Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034883.D
Acq On : 11 Mar 2020 9:38
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Mar 11 12:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.66	49	924151	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.18	114	2010623	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.11	117	2062610	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.45	95	1681655	10.45	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	1545717	12.214	ppbv		99
3) Chlorodifluoromethane	2.95	51	987707	9.568	ppbv		96
4) Chloromethane	3.10	50	577552	9.899	ppbv		99
5) Vinyl Chloride	3.22	62	555992	9.912	ppbv		93
6) Bromomethane	3.44	94	333929	10.227	ppbv		100
7) Chloroethane	3.52	64	210426	10.388	ppbv		97
8) Dichlorotetrafluoroethane	3.15	85	1263430	9.613	ppbv		96
9) Propene	2.97	41	448590	9.101	ppbv		100
10) Heptane	8.13	43	1203699	9.923	ppbv		99
11) Trichlorofluoromethane	3.92	101	1281002	9.515	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.46	101	903930	9.593	ppbv		95
13) Ethanol	3.57	45	111859	7.465	ppbv		97
14) Bromoethene	3.71	108	392152	9.636	ppbv		99
15) Acetone	3.82	43	1166028	9.735	ppbv		99
16) 1,3-Butadiene	3.29	39	533506	9.850	ppbv		99
17) tert-Butyl alcohol	4.27	59	826910	7.166	ppbv		99
18) 1,1-Dichloroethene	4.26	96	408433	9.788	ppbv		99
19) Isopropyl Alcohol	3.94	45	563356	7.448	ppbv	#	42
20) Methylene Chloride	4.32	84	358765	9.474	ppbv		95
21) Allyl Chloride	4.38	41	719444	9.352	ppbv		98
22) trans-1,2-Dichloroethene	4.87	96	415863	9.823	ppbv		96
23) Vinyl Acetate	5.06	43	1719218	9.717	ppbv		98
24) 1,1-Dichloroethane	4.99	63	1127611	9.507	ppbv		99
25) Ethyl Acetate	5.66	43	2006120	9.401	ppbv		100
26) Hexane	5.67	57	894717	9.737	ppbv		98
27) Carbon Disulfide	4.53	76	989603	9.490	ppbv		98
28) Methyl tert-Butyl Ether	5.01	73	1385773	9.064	ppbv		99
29) Chloroform	5.74	83	1355434	9.668	ppbv		96
30) Cyclohexane	7.13	84	739247	9.642	ppbv		99
31) cis-1,2-Dichloroethene	5.54	61	913908	9.725	ppbv		99
32) 1,1,1-Trichloroethane	6.51	97	1327524	9.717	ppbv		99
34) 2-Butanone	5.23	43	1342896	10.050	ppbv		100
35) Carbon Tetrachloride	7.02	117	1335322	10.678	ppbv		99
36) Benzene	6.90	78	1771289	9.883	ppbv		99
37) 1,2-Dichloroethane	6.30	62	1053458	10.425	ppbv		98
38) Trichloroethene	7.84	130	675575	9.925	ppbv		97
39) 1,2-Dichloropropane	7.62	63	680774	9.588	ppbv		94
40) 1,4-Dioxane	7.83	88	226811	8.458	ppbv	#	88
41) Tetrahydrofuran	6.04	42	739368	10.227	ppbv		100
42) Bromodichloromethane	7.80	83	1411335	10.247	ppbv		96
43) Methyl Methacrylate	8.02	69	811662	10.750	ppbv		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031020\

Quantitation Report (Not Reviewed)

Data File : VL034883.D
Acq On : 11 Mar 2020 9:38
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Quant Time: Mar 11 12:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	3069043	10.134	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	930081	10.485	ppbv		99
46) cis-1,3-Dichloropropene	8.71	75	1099755	10.433	ppbv		97
47) 1,1,2-Trichloroethane	9.49	97	727655	9.986	ppbv		97
48) Dibromochloromethane	10.33	129	1153192	9.772	ppbv		100
49) Bromoform	13.07	173	993639	9.443	ppbv		100
50) 4-Methyl-2-Pentanone	8.75	43	1995018	10.372	ppbv		99
51) 2-Hexanone	10.15	43	1614668	10.330	ppbv	#	99
52) Tetrachloroethene	11.25	164	618887	8.729	ppbv		96
53) Toluene	9.82	91	2060294	9.955	ppbv		99
54) 1,2-Dibromoethane	10.64	107	1087591	9.915	ppbv		95
56) 1,1,1,2-Tetrachloroethane	12.15	131	878729	9.484	ppbv		99
57) Chlorobenzene	12.17	112	1508654	9.348	ppbv		94
58) Ethyl Benzene	12.73	91	2732807	9.784	ppbv		100
59) m/p-Xylene	13.02	91	2006838	8.576	ppbv	#	16
60) o-Xylene	13.72	91	2214113	9.690	ppbv		98
61) Styrene	13.56	104	810763	5.056	ppbv	#	27
62) Isopropylbenzene	14.70	105	3216140	9.309	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.71	83	1516029	9.774	ppbv		99
64) n-propylbenzene	15.59	120	848229	9.433	ppbv		94
65) tert-Butylbenzene	16.78	119	2787533	9.230	ppbv		97
66) Benzyl Chloride	17.03	91	1229385	9.762	ppbv		97
67) sec-Butylbenzene	17.33	105	3997432	9.545	ppbv		99
69) p-Isopropyltoluene	17.69	119	3327897	9.477	ppbv		99
70) n-Butylbenzene	18.59	91	3532972	9.861	ppbv		99
71) 2-Chlorotoluene	15.49	91	2463796	9.417	ppbv		99
72) 4-Ethyltoluene	15.87	105	2621817	9.716	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	2462051	9.747	ppbv		95
74) 1,2,4-Trimethylbenzene	16.80	105	2563912	9.852	ppbv		97
75) 1,3-Dichlorobenzene	17.04	146	1458500	9.295	ppbv		99
76) 1,4-Dichlorobenzene	17.18	146	1481486	9.461	ppbv		99
77) 1,2-Dichlorobenzene	17.85	146	1434003	9.428	ppbv		97
78) Hexachloro-1,3-Butadiene	23.42	225	1274997	10.036	ppbv		99
79) Naphthalene	22.25	128	2548029	12.555	ppbv		99
80) Naphthalene,2-methyl-	25.01	142	986379	18.598	ppbv		98
81) 1,2,4-Trichlorobenzene	21.99	180	1459613	11.320	ppbv		100

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

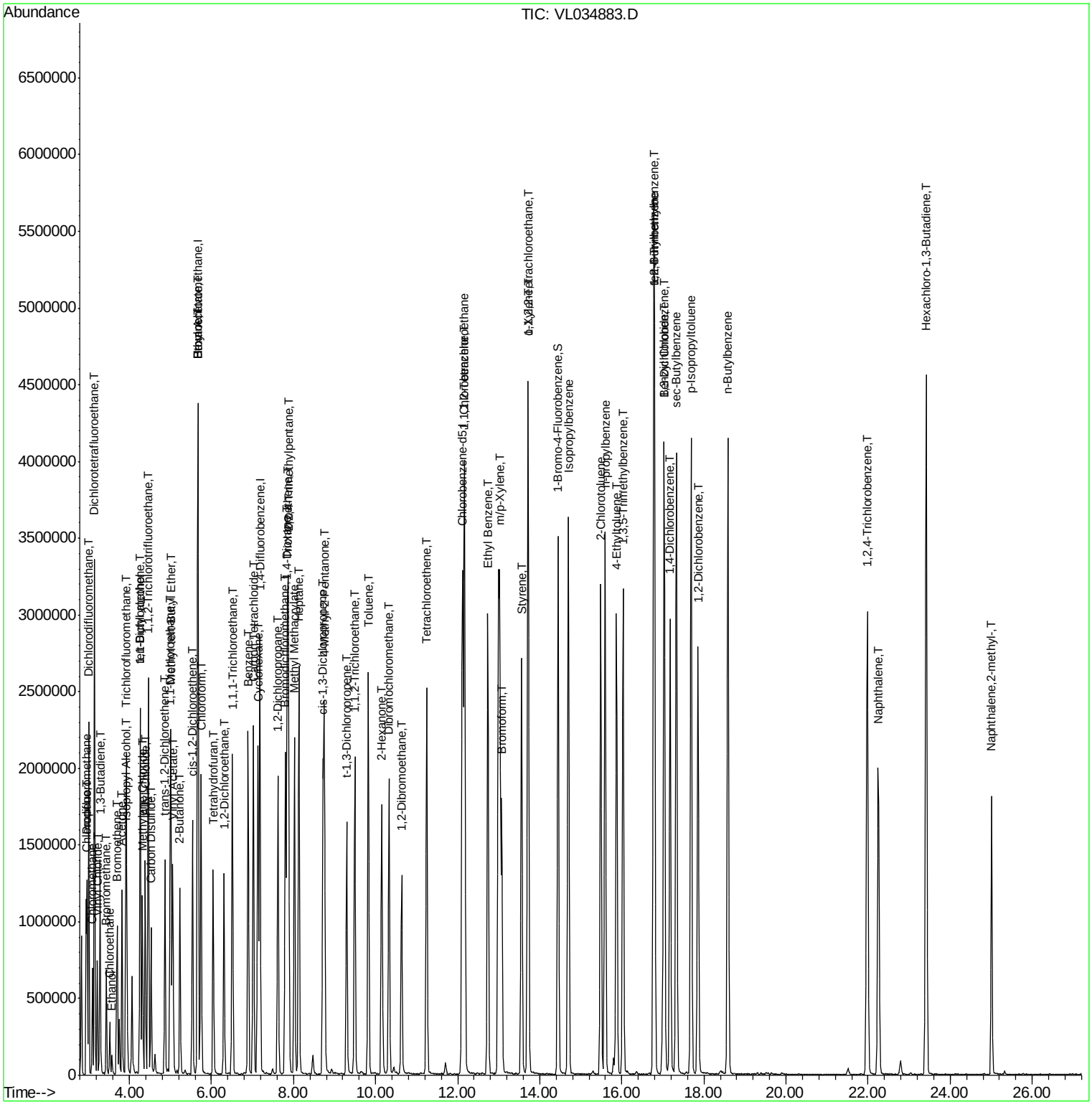
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031020\

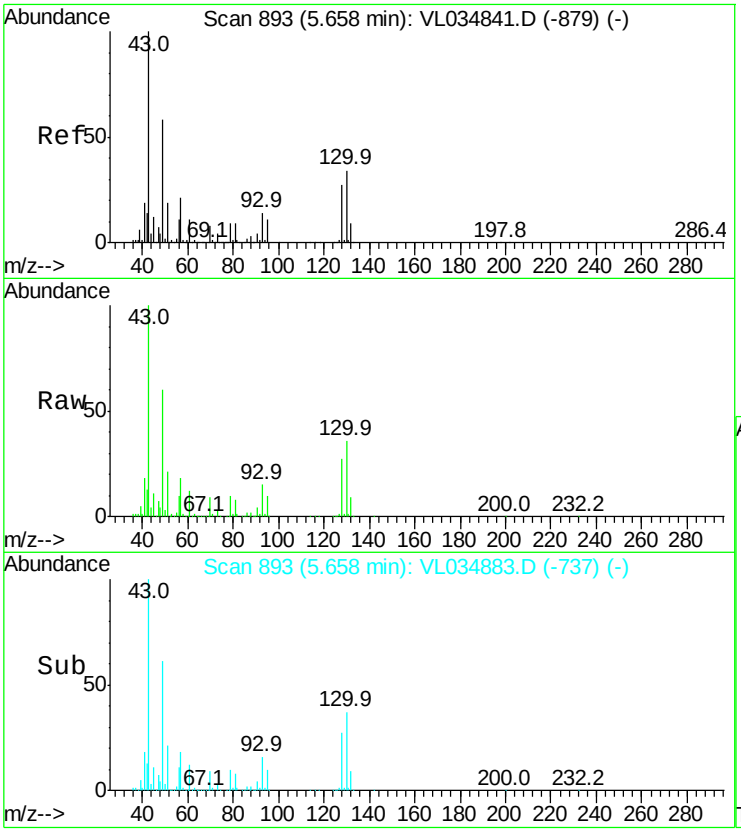
Quantitation Report (Not Reviewed)

Data File : VL034883.D
Acq On : 11 Mar 2020 9:38
Operator : SY/AP
Sample : VSTDCCC010EC
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Quant Time: Mar 11 12:51:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LMon Mar 09 16:42:53 2020
QLast Update : Mon Mar 09 16:42:53 2020
Response via : Initial Calibration



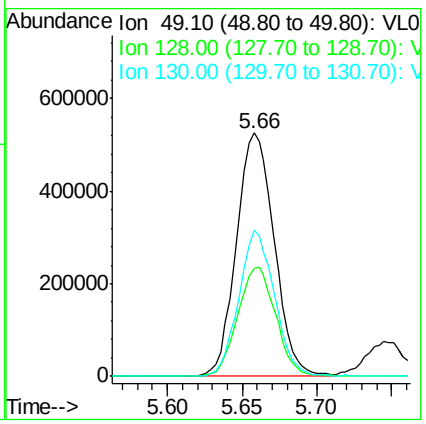


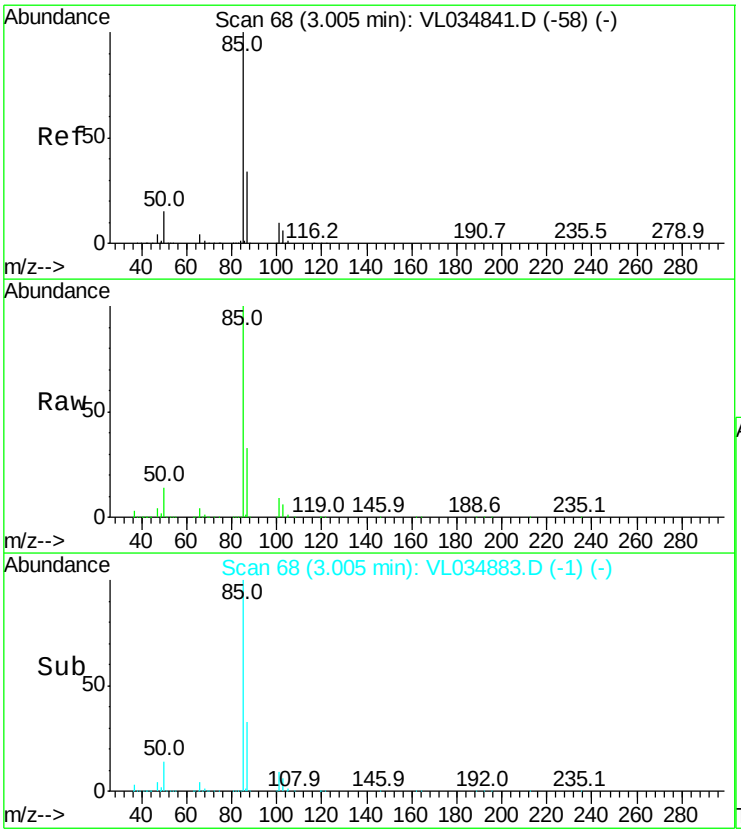
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 893
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 924151

Ion	Ratio	Lower	Upper
49	100		
128	45.1	23.4	70.3
130	57.2	30.0	90.0

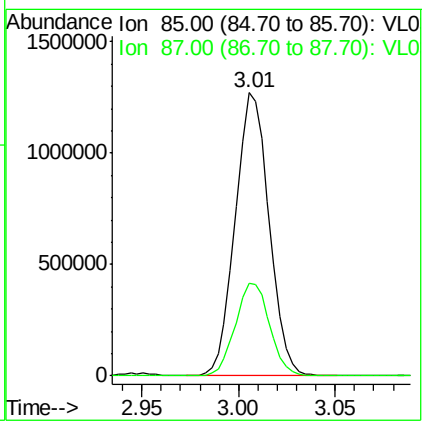


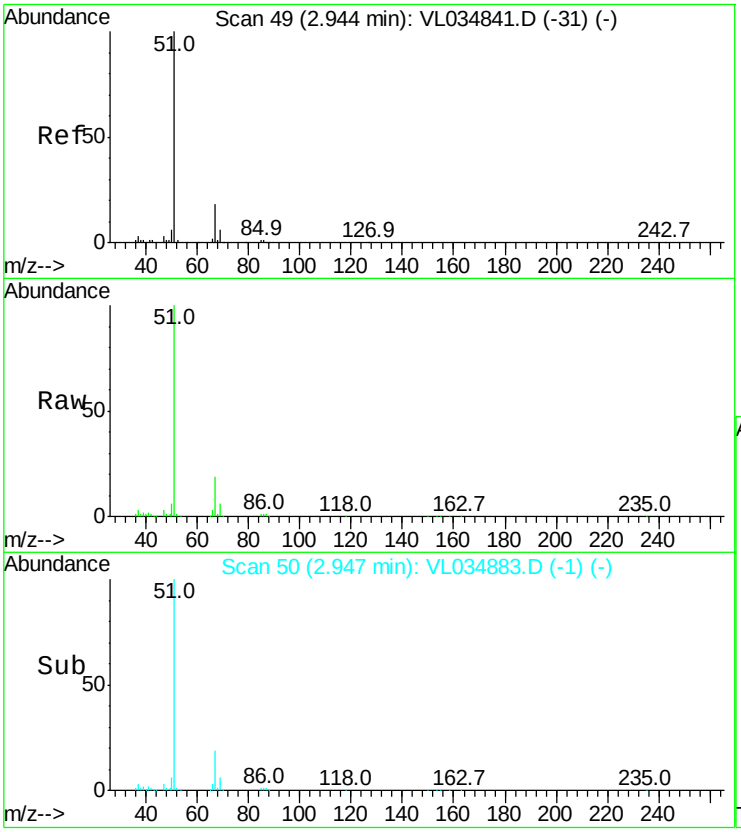


#2
Dichlorodifluoromethane
Concen: 12.214 ppbv
RT: 3.01 min Scan# 68
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 85 Resp: 1545717

Ion	Ratio	Lower	Upper
85	100		
87	32.8	26.9	40.3



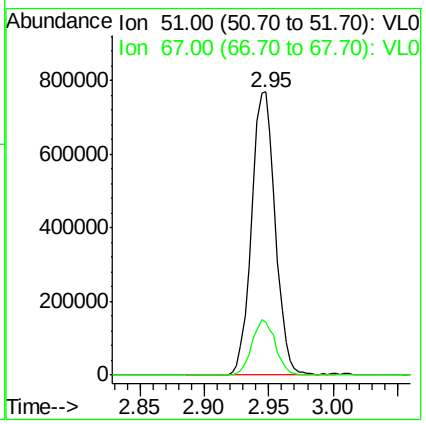


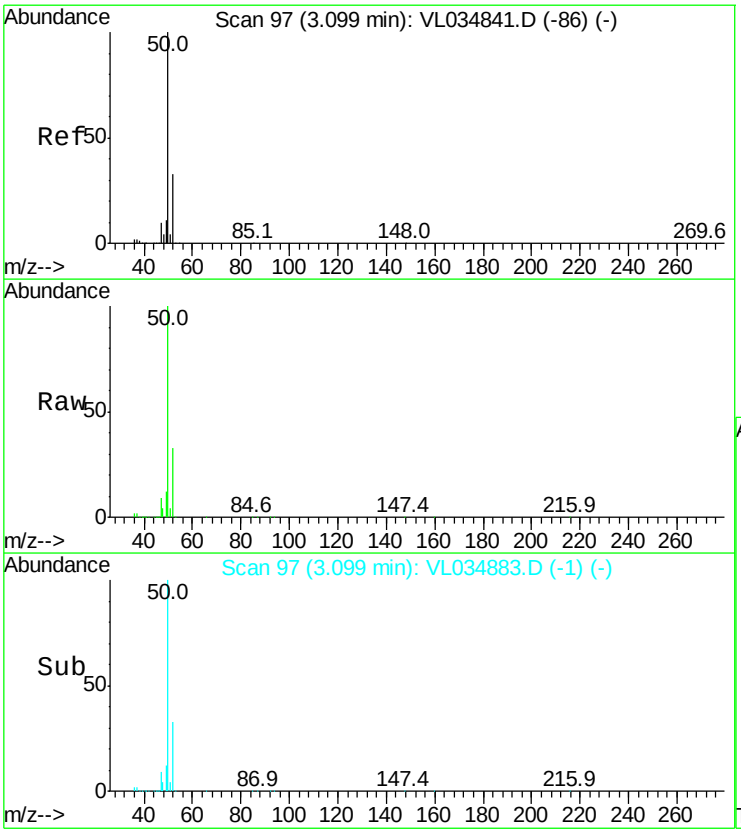
#3
Chlorodifluoromethane
Concen: 9.568 ppbv
RT: 2.95 min Scan# 50
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 51 Resp: 987707

Ion	Ratio	Lower	Upper
51	100		
67	19.5	14.3	21.5

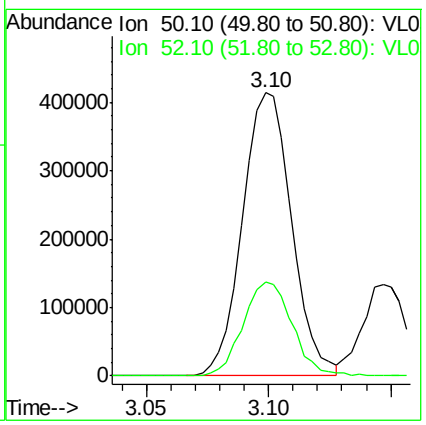


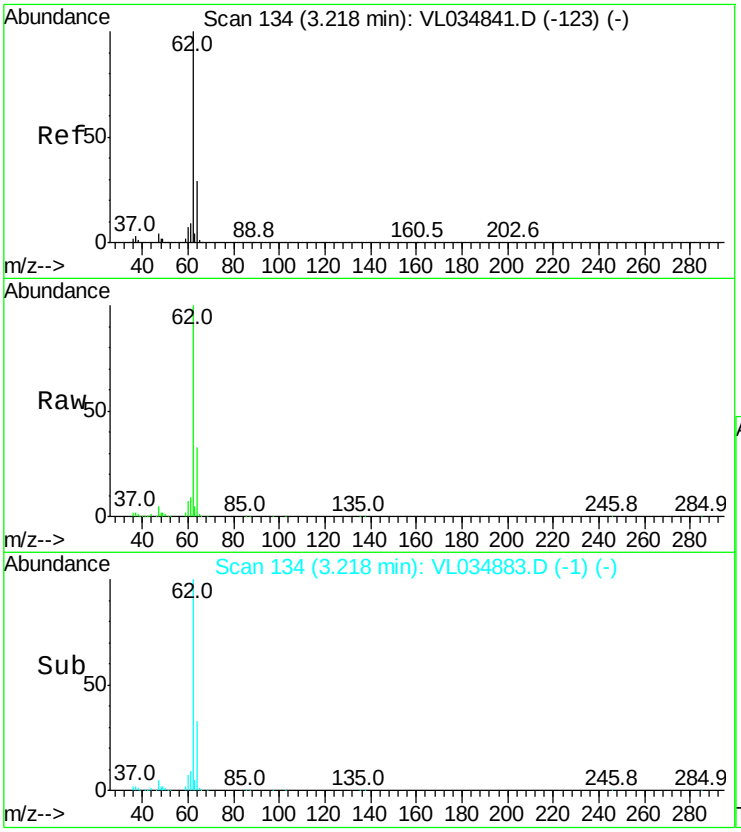


#4
Chloromethane
Concen: 9.899 ppbv
RT: 3.10 min Scan# 97
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 50 Resp: 577552

Ion	Ratio	Lower	Upper
50	100		
52	33.0	26.8	40.2



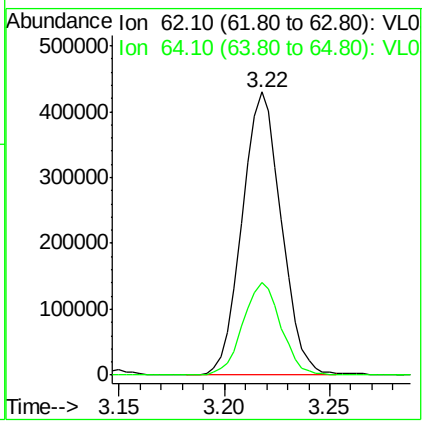


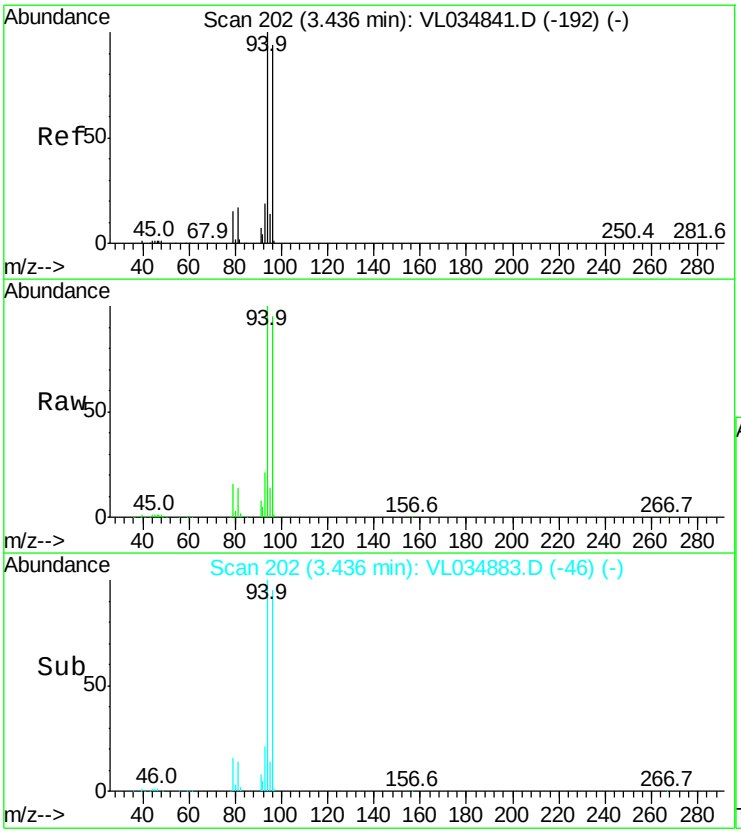
#5
Vinyl Chloride
Concen: 9.912 ppbv
RT: 3.22 min Scan# 134
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 555992

Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.0	34.4

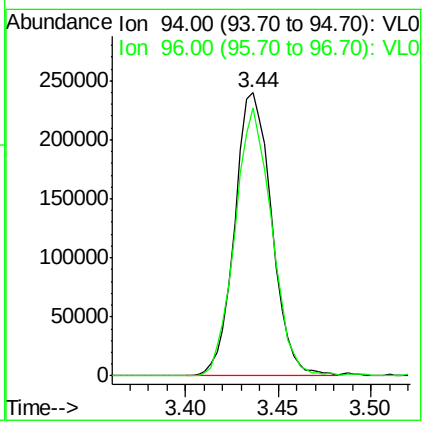


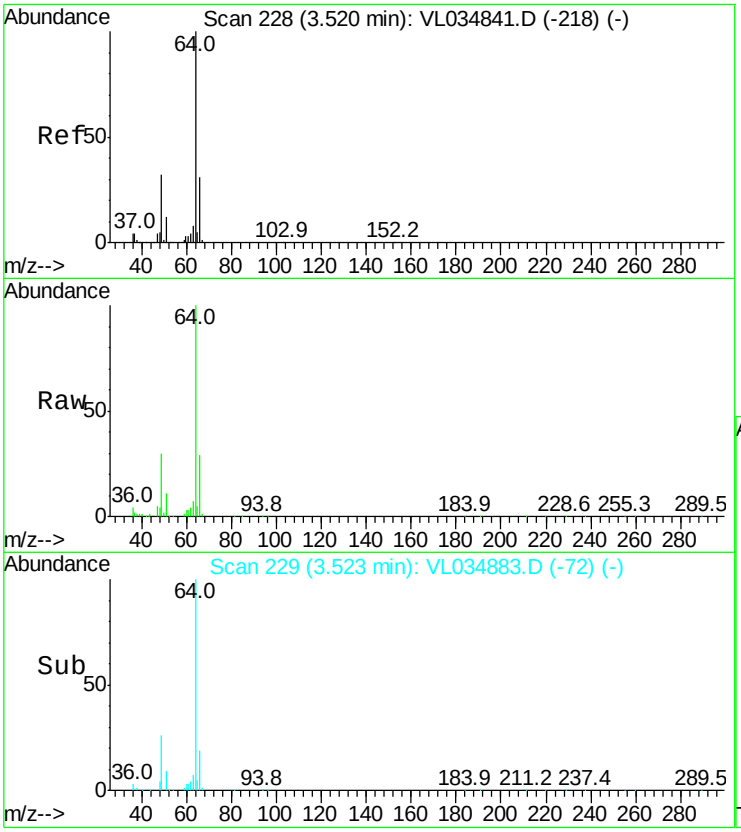


#6
Bromomethane
Concen: 10.227 ppbv
RT: 3.44 min Scan# 202
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 94 Resp: 333929

