Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030620\

Quantitation Report (Not Reviewed)

Data File : VL034819.D
Acq On : 6 Mar 2020 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 06 17:49:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	879506	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.20	114	2038779	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.13	117	2531315	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.46	95	1597551	7.57	ppbv	-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 75.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	925697	6.450	ppbv	100
3) Chlorodifluoromethane	2.95	51	849649	8.479	ppbv	97
4) Chloromethane	3.11	50	507960	9.412	ppbv	99
5) Vinyl Chloride	3.23	62	468909	8.224	ppbv	100
6) Bromomethane	3.45	94	269734	8.668	ppbv	98
7) Chloroethane	3.53	64	171363	8.692	ppbv	98
8) Dichlorotetrafluoroethane	3.16	85	1025795	8.227	ppbv	91
9) Propene	2.98	41	432624	10.969	ppbv	99
10) Heptane	8.14	43	1092580	10.900	ppbv	95
11) Trichlorofluoromethane	3.93	101	1050213	8.177	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.47	101	751140	8.476	ppbv	91
13) Ethanol	3.58	45	114484	8.472	ppbv	100
14) Bromoethene	3.72	108	337871	9.292	ppbv	97
15) Acetone	3.83	43	937301	8.900	ppbv	99
16) 1,3-Butadiene	3.30	39	455841	9.566	ppbv	99
17) tert-Butyl alcohol	4.28	59	1056605	12.723	ppbv	99
18) 1,1-Dichloroethene	4.28	96	350108	8.958	ppbv	95
19) Isopropyl Alcohol	3.95	45	683658	10.834	ppbv #	1
20) Methylene Chloride	4.33	84	302313	8.043	ppbv	99
21) Allyl Chloride	4.40	41	653325	9.796	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	353099	9.255	ppbv	98
23) Vinyl Acetate	5.07	43	1580457	11.191	ppbv	99
24) 1,1-Dichloroethane	5.01	63	962784	8.783	ppbv	99
25) Ethyl Acetate	5.68	43	1778804	9.774	ppbv	100
26) Hexane	5.69	57	774193	9.737	ppbv	97
27) Carbon Disulfide	4.54	76	934741	10.064	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	1286971	10.875	ppbv	99
29) Chloroform	5.76	83	1110948	8.301	ppbv	98
30) Cyclohexane	7.15	84	670607	11.025	ppbv	98
31) cis-1,2-Dichloroethene	5.55	61	793345	9.728	ppbv	100
32) 1,1,1-Trichloroethane	6.52	97	1116998	8.446	ppbv	97
34) 2-Butanone	5.24	43	1219029	9.191	ppbv	99
35) Carbon Tetrachloride	7.03	117	1167731	7.591	ppbv	96
36) Benzene	6.91	78	1589767	9.125	ppbv	98
37) 1,2-Dichloroethane	6.32	62	867118	7.287	ppbv	97
38) Trichloroethene	7.86	130	614140	9.045	ppbv	93
39) 1,2-Dichloropropane	7.64	63	634977	9.031	ppbv	93
40) 1,4-Dioxane	7.85	88	217472	8.943	ppbv #	97
41) Tetrahydrofuran	6.05	42	708720	10.472	ppbv	94
42) Bromodichloromethane	7.82	83	1230693	8.174	ppbv	99
43) Methyl Methacrylate	8.04	69	707254	9.580	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030620\

Quantitation Report (Not Reviewed)

Data File : VL034819.D
Acq On : 6 Mar 2020 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Quant Time: Mar 06 17:49:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.89	57	2723835	8.947	ppbv		98
45) t-1,3-Dichloropropene	9.31	75	882542	11.387	ppbv		99
46) cis-1,3-Dichloropropene	8.73	75	1020720	10.786	ppbv		94
47) 1,1,2-Trichloroethane	9.51	97	628958	8.473	ppbv		95
48) Dibromochloromethane	10.34	129	1088992	9.382	ppbv		99
49) Bromoform	13.09	173	976810	9.644	ppbv		100
50) 4-Methyl-2-Pentanone	8.77	43	1756012	9.240	ppbv		99
51) 2-Hexanone	10.17	43	1469203	9.855	ppbv	#	99
52) Tetrachloroethene	11.26	164	593229	9.217	ppbv		98
53) Toluene	9.84	91	1841121	9.985	ppbv		99
54) 1,2-Dibromoethane	10.65	107	957935	8.728	ppbv		98
56) 1,1,1,2-Tetrachloroethane	12.17	131	808185	7.206	ppbv	#	61
57) Chlorobenzene	12.19	112	1336134	6.910	ppbv		98
58) Ethyl Benzene	12.75	91	2406404	7.714	ppbv		93
59) m/p-Xylene	13.04	91	1621874	6.006	ppbv	#	1
60) o-Xylene	13.74	91	1854023	6.786	ppbv		96
61) Styrene	13.57	104	1457730	8.601	ppbv		96
62) Isopropylbenzene	14.71	105	2867377	7.131	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.73	83	1248982	5.799	ppbv		99
64) n-propylbenzene	15.61	120	760205	7.540	ppbv		91
65) tert-Butylbenzene	16.79	119	2498526	7.352	ppbv		93
66) Benzyl Chloride	17.04	91	1368632	12.458	ppbv		94
67) sec-Butylbenzene	17.35	105	3497788	7.064	ppbv		99
69) p-Isopropyltoluene	17.71	119	3001422	7.490	ppbv		97
70) n-Butylbenzene	18.60	91	3039560	6.937	ppbv		98
71) 2-Chlorotoluene	15.50	91	2137143	7.037	ppbv		95
72) 4-Ethyltoluene	15.89	105	2322569	7.635	ppbv		98
73) 1,3,5-Trimethylbenzene	16.05	105	2143252	7.345	ppbv		97
74) 1,2,4-Trimethylbenzene	16.82	105	2179211	6.870	ppbv		93
75) 1,3-Dichlorobenzene	17.05	146	1318252	7.020	ppbv		98
76) 1,4-Dichlorobenzene	17.19	146	1333662	7.422	ppbv		99
77) 1,2-Dichlorobenzene	17.87	146	1303878	7.259	ppbv		97
78) Hexachloro-1,3-Butadiene	23.43	225	1158420	7.728	ppbv		99
79) Naphthalene	22.27	128	2404306	10.086	ppbv		97
80) Naphthalene,2-methyl-	25.03	142	683184	12.000	ppbv		99
81) 1,2,4-Trichlorobenzene	22.00	180	1390609	9.228	ppbv		100

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

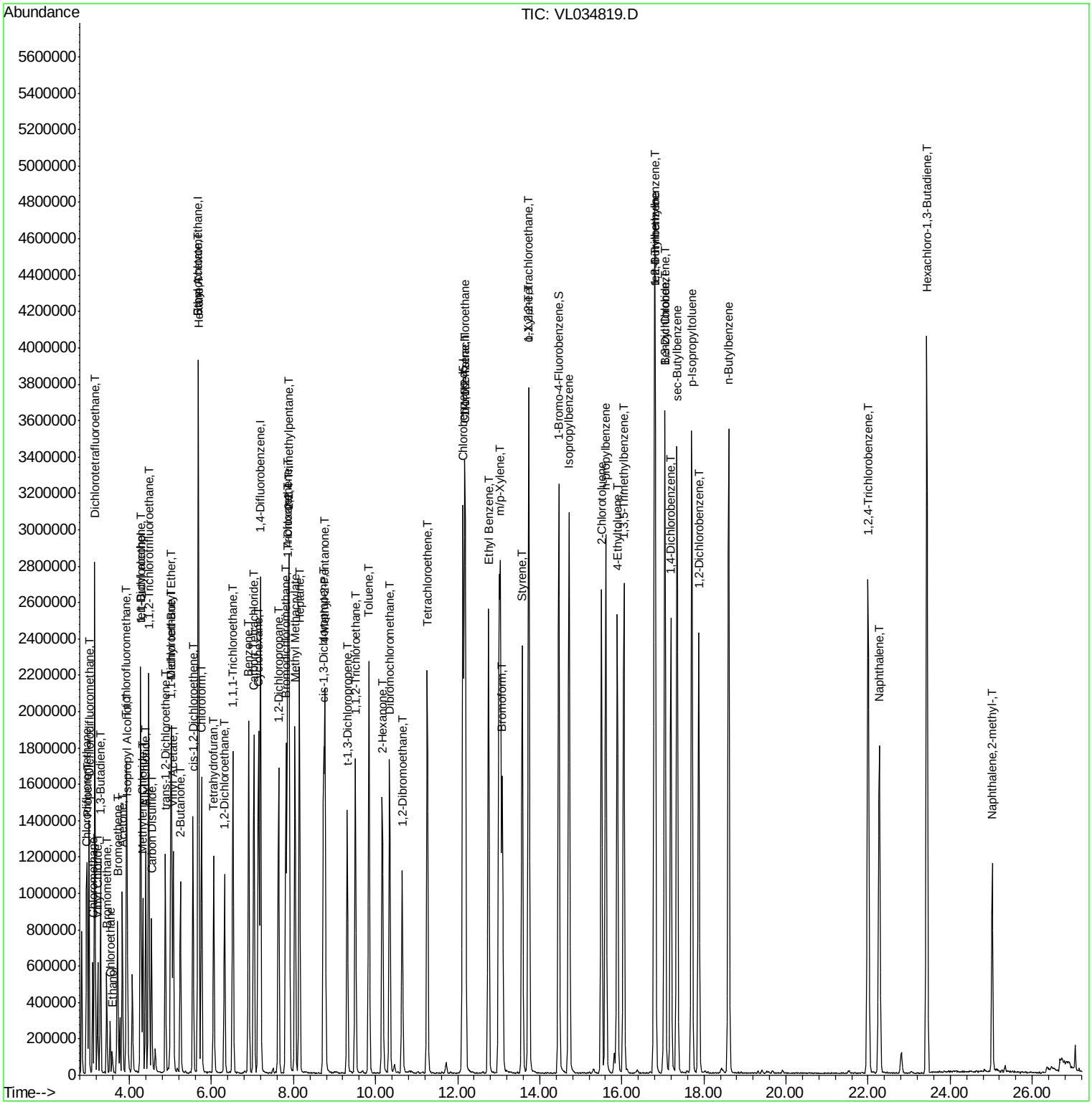
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030620\

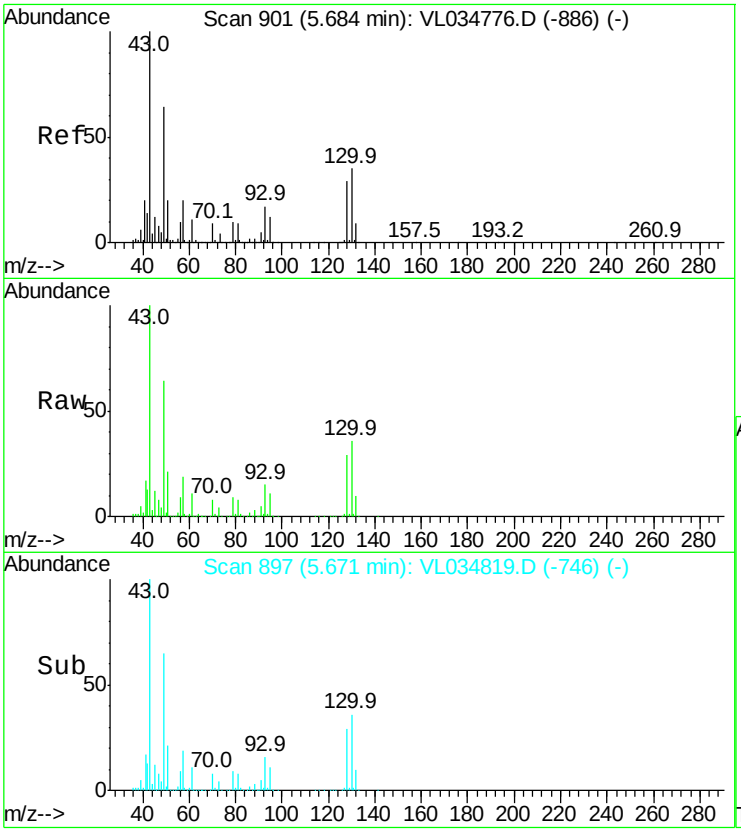
Quantitation Report (Not Reviewed)

Data File : VL034819.D
Acq On : 6 Mar 2020 15:57
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Quant Time: Mar 06 17:49:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



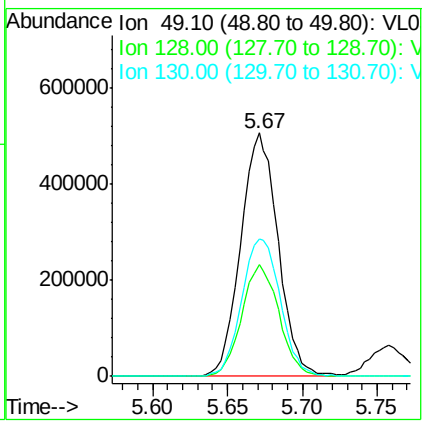


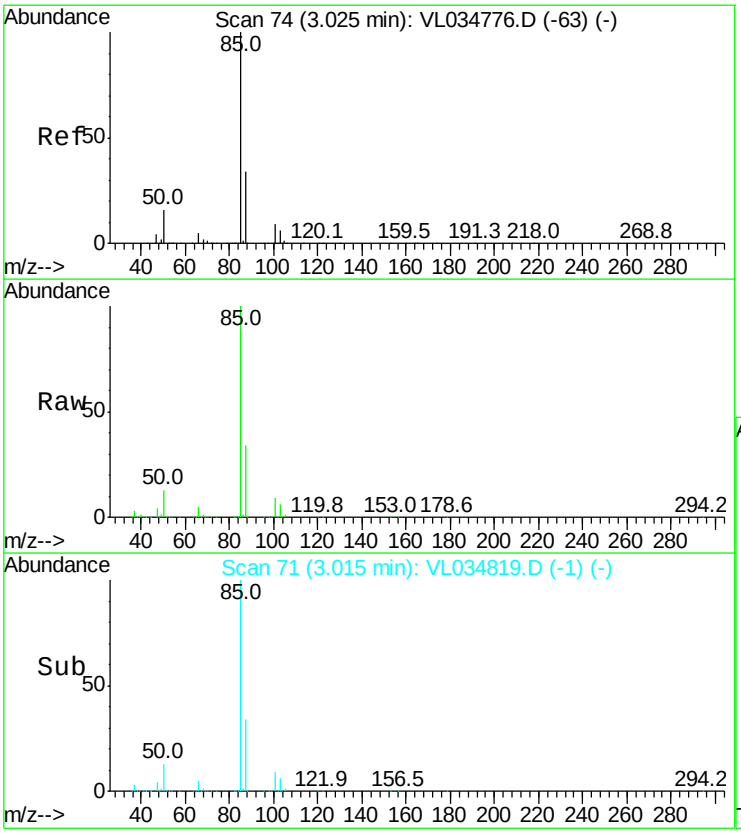
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 879506

Ion	Ratio	Lower	Upper
49	100		
128	45.7	21.6	64.6
130	59.0	27.4	82.2

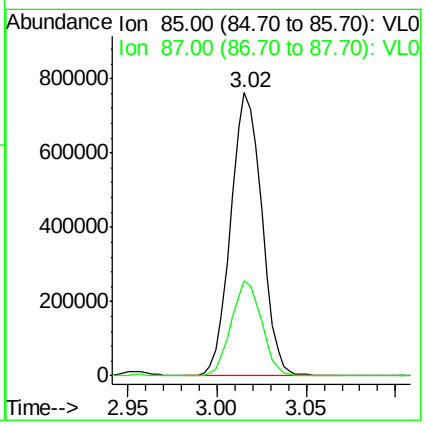


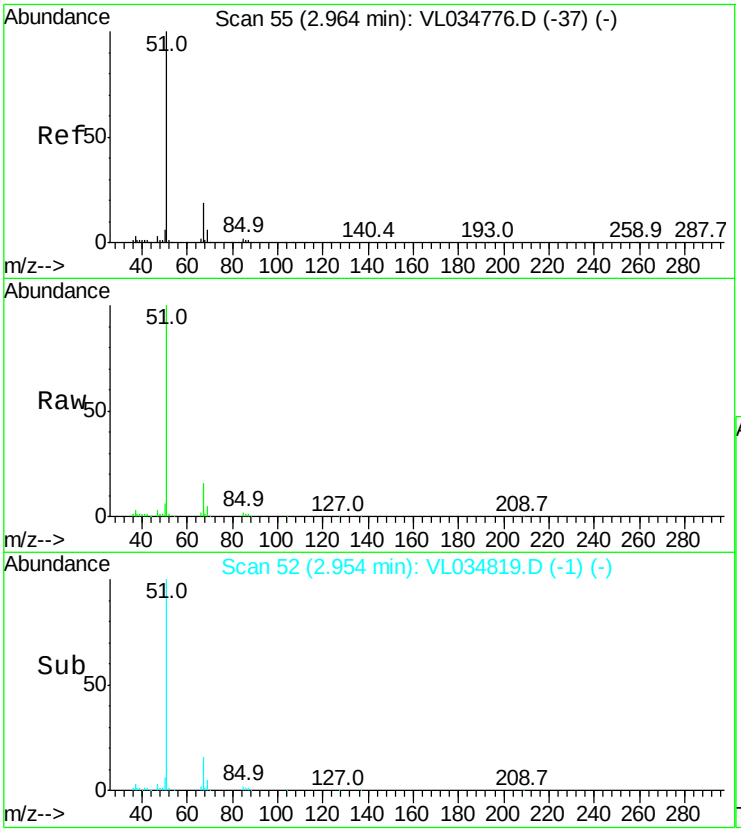


#2
Dichlorodifluoromethane
Concen: 6.450 ppbv
RT: 3.02 min Scan# 71
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 85 Resp: 925697

Ion	Ratio	Lower	Upper
85	100		
87	33.8	27.2	40.8



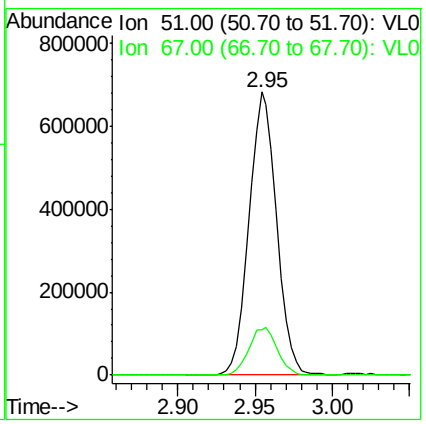


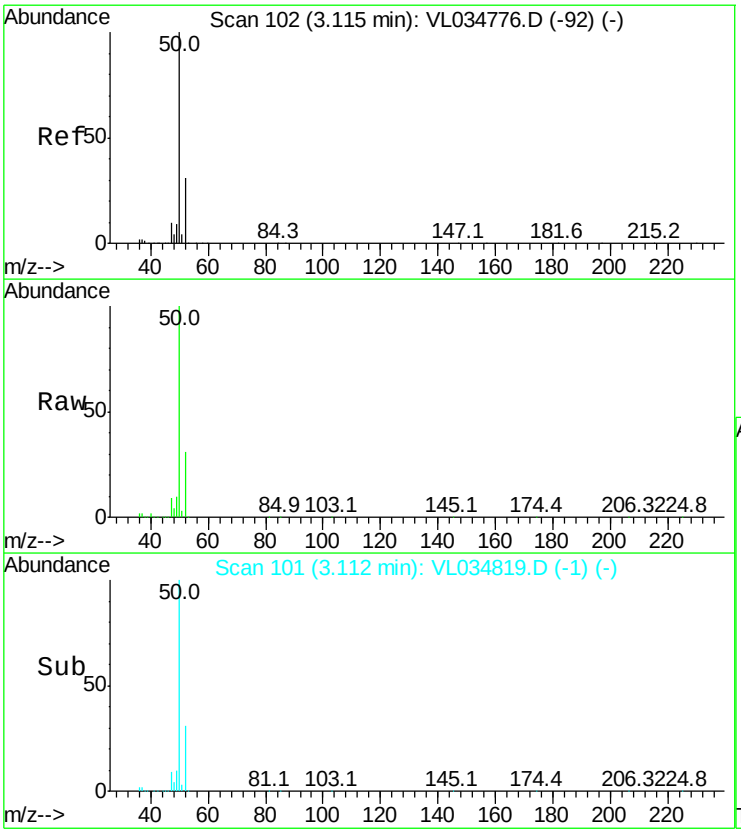
#3
Chlorodifluoromethane
Concen: 8.479 ppbv
RT: 2.95 min Scan# 52
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 849649

