Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035891.D
Acq On : 6 Nov 2020 16:42
Operator : SY/AP
Sample : VSTDCCC010#2 TEST
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Nov 06 23:45:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	999399	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3905703	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.08	117	4566010	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.41	95	2679521	8.26	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 82.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	2087362	11.094	ppbv		99
3) Chlorodifluoromethane	2.97	51	1297817	10.844	ppbv		99
4) Chloromethane	3.12	50	646194	11.114	ppbv		99
5) Vinyl Chloride	3.24	62	839699	11.330	ppbv		98
6) Bromomethane	3.46	94	648245	10.875	ppbv		97
7) Chloroethane	3.54	64	311039	11.924	ppbv		99
8) Dichlorotetrafluoroethane	3.17	85	2337295	10.854	ppbv		100
9) Propene	2.99	41	490741	11.203	ppbv		96
10) Heptane	8.11	43	1424897	11.777	ppbv		87
11) Trichlorofluoromethane	3.93	101	2759960	11.682	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.47	101	2040131	11.598	ppbv		98
13) Ethanol	3.60	45	33301	3.504	ppbv	#	49
14) Bromoethene	3.72	108	898100	11.094	ppbv		100
15) Acetone	3.84	43	474478	4.441	ppbv		95
16) 1,3-Butadiene	3.31	39	618768	13.451	ppbv		83
17) tert-Butyl alcohol	4.28	59	405632	2.865	ppbv		97
18) 1,1-Dichloroethene	4.28	96	939039	11.627	ppbv		95
19) Isopropyl Alcohol	3.96	45	162211	2.470	ppbv	#	98
20) Methylene Chloride	4.33	84	757982	10.077	ppbv		98
21) Allyl Chloride	4.40	41	645713	11.175	ppbv		97
22) trans-1,2-Dichloroethene	4.87	96	956644	11.684	ppbv		97
23) Vinyl Acetate	5.06	43	1459166	9.743	ppbv		99
24) 1,1-Dichloroethane	5.00	63	1584107	11.102	ppbv		99
25) Ethyl Acetate	5.67	43	1660277	7.888	ppbv	#	94
26) Hexane	5.67	57	1296192	11.166	ppbv	#	76
27) Carbon Disulfide	4.54	76	2030411	11.673	ppbv		100
28) Methyl tert-Butyl Ether	5.02	73	1702924	8.169	ppbv		100
29) Chloroform	5.74	83	2535982	11.115	ppbv		99
30) Cyclohexane	7.12	84	1384517	10.951	ppbv		99
31) cis-1,2-Dichloroethene	5.54	61	1377990	11.539	ppbv		100
32) 1,1,1-Trichloroethane	6.50	97	2513016	10.555	ppbv		99
34) 2-Butanone	5.23	43	532375	4.200	ppbv		97
35) Carbon Tetrachloride	7.01	117	2530261	12.125	ppbv		99
36) Benzene	6.88	78	3226717	11.113	ppbv		99
37) 1,2-Dichloroethane	6.29	62	1566277	11.907	ppbv		99
38) Trichloroethene	7.83	130	1484737	10.469	ppbv		98
39) 1,2-Dichloropropane	7.60	63	1111821	11.373	ppbv		99
40) 1,4-Dioxane	7.84	88	97926	2.114	ppbv	#	1
41) Tetrahydrofuran	6.05	42	172023	2.389	ppbv		98
42) Bromodichloromethane	7.78	83	2589245	11.665	ppbv		100
43) Methyl Methacrylate	8.01	69	712236	6.431	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035891.D
Acq On : 6 Nov 2020 16:42
Operator : SY/AP
Sample : VSTDCCC010#2 TEST
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Nov 06 23:45:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	4323390	11.252	ppbv		98
45) t-1,3-Dichloropropene	9.27	75	662017	5.639	ppbv		98
46) cis-1,3-Dichloropropene	8.69	75	871223	5.859	ppbv		99
47) 1,1,2-Trichloroethane	9.46	97	1442508	10.829	ppbv		99
48) Dibromochloromethane	10.29	129	2322363	11.412	ppbv		100
49) Bromoform	13.03	173	1757620	10.236	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	550536	2.840	ppbv		97
51) 2-Hexanone	10.13	43	169348	1.088	ppbv	#	95
52) Tetrachloroethene	11.21	164	1410328	10.252	ppbv		97
53) Toluene	9.79	91	3905917	11.148	ppbv		100
54) 1,2-Dibromoethane	10.60	107	2068937	10.213	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.12	131	1514627	7.391	ppbv		99
57) Chlorobenzene	12.14	112	3044065	8.385	ppbv		99
58) Ethyl Benzene	12.70	91	4819290	8.666	ppbv		99
59) m/p-Xylene	12.99	91	4600082	9.777	ppbv	#	46
60) o-Xylene	13.68	91	3867571	8.450	ppbv		99
61) Styrene	13.52	104	2068481	6.168	ppbv		99
62) Isopropylbenzene	14.66	105	4876895	6.779	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.67	83	2583456	7.285	ppbv		100
64) n-propylbenzene	15.55	120	1357219	6.527	ppbv		92
65) tert-Butylbenzene	16.74	119	4304079	6.573	ppbv		99
66) Benzyl Chloride	16.98	91	174300	0.805	ppbv		99
67) sec-Butylbenzene	17.29	105	5659410	6.414	ppbv		98
69) p-Isopropyltoluene	17.64	119	4682292	6.430	ppbv		98
70) n-Butylbenzene	18.54	91	4312979	6.150	ppbv		98
71) 2-Chlorotoluene	15.44	91	3643737	6.925	ppbv		98
72) 4-Ethyltoluene	15.83	105	4537979	8.175	ppbv		100
73) 1,3,5-Trimethylbenzene	15.99	105	3958696	7.793	ppbv		99
74) 1,2,4-Trimethylbenzene	16.76	105	4134068	7.595	ppbv		92
75) 1,3-Dichlorobenzene	16.99	146	2719193	7.846	ppbv		100
76) 1,4-Dichlorobenzene	17.13	146	2621594	7.841	ppbv		99
77) 1,2-Dichlorobenzene	17.81	146	2436251	7.211	ppbv		100
78) Hexachloro-1,3-Butadiene	23.37	225	1310880	8.316	ppbv		99
79) Naphthalene	22.19	128	2122369	5.593	ppbv		99
80) Naphthalene,2-methyl-	24.97	142	910576	14.725	ppbv		98
81) 1,2,4-Trichlorobenzene	21.92	180	1588455	7.493	ppbv		99

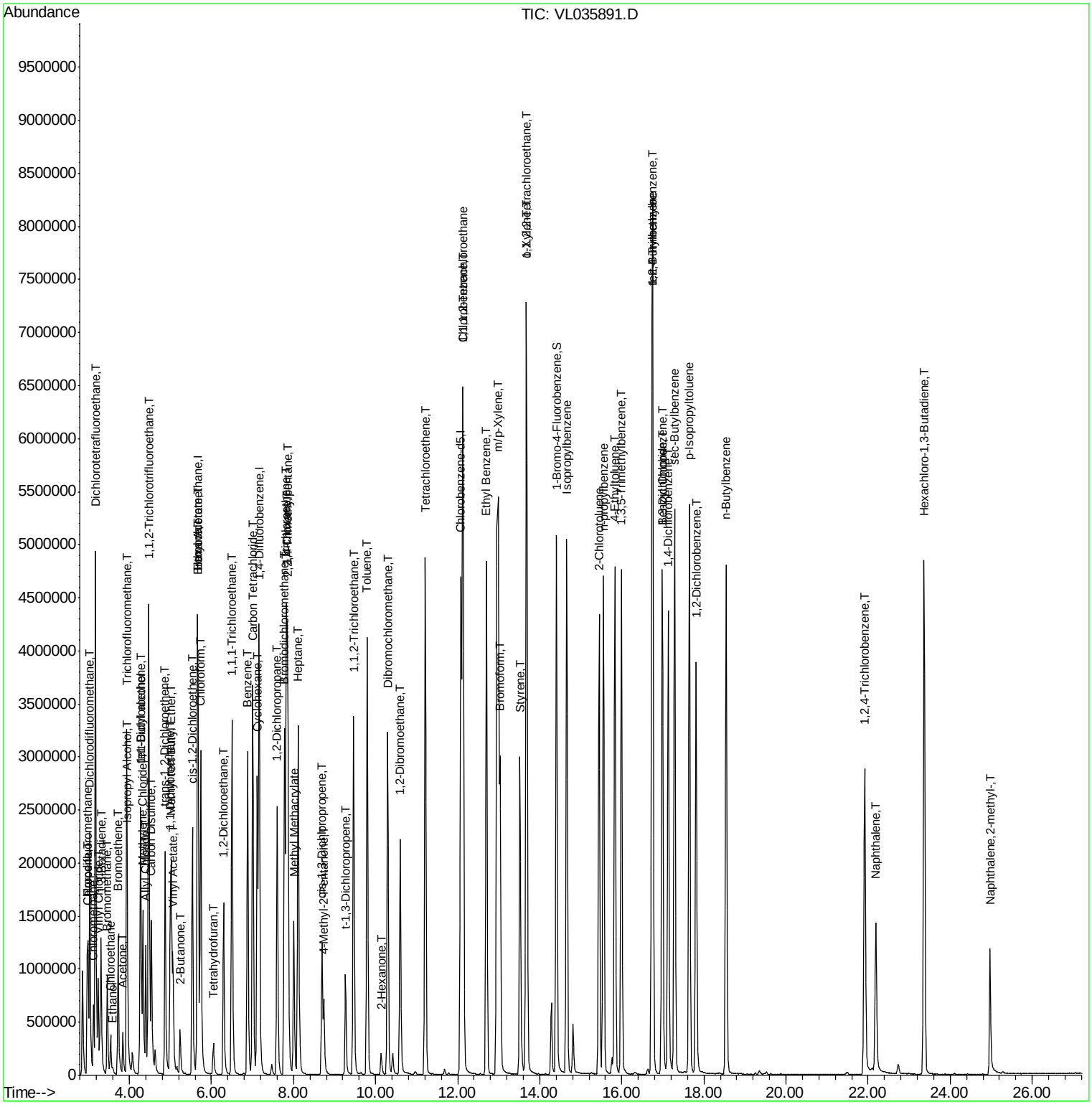
(#) = qualifier out of range (m) = manual integration (+) = signals summed

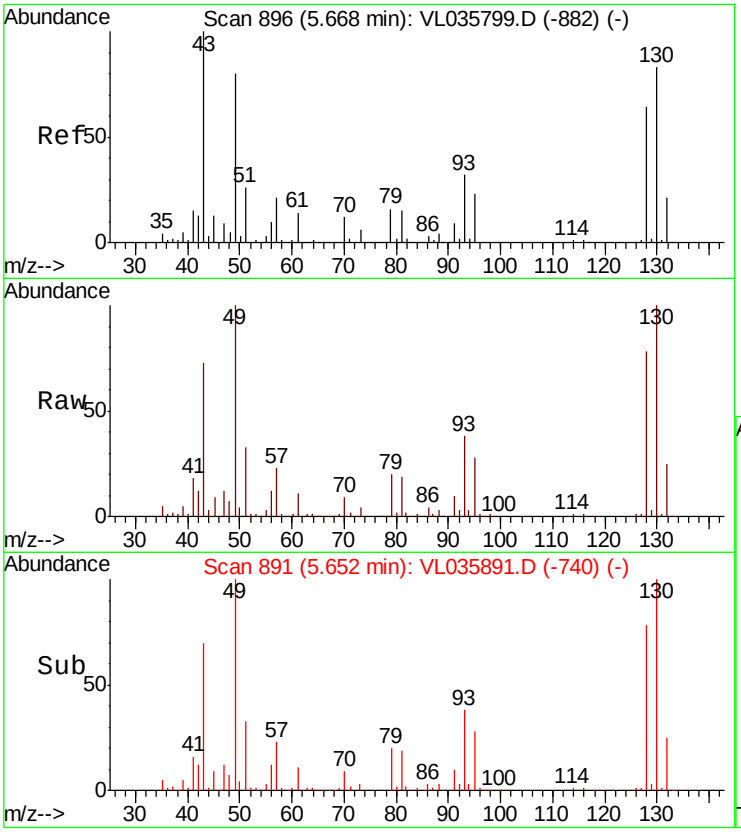
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035891.D
Acq On : 6 Nov 2020 16:42
Operator : SY/AP
Sample : VSTDCCC010#2 TEST
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BFB

Quant Time: Nov 06 23:45:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



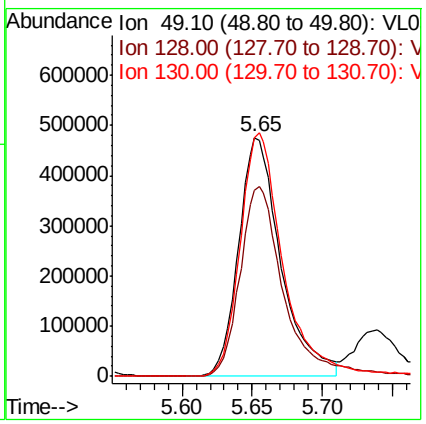


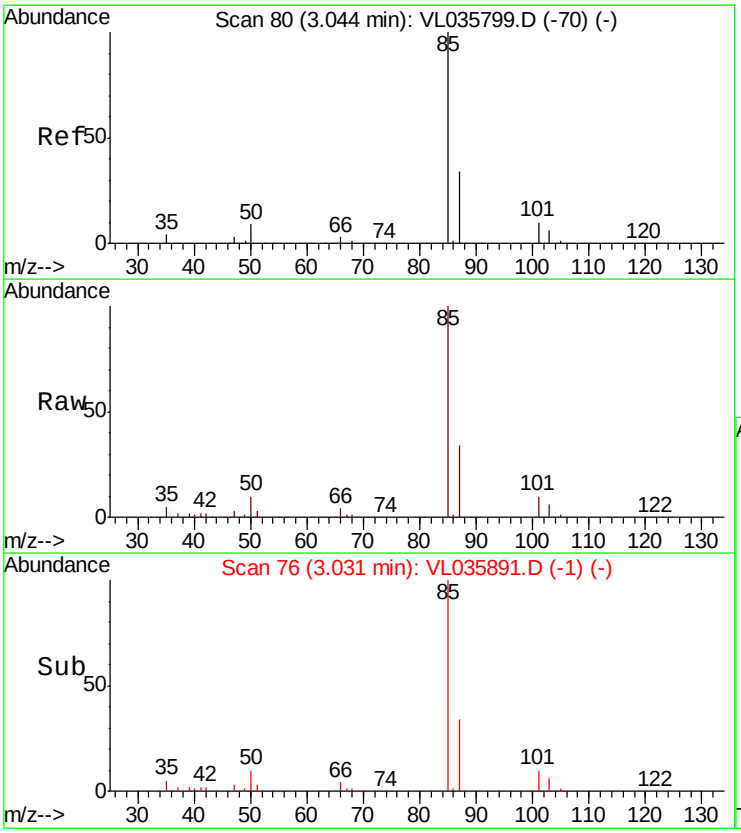
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 49 Resp: 999399

Ion	Ratio	Lower	Upper
49	100		
128	83.7	41.5	124.6
130	105.9	53.7	161.1

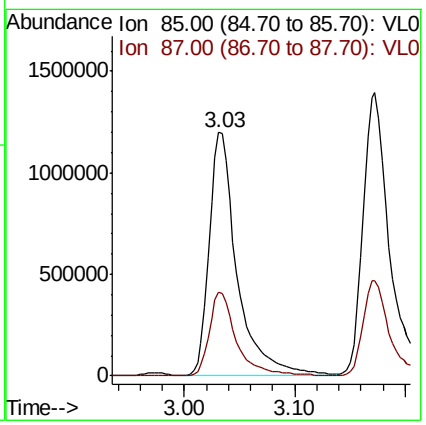


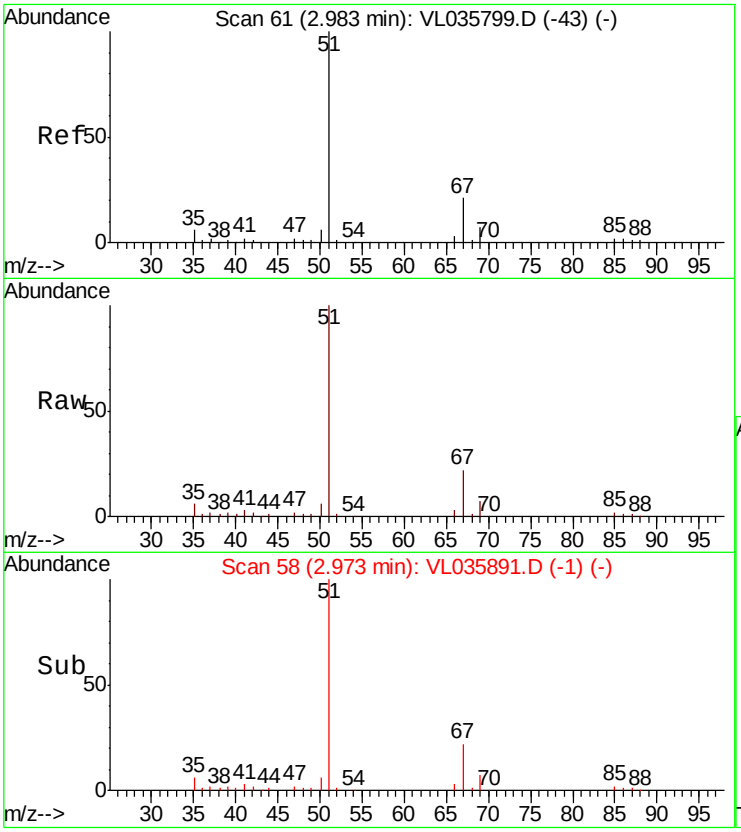


#2
Dichlorodifluoromethane
Concen: 11.094 ppbv
RT: 3.03 min Scan# 76
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 85 Resp: 2087362

Ion	Ratio	Lower	Upper
85	100		
87	34.4	27.1	40.7



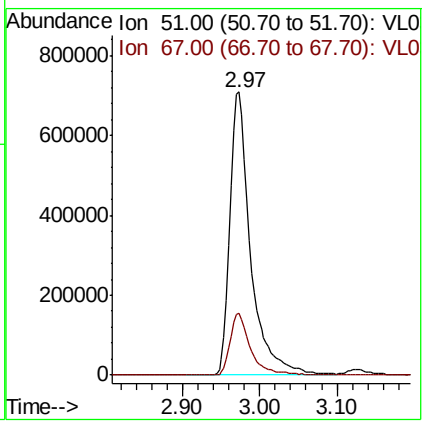


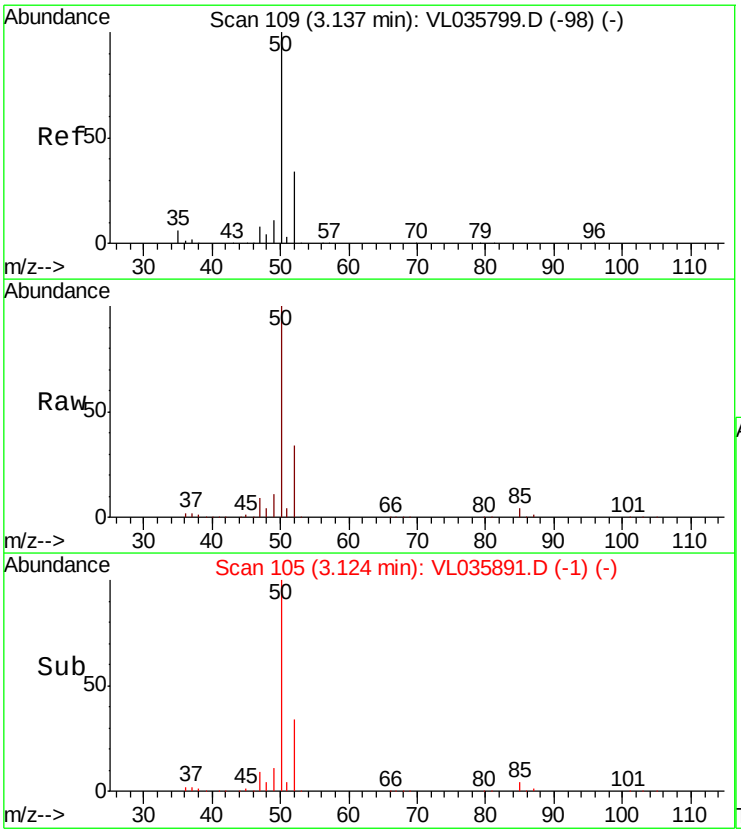
#3
Chlorodifluoromethane
Concen: 10.844 ppbv
RT: 2.97 min Scan# 58
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 51 Resp: 1297817

Ion	Ratio	Lower	Upper
51	100		
67	21.7	17.0	25.4

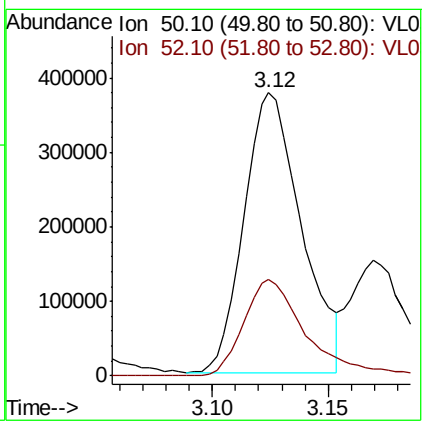


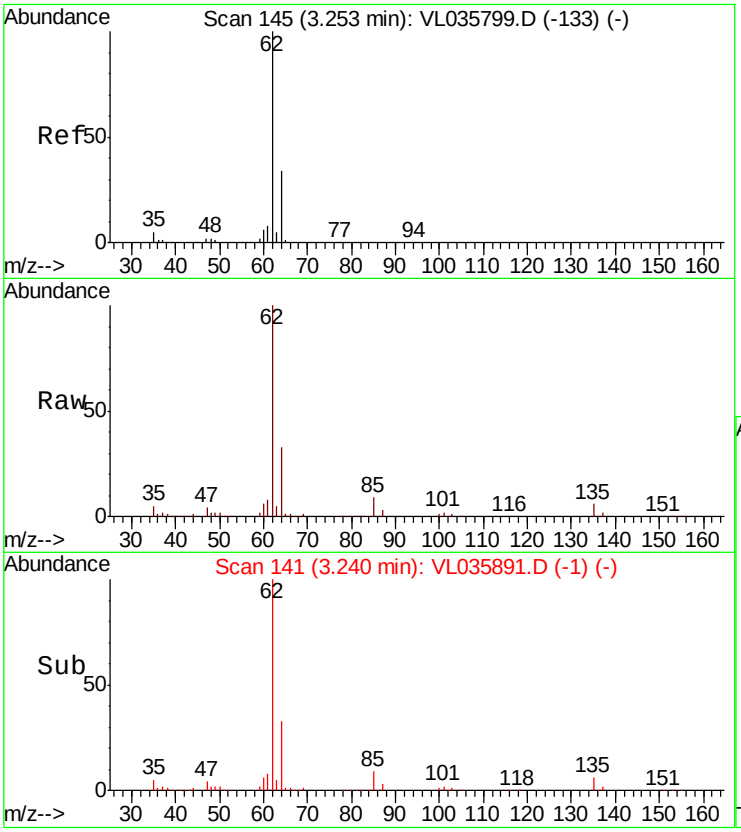


#4
Chloromethane
Concen: 11.114 ppbv
RT: 3.12 min Scan# 105
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 50 Resp: 646194

Ion	Ratio	Lower	Upper
50	100		
52	34.4	27.1	40.7



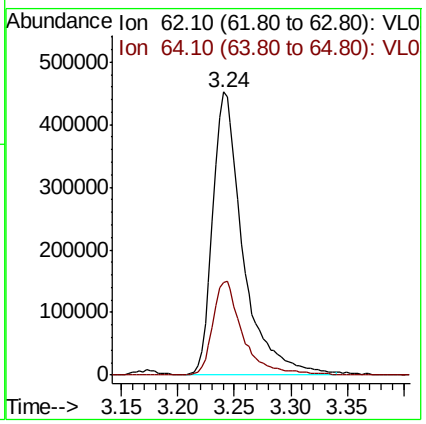


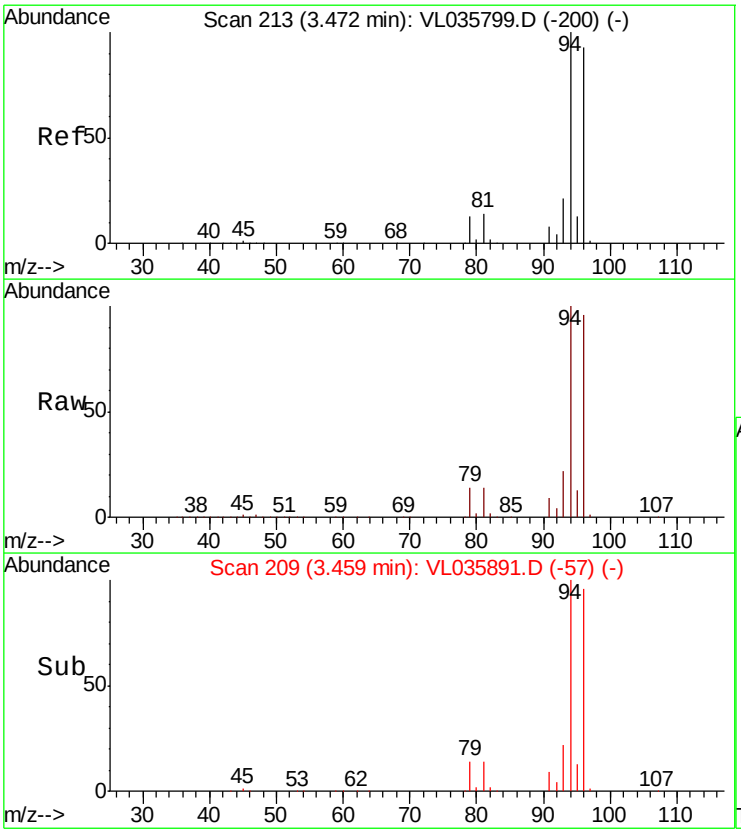
#5
Vinyl Chloride
Concen: 11.330 ppbv
RT: 3.24 min Scan# 141
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 62 Resp: 839699

Ion	Ratio	Lower	Upper
62	100		
64	32.7	26.9	40.3

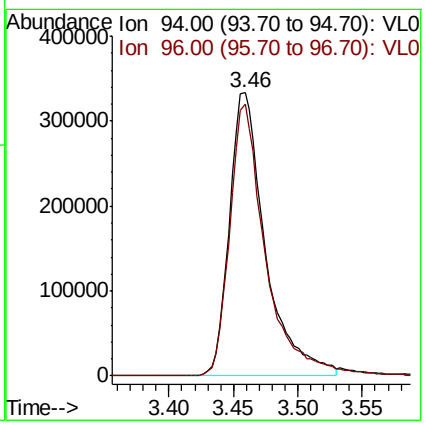


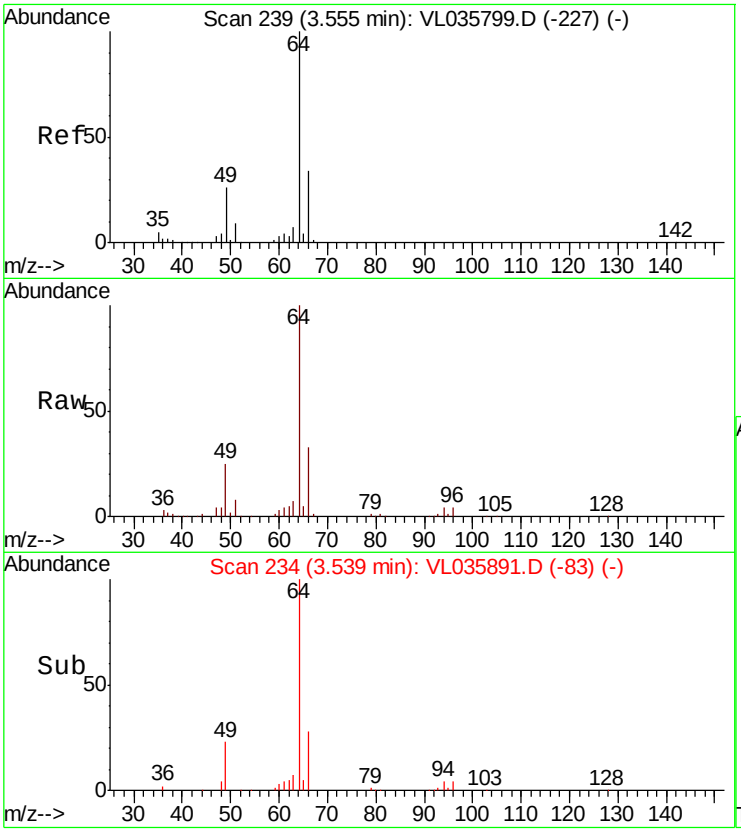


#6
Bromomethane
Concen: 10.875 ppbv
RT: 3.46 min Scan# 209
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 94 Resp: 648245

