Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035860.D
Acq On : 5 Nov 2020 13:57
Operator : SY/AP
Sample : VL1105ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Quant Time: Nov 06 00:27:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.65	49	950511	10.00	ppbv		-0.02
33) 1,4-Difluorobenzene	7.16	114	3662292	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.07	117	4468646	10.00	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.40	95	2543175	8.01	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 80.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	1719574	9.609	ppbv		99
3) Chlorodifluoromethane	2.97	51	1169971	10.279	ppbv		98
4) Chloromethane	3.12	50	556751	10.068	ppbv		100
5) Vinyl Chloride	3.24	62	714844	10.141	ppbv		96
6) Bromomethane	3.45	94	586144	10.339	ppbv		100
7) Chloroethane	3.54	64	260642	10.506	ppbv		99
8) Dichlorotetrafluoroethane	3.17	85	2047515	9.997	ppbv		99
9) Propene	2.99	41	428767	10.292	ppbv		98
10) Heptane	8.10	43	1277112	11.098	ppbv		99
11) Trichlorofluoromethane	3.93	101	2488009	11.072	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1804131	10.784	ppbv		99
13) Ethanol	3.59	45	29407	3.254	ppbv	#	32
14) Bromoethene	3.72	108	764267	9.926	ppbv		99
15) Acetone	3.83	43	984902	9.692	ppbv		98
16) 1,3-Butadiene	3.30	39	463569	10.596	ppbv		97
17) tert-Butyl alcohol	4.27	59	1136083	8.436	ppbv		100
18) 1,1-Dichloroethene	4.27	96	810906	10.557	ppbv		95
19) Isopropyl Alcohol	3.94	45	498266	7.979	ppbv	#	96
20) Methylene Chloride	4.32	84	671530	9.387	ppbv		99
21) Allyl Chloride	4.39	41	596878	10.862	ppbv		98
22) trans-1,2-Dichloroethene	4.86	96	827319	10.624	ppbv		98
23) Vinyl Acetate	5.05	43	1365410	9.586	ppbv		99
24) 1,1-Dichloroethane	4.99	63	1392371	10.260	ppbv		100
25) Ethyl Acetate	5.65	43	2160151	10.791	ppbv		99
26) Hexane	5.66	57	1129011	10.226	ppbv		97
27) Carbon Disulfide	4.53	76	1737195	10.501	ppbv		99
28) Methyl tert-Butyl Ether	5.01	73	1918836	9.678	ppbv		100
29) Chloroform	5.73	83	2262759	10.428	ppbv		97
30) Cyclohexane	7.11	84	1195986	9.946	ppbv		98
31) cis-1,2-Dichloroethene	5.53	61	1188841	10.467	ppbv		97
32) 1,1,1-Trichloroethane	6.49	97	2206393	9.744	ppbv		99
34) 2-Butanone	5.22	43	1360204	11.444	ppbv		97
35) Carbon Tetrachloride	7.00	117	2217603	11.333	ppbv		97
36) Benzene	6.87	78	2829174	10.391	ppbv		99
37) 1,2-Dichloroethane	6.28	62	1425197	11.555	ppbv		98
38) Trichloroethene	7.81	130	1316164	9.897	ppbv		97
39) 1,2-Dichloropropane	7.59	63	986579	10.763	ppbv		98
40) 1,4-Dioxane	7.81	88	367209	8.452	ppbv	#	1
41) Tetrahydrofuran	6.02	42	788202	11.673	ppbv		99
42) Bromodichloromethane	7.77	83	2304984	11.075	ppbv		99
43) Methyl Methacrylate	7.99	69	1169991	11.266	ppbv		97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035860.D
Acq On : 5 Nov 2020 13:57
Operator : SY/AP
Sample : VL1105ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Quant Time: Nov 06 00:27:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.85	57	3919052	10.877	ppbv		99
45) t-1,3-Dichloropropene	9.26	75	1233260	11.202	ppbv		98
46) cis-1,3-Dichloropropene	8.68	75	1526254	10.947	ppbv		98
47) 1,1,2-Trichloroethane	9.46	97	1320452	10.572	ppbv		98
48) Dibromochloromethane	10.28	129	2163141	11.336	ppbv		100
49) Bromoform	13.02	173	1829483	11.362	ppbv		99
50) 4-Methyl-2-Pentanone	8.72	43	2143734	11.795	ppbv		99
51) 2-Hexanone	10.11	43	1737525	11.901	ppbv		98
52) Tetrachloroethene	11.20	164	1235970	9.582	ppbv		99
53) Toluene	9.79	91	3461528	10.537	ppbv		100
54) 1,2-Dibromoethane	10.59	107	2009792	10.581	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.11	131	1688597	8.419	ppbv	#	93
57) Chlorobenzene	12.13	112	2789453	7.851	ppbv		99
58) Ethyl Benzene	12.69	91	4484153	8.239	ppbv		97
59) m/p-Xylene	12.98	91	4316214	9.374	ppbv	#	46
60) o-Xylene	13.67	91	3712124	8.287	ppbv		99
61) Styrene	13.51	104	2782407	8.478	ppbv		99
62) Isopropylbenzene	14.65	105	5604416	7.960	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.66	83	2624233	7.561	ppbv		99
64) n-propylbenzene	15.55	120	1624519	7.983	ppbv		95
65) tert-Butylbenzene	16.73	119	4983067	7.776	ppbv		100
66) Benzyl Chloride	16.97	91	1624909	7.671	ppbv		98
67) sec-Butylbenzene	17.28	105	6740181	7.805	ppbv		99
69) p-Isopropyltoluene	17.63	119	5578444	7.828	ppbv		99
70) n-Butylbenzene	18.53	91	5428139	7.909	ppbv		99
71) 2-Chlorotoluene	15.44	91	4182640	8.122	ppbv		98
72) 4-Ethyltoluene	15.82	105	4412309	8.122	ppbv		100
73) 1,3,5-Trimethylbenzene	15.98	105	4042720	8.131	ppbv		97
74) 1,2,4-Trimethylbenzene	16.74	105	4212124	7.907	ppbv		97
75) 1,3-Dichlorobenzene	16.98	146	2613106	7.704	ppbv		100
76) 1,4-Dichlorobenzene	17.12	146	2565642	7.841	ppbv		99
77) 1,2-Dichlorobenzene	17.80	146	2530995	7.655	ppbv		99
78) Hexachloro-1,3-Butadiene	23.36	225	1213840	7.868	ppbv		100
79) Naphthalene	22.17	128	2844100	7.659	ppbv		100
80) Naphthalene,2-methyl-	24.97	142	316318	5.227	ppbv		98
81) 1,2,4-Trichlorobenzene	21.91	180	1537941	7.413	ppbv		98

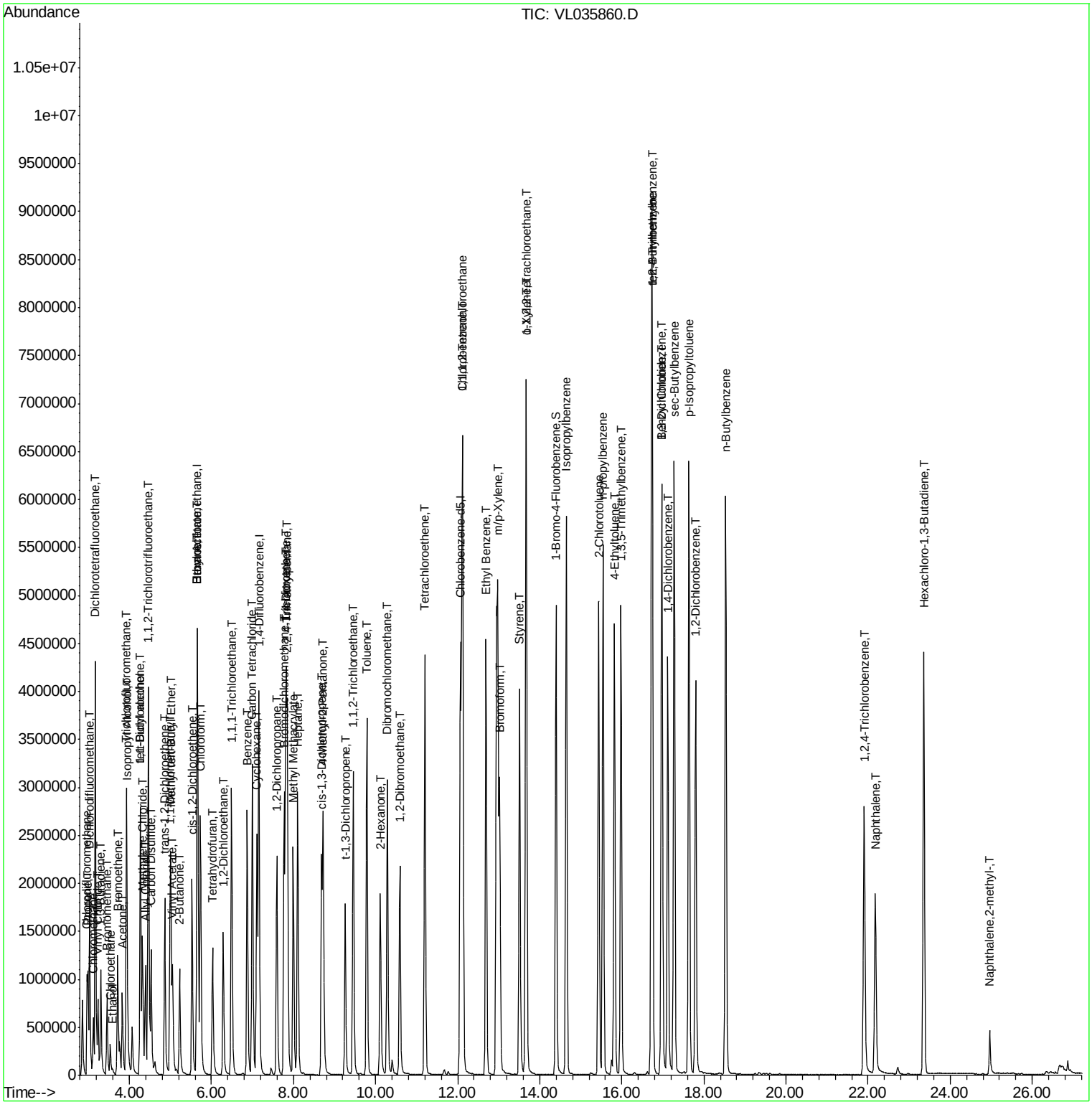
(#) = qualifier out of range (m) = manual integration (+) = signals summed

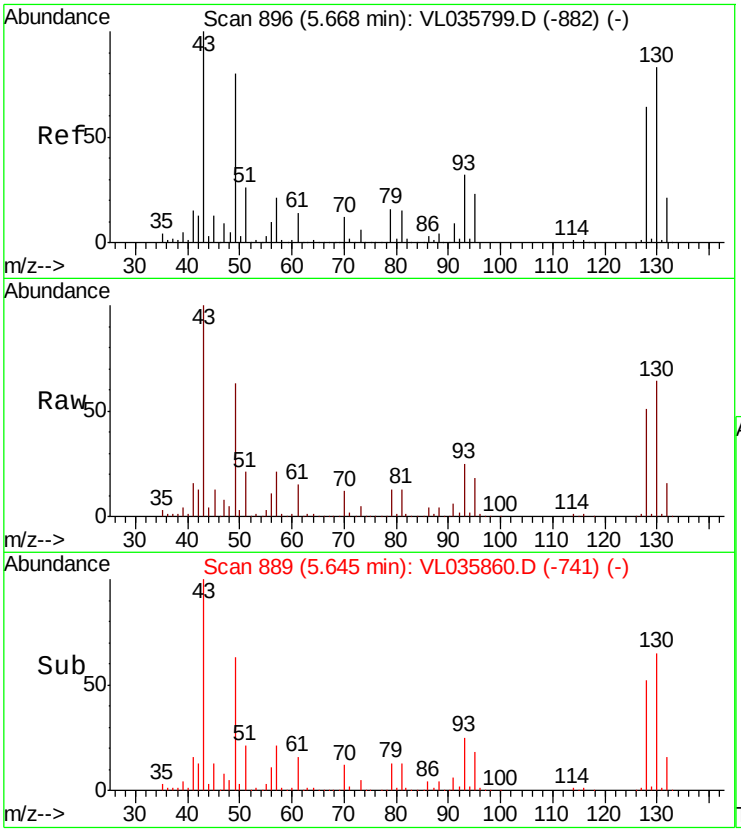
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL110520\
Data File : VL035860.D
Acq On : 5 Nov 2020 13:57
Operator : SY/AP
Sample : VL1105ABS01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Quant Time: Nov 06 00:27:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration



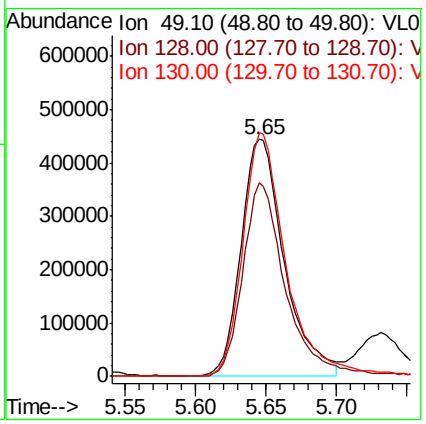


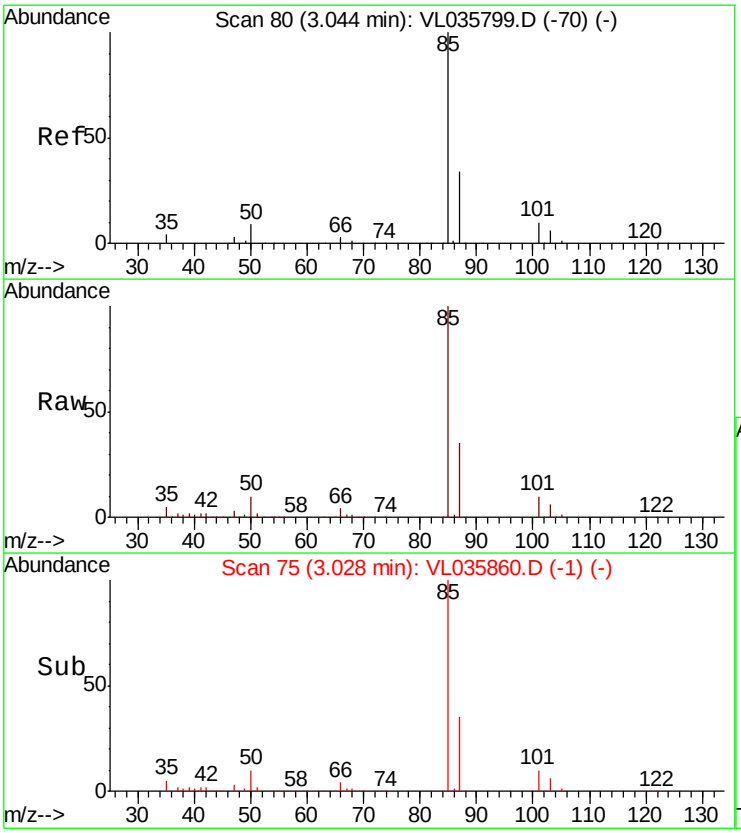
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 49 Resp: 950511

Ion	Ratio	Lower	Upper
49	100		
128	82.1	41.5	124.6
130	104.4	53.7	161.1

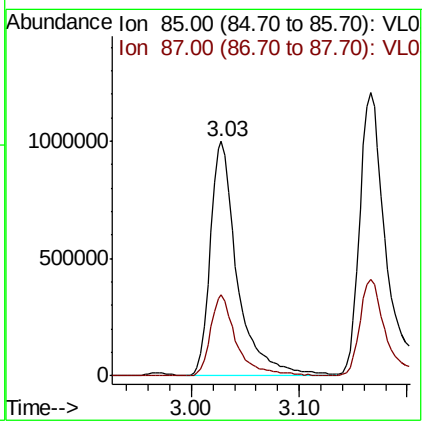


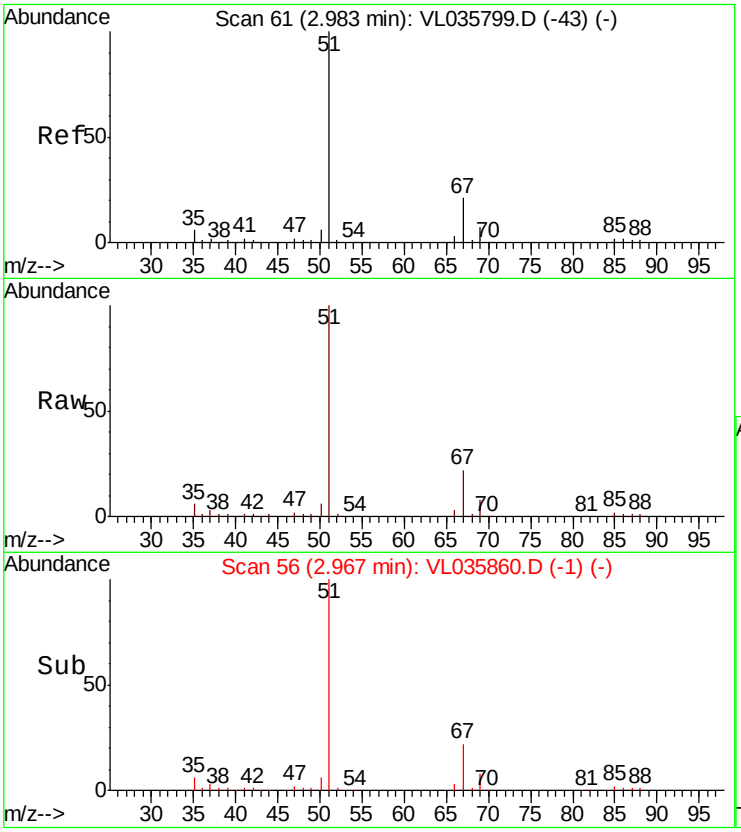


#2
Dichlorodifluoromethane
Concen: 9.609 ppbv
RT: 3.03 min Scan# 75
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 85 Resp: 1719574

Ion	Ratio	Lower	Upper
85	100		
87	34.5	27.1	40.7



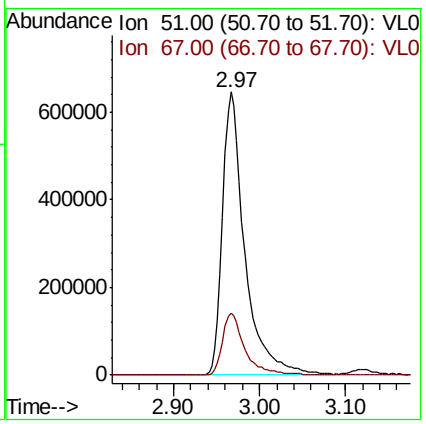


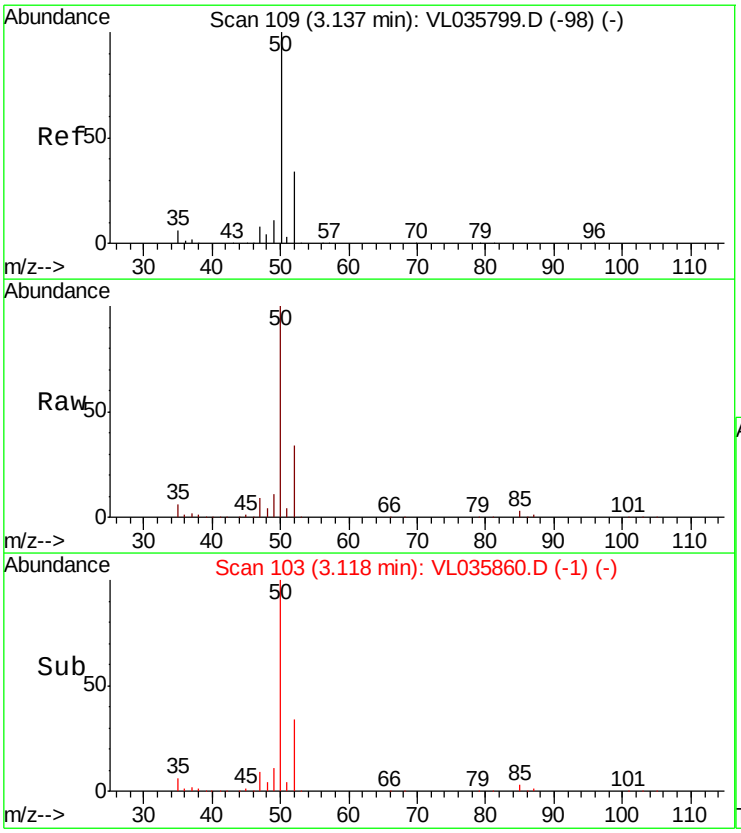
#3
Chlorodifluoromethane
Concen: 10.279 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 51 Resp: 1169971

Ion	Ratio	Lower	Upper
51	100		
67	22.0	17.0	25.4

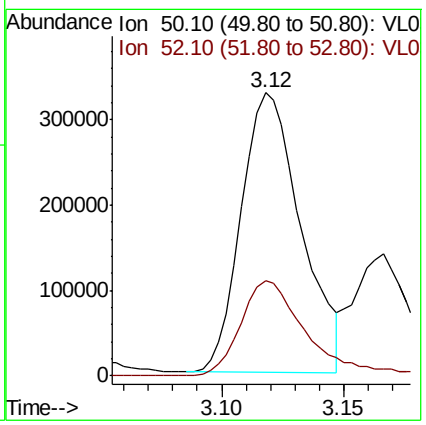


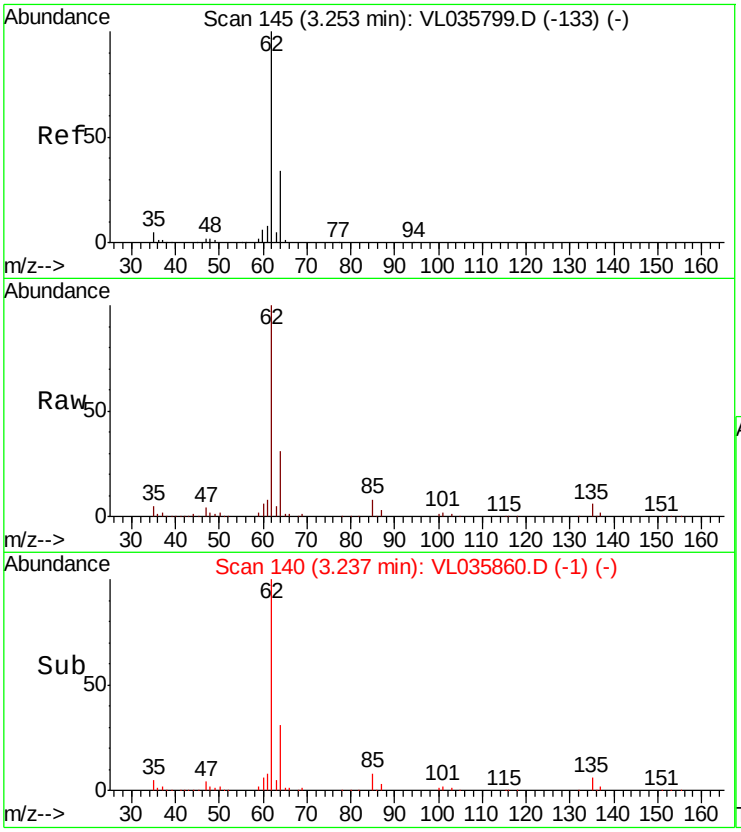


#4
Chloromethane
Concen: 10.068 ppbv
RT: 3.12 min Scan# 103
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 50 Resp: 556751

Ion	Ratio	Lower	Upper
50	100		
52	34.1	27.1	40.7



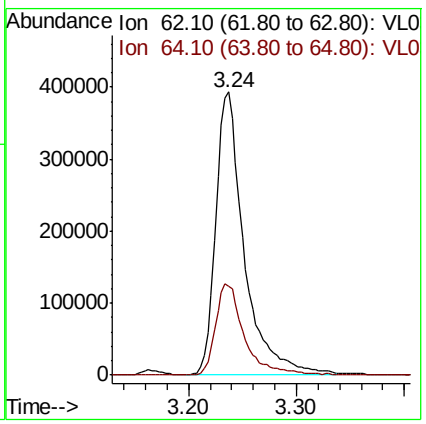


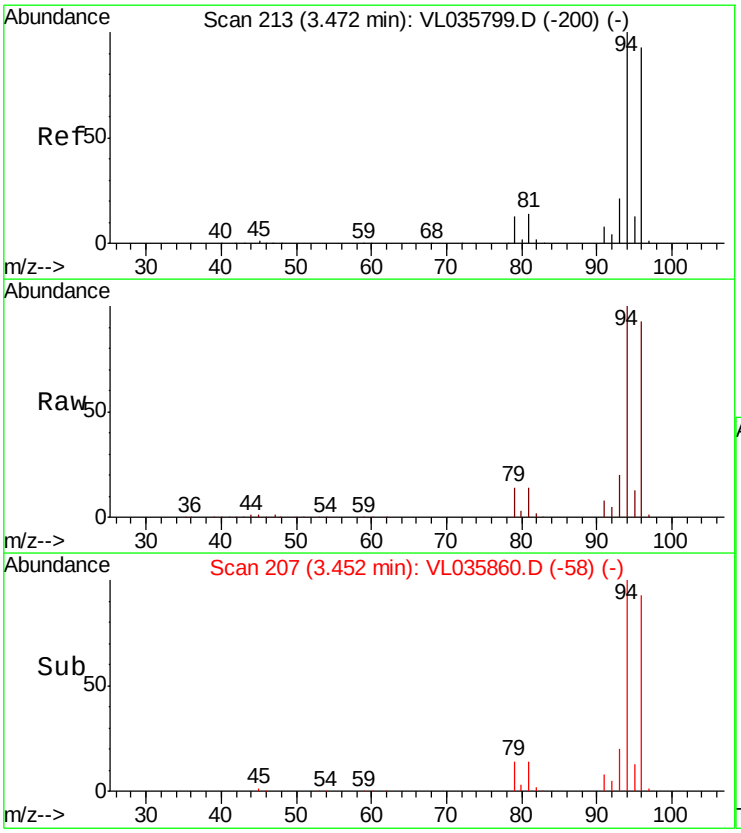
#5
Vinyl Chloride
Concen: 10.141 ppbv
RT: 3.24 min Scan# 140
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 62 Resp: 714844