Ion	Ratio	Lower	Upper
51	100		
67	17.5	15.3	22.9

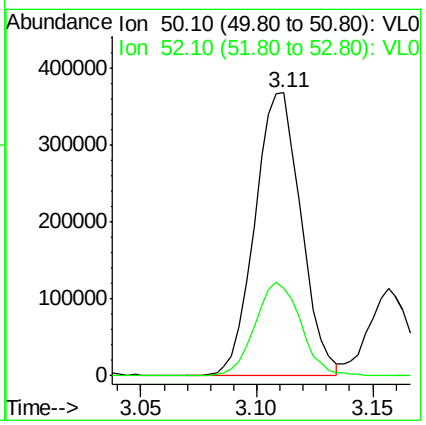


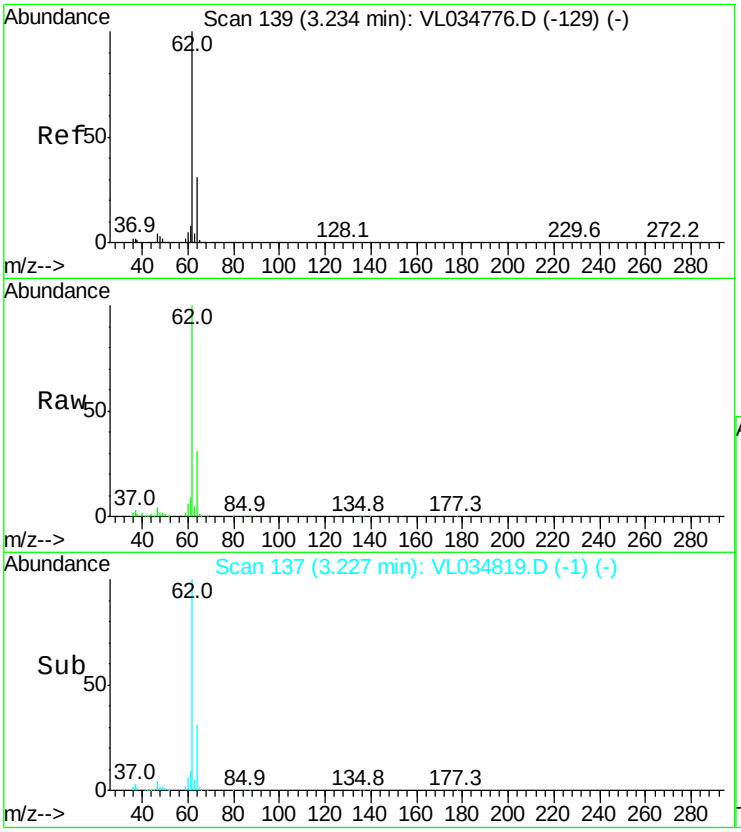


#4
Chloromethane
Concen: 9.412 ppbv
RT: 3.11 min Scan# 101
Delta R.T. -0.00 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 50 Resp: 507960

Ion	Ratio	Lower	Upper
50	100		
52	30.9	25.0	37.4



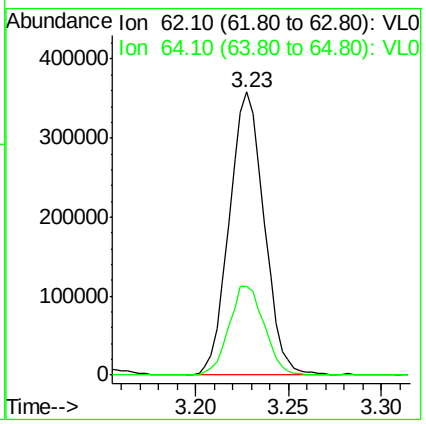


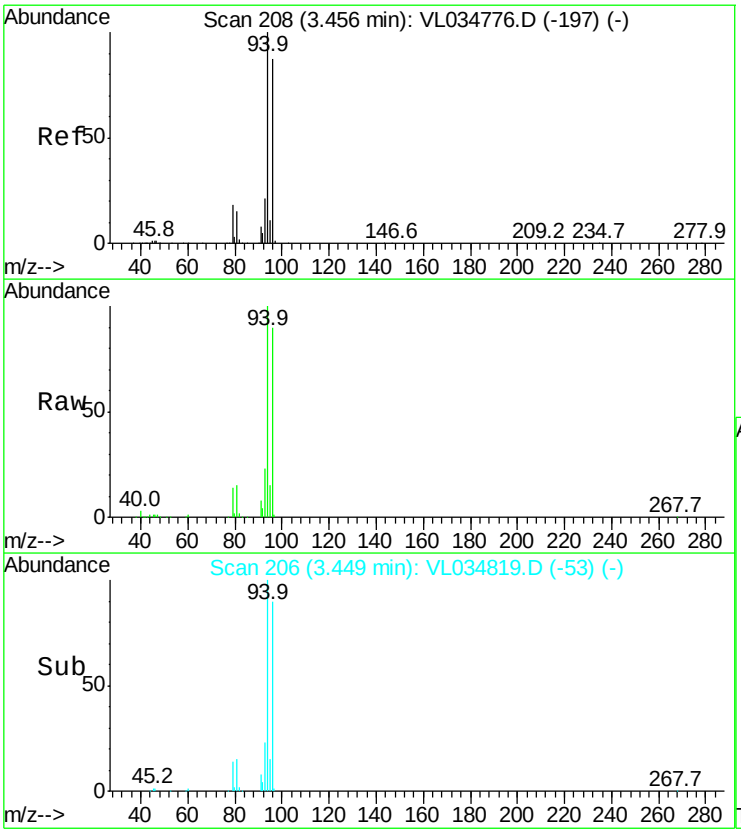
#5
Vinyl Chloride
Concen: 8.224 ppbv
RT: 3.23 min Scan# 137
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 468909

Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.1	37.7

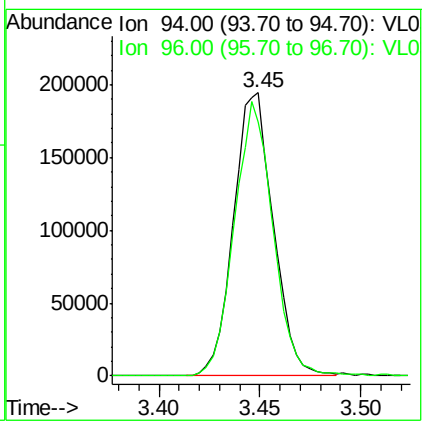


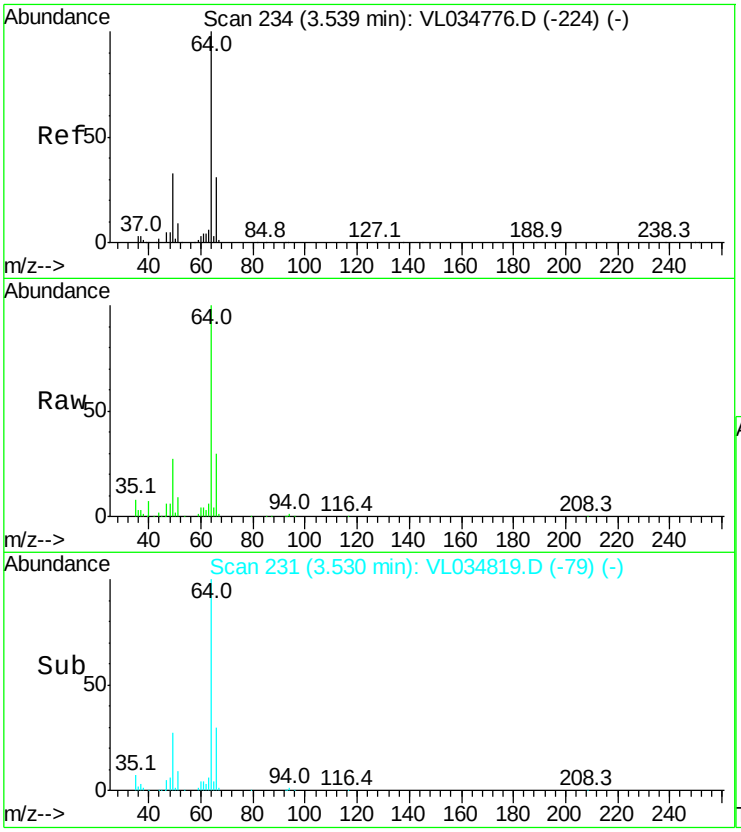


#6
Bromomethane
Concen: 8.668 ppbv
RT: 3.45 min Scan# 206
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 94 Resp: 269734

Ion	Ratio	Lower	Upper
94	100		
96	89.8	70.0	105.0



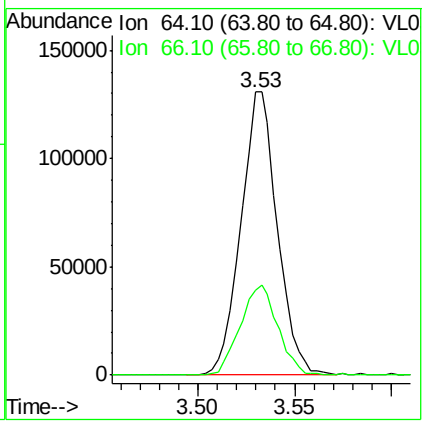


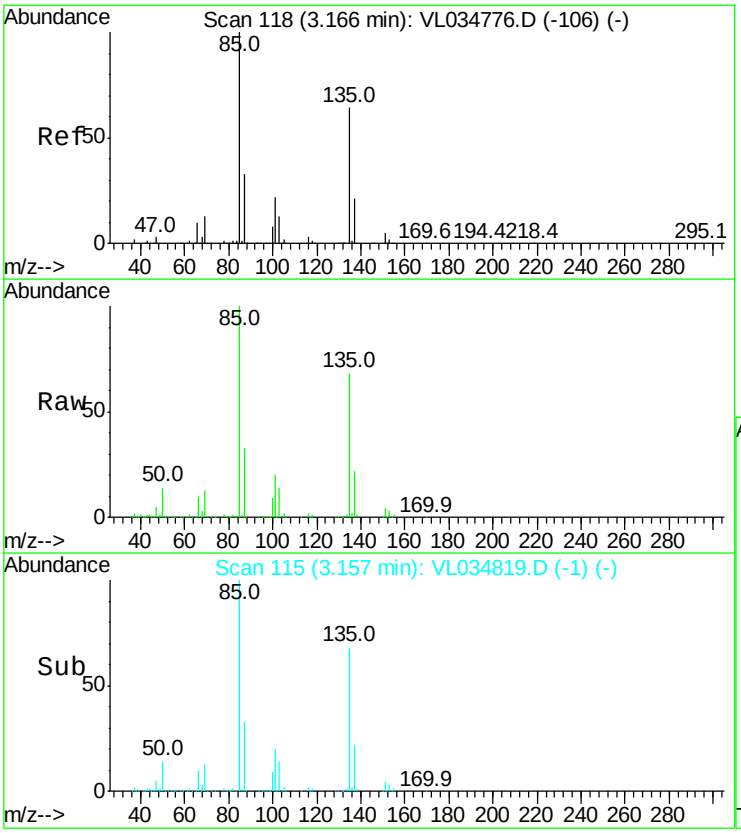
#7
Chloroethane
Concen: 8.692 ppbv
RT: 3.53 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 171363

Ion	Ratio	Lower	Upper
64	100		
66	30.0	24.8	37.2

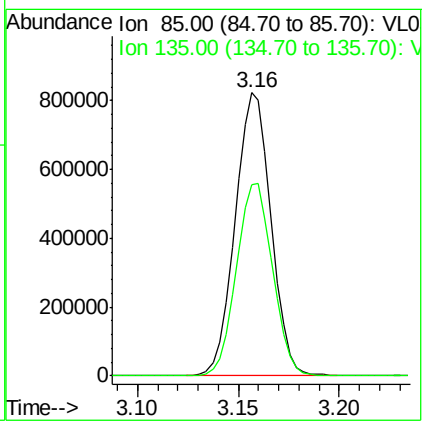


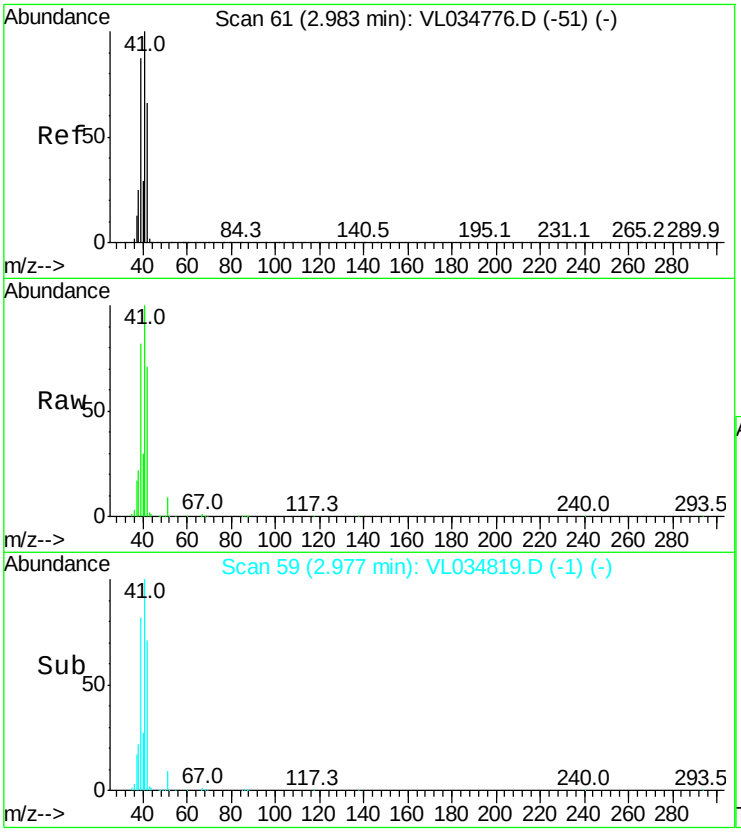


#8
Dichlorotetrafluoroethane
Concen: 8.227 ppbv
RT: 3.16 min Scan# 115
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 85 Resp: 1025795

Ion	Ratio	Lower	Upper
85	100		
135	69.0	49.4	74.2



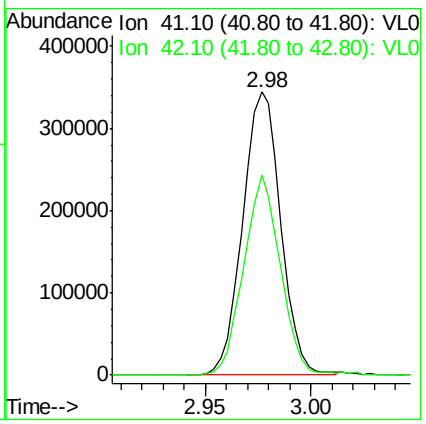


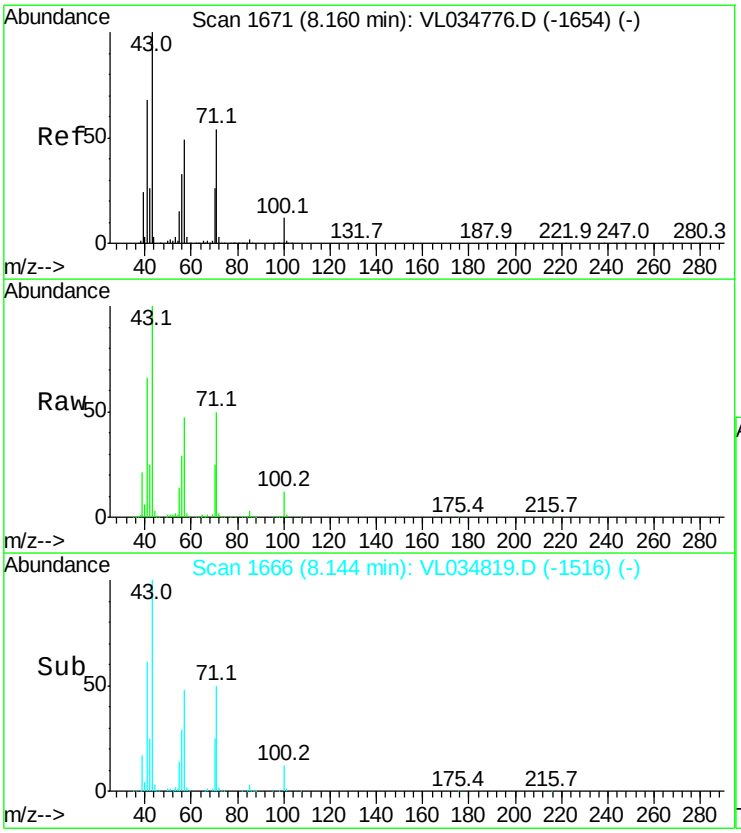
#9
Propene
Concen: 10.969 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 432624

Ion	Ratio	Lower	Upper
41	100		
42	68.5	55.6	83.4

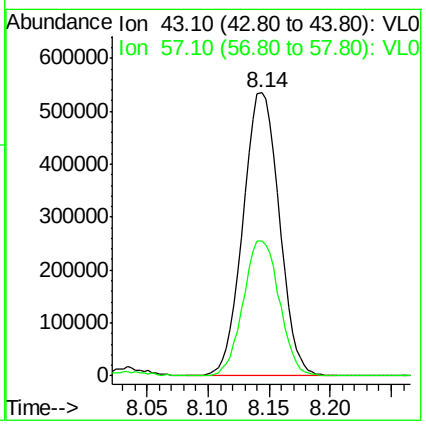


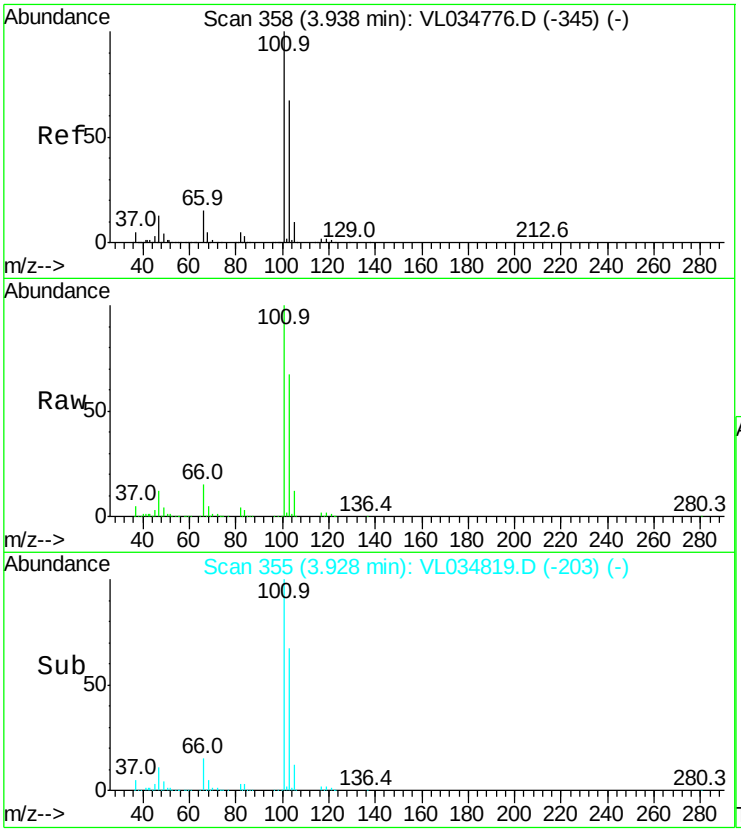


#10
Heptane
Concen: 10.900 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 43 Resp: 1092580

Ion	Ratio	Lower	Upper
43	100		
57	47.4	40.5	60.7



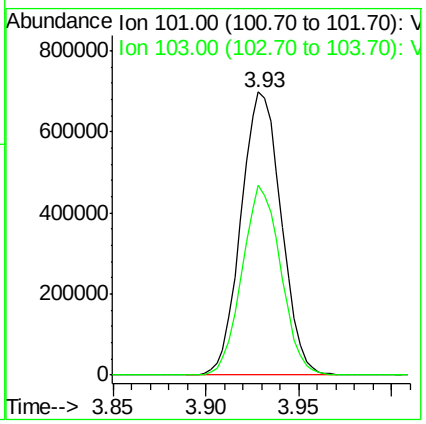


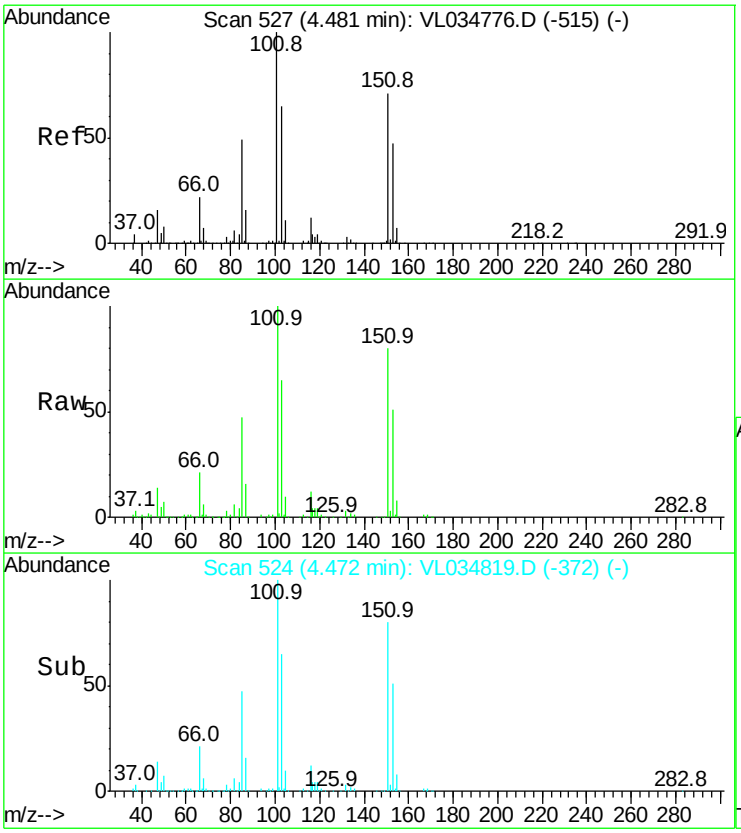
#11
Trichlorofluoromethane
Concen: 8.177 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 1050213