Ion	Ratio	Lower	Upper
94	100		
96	95.9	74.6	111.8



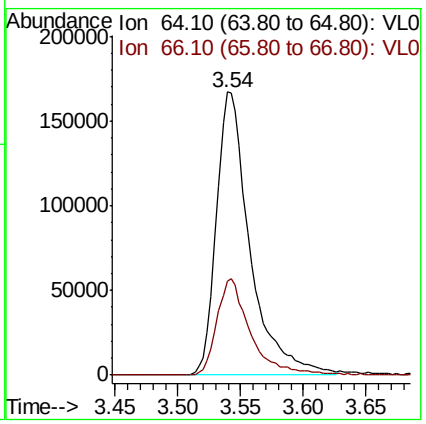


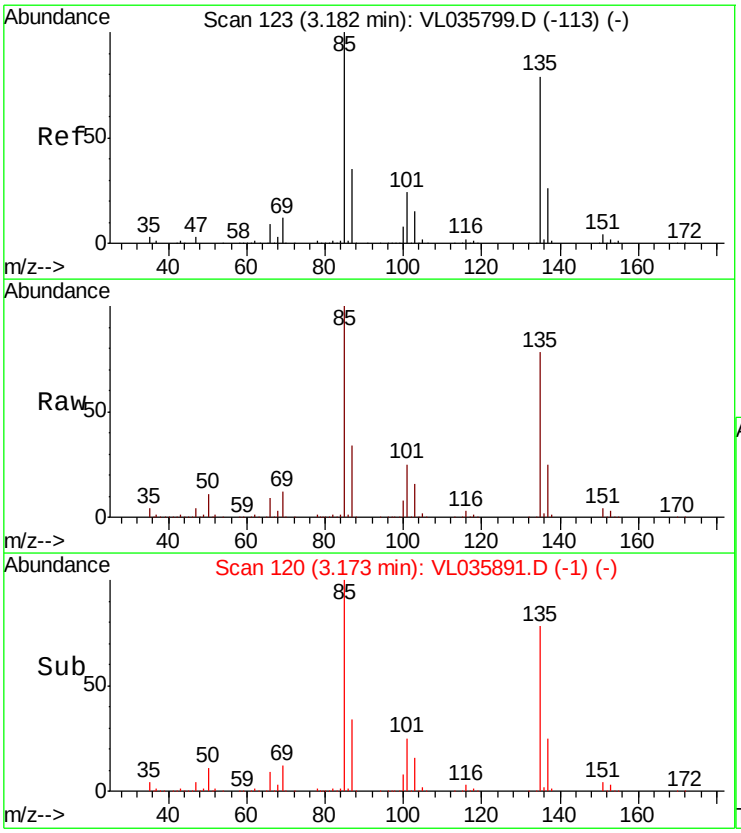
#7
Chloroethane
Concen: 11.924 ppbv
RT: 3.54 min Scan# 234
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 64 Resp: 311039

Ion	Ratio	Lower	Upper
64	100		
66	33.3	27.0	40.6

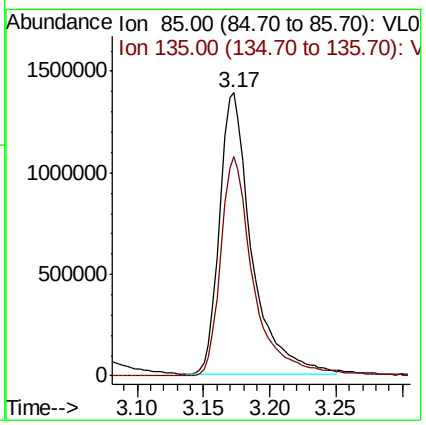


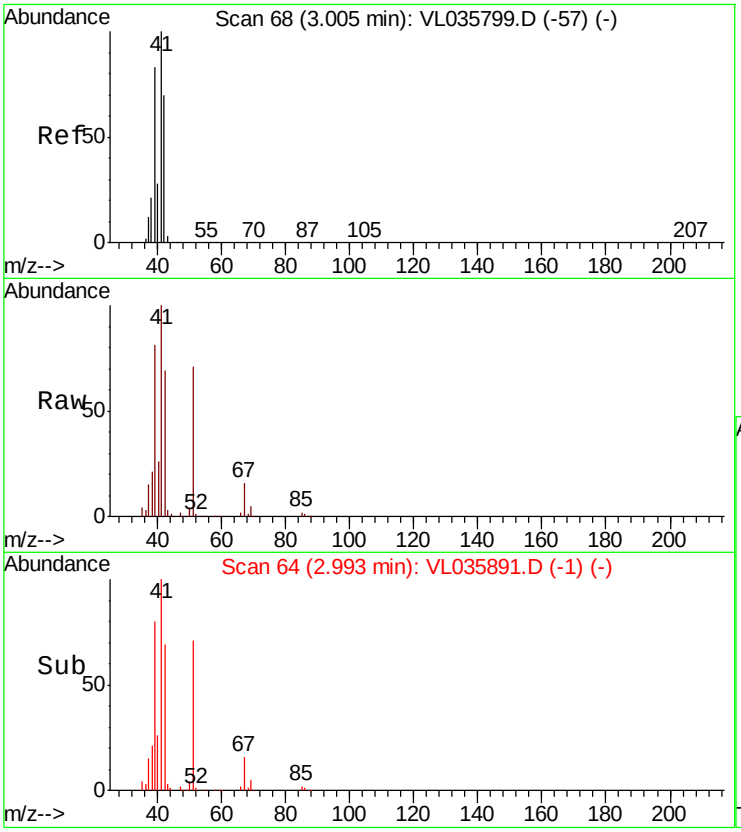


#8
Dichlorotetrafluoroethane
Concen: 10.854 ppbv
RT: 3.17 min Scan# 120
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 85 Resp: 2337295

Ion	Ratio	Lower	Upper
85	100		
135	80.9	64.6	96.8



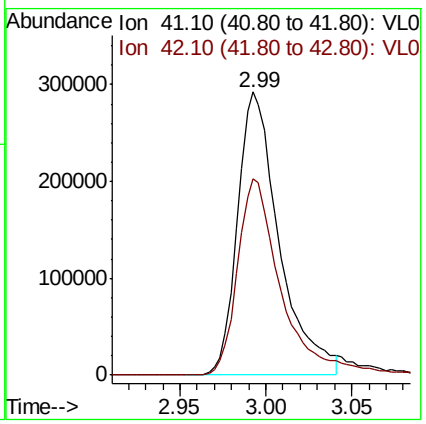


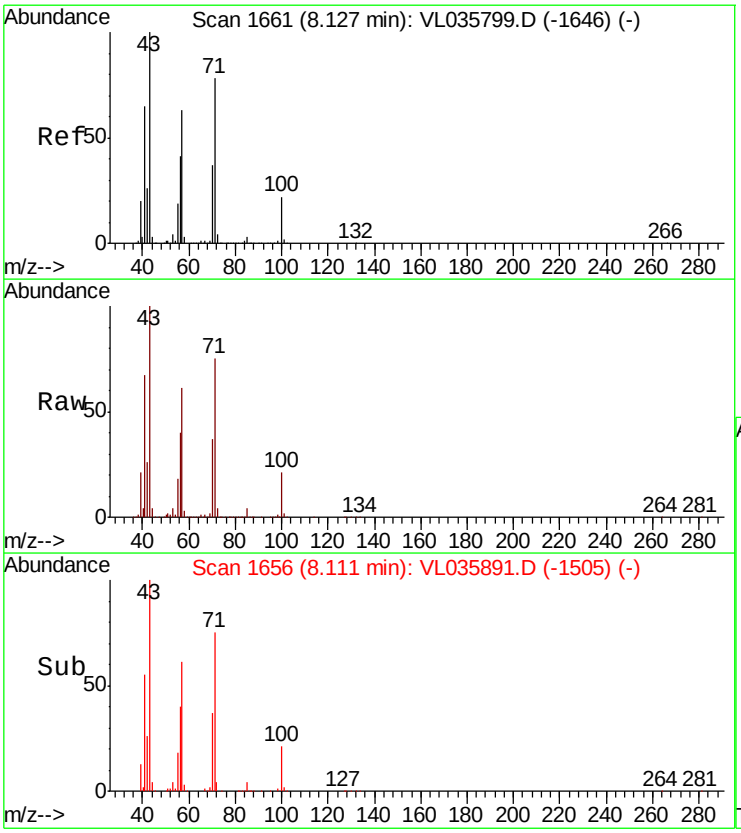
#9
Propene
Concen: 11.203 ppbv
RT: 2.99 min Scan# 64
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 41 Resp: 490741

Ion	Ratio	Lower	Upper
41	100		
42	73.2	56.2	84.4

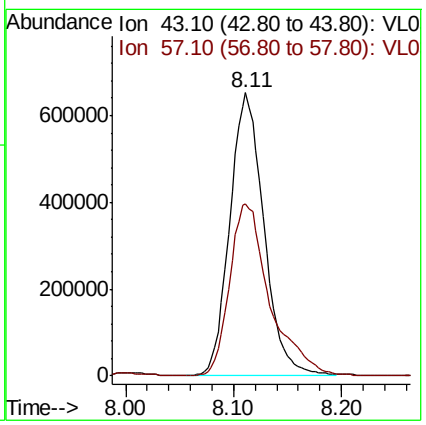


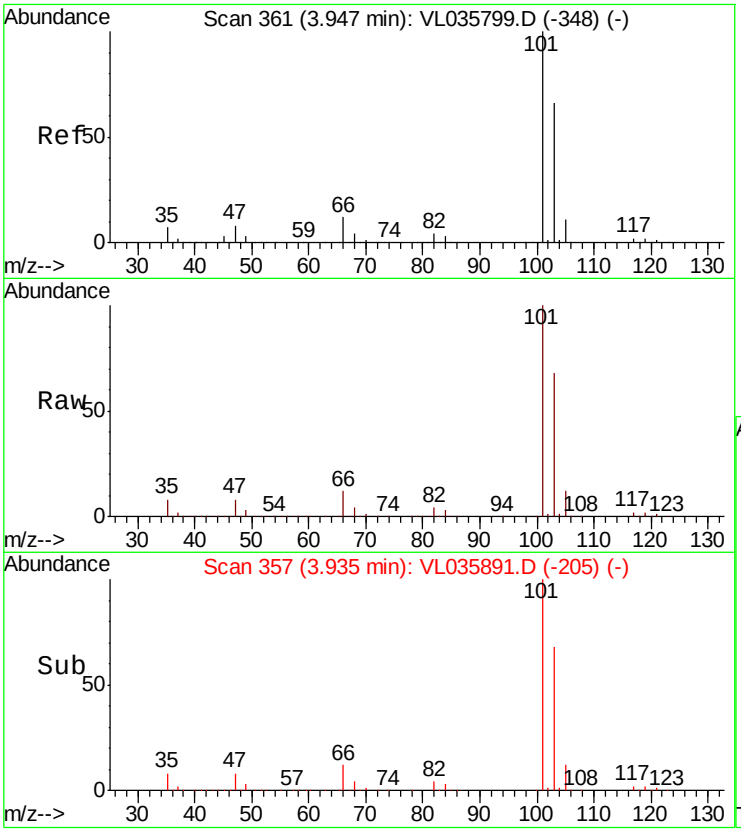


#10
Heptane
Concen: 11.777 ppbv
RT: 8.11 min Scan# 1656
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 43 Resp: 1424897

Ion	Ratio	Lower	Upper
43	100		
57	72.5	50.0	75.0



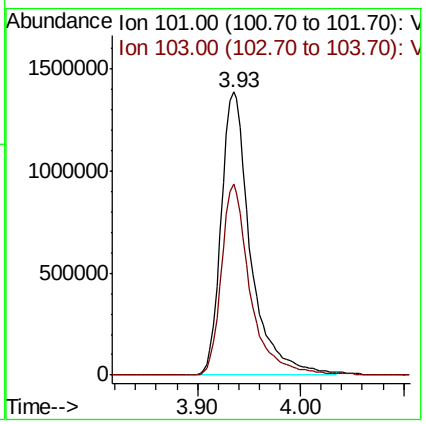


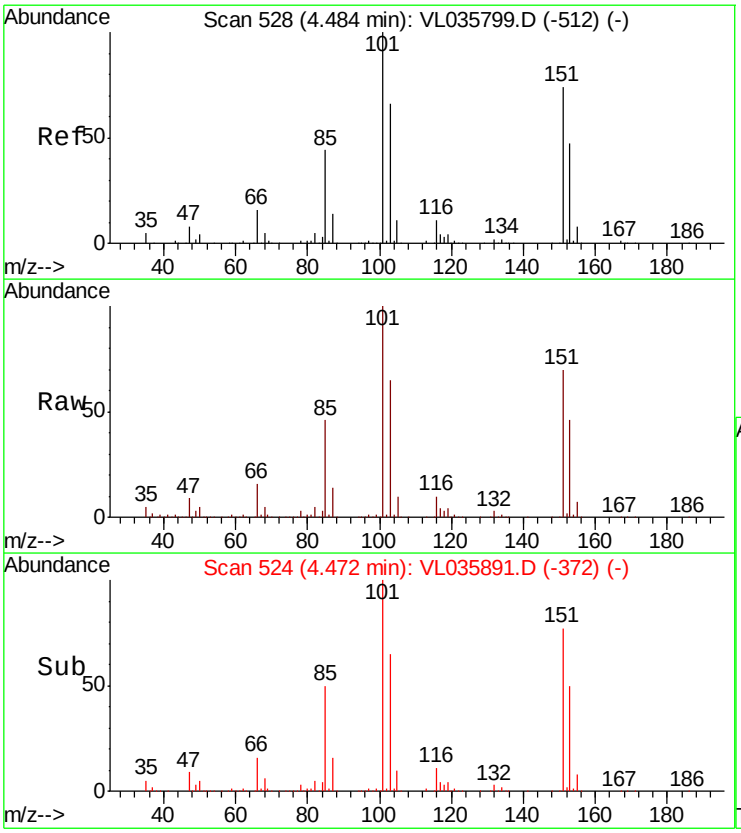
#11
Trichlorofluoromethane
Concen: 11.682 ppbv
RT: 3.93 min Scan# 357
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:101 Resp: 2759960

Ion	Ratio	Lower	Upper
101	100		
103	67.8	53.0	79.4

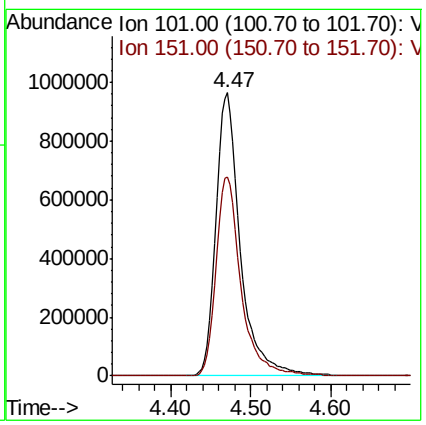


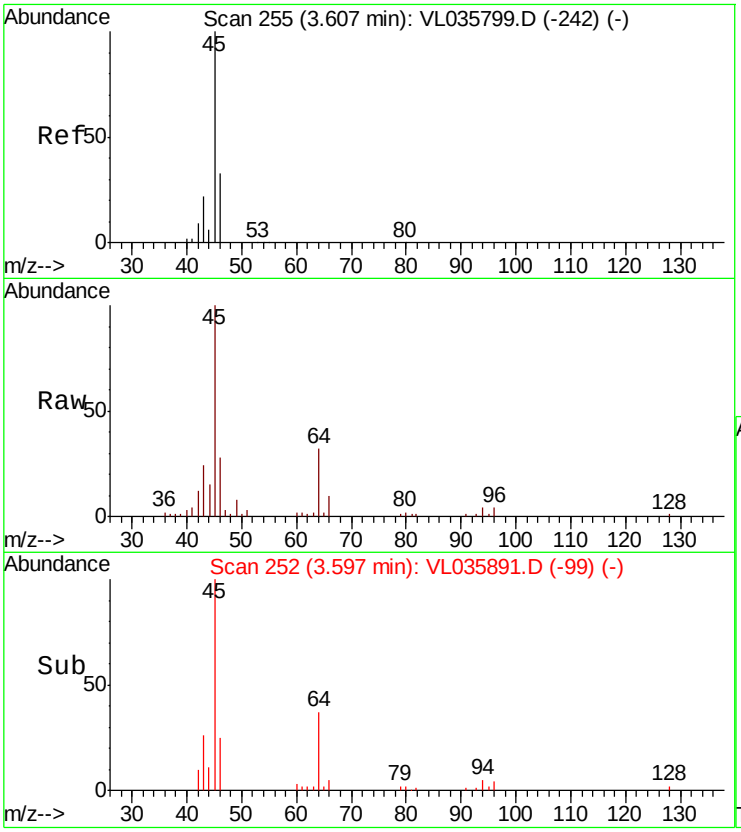


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.598 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:101 Resp: 2040131

Ion	Ratio	Lower	Upper
101	100		
151	72.2	58.9	88.3



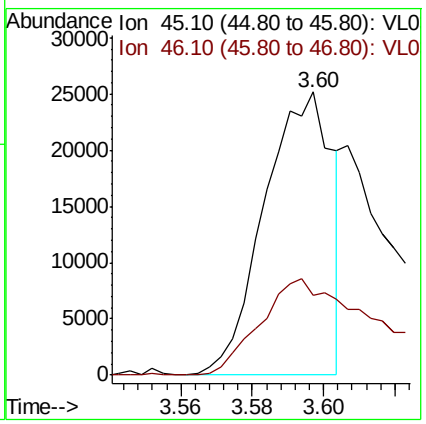


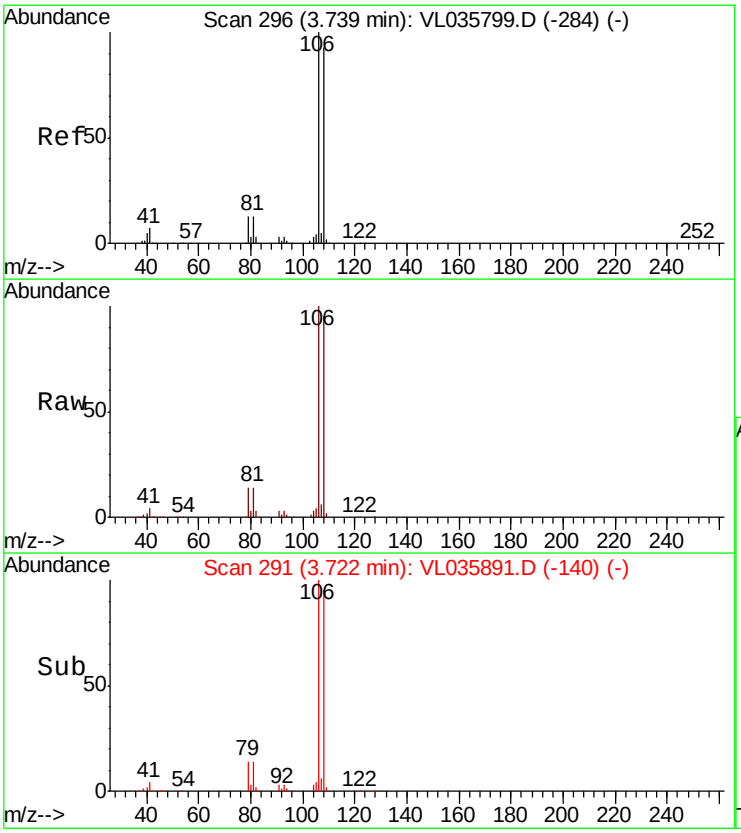
#13
Ethanol
Concen: 3.504 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 33301

Ion	Ratio	Lower	Upper
45	100		
46	72.1	16.1	64.5#

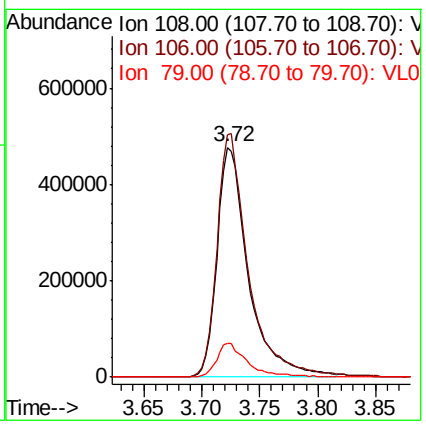


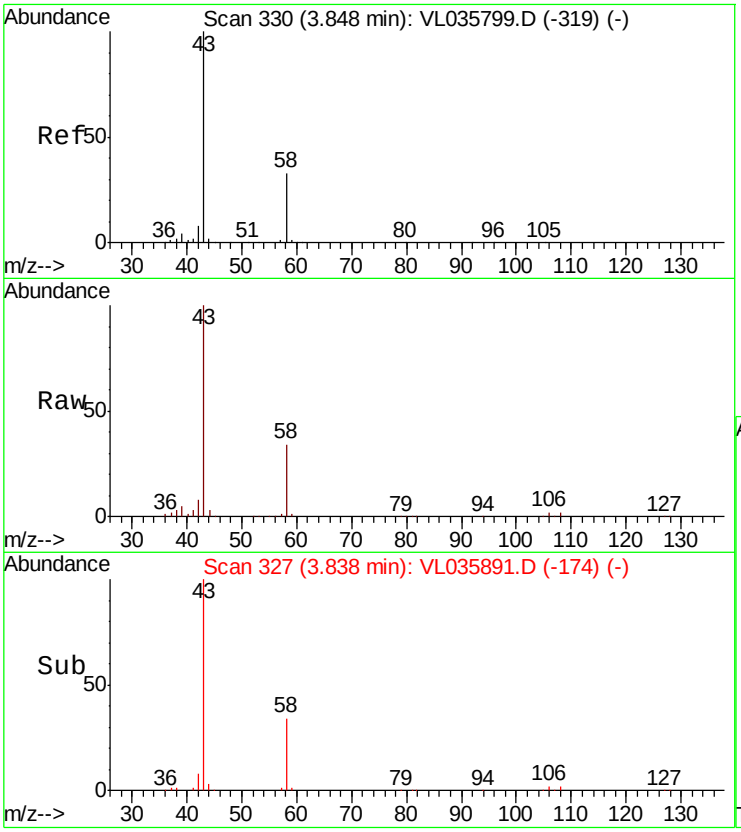


#14
Bromoethene
Concen: 11.094 ppbv
RT: 3.72 min Scan# 291
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:108 Resp: 898100

Ion	Ratio	Lower	Upper
108	100		
106	106.3	85.3	127.9
79	14.7	11.6	17.4



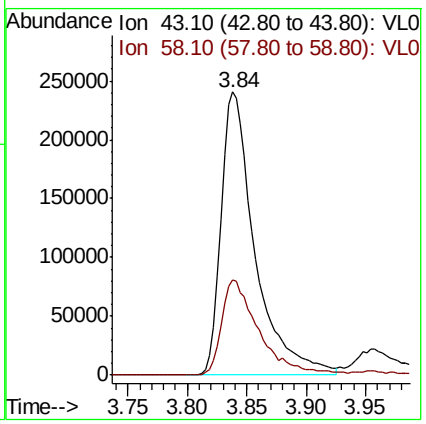


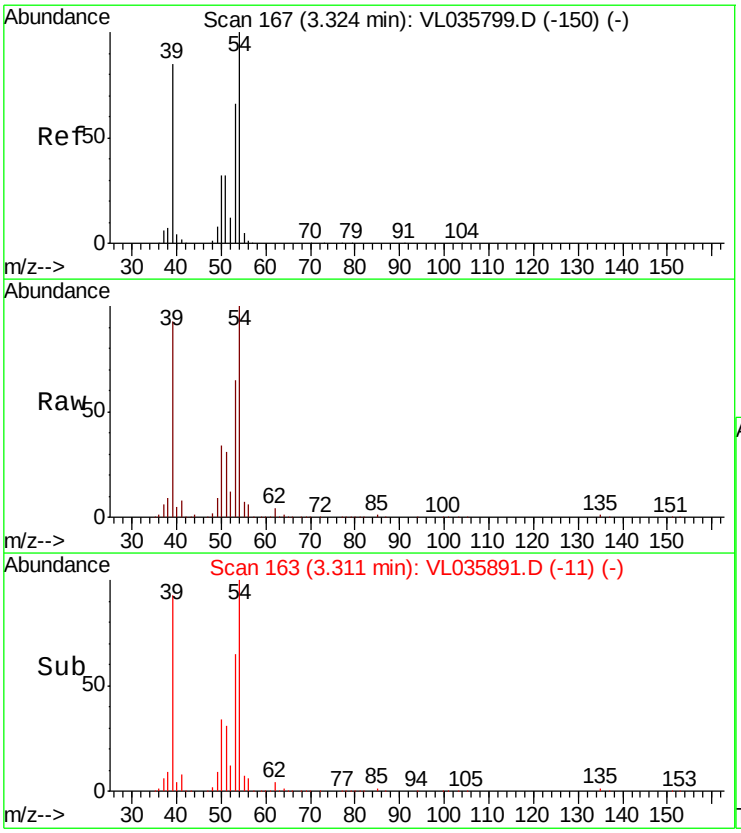
#15
Acetone
Concen: 4.441 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 474478

Ion	Ratio	Lower	Upper
43	100		
58	37.3	27.5	41.3

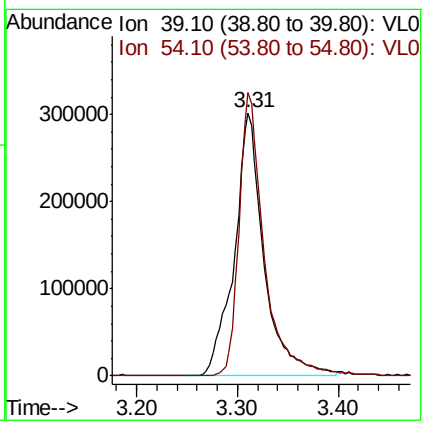


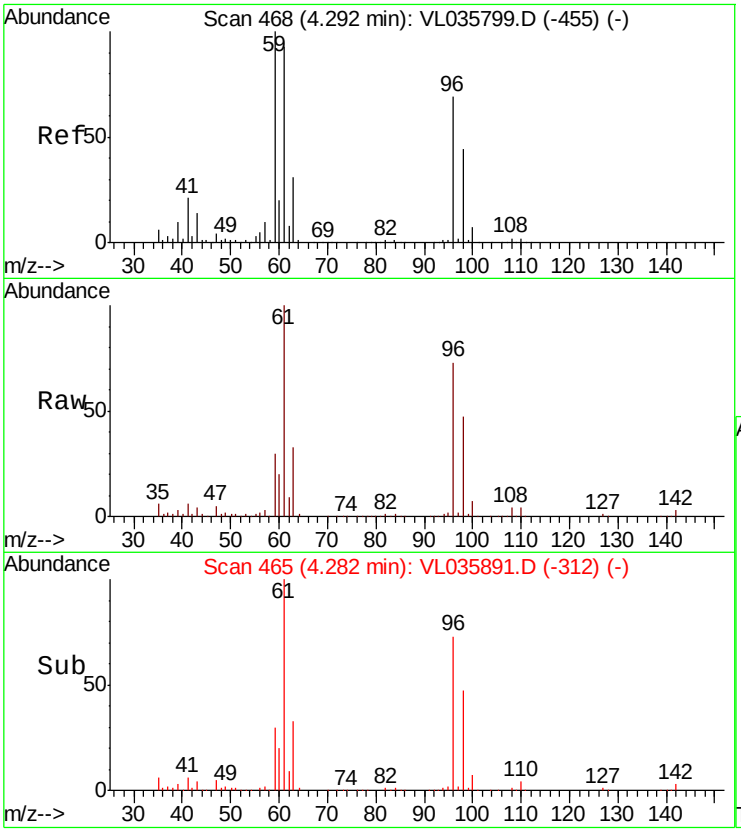


#16
1,3-Butadiene
Concen: 13.451 ppbv
RT: 3.31 min Scan# 163
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 39 Resp: 618768

Ion	Ratio	Lower	Upper
39	100		
54	91.3	87.1	130.7



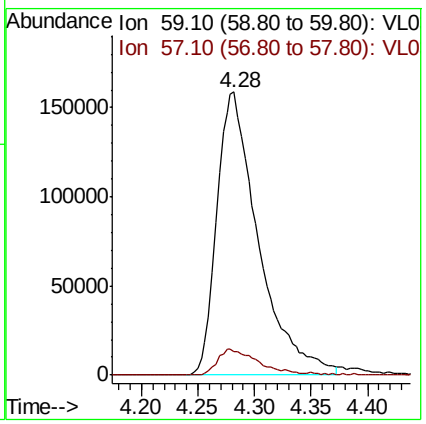


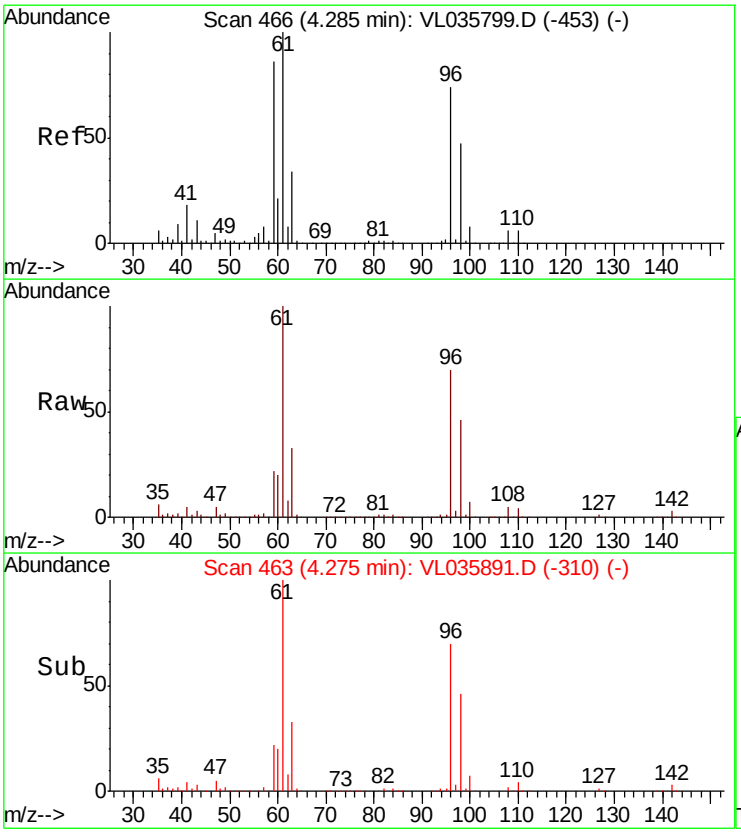
#17
tert-Butyl alcohol
Concen: 2.865 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 59 Resp: 405632

Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.2	12.4

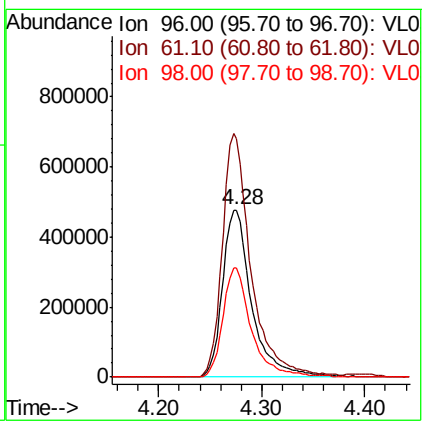


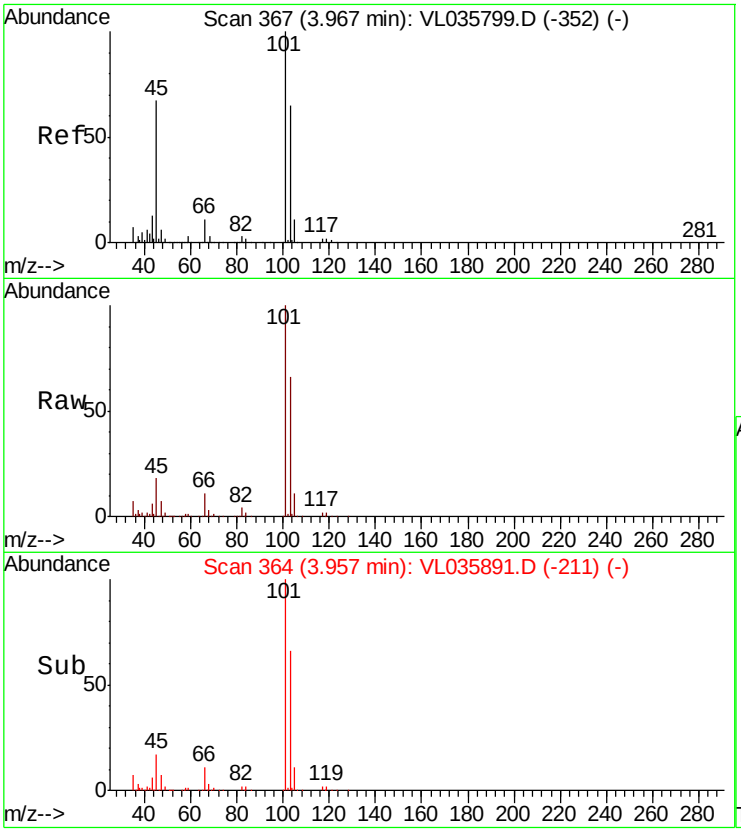


#18
1,1-Dichloroethene
Concen: 11.627 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 96 Resp: 939039

Ion	Ratio	Lower	Upper
96	100		
61	142.4	108.5	162.7
98	65.2	50.7	76.1



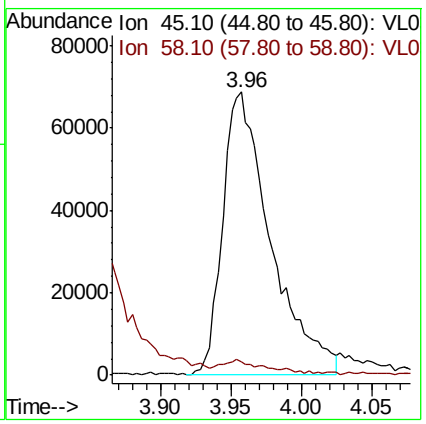


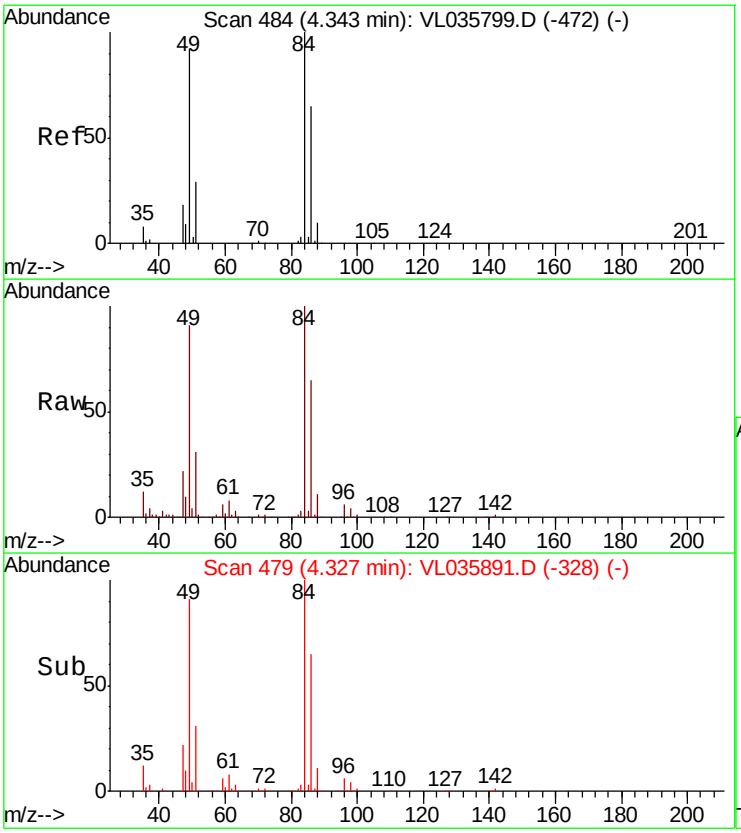
#19
Isopropyl Alcohol
Concen: 2.470 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 45 Resp: 162211

Ion	Ratio	Lower	Upper
45	100		
58	4.0	2.6	3.8#

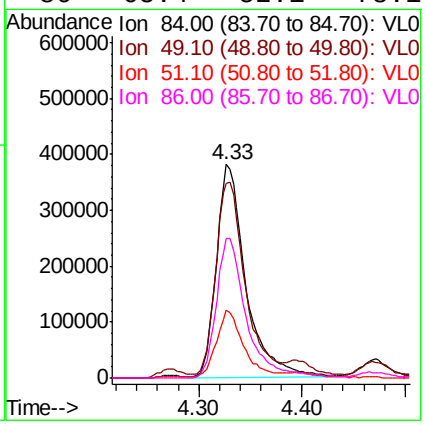


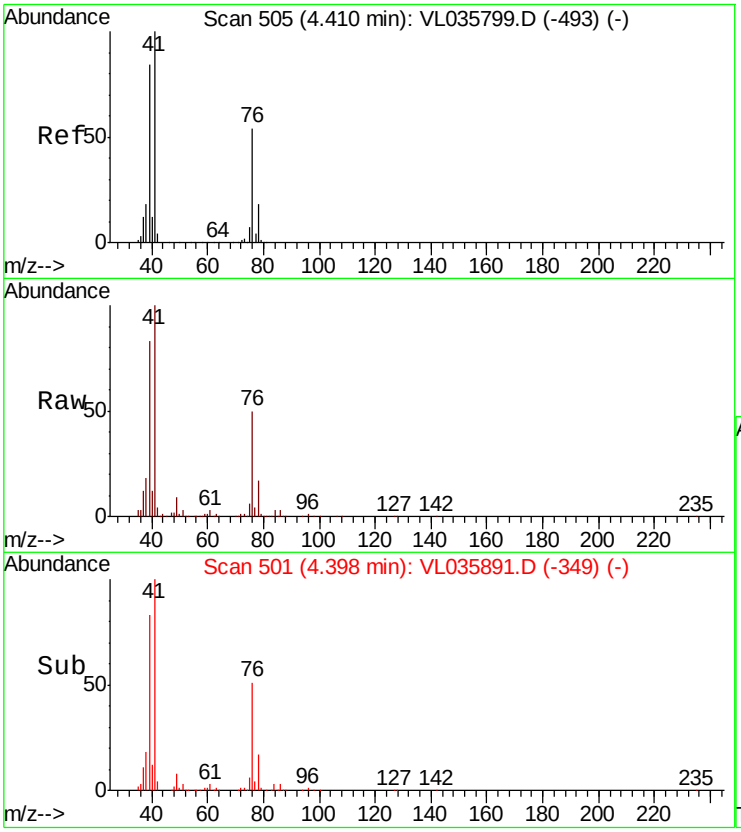


#20
Methylene Chloride
Concen: 10.077 ppbv
RT: 4.33 min Scan# 479
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 84 Resp: 757982

Ion	Ratio	Lower	Upper
84	100		
49	89.9	73.8	110.8
51	31.0	23.0	34.4
86	65.4	52.1	78.1



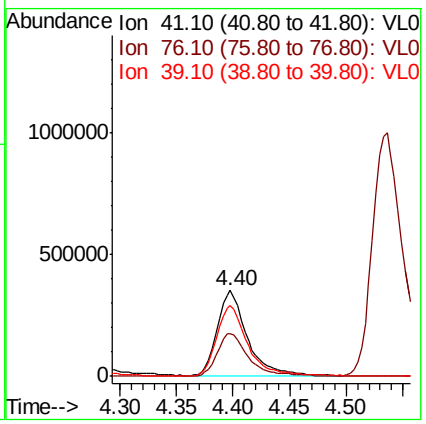


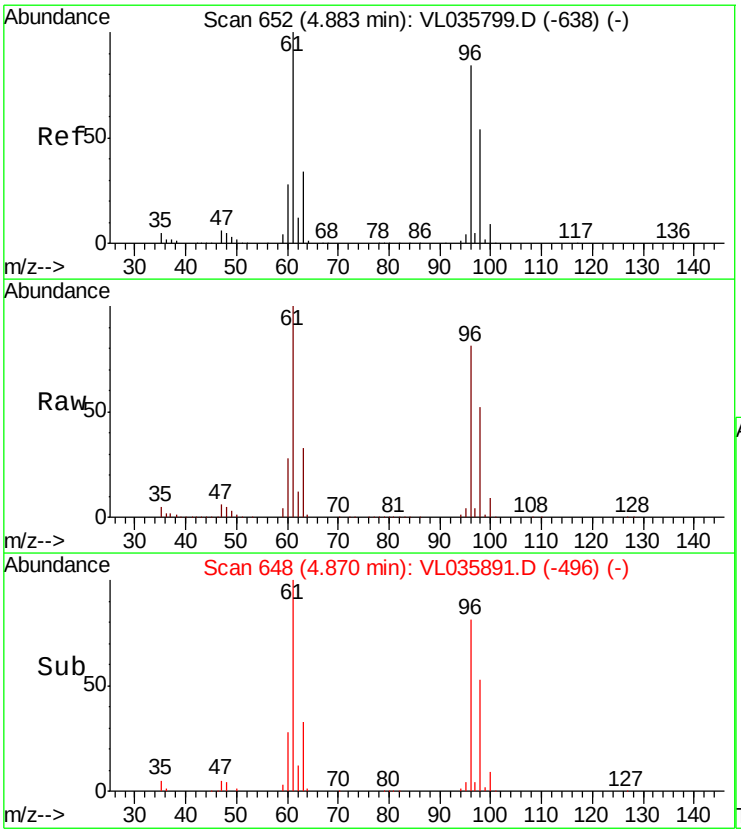
#21
Allyl Chloride
Concen: 11.175 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 41 Resp: 645713

Ion	Ratio	Lower	Upper
41	100		
76	52.6	42.6	63.8
39	88.0	67.0	100.4

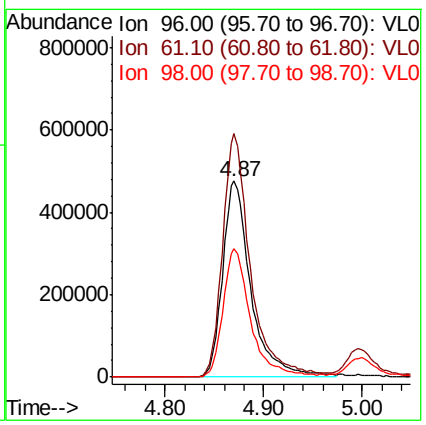


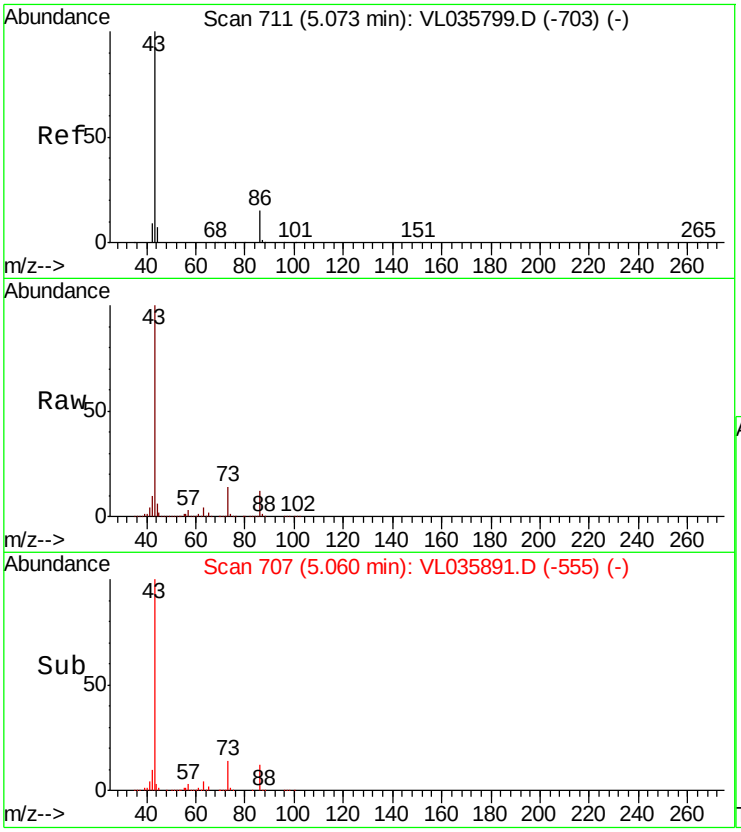


#22
trans-1,2-Dichloroethene
Concen: 11.684 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 96 Resp: 956644

Ion	Ratio	Lower	Upper
96	100		
61	124.2	95.4	143.0
98	65.2	51.8	77.6



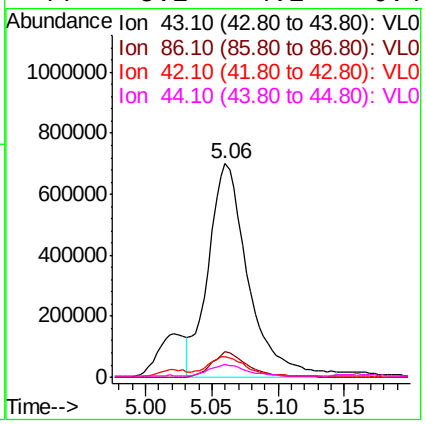


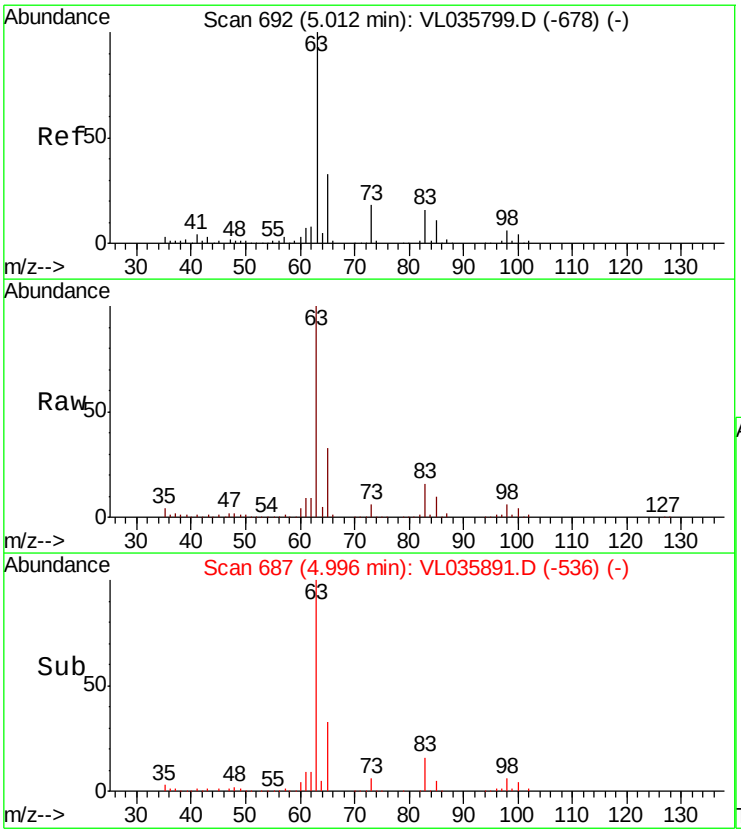
#23
Vinyl Acetate
Concen: 9.743 ppbv
RT: 5.06 min Scan# 707
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 43 Resp: 1459166

Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.8	14.6
42	9.7	8.1	12.1
44	5.2	4.2	6.4

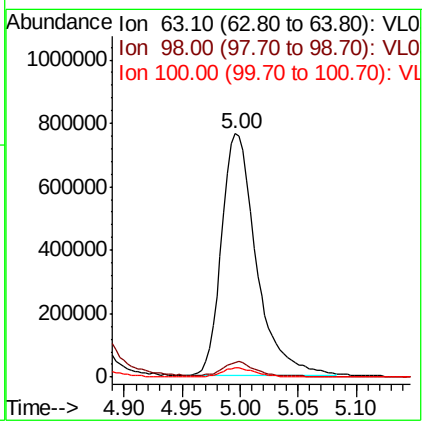


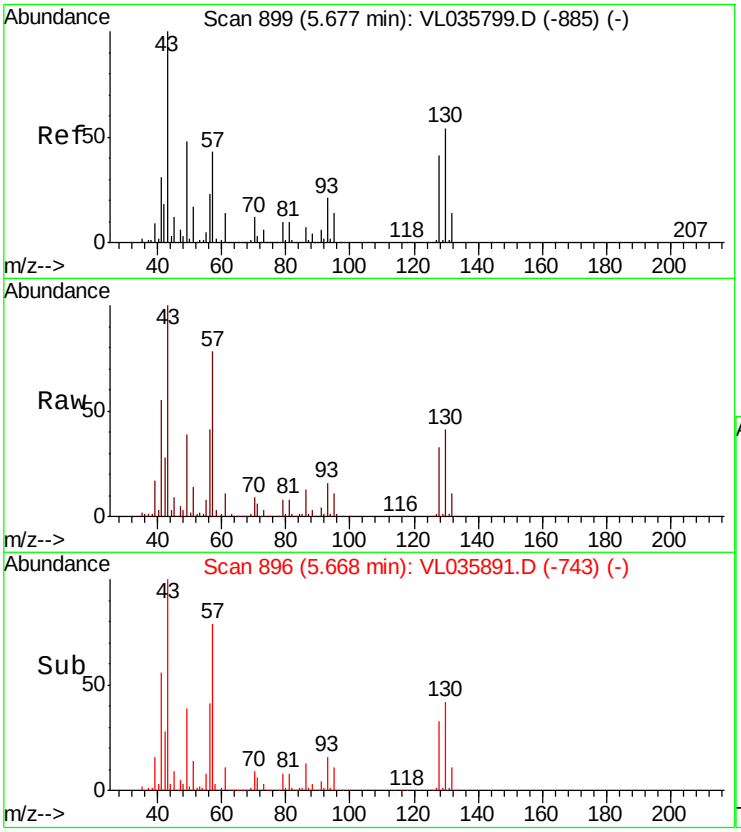


#24
1,1-Dichloroethane
Concen: 11.102 ppbv
RT: 5.00 min Scan# 687
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 63 Resp: 1584107

Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.0	9.2
100	4.0	1.8	5.4



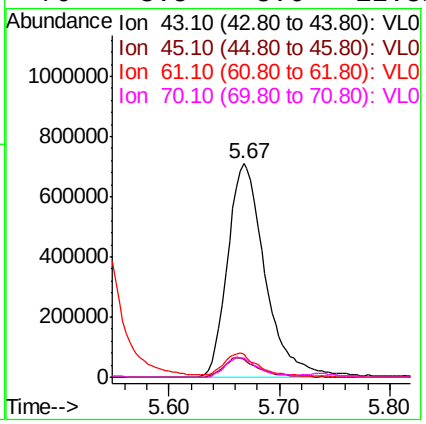


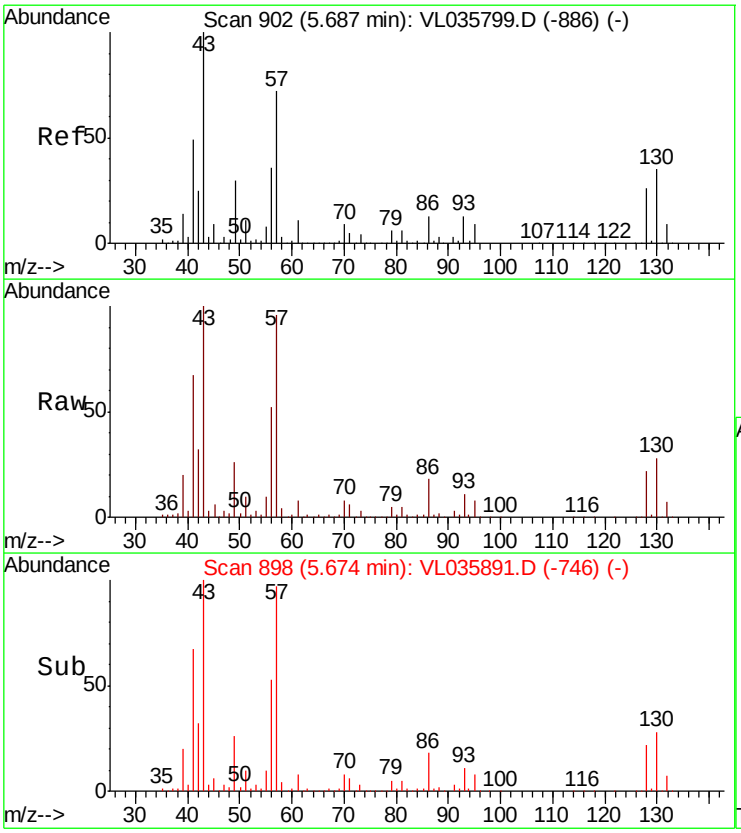
#25
Ethyl Acetate
Concen: 7.888 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 43 Resp: 1660277

Ion	Ratio	Lower	Upper
43	100		
45	8.5	8.5	12.7
61	10.9	10.7	16.1
70	8.5	8.6	12.8#

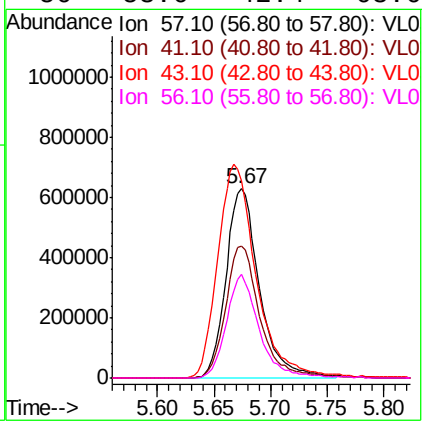


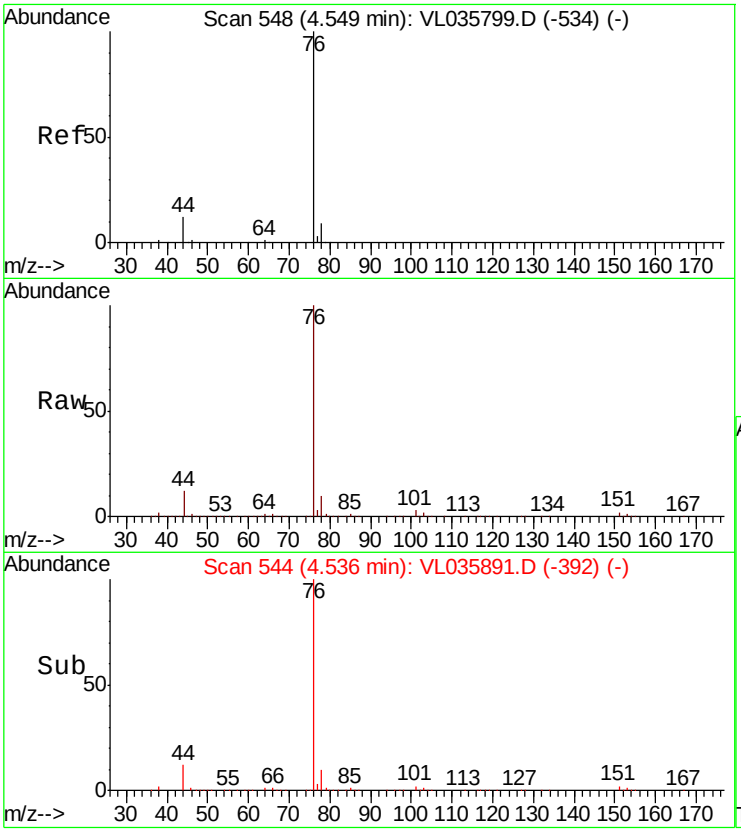


#26
Hexane
Concen: 11.166 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 57 Resp: 1296192

Ion	Ratio	Lower	Upper
57	100		
41	72.2	58.9	88.3
43	130.2	150.2	225.2#
56	53.6	42.4	63.6



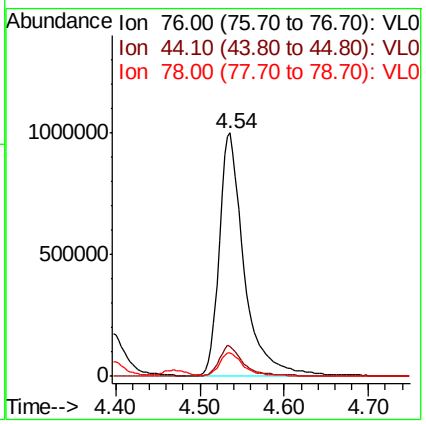


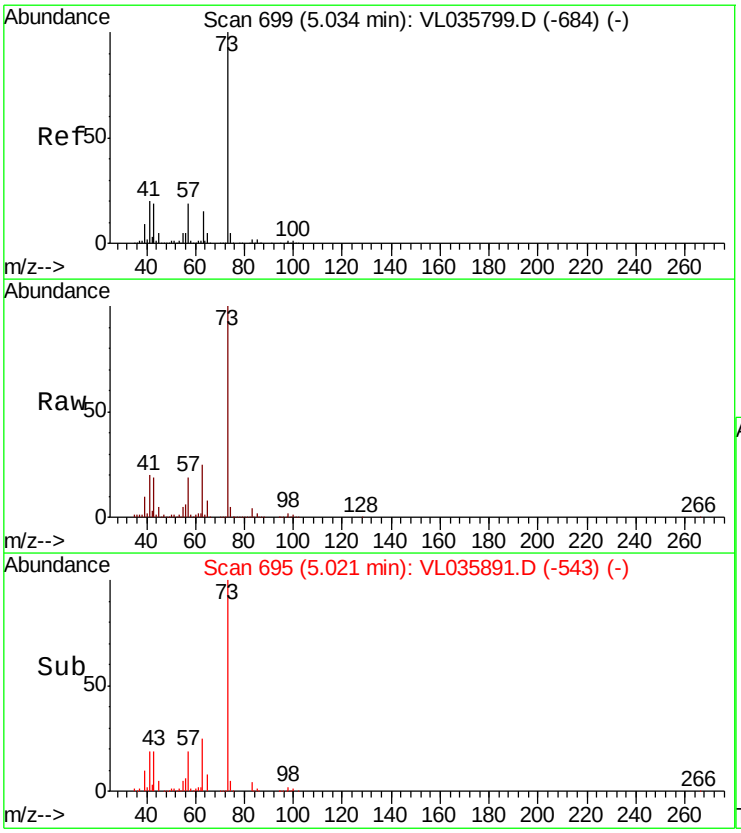
#27
Carbon Disulfide
Concen: 11.673 ppbv
RT: 4.54 min Scan# 544
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 76 Resp: 2030411

