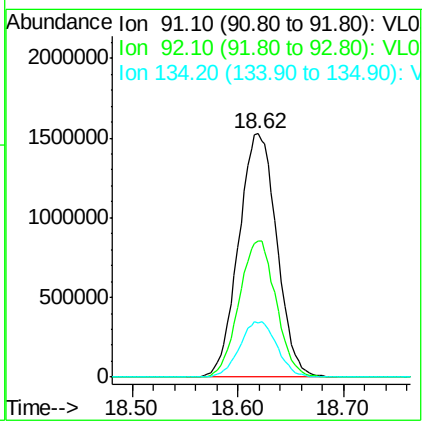


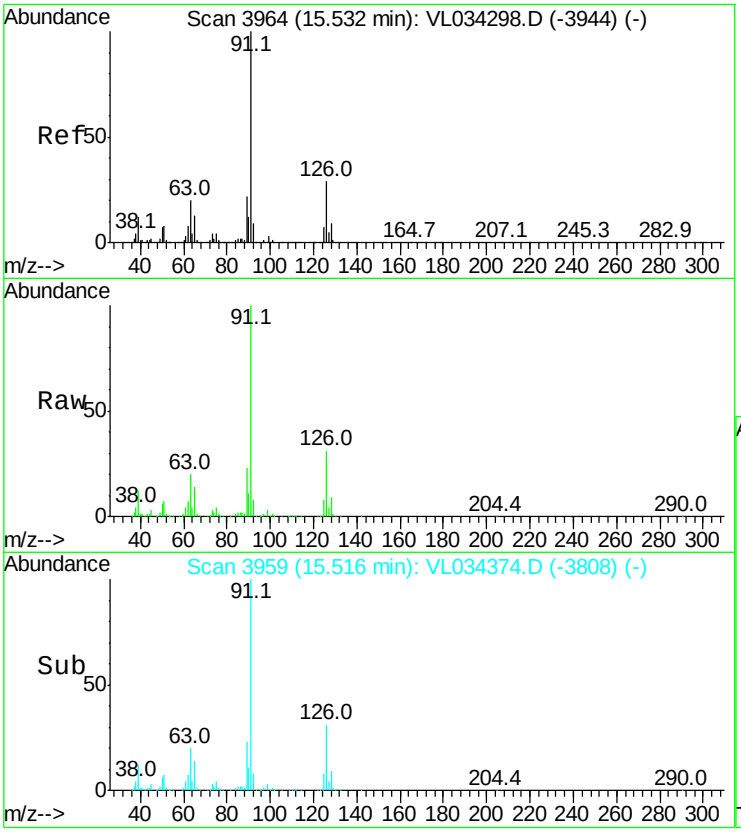


#70
n-Butylbenzene
Concen: 7.744 ppbv
RT: 18.62 min Scan# 4924
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion: 91 Resp: 3832024