Ion	Ratio	Lower	Upper
101	100		
103	67.0	53.6	80.4

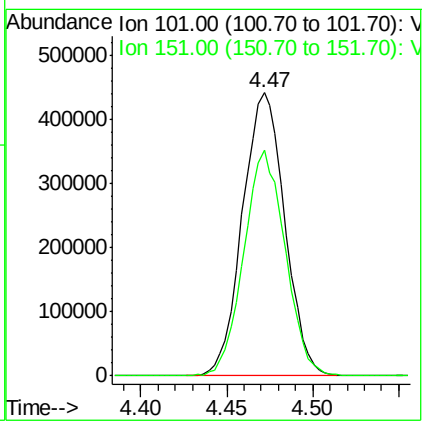


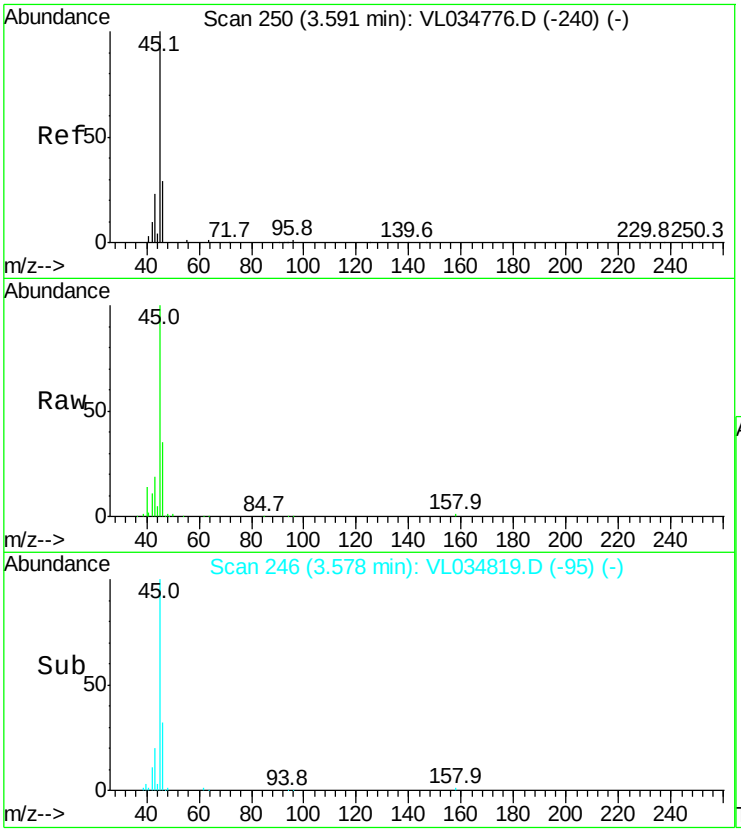


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.476 ppbv
RT: 4.47 min Scan# 524
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:101 Resp: 751140

Ion	Ratio	Lower	Upper
101	100		
151	78.2	56.6	85.0



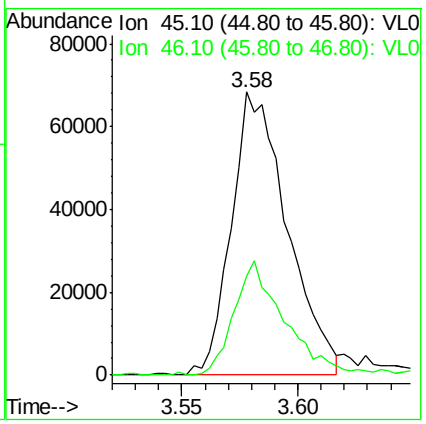


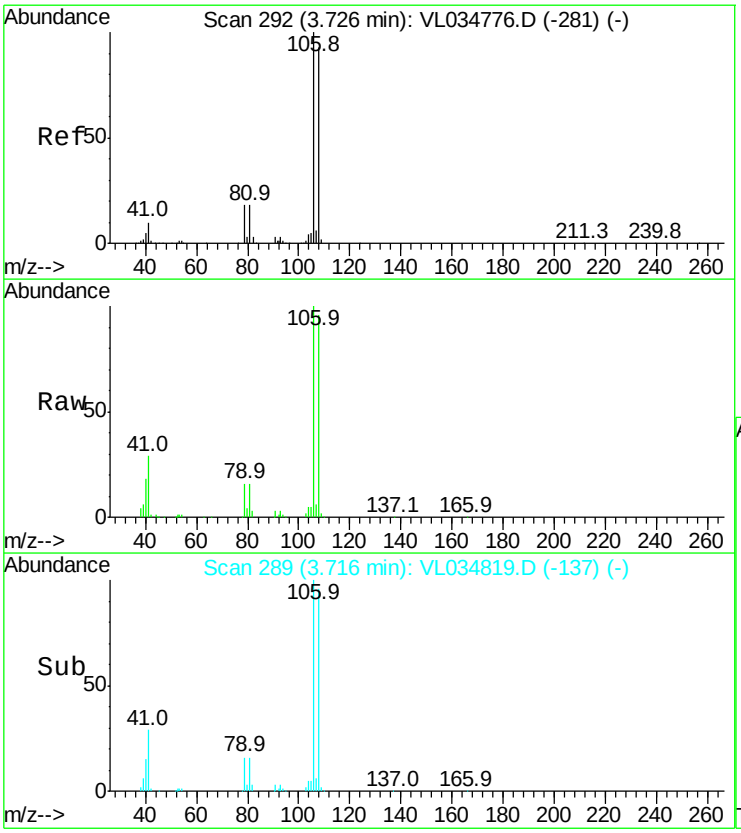
#13
Ethanol
Concen: 8.472 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 114484

Ion	Ratio	Lower	Upper
45	100		
46	37.0	14.7	58.9

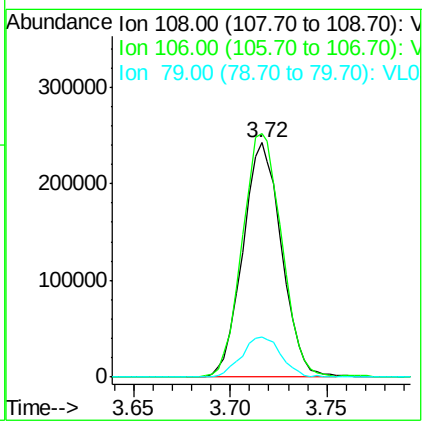


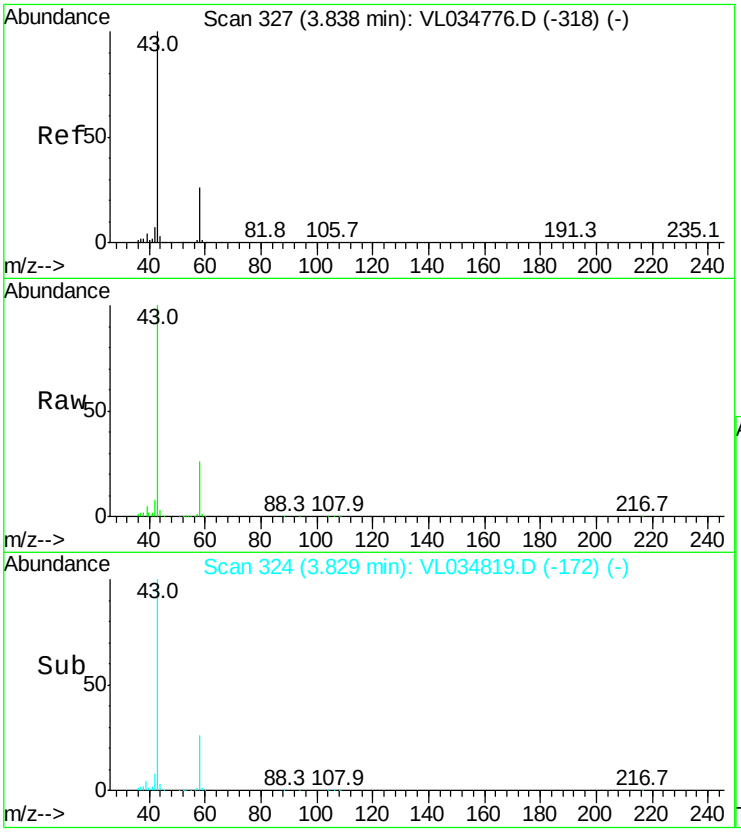


#14
Bromoethene
Concen: 9.292 ppbv
RT: 3.72 min Scan# 289
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:108 Resp: 337871

Ion	Ratio	Lower	Upper
108	100		
106	106.8	83.5	125.3
79	17.8	15.6	23.4



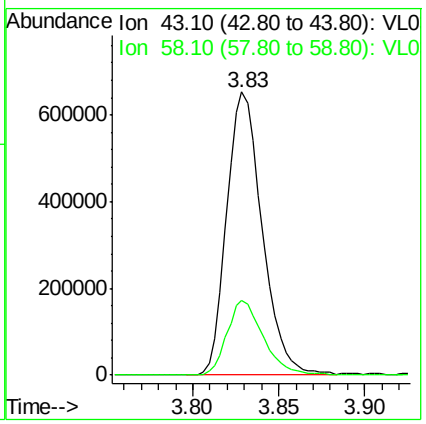


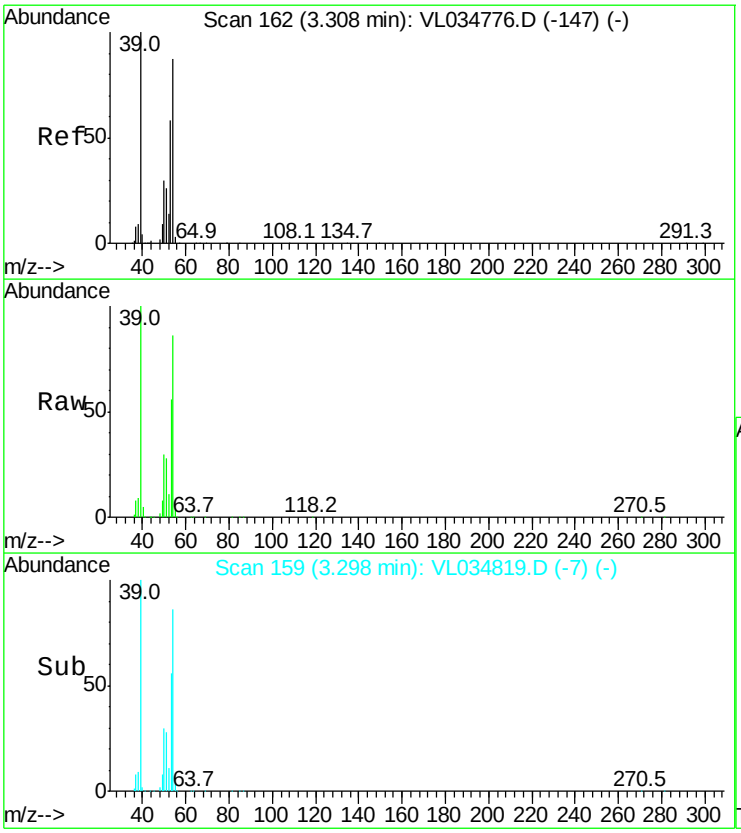
#15
Acetone
Concen: 8.900 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 937301

Ion	Ratio	Lower	Upper
43	100		
58	27.0	21.0	31.6

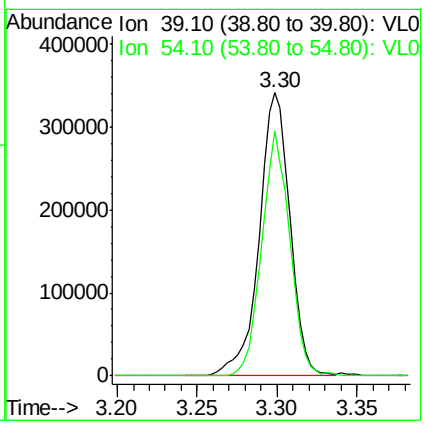


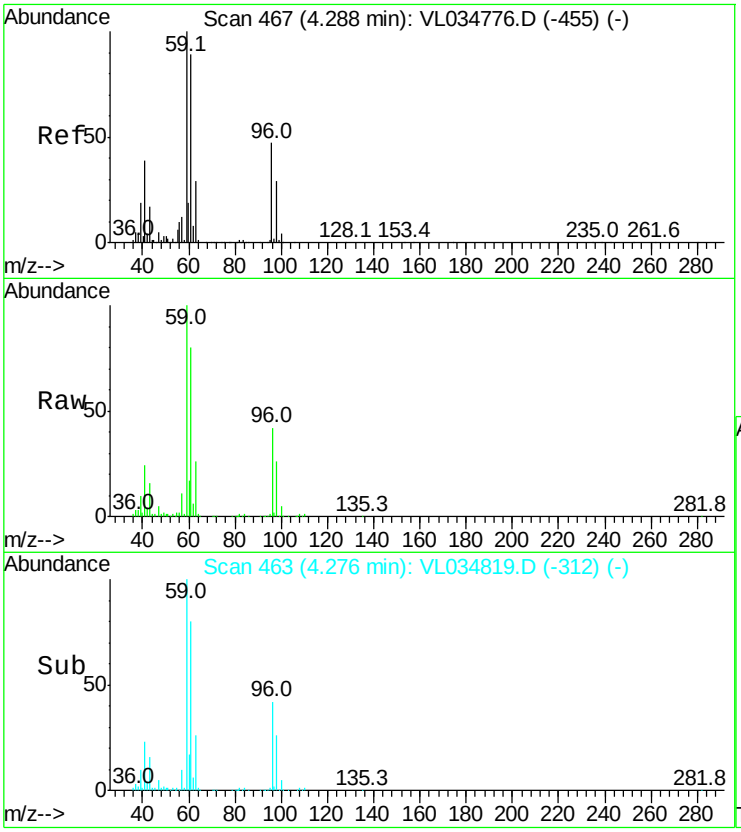


#16
1,3-Butadiene
Concen: 9.566 ppbv
RT: 3.30 min Scan# 159
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 39 Resp: 455841

Ion	Ratio	Lower	Upper
39	100		
54	79.1	64.2	96.2



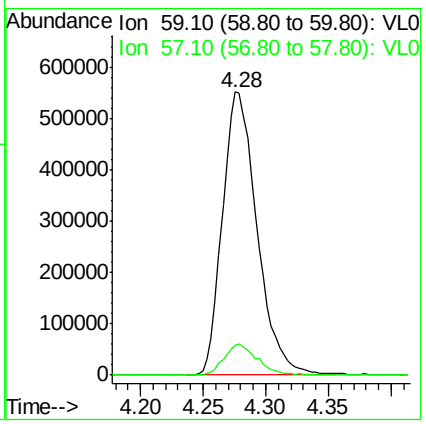


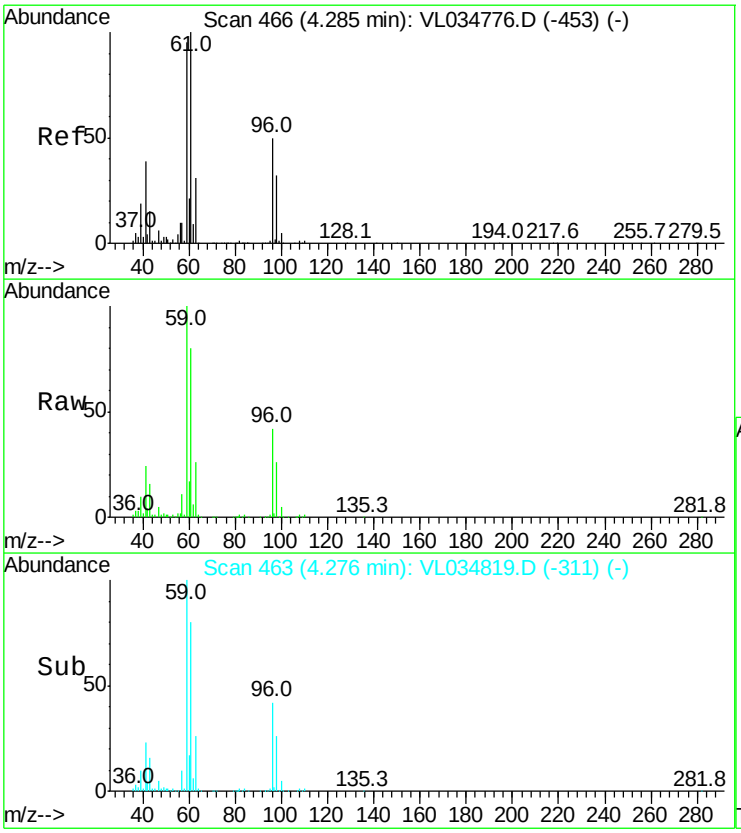
#17
tert-Butyl alcohol
Concen: 12.723 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1056605

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.6	13.0

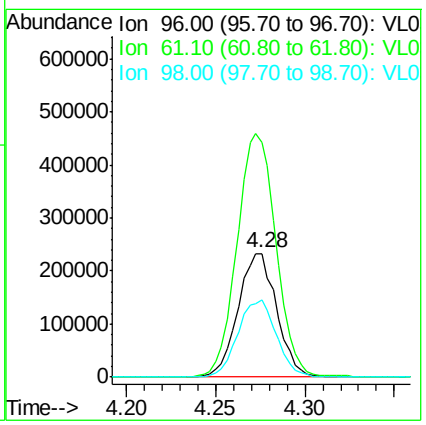


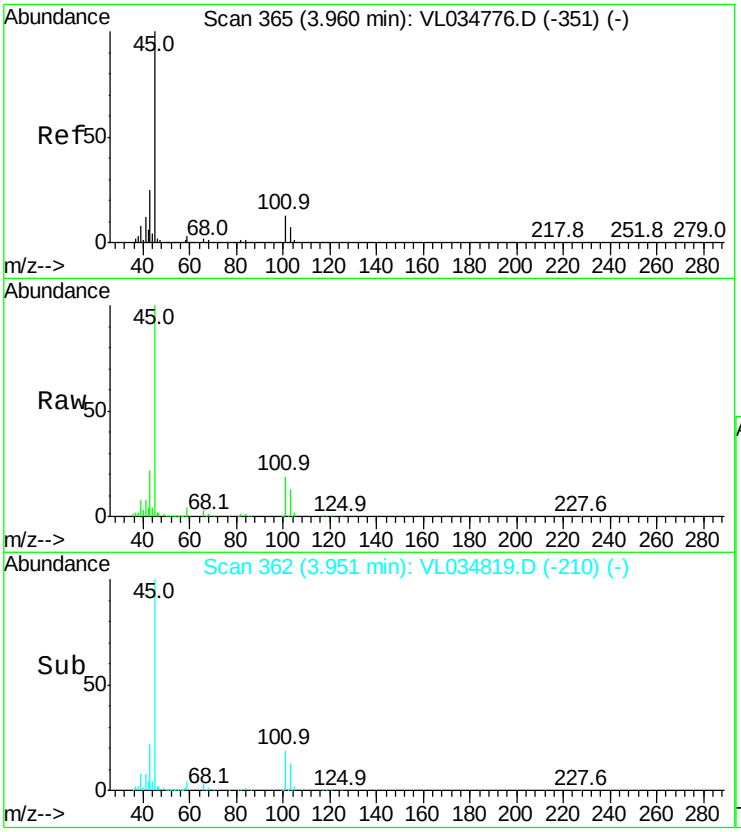


#18
1,1-Dichloroethene
Concen: 8.958 ppbv
RT: 4.28 min Scan# 463
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 96 Resp: 350108

Ion	Ratio	Lower	Upper
96	100		
61	189.5	159.5	239.3
98	62.5	51.1	76.7



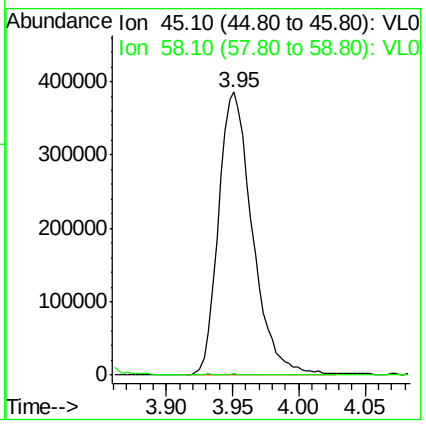


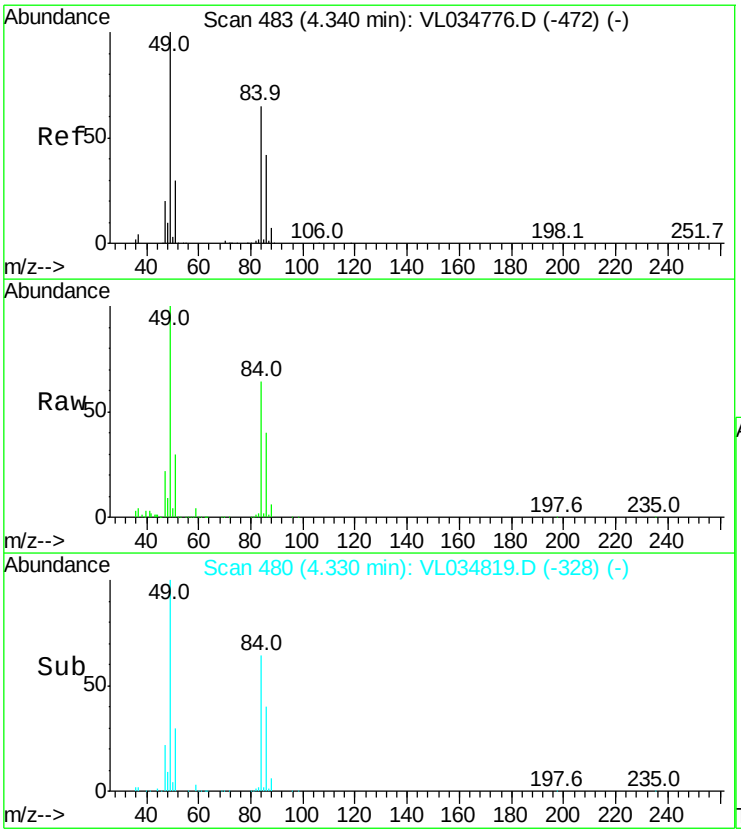
#19
Isopropyl Alcohol
Concen: 10.834 ppbv
RT: 3.95 min Scan# 362
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 683658