Ion	Ratio	Lower	Upper
76	100		
44	12.5	9.9	14.9
78	10.2	8.1	12.1

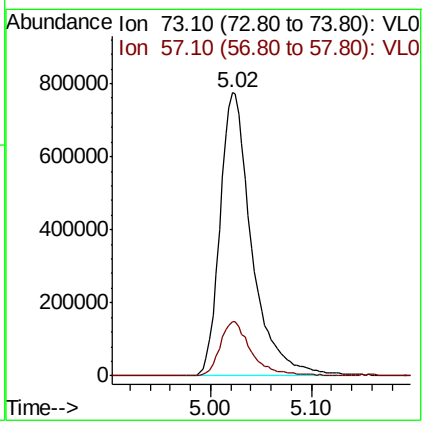


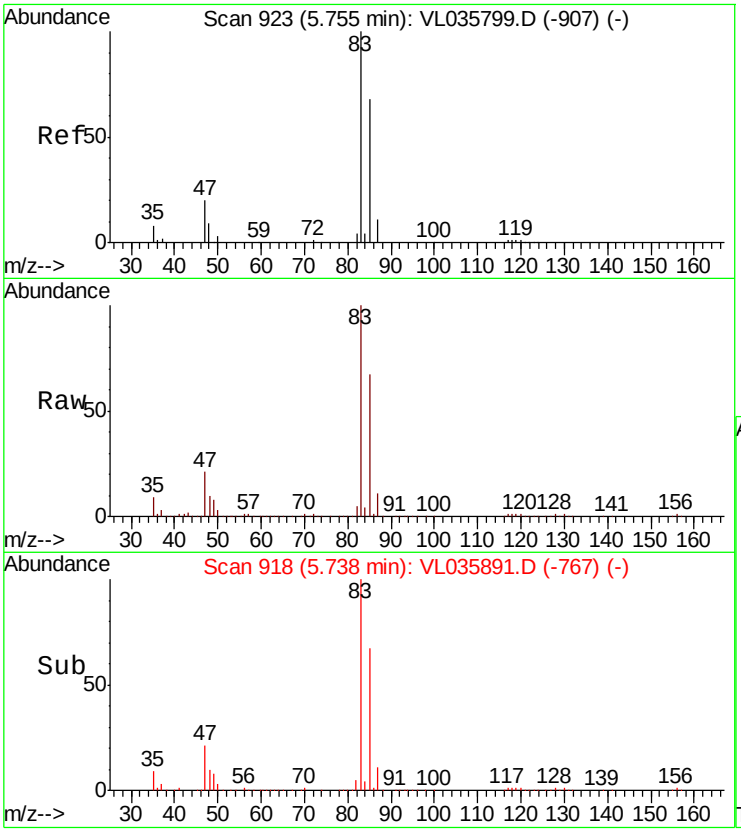


#28
Methyl tert-Butyl Ether
Concen: 8.169 ppbv
RT: 5.02 min Scan# 695
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 73 Resp: 1702924

Ion	Ratio	Lower	Upper
73	100		
57	19.1	15.4	23.2



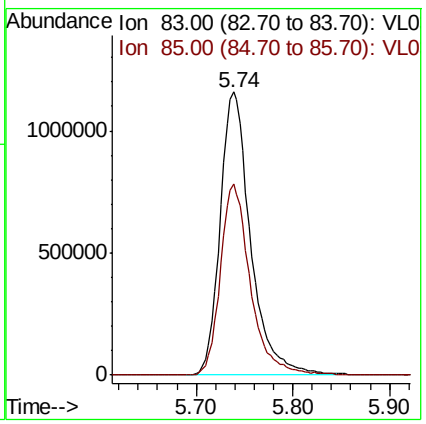


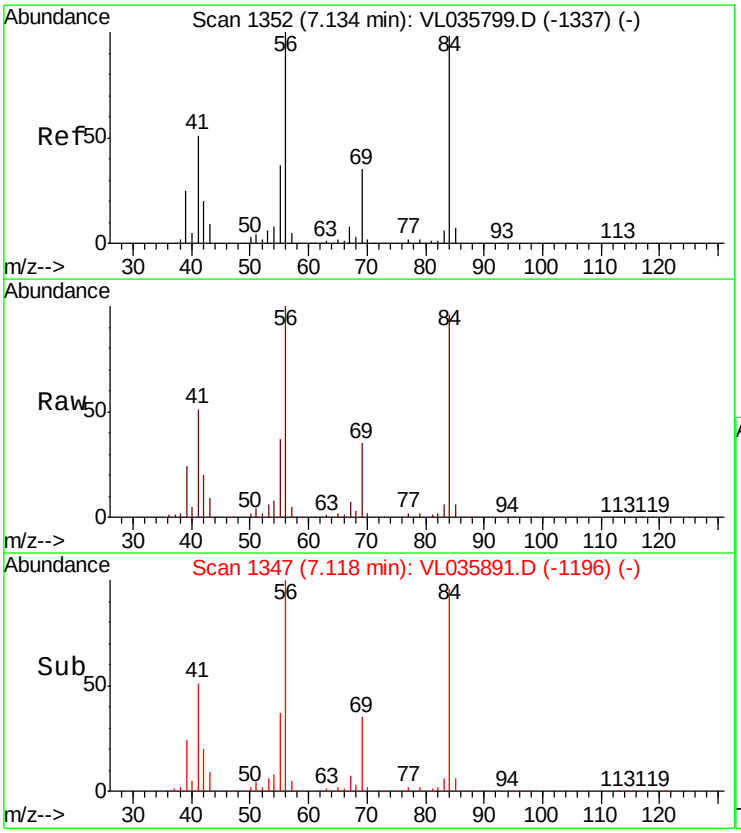
#29
Chloroform
Concen: 11.115 ppbv
RT: 5.74 min Scan# 918
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2535982

Ion	Ratio	Lower	Upper
83	100		
85	67.2	54.6	81.8

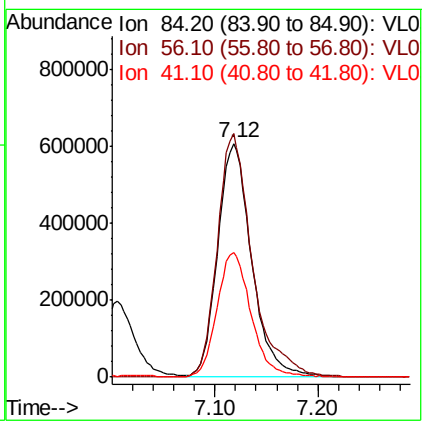


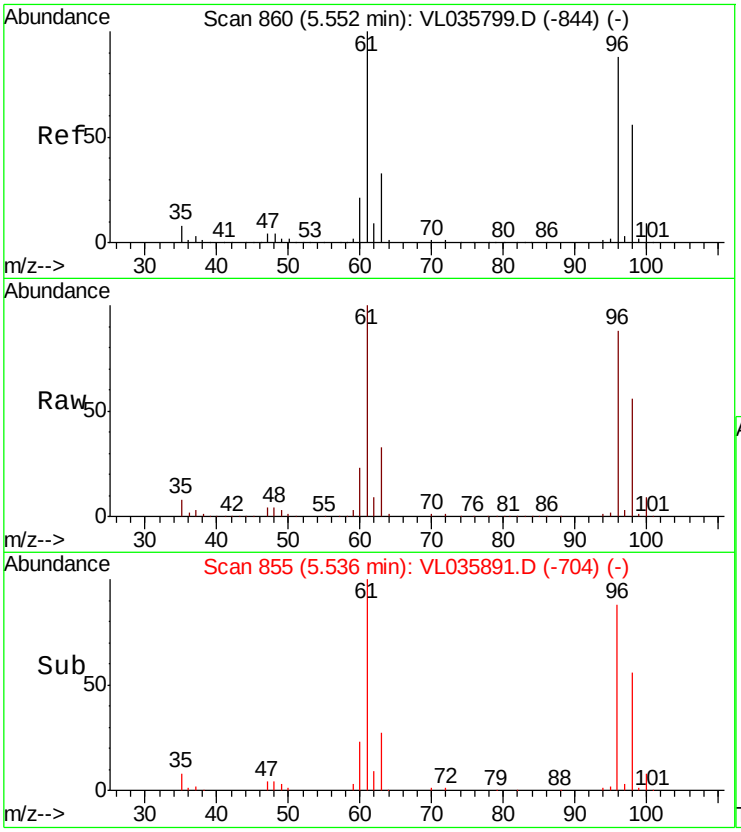


#30
Cyclohexane
Concen: 10.951 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 84 Resp: 1384517

Ion	Ratio	Lower	Upper
84	100		
56	108.3	86.4	129.6
41	54.0	42.1	63.1



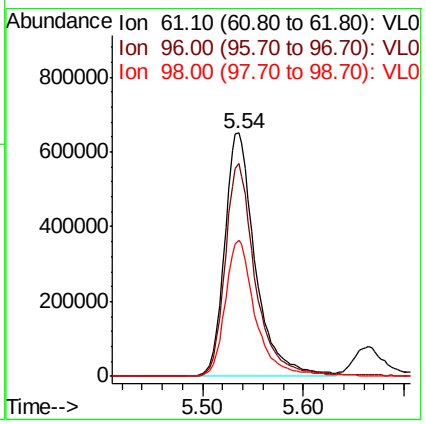


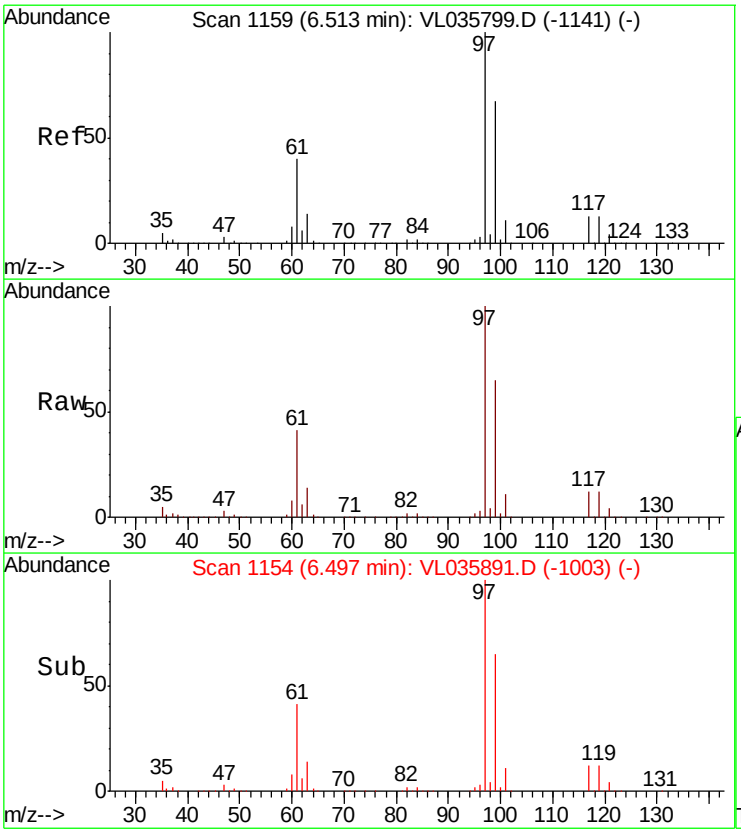
#31
cis-1,2-Dichloroethene
Concen: 11.539 ppbv
RT: 5.54 min Scan# 855
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 61 Resp: 1377990

Ion	Ratio	Lower	Upper
61	100		
96	87.5	70.3	105.5
98	56.1	45.0	67.6

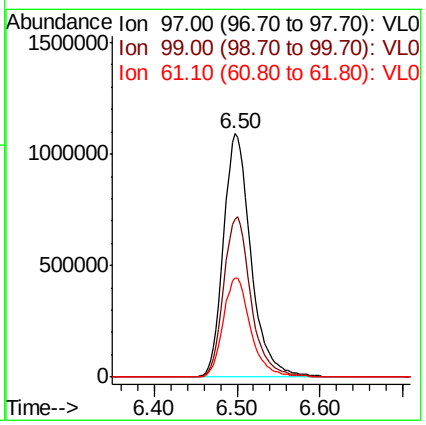


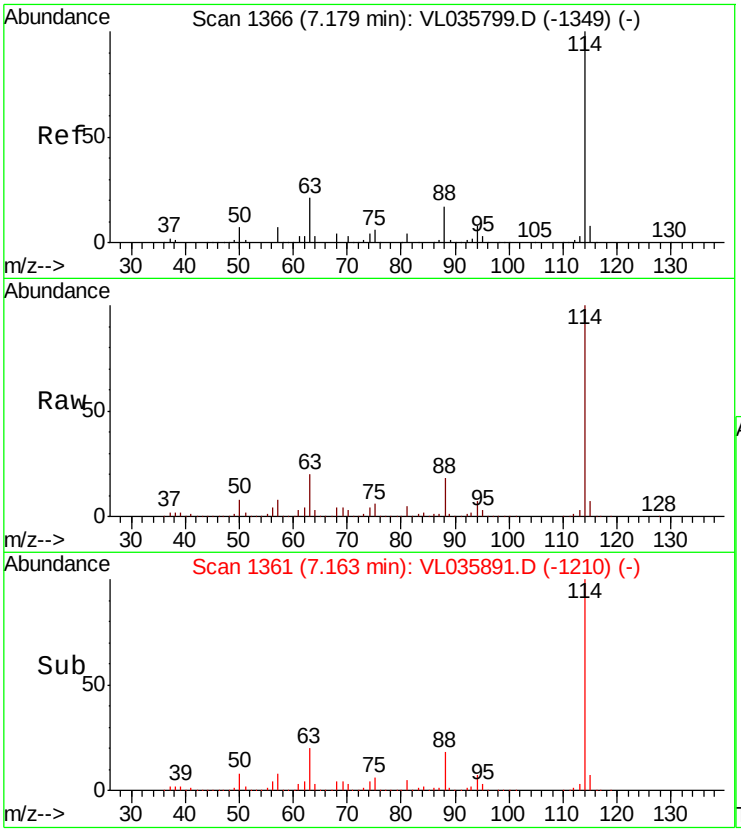


#32
1,1,1-Trichloroethane
Concen: 10.555 ppbv
RT: 6.50 min Scan# 1154
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 97 Resp: 2513016

Ion	Ratio	Lower	Upper
97	100		
99	65.7	52.3	78.5
61	41.1	32.0	48.0



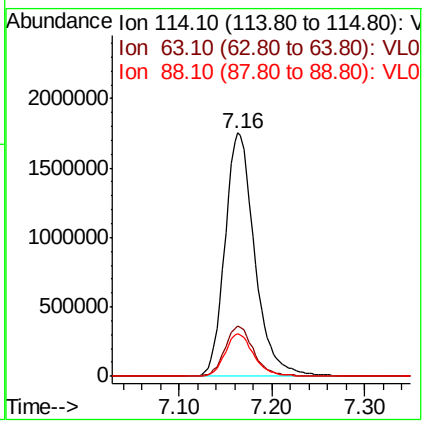


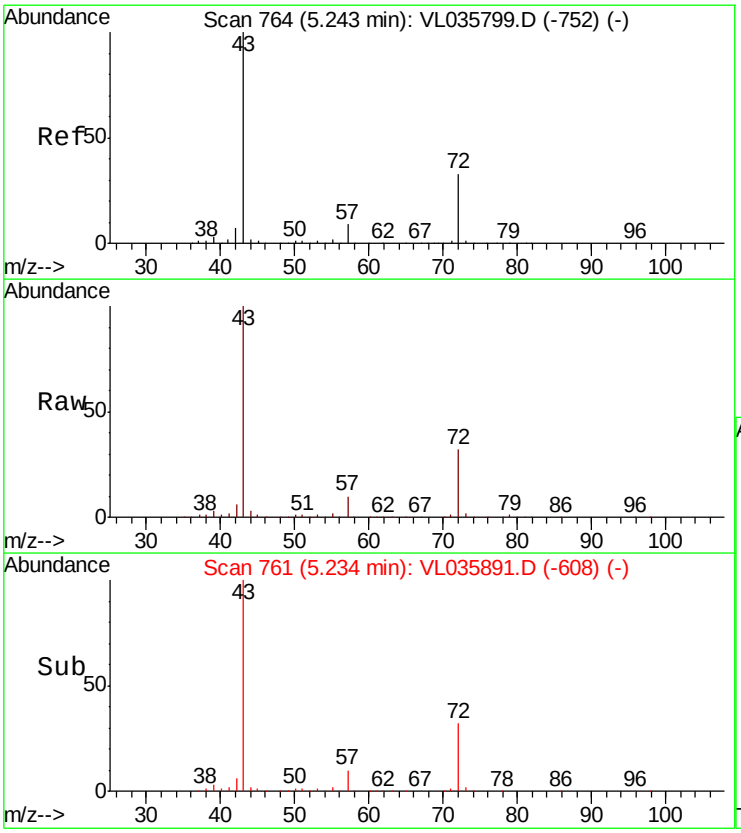
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:114 Resp: 3905703

Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	17.1	13.7	20.5

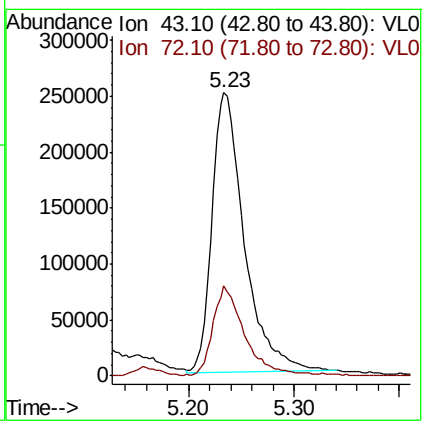


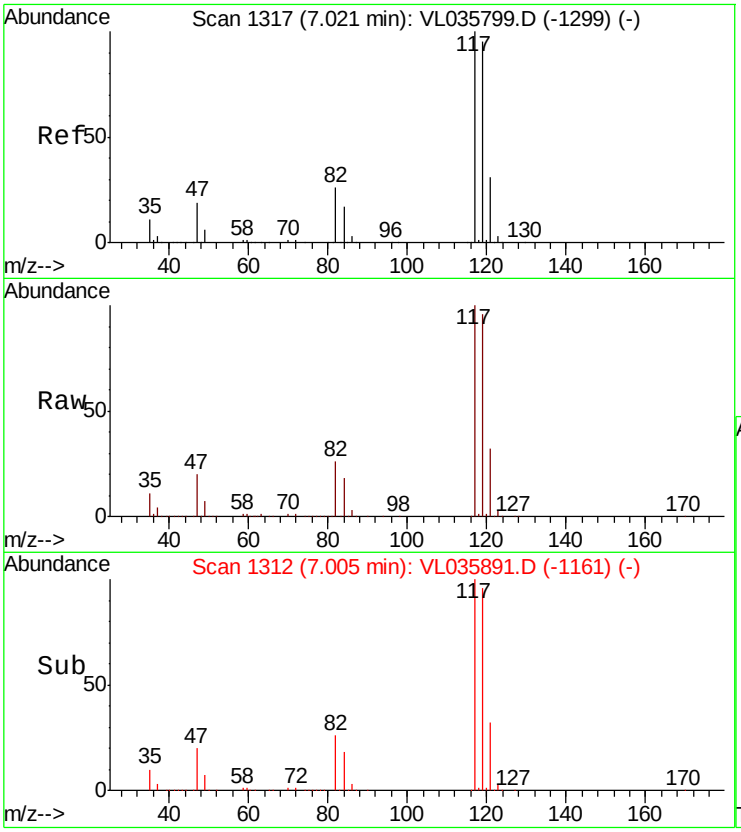


#34
2-Butanone
Concen: 4.200 ppbv
RT: 5.23 min Scan# 761
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 43 Resp: 532375

Ion	Ratio	Lower	Upper
43	100		
72	31.3	26.5	39.7



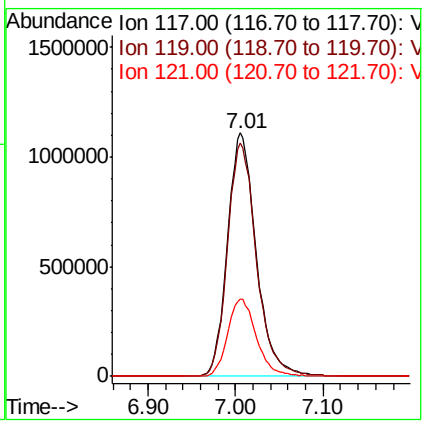


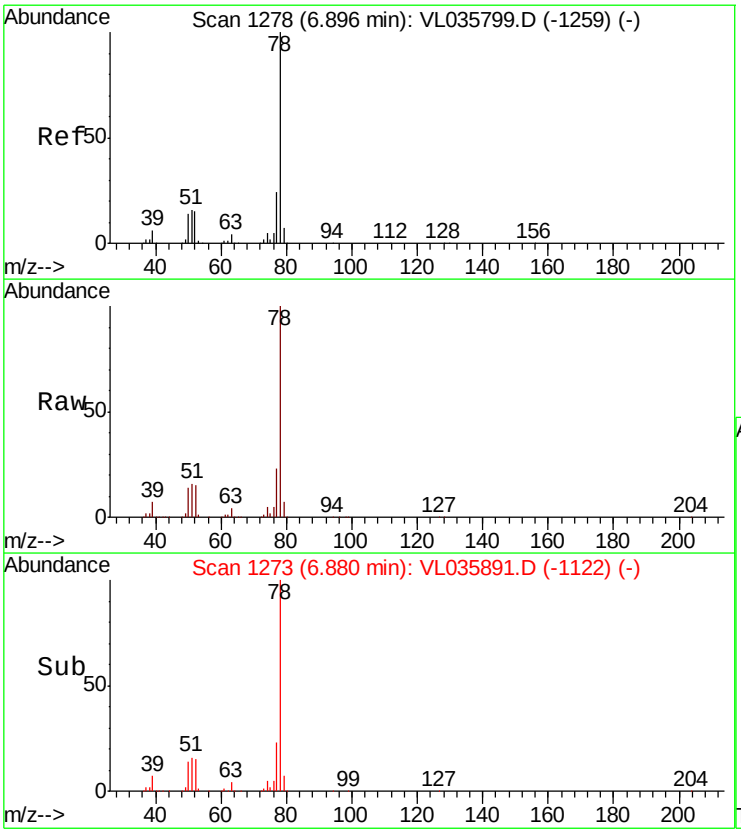
#35
Carbon Tetrachloride
Concen: 12.125 ppbv
RT: 7.01 min Scan# 1312
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 2530261

Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.6	113.4
121	31.5	25.1	37.7

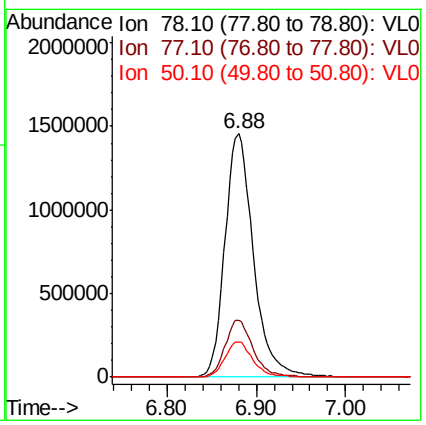


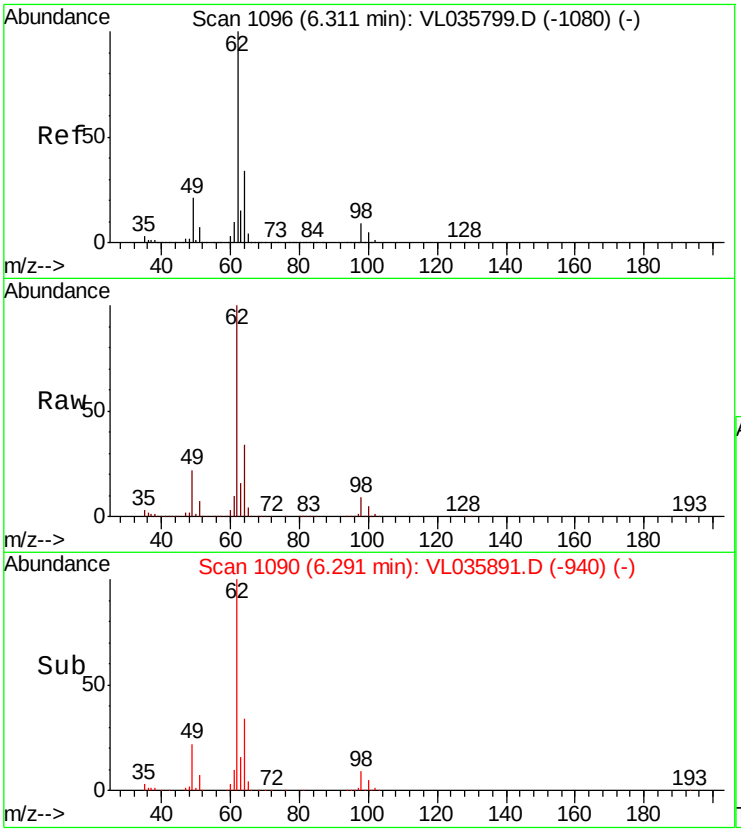


#36
Benzene
Concen: 11.113 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 78 Resp: 3226717

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9
50	14.4	11.4	17.2



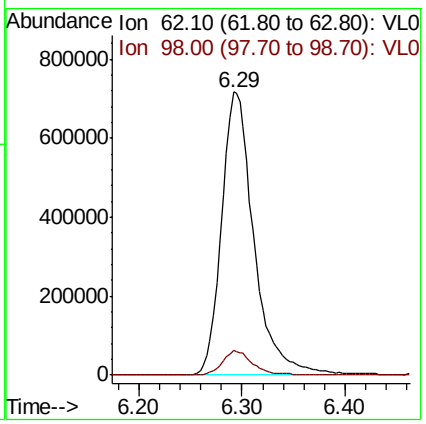


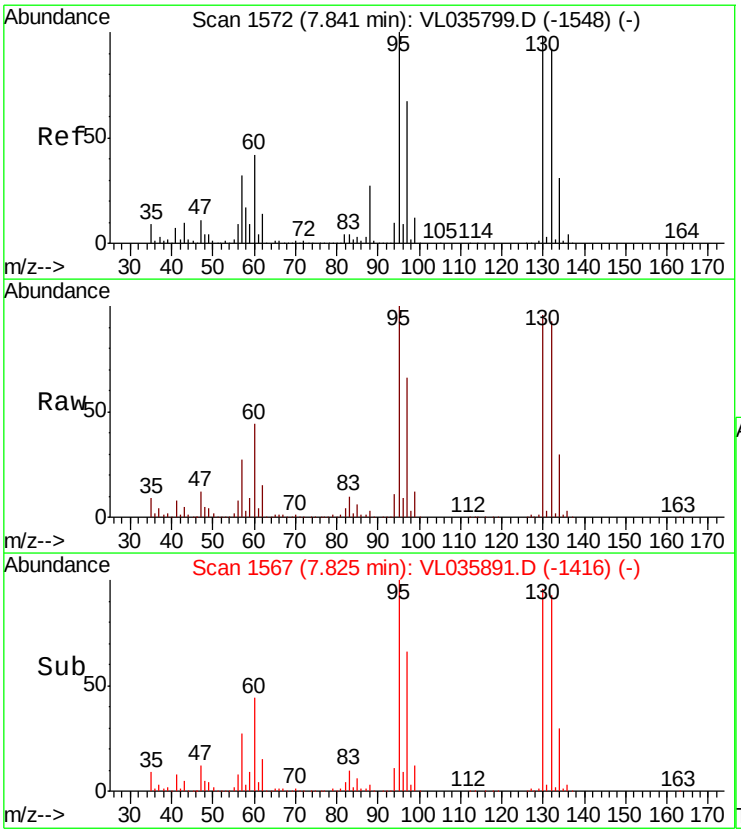
#37
1,2-Dichloroethane
Concen: 11.907 ppbv
RT: 6.29 min Scan# 1090
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 62 Resp: 1566277

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.9	10.3

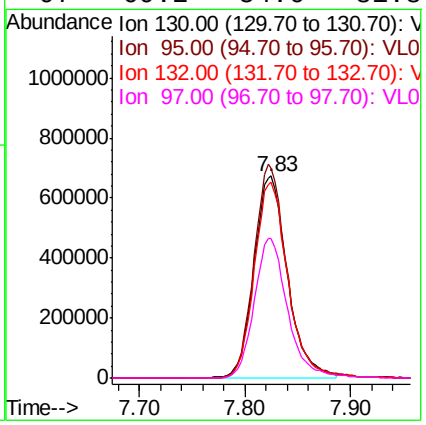


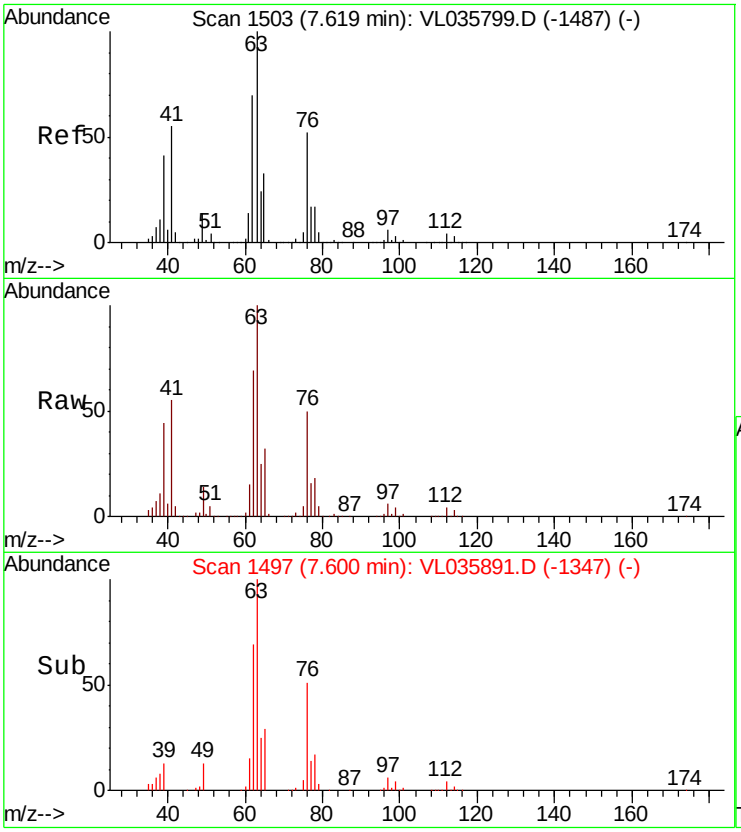


#38
Trichloroethene
Concen: 10.469 ppbv
RT: 7.83 min Scan# 1567
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:130 Resp: 1484737

Ion	Ratio	Lower	Upper
130	100		
95	104.4	81.6	122.4
132	97.3	75.1	112.7
97	69.2	54.6	81.8