Ion	Ratio	Lower	Upper
94	100		
96	94.5	75.5	113.3



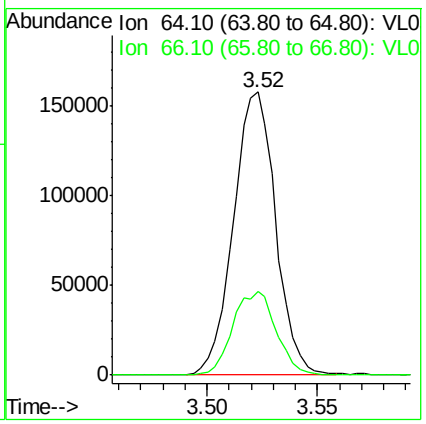


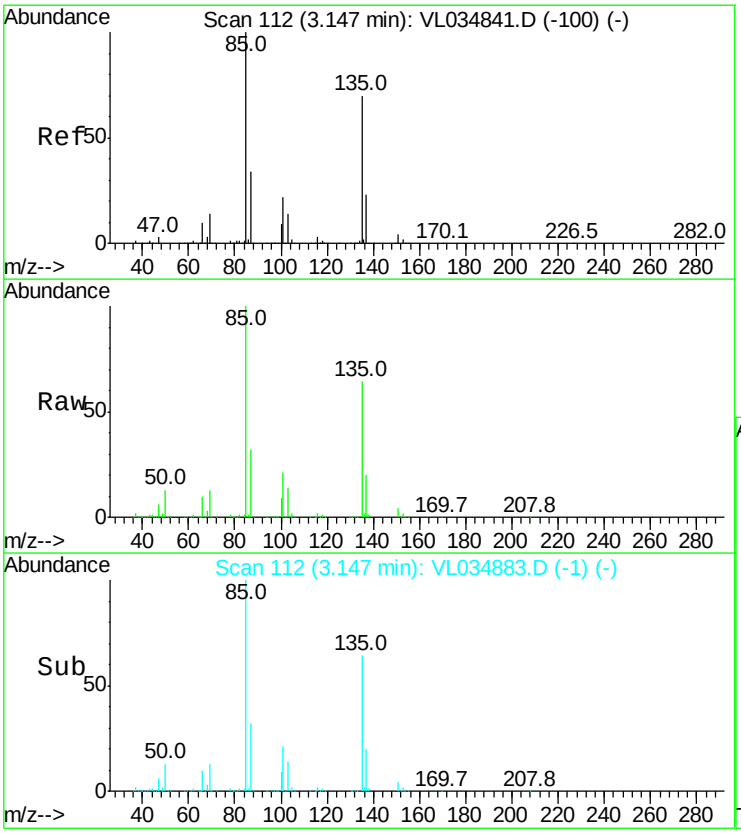
#7
Chloroethane
Concen: 10.388 ppbv
RT: 3.52 min Scan# 229
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 210426

Ion	Ratio	Lower	Upper
64	100		
66	29.4	24.8	37.2

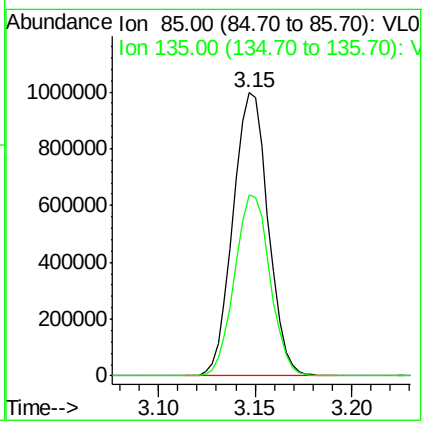


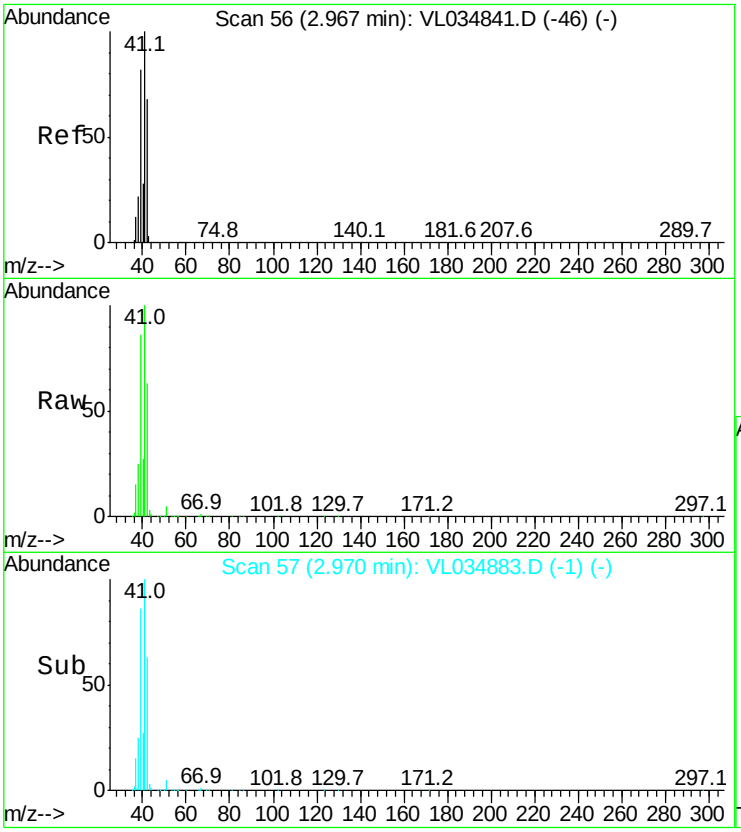


#8
Dichlorotetrafluoroethane
Concen: 9.613 ppbv
RT: 3.15 min Scan# 112
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 85 Resp: 1263430

Ion	Ratio	Lower	Upper
85	100		
135	64.4	54.3	81.5



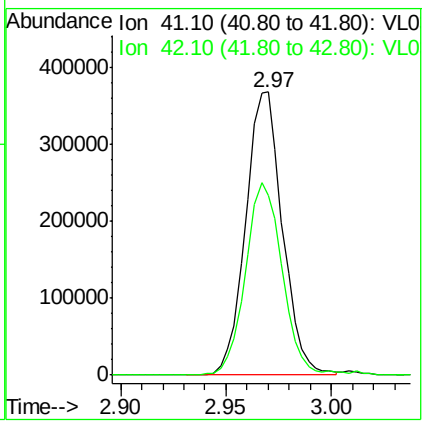


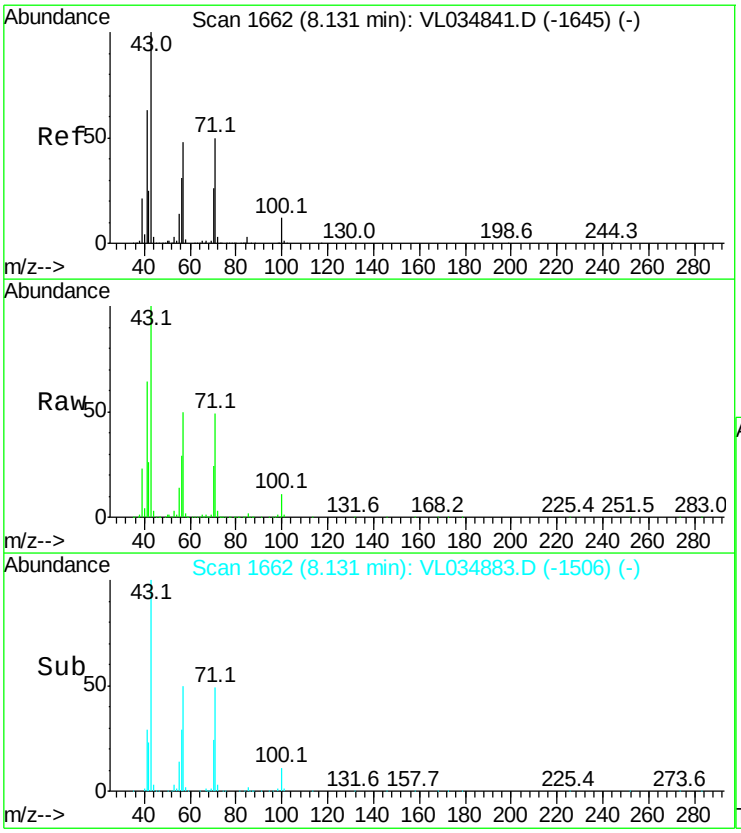
#9
Propene
Concen: 9.101 ppbv
RT: 2.97 min Scan# 57
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 448590

Ion	Ratio	Lower	Upper
41	100		
42	68.7	55.2	82.8

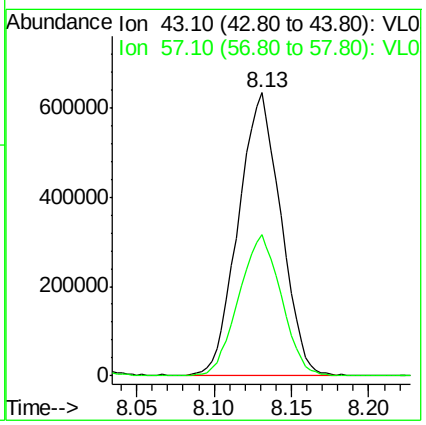


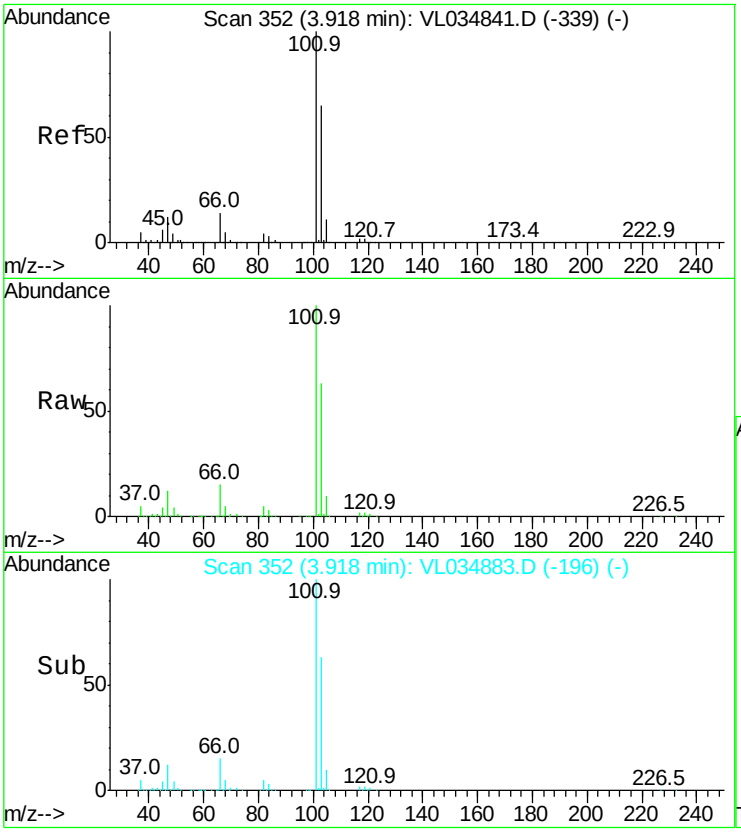


#10
Heptane
Concen: 9.923 ppbv
RT: 8.13 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 43 Resp: 1203699

Ion	Ratio	Lower	Upper
43	100		
57	50.4	39.7	59.5



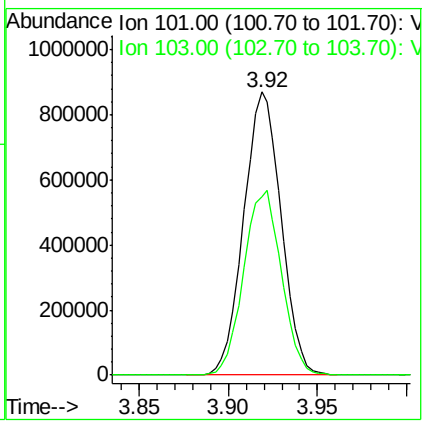


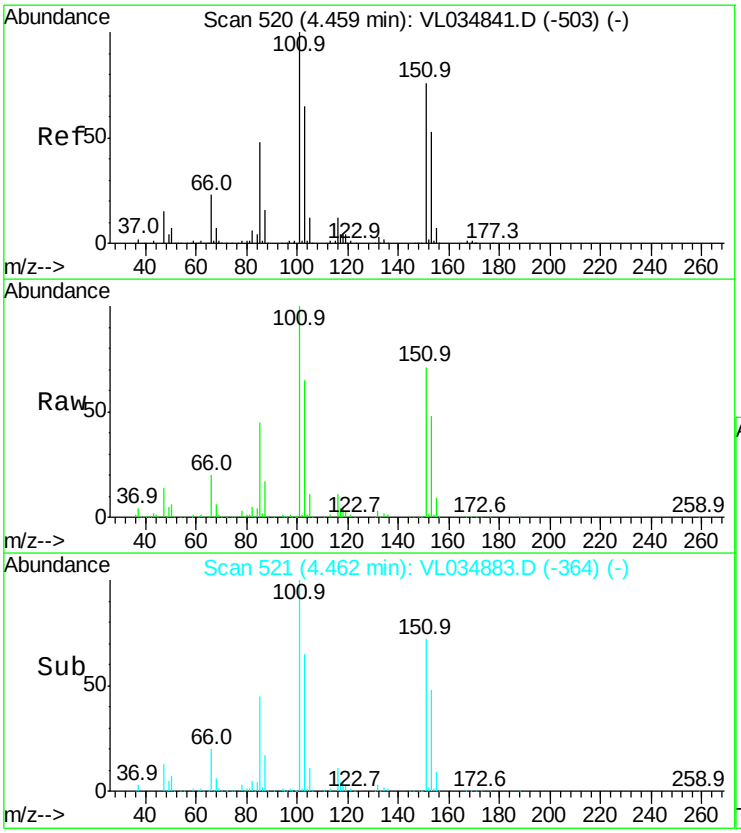
#11
Trichlorofluoromethane
Concen: 9.515 ppbv
RT: 3.92 min Scan# 352
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1281002

Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.8

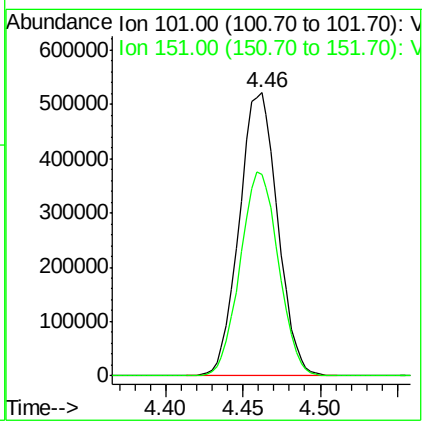


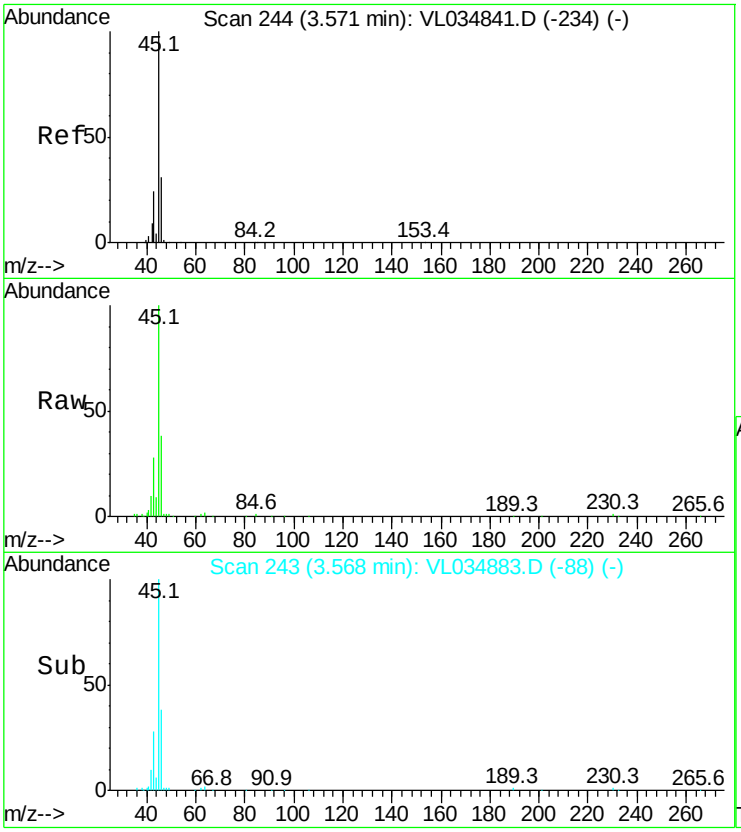


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.593 ppbv
RT: 4.46 min Scan# 521
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:101 Resp: 903930

Ion	Ratio	Lower	Upper
101	100		
151	71.9	60.8	91.2



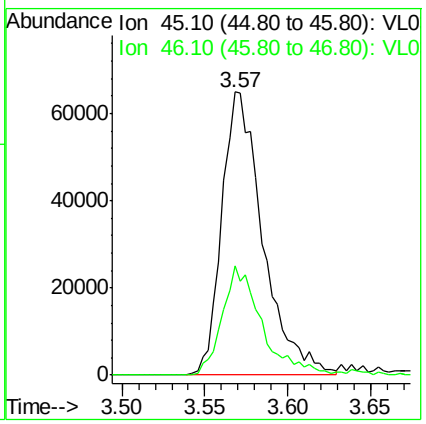


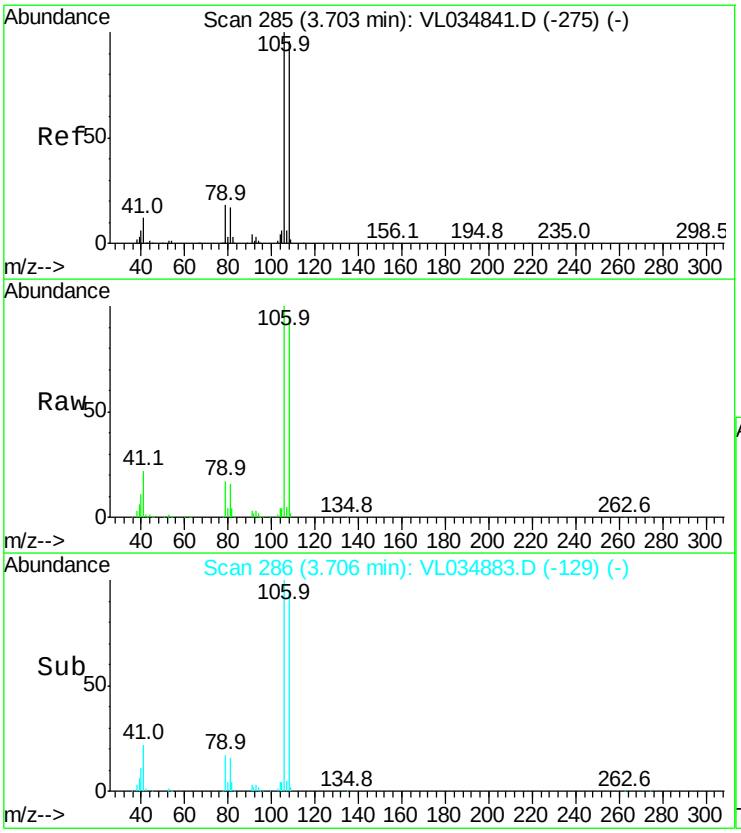
#13
Ethanol
Concen: 7.465 ppbv
RT: 3.57 min Scan# 243
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 111859

Ion	Ratio	Lower	Upper
45	100		
46	38.1	16.0	64.0

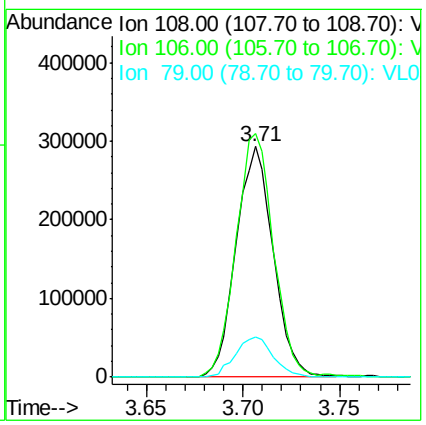


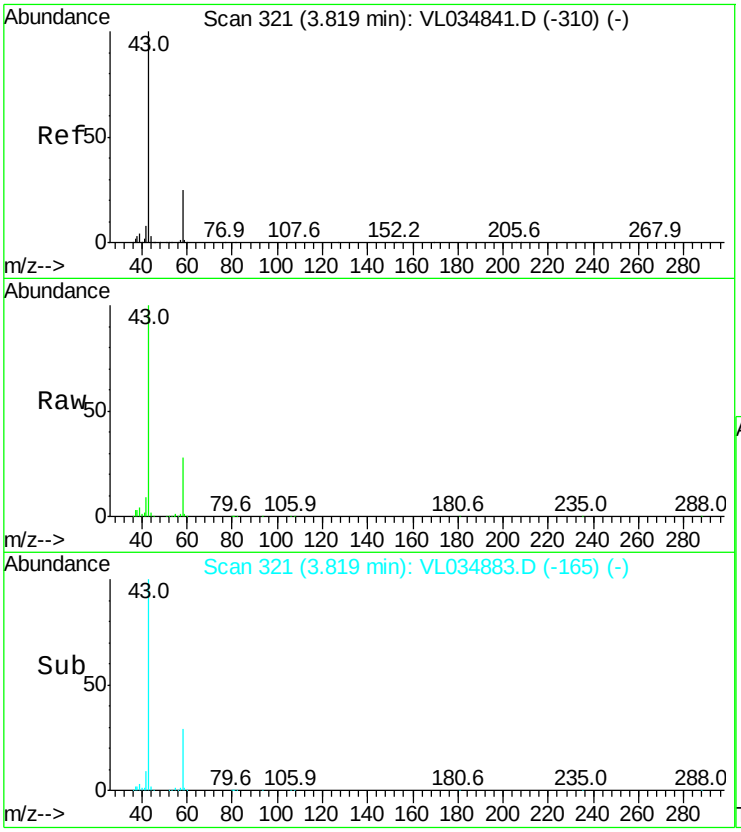


#14
Bromoethene
Concen: 9.636 ppbv
RT: 3.71 min Scan# 286
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:108 Resp: 392152

Ion	Ratio	Lower	Upper
108	100		
106	107.3	85.1	127.7
79	18.0	14.7	22.1



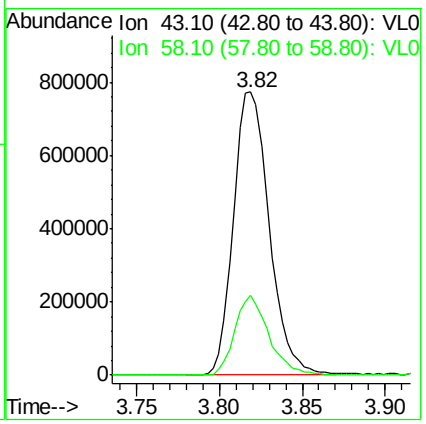


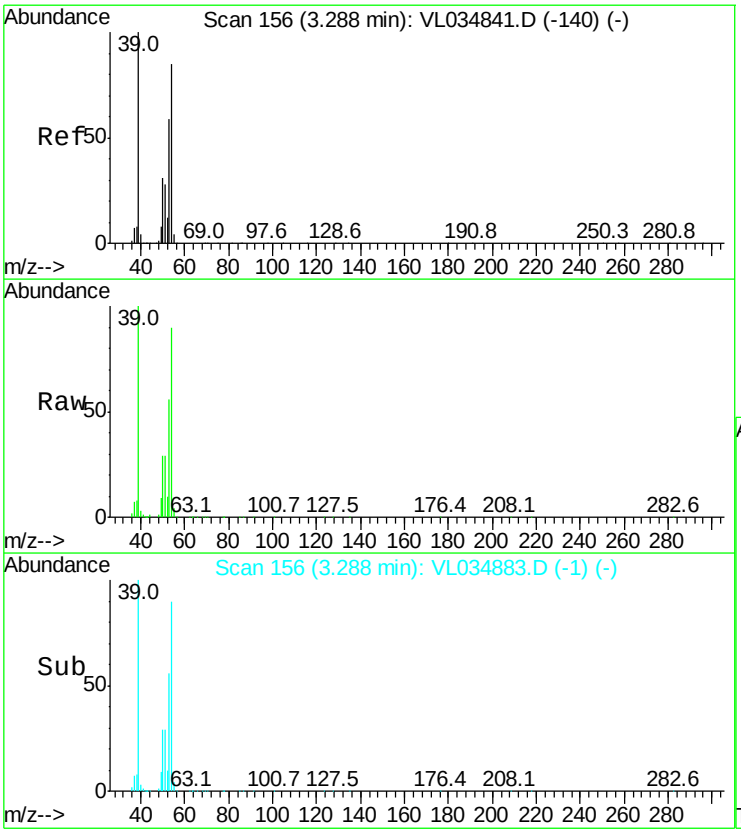
#15
Acetone
Concen: 9.735 ppbv
RT: 3.82 min Scan# 321
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1166028

Ion	Ratio	Lower	Upper
43	100		
58	26.7	21.0	31.6

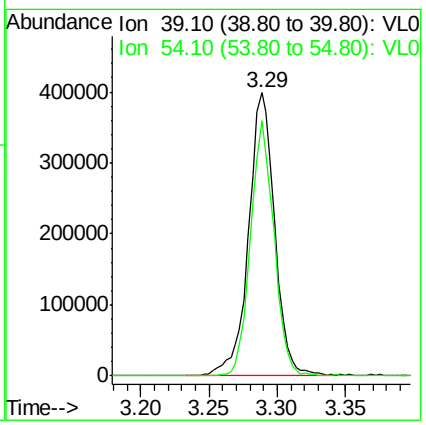


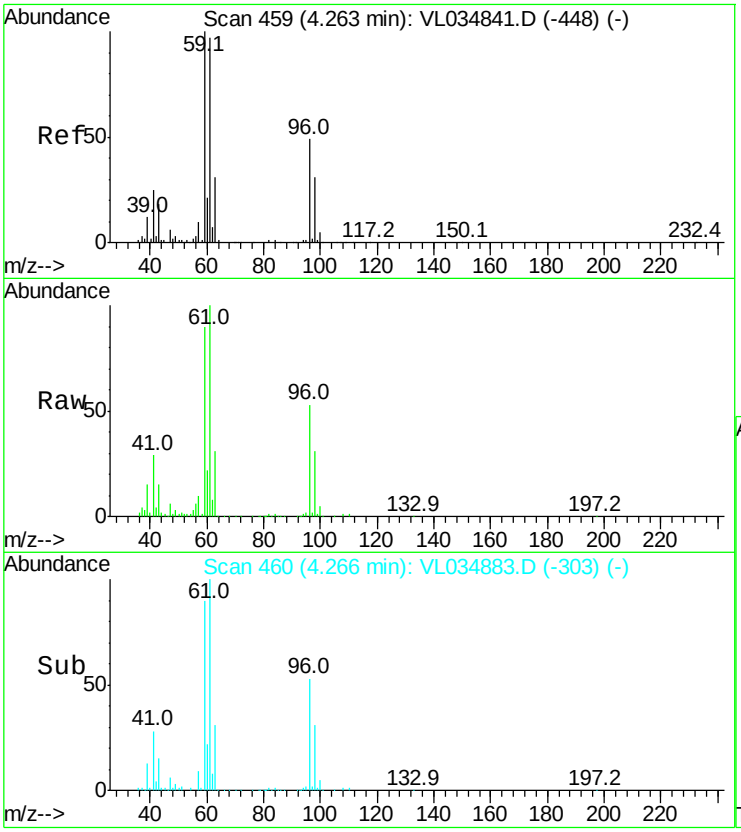


#16
1,3-Butadiene
Concen: 9.850 ppbv
RT: 3.29 min Scan# 156
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 39 Resp: 533506

Ion	Ratio	Lower	Upper
39	100		
54	80.8	65.0	97.6



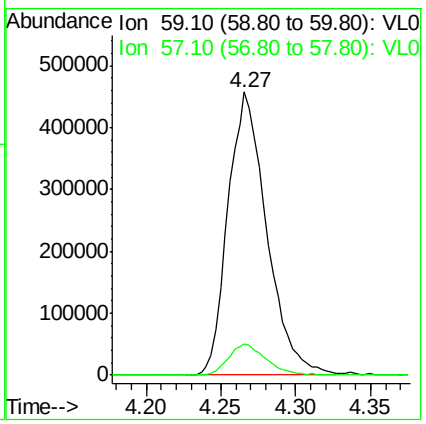


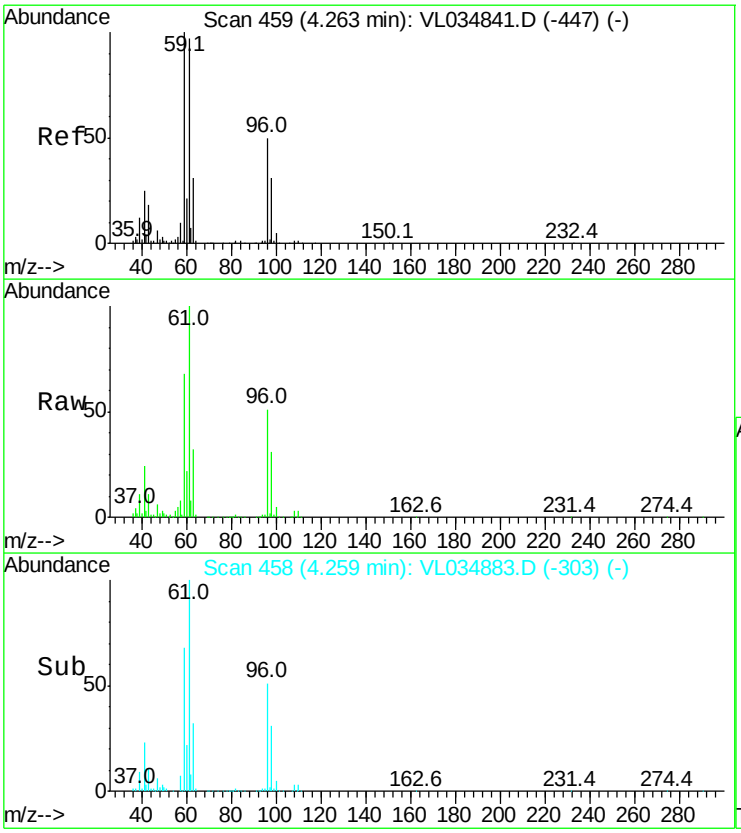
#17
tert-Butyl alcohol
Concen: 7.166 ppbv
RT: 4.27 min Scan# 460
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 59 Resp: 826910