Ion	Ratio	Lower	Upper
62	100		
64	31.3	26.9	40.3

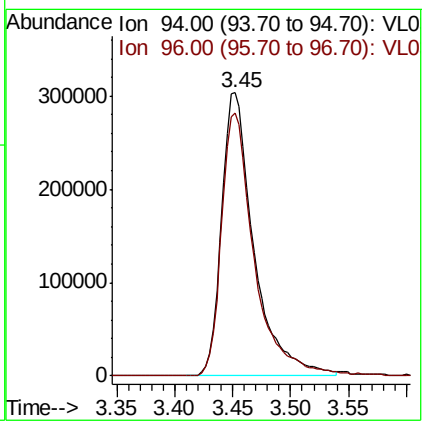


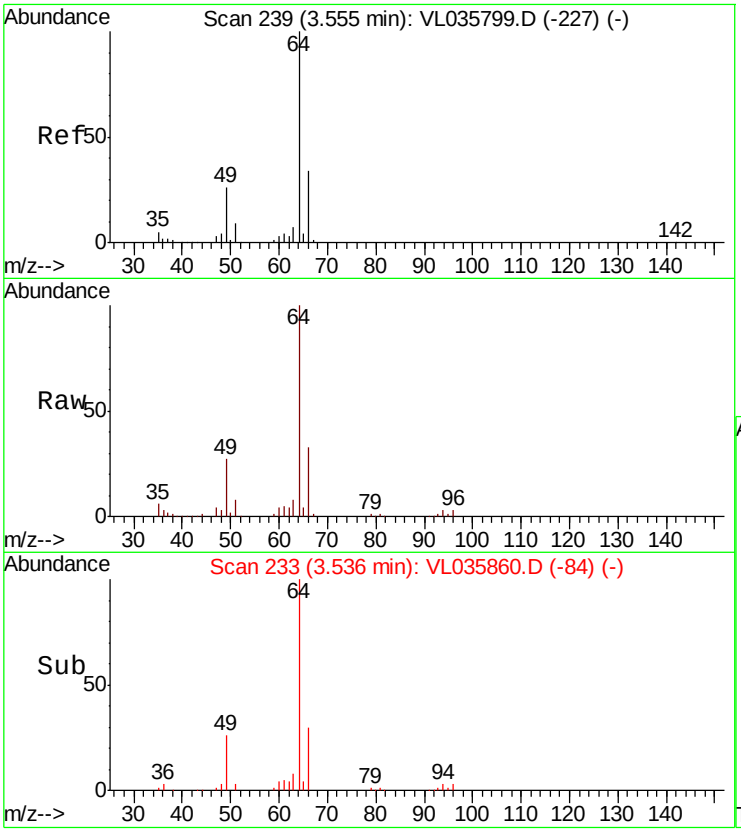


#6
Bromomethane
Concen: 10.339 ppbv
RT: 3.45 min Scan# 207
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 94 Resp: 586144

Ion	Ratio	Lower	Upper
94	100		
96	92.8	74.6	111.8



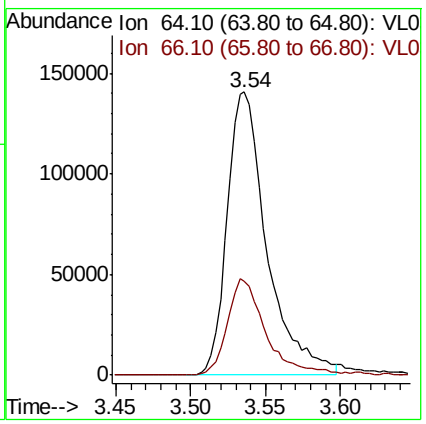


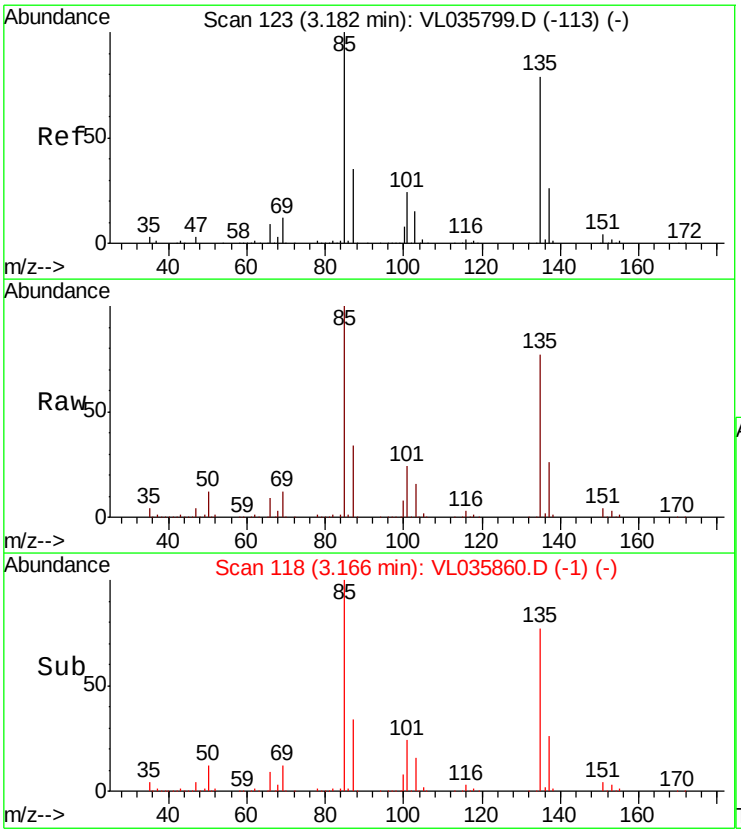
#7
Chloroethane
Concen: 10.506 ppbv
RT: 3.54 min Scan# 233
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 64 Resp: 260642

Ion	Ratio	Lower	Upper
64	100		
66	33.3	27.0	40.6

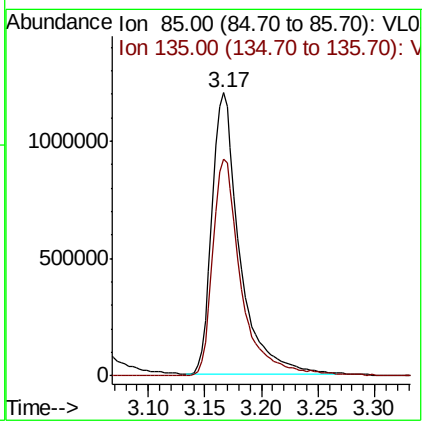


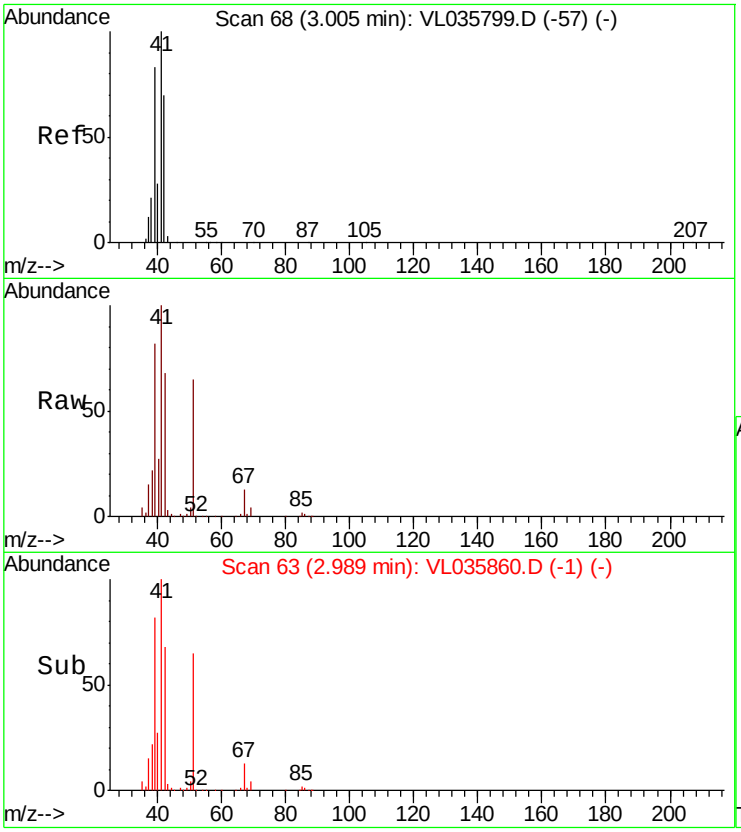


#8
Dichlorotetrafluoroethane
Concen: 9.997 ppbv
RT: 3.17 min Scan# 118
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 85 Resp: 2047515

Ion	Ratio	Lower	Upper
85	100		
135	80.1	64.6	96.8



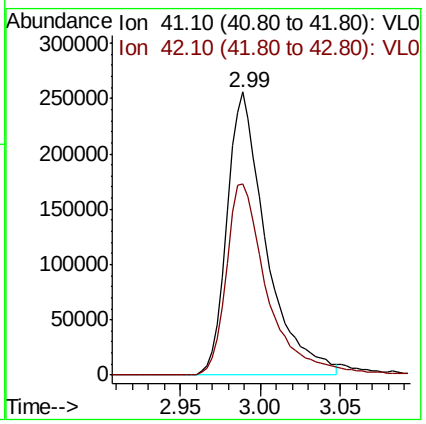


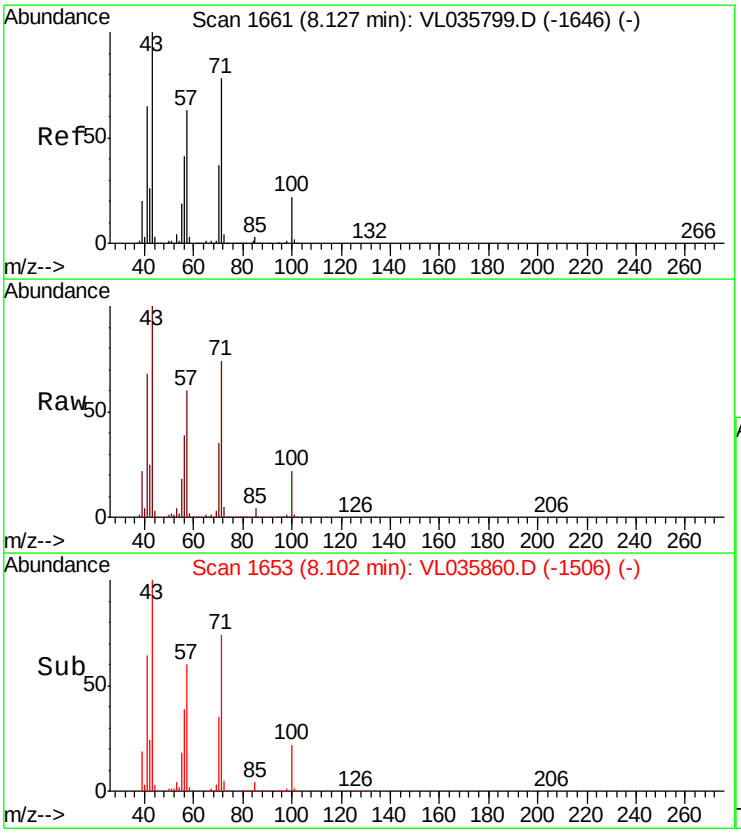
#9
Propene
Concen: 10.292 ppbv
RT: 2.99 min Scan# 63
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 41 Resp: 428767