Ion	Ratio	Lower	Upper
91	100		
92	54.7	44.5	66.7
134	22.4	18.2	27.2



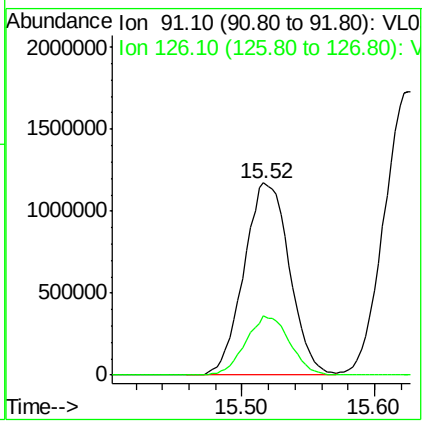


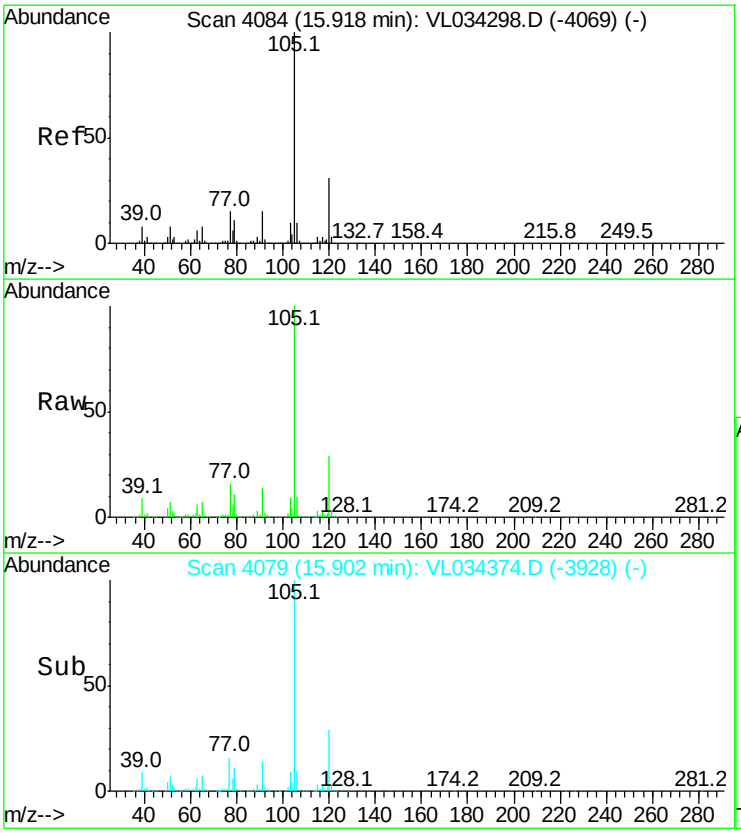
#71
2-Chlorotoluene
Concen: 8.099 ppbv
RT: 15.52 min Scan# 3959
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2808849

Ion	Ratio	Lower	Upper
91	100		
126	29.6	11.9	47.5

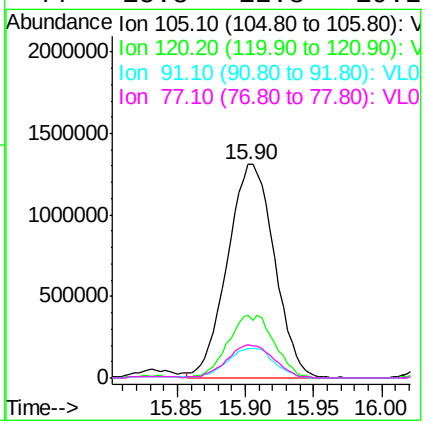


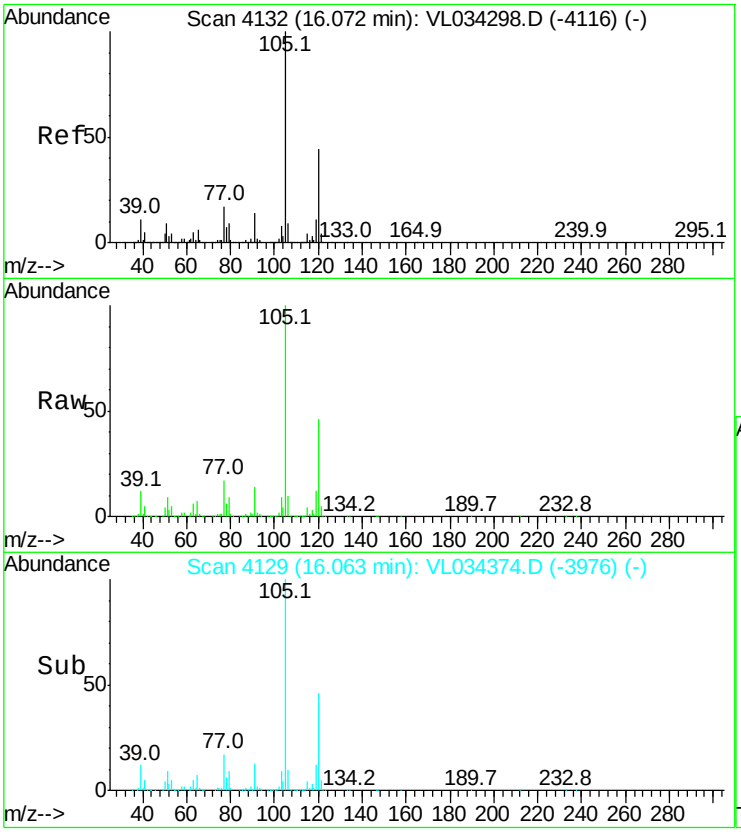


#72
4-Ethyltoluene
Concen: 8.184 ppbv
RT: 15.90 min Scan# 4079
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:105 Resp: 3116971