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5

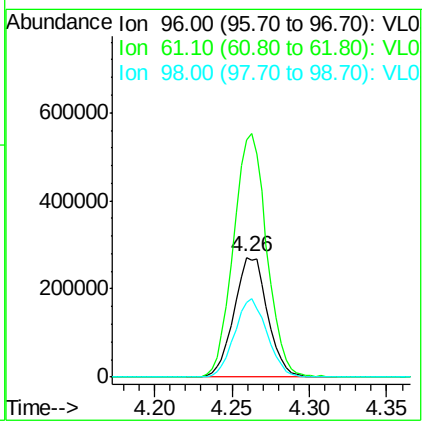


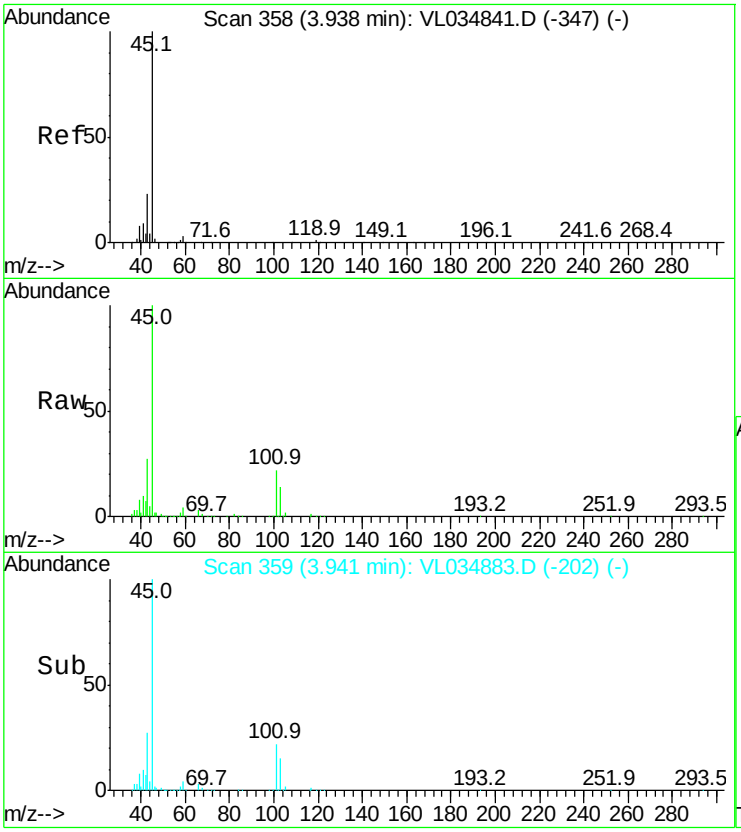


#18
1,1-Dichloroethene
Concen: 9.788 ppbv
RT: 4.26 min Scan# 458
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 96 Resp: 408433

Ion	Ratio	Lower	Upper
96	100		
61	198.0	157.3	235.9
98	62.3	50.2	75.4



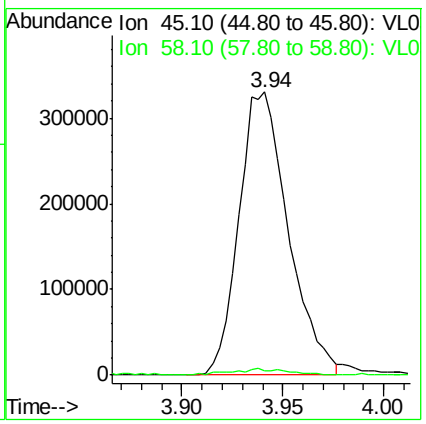


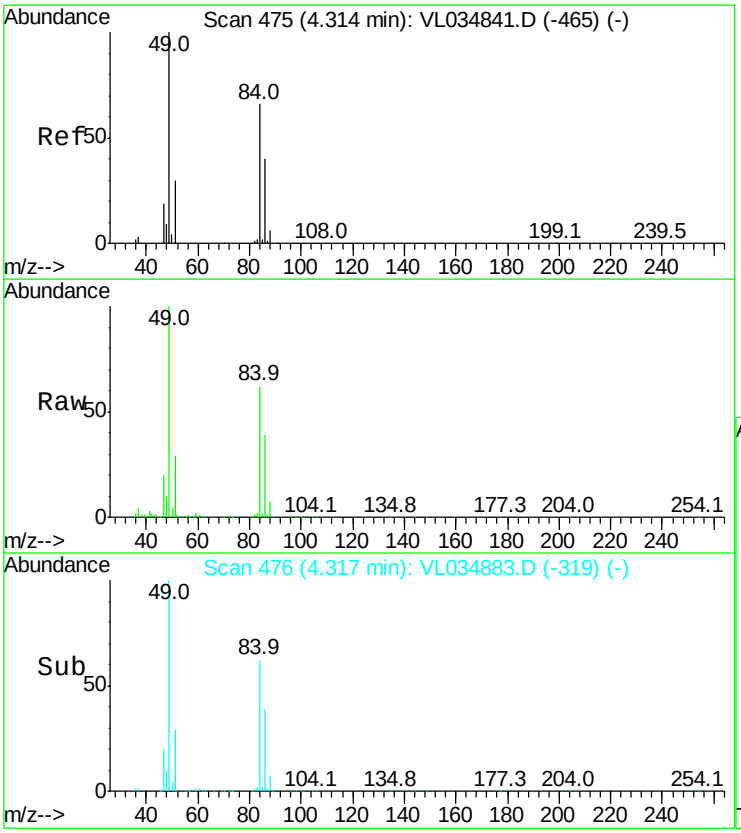
#19
Isopropyl Alcohol
Concen: 7.448 ppbv
RT: 3.94 min Scan# 359
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 563356

Ion	Ratio	Lower	Upper
45	100		
58	3.0	30.5	45.7#

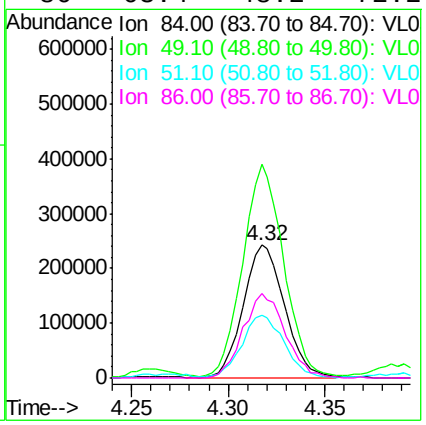


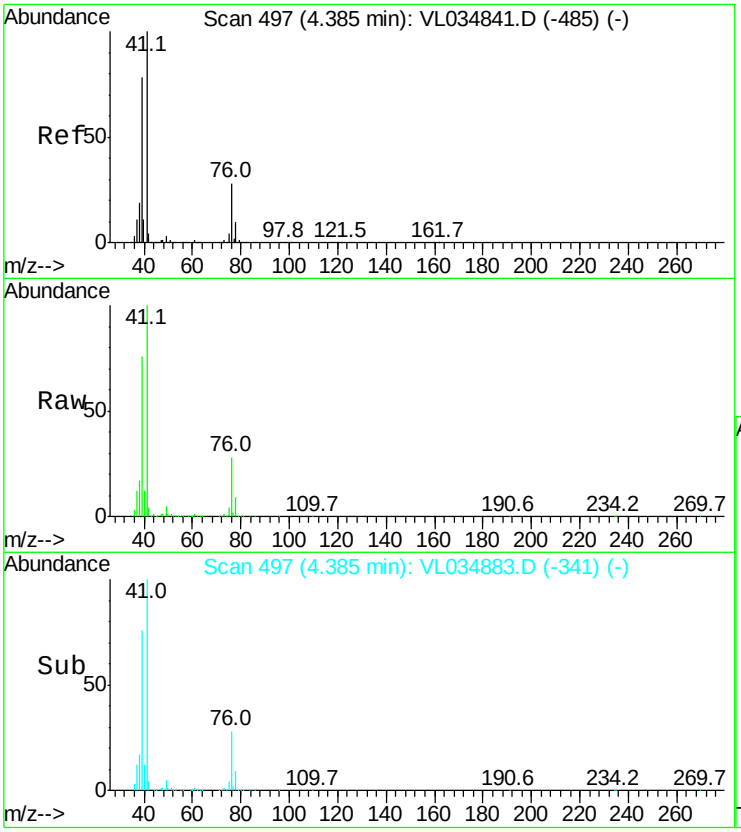


#20
Methylene Chloride
Concen: 9.474 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 84 Resp: 358765

Ion	Ratio	Lower	Upper
84	100		
49	159.2	121.5	182.3
51	47.2	36.6	55.0
86	63.4	48.2	72.2



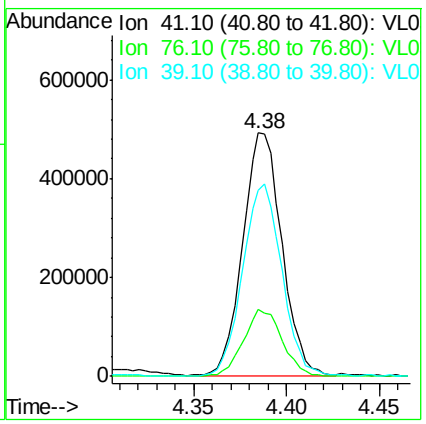


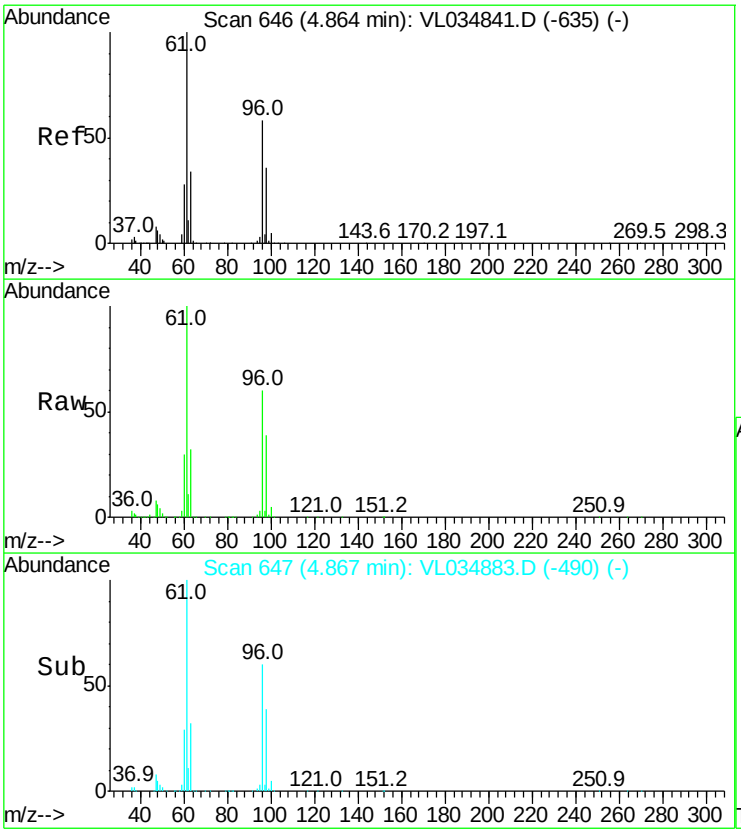
#21
Allyl Chloride
Concen: 9.352 ppbv
RT: 4.38 min Scan# 497
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 719444

Ion	Ratio	Lower	Upper
41	100		
76	27.5	22.2	33.2
39	80.5	62.6	93.8

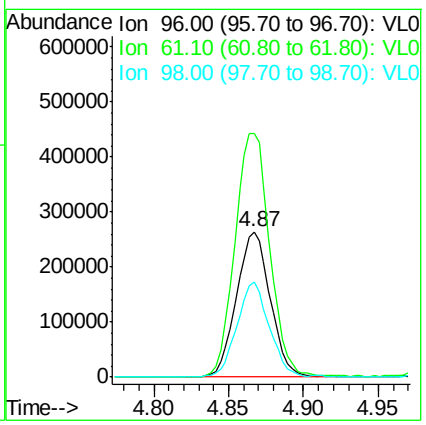


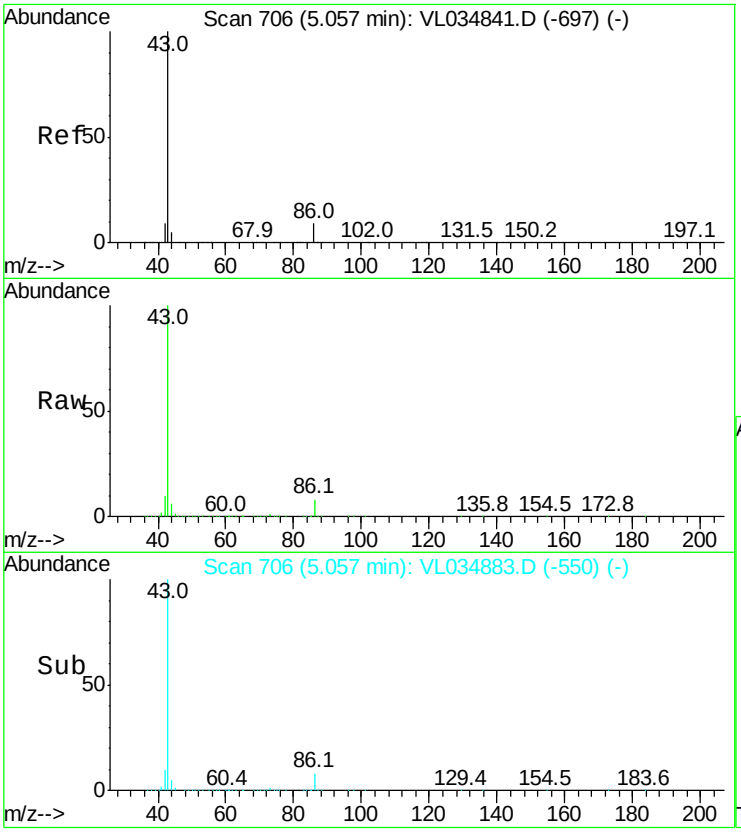


#22
trans-1,2-Dichloroethene
Concen: 9.823 ppbv
RT: 4.87 min Scan# 647
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 96 Resp: 415863

Ion	Ratio	Lower	Upper
96	100		
61	167.2	139.0	208.6
98	65.2	50.3	75.5



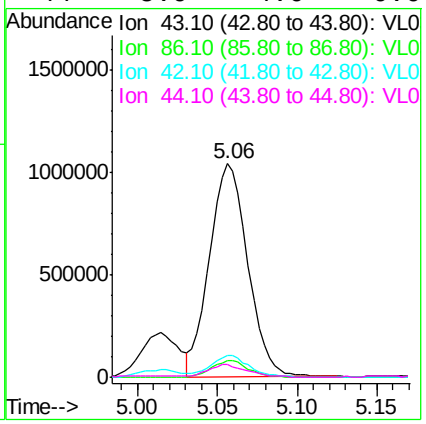


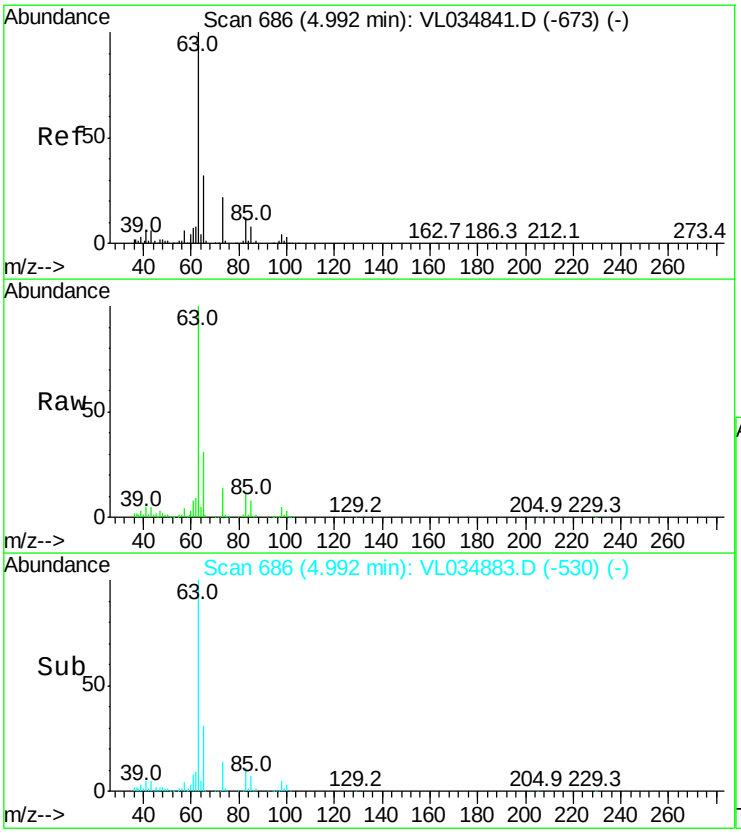
#23
Vinyl Acetate
Concen: 9.717 ppbv
RT: 5.06 min Scan# 706
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1719218

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.3	9.5
42	10.4	7.8	11.8
44	5.9	4.0	6.0

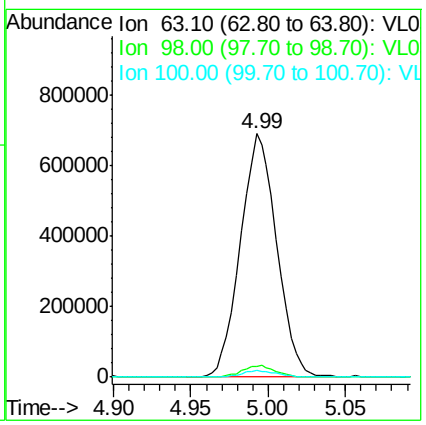


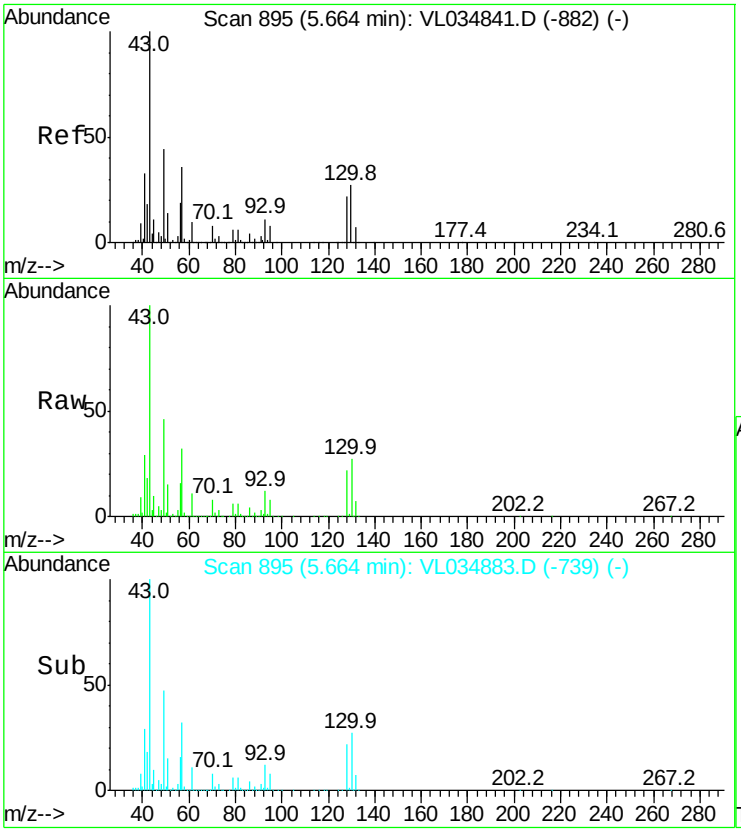


#24
1,1-Dichloroethane
Concen: 9.507 ppbv
RT: 4.99 min Scan# 686
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 63 Resp: 1127611

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.0	5.8
100	2.8	1.4	4.0



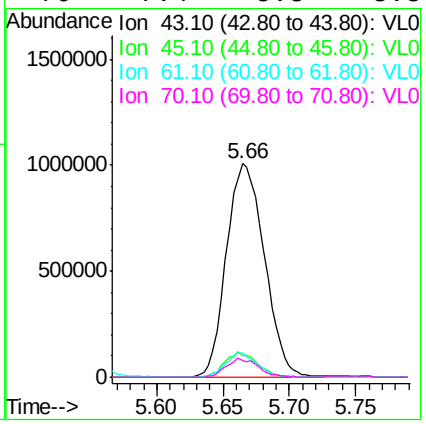


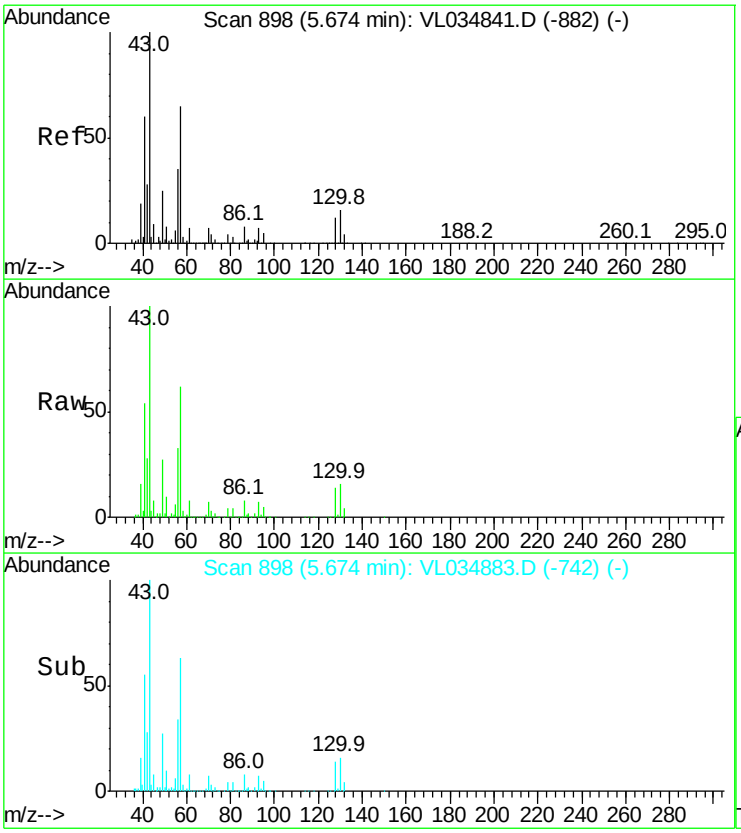
#25
Ethyl Acetate
Concen: 9.401 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2006120

Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.6	7.8	11.6
70	7.4	5.8	8.8

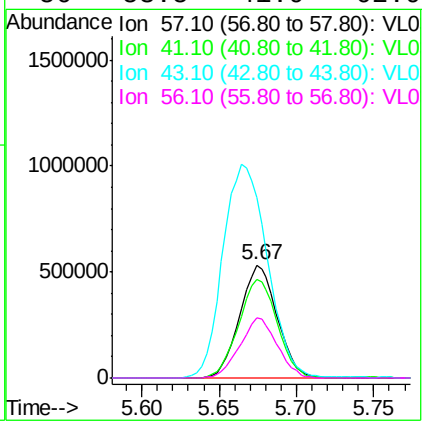


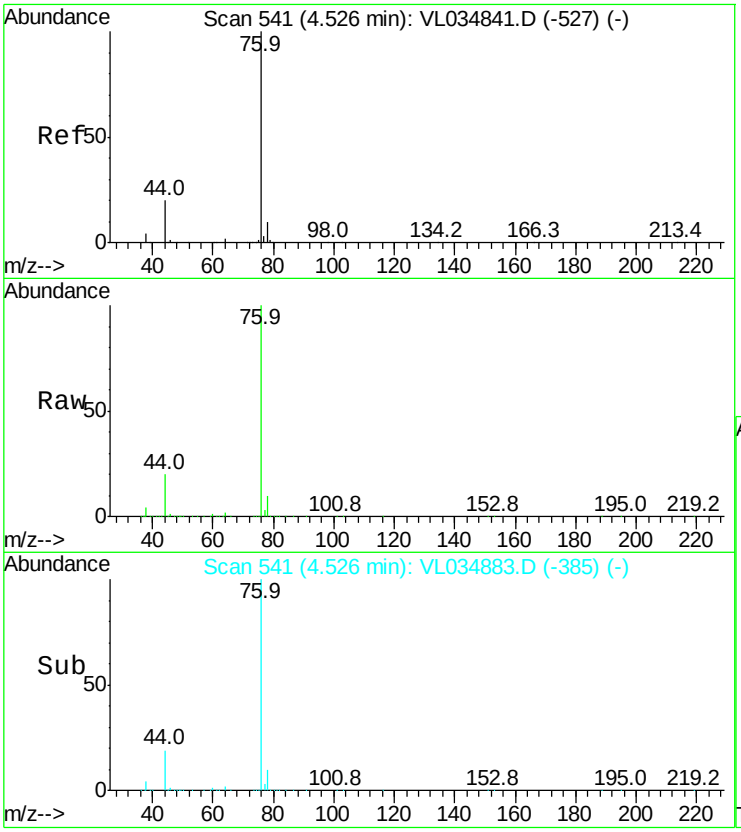


#26
Hexane
Concen: 9.737 ppbv
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 57 Resp: 894717

Ion	Ratio	Lower	Upper
57	100		
41	90.1	72.6	109.0
43	225.7	183.8	275.6
56	53.5	41.9	62.9



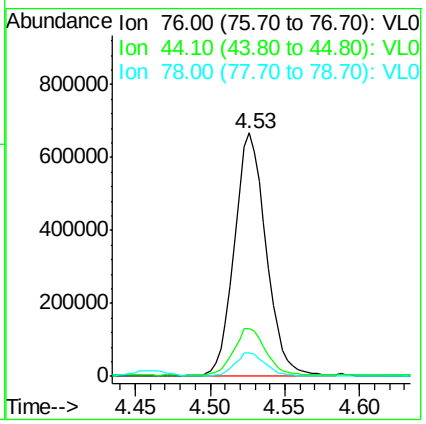


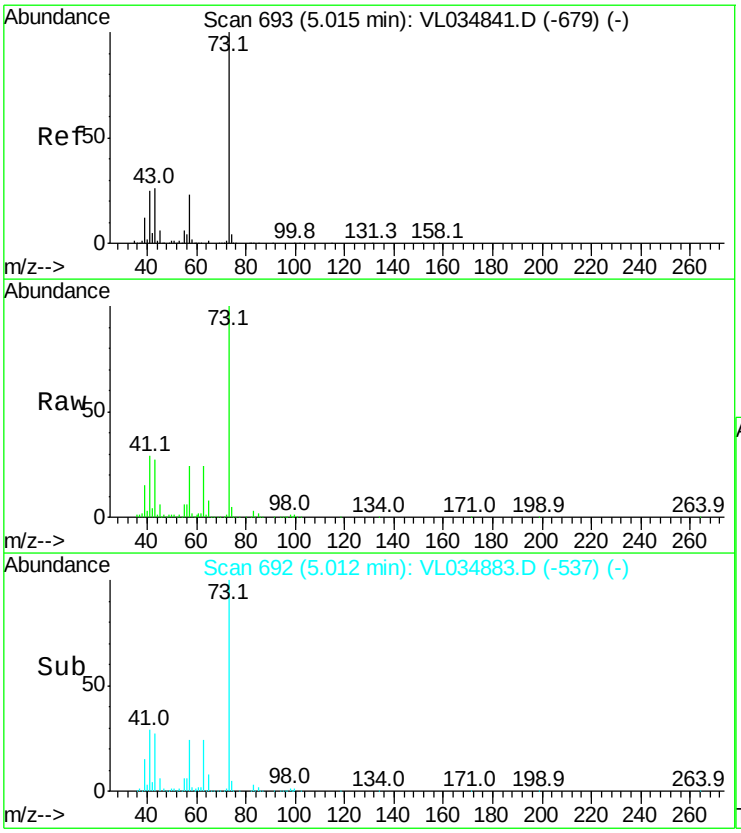
#27
Carbon Disulfide
Concen: 9.490 ppbv
RT: 4.53 min Scan# 541
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 989603