Ion	Ratio	Lower	Upper
45	100		
58	37.1	1.8	2.8#

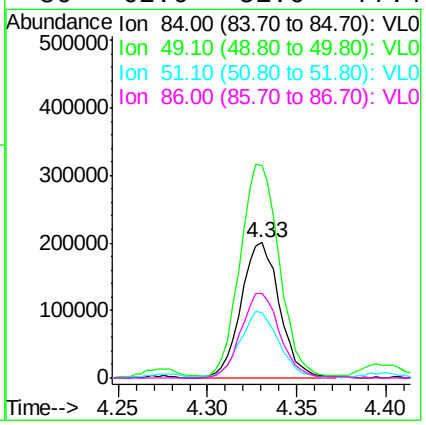


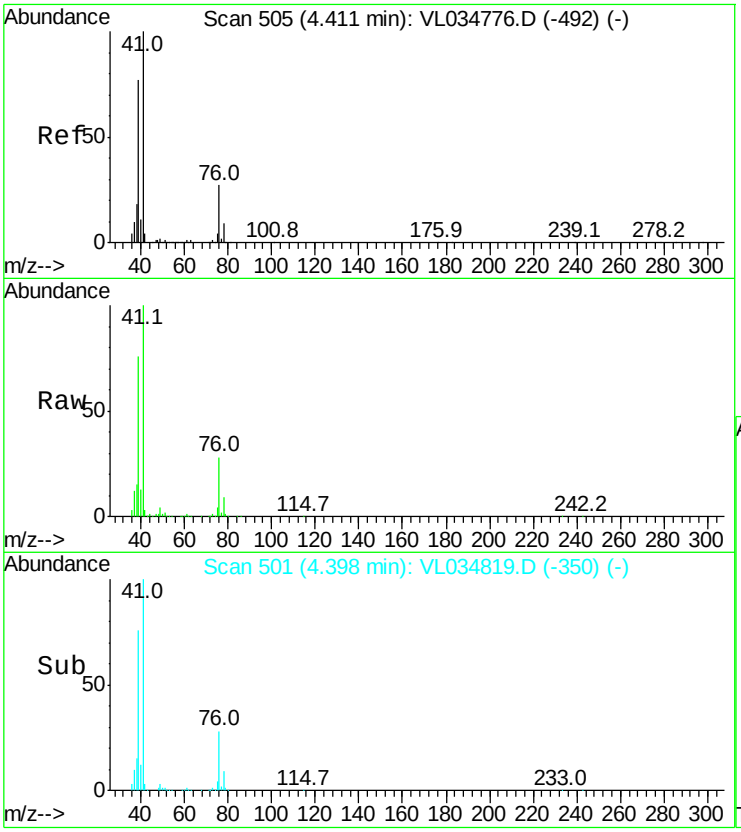


#20
Methylene Chloride
Concen: 8.043 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 84 Resp: 302313

Ion	Ratio	Lower	Upper
84	100		
49	155.6	123.2	184.8
51	47.1	37.4	56.2
86	62.6	51.6	77.4



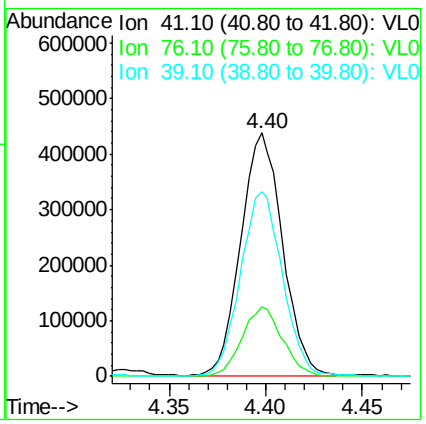


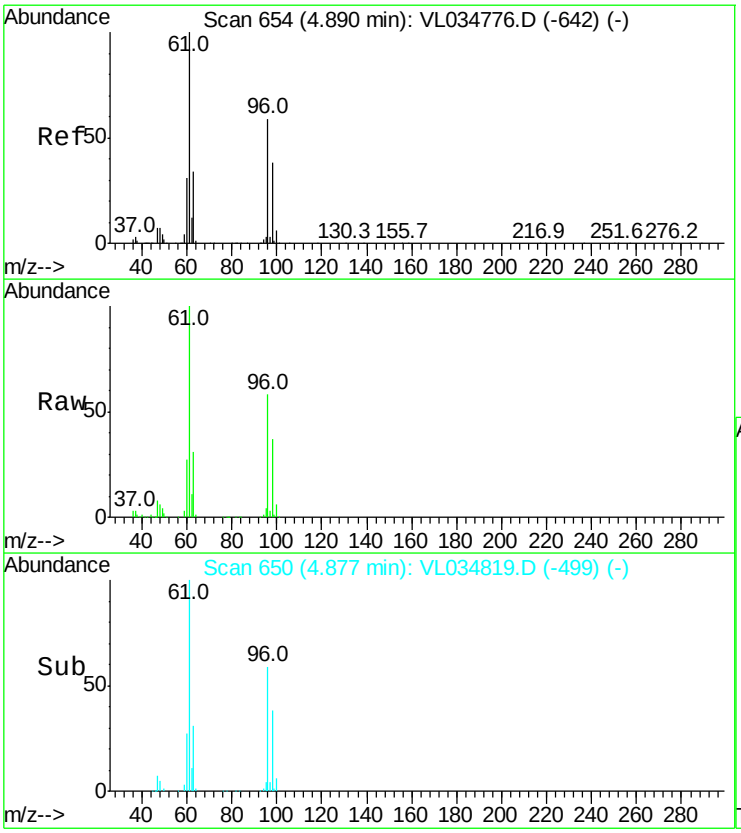
#21
Allyl Chloride
Concen: 9.796 ppbv
RT: 4.40 min Scan# 501
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 41 Resp: 653325

Ion	Ratio	Lower	Upper
41	100		
76	27.8	22.5	33.7
39	77.3	65.0	97.6

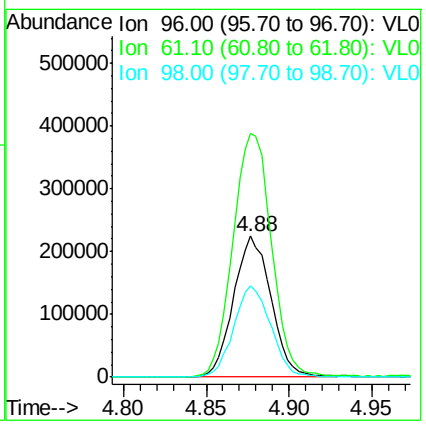


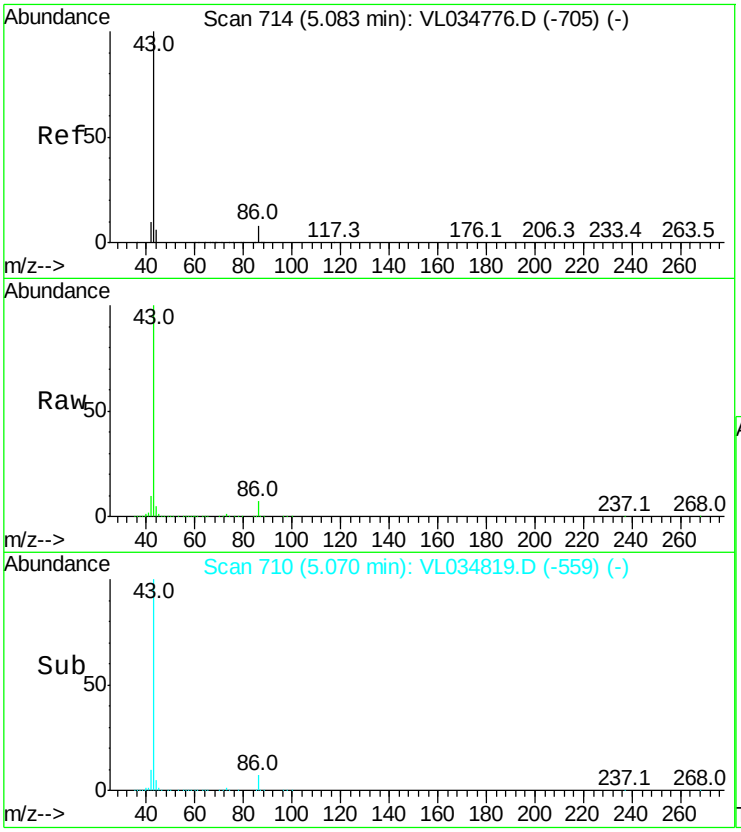


#22
trans-1,2-Dichloroethene
Concen: 9.255 ppbv
RT: 4.88 min Scan# 650
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 96 Resp: 353099

Ion	Ratio	Lower	Upper
96	100		
61	172.7	135.2	202.8
98	64.5	50.8	76.2



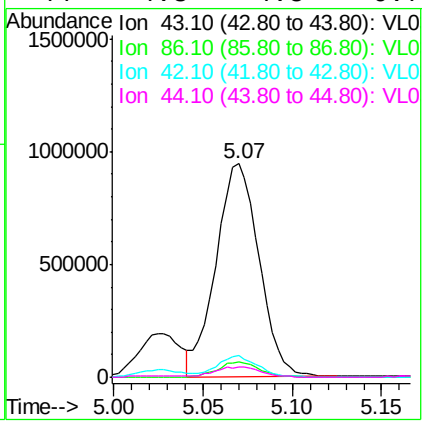


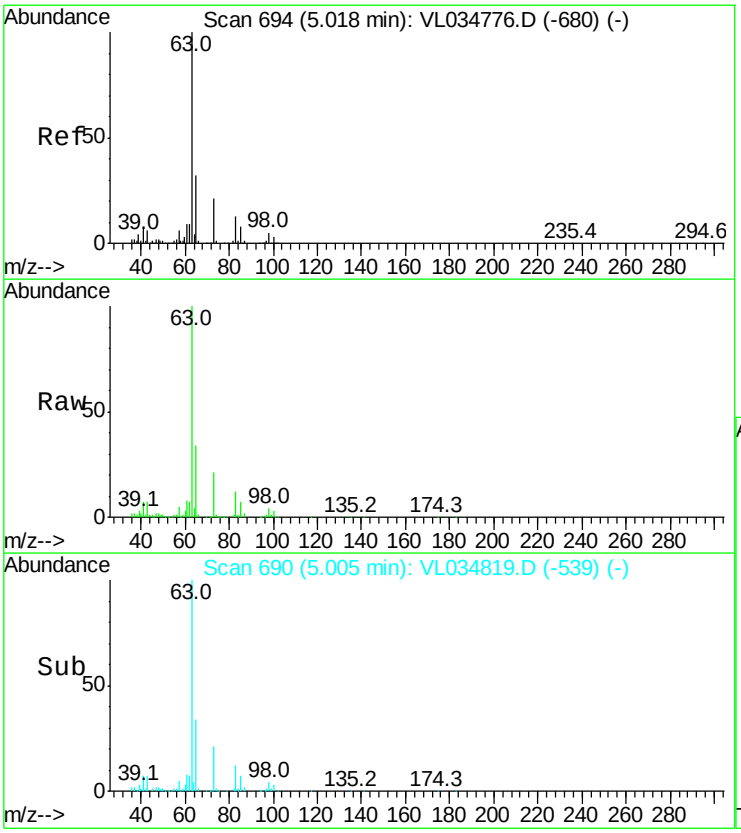
#23
Vinyl Acetate
Concen: 11.191 ppbv
RT: 5.07 min Scan# 710
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1580457

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.9	8.9
42	10.0	8.2	12.2
44	4.8	4.5	6.7

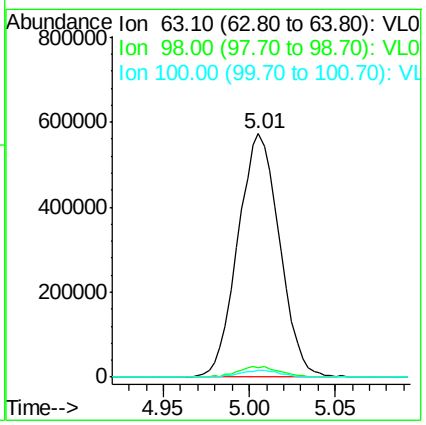


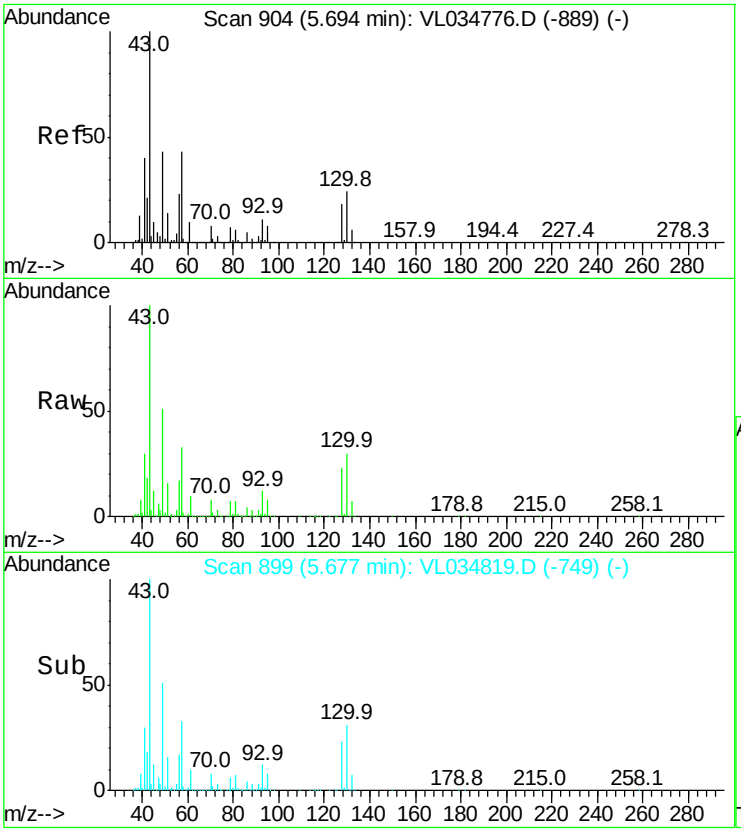


#24
1,1-Dichloroethane
Concen: 8.783 ppbv
RT: 5.01 min Scan# 690
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 63 Resp: 962784

Ion	Ratio	Lower	Upper
63	100		
98	3.9	2.3	6.8
100	2.6	1.5	4.4



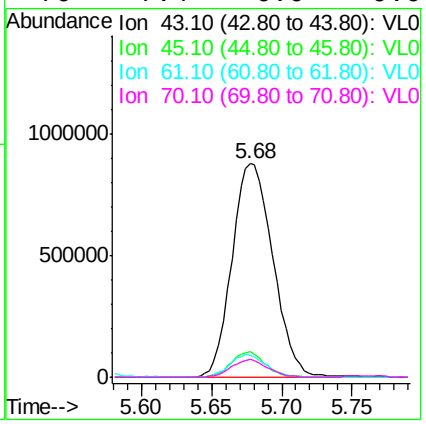


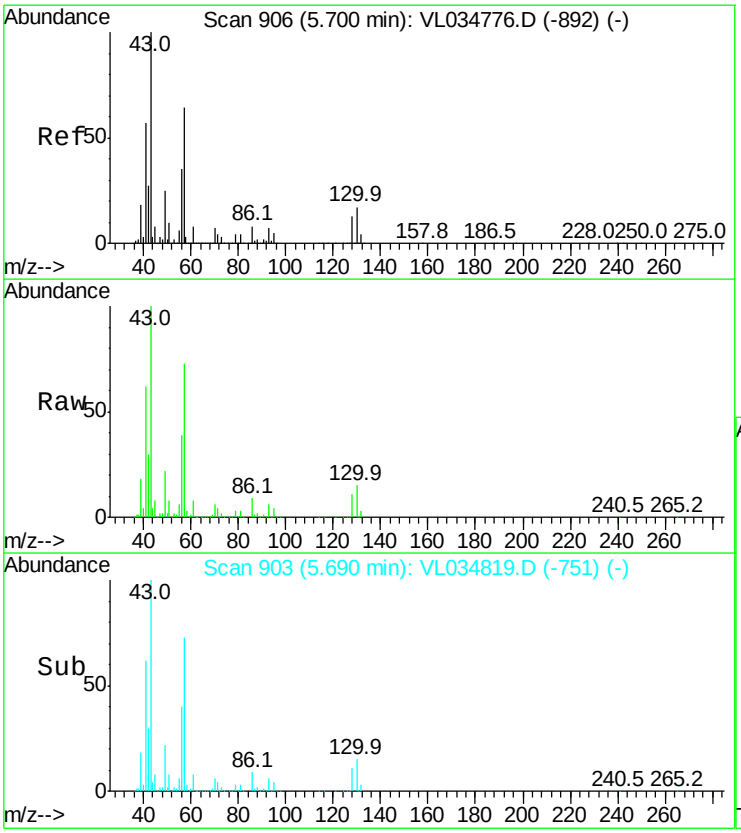
#25
Ethyl Acetate
Concen: 9.774 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1778804

Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.6	7.5	11.3
70	7.4	6.0	9.0

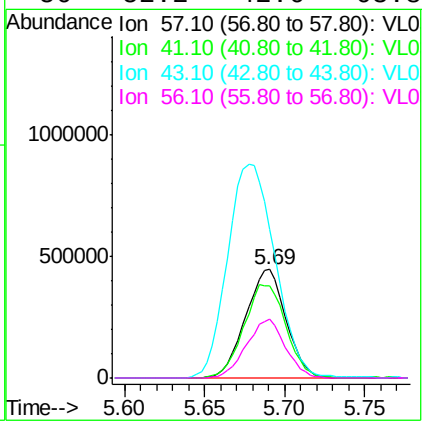


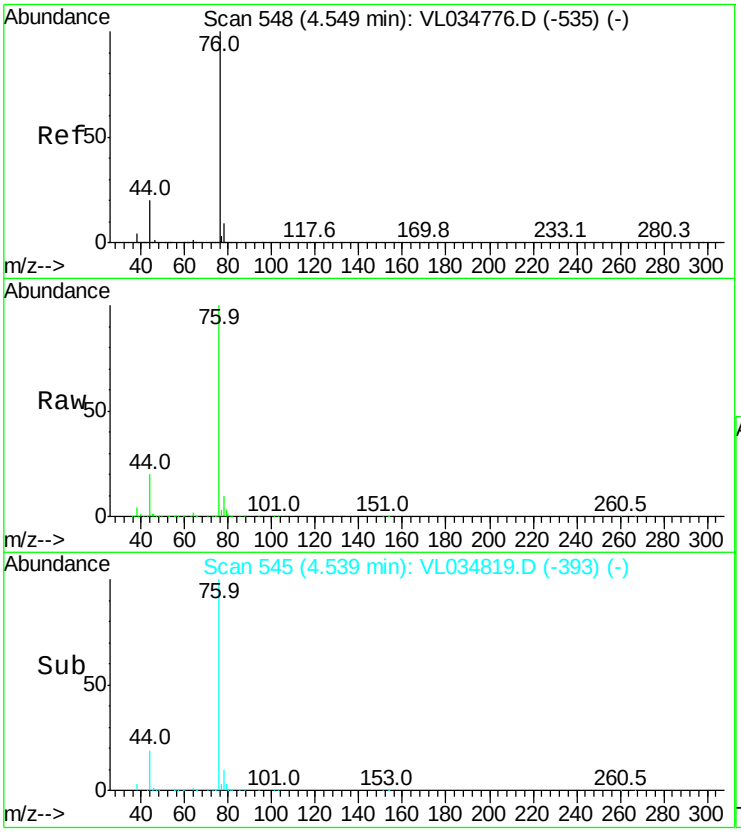


#26
Hexane
Concen: 9.737 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 57 Resp: 774193

Ion	Ratio	Lower	Upper
57	100		
41	89.3	72.0	108.0
43	231.0	179.1	268.7
56	52.2	42.6	63.8