Ion	Ratio	Lower	Upper
105	100		
120	29.4	23.8	35.8
91	14.2	11.2	16.8
77	15.8	12.8	19.2



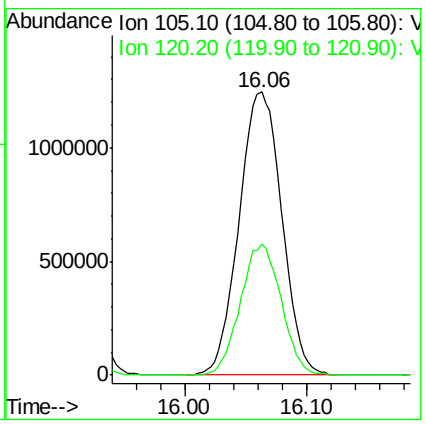


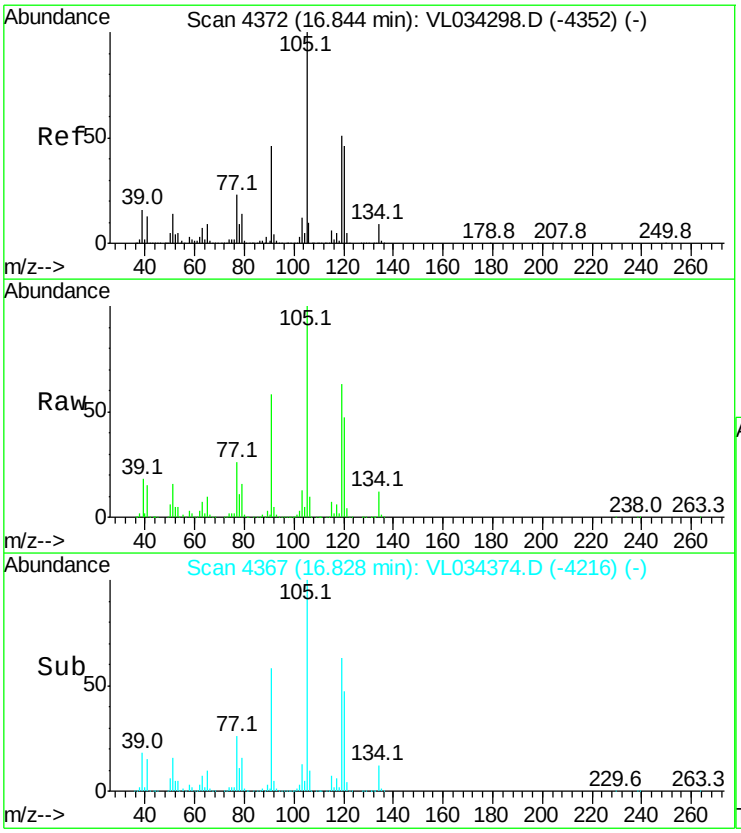
#73
1,3,5-Trimethylbenzene
Concen: 7.985 ppbv
RT: 16.06 min Scan# 4129
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:105 Resp: 3013369