Ion	Ratio	Lower	Upper
76	100		
44	19.2	16.2	24.2
78	9.5	7.8	11.6

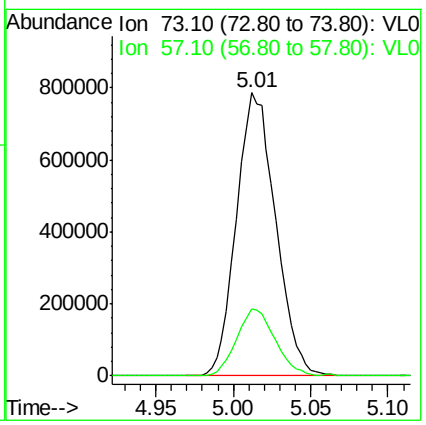


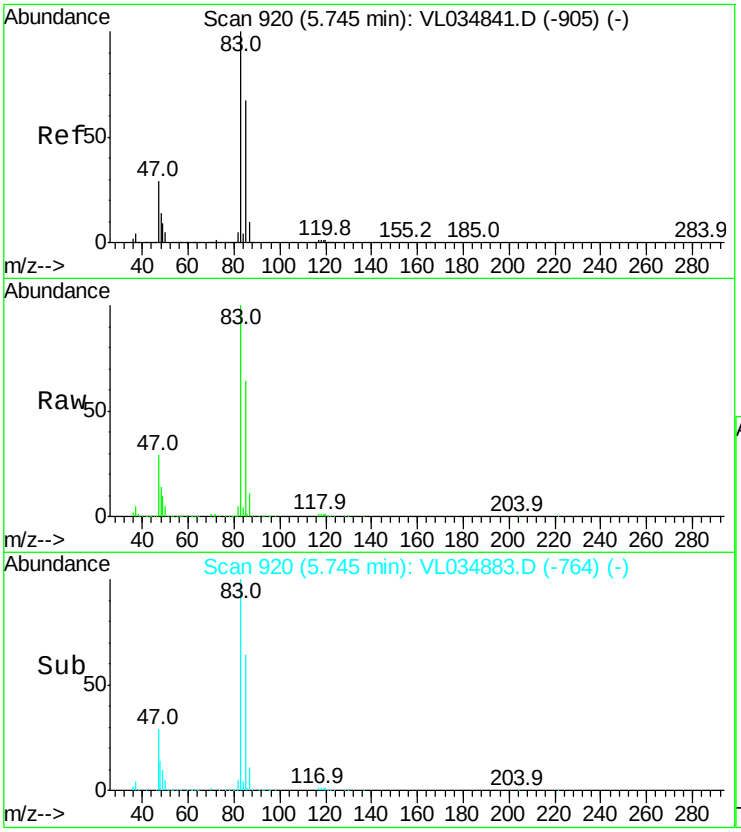


#28
Methyl tert-Butyl Ether
Concen: 9.064 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 73 Resp: 1385773

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.3	27.5



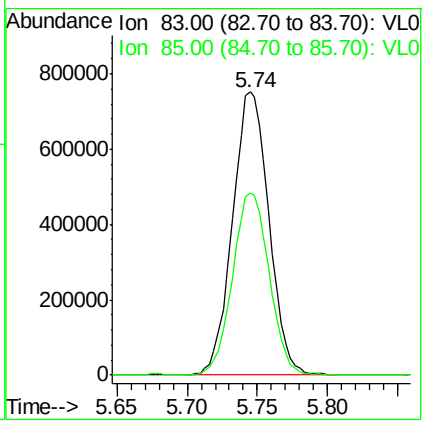


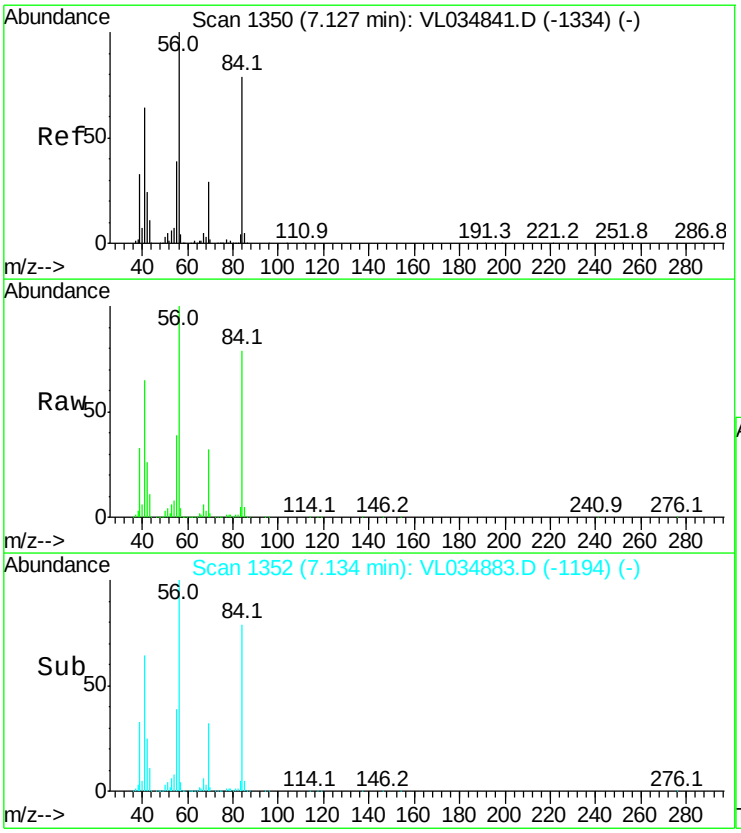
#29
Chloroform
Concen: 9.668 ppbv
RT: 5.74 min Scan# 920
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1355434

Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.8	80.6

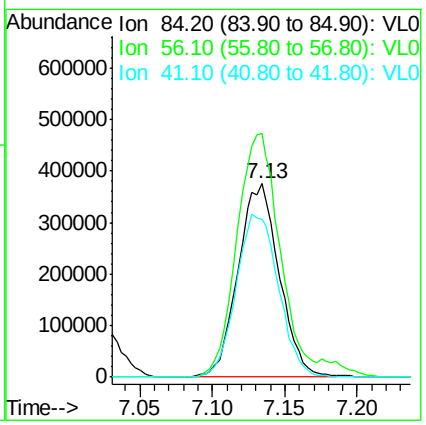


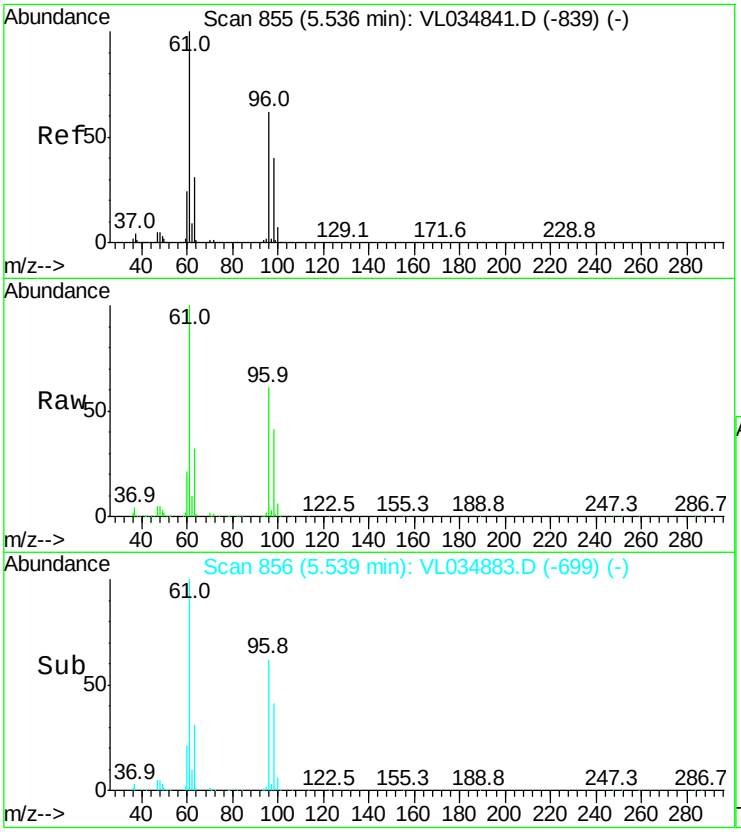


#30
Cyclohexane
Concen: 9.642 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. 0.01 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 84 Resp: 739247

Ion	Ratio	Lower	Upper
84	100		
56	136.9	110.5	165.7
41	86.5	68.2	102.4



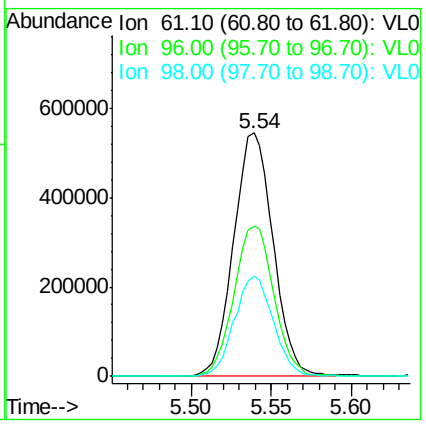


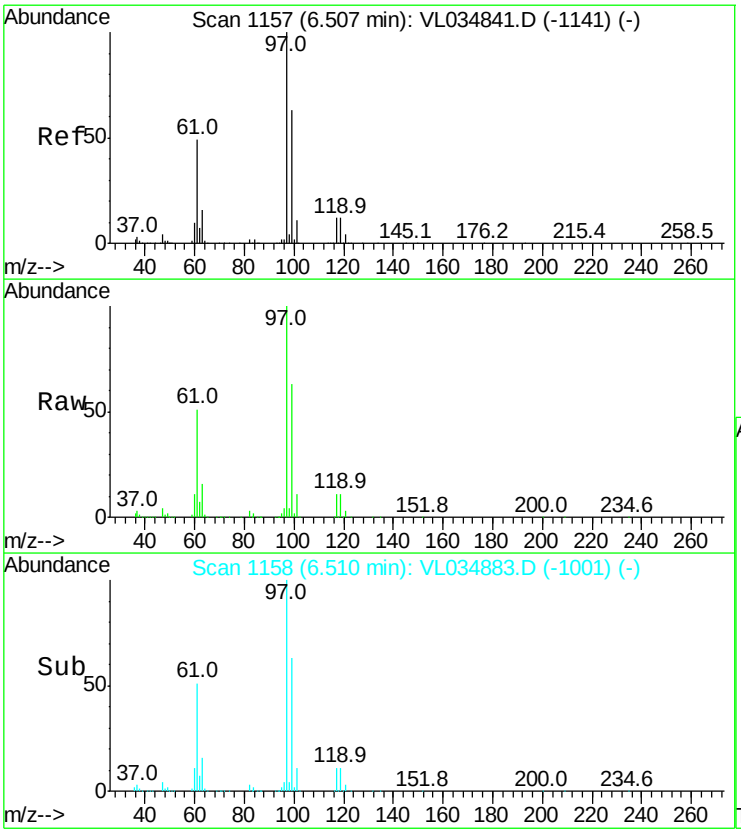
#31
cis-1,2-Dichloroethene
Concen: 9.725 ppbv
RT: 5.54 min Scan# 856
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 61 Resp: 913908

Ion	Ratio	Lower	Upper
61	100		
96	61.4	49.8	74.8
98	41.3	32.2	48.4

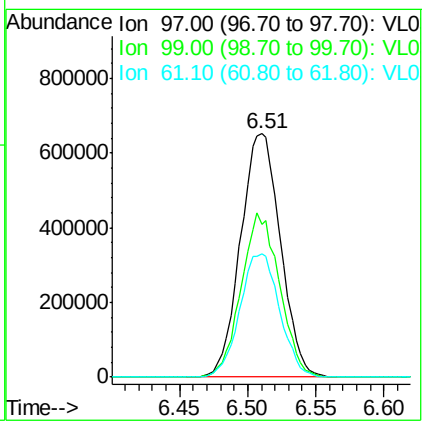


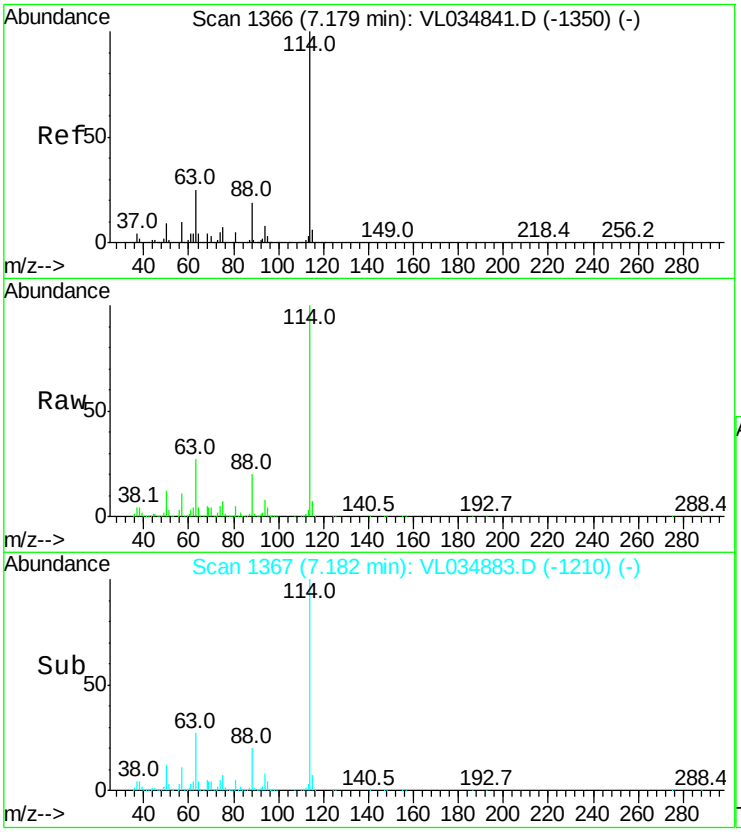


#32
1,1,1-Trichloroethane
Concen: 9.717 ppbv
RT: 6.51 min Scan# 1158
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 97 Resp: 1327524

Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	50.7	39.7	59.5



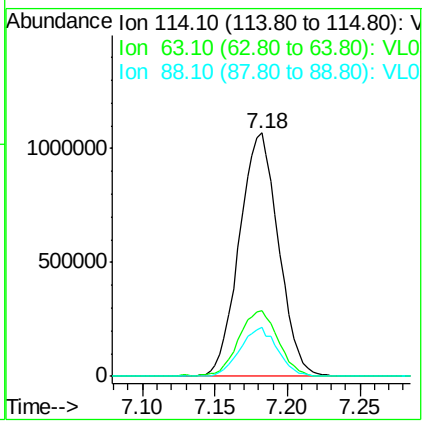


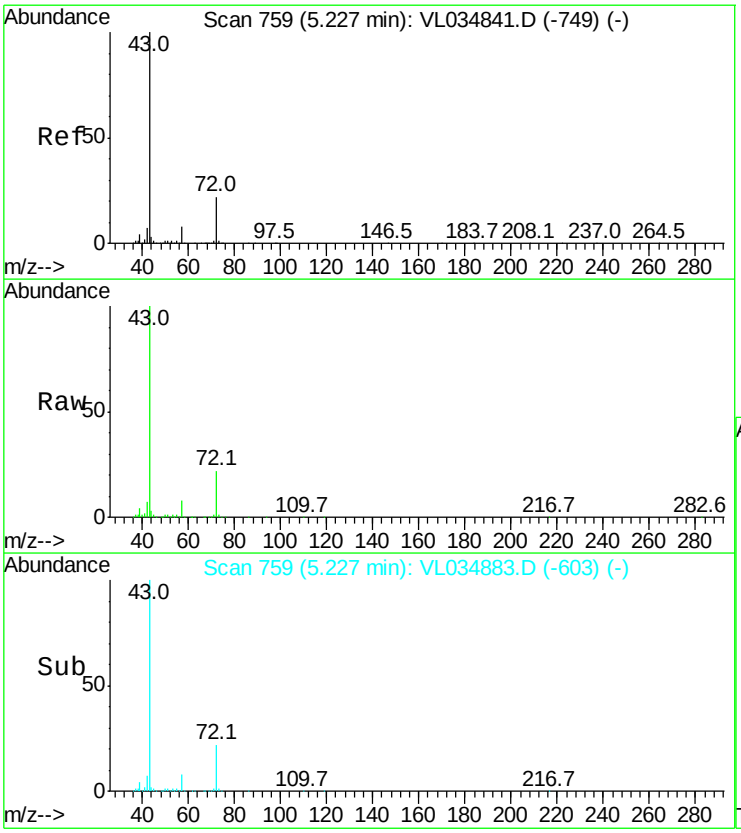
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:114 Resp: 2010623

Ion	Ratio	Lower	Upper
114	100		
63	27.7	20.6	31.0
88	19.3	15.0	22.6

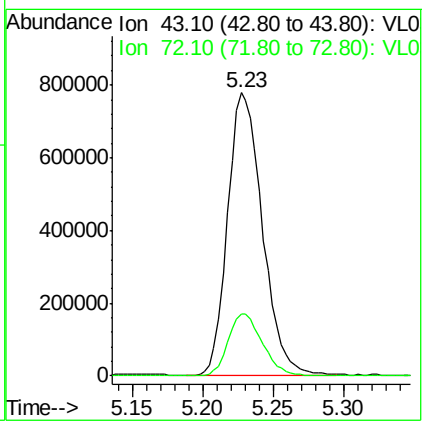


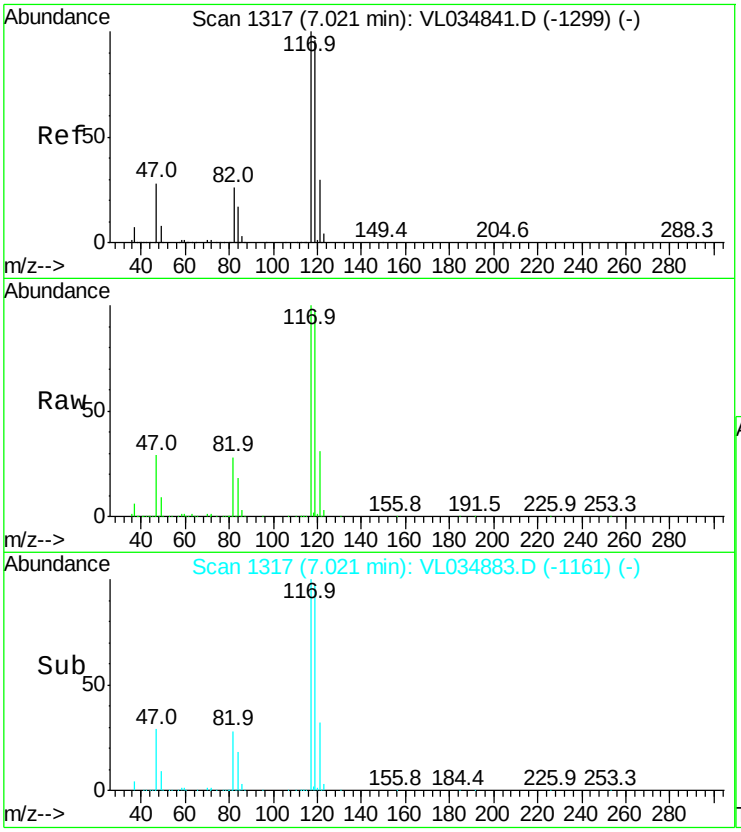


#34
2-Butanone
Concen: 10.050 ppbv
RT: 5.23 min Scan# 759
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 43 Resp: 1342896

Ion	Ratio	Lower	Upper
43	100		
72	21.9	17.6	26.4



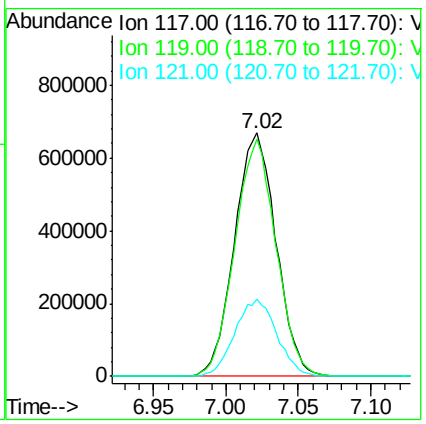


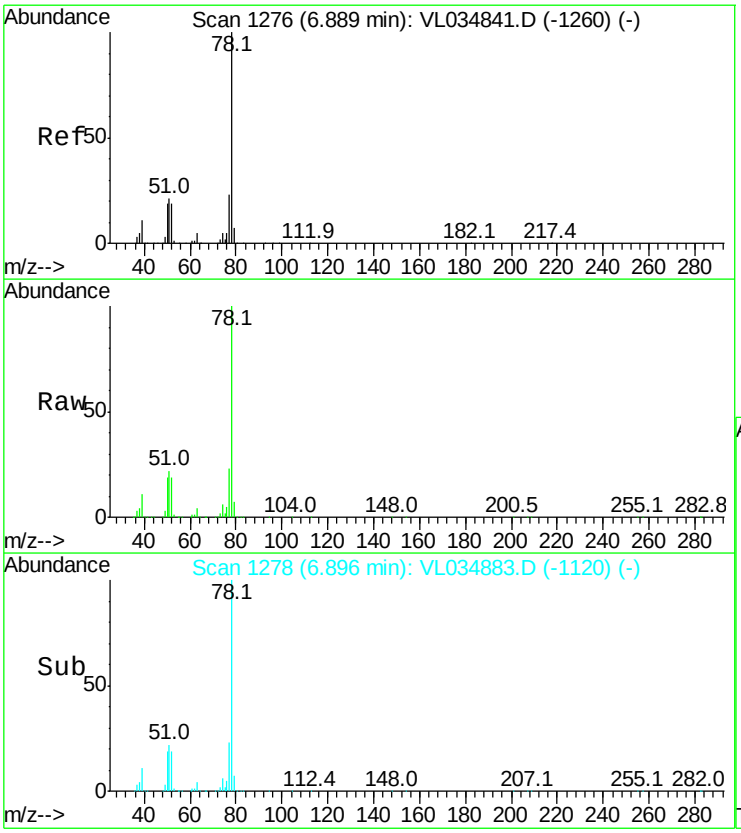
#35
Carbon Tetrachloride
Concen: 10.678 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1335322

Ion	Ratio	Lower	Upper
117	100		
119	97.2	77.0	115.4
121	31.5	24.0	36.0

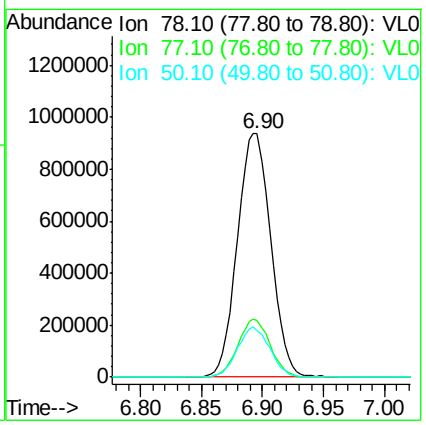


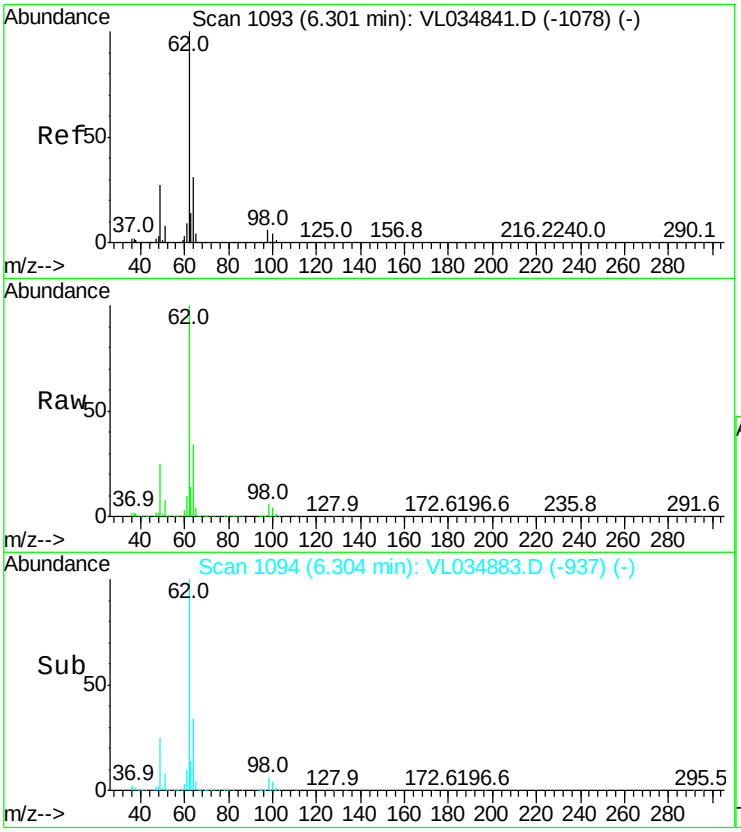


#36
Benzene
Concen: 9.883 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. 0.01 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 78 Resp: 1771289

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2
50	18.9	15.2	22.8



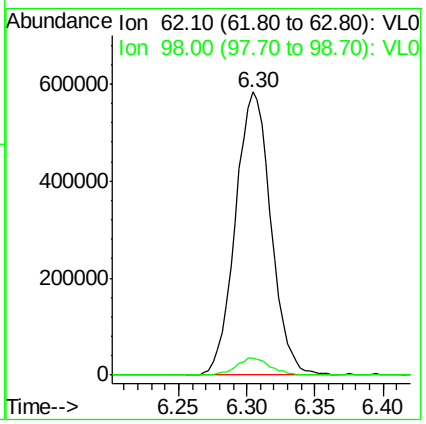


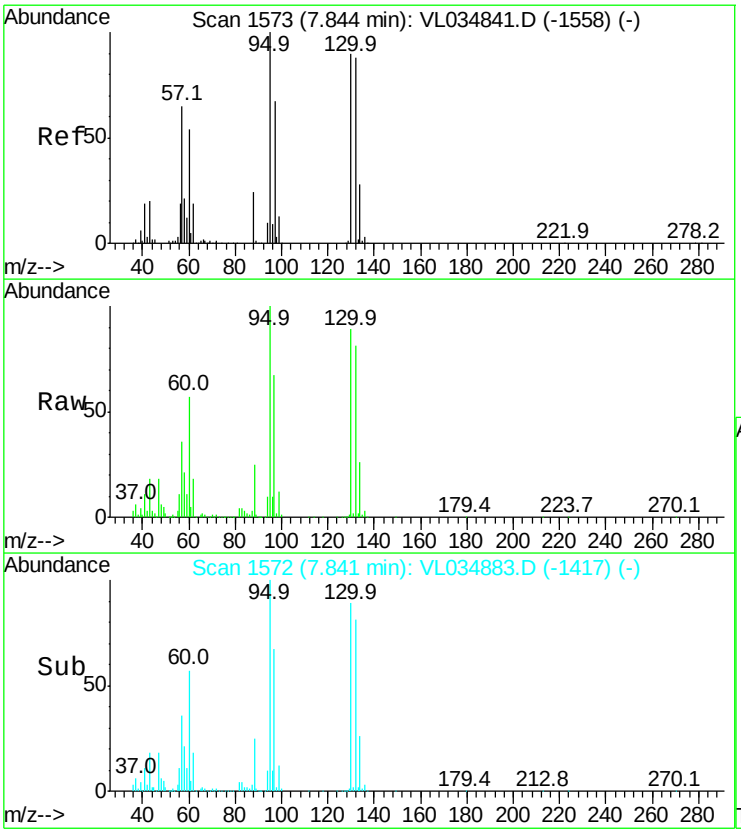
#37
1,2-Dichloroethane
Concen: 10.425 ppbv
RT: 6.30 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 62 Resp: 1053458

Ion	Ratio	Lower	Upper
62	100		
98	5.9	5.2	7.8

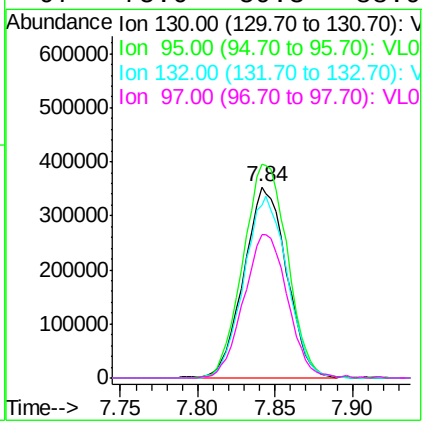


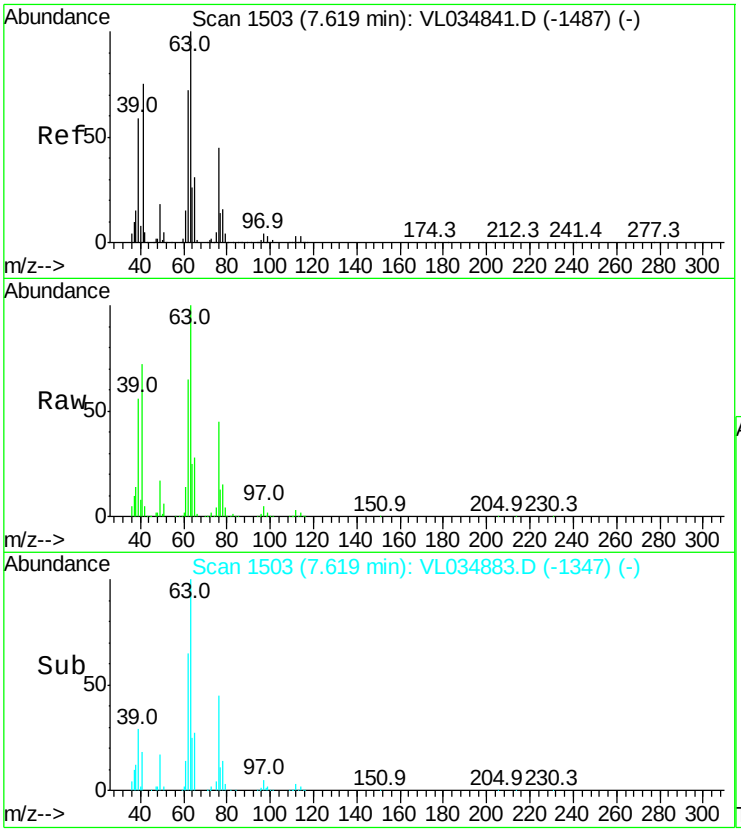


#38
Trichloroethene
Concen: 9.925 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:130 Resp: 675575