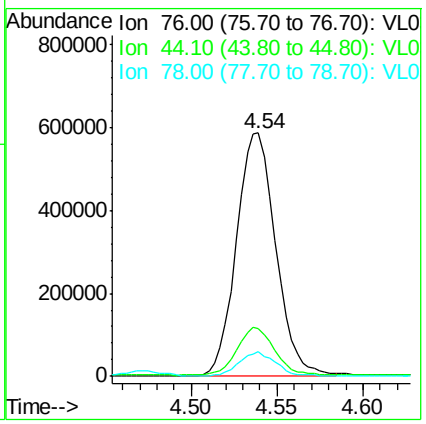


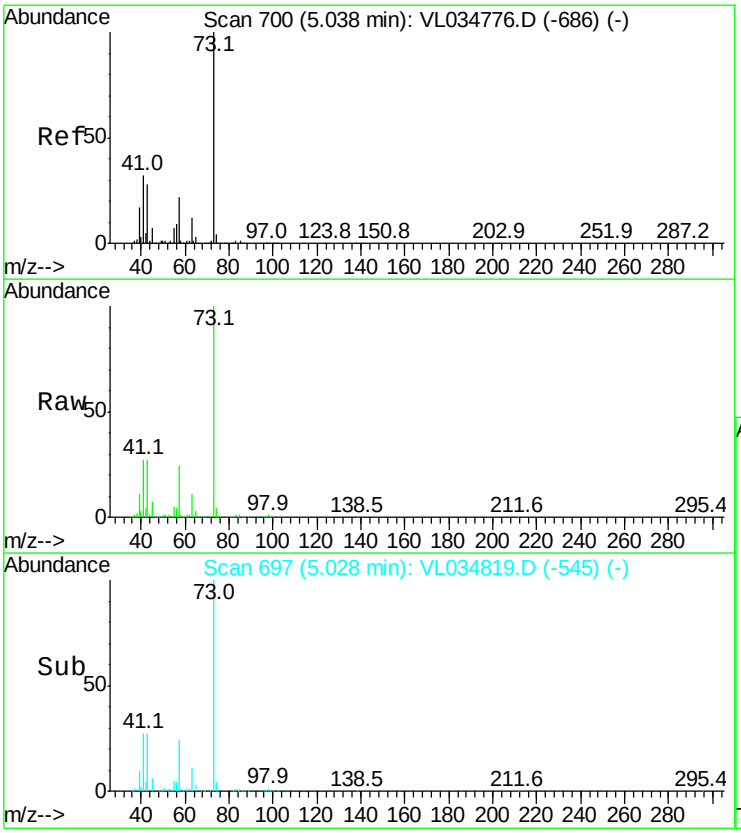
#27
Carbon Disulfide
Concen: 10.064 ppbv
RT: 4.54 min Scan# 545
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 76 Resp: 934741

Ion	Ratio	Lower	Upper
76	100		
44	18.8	16.1	24.1
78	9.6	7.5	11.3

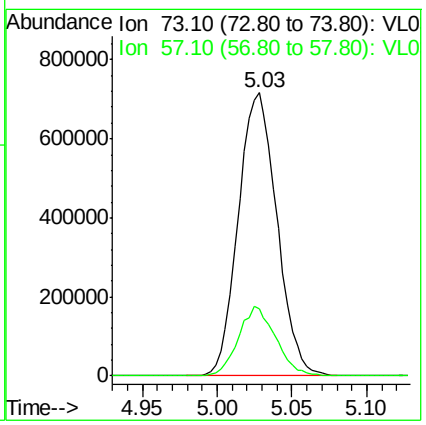


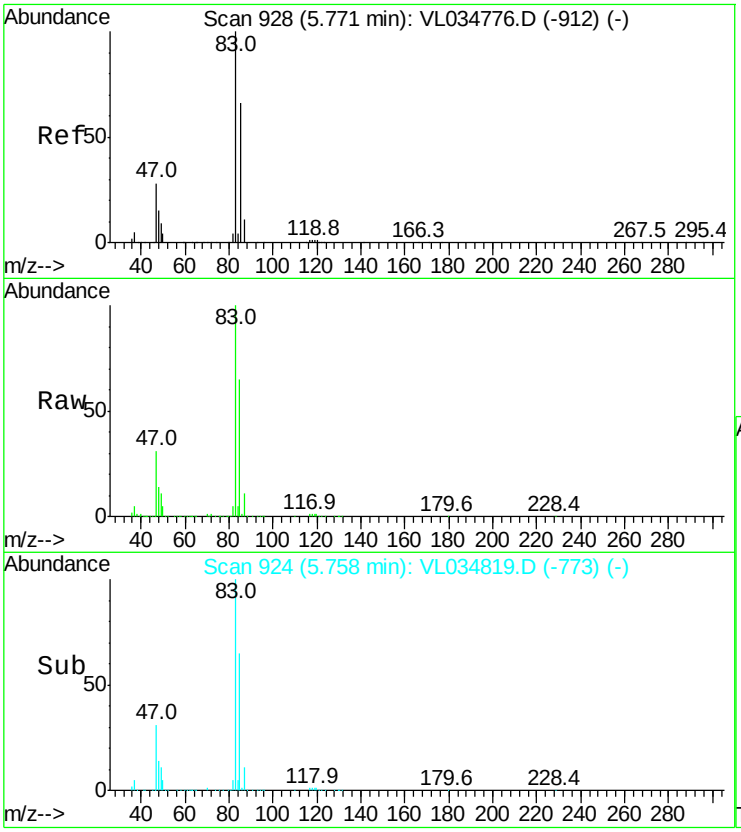


#28
Methyl tert-Butyl Ether
Concen: 10.875 ppbv
RT: 5.03 min Scan# 697
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 73 Resp: 1286971

Ion	Ratio	Lower	Upper
73	100		
57	23.8	18.5	27.7



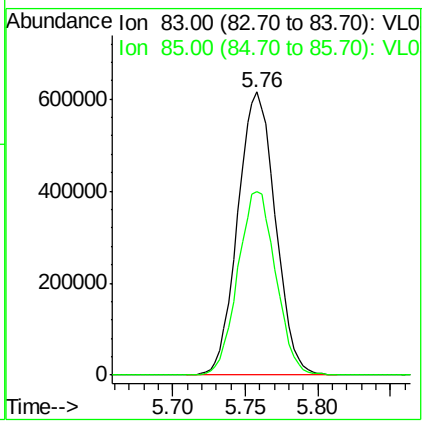


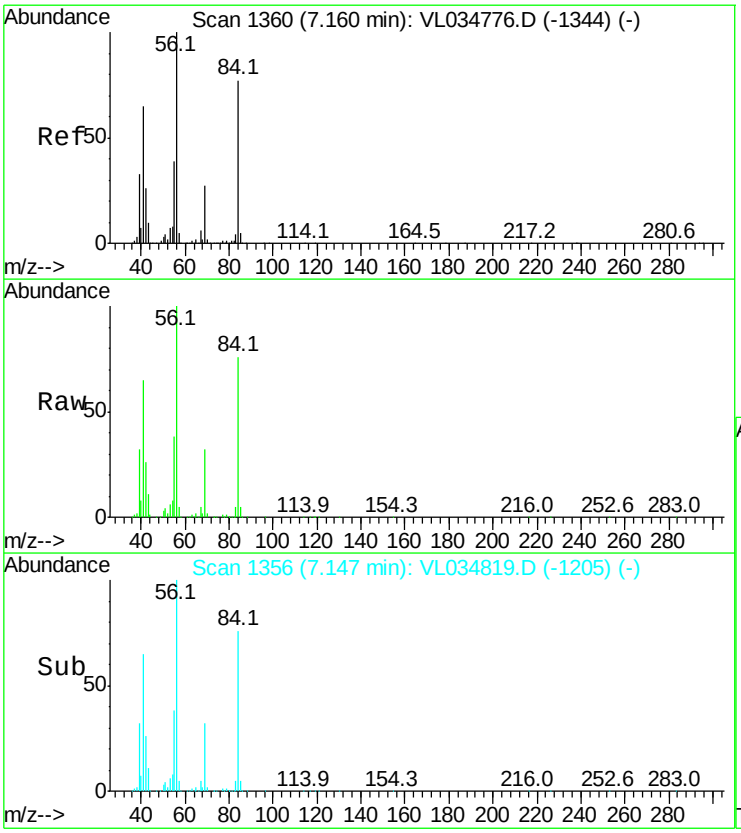
#29
Chloroform
Concen: 8.301 ppbv
RT: 5.76 min Scan# 924
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1110948

Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.4

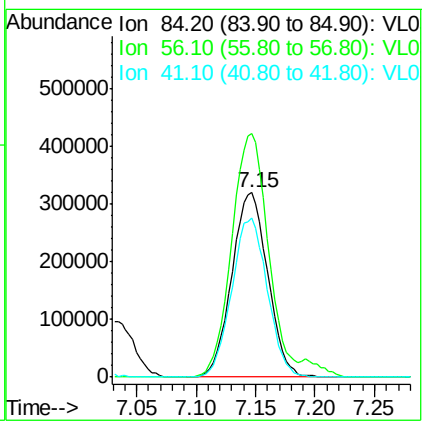


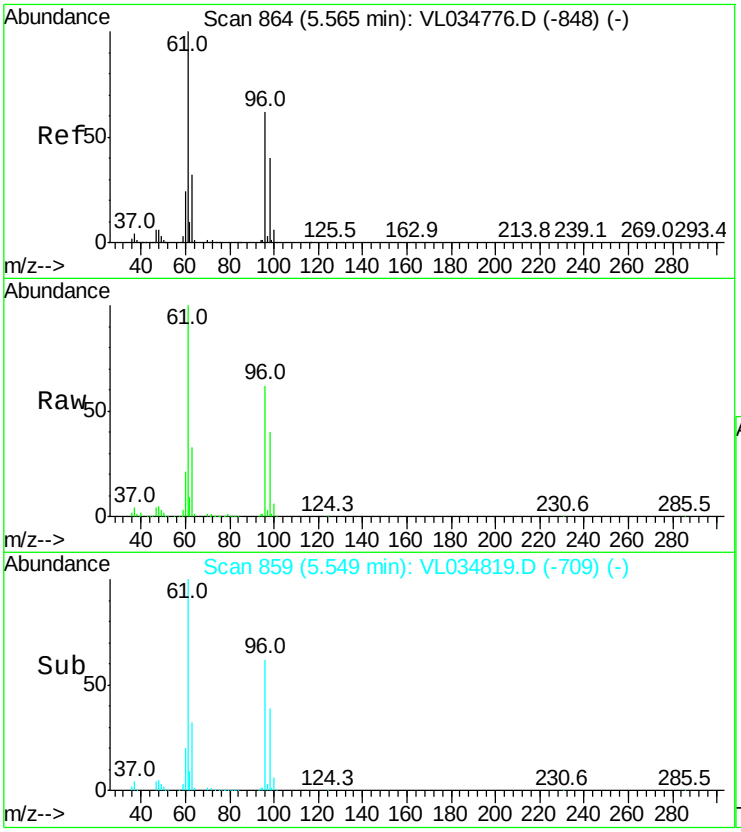


#30
Cyclohexane
Concen: 11.025 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 84 Resp: 670607

Ion	Ratio	Lower	Upper
84	100		
56	139.6	113.2	169.8
41	85.5	70.2	105.4



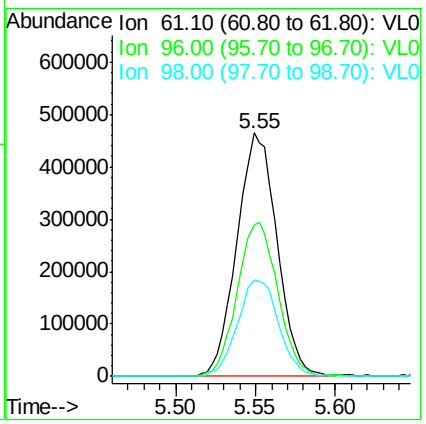


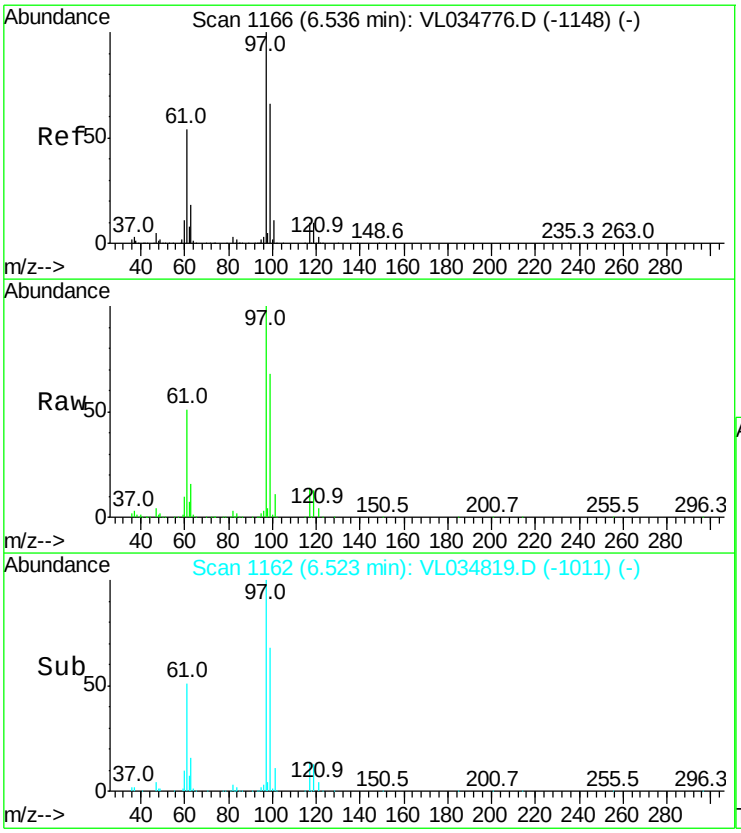
#31
cis-1,2-Dichloroethene
Concen: 9.728 ppbv
RT: 5.55 min Scan# 859
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 793345

Ion	Ratio	Lower	Upper
61	100		
96	61.9	49.7	74.5
98	39.6	31.9	47.9

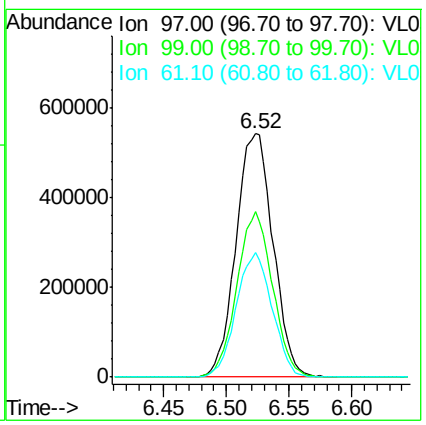


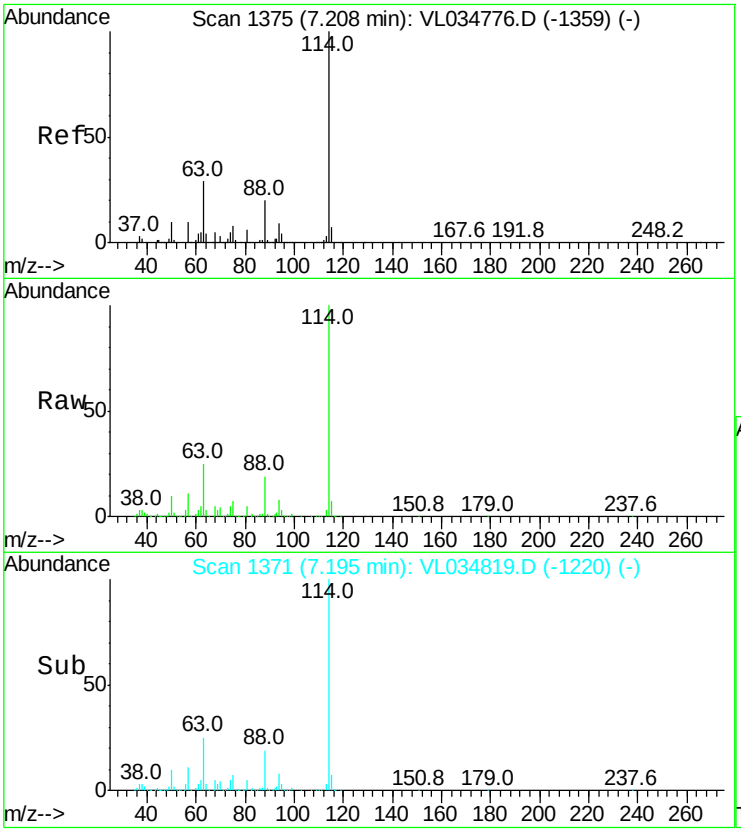


#32
1,1,1-Trichloroethane
Concen: 8.446 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 97 Resp: 1116998

Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	49.6	43.4	65.0



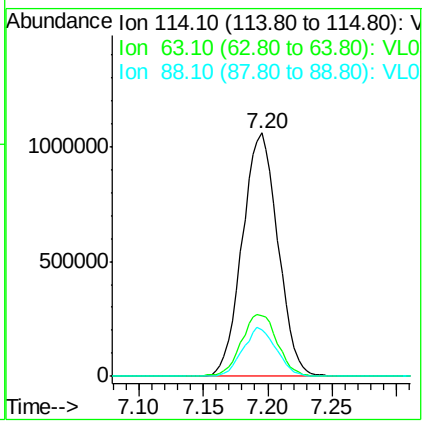


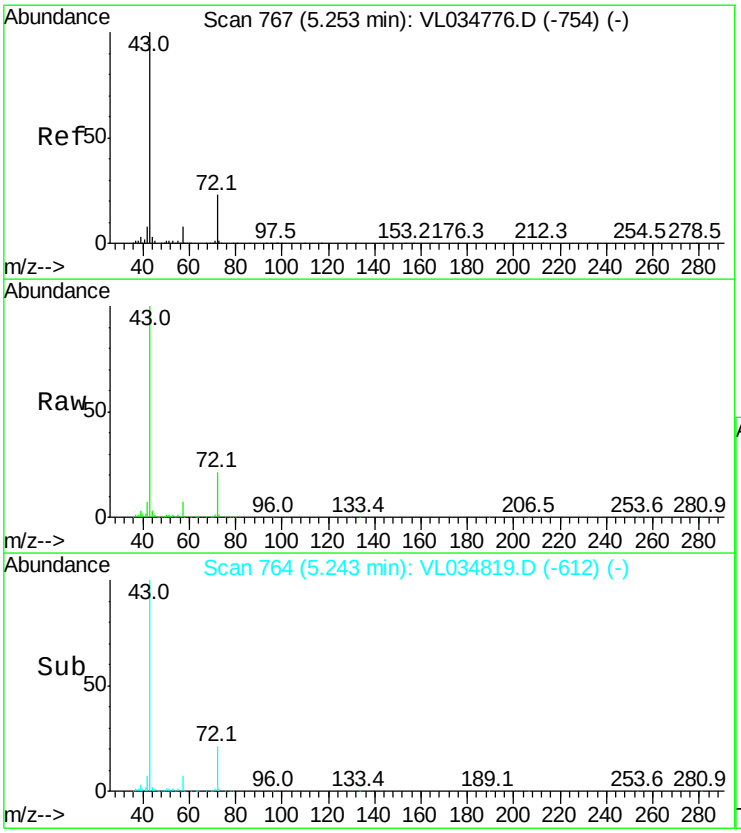
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1371
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2038779

Ion	Ratio	Lower	Upper
114	100		
63	26.0	23.6	35.4
88	18.8	15.8	23.8

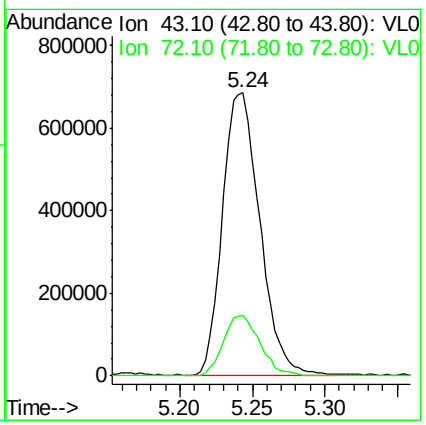


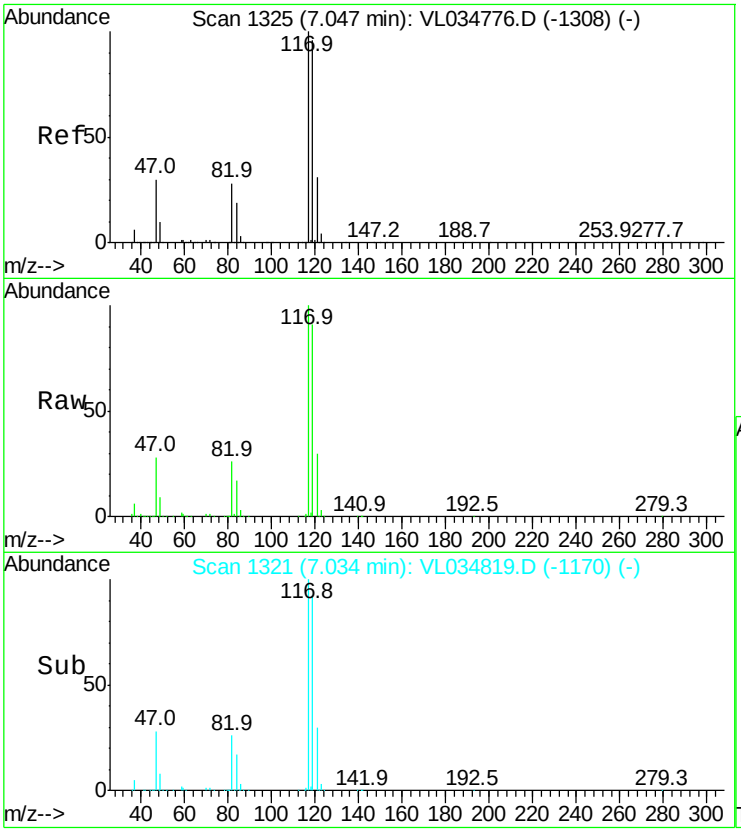


#34
2-Butanone
Concen: 9.191 ppbv
RT: 5.24 min Scan# 764
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 43 Resp: 1219029