Ion	Ratio	Lower	Upper
105	100		
120	46.4	35.2	52.8

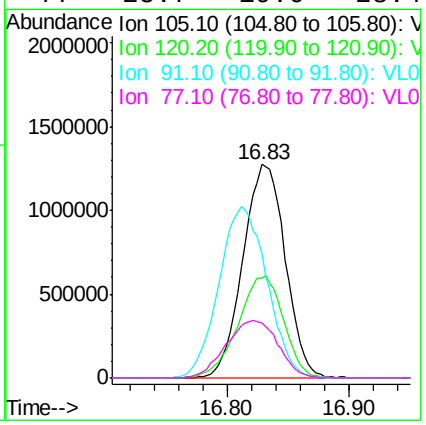


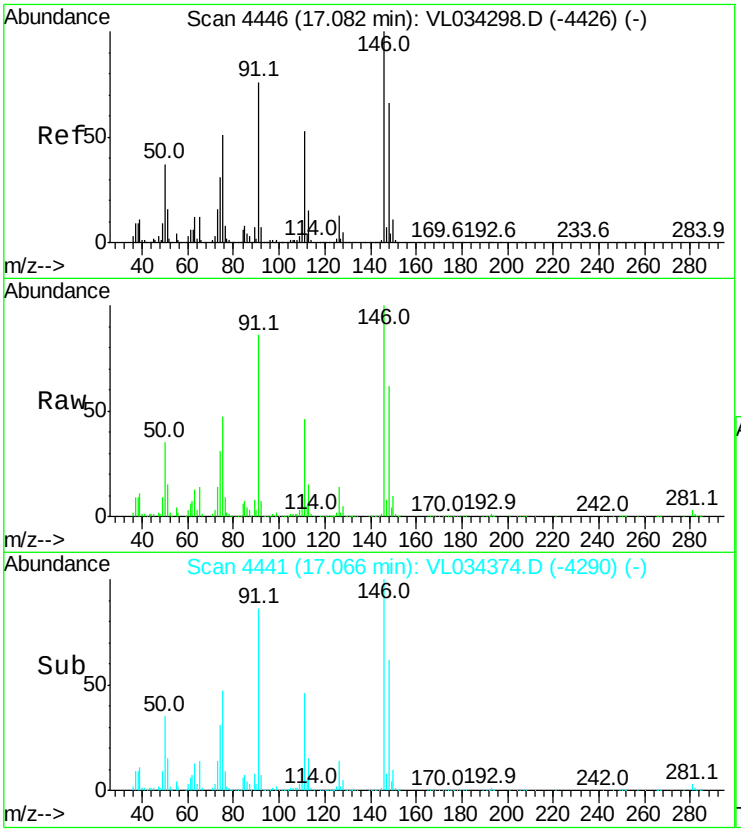


#74
1,2,4-Trimethylbenzene
Concen: 7.784 ppbv
RT: 16.83 min Scan# 4367
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:105 Resp: 3063462

Ion	Ratio	Lower	Upper
105	100		
120	46.7	37.0	55.6
91	57.9	38.2	57.2#
77	25.7	19.0	28.4