Ion	Ratio	Lower	Upper
41	100		
42	72.0	56.2	84.4

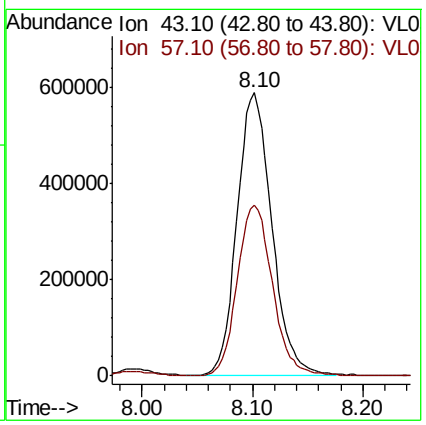


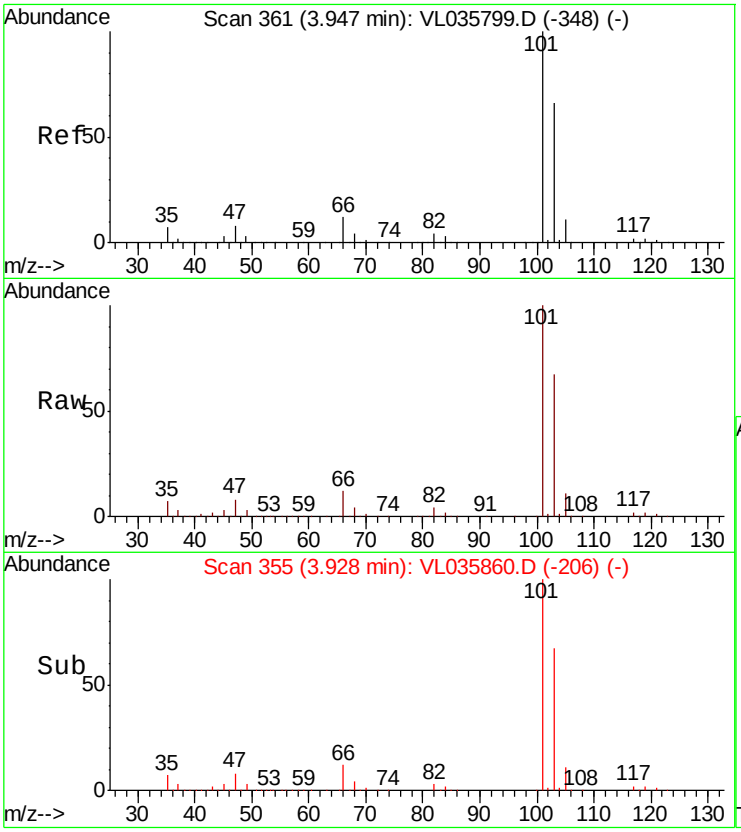


#10
Heptane
Concen: 11.098 ppbv
RT: 8.10 min Scan# 1653
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 43 Resp: 1277112

Ion	Ratio	Lower	Upper
43	100		
57	61.6	50.0	75.0



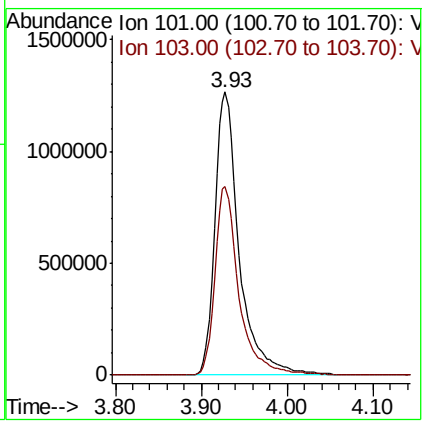


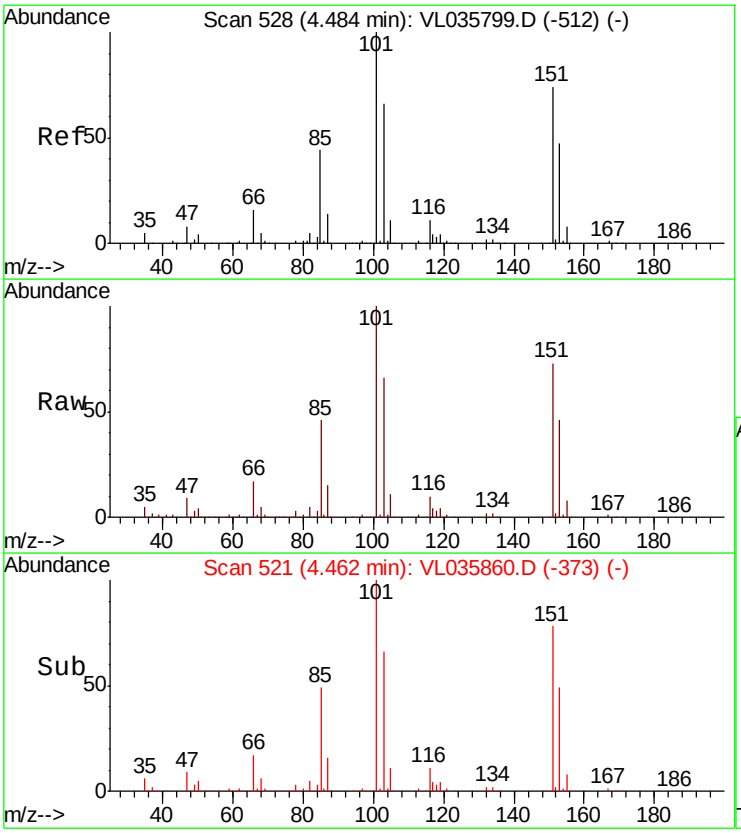
#11
Trichlorofluoromethane
Concen: 11.072 ppbv
RT: 3.93 min Scan# 355
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:101 Resp: 2488009

Ion	Ratio	Lower	Upper
101	100		
103	66.7	53.0	79.4

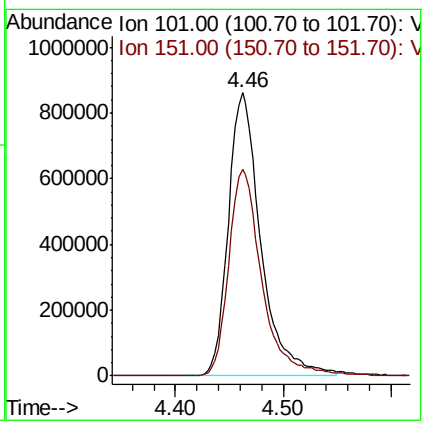


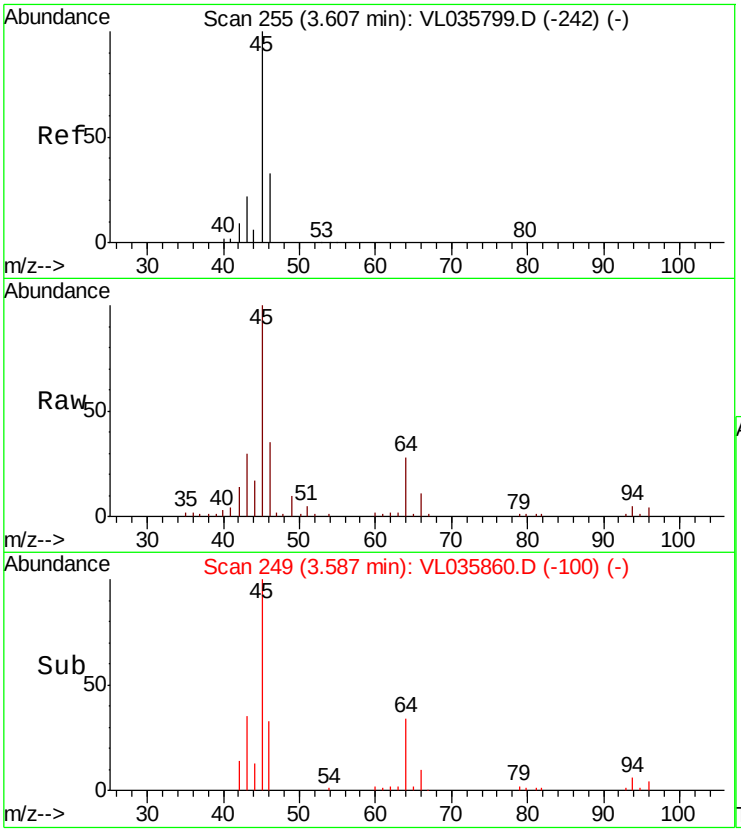


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.784 ppbv
RT: 4.46 min Scan# 521
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:101 Resp: 1804131

Ion	Ratio	Lower	Upper
101	100		
151	74.7	58.9	88.3



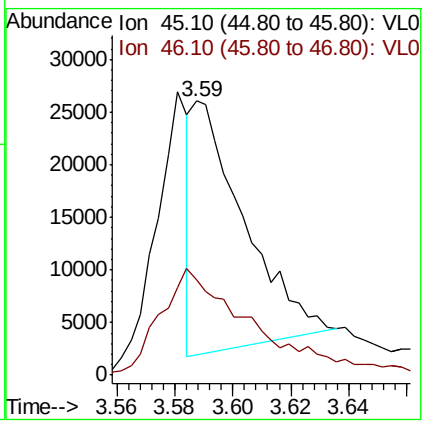


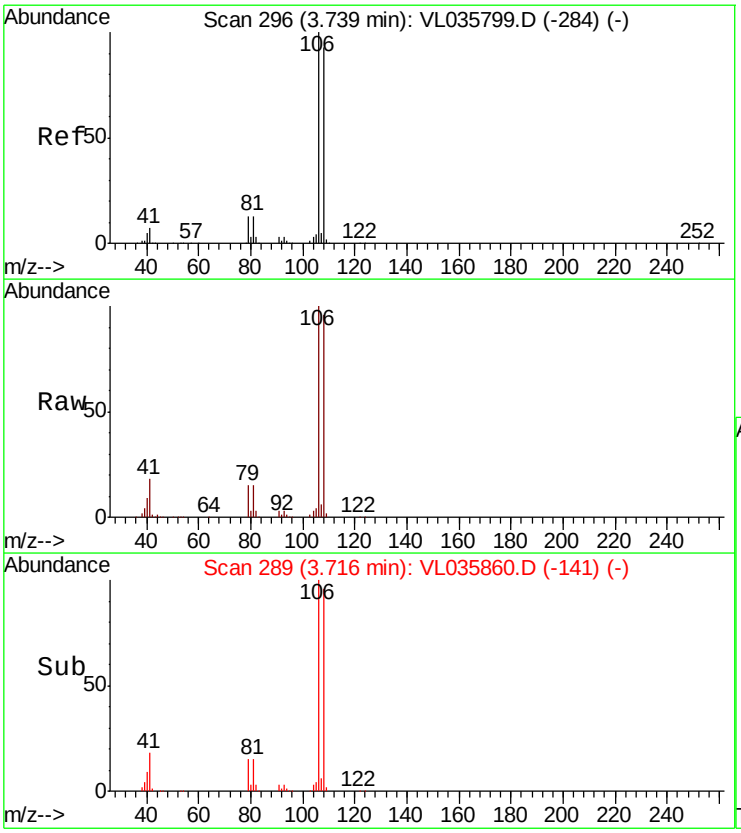
#13
Ethanol
Concen: 3.254 ppbv
RT: 3.59 min Scan# 249
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 45 Resp: 29407