Ion	Ratio	Lower	Upper
43	100		
72	21.2	17.5	26.3



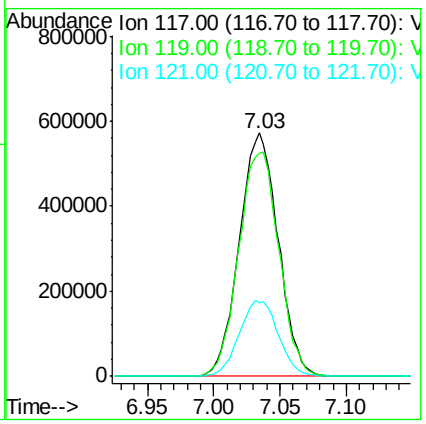


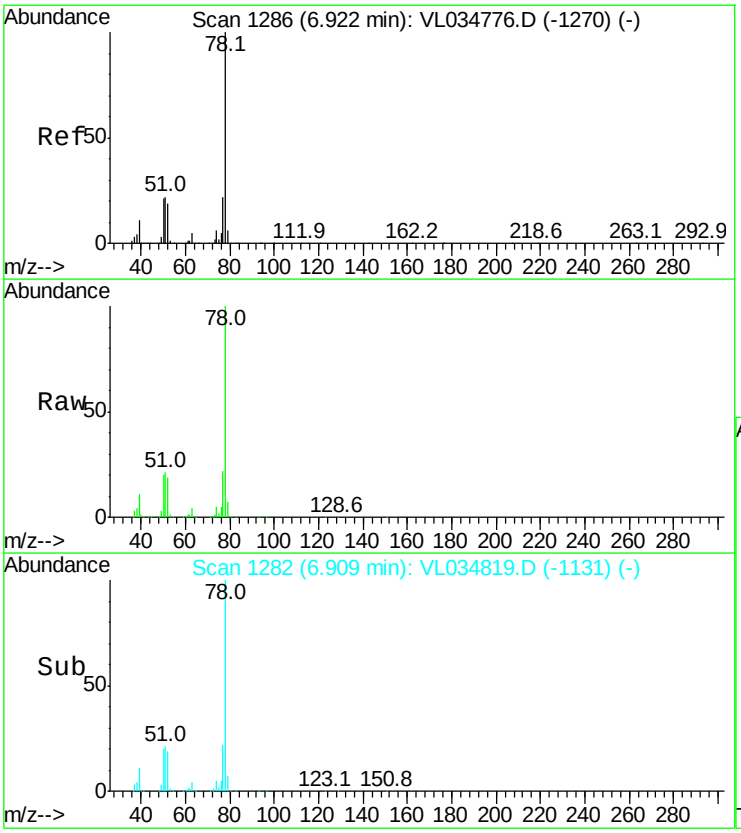
#35
Carbon Tetrachloride
Concen: 7.591 ppbv
RT: 7.03 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 1167731

Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.8	115.2
121	30.4	24.6	37.0

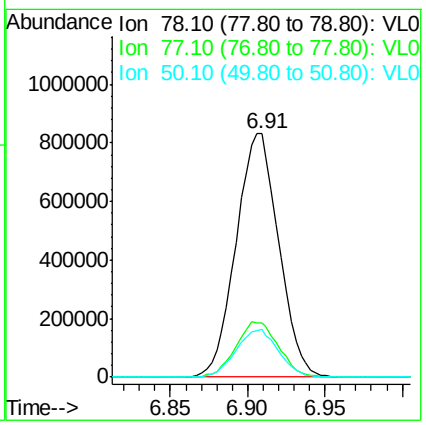


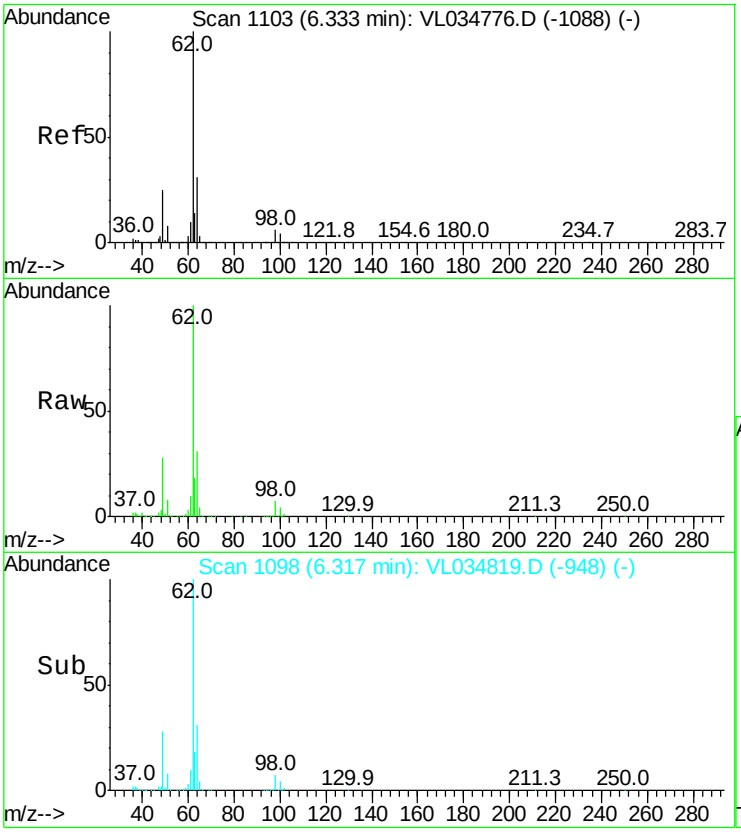


#36
Benzene
Concen: 9.125 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 78 Resp: 1589767

Ion	Ratio	Lower	Upper
78	100		
77	22.1	18.0	27.0
50	19.7	16.9	25.3



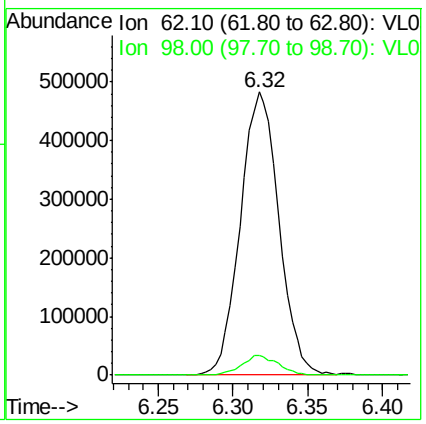


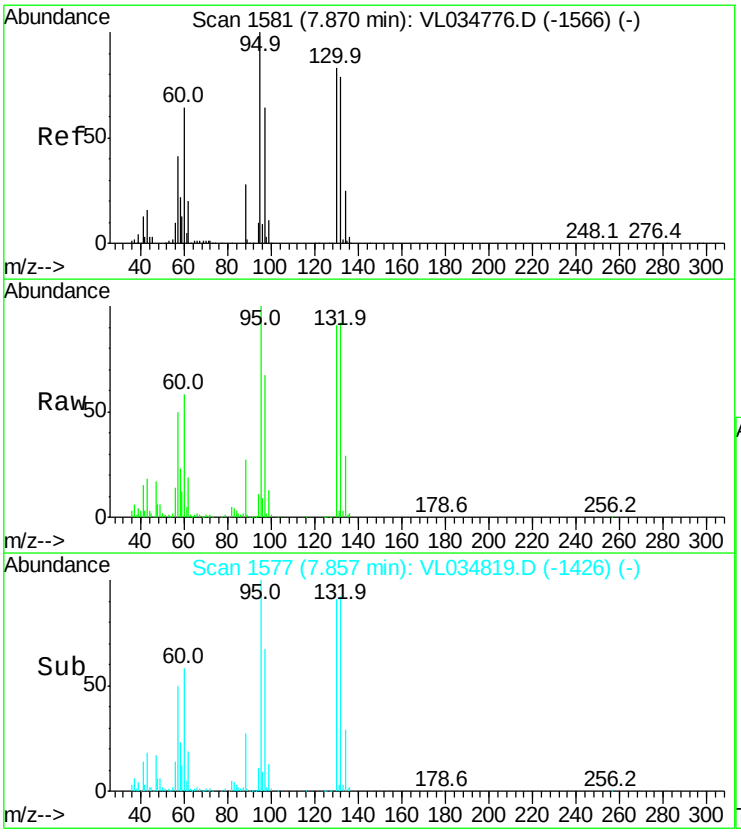
#37
1,2-Dichloroethane
Concen: 7.287 ppbv
RT: 6.32 min Scan# 1098
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 867118

Ion	Ratio	Lower	Upper
62	100		
98	6.6	4.4	6.6

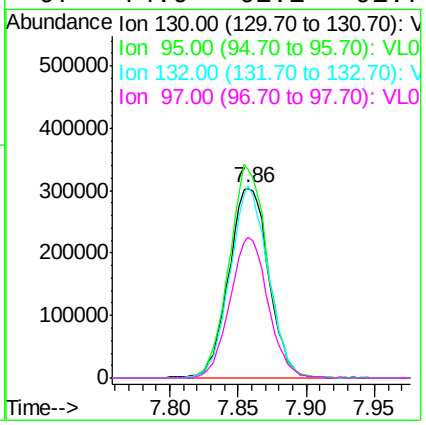


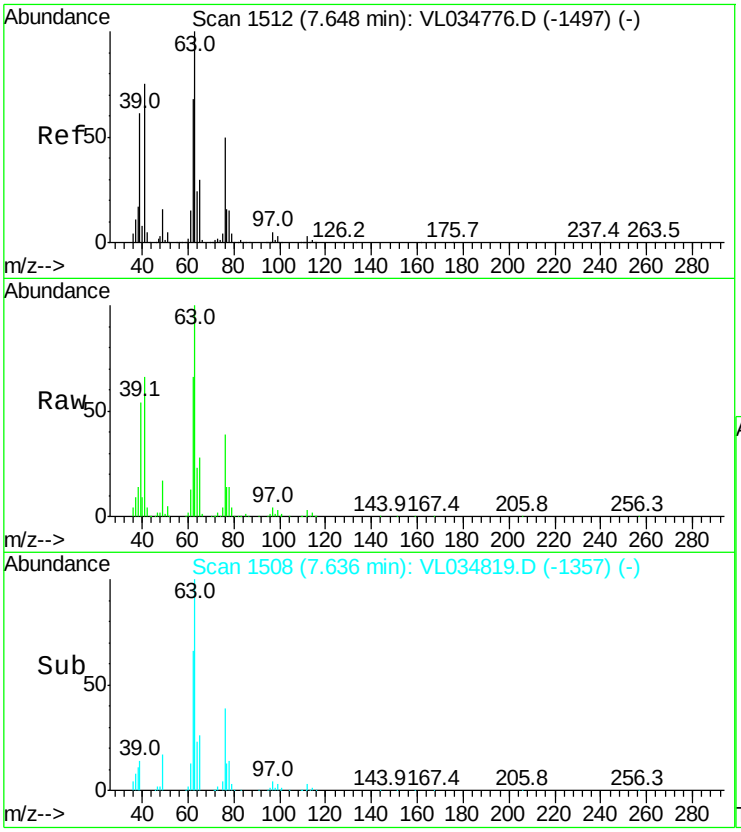


#38
Trichloroethene
Concen: 9.045 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:130 Resp: 614140

Ion	Ratio	Lower	Upper
130	100		
95	109.7	95.8	143.8
132	101.4	76.1	114.1
97	74.0	61.1	91.7



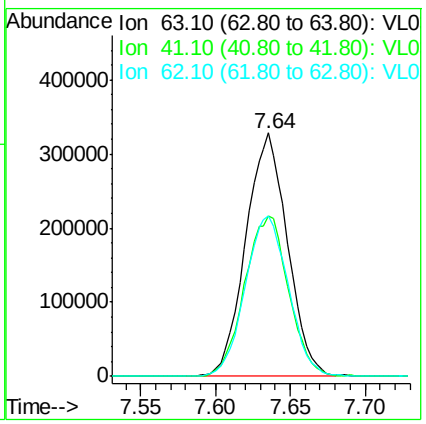


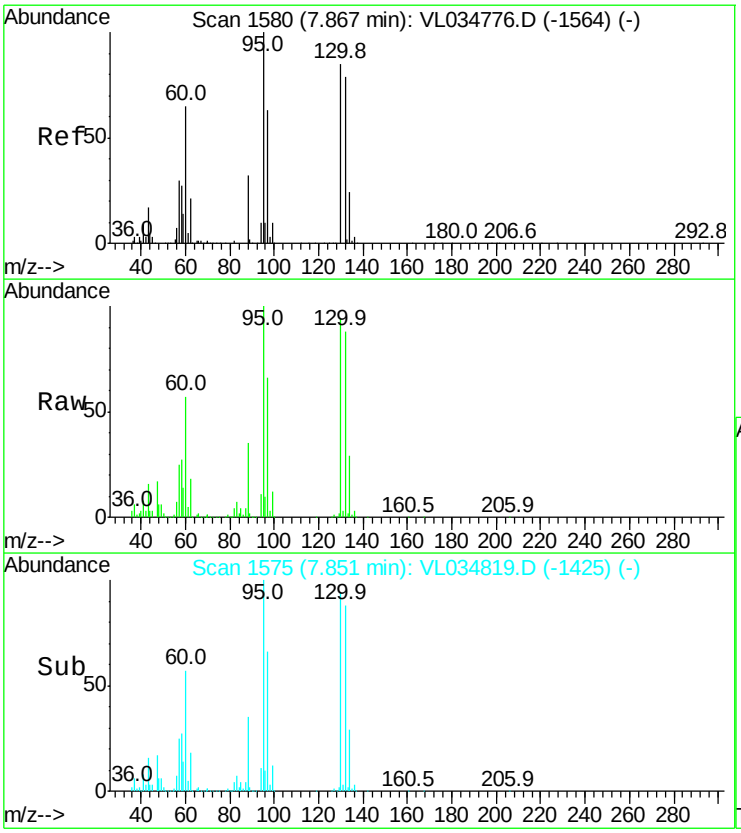
#39
1,2-Dichloropropane
Concen: 9.031 ppbv
RT: 7.64 min Scan# 1508
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 63 Resp: 634977

Ion	Ratio	Lower	Upper
63	100		
41	65.9	60.3	90.5
62	66.1	54.5	81.7

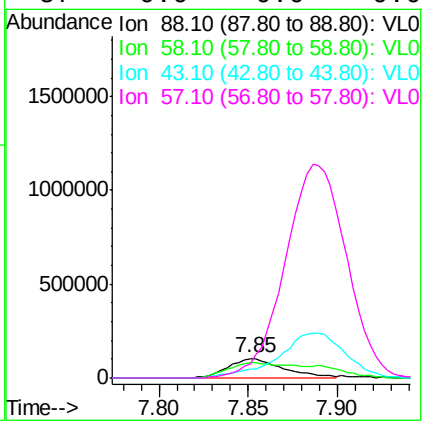


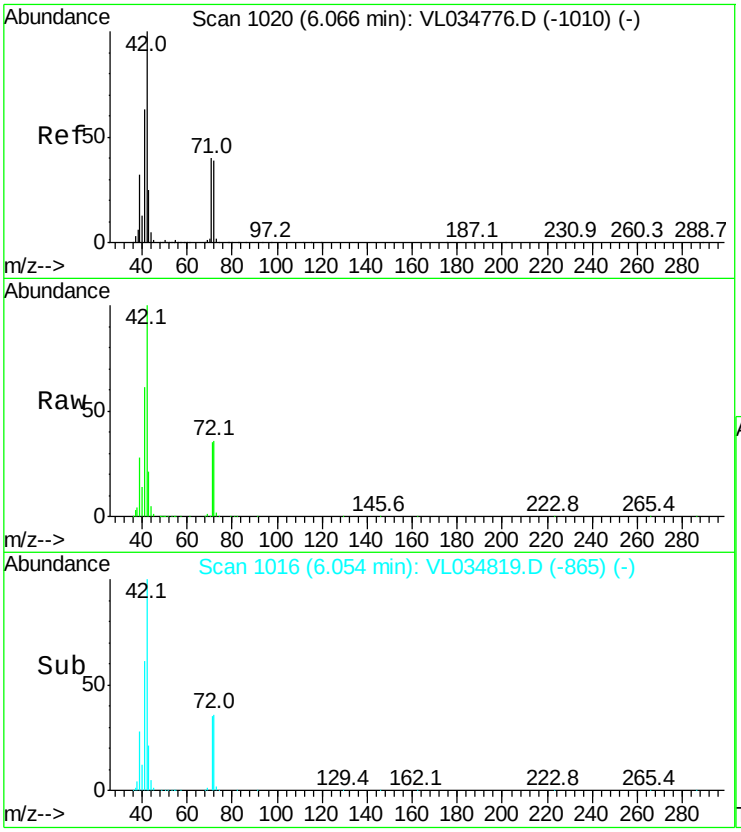


#40
1,4-Dioxane
Concen: 8.943 ppbv
RT: 7.85 min Scan# 1575
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 88 Resp: 217472

Ion	Ratio	Lower	Upper
88	100		
58	141.7	110.6	166.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0



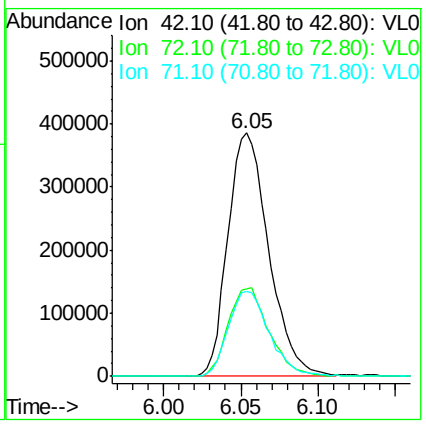


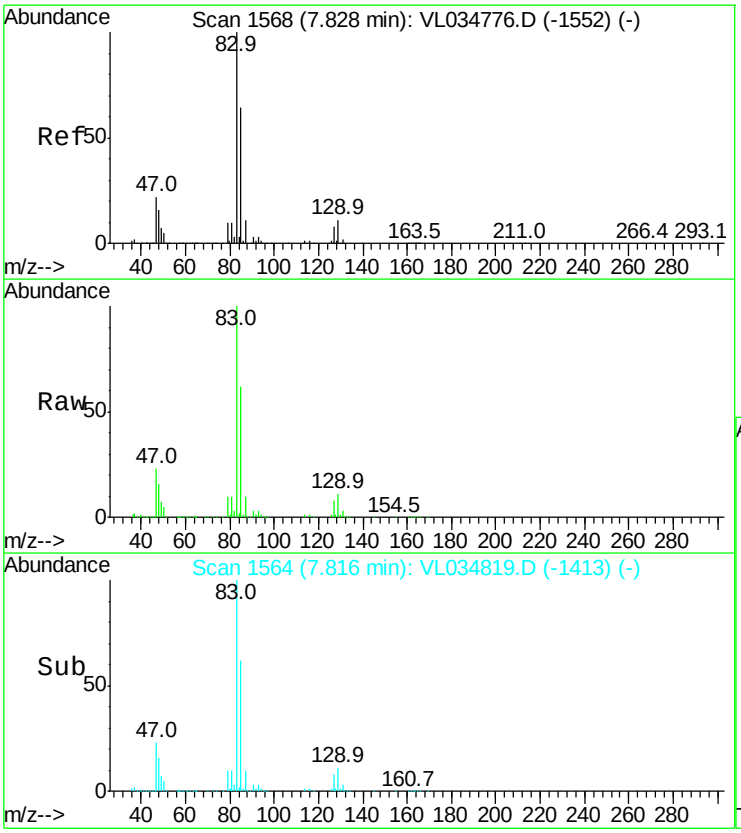
#41
Tetrahydrofuran
Concen: 10.472 ppbv
RT: 6.05 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 708720

Ion	Ratio	Lower	Upper
42	100		
72	36.4	32.0	48.0
71	35.2	31.3	46.9

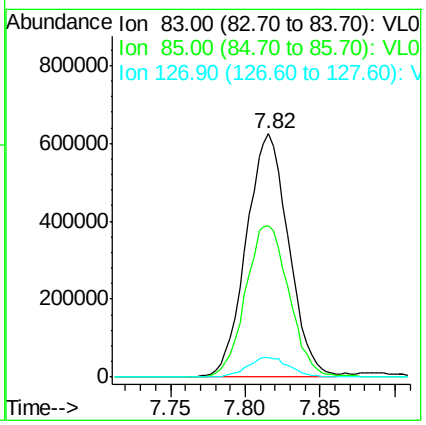


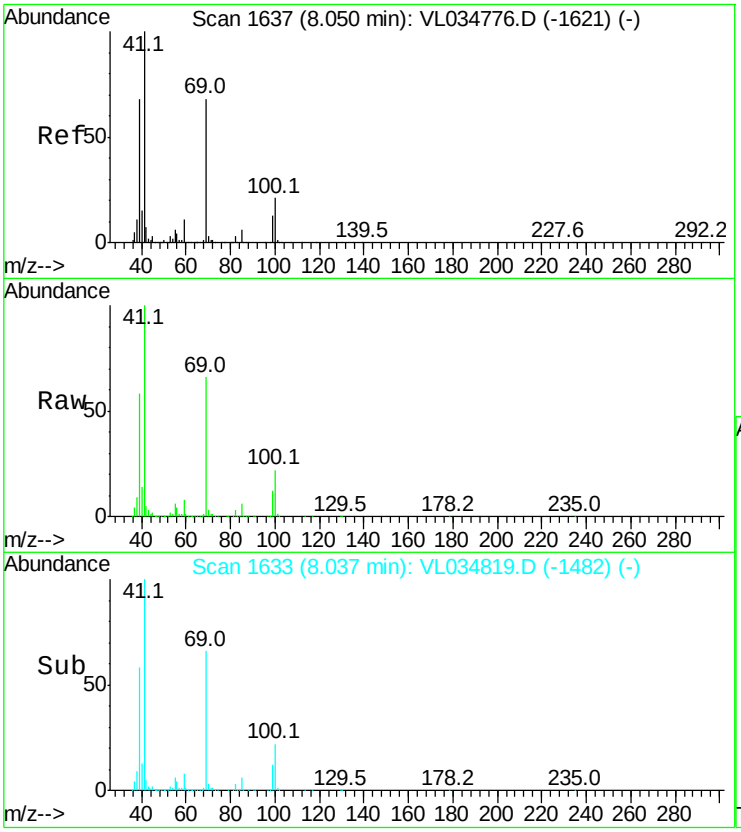


#42
Bromodichloromethane
Concen: 8.174 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 83 Resp: 1230693

Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.8	76.2
127	8.2	6.5	9.7



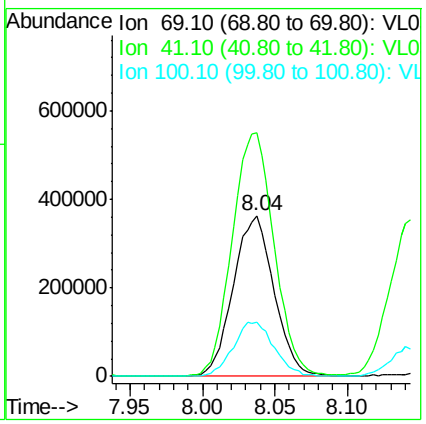


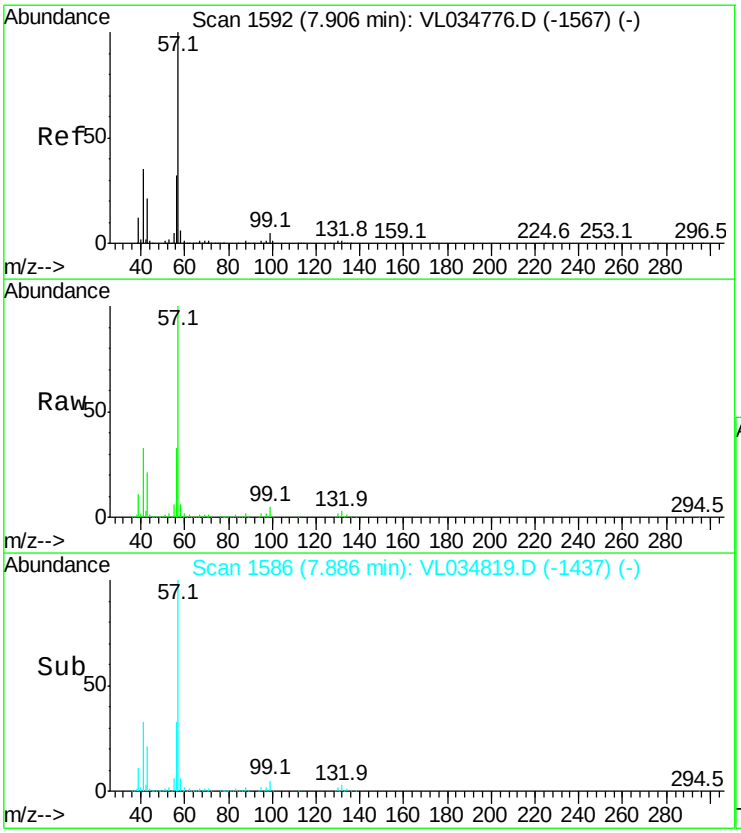
#43
Methyl Methacrylate
Concen: 9.580 ppbv
RT: 8.04 min Scan# 1633
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 69 Resp: 707254

Ion	Ratio	Lower	Upper
69	100		
41	156.3	121.6	182.4
100	34.0	23.8	35.8

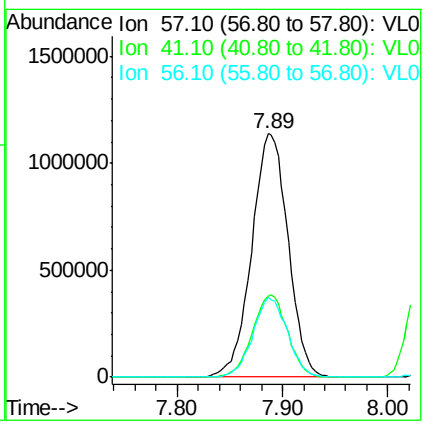


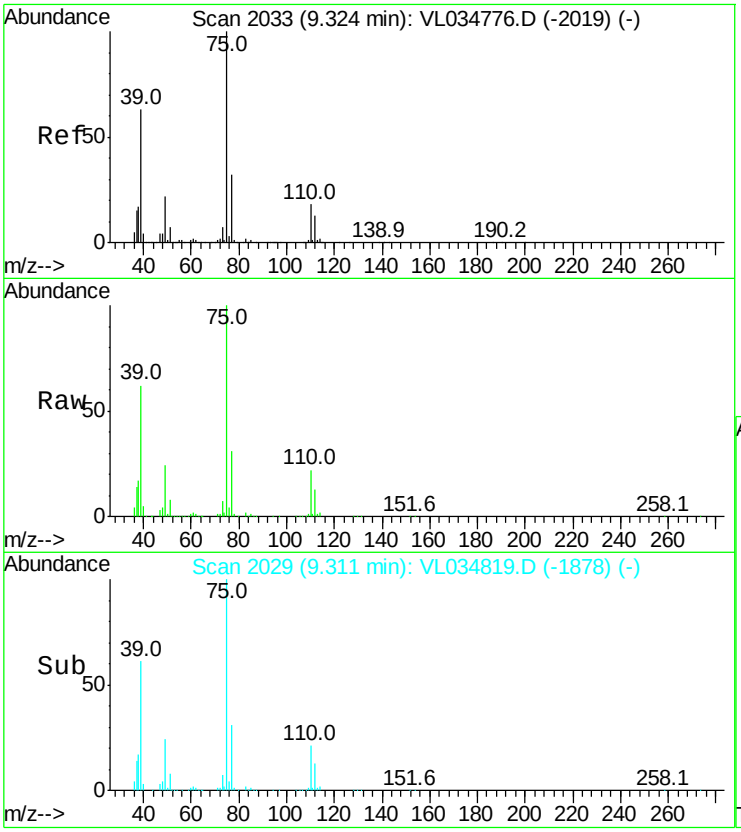


#44
2,2,4-Trimethylpentane
Concen: 8.947 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 57 Resp: 2723835

Ion	Ratio	Lower	Upper
57	100		
41	32.5	27.4	41.0
56	31.2	25.0	37.6



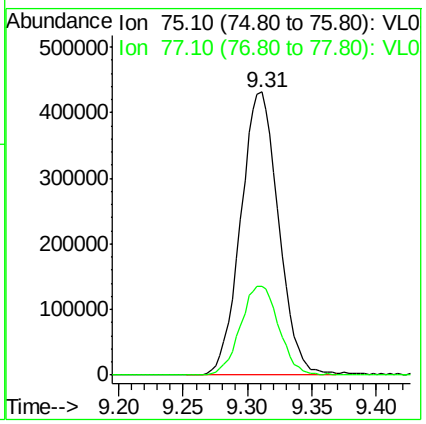


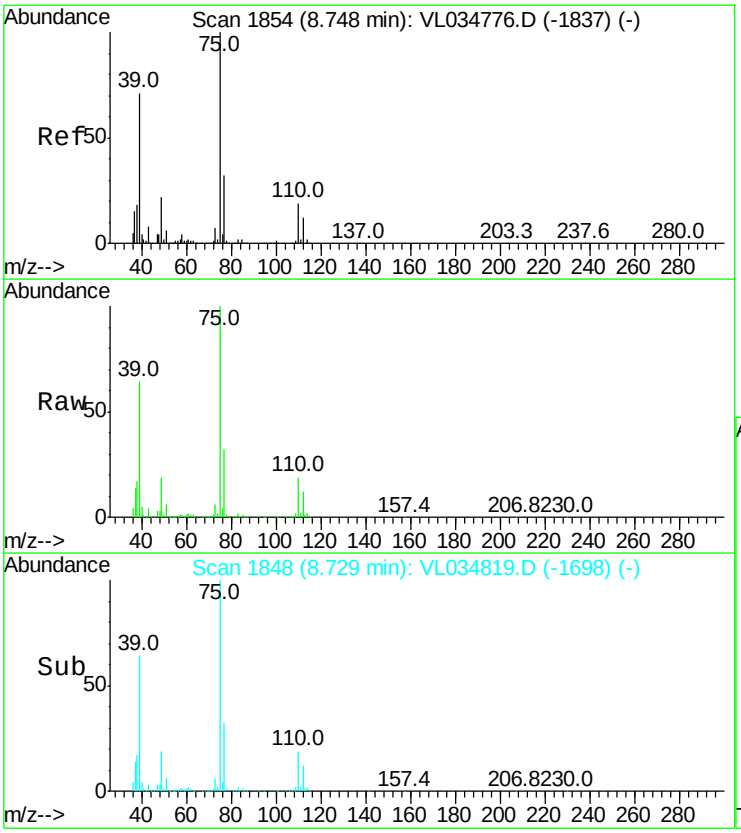
#45
t-1,3-Dichloropropene
Concen: 11.387 ppbv
RT: 9.31 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 882542

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.6	38.4

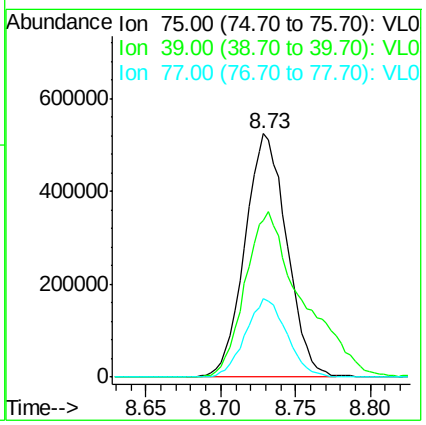


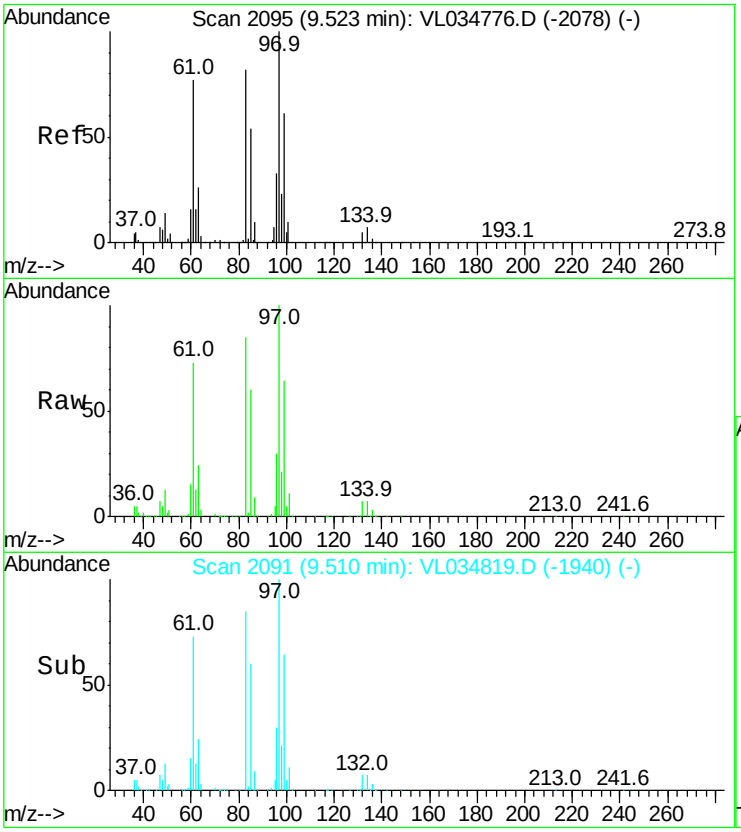


#46
cis-1,3-Dichloropropene
Concen: 10.786 ppbv
RT: 8.73 min Scan# 1848
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 75 Resp: 1020720

Ion	Ratio	Lower	Upper
75	100		
39	64.1	56.9	85.3
77	32.0	25.7	38.5



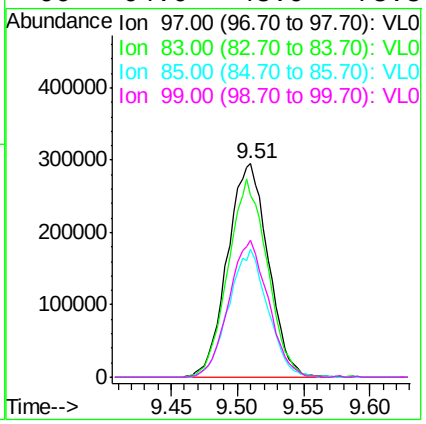


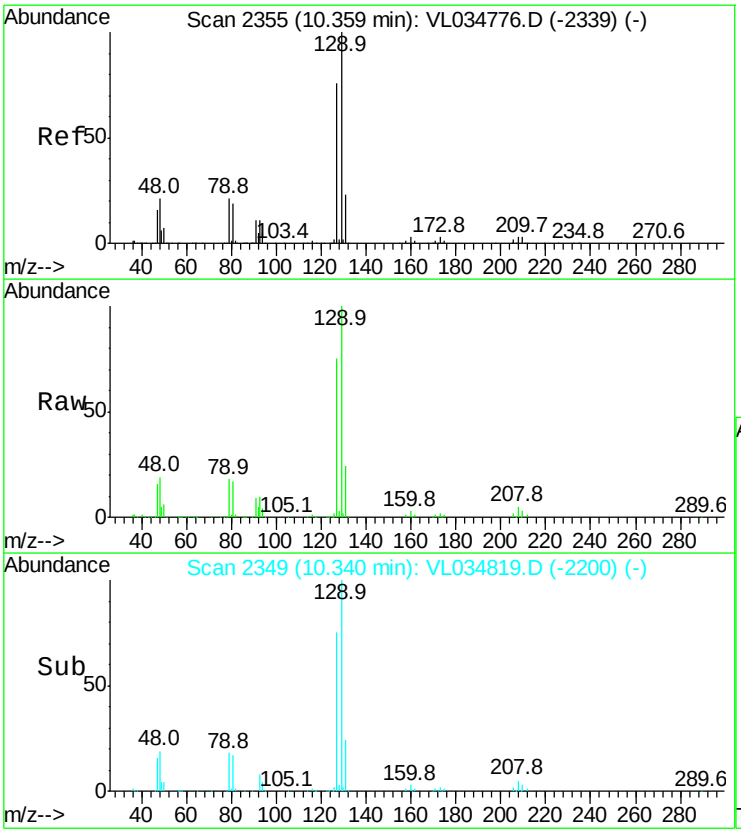
#47
1,1,2-Trichloroethane
Concen: 8.473 ppbv
RT: 9.51 min Scan# 2091
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 97 Resp: 628958

Ion	Ratio	Lower	Upper
97	100		
83	85.4	65.2	97.8
85	59.6	43.6	65.4
99	64.0	48.9	73.3

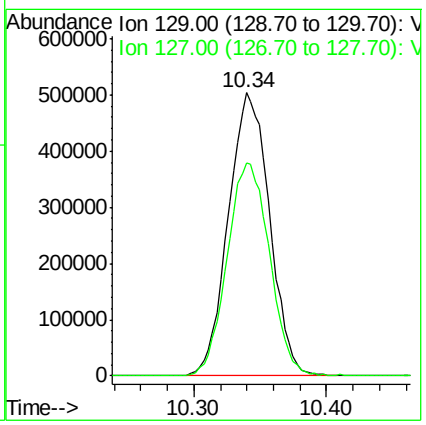


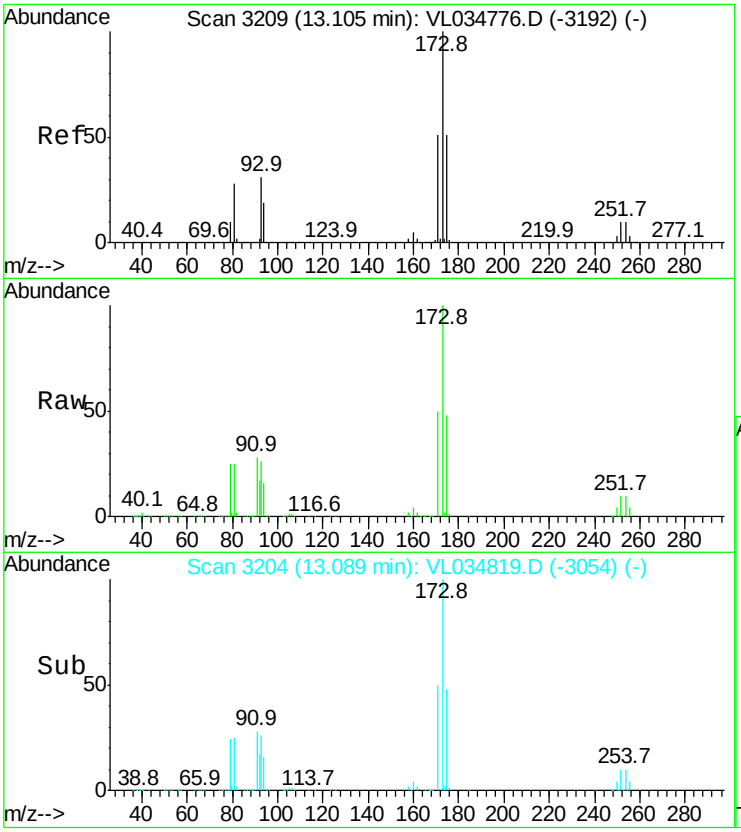


#48
Dibromochloromethane
Concen: 9.382 ppbv
RT: 10.34 min Scan# 2349
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:129 Resp: 1088992

Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.0	117.0



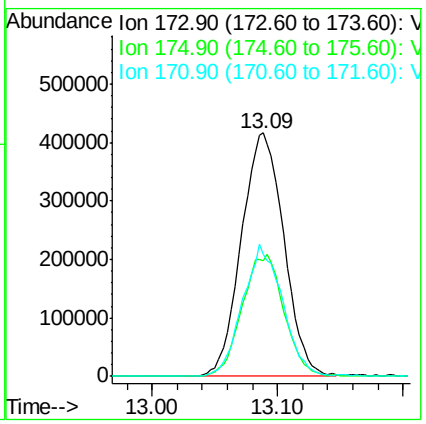


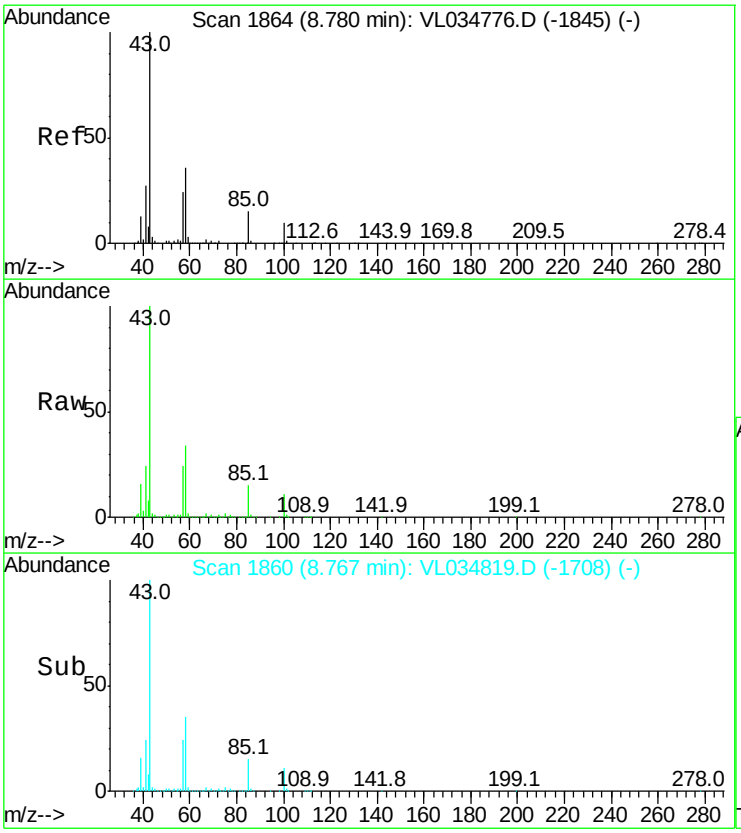
#49
Bromoform
Concen: 9.644 ppbv
RT: 13.09 min Scan# 3204
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 976810

Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.8	59.6
171	51.2	41.0	61.4

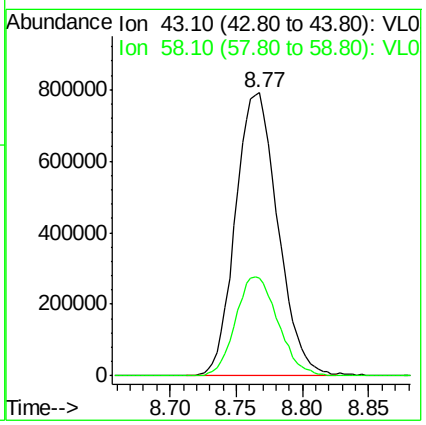


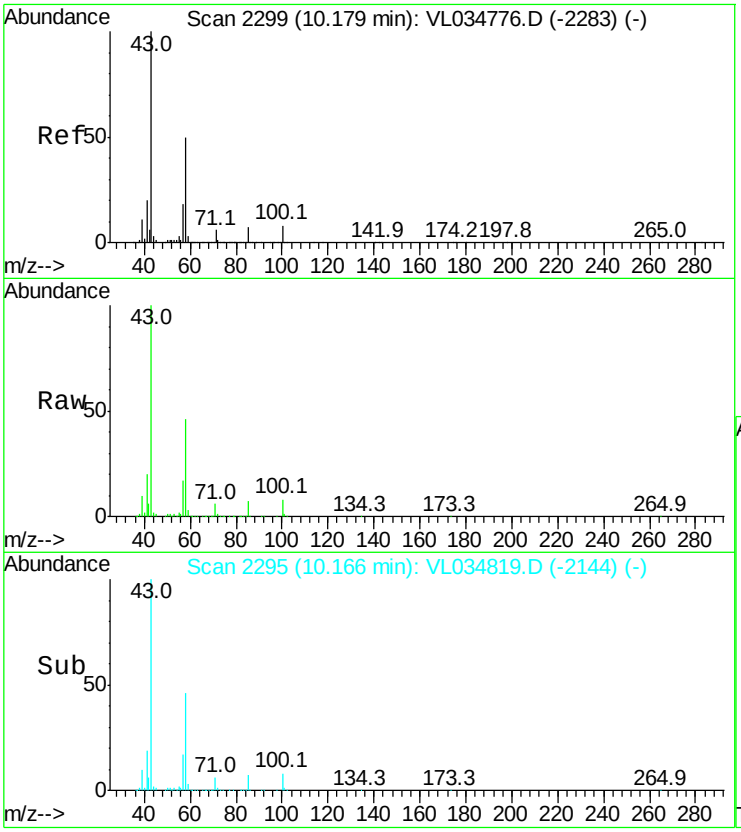


#50
4-Methyl-2-Pentanone
Concen: 9.240 ppbv
RT: 8.77 min Scan# 1860
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 43 Resp: 1756012