Ion	Ratio	Lower	Upper
130	100		
95	111.9	88.5	132.7
132	90.9	78.0	117.0
97	75.0	59.3	88.9



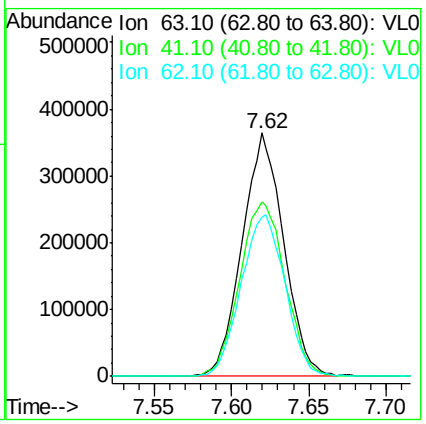


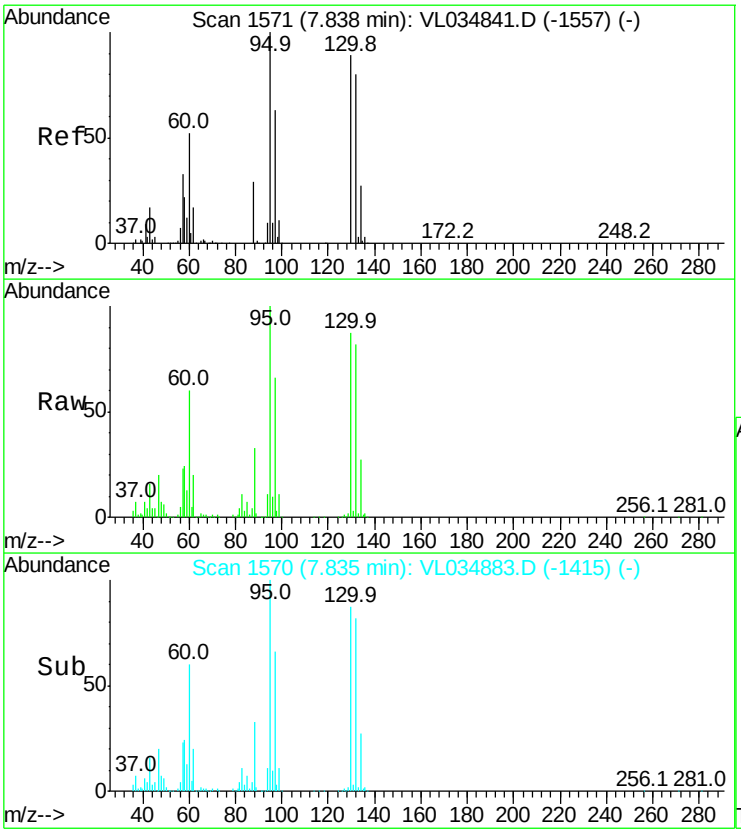
#39
1,2-Dichloropropane
Concen: 9.588 ppbv
RT: 7.62 min Scan# 1503
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 63 Resp: 680774

Ion	Ratio	Lower	Upper
63	100		
41	71.8	59.8	89.8
62	65.1	57.6	86.4

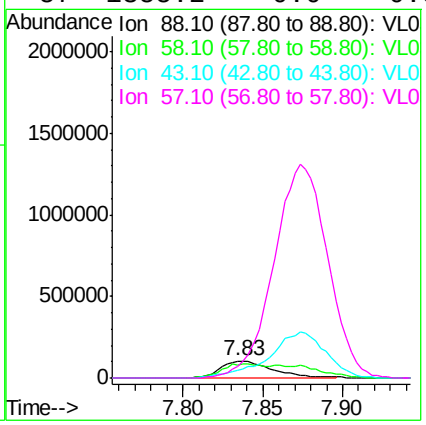


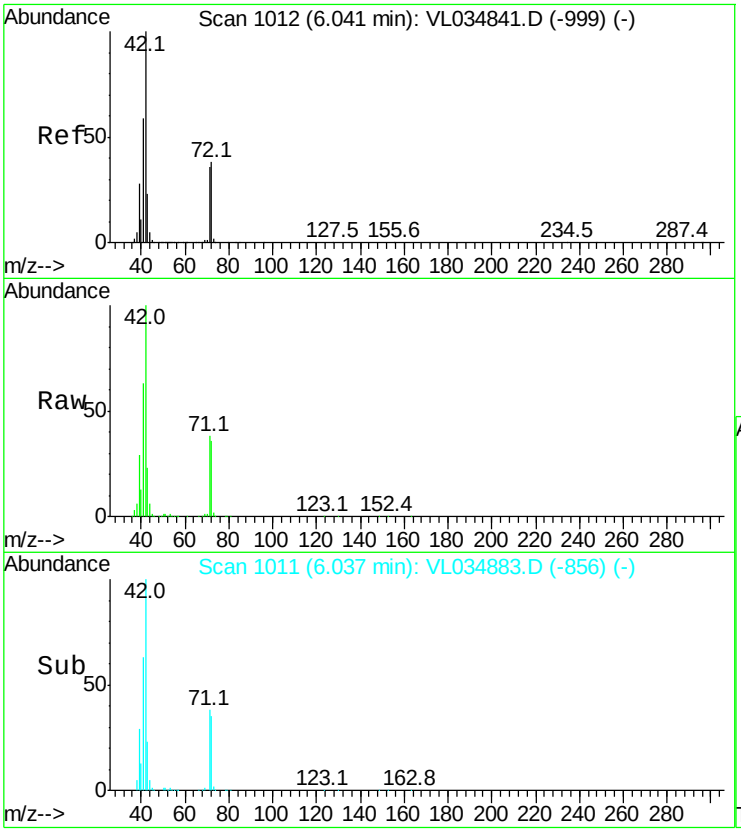


#40
1,4-Dioxane
Concen: 8.458 ppbv
RT: 7.83 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 88 Resp: 226811

Ion	Ratio	Lower	Upper
88	100		
58	143.4	103.9	155.9
43	307.7	0.0	0.0#
57	1355.2	0.0	0.0#



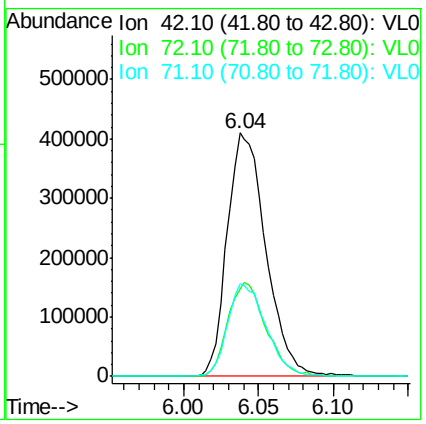


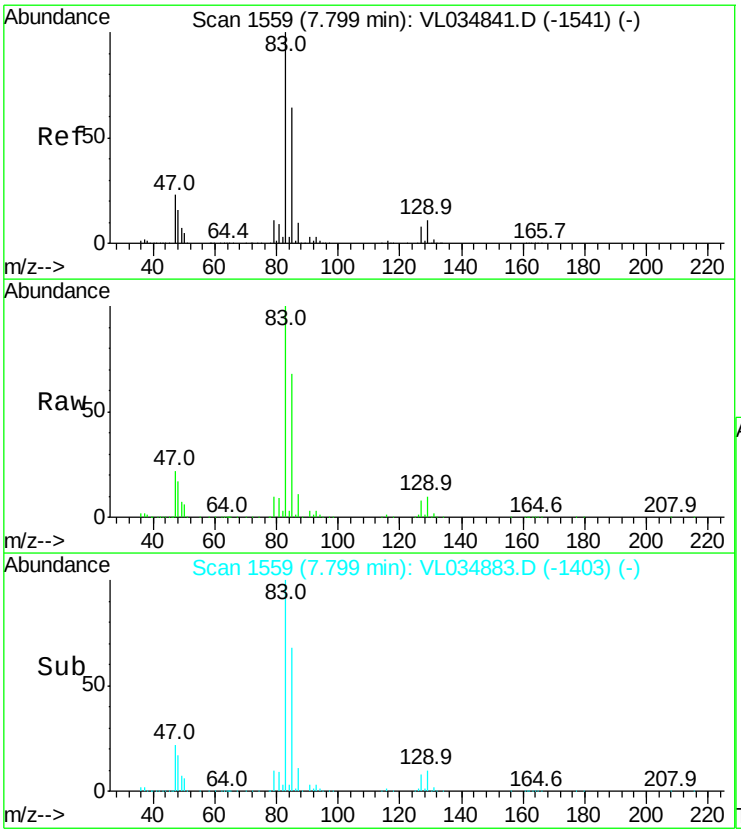
#41
Tetrahydrofuran
Concen: 10.227 ppbv
RT: 6.04 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 42 Resp: 739368

Ion	Ratio	Lower	Upper
42	100		
72	38.3	30.8	46.2
71	37.7	30.1	45.1

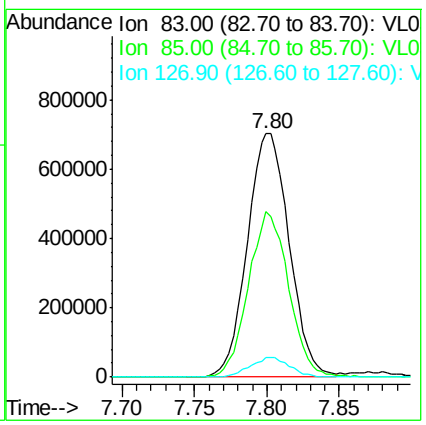


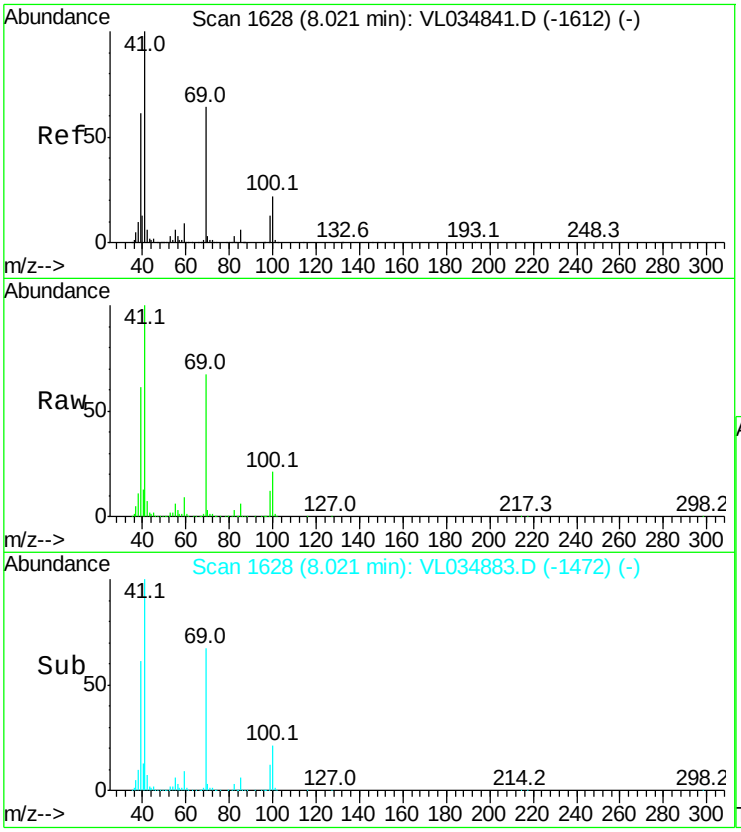


#42
Bromodichloromethane
Concen: 10.247 ppbv
RT: 7.80 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 83 Resp: 1411335

Ion	Ratio	Lower	Upper
83	100		
85	68.1	51.4	77.2
127	8.2	6.2	9.4



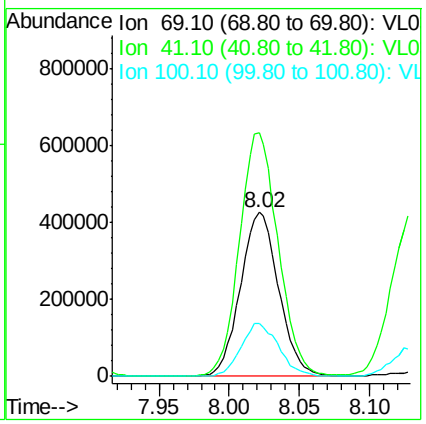


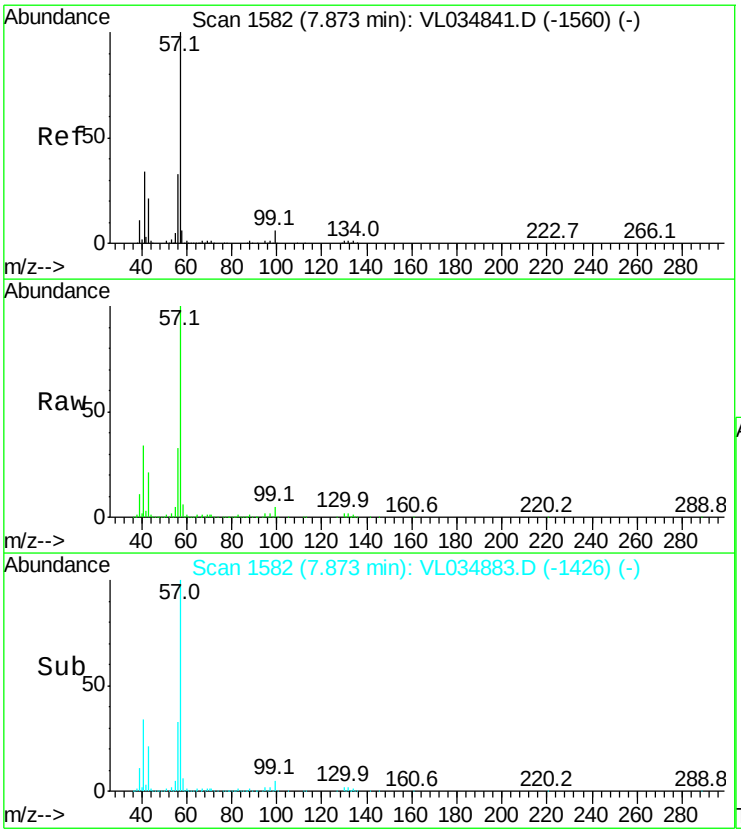
#43
Methyl Methacrylate
Concen: 10.750 ppbv
RT: 8.02 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 811662

Ion	Ratio	Lower	Upper
69	100		
41	150.4	123.2	184.8
100	31.9	26.9	40.3

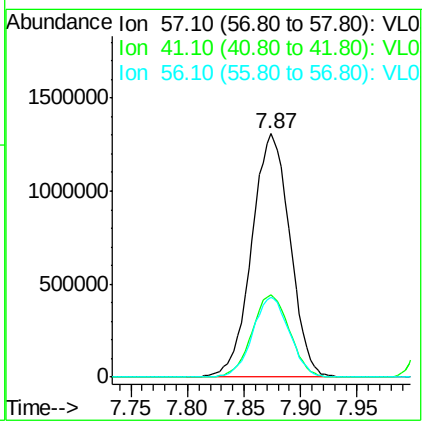


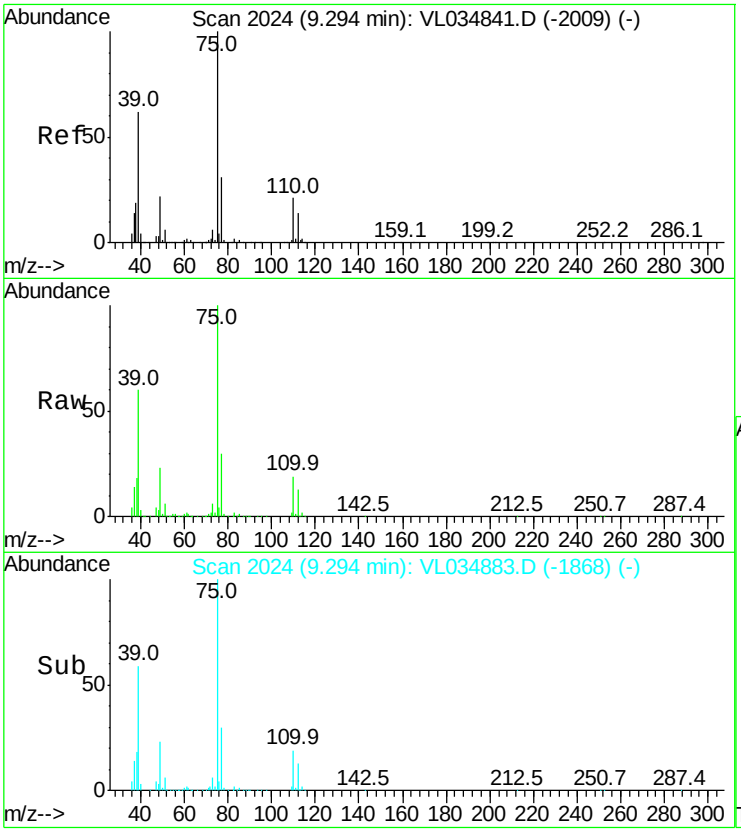


#44
2,2,4-Trimethylpentane
Concen: 10.134 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 57 Resp: 3069043

Ion	Ratio	Lower	Upper
57	100		
41	33.2	26.2	39.4
56	31.6	25.0	37.4



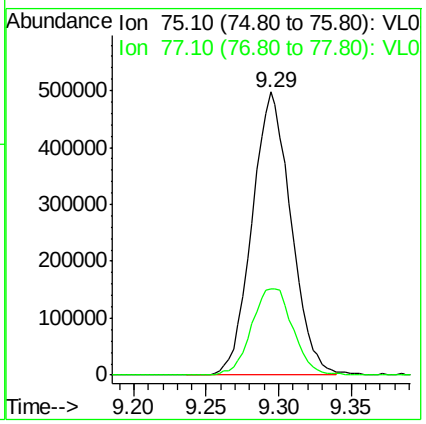


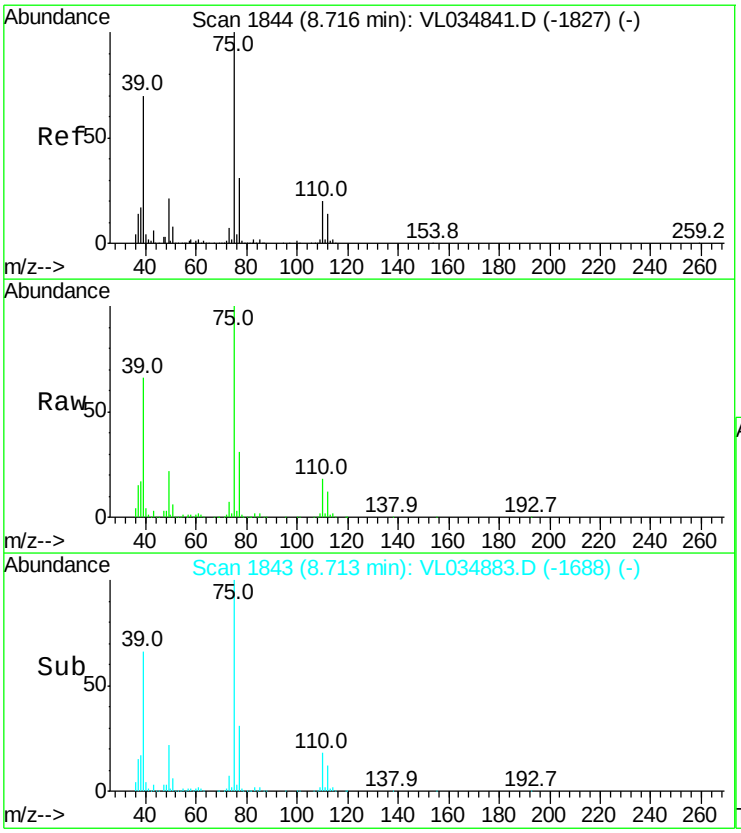
#45
t-1,3-Dichloropropene
Concen: 10.485 ppbv
RT: 9.29 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 75 Resp: 930081

Ion	Ratio	Lower	Upper
75	100		
77	30.4	24.6	37.0

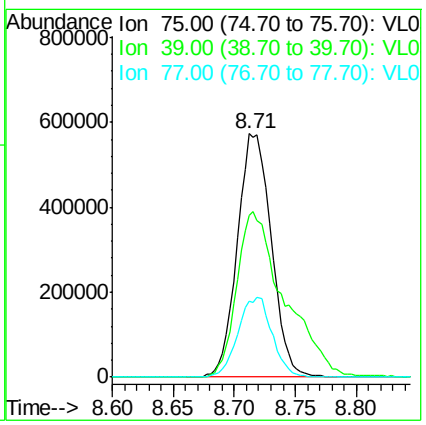


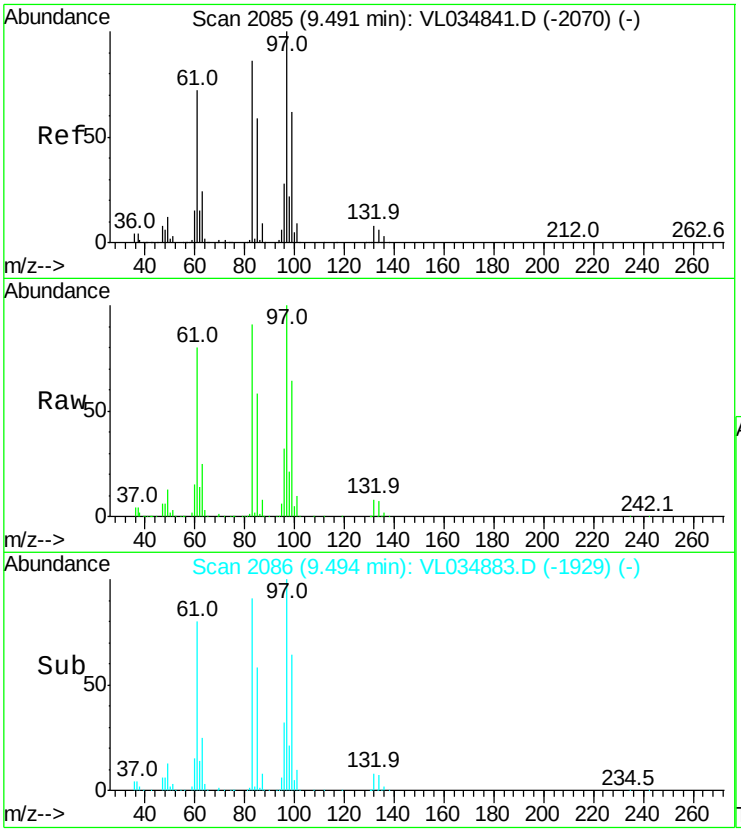


#46
cis-1,3-Dichloropropene
Concen: 10.433 ppbv
RT: 8.71 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 75 Resp: 1099755

Ion	Ratio	Lower	Upper
75	100		
39	66.2	55.7	83.5
77	30.9	24.7	37.1



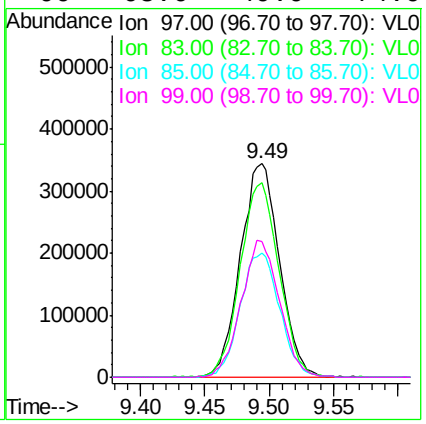


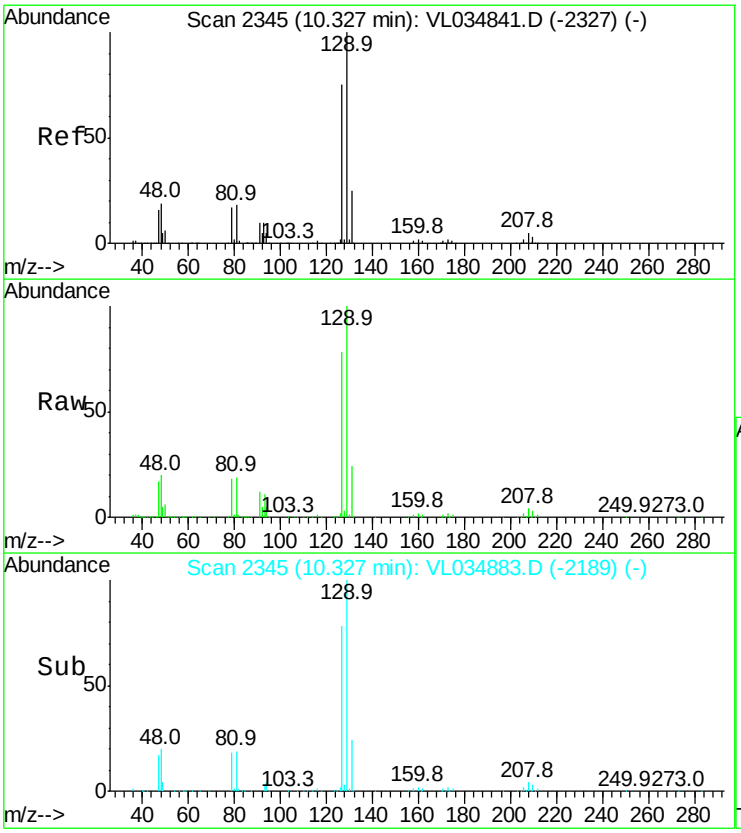
#47
1,1,2-Trichloroethane
Concen: 9.986 ppbv
RT: 9.49 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 97 Resp: 727655

Ion	Ratio	Lower	Upper
97	100		
83	91.1	68.6	102.8
85	58.2	46.9	70.3
99	63.6	49.9	74.9

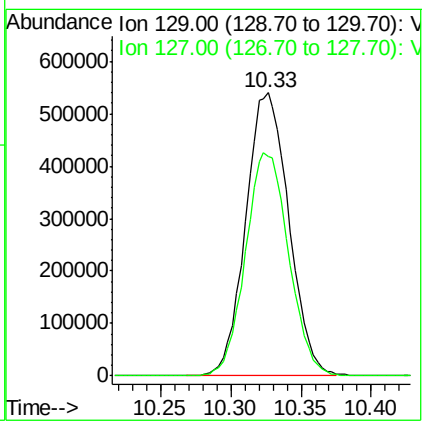


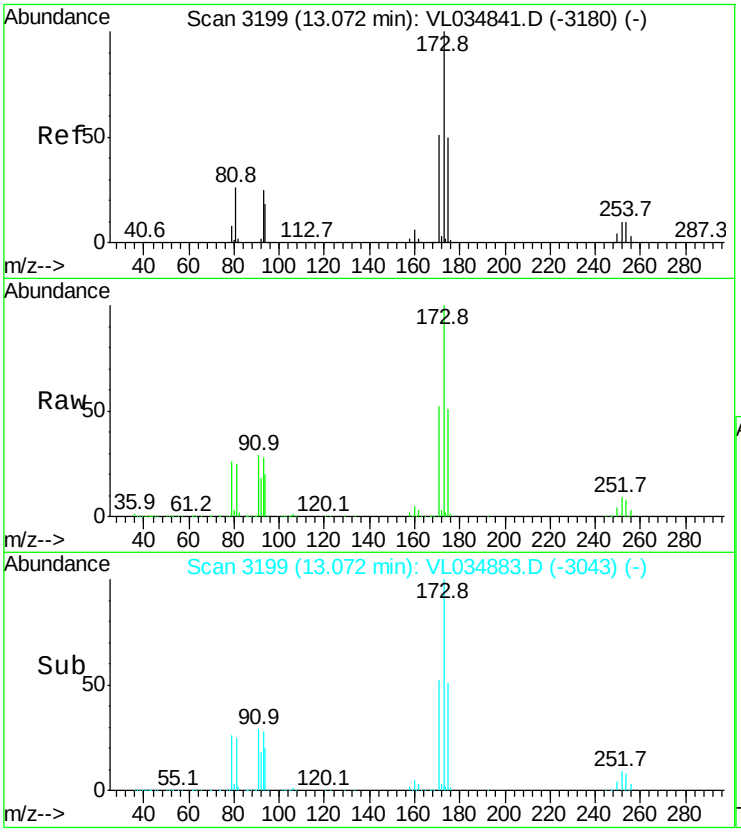


#48
Dibromochloromethane
Concen: 9.772 ppbv
RT: 10.33 min Scan# 2345
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:129 Resp: 1153192