Ion	Ratio	Lower	Upper
45	100		
46	82.4	16.1	64.5#

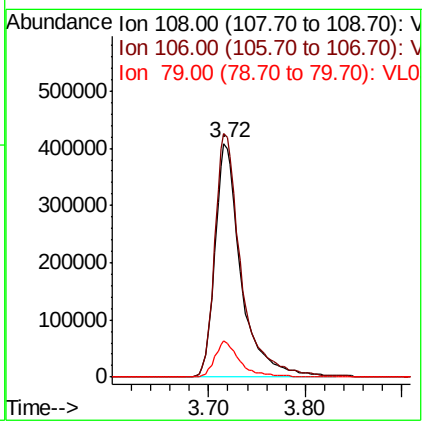


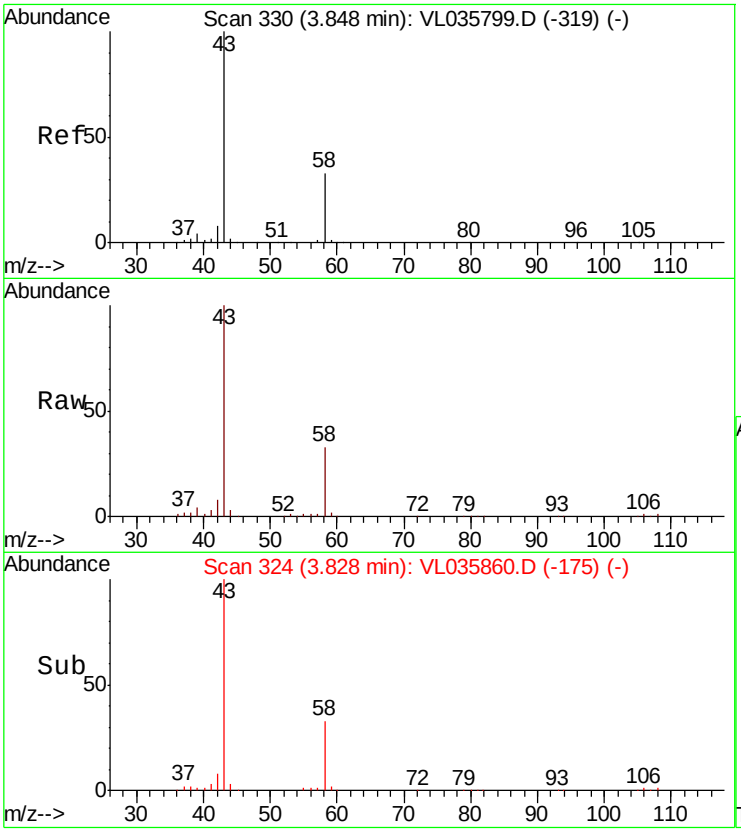


#14
Bromoethene
Concen: 9.926 ppbv
RT: 3.72 min Scan# 289
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:108 Resp: 764267

Ion	Ratio	Lower	Upper
108	100		
106	106.2	85.3	127.9
79	15.5	11.6	17.4



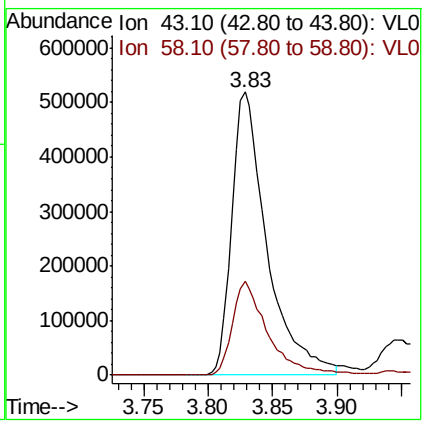


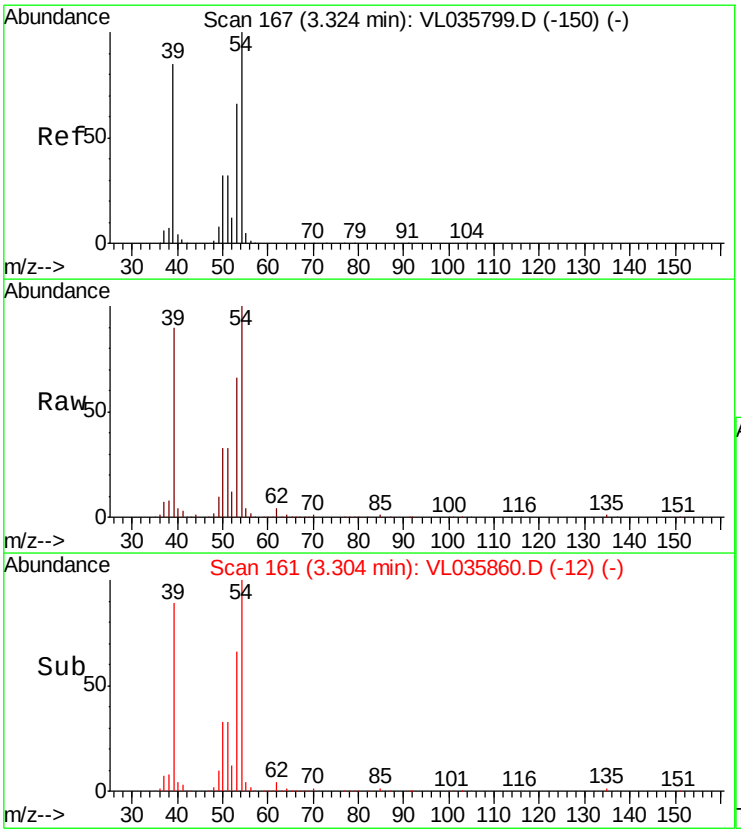
#15
Acetone
Concen: 9.692 ppbv
RT: 3.83 min Scan# 324
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 43 Resp: 984902

Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.5	41.3

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

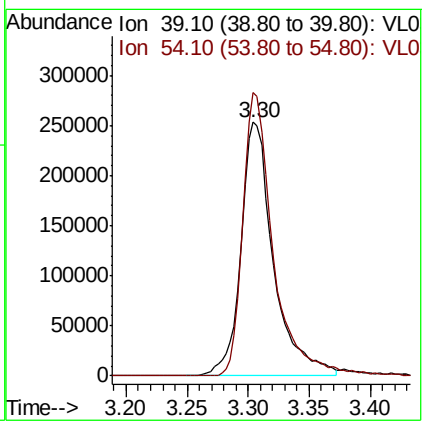


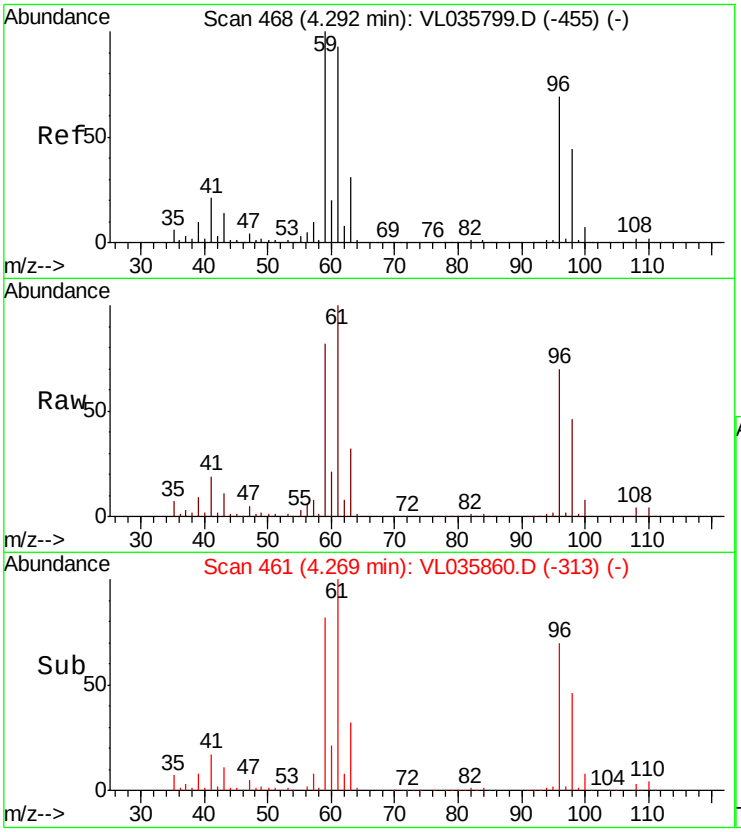


#16
1,3-Butadiene
Concen: 10.596 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 39 Resp: 463569

Ion	Ratio	Lower	Upper
39	100		
54	105.9	87.1	130.7



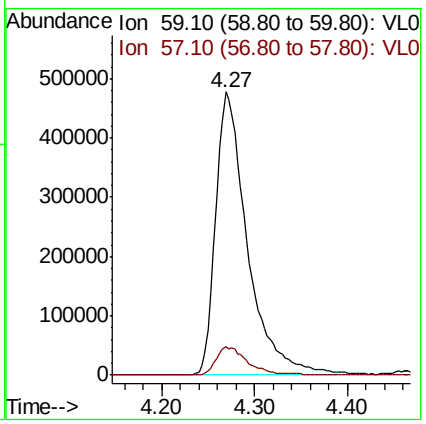


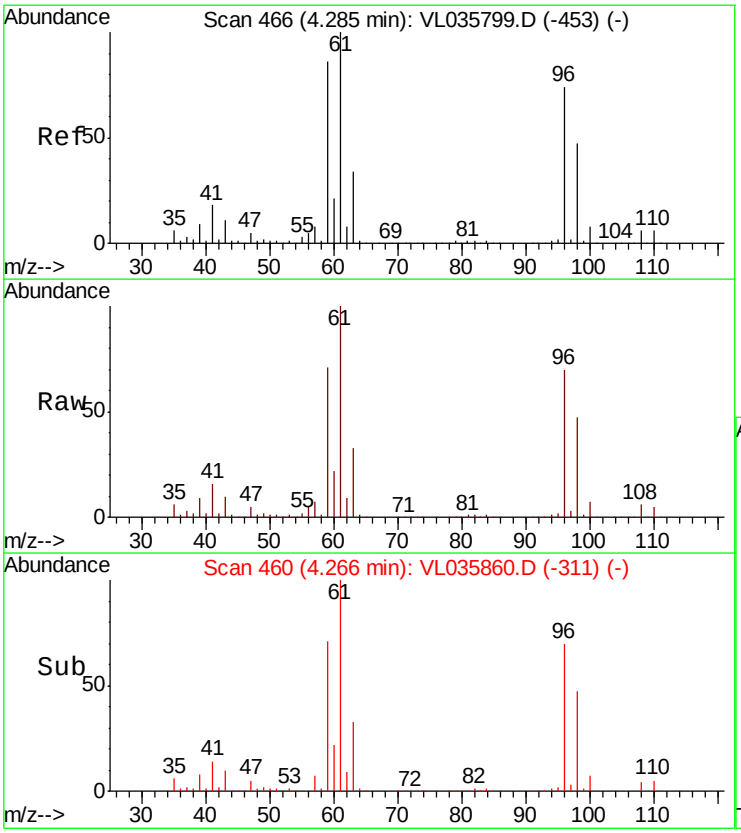
#17
tert-Butyl alcohol
Concen: 8.436 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 59 Resp: 1136083

Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

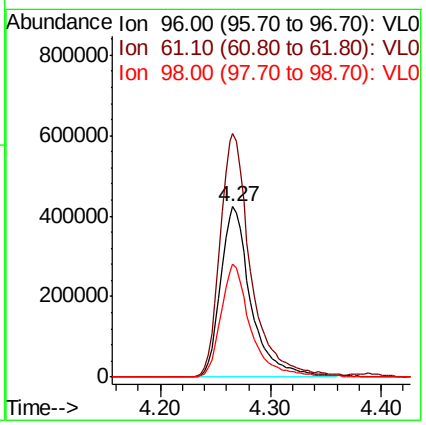


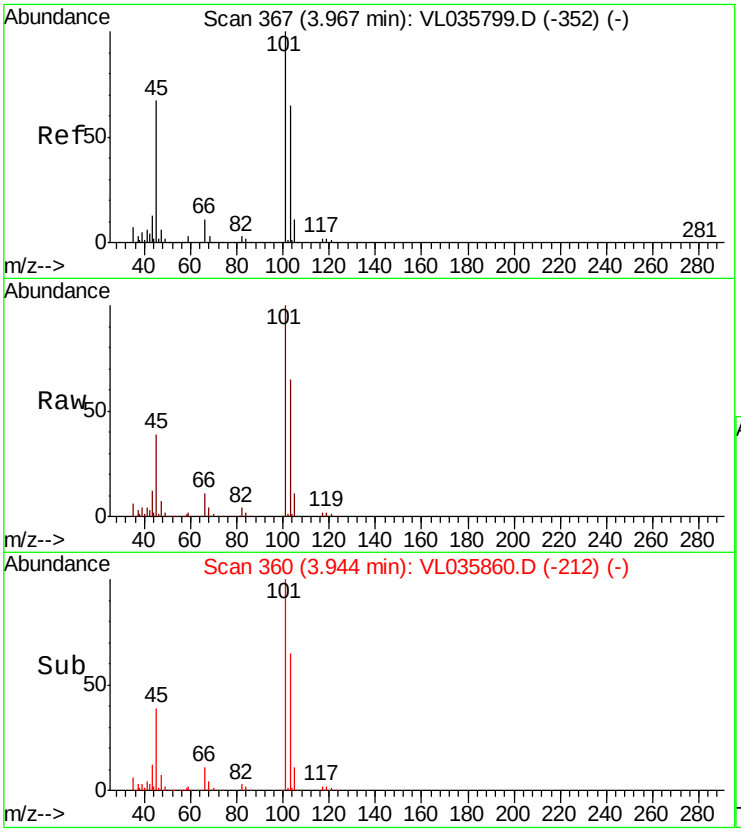


#18
1,1-Dichloroethene
Concen: 10.557 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 96 Resp: 810906