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.7	43.1



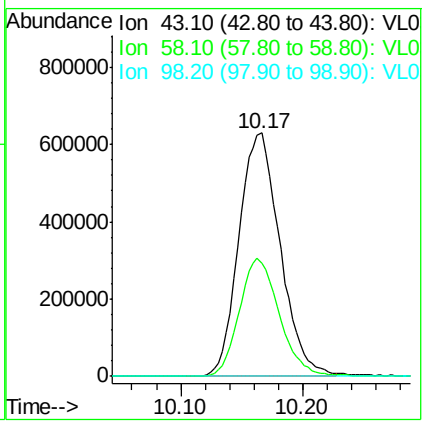


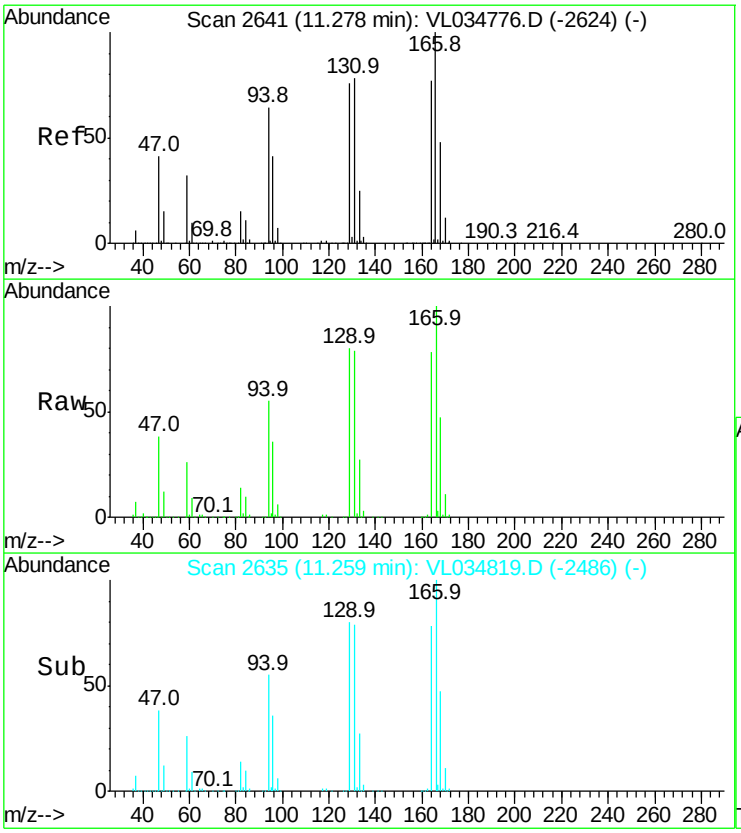
#51
2-Hexanone
Concen: 9.855 ppbv
RT: 10.17 min Scan# 2295
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 43 Resp: 1469203

Ion	Ratio	Lower	Upper
43	100		
58	47.4	38.6	58.0
98	0.0	0.2	0.4#

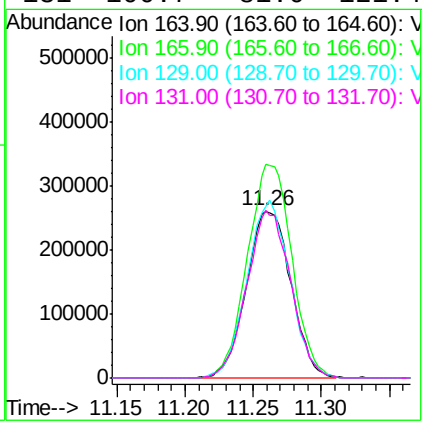


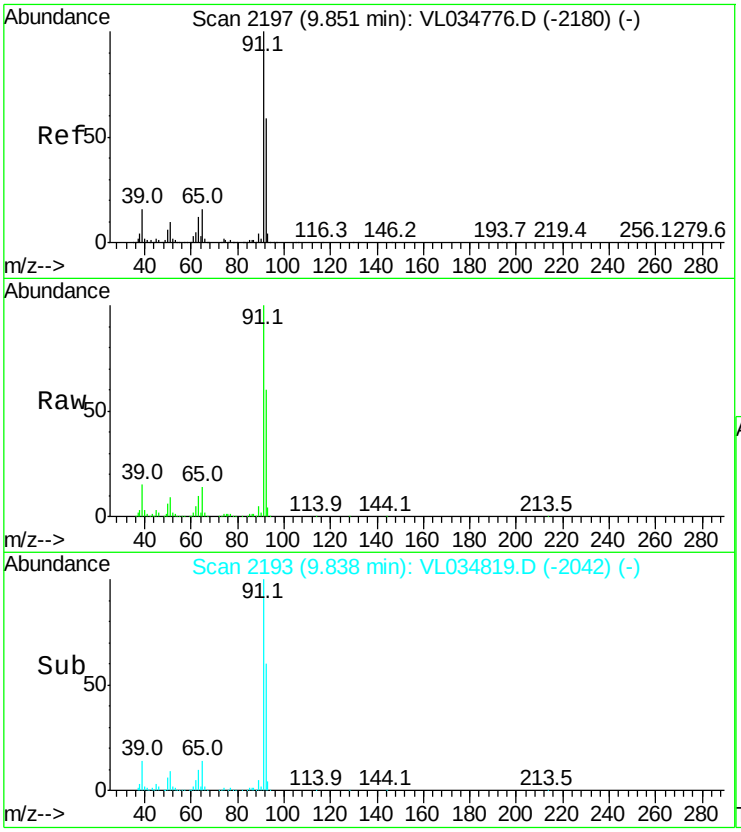


#52
Tetrachloroethene
Concen: 9.217 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:164 Resp: 593229

Ion	Ratio	Lower	Upper
164	100		
166	128.0	103.3	154.9
129	103.0	79.0	118.4
131	100.7	81.0	121.4



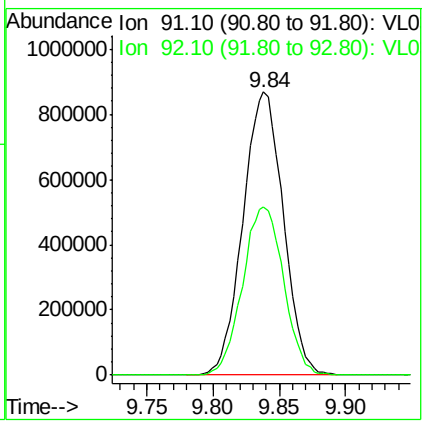


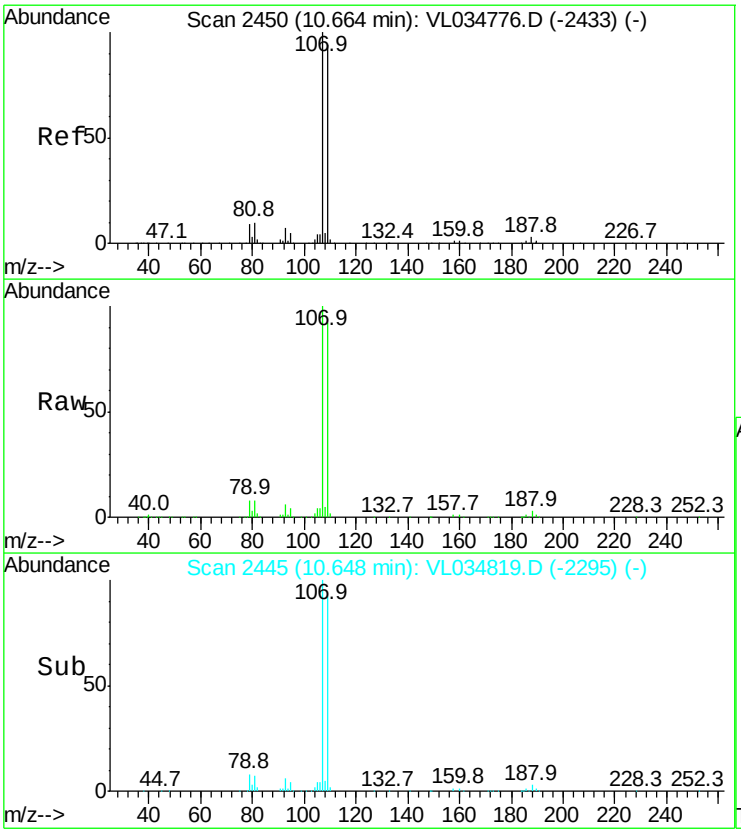
#53
Toluene
Concen: 9.985 ppbv
RT: 9.84 min Scan# 2193
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 1841121

Ion	Ratio	Lower	Upper
91	100		
92	60.7	48.2	72.2

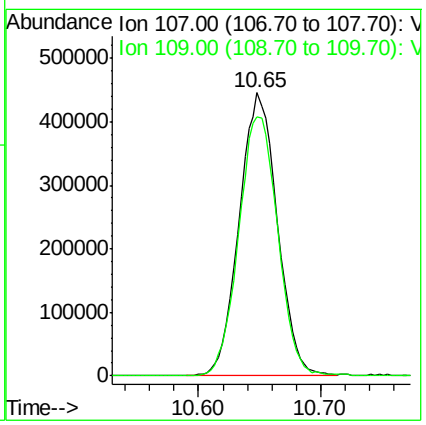


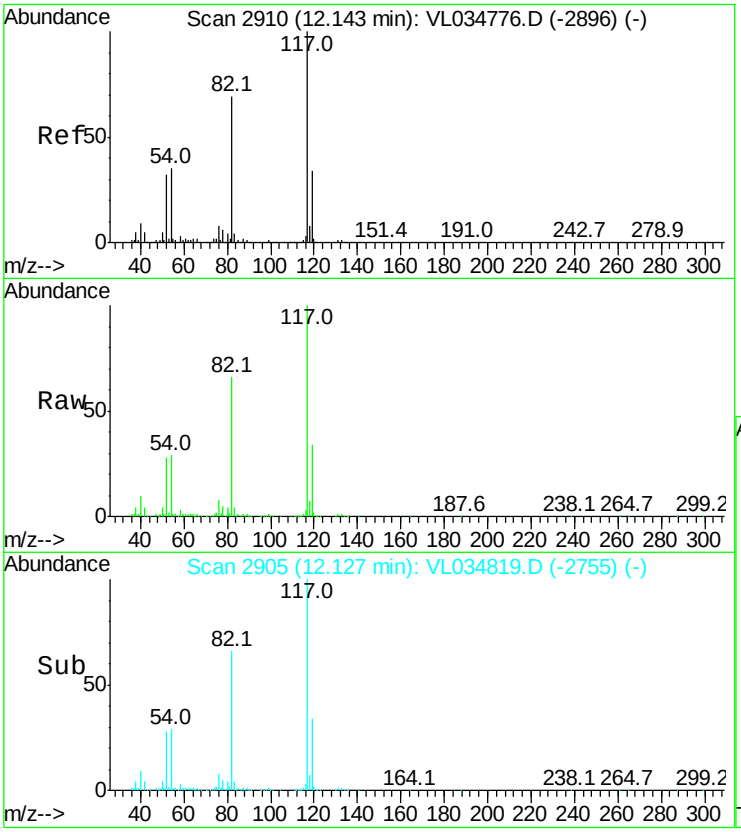


#54
1,2-Dibromoethane
Concen: 8.728 ppbv
RT: 10.65 min Scan# 2445
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:107 Resp: 957935

Ion	Ratio	Lower	Upper
107	100		
109	91.6	75.0	112.6



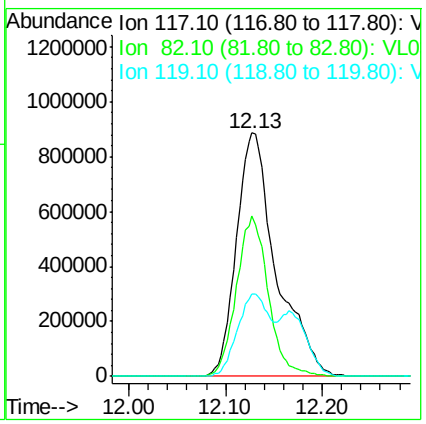


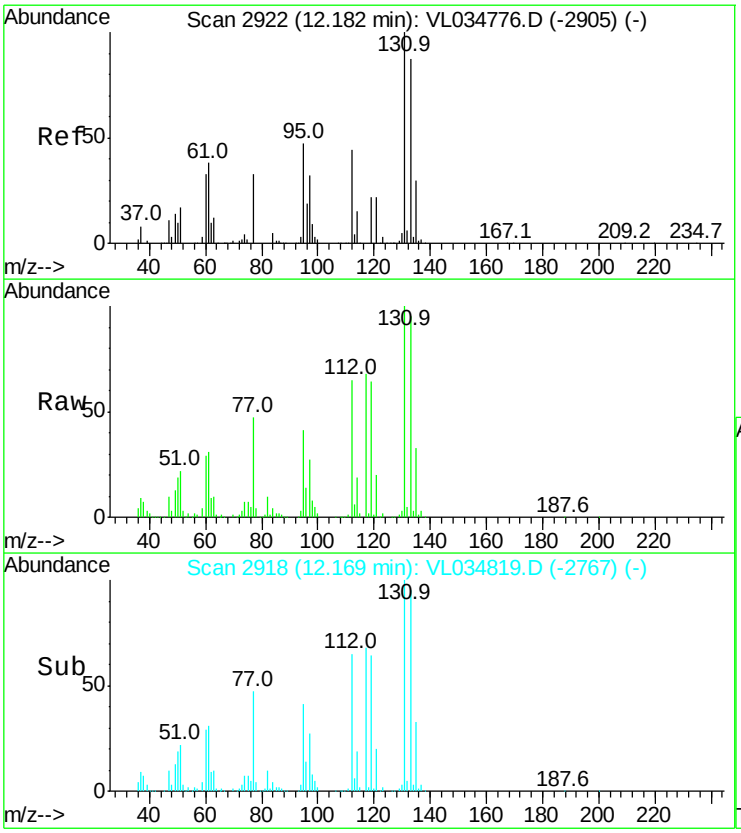
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:117 Resp: 2531315

Ion	Ratio	Lower	Upper
117	100		
82	52.9	53.9	80.9#
119	46.2	25.0	37.4#

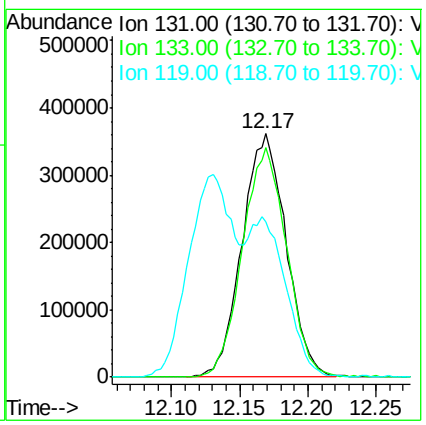


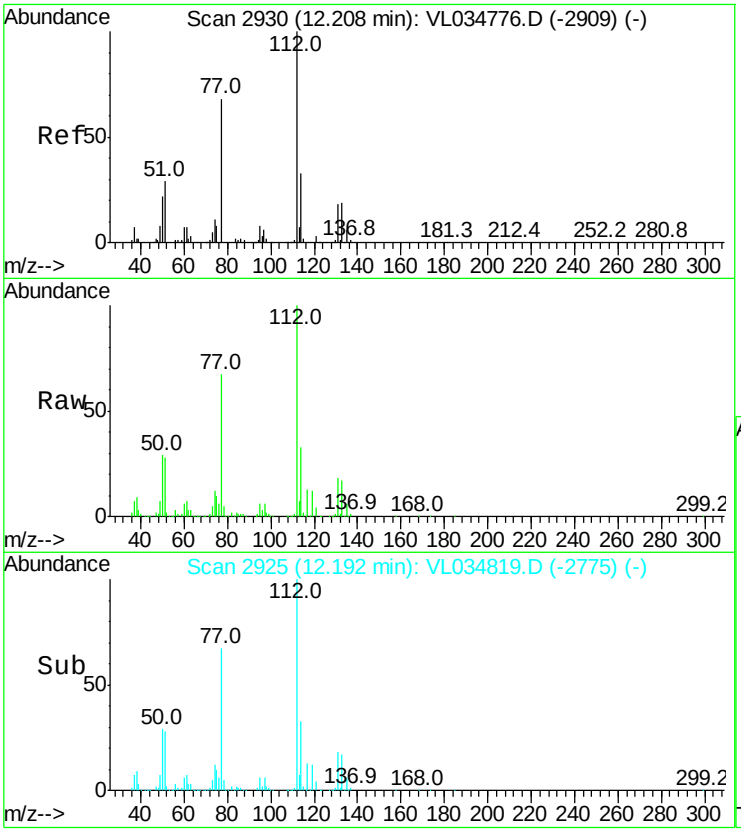


#56
1,1,1,2-Tetrachloroethane
Concen: 7.206 ppbv
RT: 12.17 min Scan# 2918
Delta R.T. -0.01 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion:131 Resp: 808185

Ion	Ratio	Lower	Upper
131	100		
133	95.1	75.4	113.0
119	60.1	110.5	165.7#



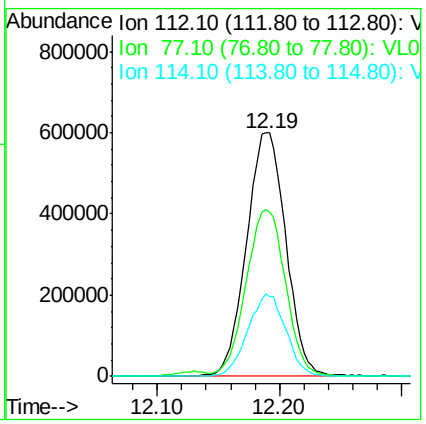


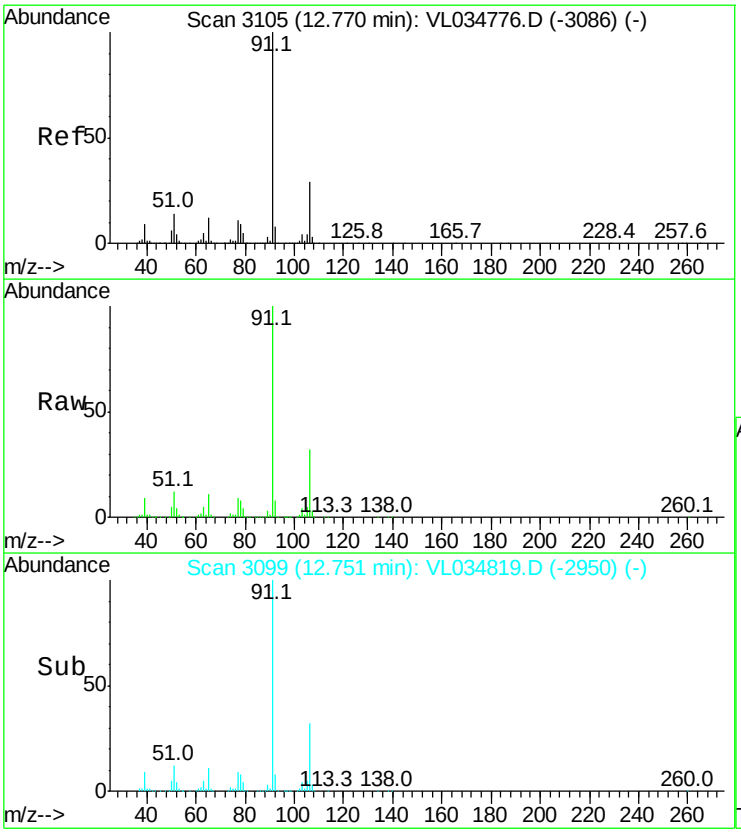
#57
Chlorobenzene
Concen: 6.910 ppbv
RT: 12.19 min Scan# 2925
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 1336134

Ion	Ratio	Lower	Upper
112	100		
77	67.1	55.6	83.4
114	32.6	29.4	36.0





#58
Ethyl Benzene
Concen: 7.714 ppbv
RT: 12.75 min Scan# 3099
Delta R.T. -0.02 min
Lab File: VL034819.D
Acq: 6 Mar 2020 15:57

Tgt Ion: 91 Resp: 2406404

Ion	Ratio	Lower	Upper
91	100		
106	32.3	22.8	34.2