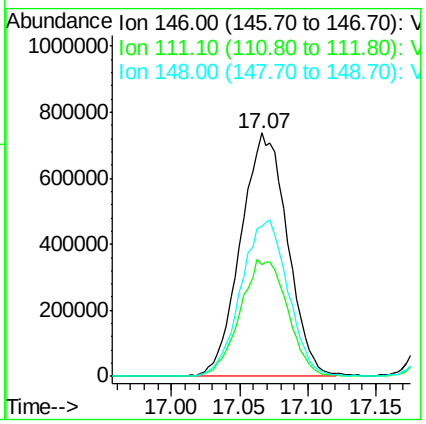


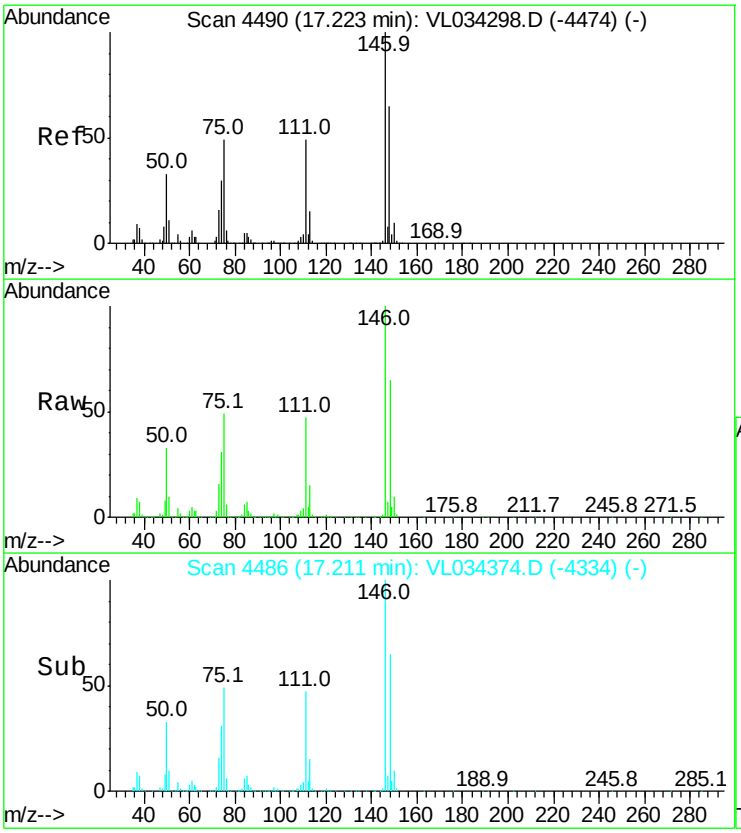
#75
1,3-Dichlorobenzene
Concen: 7.413 ppbv
RT: 17.07 min Scan# 4441
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1751571

Ion	Ratio	Lower	Upper
146	100		
111	48.9	24.5	73.5
148	64.7	32.3	96.8

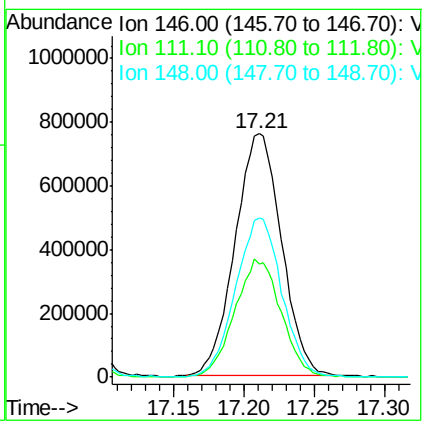


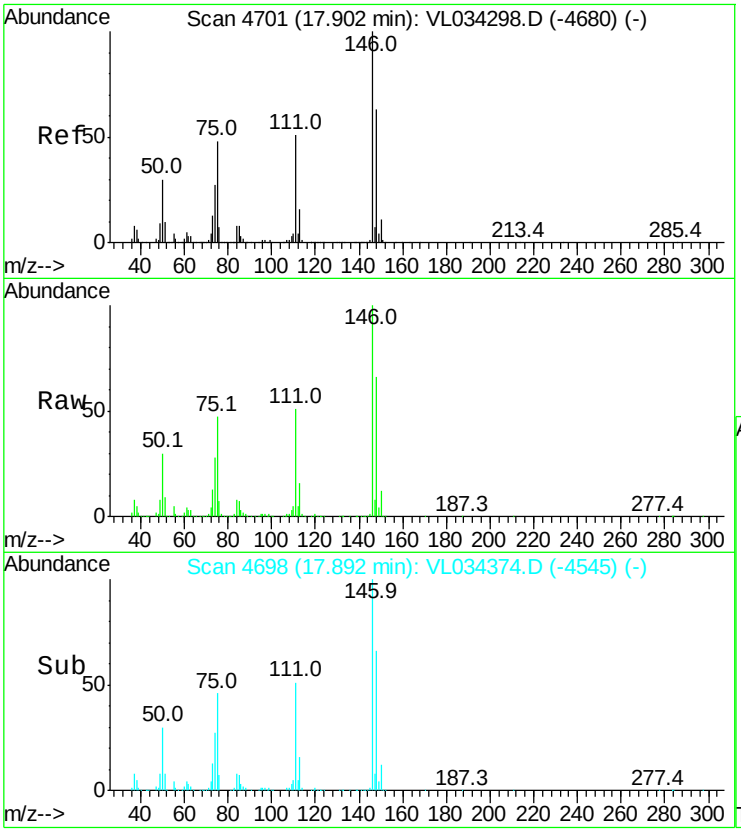


#76
1,4-Dichlorobenzene
Concen: 7.617 ppbv
RT: 17.21 min Scan# 4486
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:146 Resp: 1757986