Ion	Ratio	Lower	Upper
96	100		
61	142.9	108.5	162.7
98	66.5	50.7	76.1



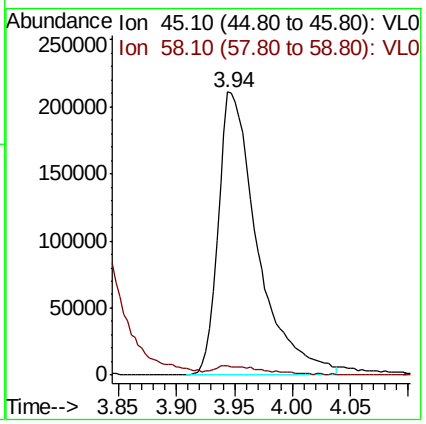


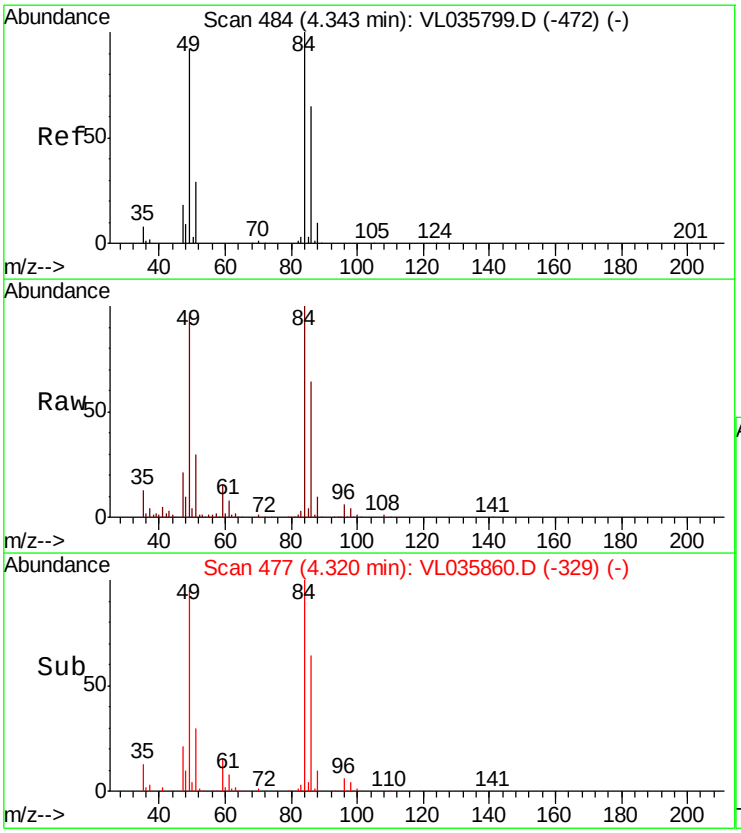
#19
Isopropyl Alcohol
Concen: 7.979 ppbv
RT: 3.94 min Scan# 360
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 45 Resp: 498266

Ion	Ratio	Lower	Upper
45	100		
58	4.5	2.6	3.8#

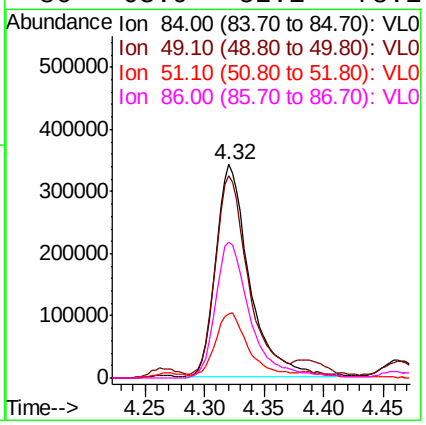


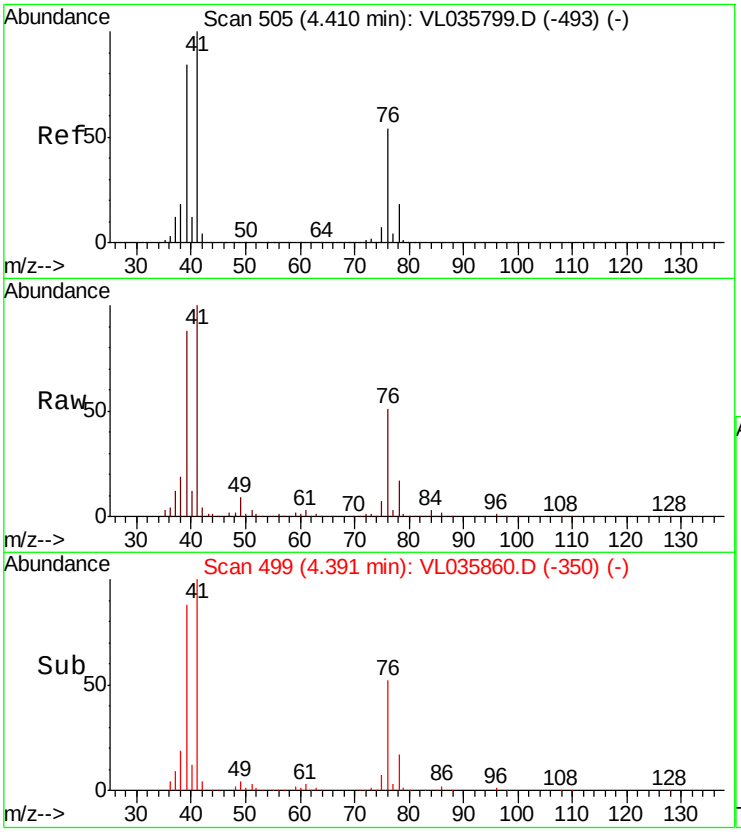


#20
Methylene Chloride
Concen: 9.387 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 84 Resp: 671530

Ion	Ratio	Lower	Upper
84	100		
49	93.4	73.8	110.8
51	29.2	23.0	34.4
86	63.9	52.1	78.1



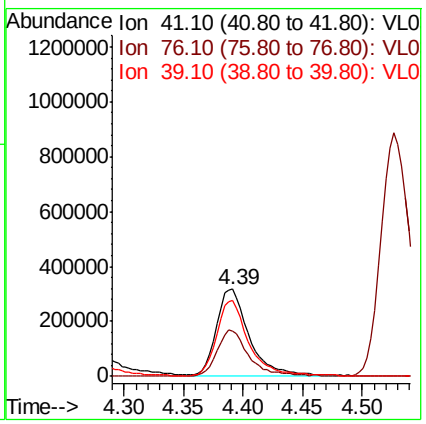


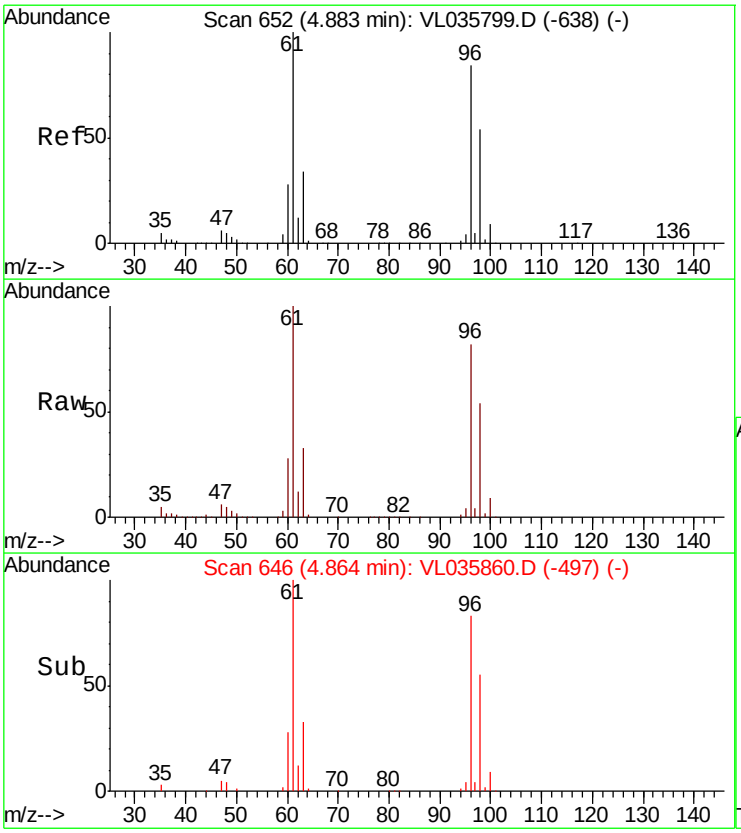
#21
Allyl Chloride
Concen: 10.862 ppbv
RT: 4.39 min Scan# 499
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 41 Resp: 596878

Ion	Ratio	Lower	Upper
41	100		
76	52.3	42.6	63.8
39	86.3	67.0	100.4

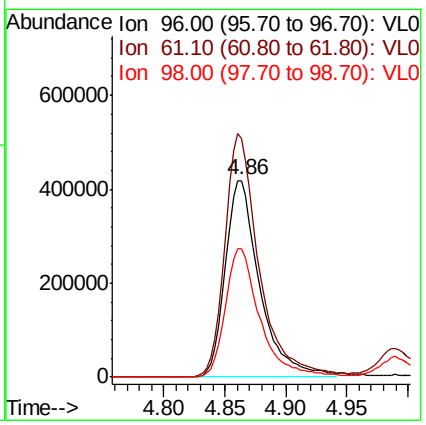


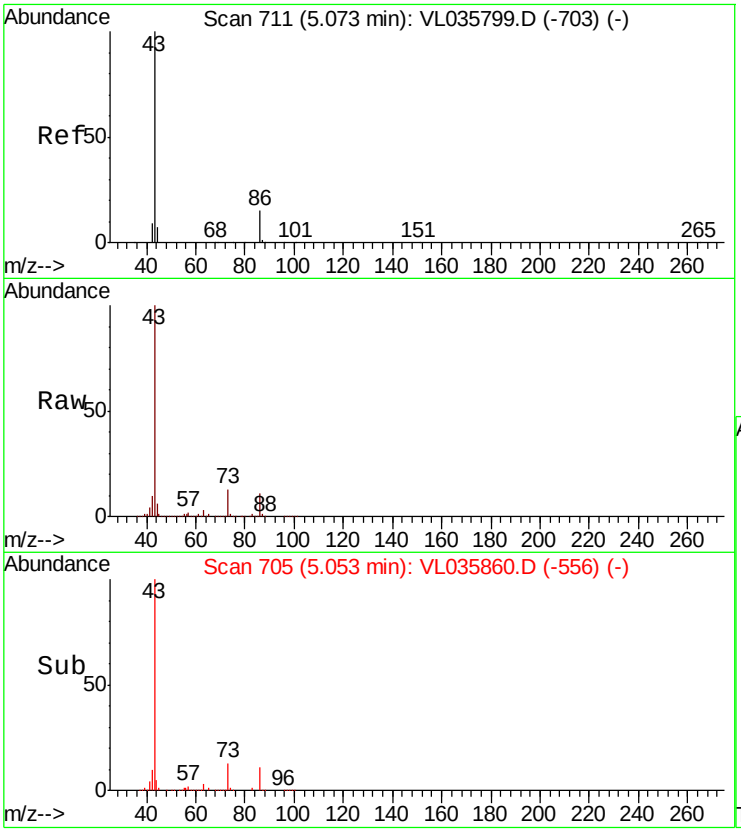


#22
trans-1,2-Dichloroethene
Concen: 10.624 ppbv
RT: 4.86 min Scan# 646
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 96 Resp: 827319