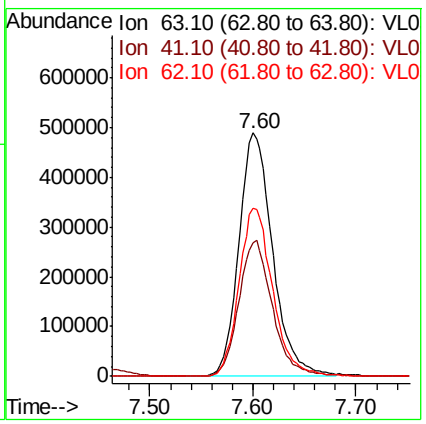


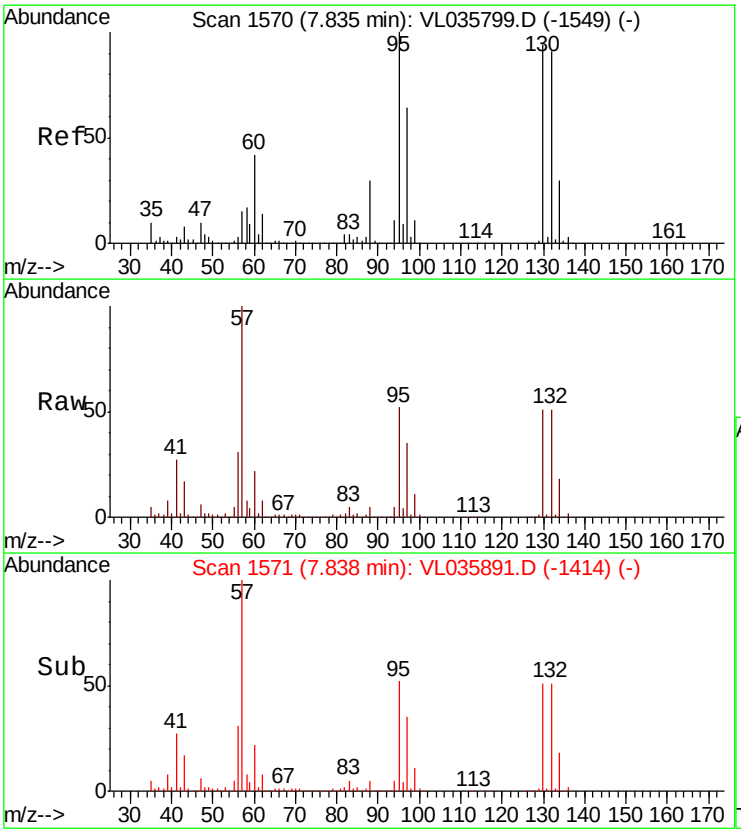
#39
1,2-Dichloropropane
Concen: 11.373 ppbv
RT: 7.60 min Scan# 1497
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 63 Resp: 1111821

Ion	Ratio	Lower	Upper
63	100		
41	54.5	43.8	65.6
62	68.8	56.2	84.2

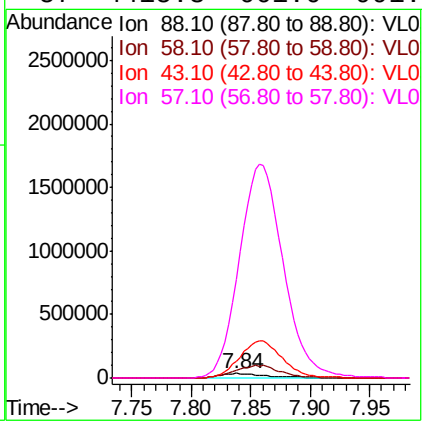


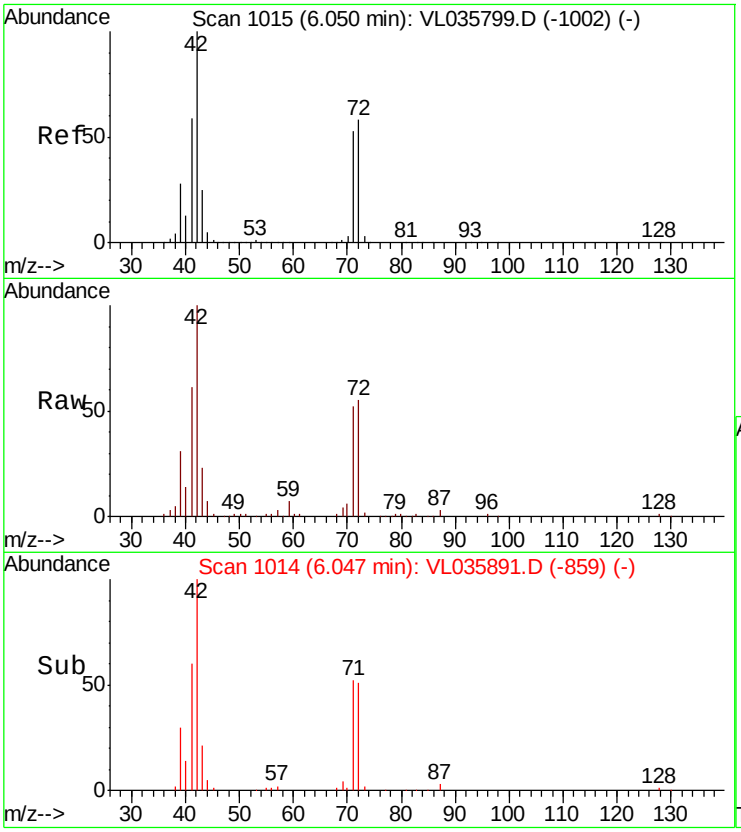


#40
1,4-Dioxane
Concen: 2.114 ppbv
RT: 7.84 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 88 Resp: 97926

Ion	Ratio	Lower	Upper
88	100		
58	273.9	76.2	114.2#
43	757.1	123.1	184.7#
57	4415.3	661.0	991.4#



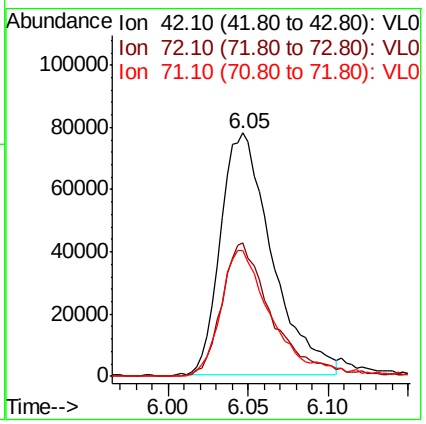


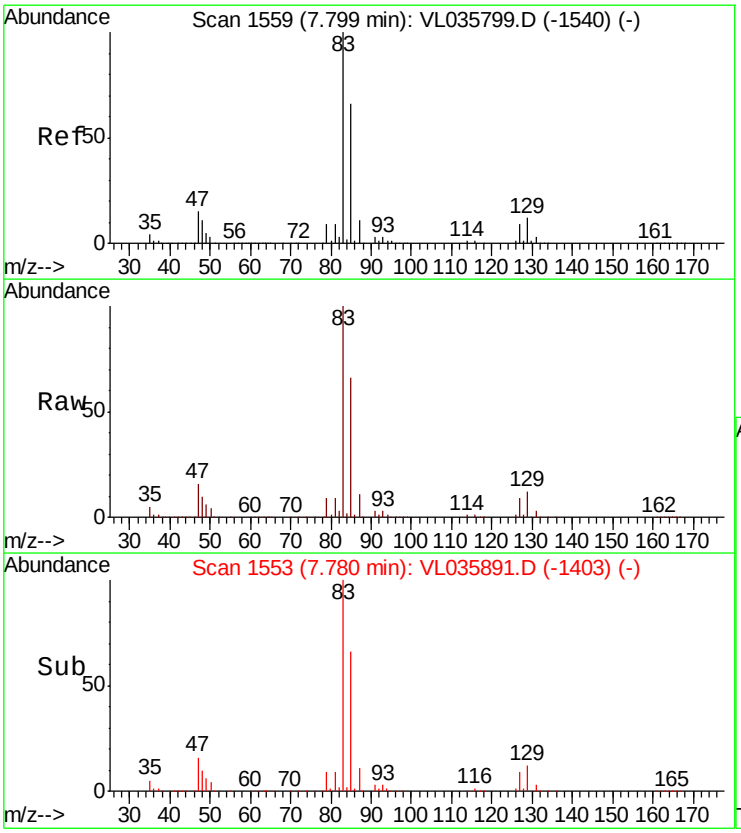
#41
Tetrahydrofuran
Concen: 2.389 ppbv
RT: 6.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 42 Resp: 172023

Ion	Ratio	Lower	Upper
42	100		
72	54.6	45.4	68.0
71	52.8	43.4	65.2

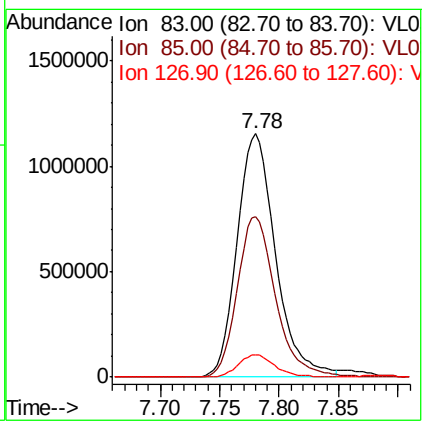


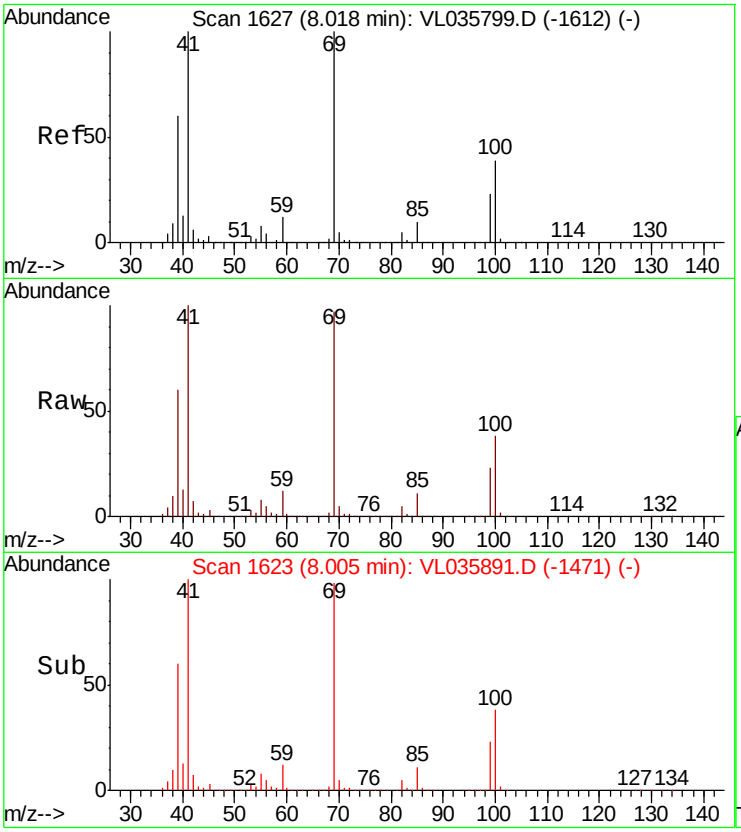


#42
Bromodichloromethane
Concen: 11.665 ppbv
RT: 7.78 min Scan# 1553
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 83 Resp: 2589245

Ion	Ratio	Lower	Upper
83	100		
85	66.0	53.1	79.7
127	9.1	7.3	10.9



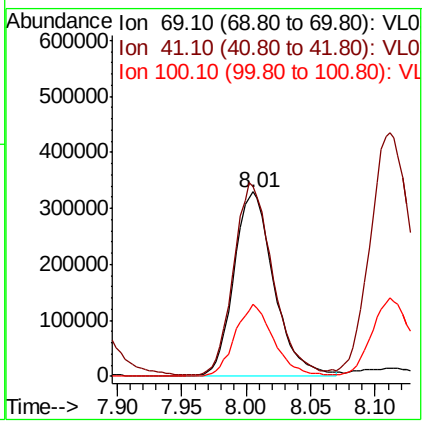


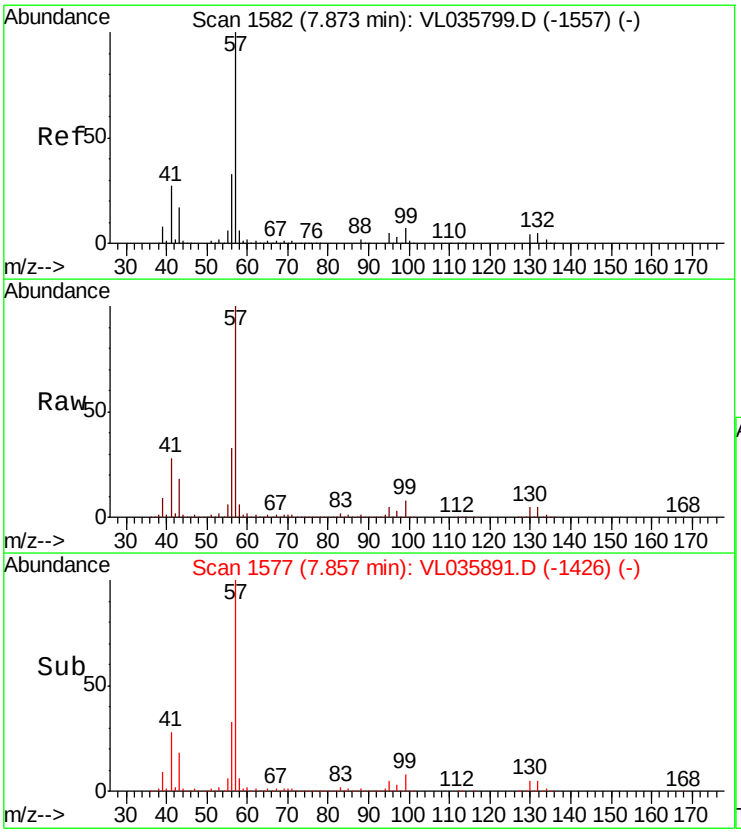
#43
Methyl Methacrylate
Concen: 6.431 ppbv
RT: 8.01 min Scan# 1623
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 69 Resp: 712236

Ion	Ratio	Lower	Upper
69	100		
41	104.9	81.1	121.7
100	37.9	31.0	46.4

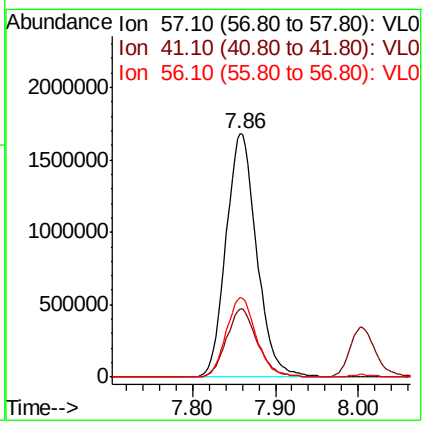


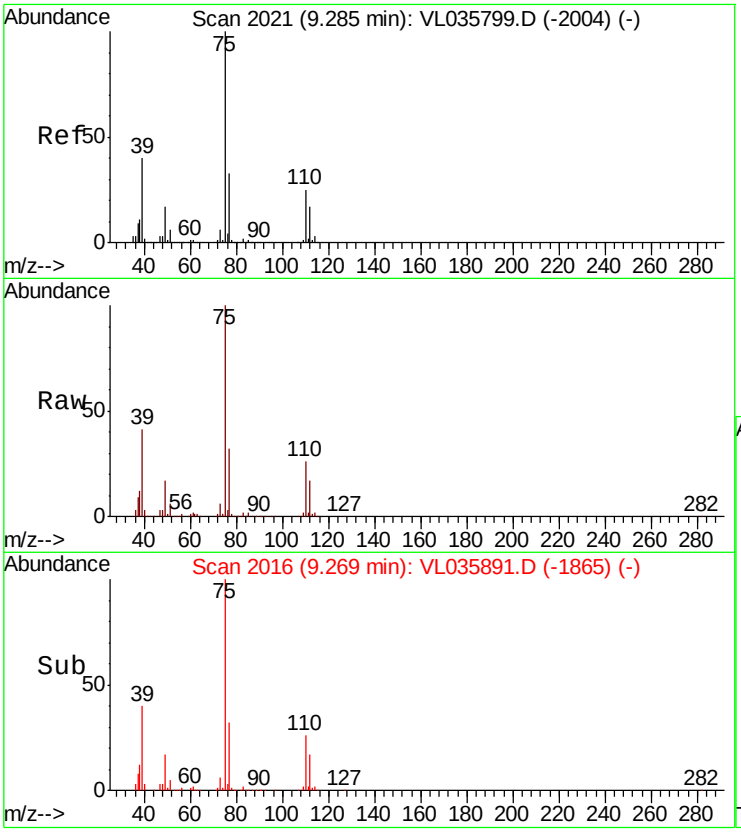


#44
2,2,4-Trimethylpentane
Concen: 11.252 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 57 Resp: 4323390

Ion	Ratio	Lower	Upper
57	100		
41	28.5	21.0	31.4
56	32.1	25.4	38.0



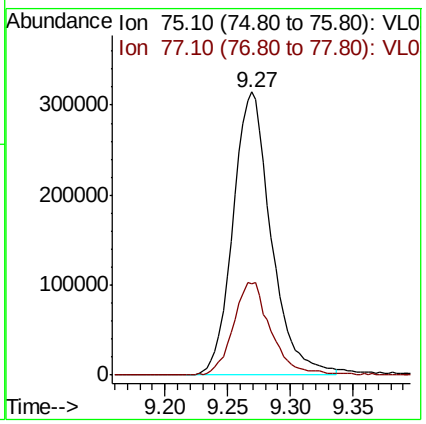


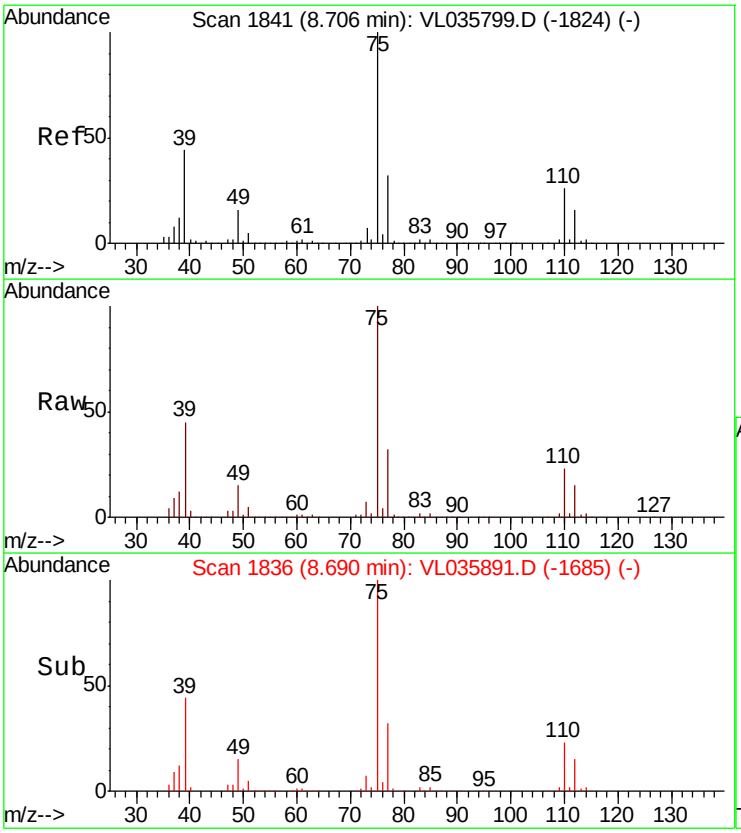
#45
t-1,3-Dichloropropene
Concen: 5.639 ppbv
RT: 9.27 min Scan# 2016
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 75 Resp: 662017

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.4	39.6

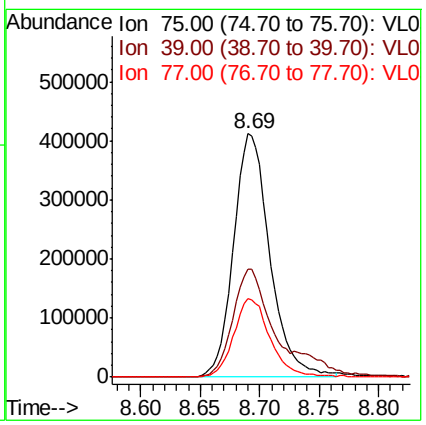


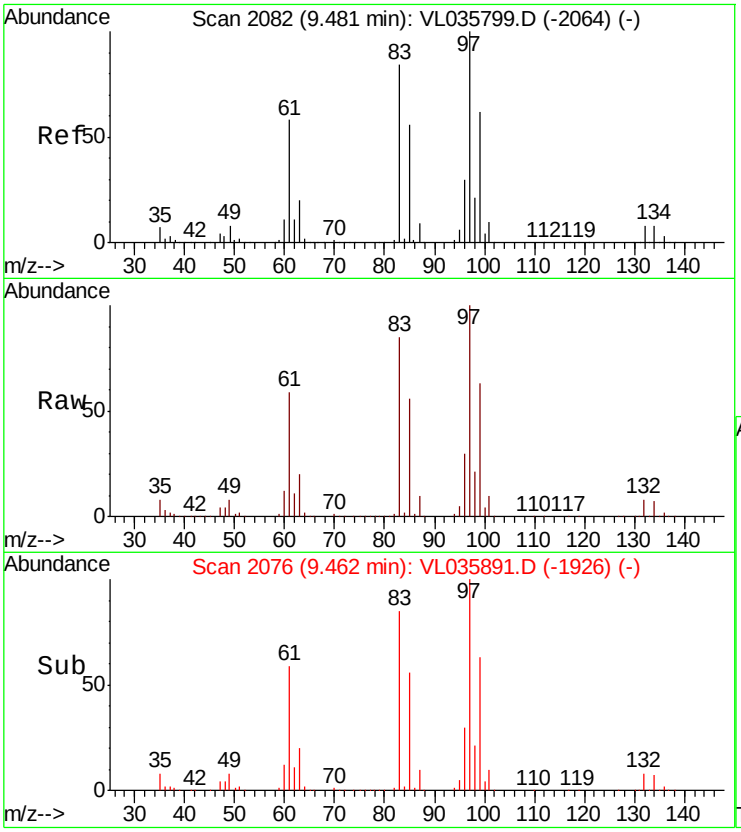


#46
cis-1,3-Dichloropropene
Concen: 5.859 ppbv
RT: 8.69 min Scan# 1836
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 75 Resp: 871223

Ion	Ratio	Lower	Upper
75	100		
39	44.4	35.1	52.7
77	32.3	25.7	38.5



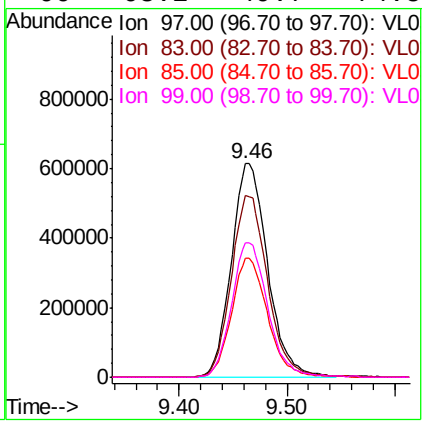


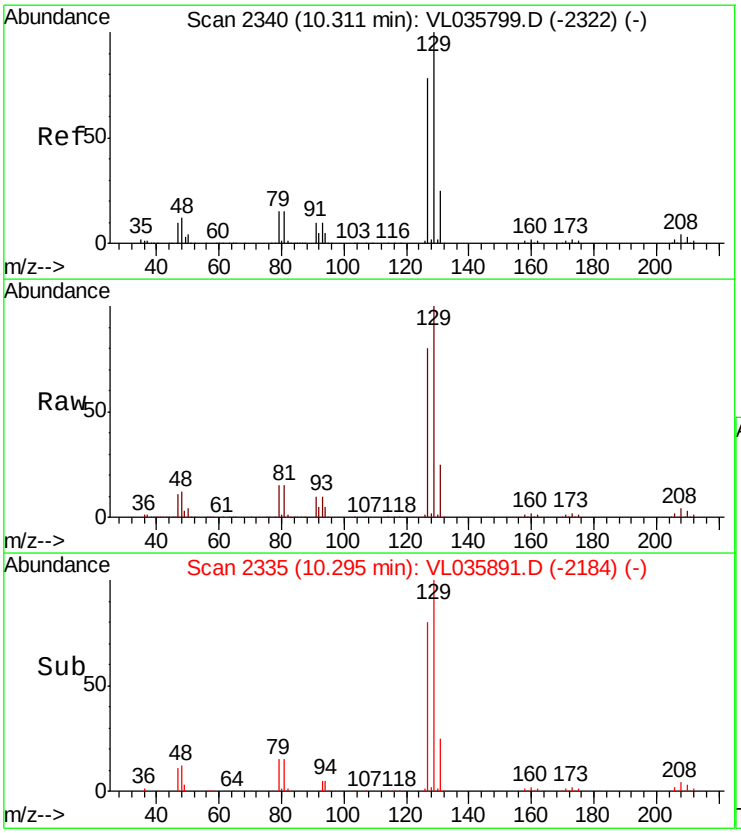
#47
1,1,2-Trichloroethane
Concen: 10.829 ppbv
RT: 9.46 min Scan# 2076
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 97 Resp: 1442508

Ion	Ratio	Lower	Upper
97	100		
83	84.9	67.1	100.7
85	55.5	44.7	67.1
99	63.2	49.7	74.5

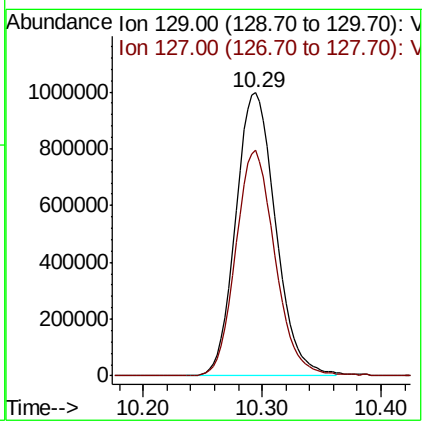


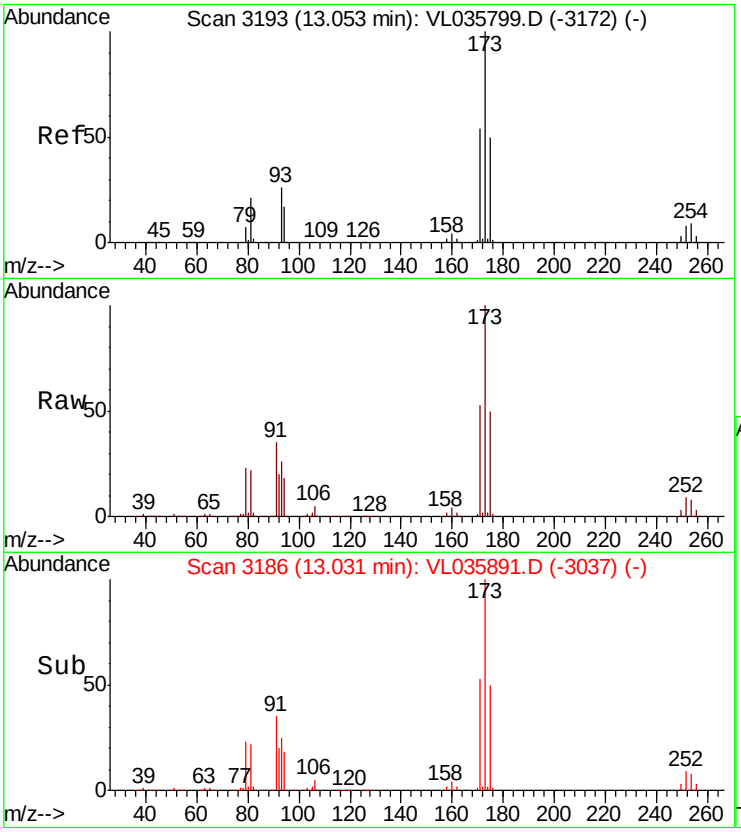


#48
Dibromochloromethane
Concen: 11.412 ppbv
RT: 10.29 min Scan# 2335
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:129 Resp: 2322363

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.2	117.6



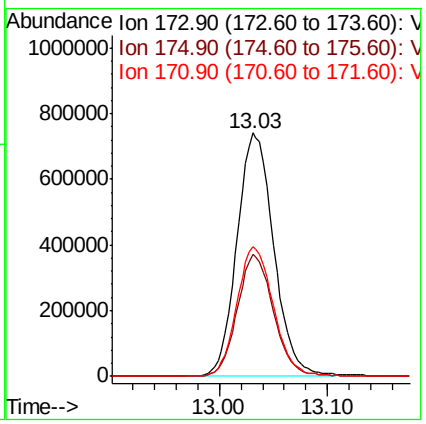


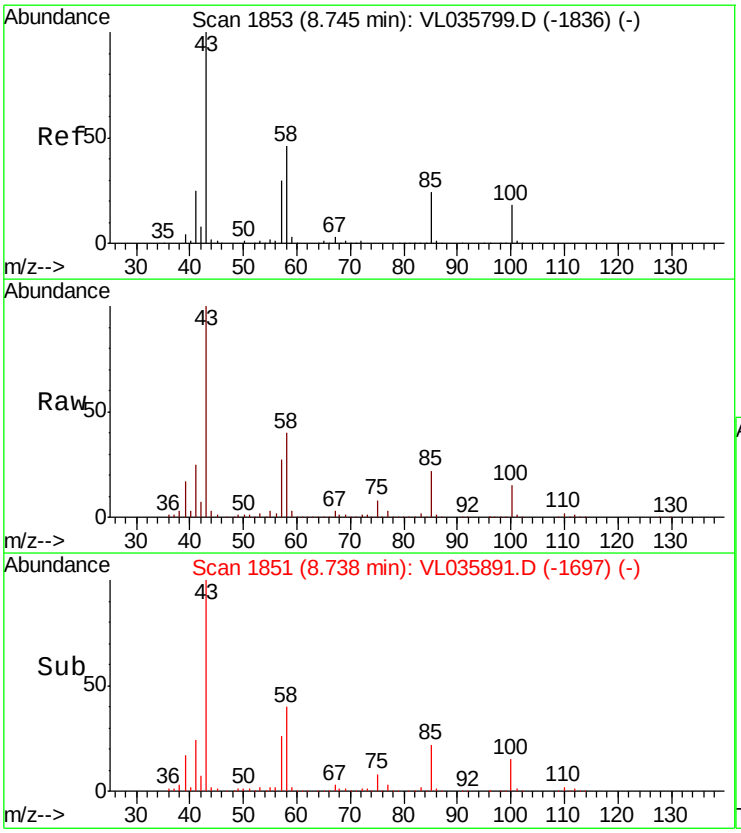
#49
Bromoform
Concen: 10.236 ppbv
RT: 13.03 min Scan# 3186
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:173 Resp: 1757620