Ion	Ratio	Lower	Upper
146	100		
111	48.2	23.9	71.7
148	65.7	33.1	99.2



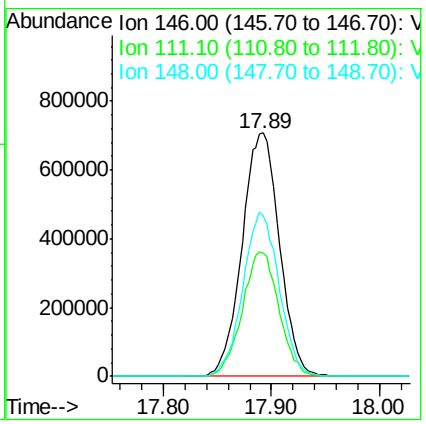


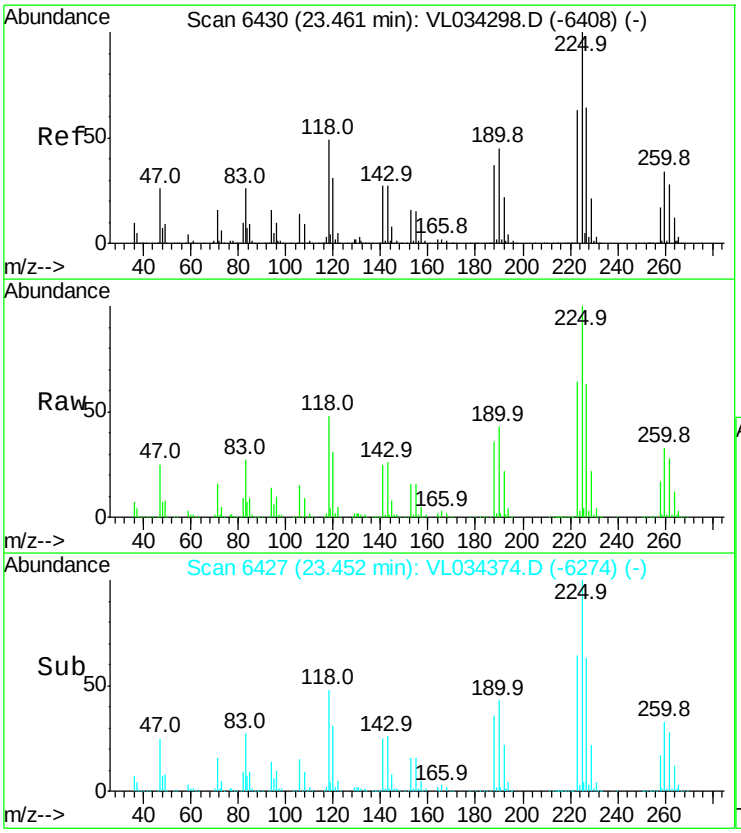
#77
1,2-Dichlorobenzene
Concen: 7.374 ppbv
RT: 17.89 min Scan# 4698
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:146 Resp: 1708186