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.6	118.7



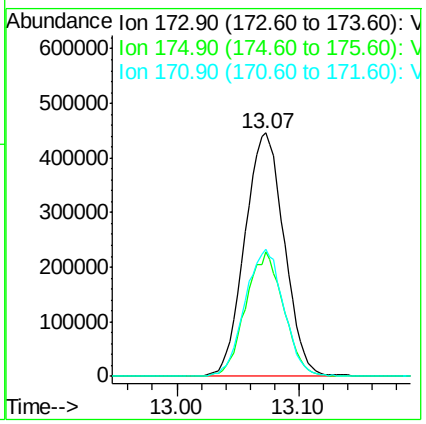


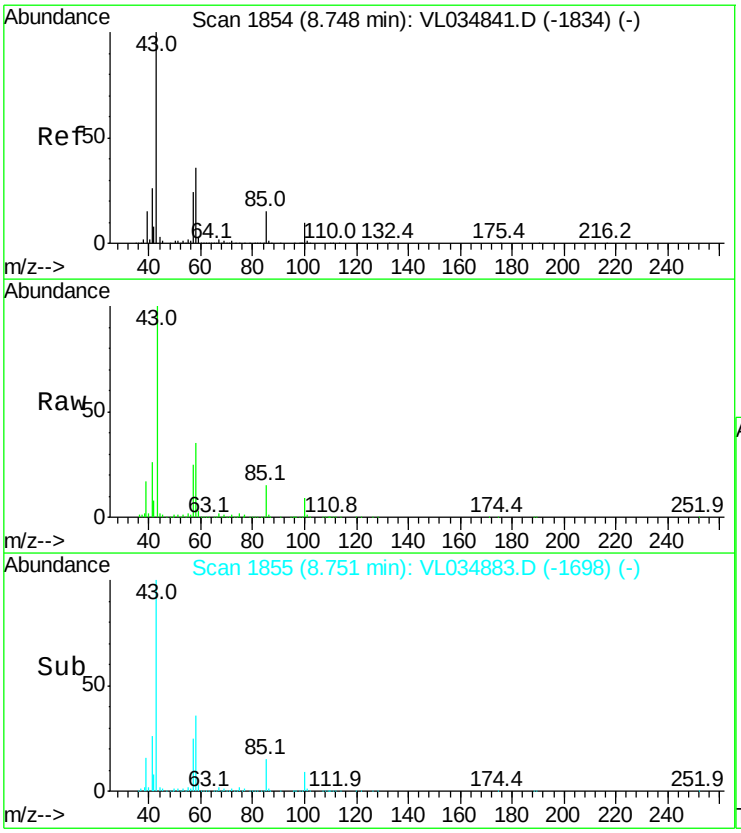
#49
Bromoform
Concen: 9.443 ppbv
RT: 13.07 min Scan# 3199
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:173 Resp: 993639

Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.6	59.4
171	51.6	41.0	61.6

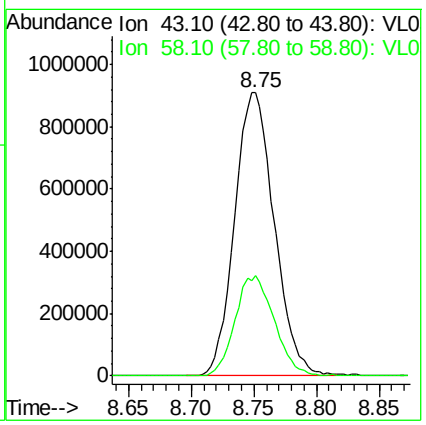


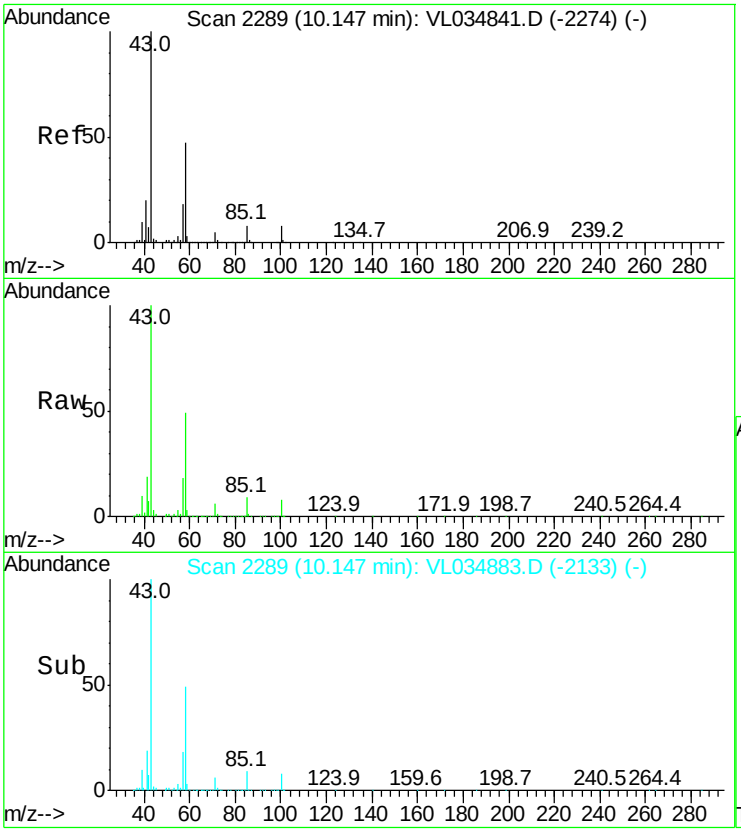


#50
4-Methyl-2-Pentanone
Concen: 10.372 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 43 Resp: 1995018

Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.6	42.8



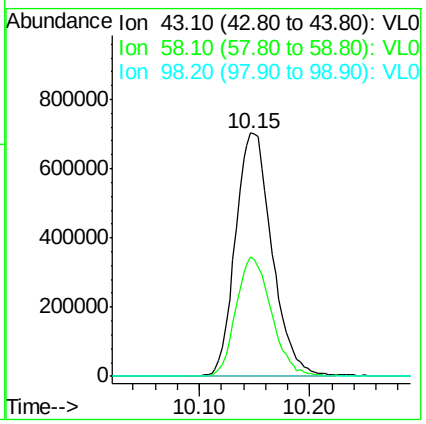


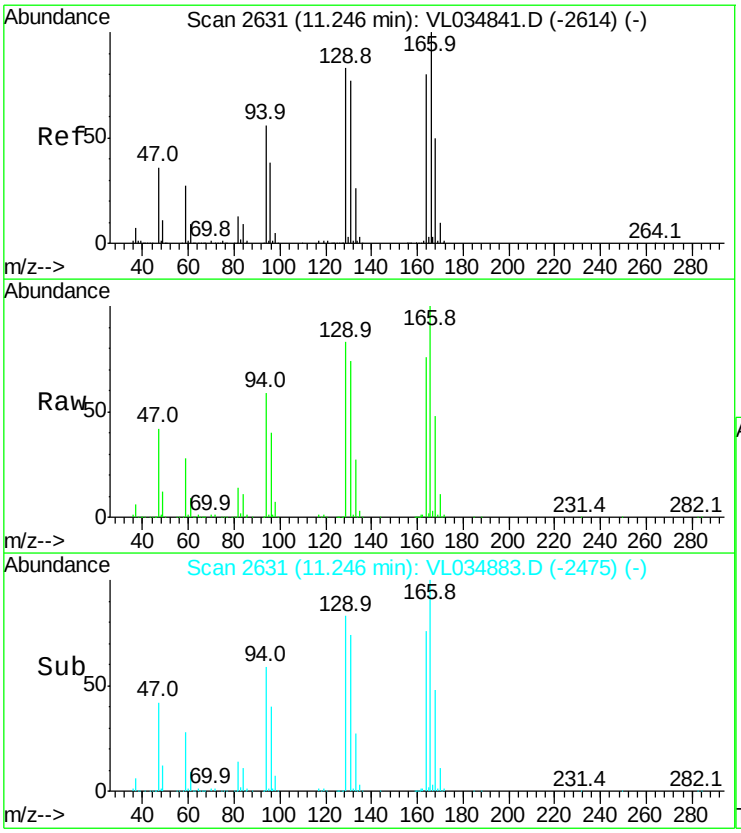
#51
2-Hexanone
Concen: 10.330 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 43 Resp: 1614668

Ion	Ratio	Lower	Upper
43	100		
58	47.7	38.6	58.0
98	0.3	0.1	0.1#

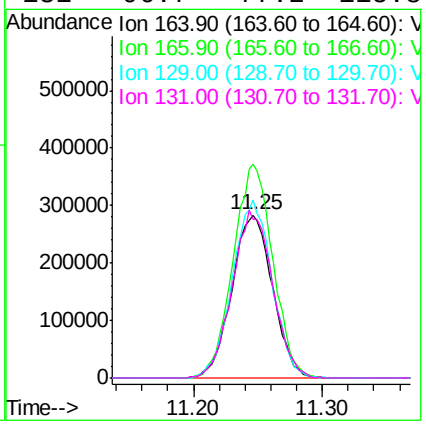


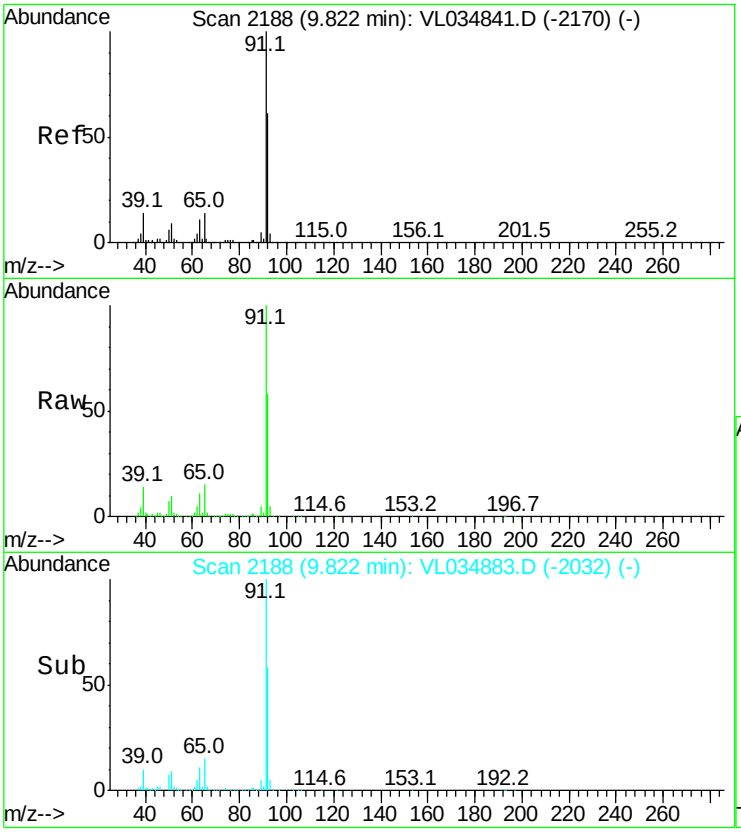


#52
Tetrachloroethene
Concen: 8.729 ppbv
RT: 11.25 min Scan# 2631
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:164 Resp: 618887

Ion	Ratio	Lower	Upper
164	100		
166	130.7	100.0	150.0
129	108.8	83.1	124.7
131	96.7	77.2	115.8



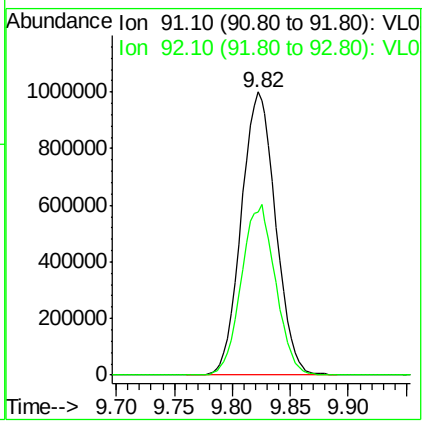


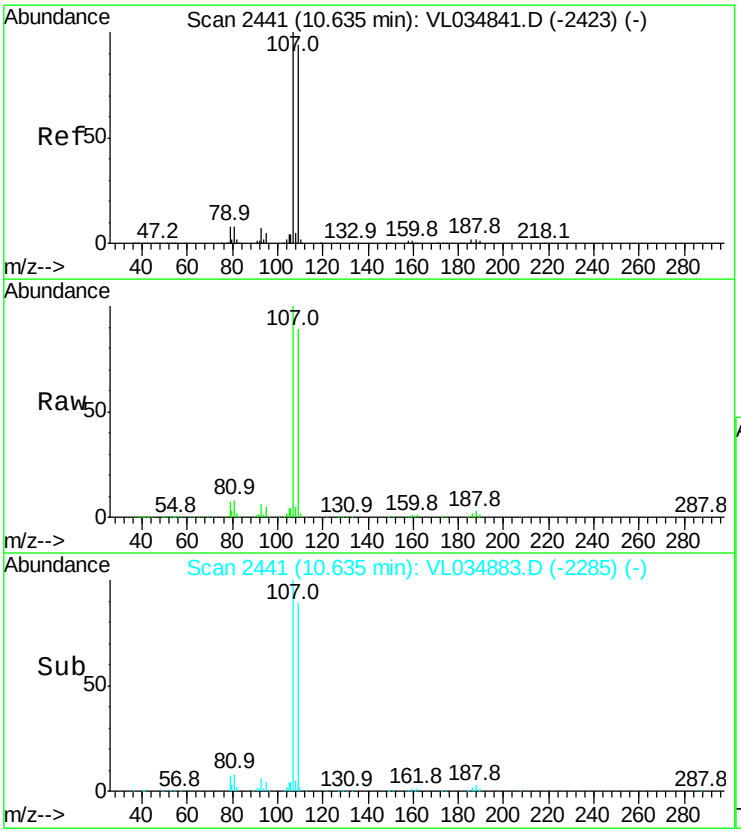
#53
Toluene
Concen: 9.955 ppbv
RT: 9.82 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2060294

Ion	Ratio	Lower	Upper
91	100		
92	60.1	48.6	72.8

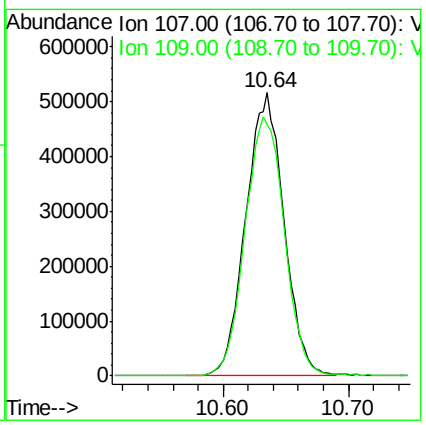


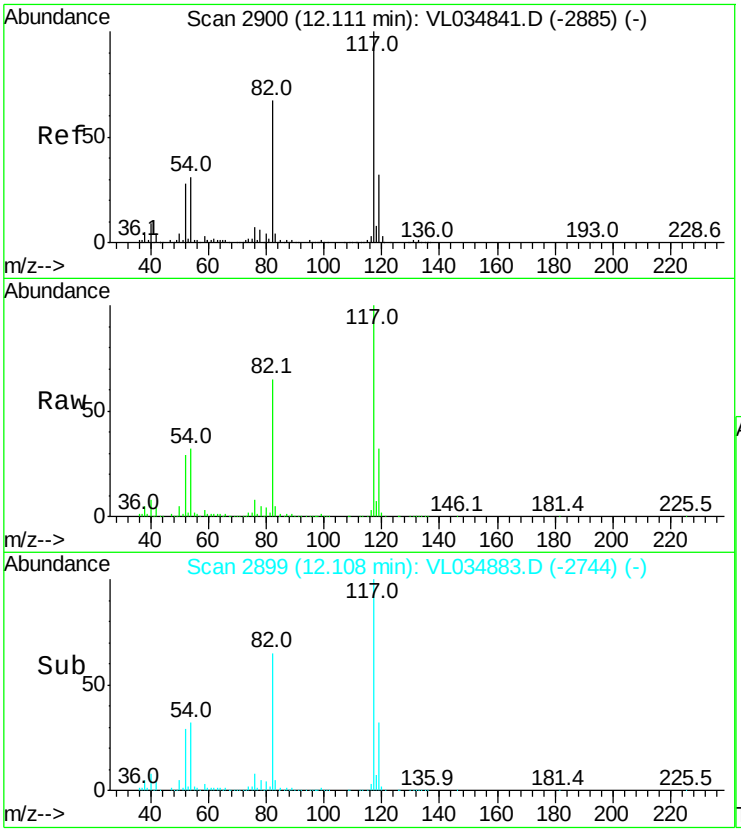


#54
1,2-Dibromoethane
Concen: 9.915 ppbv
RT: 10.64 min Scan# 2441
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:107 Resp: 1087591

Ion	Ratio	Lower	Upper
107	100		
109	88.9	74.9	112.3



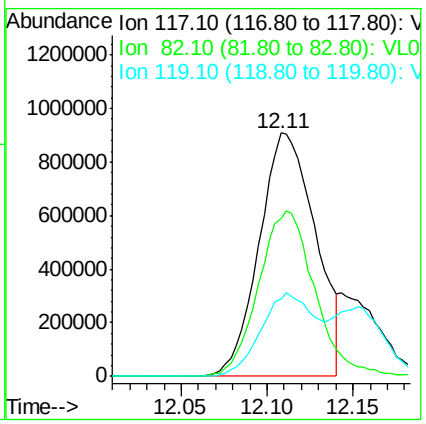


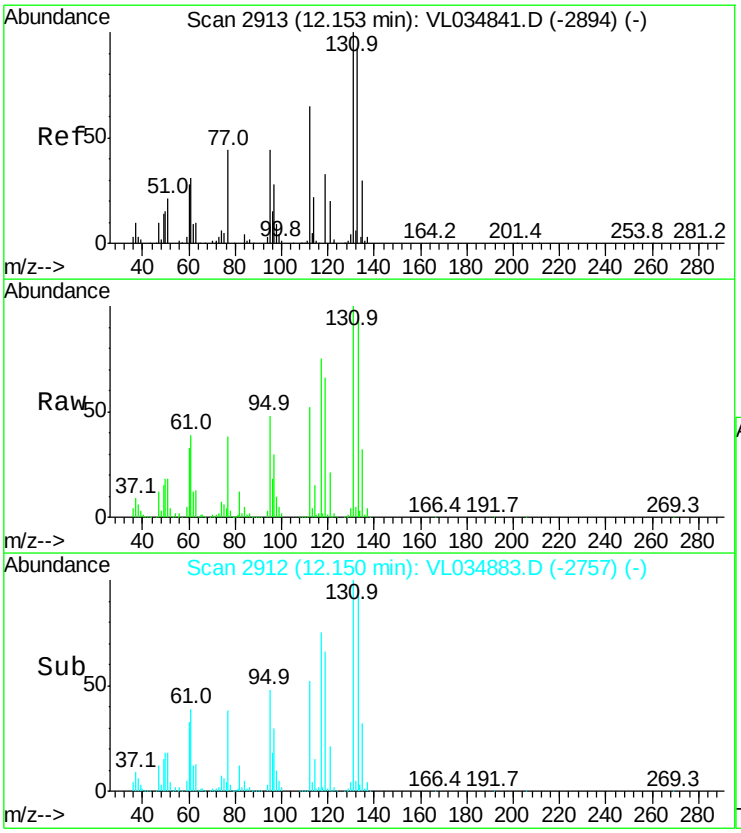
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 2062610

Ion	Ratio	Lower	Upper
117	100		
82	68.4	51.1	76.7
119	35.1	27.3	40.9

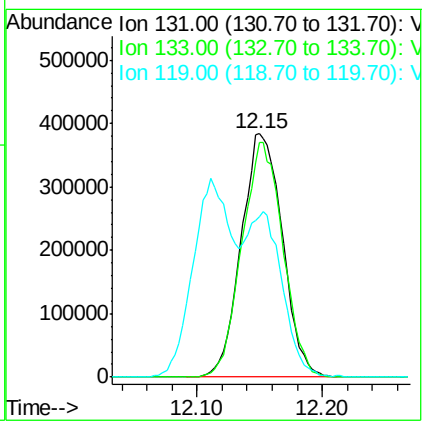


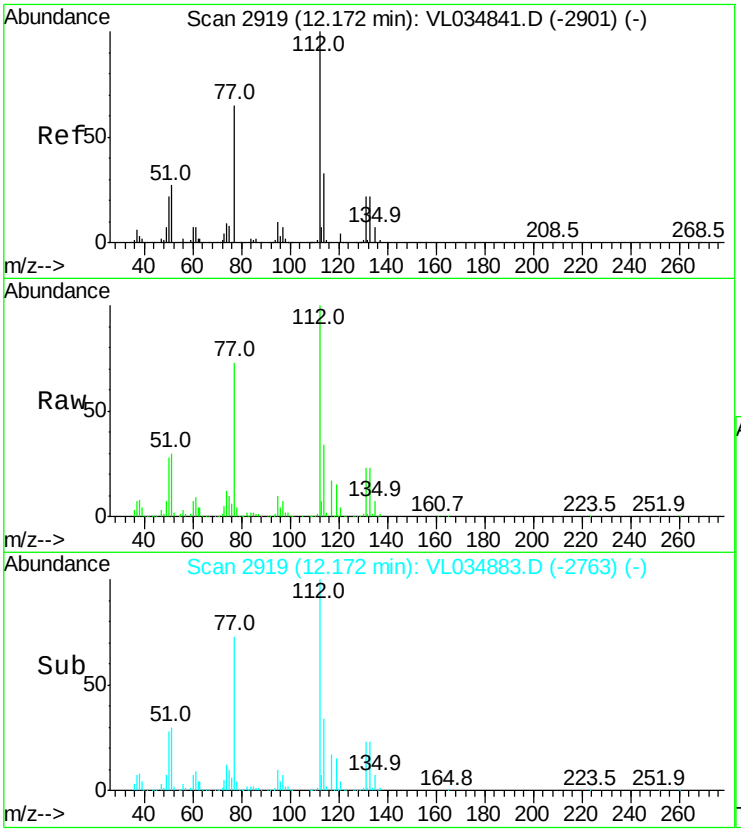


#56
1,1,1,2-Tetrachloroethane
Concen: 9.484 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:131 Resp: 878729

Ion	Ratio	Lower	Upper
131	100		
133	95.8	76.0	114.0
119	60.6	47.8	71.8



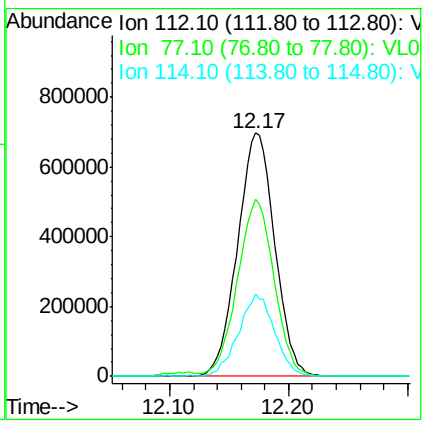


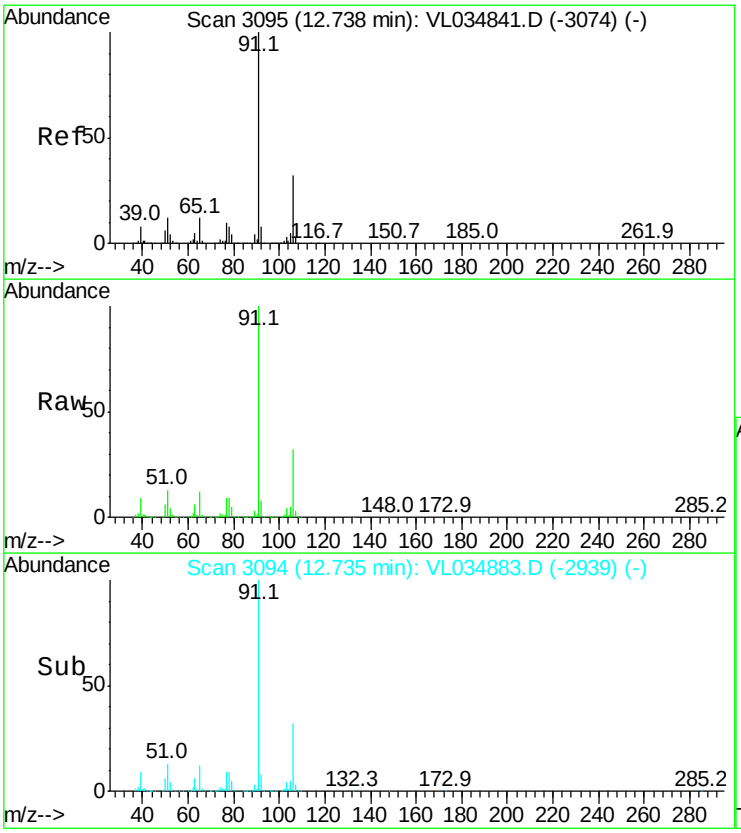
#57
Chlorobenzene
Concen: 9.348 ppbv
RT: 12.17 min Scan# 2919
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 1508654

Ion	Ratio	Lower	Upper
112	100		
77	72.6	53.0	79.6
114	33.6	29.5	36.1

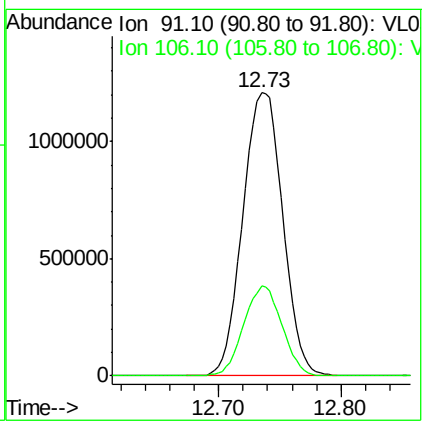


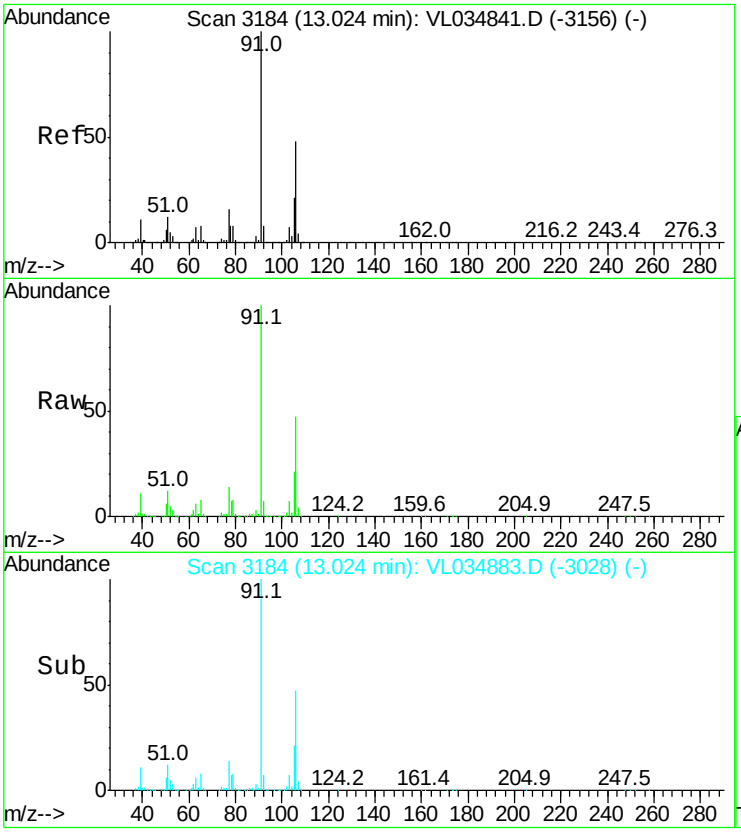


#58
Ethyl Benzene
Concen: 9.784 ppbv
RT: 12.73 min Scan# 3094
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 91 Resp: 2732807

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.8	38.6



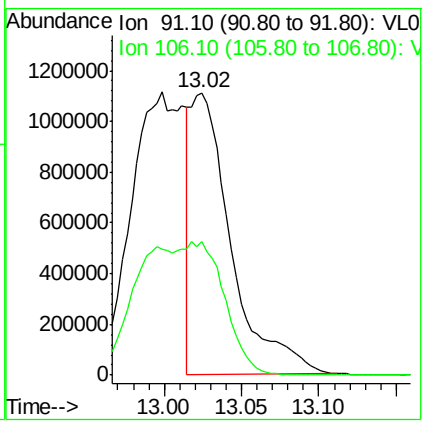


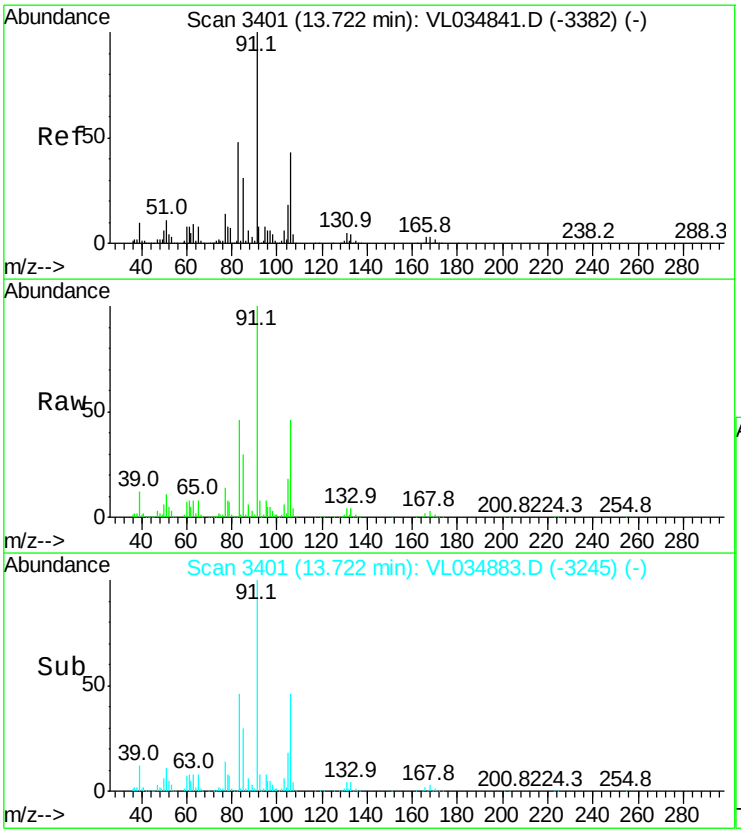
#59
m/p-Xylene
Concen: 8.576 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2006838