Ion	Ratio	Lower	Upper
173	100		
175	49.6	40.1	60.1
171	53.4	42.6	63.8

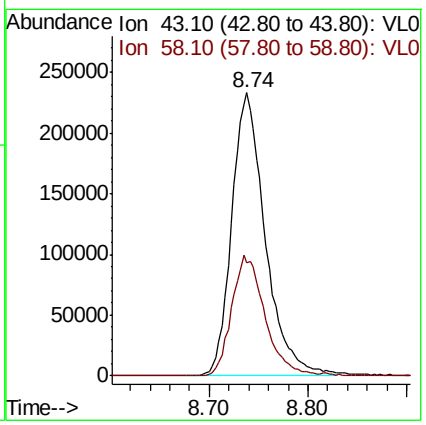


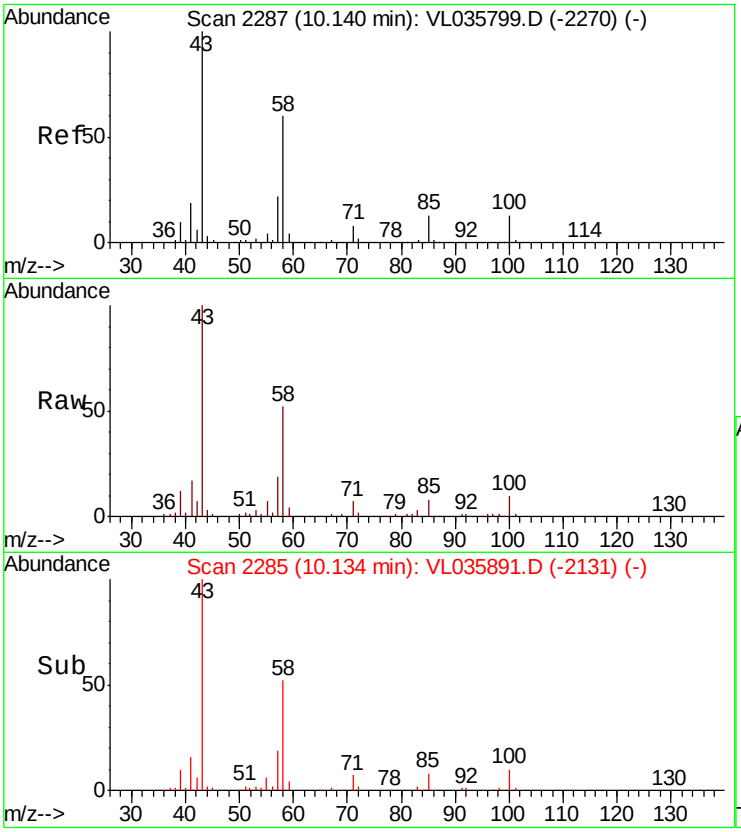


#50
4-Methyl-2-Pentanone
Concen: 2.840 ppbv
RT: 8.74 min Scan# 1851
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 43 Resp: 550536

Ion	Ratio	Lower	Upper
43	100		
58	42.8	36.0	54.0



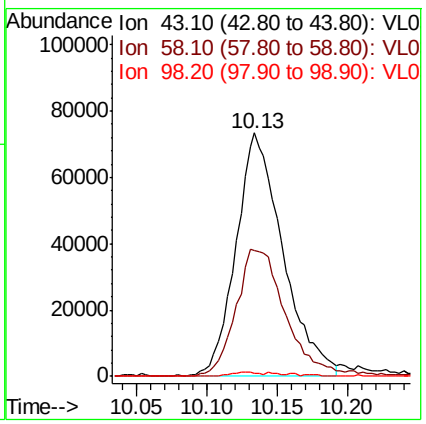


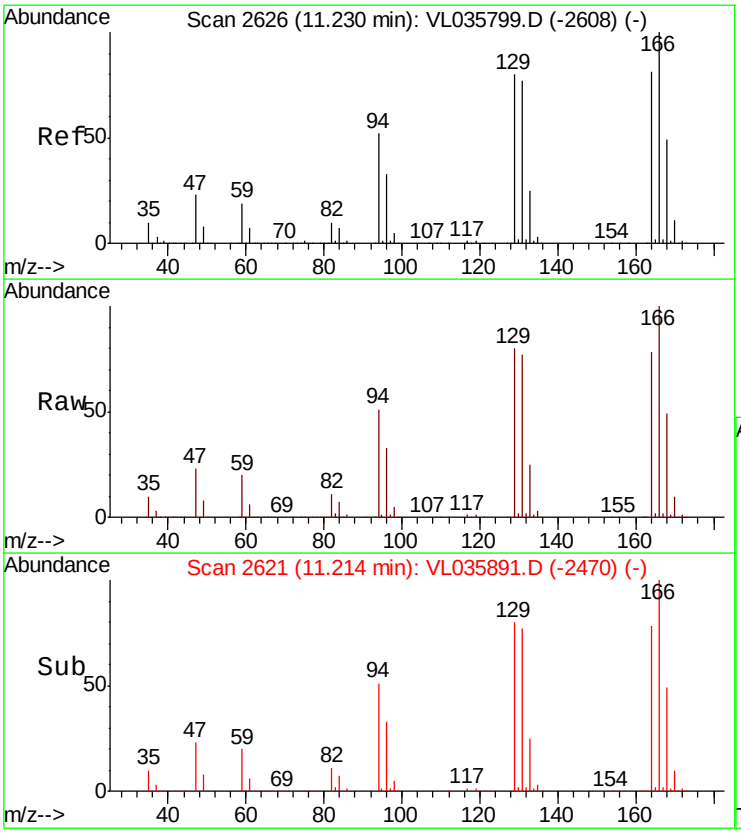
#51
2-Hexanone
Concen: 1.088 ppbv
RT: 10.13 min Scan# 2285
Delta R.T. -0.01 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 43 Resp: 169348

Ion	Ratio	Lower	Upper
43	100		
58	56.3	48.3	72.5
98	2.3	0.6	0.8#

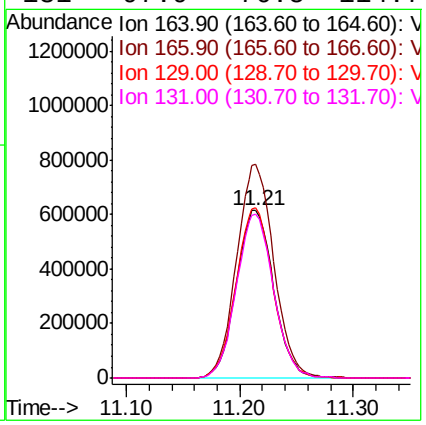


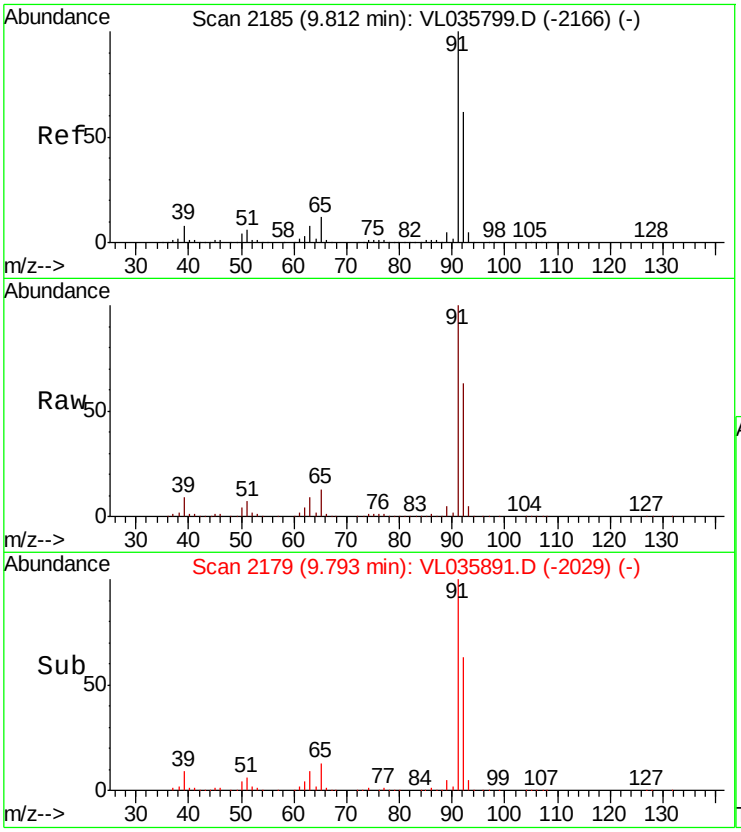


#52
Tetrachloroethene
Concen: 10.252 ppbv
RT: 11.21 min Scan# 2621
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:164 Resp: 1410328

Ion	Ratio	Lower	Upper
164	100		
166	127.6	99.3	148.9
129	101.7	79.3	118.9
131	97.9	76.5	114.7



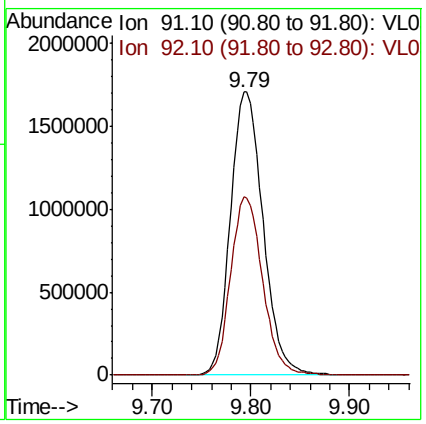


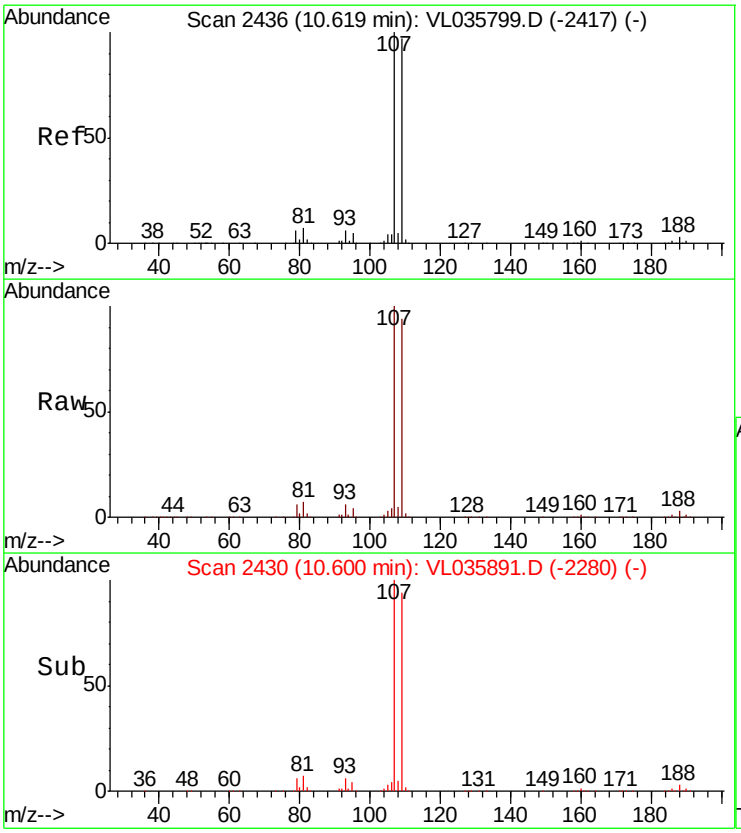
#53
Toluene
Concen: 11.148 ppbv
RT: 9.79 min Scan# 2179
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 91 Resp: 3905917

Ion	Ratio	Lower	Upper
91	100		
92	62.0	49.8	74.6

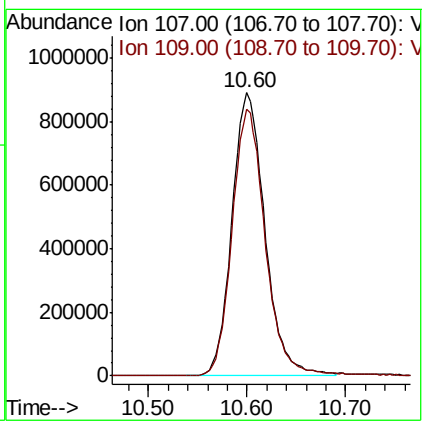


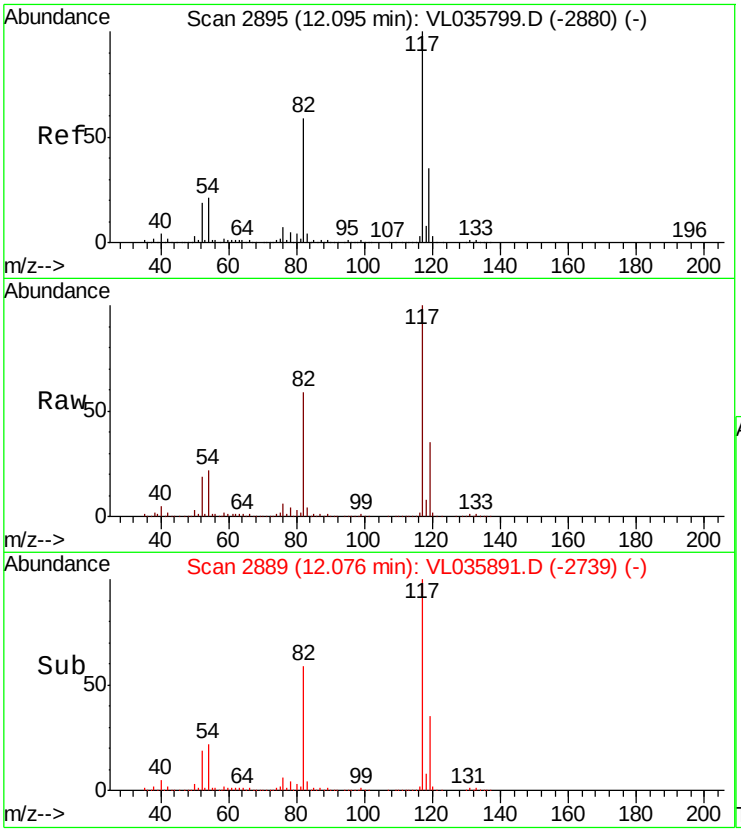


#54
1,2-Dibromoethane
Concen: 10.213 ppbv
RT: 10.60 min Scan# 2430
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:107 Resp: 2068937

Ion	Ratio	Lower	Upper
107	100		
109	94.2	77.2	115.8



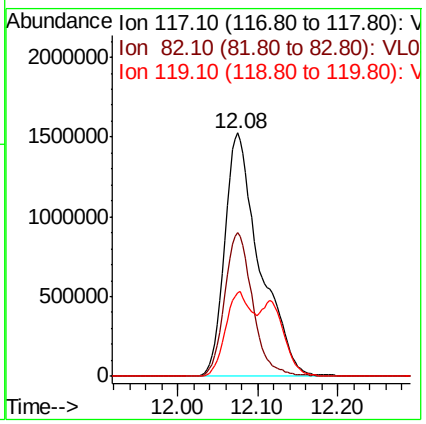


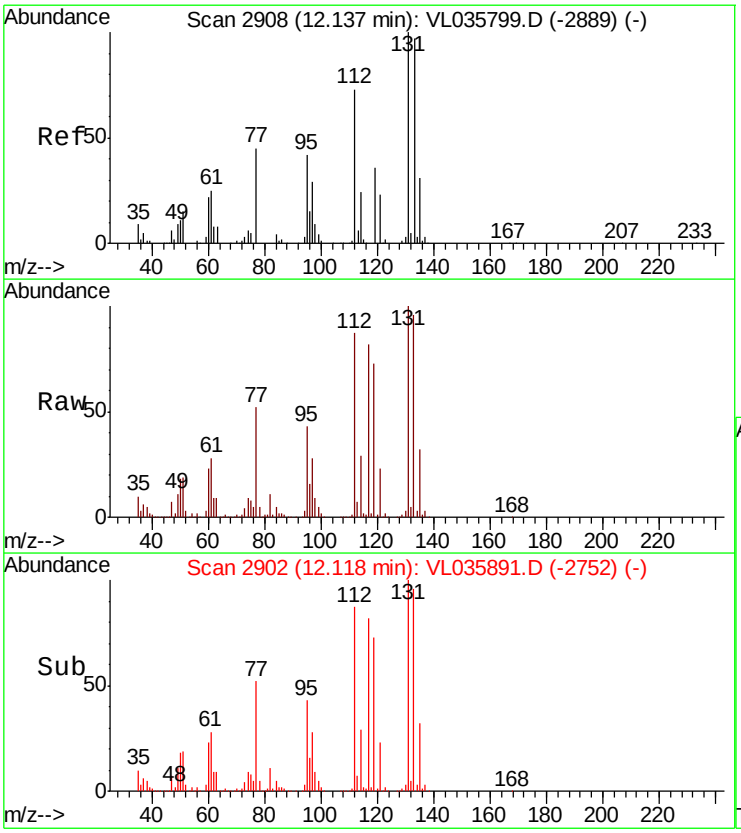
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:117 Resp: 4566010

Ion	Ratio	Lower	Upper
117	100		
82	47.4	50.6	76.0#
119	26.5	52.6	78.8#

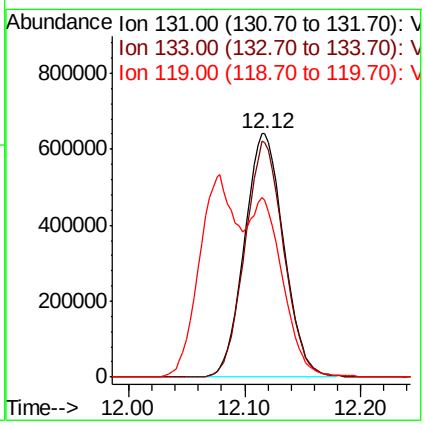


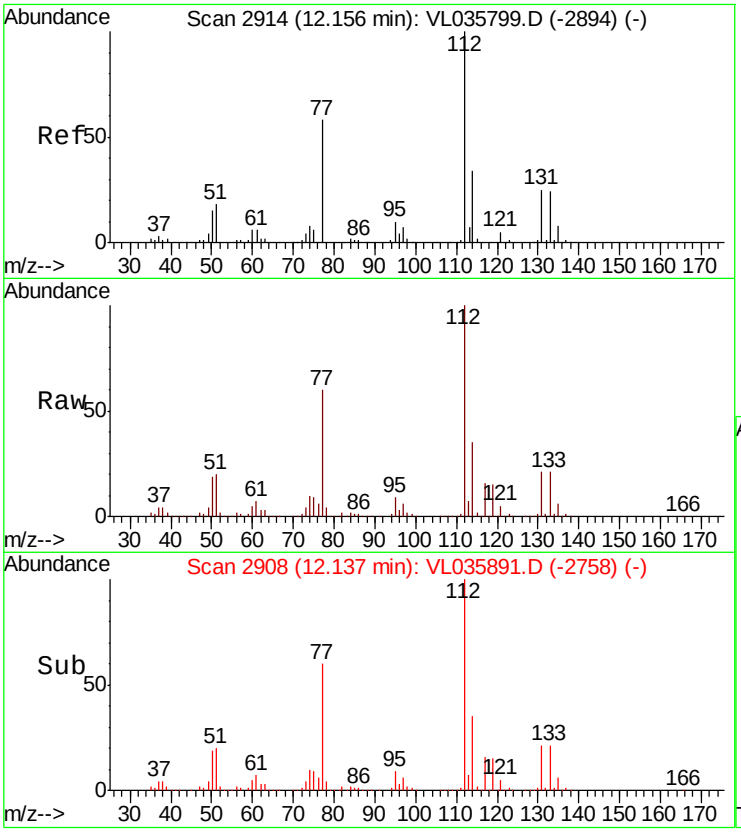


#56
1,1,1,2-Tetrachloroethane
Concen: 7.391 ppbv
RT: 12.12 min Scan# 2902
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:131 Resp: 1514627

Ion	Ratio	Lower	Upper
131	100		
133	95.9	76.8	115.2
119	60.2	47.4	71.0



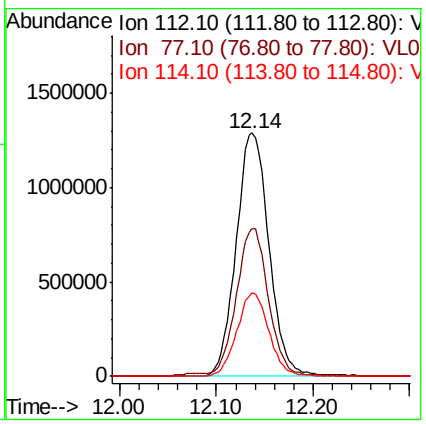


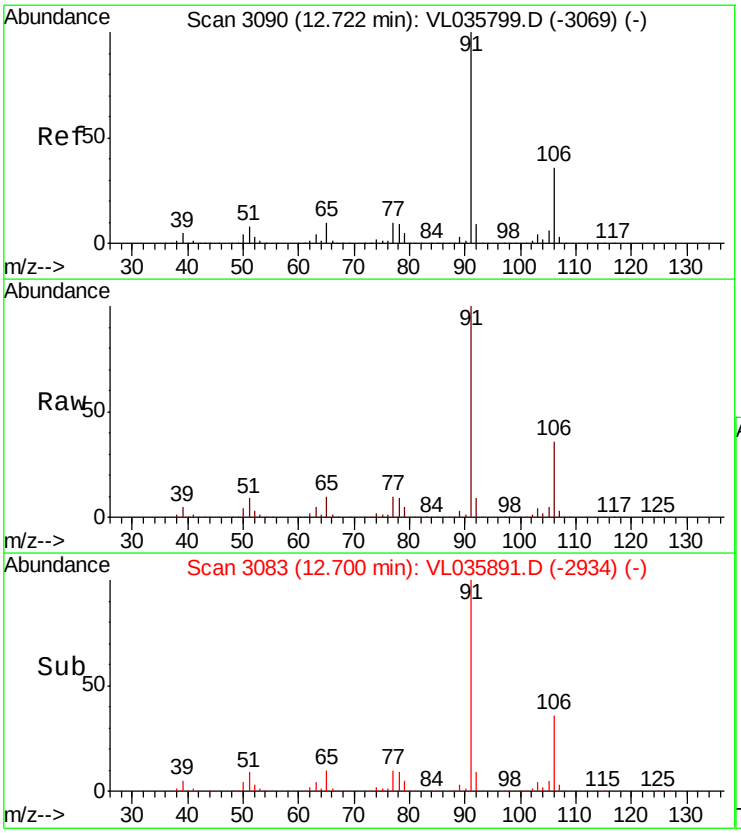
#57
Chlorobenzene
Concen: 8.385 ppbv
RT: 12.14 min Scan# 2908
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:112 Resp: 3044065

Ion	Ratio	Lower	Upper
112	100		
77	60.1	47.5	71.3
114	34.5	30.3	37.1

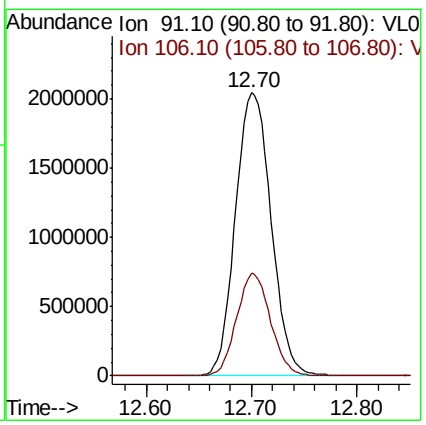


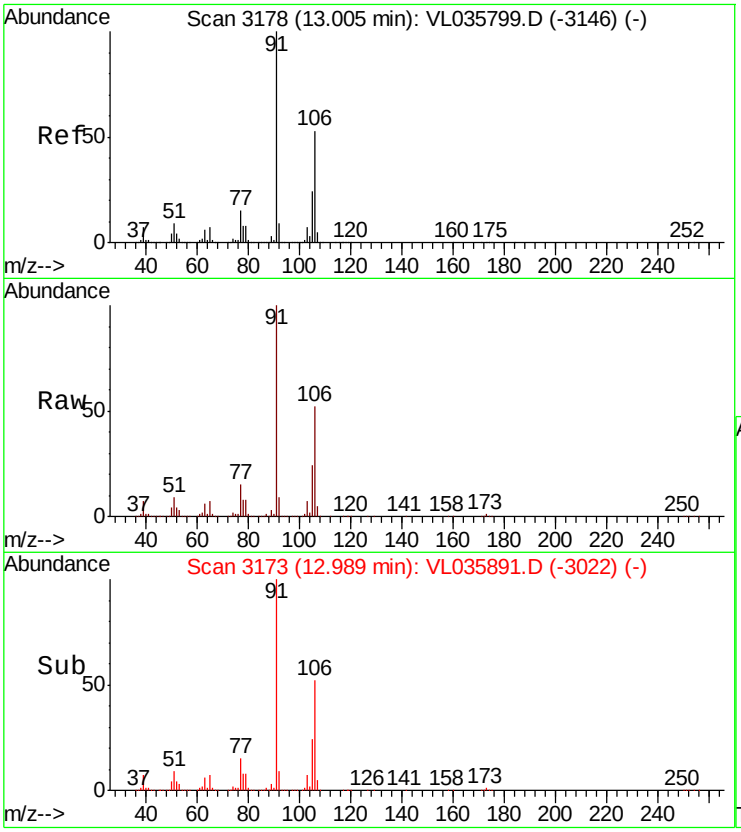


#58
Ethyl Benzene
Concen: 8.666 ppbv
RT: 12.70 min Scan# 3083
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 91 Resp: 4819290

Ion	Ratio	Lower	Upper
91	100		
106	36.2	28.6	43.0



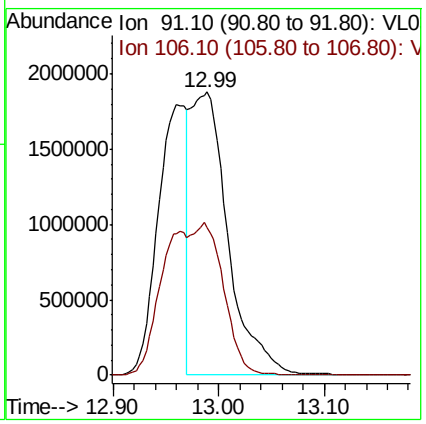


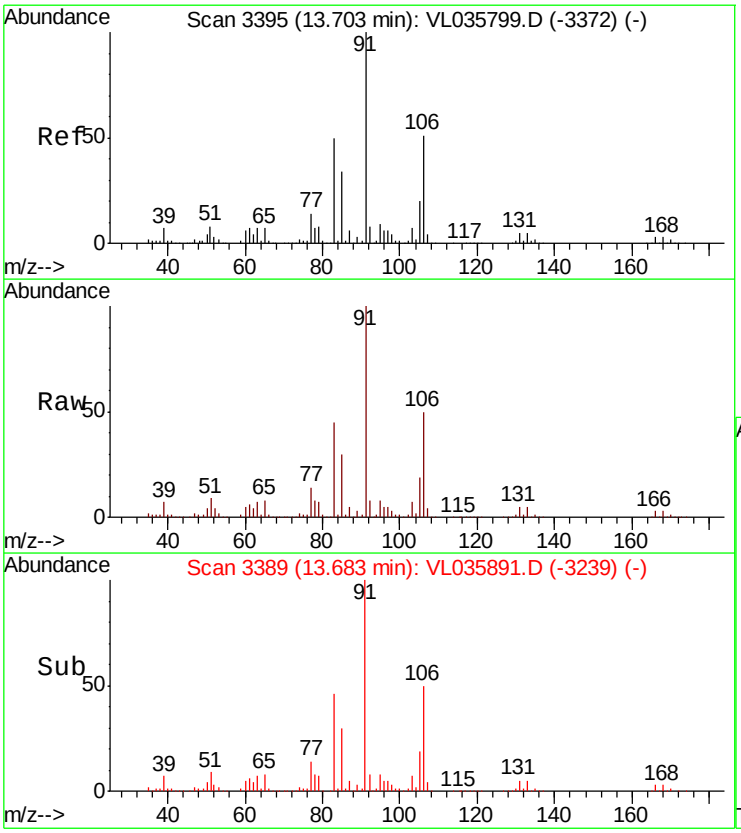
#59
m/p-Xylene
Concen: 9.777 ppbv
RT: 12.99 min Scan# 3173
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 91 Resp: 4600082