Ion	Ratio	Lower	Upper
96	100		
61	121.4	95.4	143.0
98	65.6	51.8	77.6



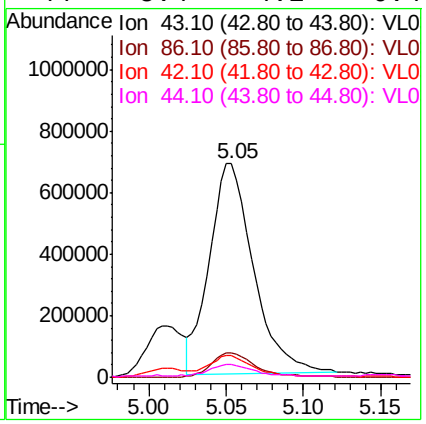


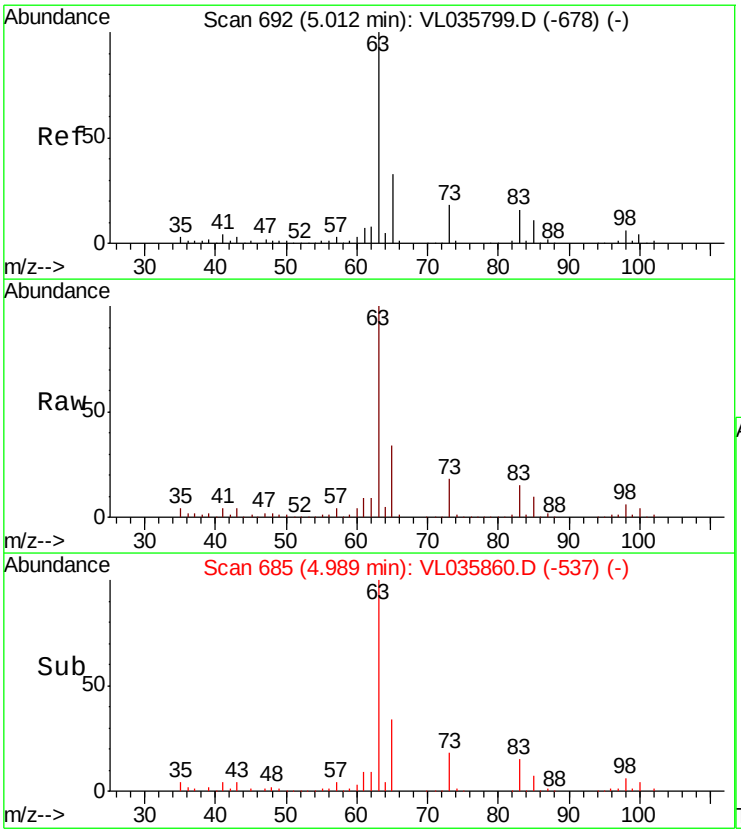
#23
Vinyl Acetate
Concen: 9.586 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 43 Resp: 1365410

Ion	Ratio	Lower	Upper
43	100		
86	11.4	9.8	14.6
42	10.1	8.1	12.1
44	5.4	4.2	6.4

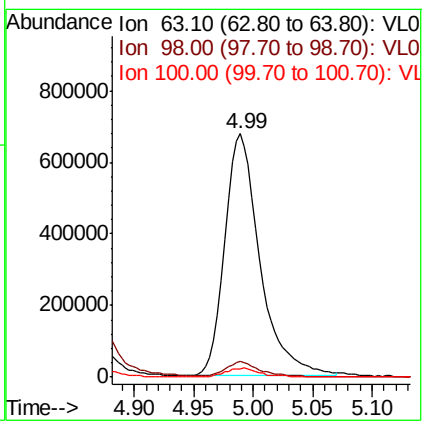


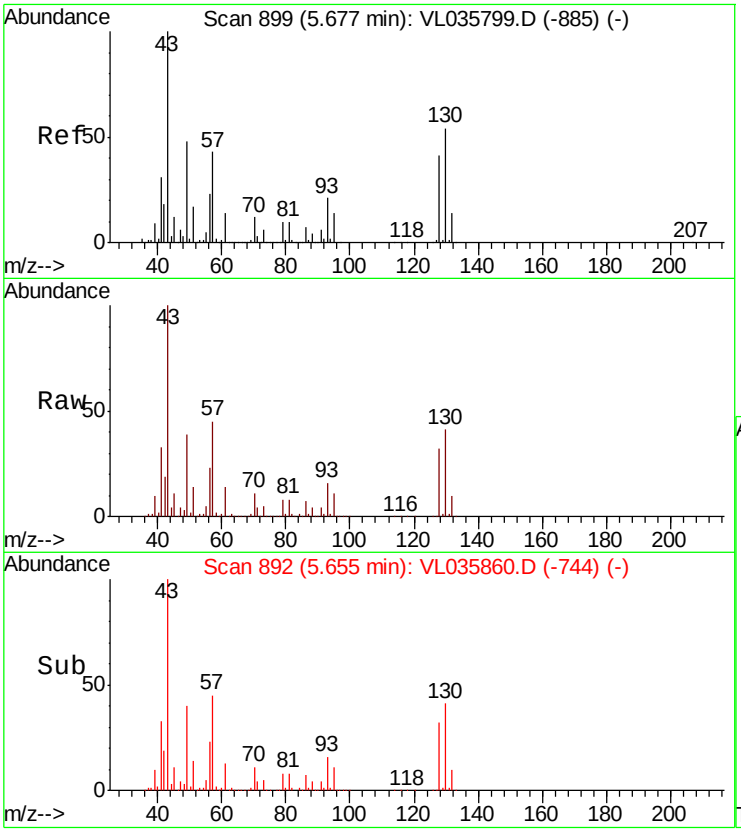


#24
1,1-Dichloroethane
Concen: 10.260 ppbv
RT: 4.99 min Scan# 685
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 63 Resp: 1392371

Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.0	9.2
100	3.5	1.8	5.4



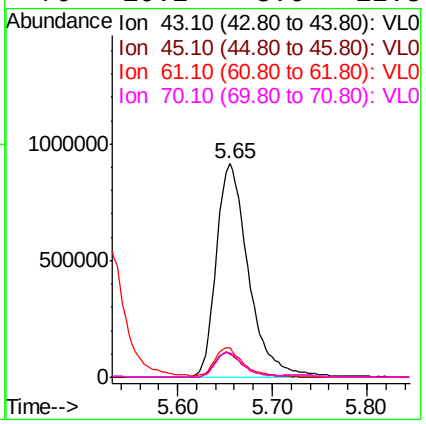


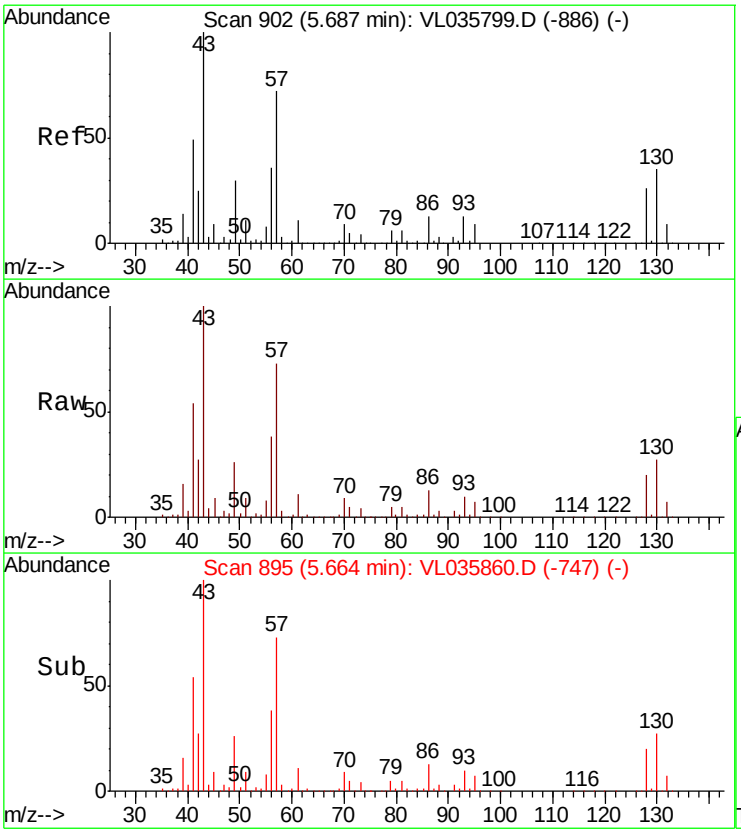
#25
Ethyl Acetate
Concen: 10.791 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 43 Resp: 2160151

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.5	12.7
61	13.1	10.7	16.1
70	10.2	8.6	12.8

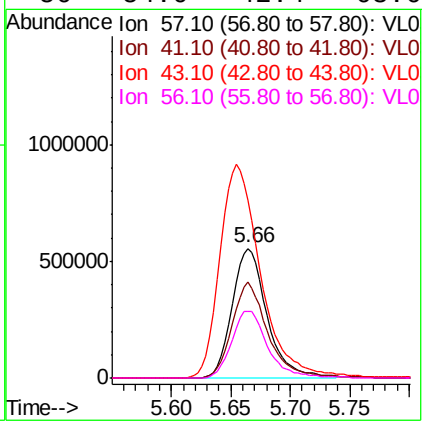


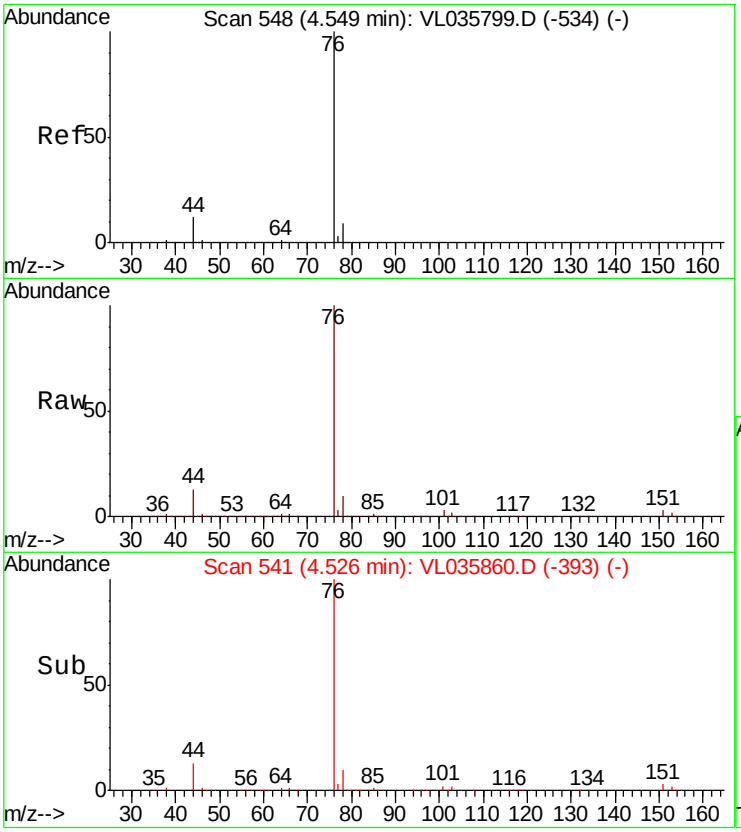


#26
Hexane
Concen: 10.226 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 57 Resp: 1129011

Ion	Ratio	Lower	Upper
57	100		
41	76.1	58.9	88.3
43	193.1	150.2	225.2
56	54.0	42.4	63.6



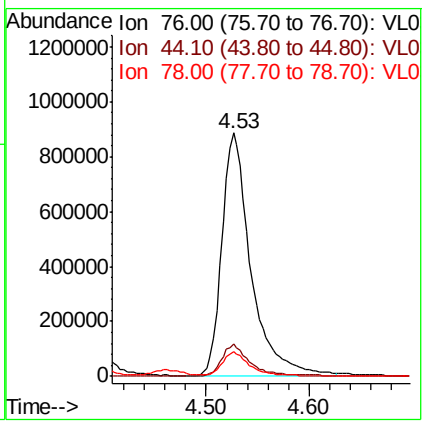


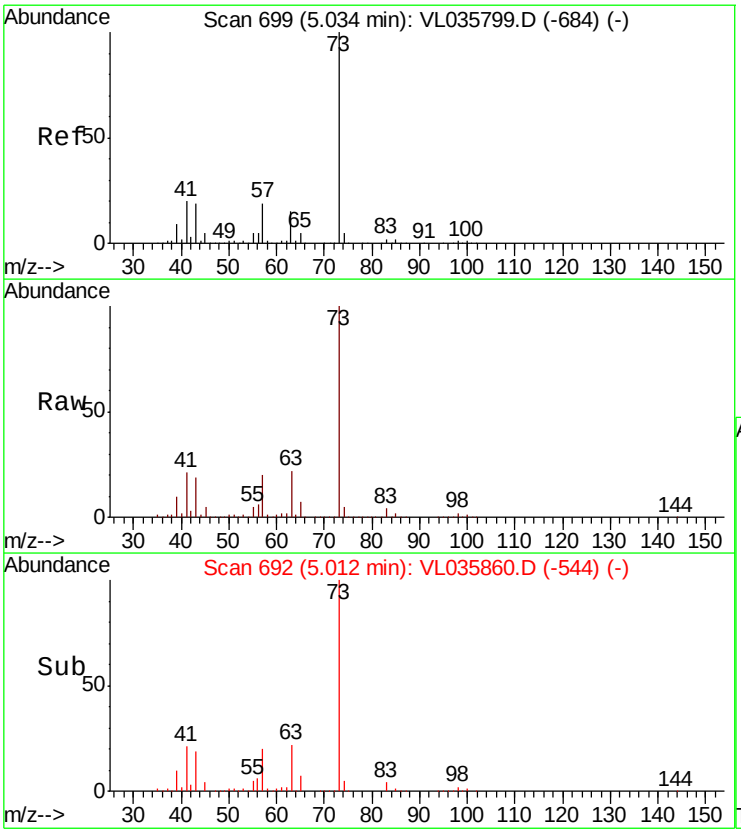
#27
Carbon Disulfide
Concen: 10.501 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 76 Resp: 1737195