Ion	Ratio	Lower	Upper
91	100		
106	102.4	37.1	55.7#

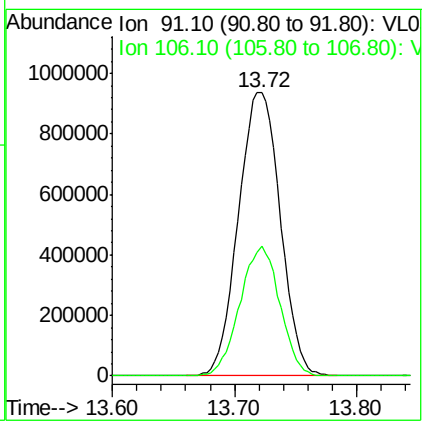


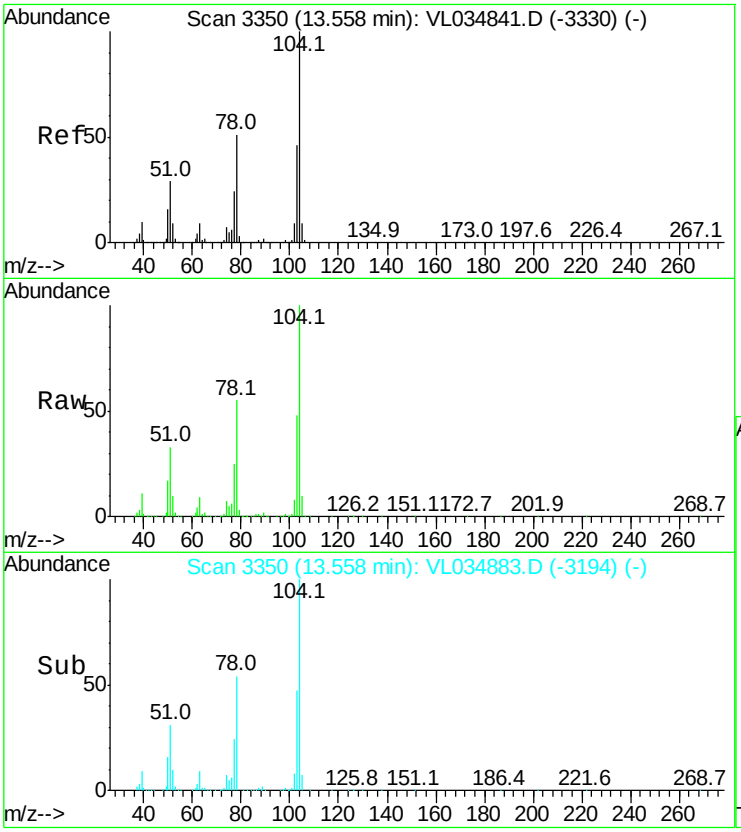


#60
o-Xylene
Concen: 9.690 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 91 Resp: 2214113

Ion	Ratio	Lower	Upper
91	100		
106	43.9	22.5	67.5



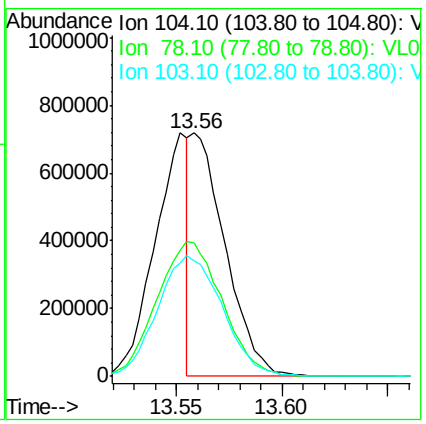


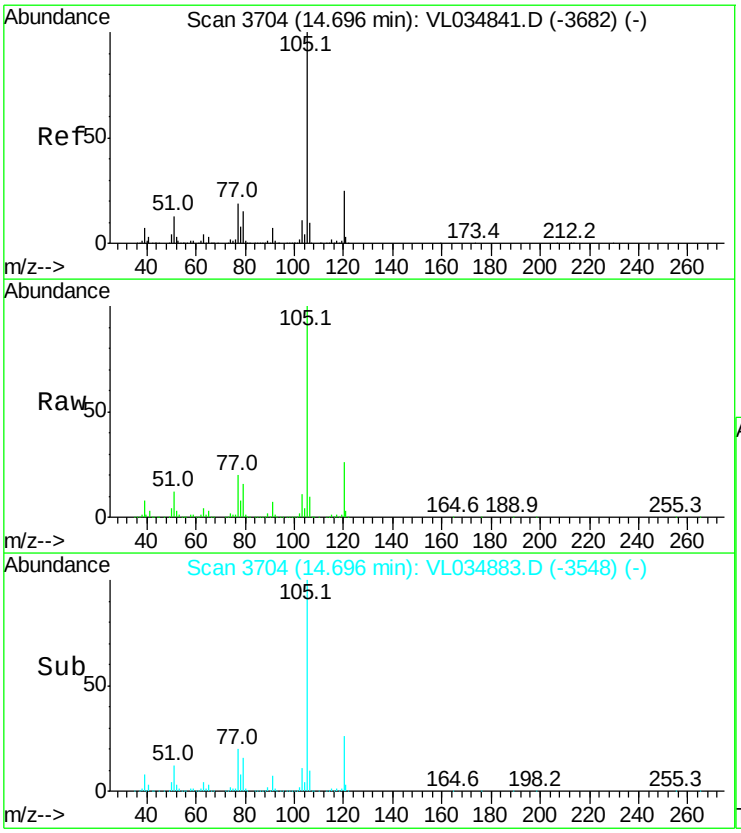
#61
Styrene
Concen: 5.056 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 810763

Ion	Ratio	Lower	Upper
104	100		
78	105.7	41.8	62.6#
103	94.1	37.8	56.6#

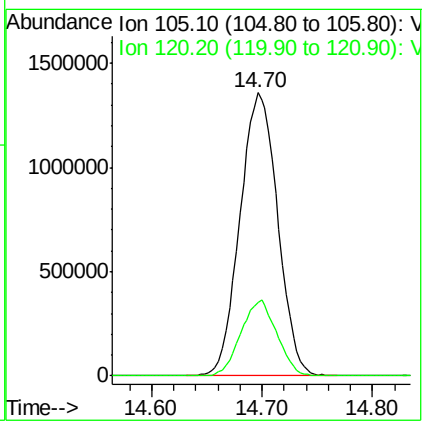


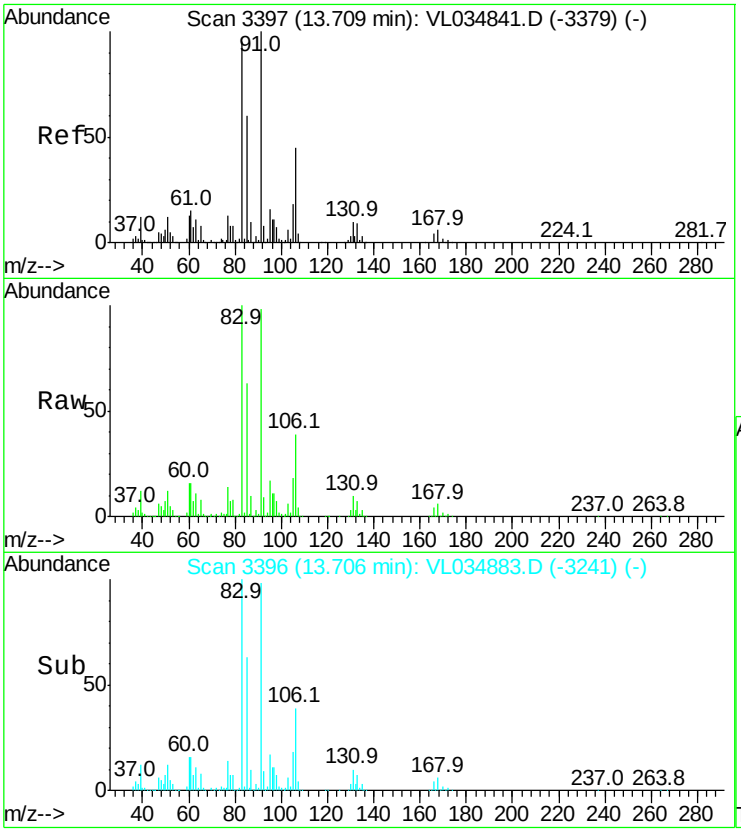


#62
Isopropylbenzene
Concen: 9.309 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:105 Resp: 3216140

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.0	31.4



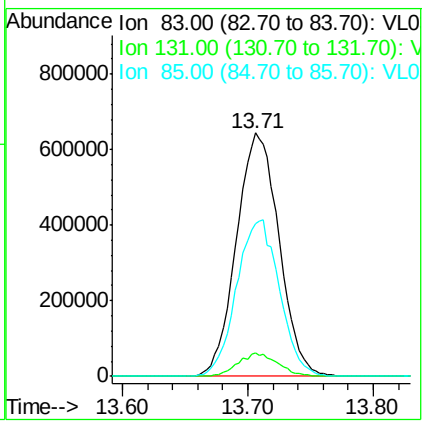


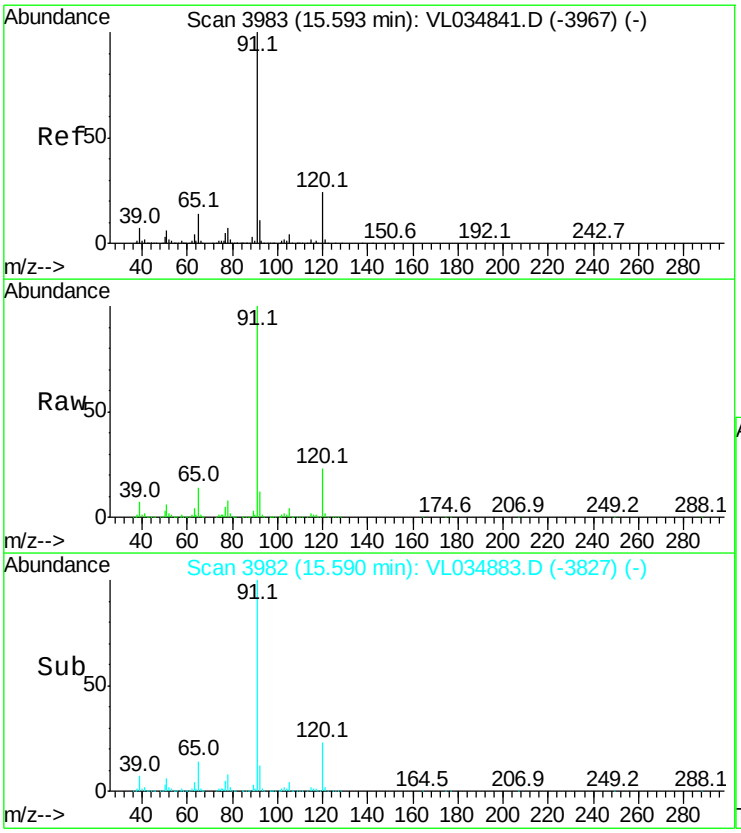
#63
1,1,2,2-Tetrachloroethane
Concen: 9.774 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 83 Resp: 1516029

Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.0	14.9
85	65.0	32.4	97.2

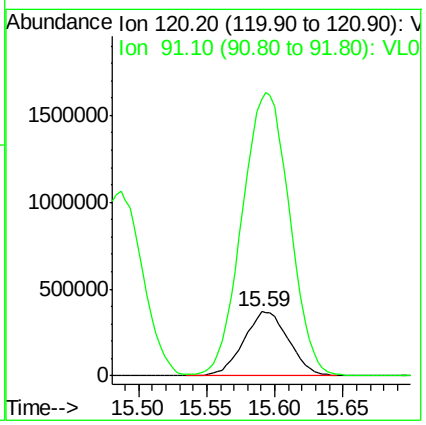


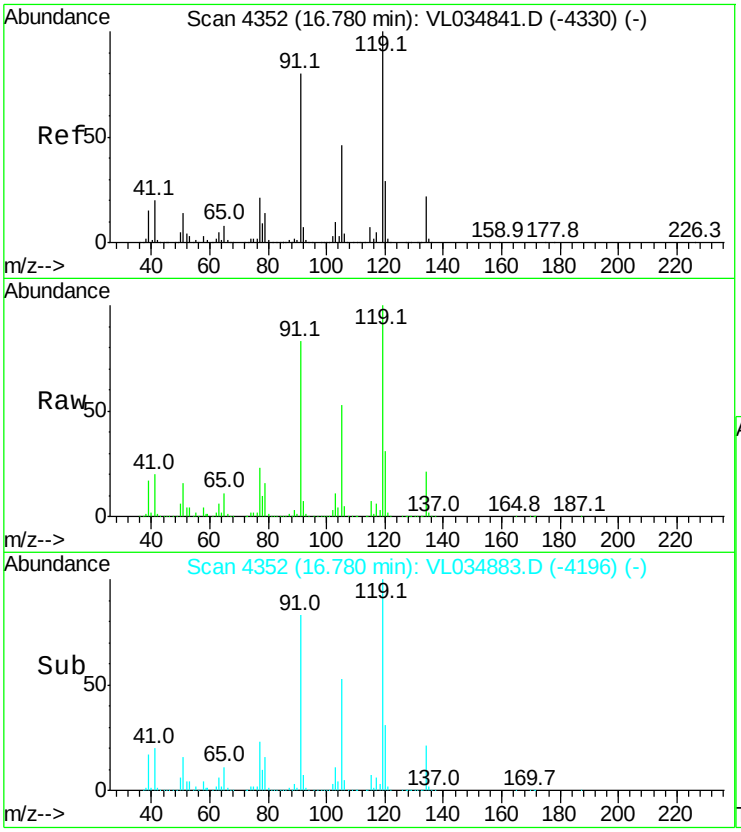


#64
n-propylbenzene
Concen: 9.433 ppbv
RT: 15.59 min Scan# 3982
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:120 Resp: 848229

Ion	Ratio	Lower	Upper
120	100		
91	466.2	360.9	541.3



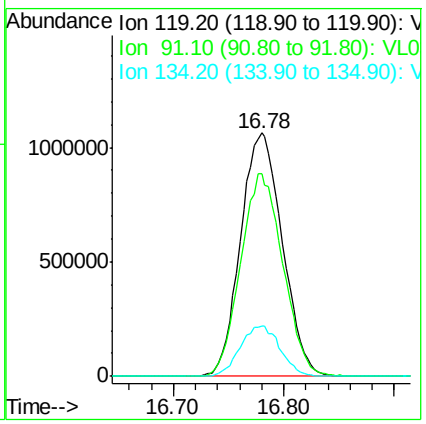


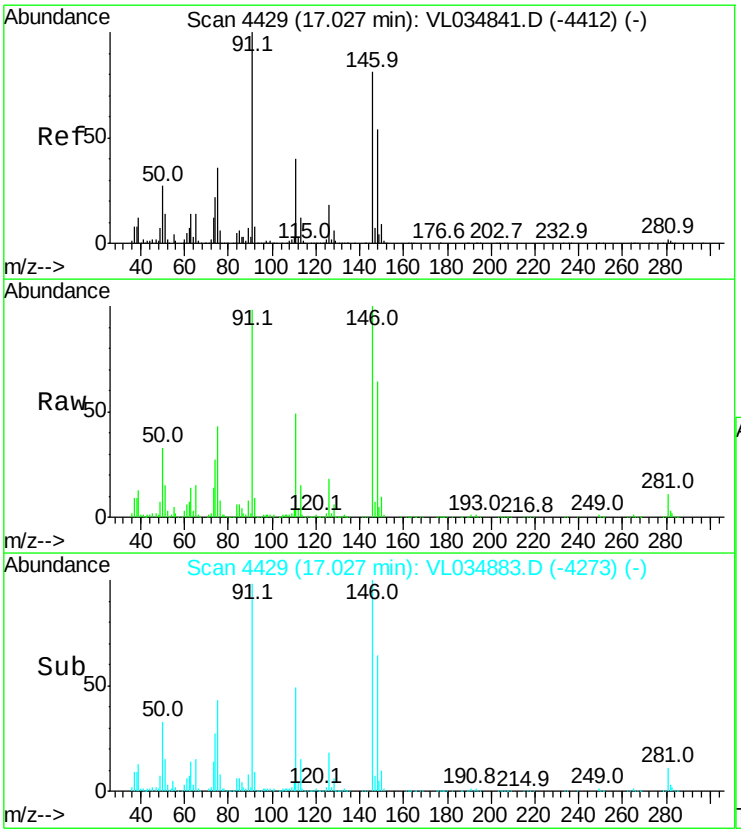
#65
tert-Butylbenzene
Concen: 9.230 ppbv
RT: 16.78 min Scan# 4352
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:119 Resp: 2787533

Ion	Ratio	Lower	Upper
119	100		
91	84.3	64.9	97.3
134	19.9	15.9	23.9

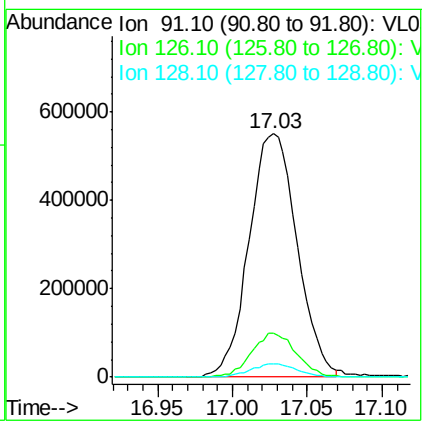


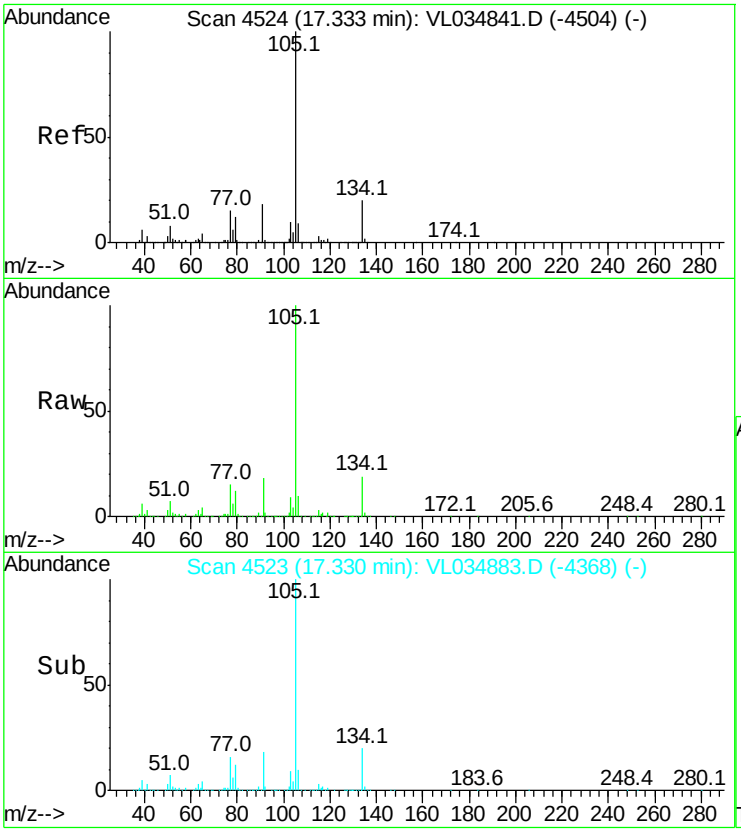


#66
Benzyl Chloride
Concen: 9.762 ppbv
RT: 17.03 min Scan# 4429
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 91 Resp: 1229385

Ion	Ratio	Lower	Upper
91	100		
126	17.1	14.7	22.1
128	5.5	4.7	7.1



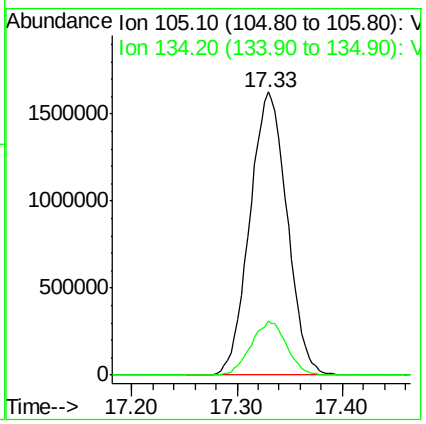


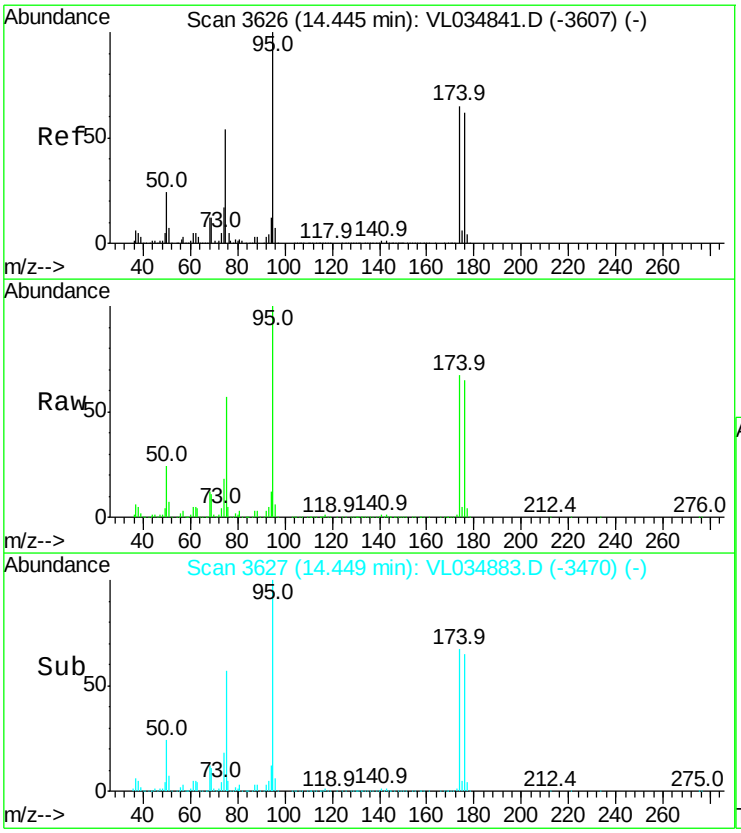
#67
sec-Butylbenzene
Concen: 9.545 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 3997432

Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.0	22.6

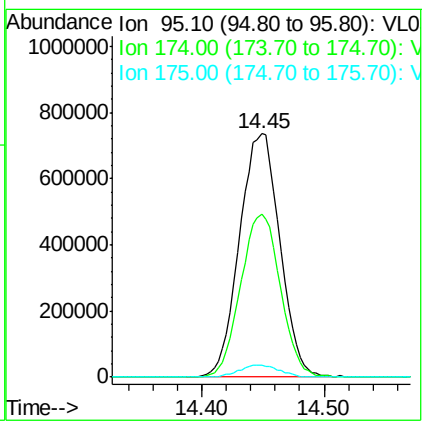


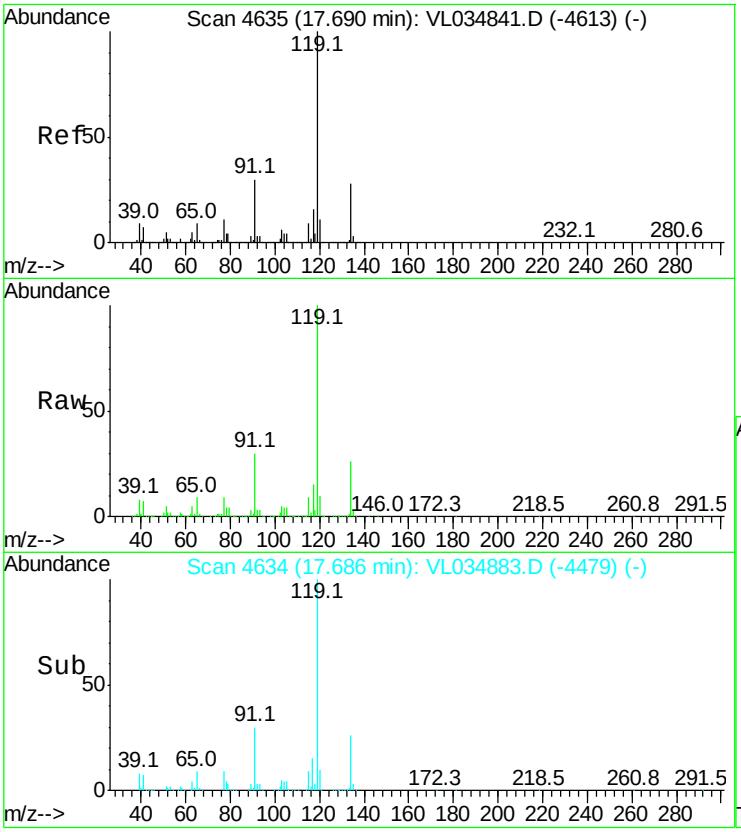


#68
1-Bromo-4-Fluorobenzene
Concen: 10.454 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 95 Resp: 1681655

Ion	Ratio	Lower	Upper
95	100		
174	66.3	55.2	82.8
175	4.8	4.3	6.5



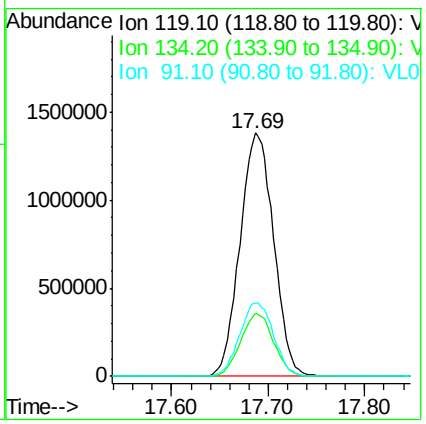


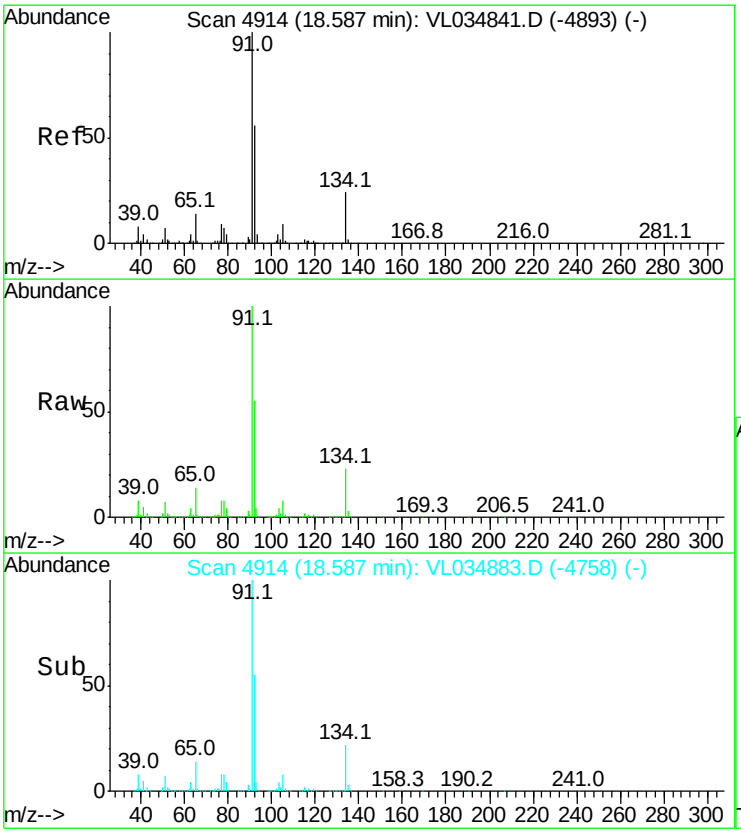
#69
p-Isopropyltoluene
Concen: 9.477 ppbv
RT: 17.69 min Scan# 4634
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3327897

Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.6	30.8
91	30.5	23.4	35.2

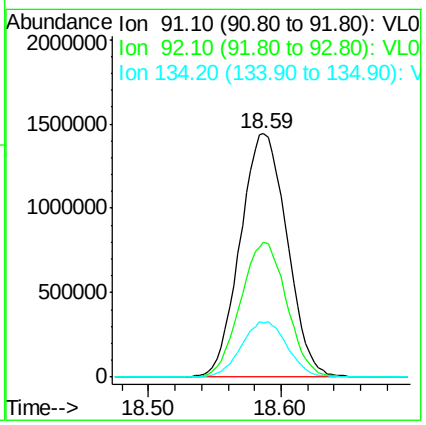


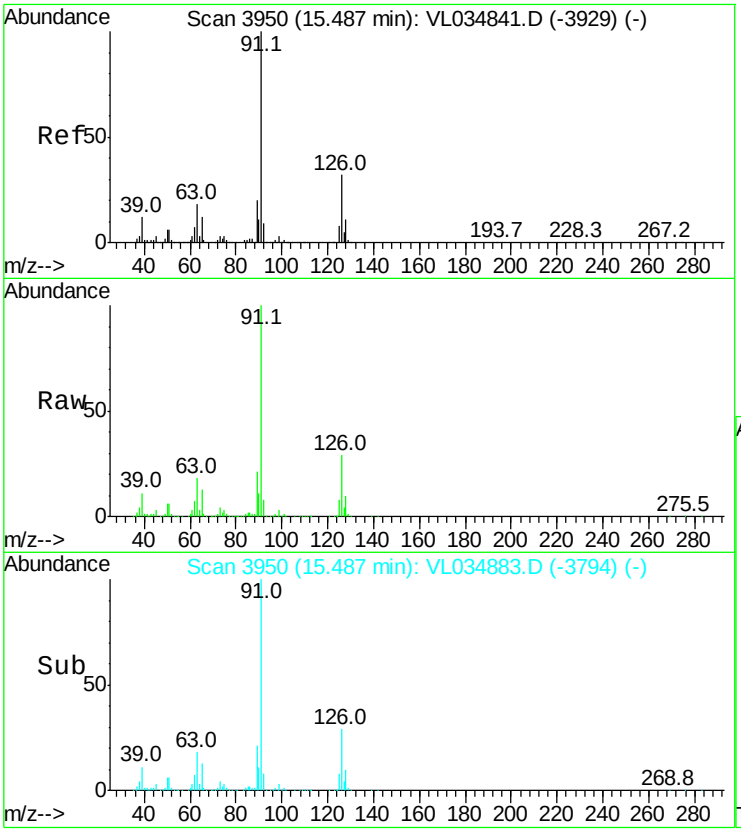


#70
n-Butylbenzene
Concen: 9.861 ppbv
RT: 18.59 min Scan# 4914
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion: 91 Resp: 3532972

Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	22.3	19.0	28.4



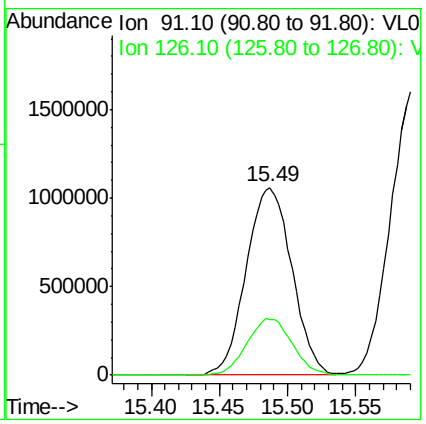


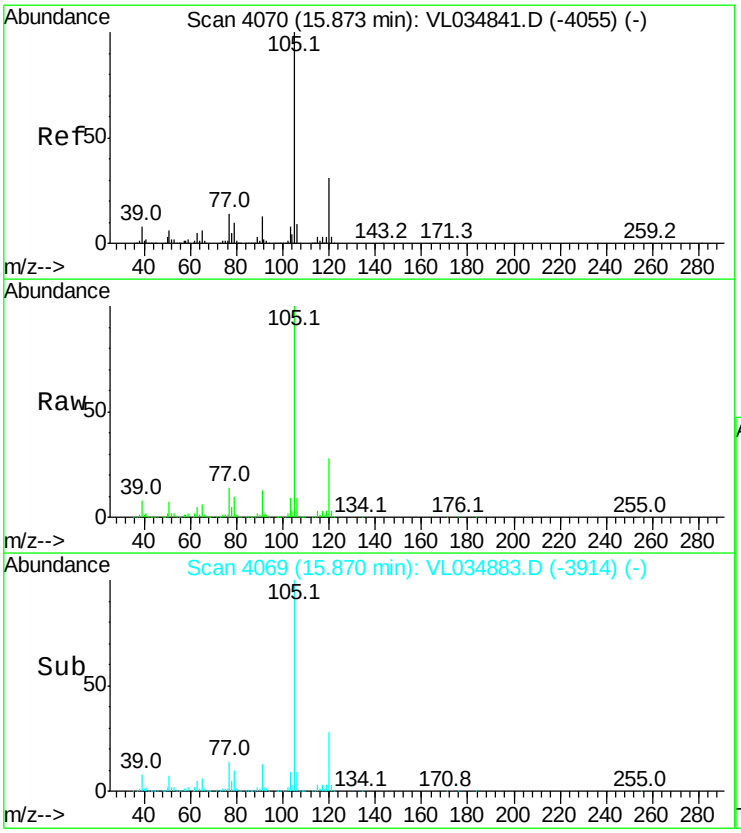
#71
2-Chlorotoluene
Concen: 9.417 ppbv
RT: 15.49 min Scan# 3950
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion: 91 Resp: 2463796

Ion	Ratio	Lower	Upper
91	100		
126	29.9	12.3	49.1

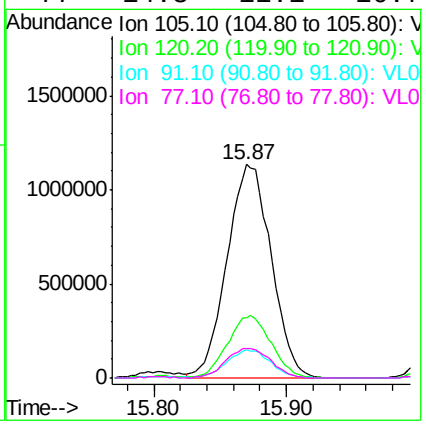


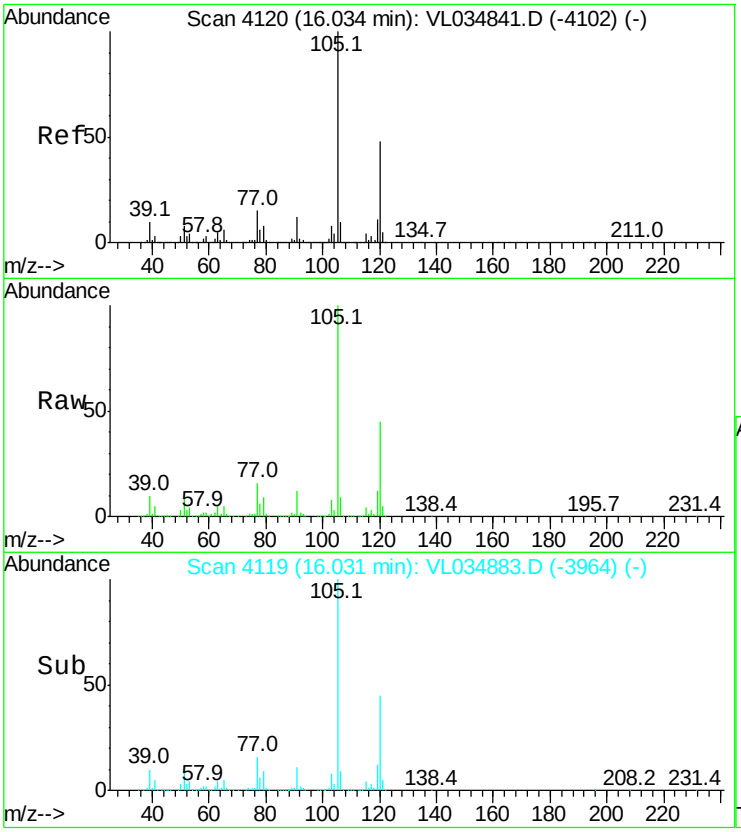


#72
4-Ethyltoluene
Concen: 9.716 ppbv
RT: 15.87 min Scan# 4069
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:105 Resp: 2621817

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.7	35.5
91	12.9	10.5	15.7
77	14.3	11.1	16.7



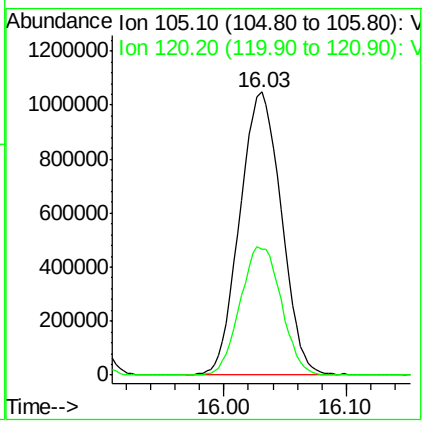


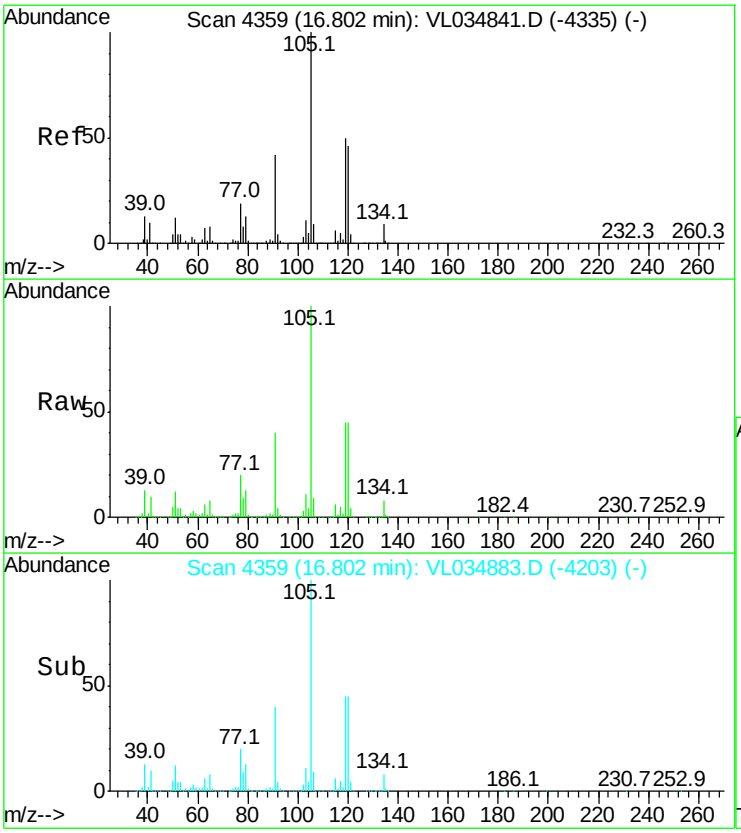
#73
1,3,5-Trimethylbenzene
Concen: 9.747 ppbv
RT: 16.03 min Scan# 4119
Delta R.T. -0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:105 Resp: 2462051

Ion	Ratio	Lower	Upper
105	100		
120	44.7	38.6	58.0

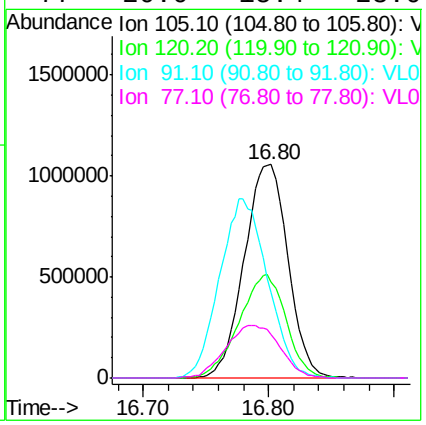


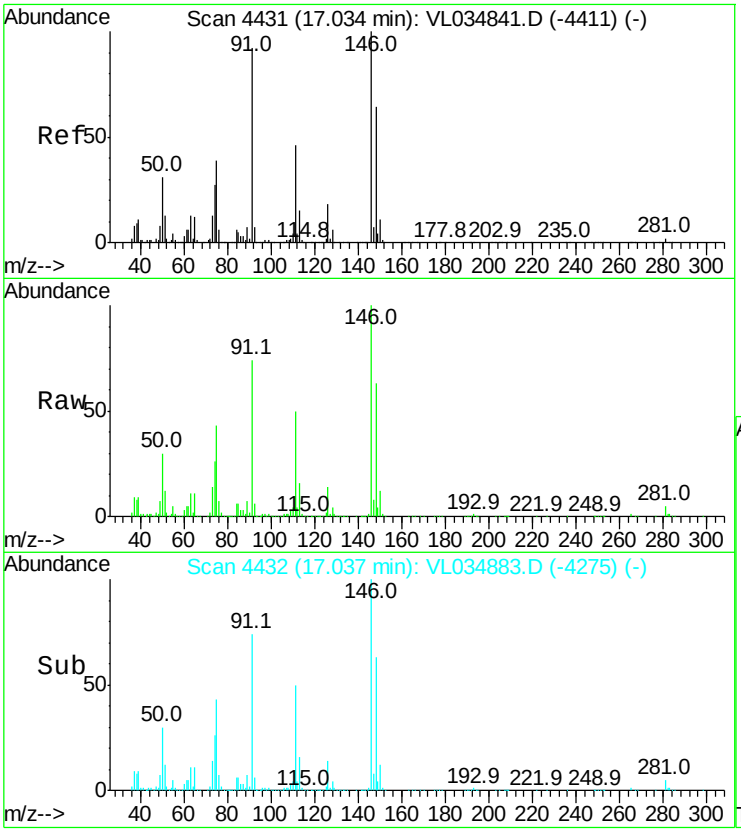


#74
1,2,4-Trimethylbenzene
Concen: 9.852 ppbv
RT: 16.80 min Scan# 4359
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:105 Resp: 2563912

Ion	Ratio	Lower	Upper
105	100		
120	44.4	37.0	55.4
91	39.7	33.8	50.6
77	20.0	15.4	23.0



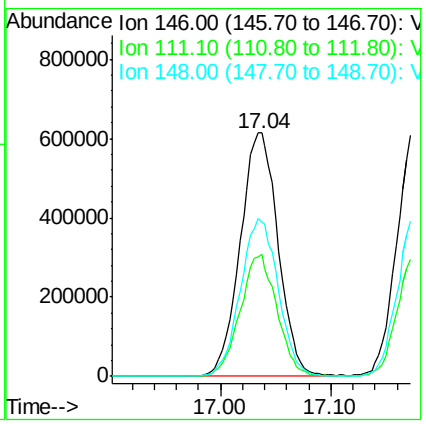


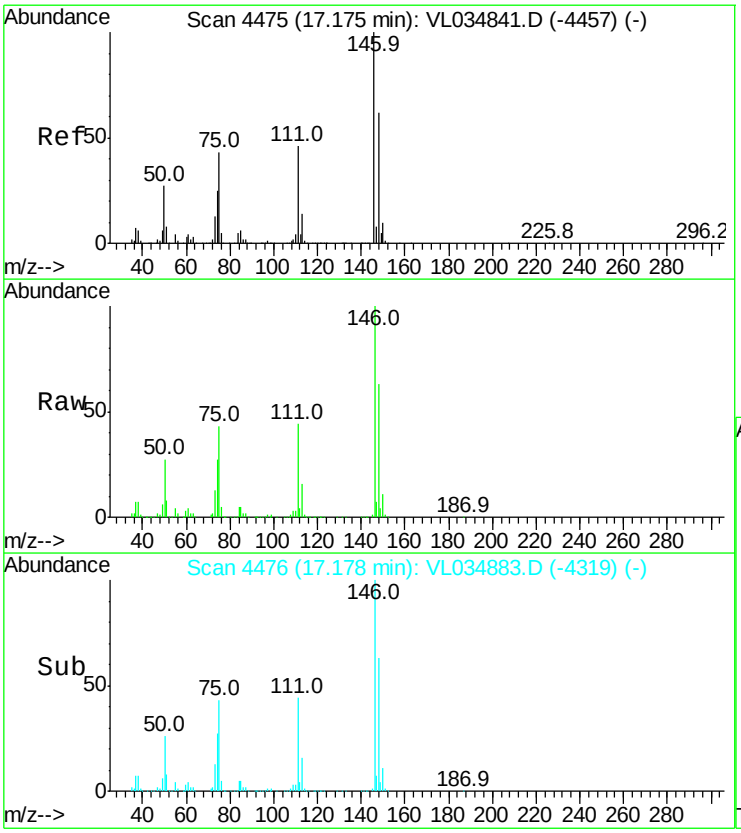
#75
1,3-Dichlorobenzene
Concen: 9.295 ppbv
RT: 17.04 min Scan# 4432
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1458500

Ion	Ratio	Lower	Upper
146	100		
111	48.7	23.9	71.7
148	64.9	32.5	97.5

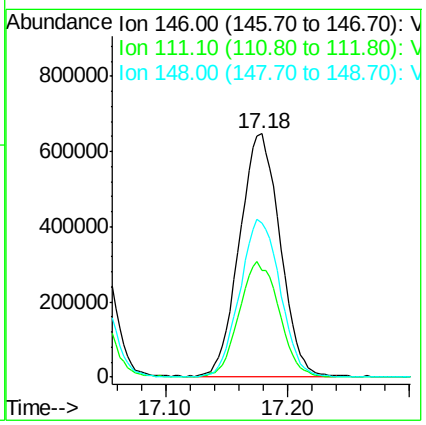


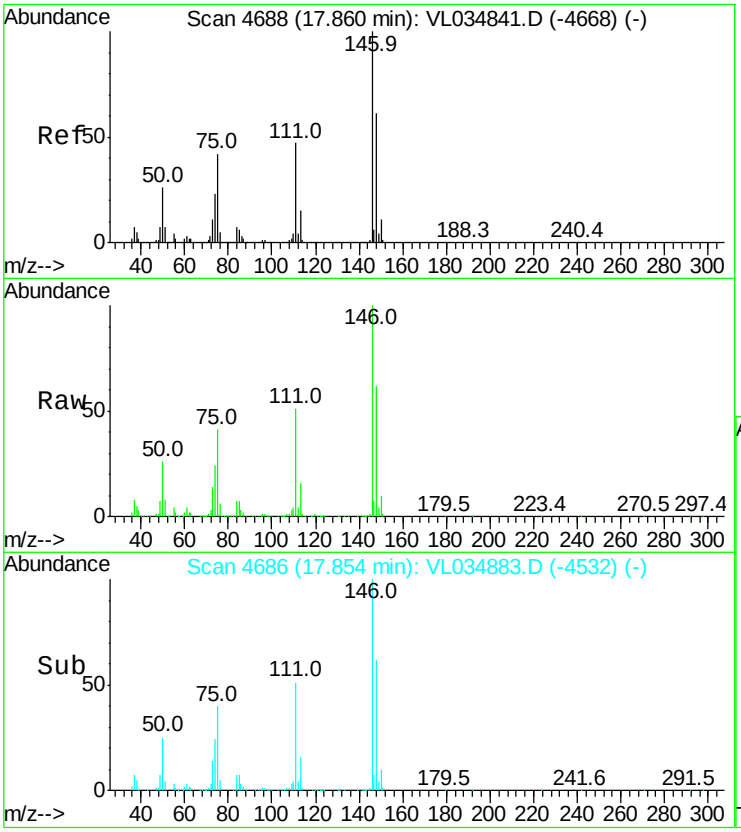


#76
1,4-Dichlorobenzene
Concen: 9.461 ppbv
RT: 17.18 min Scan# 4476
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:146 Resp: 1481486

Ion	Ratio	Lower	Upper
146	100		
111	47.2	23.4	70.2
148	65.1	32.3	96.9



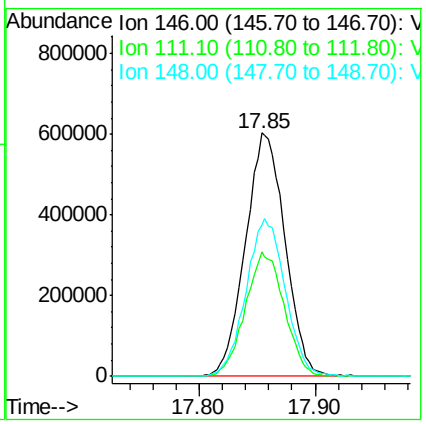


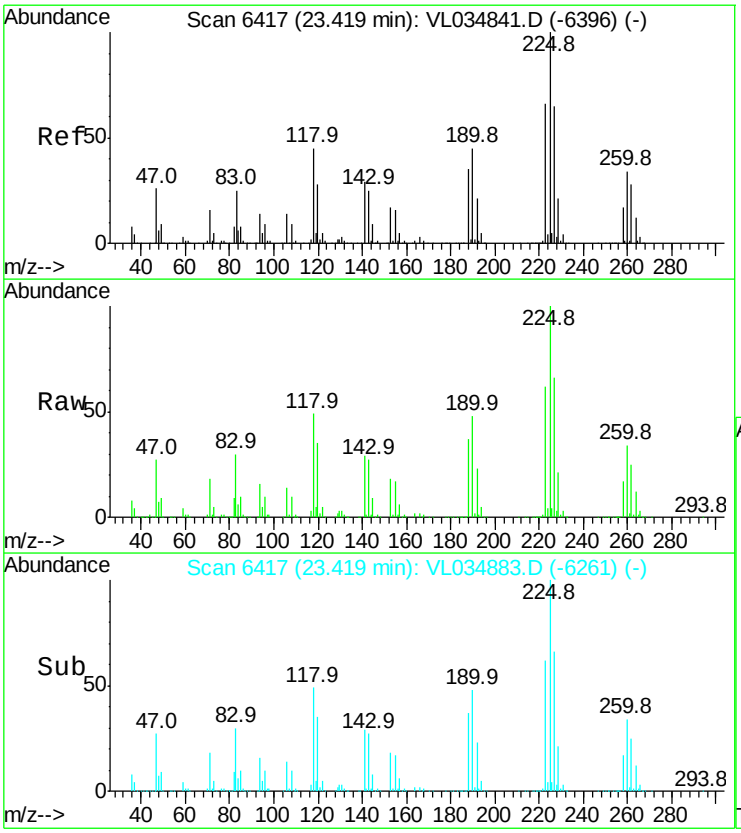
#77
1,2-Dichlorobenzene
Concen: 9.428 ppbv
RT: 17.85 min Scan# 4686
Delta R.T. -0.01 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:146 Resp: 1434003

Ion	Ratio	Lower	Upper
146	100		
111	50.3	23.8	71.4
148	64.2	31.6	94.8

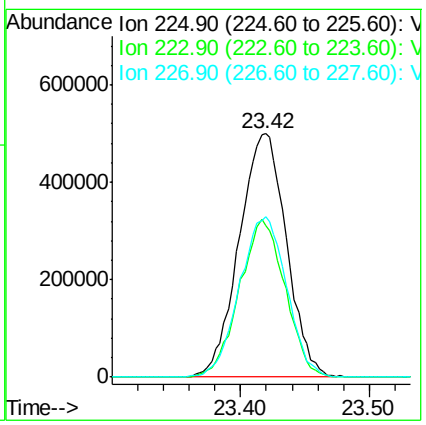


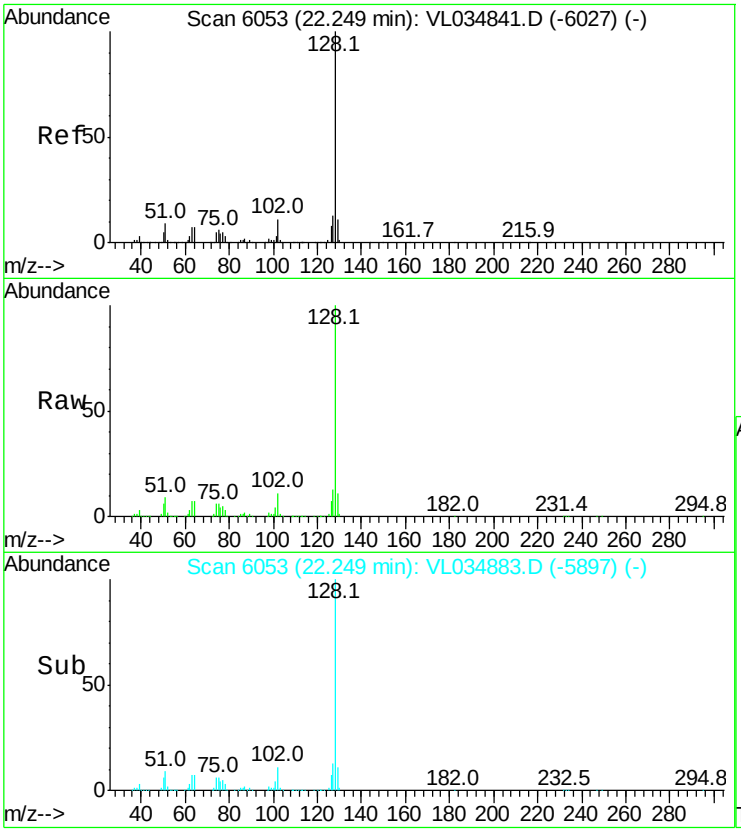


#78
Hexachloro-1,3-Butadiene
Concen: 10.036 ppbv
RT: 23.42 min Scan# 6417
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:225 Resp: 1274997

Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.1	76.7
227	65.6	51.8	77.6



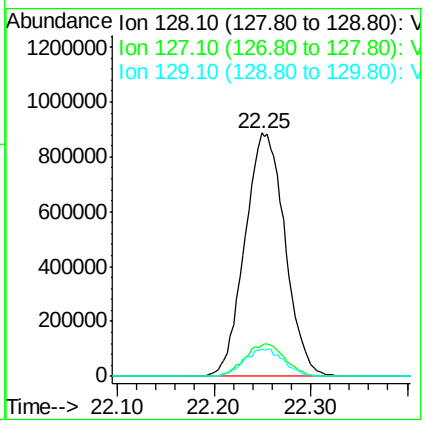


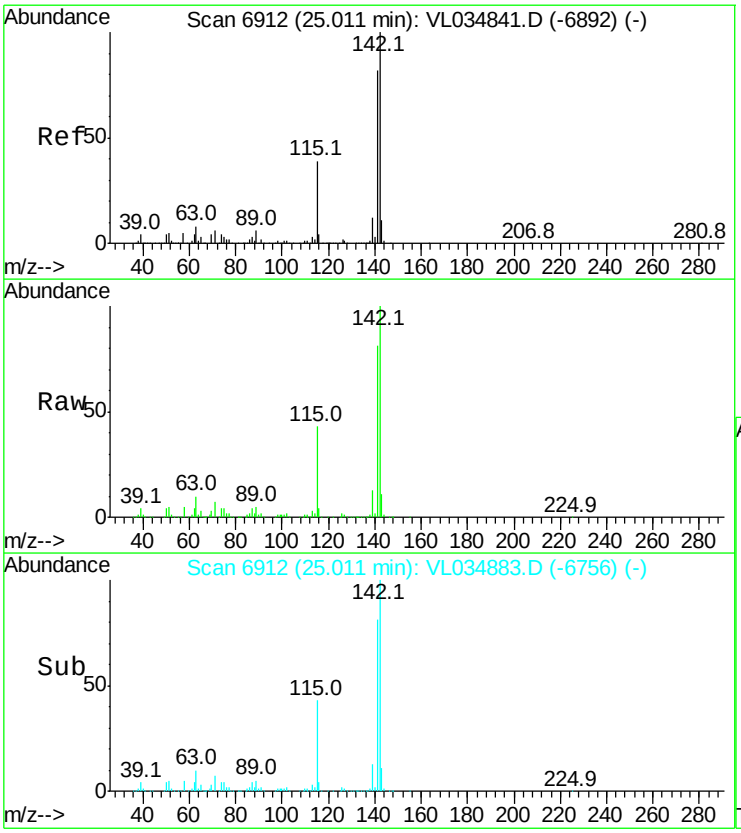
#79
Naphthalene
Concen: 12.555 ppbv
RT: 22.25 min Scan# 6053
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:128 Resp: 2548029

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.6	13.0

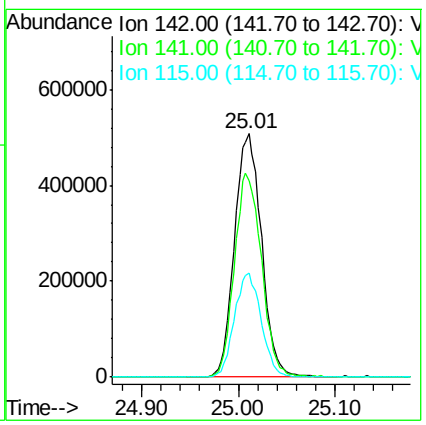


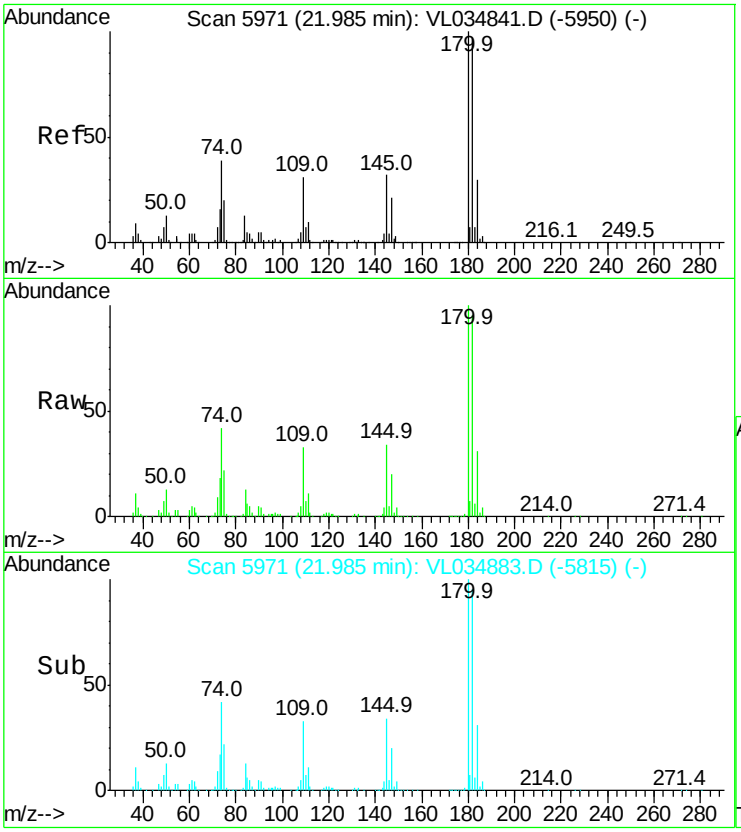


#80
Naphthalene,2-methyl-
Concen: 18.598 ppbv
RT: 25.01 min Scan# 6912
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Tgt Ion:142 Resp: 986379

Ion	Ratio	Lower	Upper
142	100		
141	83.9	68.9	103.3
115	42.1	33.2	49.8





#81
1,2,4-Trichlorobenzene
Concen: 11.320 ppbv
RT: 21.99 min Scan# 5971
Delta R.T. 0.00 min
Lab File: VL034883.D
Acq: 11 Mar 2020 9:38

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 1459613

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	115.0
184	31.2	25.0	37.4