Ion	Ratio	Lower	Upper
91	100		
106	86.2	39.5	59.3#

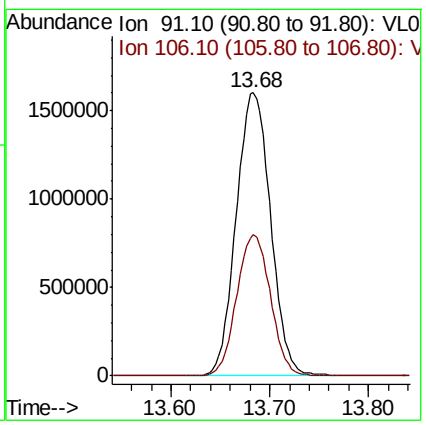


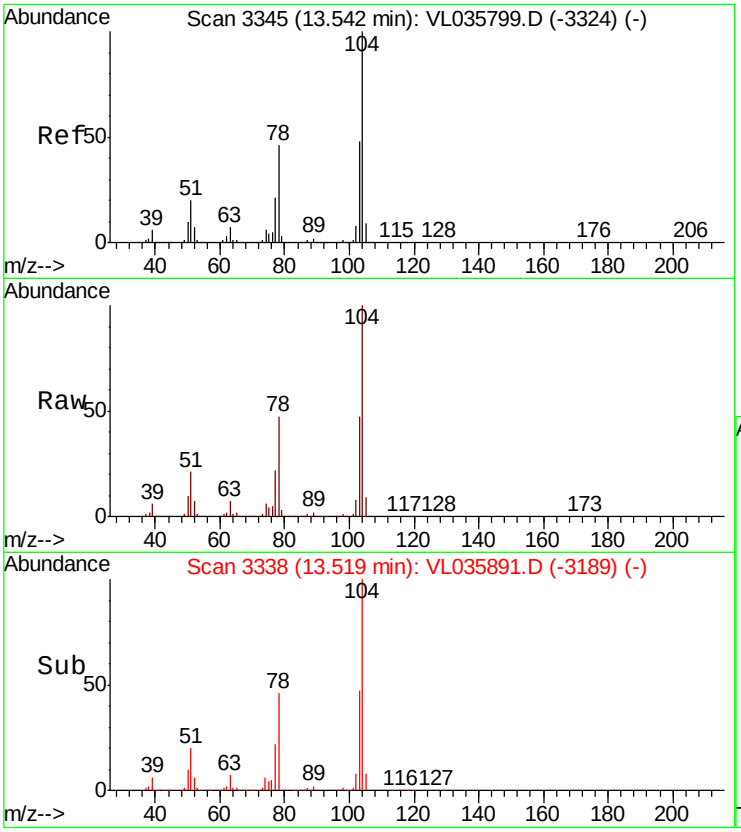


#60
o-Xylene
Concen: 8.450 ppbv
RT: 13.68 min Scan# 3389
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 91 Resp: 3867571

Ion	Ratio	Lower	Upper
91	100		
106	49.1	24.8	74.4



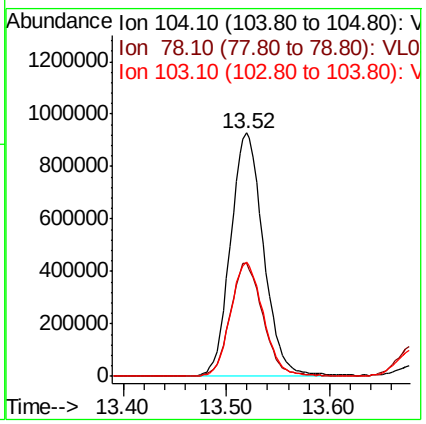


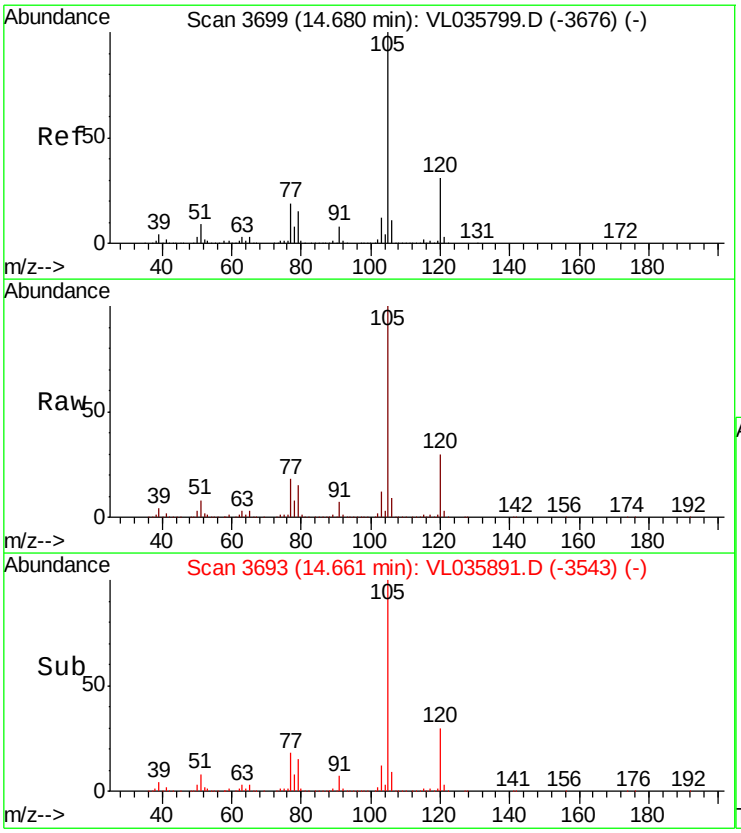
#61
Stvrene
Concen: 6.168 ppbv
RT: 13.52 min Scan# 3338
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:104 Resp: 2068481

Ion	Ratio	Lower	Upper
104	100		
78	46.2	37.1	55.7
103	46.8	37.9	56.9

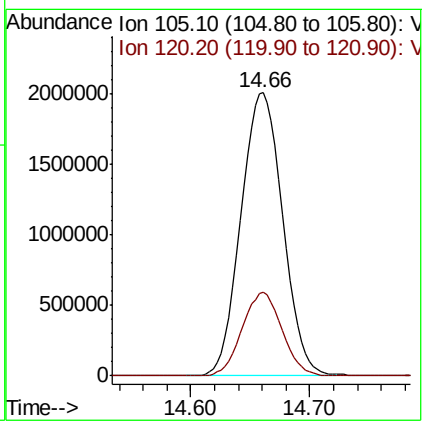


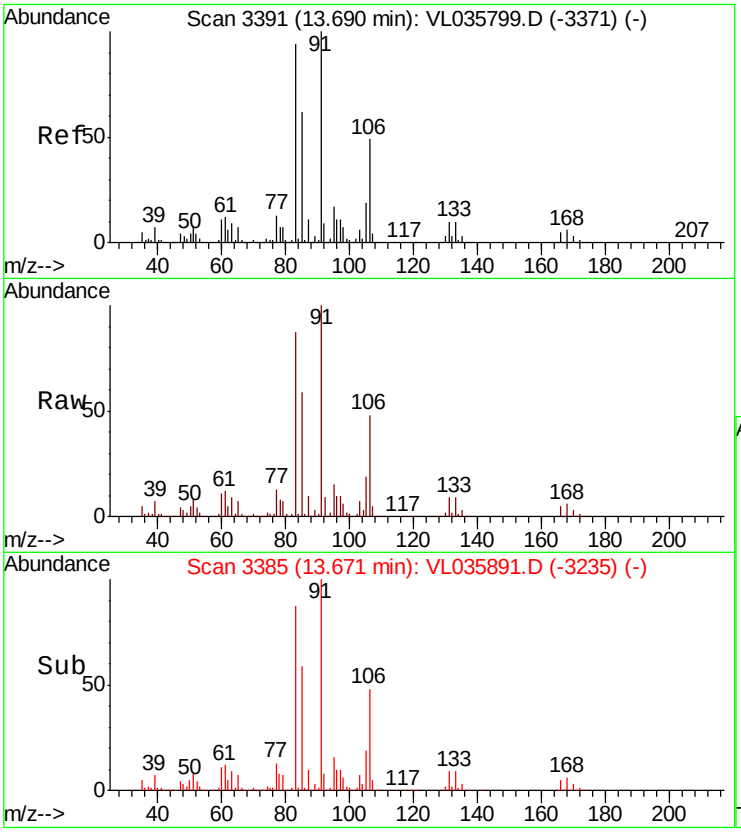


#62
Isopropylbenzene
Concen: 6.779 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:105 Resp: 4876895

Ion	Ratio	Lower	Upper
105	100		
120	28.3	23.5	35.3



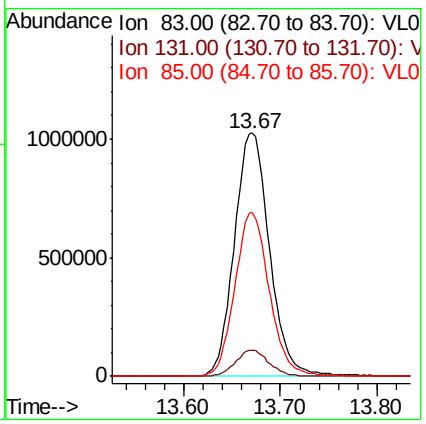


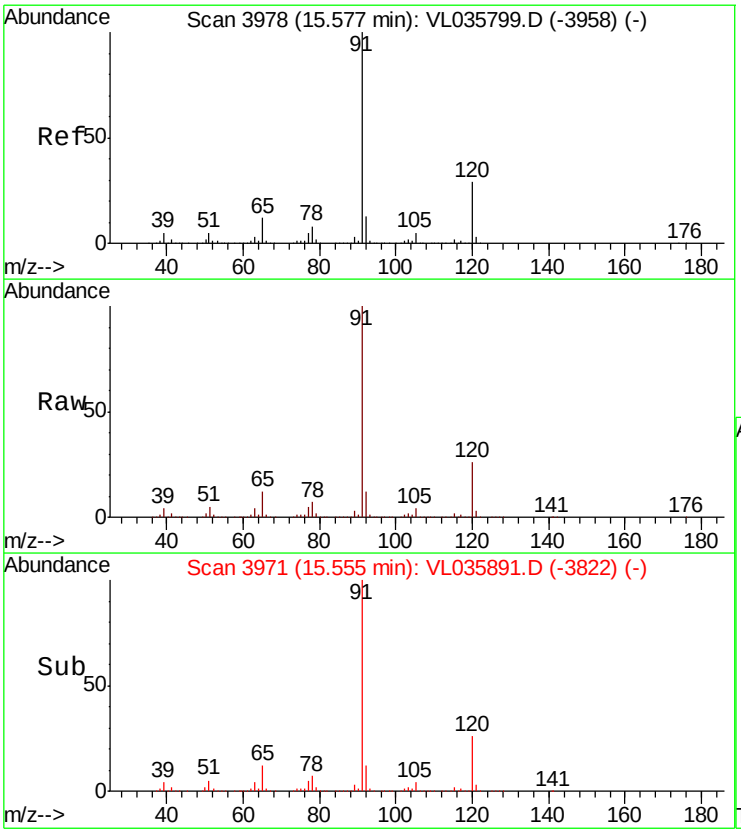
#63
1,1,2,2-Tetrachloroethane
Concen: 7.285 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion: 83 Resp: 2583456

Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	66.5	33.5	100.4

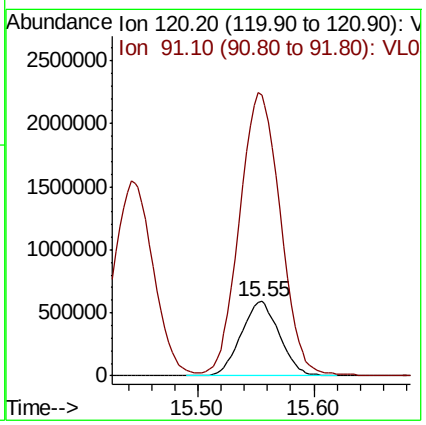


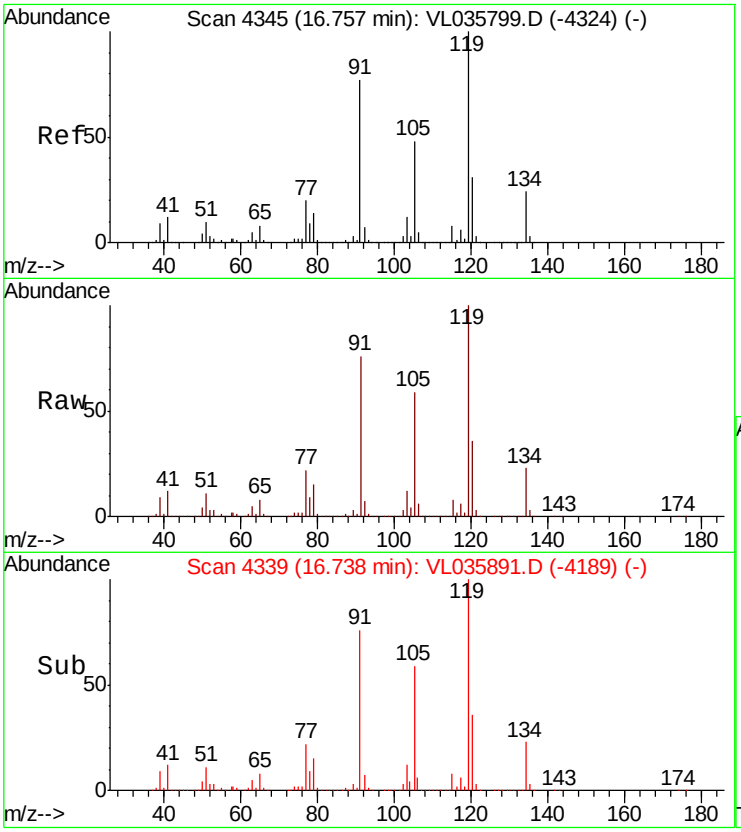


#64
n-propylbenzene
Concen: 6.527 ppbv
RT: 15.55 min Scan# 3971
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:120 Resp: 1357219

Ion	Ratio	Lower	Upper
120	100		
91	407.9	311.1	466.7



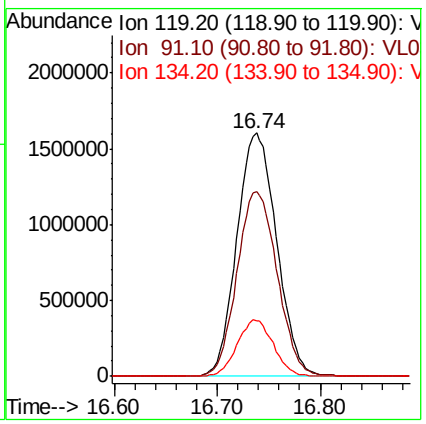


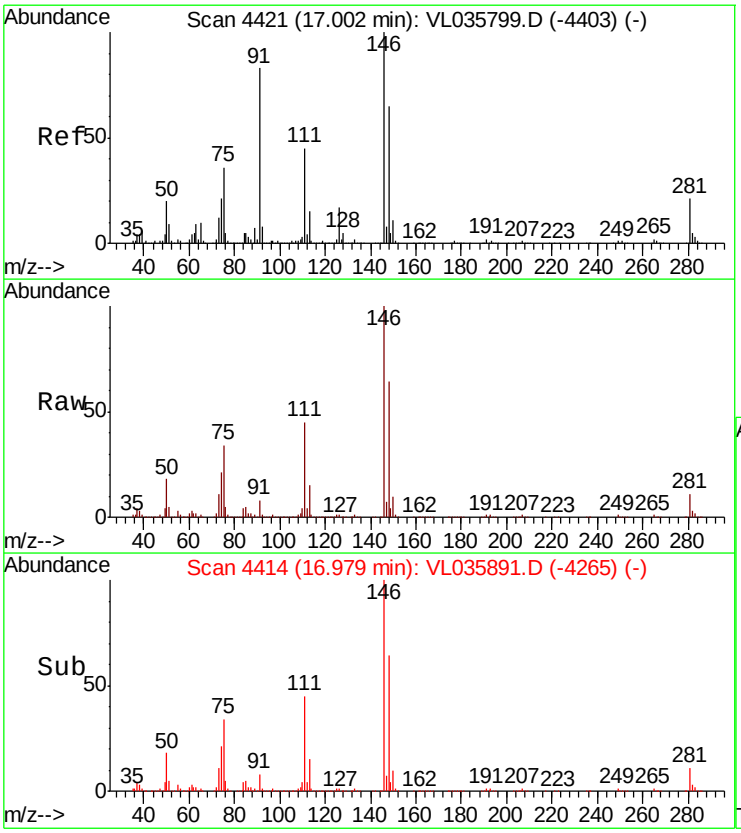
#65
tert-Butylbenzene
Concen: 6.573 ppbv
RT: 16.74 min Scan# 4339
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:119 Resp: 4304079

Ion	Ratio	Lower	Upper
119	100		
91	76.9	62.0	93.0
134	21.2	17.8	26.8

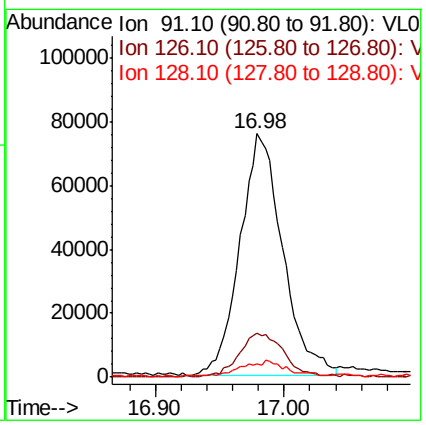


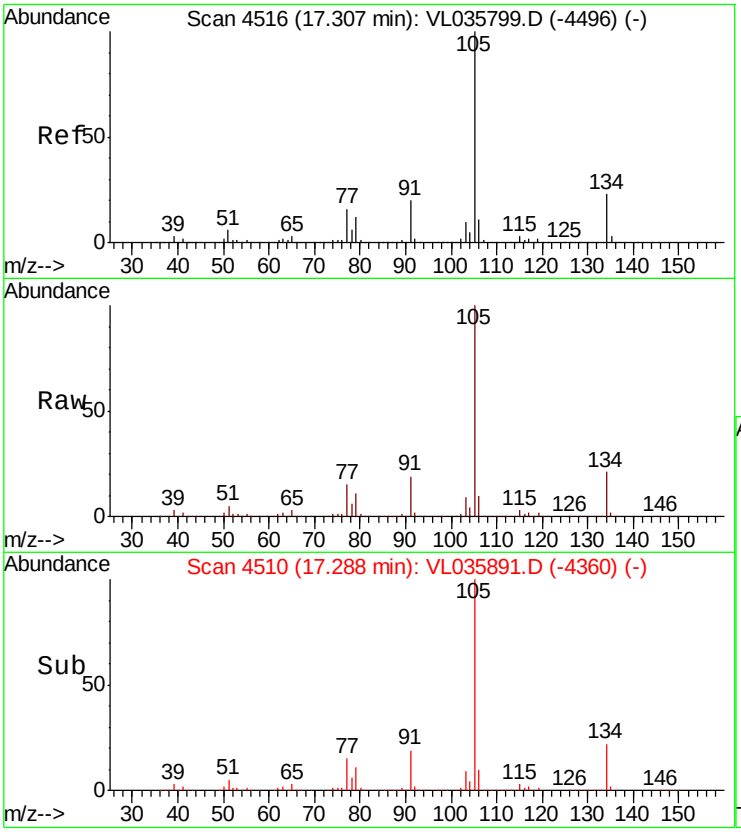


#66
Benzyl Chloride
Concen: 0.805 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 91 Resp: 174300

Ion	Ratio	Lower	Upper
91	100		
126	19.8	16.0	24.0
128	7.4	5.0	7.4



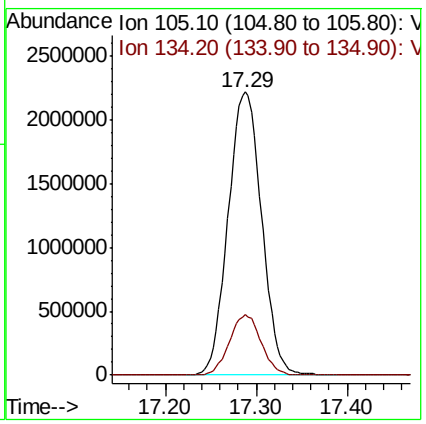


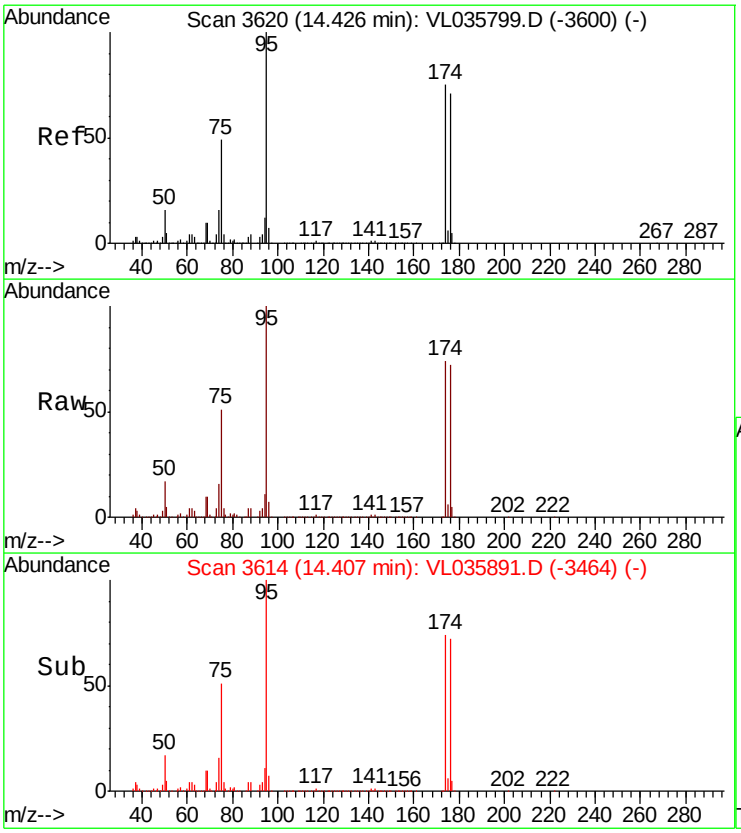
#67
sec-Butylbenzene
Concen: 6.414 ppbv
RT: 17.29 min Scan# 4510
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 5659410

Ion	Ratio	Lower	Upper
105	100		
134	20.2	17.0	25.6

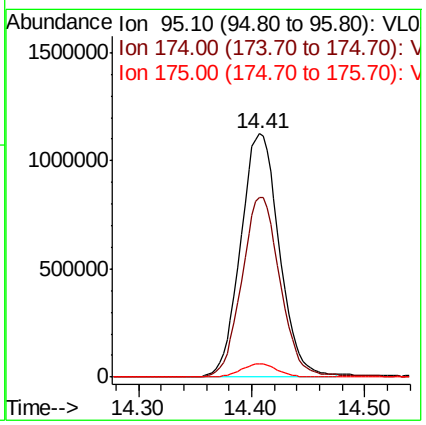


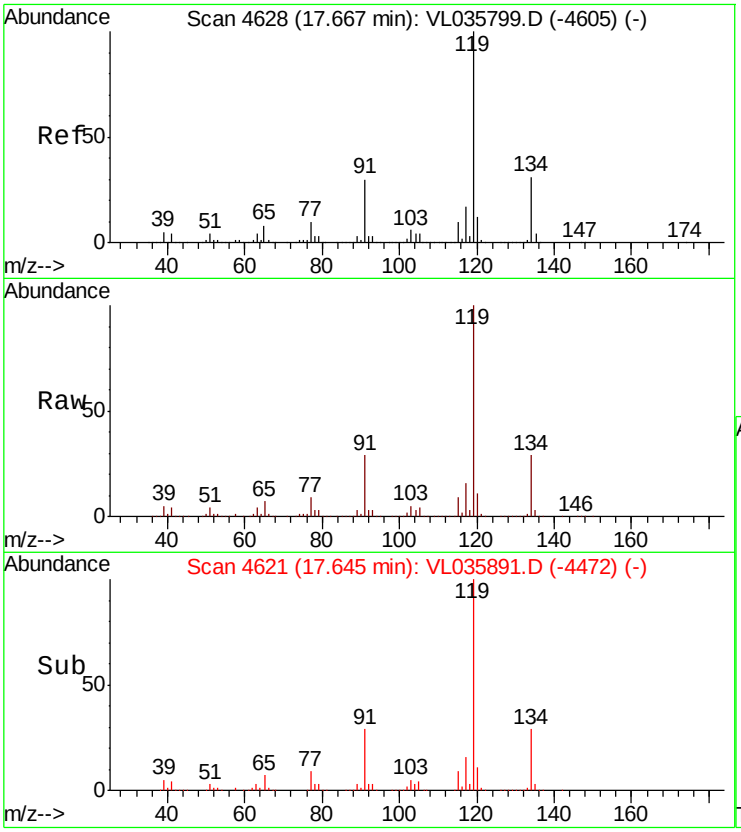


#68
1-Bromo-4-Fluorobenzene
Concen: 8.260 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 95 Resp: 2679521

Ion	Ratio	Lower	Upper
95	100		
174	74.4	59.8	89.6
175	5.3	4.3	6.5



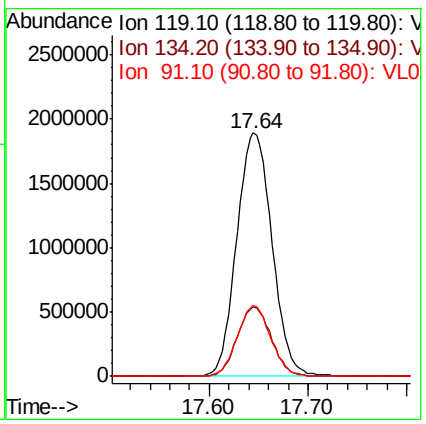


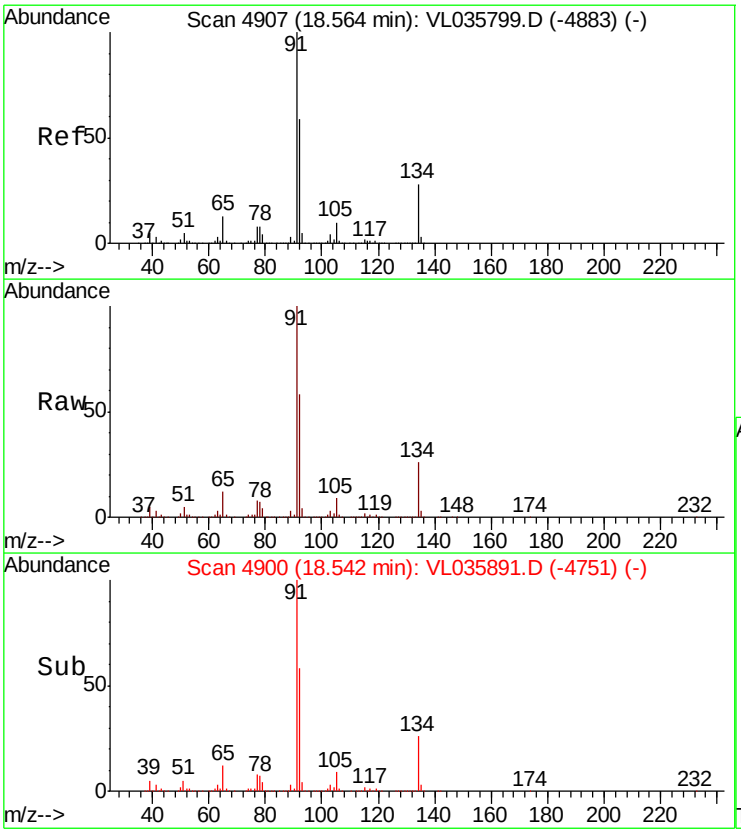
#69
p-Isopropyltoluene
Concen: 6.430 ppbv
RT: 17.64 min Scan# 4621
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion:119 Resp: 4682292

Ion	Ratio	Lower	Upper
119	100		
134	27.6	23.0	34.6
91	27.6	22.8	34.2

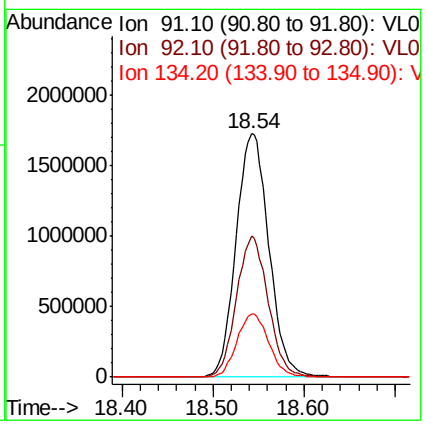


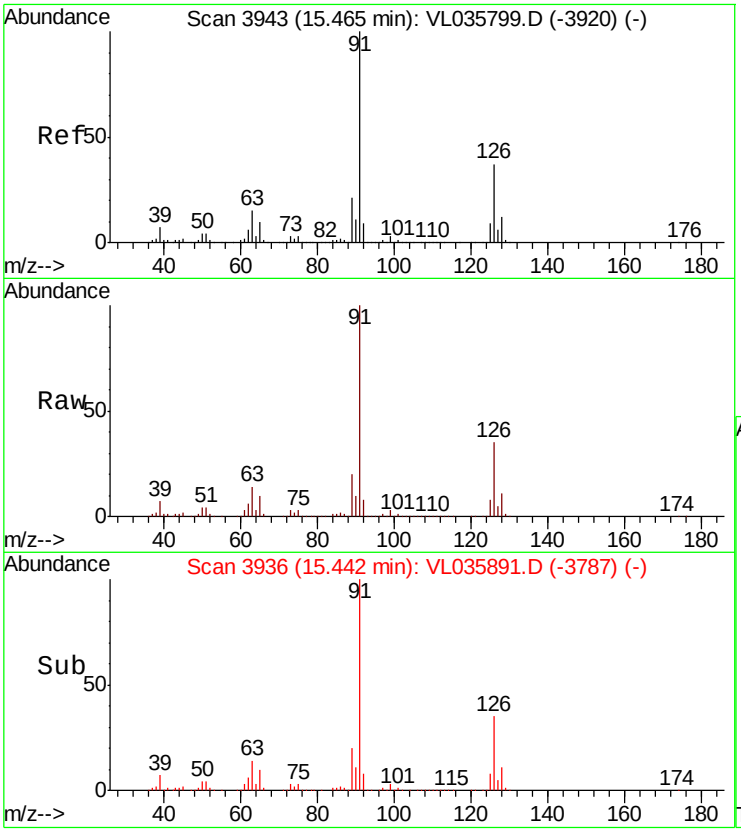


#70
n-Butylbenzene
Concen: 6.150 ppbv
RT: 18.54 min Scan# 4900
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion: 91 Resp: 4312979