Ion	Ratio	Lower	Upper
146	100		
111	50.0	25.1	75.3
148	65.4	32.3	96.8

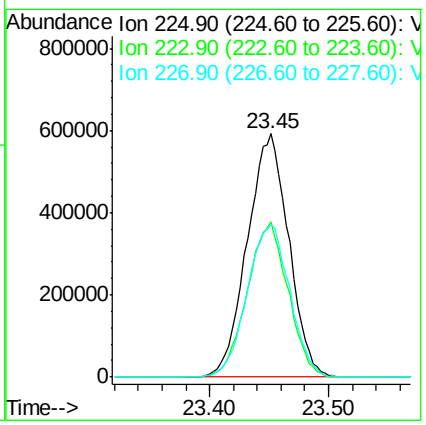


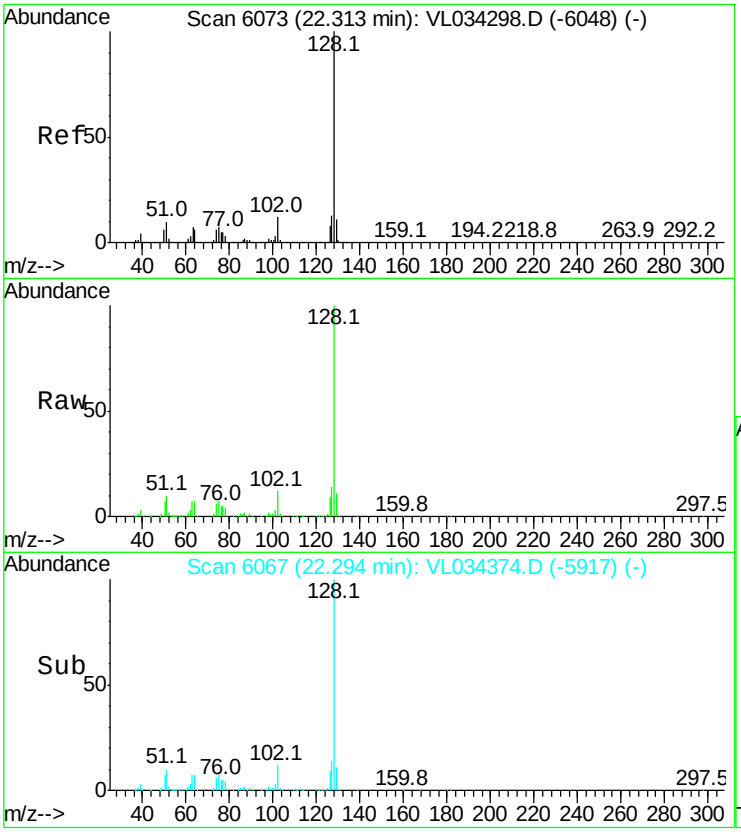


#78
Hexachloro-1,3-Butadiene
Concen: 7.444 ppbv
RT: 23.45 min Scan# 6427
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:225 Resp: 1426326

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.8	76.2
227	64.4	51.5	77.3



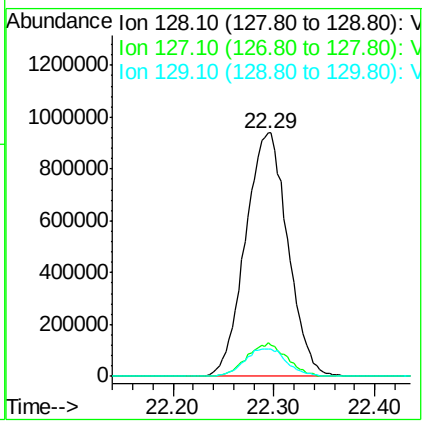


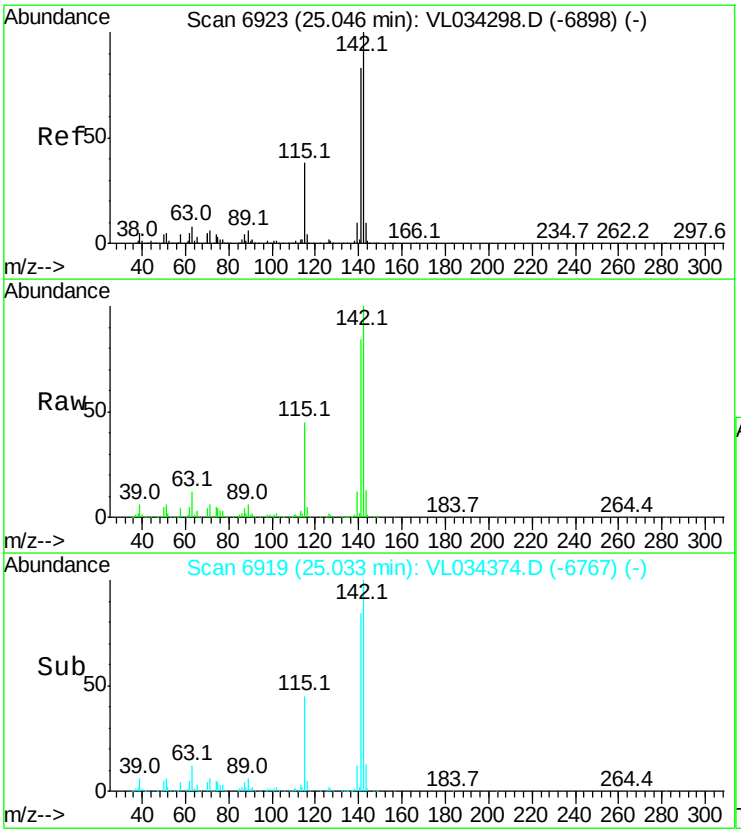
#79
Naphthalene
Concen: 9.511 ppbv
RT: 22.29 min Scan# 6067
Delta R.T. -0.02 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:128 Resp: 2734147