Ion	Ratio	Lower	Upper
91	100		
92	56.1	45.7	68.5
134	25.3	21.0	31.4



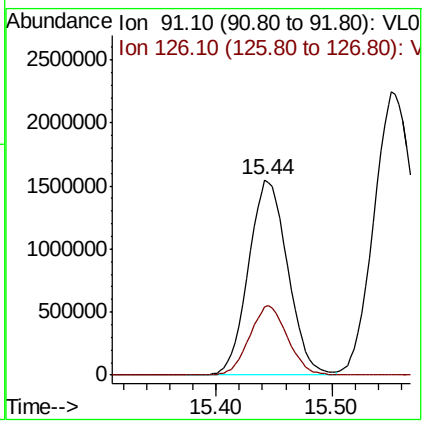


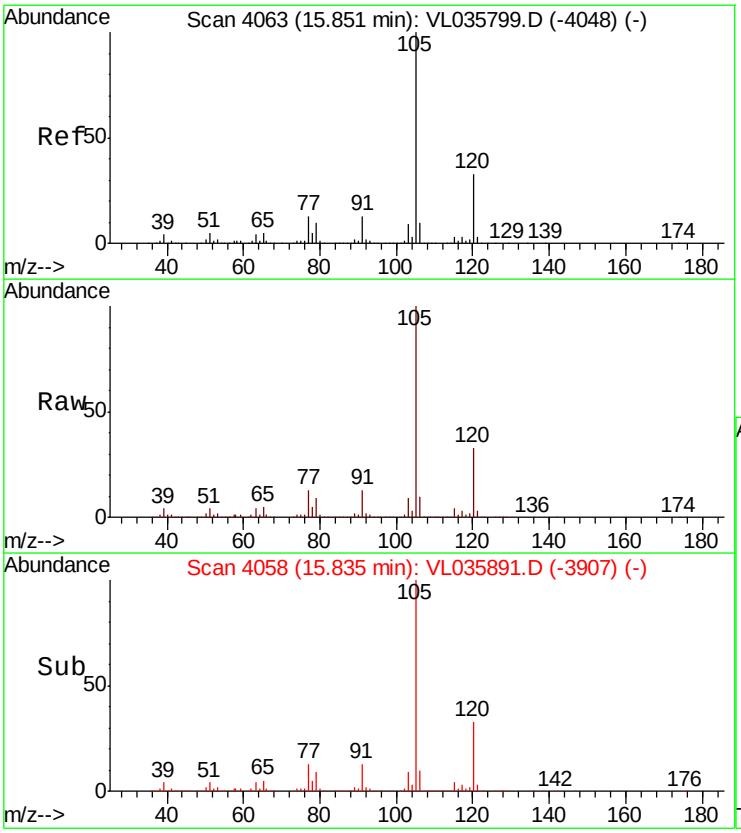
#71
2-Chlorotoluene
Concen: 6.925 ppbv
RT: 15.44 min Scan# 3936
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument : MSVOA_L
ClientSampleId : BFB

Tgt Ion: 91 Resp: 3643737

Ion	Ratio	Lower	Upper
91	100		
126	34.5	14.3	57.1

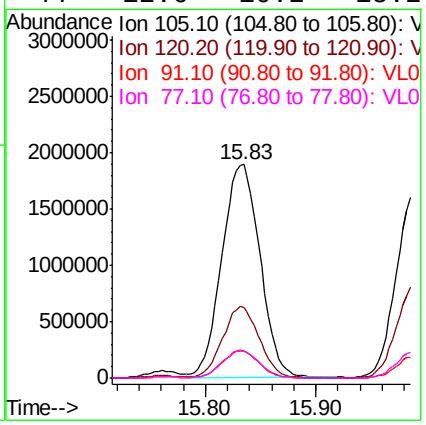


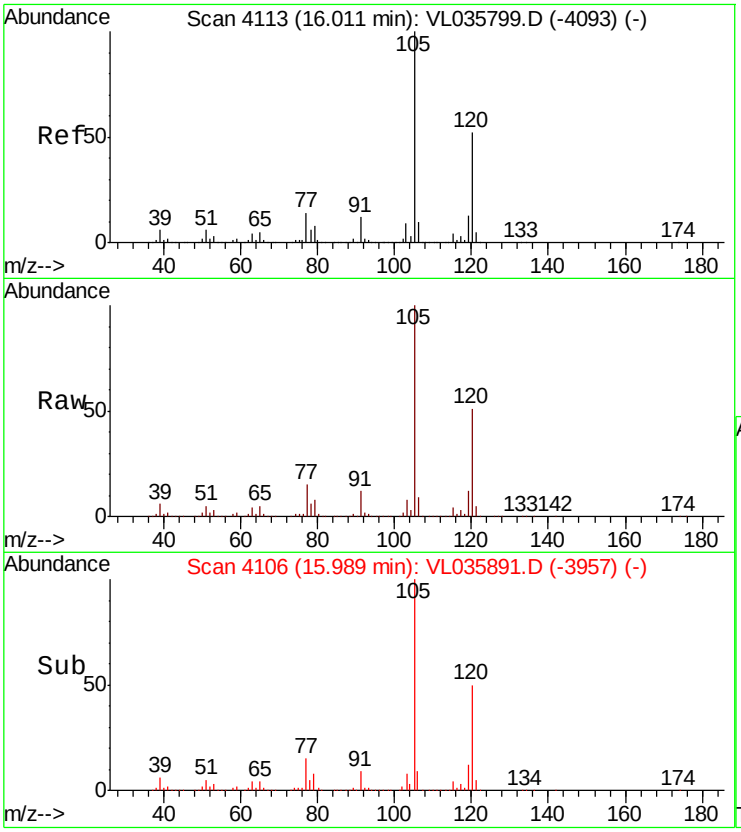


#72
4-Ethyltoluene
Concen: 8.175 ppbv
RT: 15.83 min Scan# 4058
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:105 Resp: 4537979

Ion	Ratio	Lower	Upper
105	100		
120	32.4	25.9	38.9
91	12.4	9.9	14.9
77	12.6	10.2	15.2



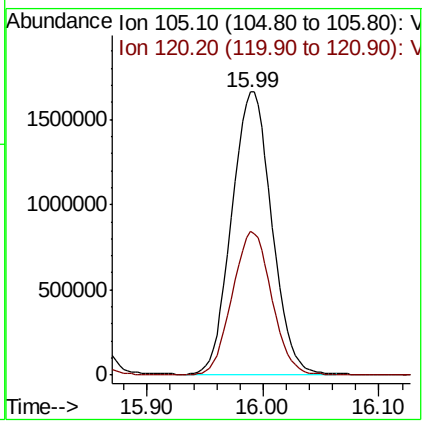


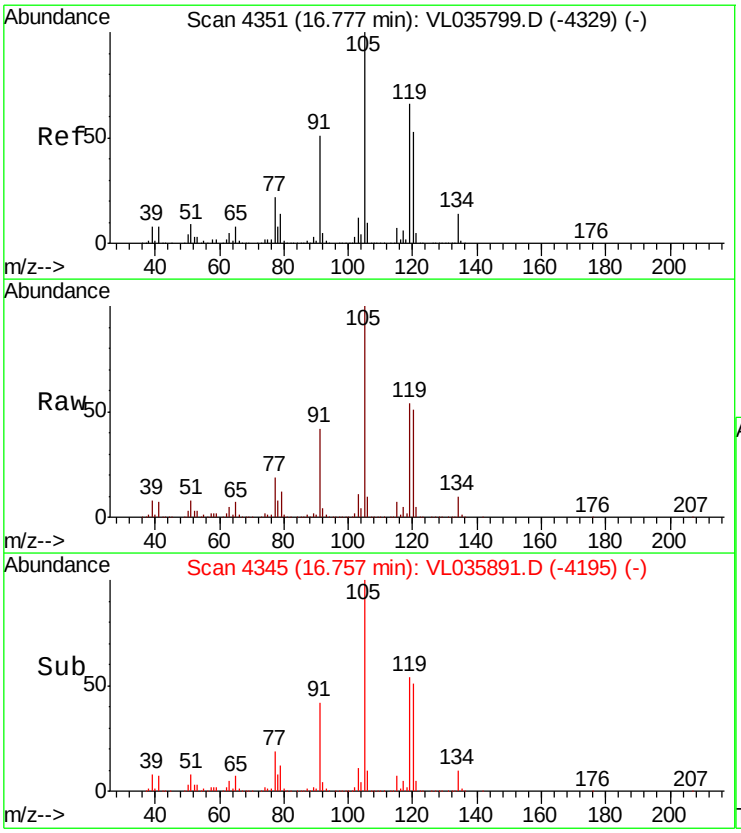
#73
1,3,5-Trimethylbenzene
Concen: 7.793 ppbv
RT: 15.99 min Scan# 4106
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:105 Resp: 3958696

Ion	Ratio	Lower	Upper
105	100		
120	50.8	41.4	62.2

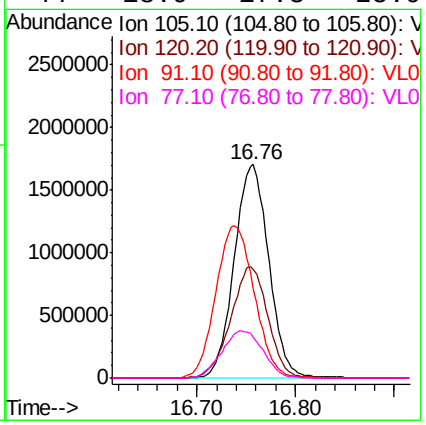


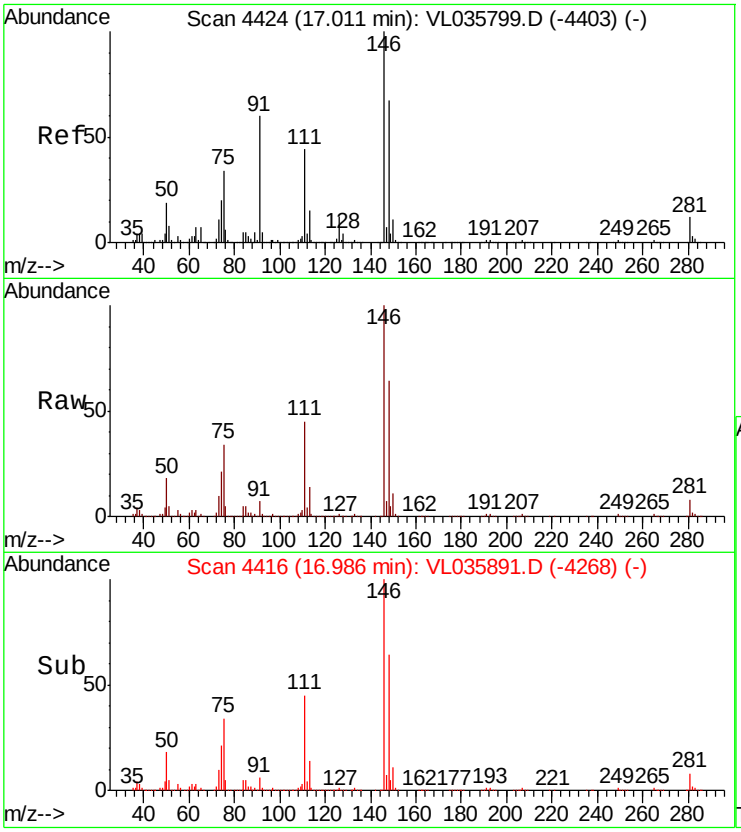


#74
1,2,4-Trimethylbenzene
Concen: 7.595 ppbv
RT: 16.76 min Scan# 4345
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:105 Resp: 4134068

Ion	Ratio	Lower	Upper
105	100		
120	50.8	42.0	63.0
91	41.7	41.0	61.6
77	18.9	17.3	25.9



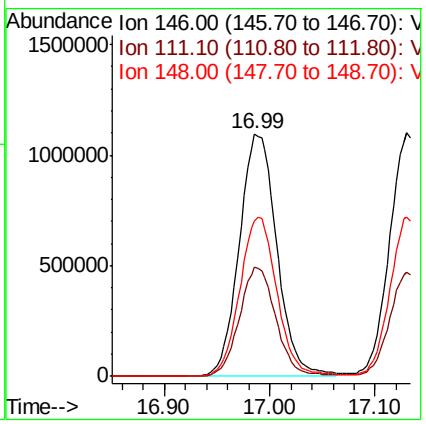


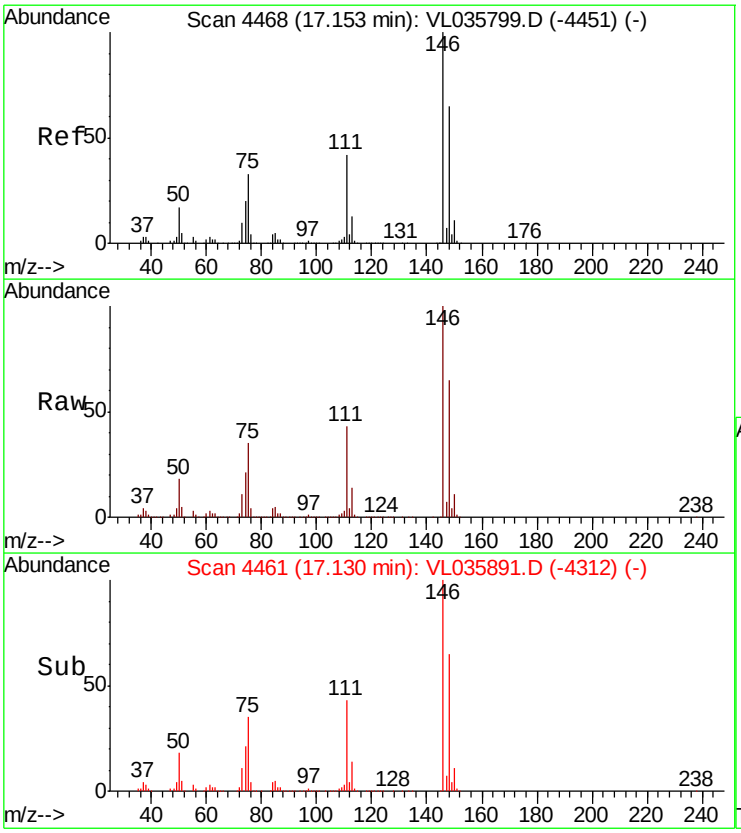
#75
1,3-Dichlorobenzene
Concen: 7.846 ppbv
RT: 16.99 min Scan# 4416
Delta R.T. -0.03 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 2719193

Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.8	65.4
148	64.9	32.5	97.5

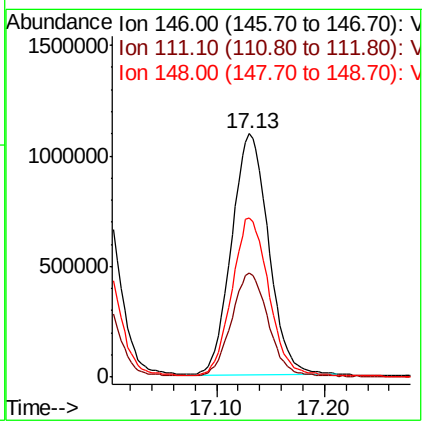


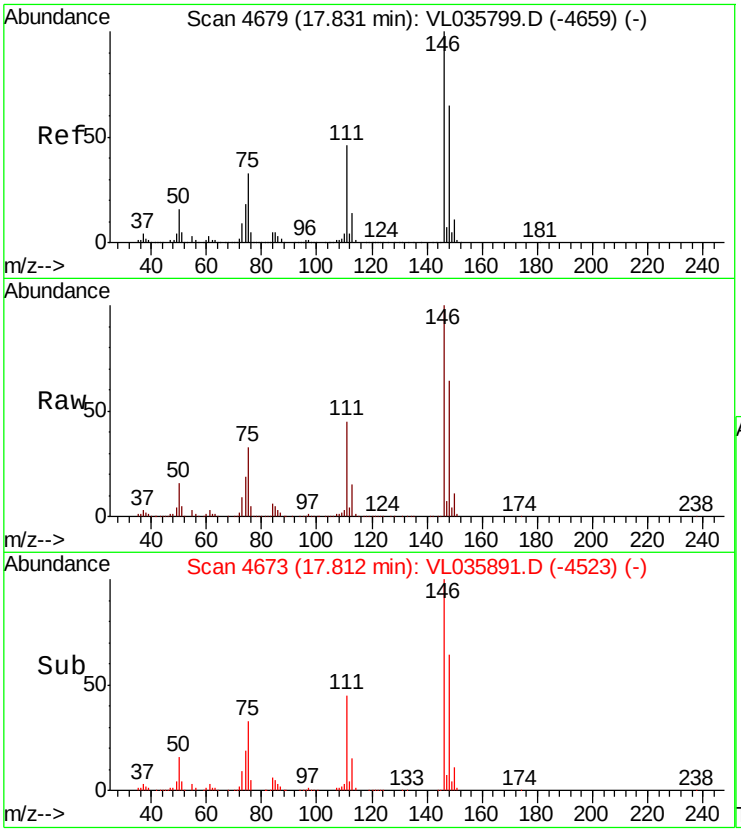


#76
1,4-Dichlorobenzene
Concen: 7.841 ppbv
RT: 17.13 min Scan# 4461
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:146 Resp: 2621594

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.3	63.7
148	66.2	33.0	99.0



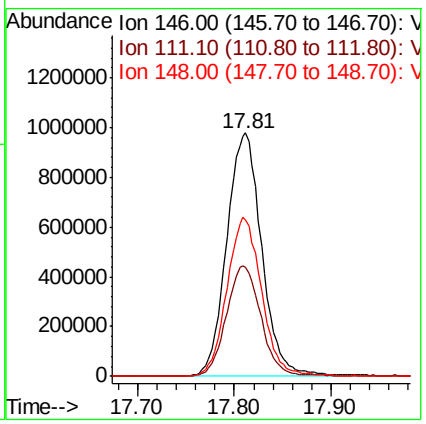


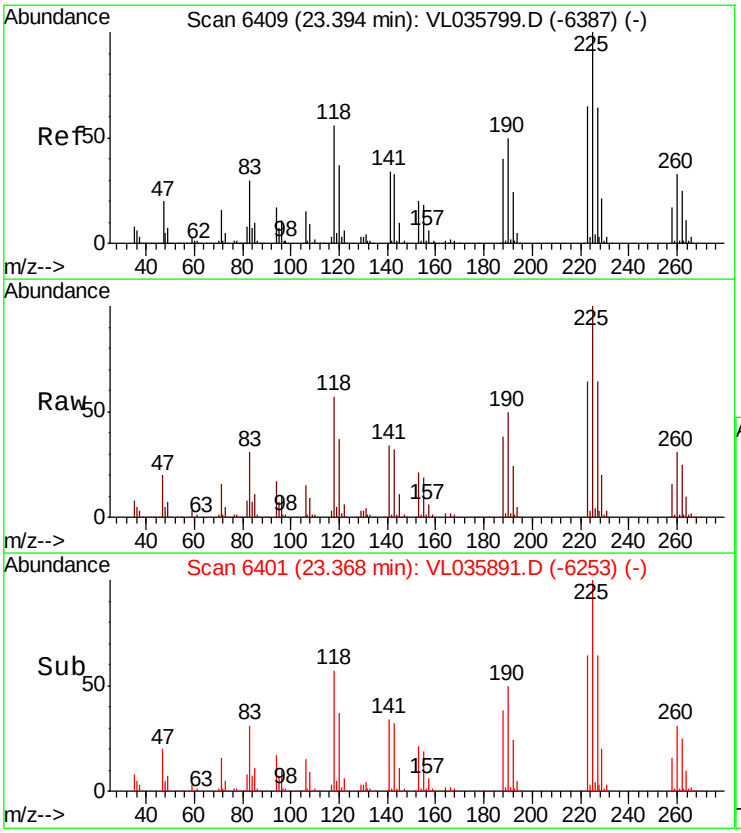
#77
1,2-Dichlorobenzene
Concen: 7.211 ppbv
RT: 17.81 min Scan# 4673
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:146 Resp: 2436251

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.4	67.0
148	65.1	32.5	97.5

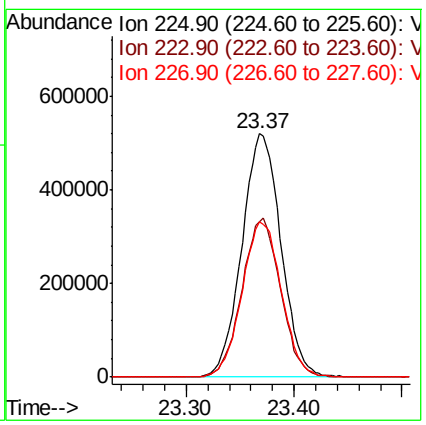


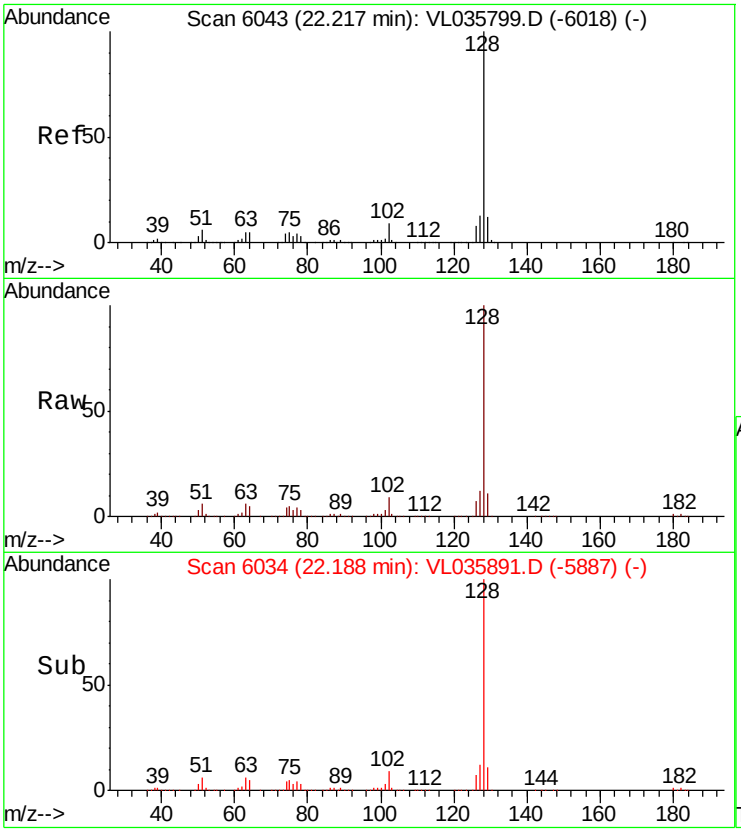


#78
Hexachloro-1,3-Butadiene
Concen: 8.316 ppbv
RT: 23.37 min Scan# 6401
Delta R.T. -0.03 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:225 Resp: 1310880

Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	64.7	51.2	76.8



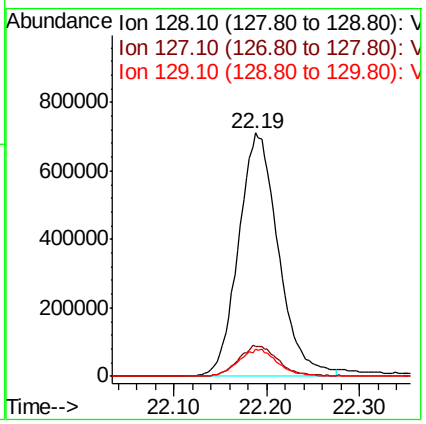


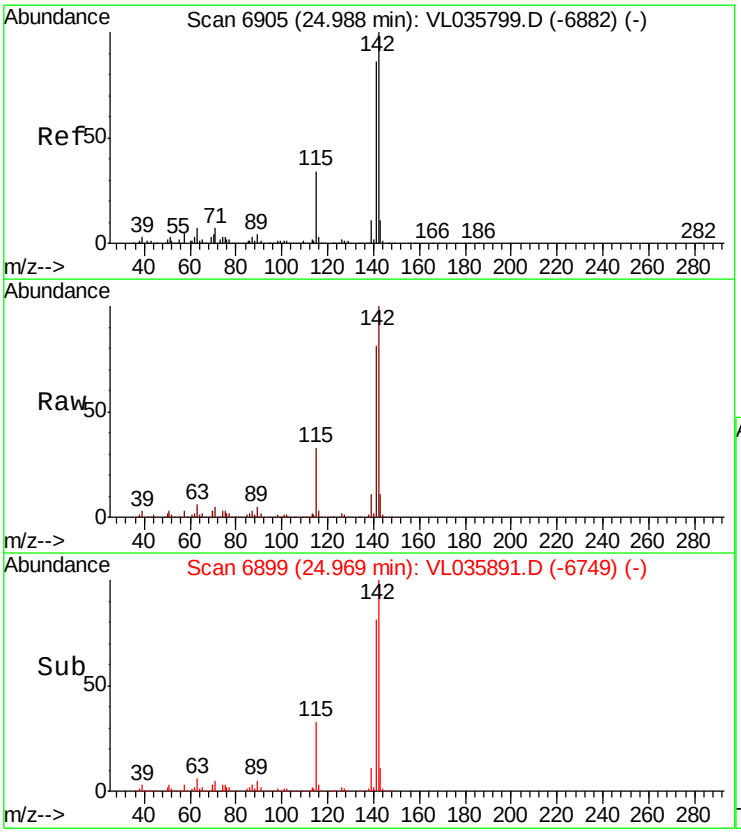
#79
Naphthalene
Concen: 5.593 ppbv
RT: 22.19 min Scan# 6034
Delta R.T. -0.03 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:128 Resp: 2122369

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	11.1	9.2	13.8

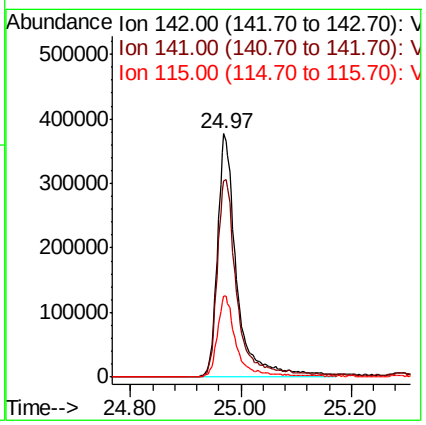


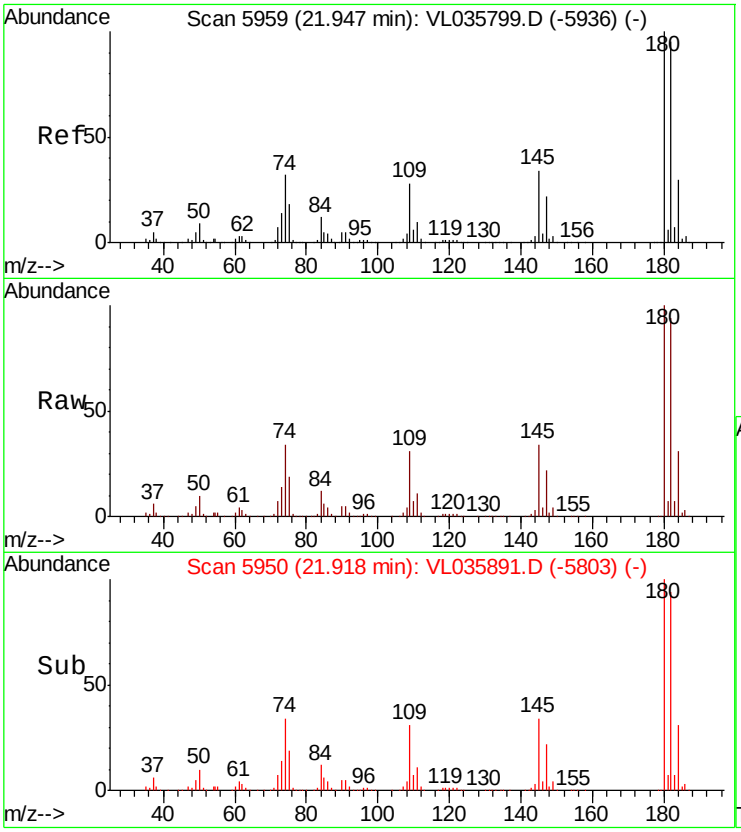


#80
Naphthalene,2-methyl-
Concen: 14.725 ppbv
RT: 24.97 min Scan# 6899
Delta R.T. -0.02 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Tgt Ion:142 Resp: 910576

Ion	Ratio	Lower	Upper
142	100		
141	86.3	67.8	101.8
115	33.6	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 7.493 ppbv
RT: 21.92 min Scan# 5950
Delta R.T. -0.03 min
Lab File: VL035891.D
Acq: 6 Nov 2020 16:42

Instrument :
MSVOA_L
ClientSampleId :
BFB

Tgt Ion:180 Resp: 1588455

Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.2	115.8
184	31.0	24.7	37.1