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.2	15.4
129	11.1	8.9	13.3

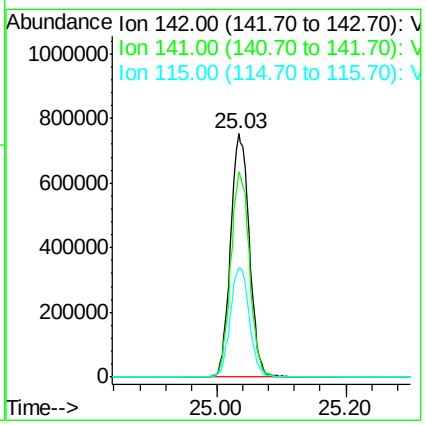


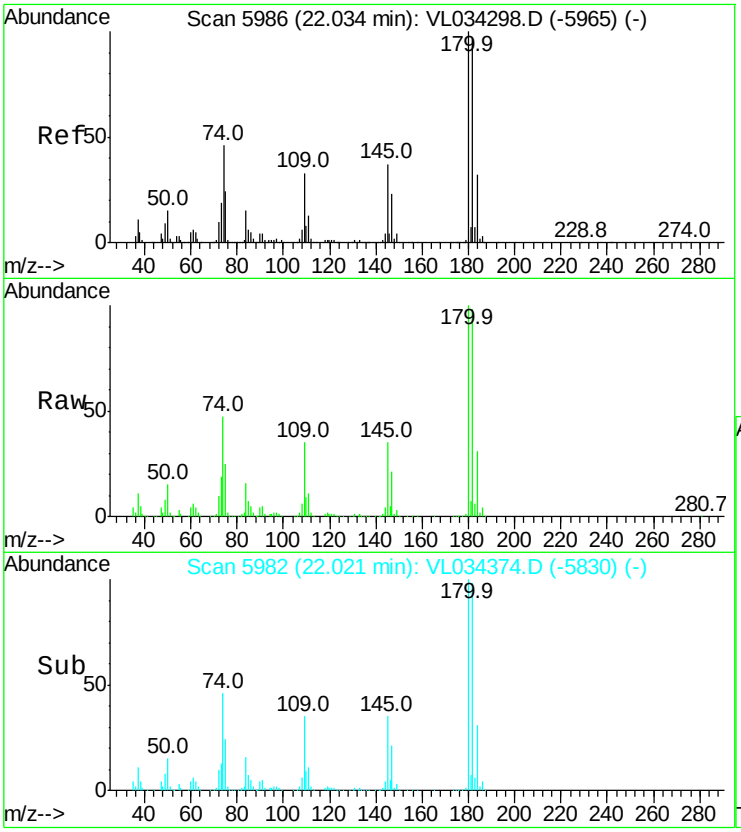


#80
Naphthalene,2-methyl-
Concen: 18.310 ppbv
RT: 25.03 min Scan# 6919
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Tgt Ion:142 Resp: 1521462

Ion	Ratio	Lower	Upper
142	100		
141	83.9	65.7	98.5
115	45.7	30.9	46.3





#81
1,2,4-Trichlorobenzene
Concen: 8.740 ppbv
RT: 22.02 min Scan# 5982
Delta R.T. -0.01 min
Lab File: VL034374.D
Acq: 19 Nov 2019 9:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:180 Resp: 1640936

Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.8	116.8
184	31.1	25.4	38.2