Ion	Ratio	Lower	Upper
76	100		
44	12.9	9.9	14.9
78	9.8	8.1	12.1

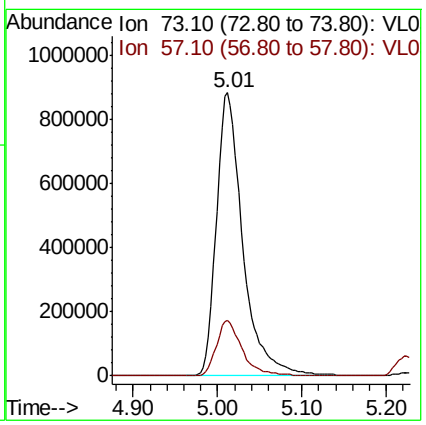


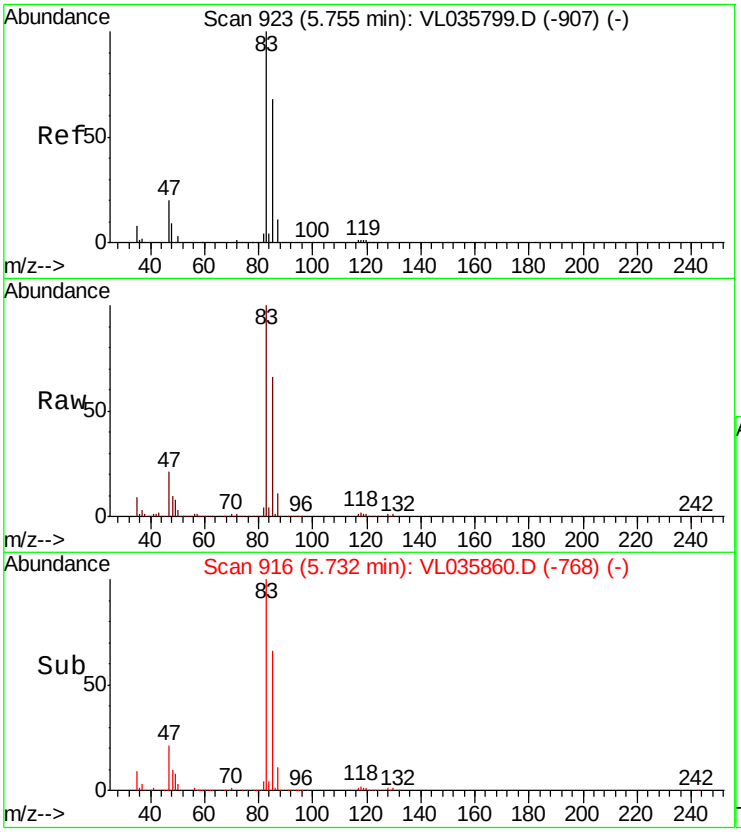


#28
Methyl tert-Butyl Ether
Concen: 9.678 ppbv
RT: 5.01 min Scan# 692
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 73 Resp: 1918836

Ion	Ratio	Lower	Upper
73	100		
57	19.3	15.4	23.2



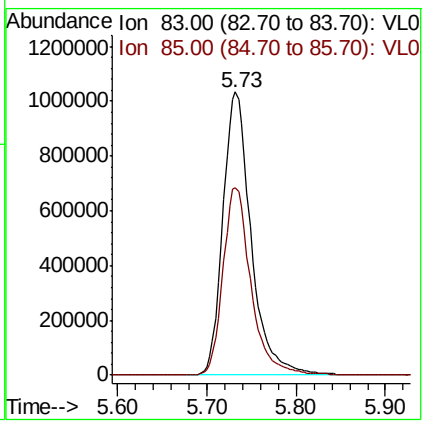


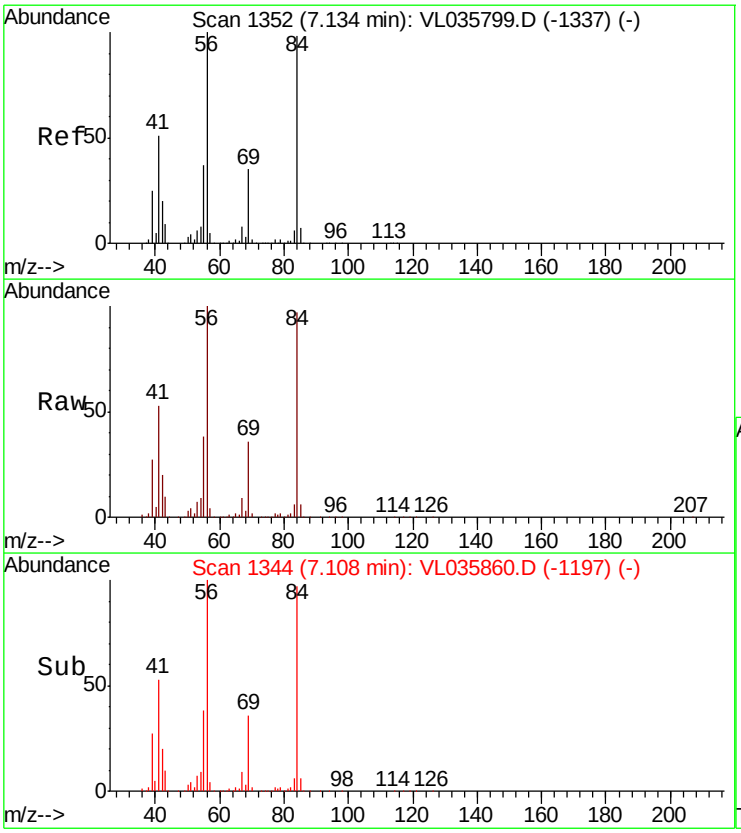
#29
Chloroform
Concen: 10.428 ppbv
RT: 5.73 min Scan# 916
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 83 Resp: 2262759

Ion	Ratio	Lower	Upper
83	100		
85	65.9	54.6	81.8

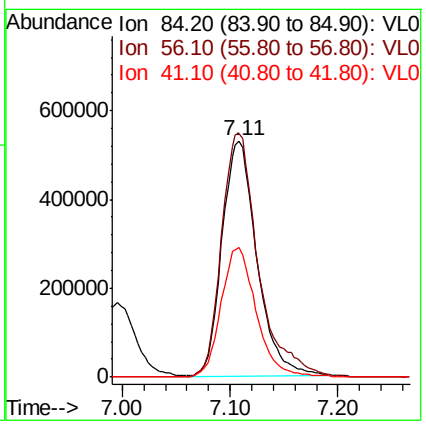


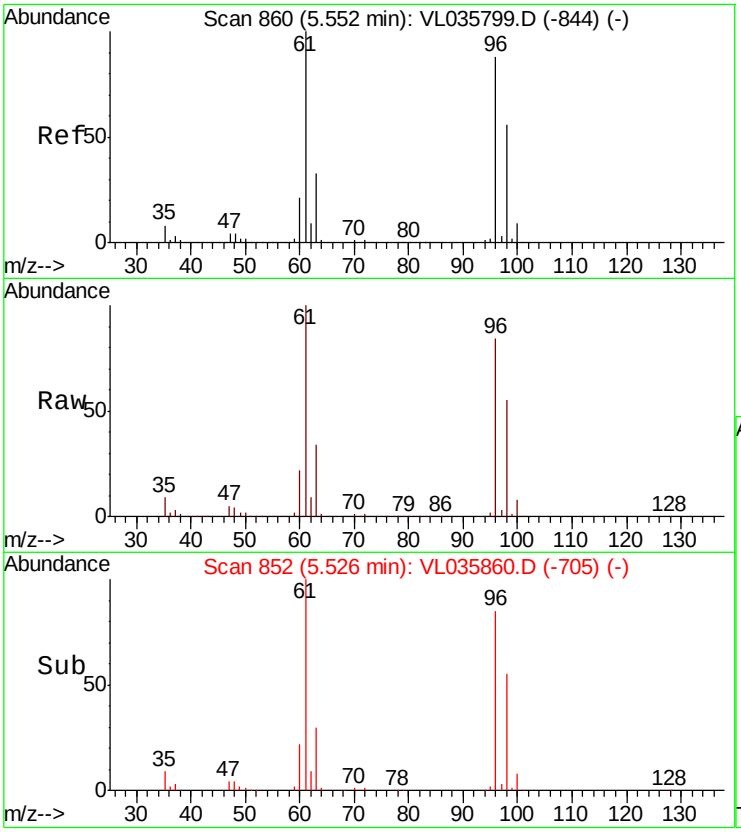


#30
Cyclohexane
Concen: 9.946 ppbv
RT: 7.11 min Scan# 1344
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 84 Resp: 1195986

Ion	Ratio	Lower	Upper
84	100		
56	109.6	86.4	129.6
41	55.5	42.1	63.1



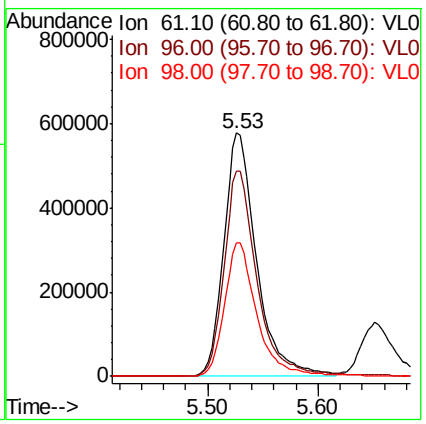


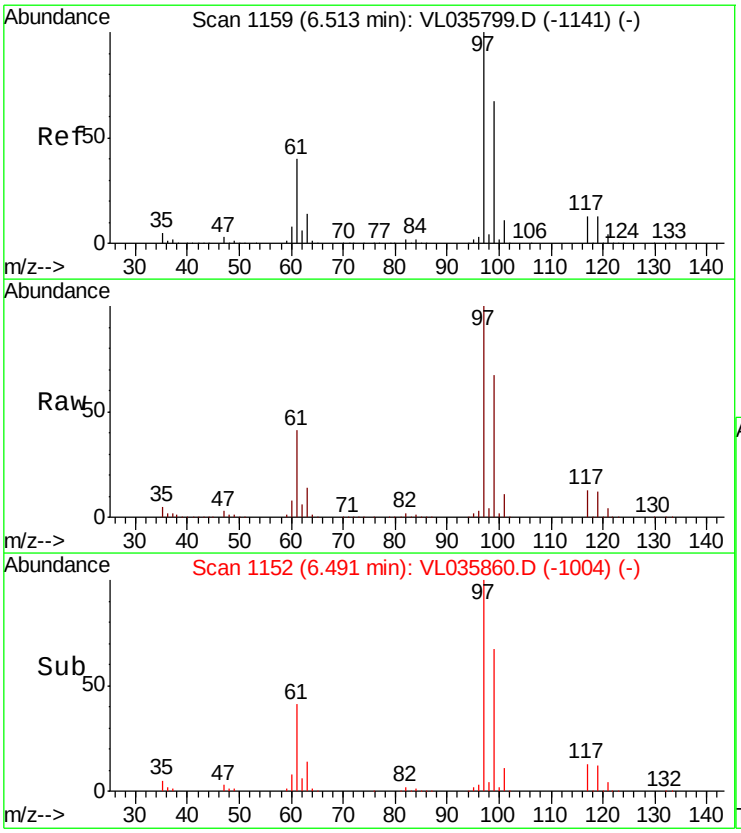
#31
cis-1,2-Dichloroethene
Concen: 10.467 ppbv
RT: 5.53 min Scan# 852
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 61 Resp: 1188841

Ion	Ratio	Lower	Upper
61	100		
96	84.1	70.3	105.5
98	54.7	45.0	67.6

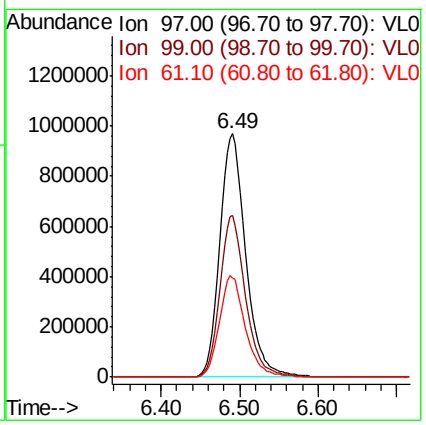


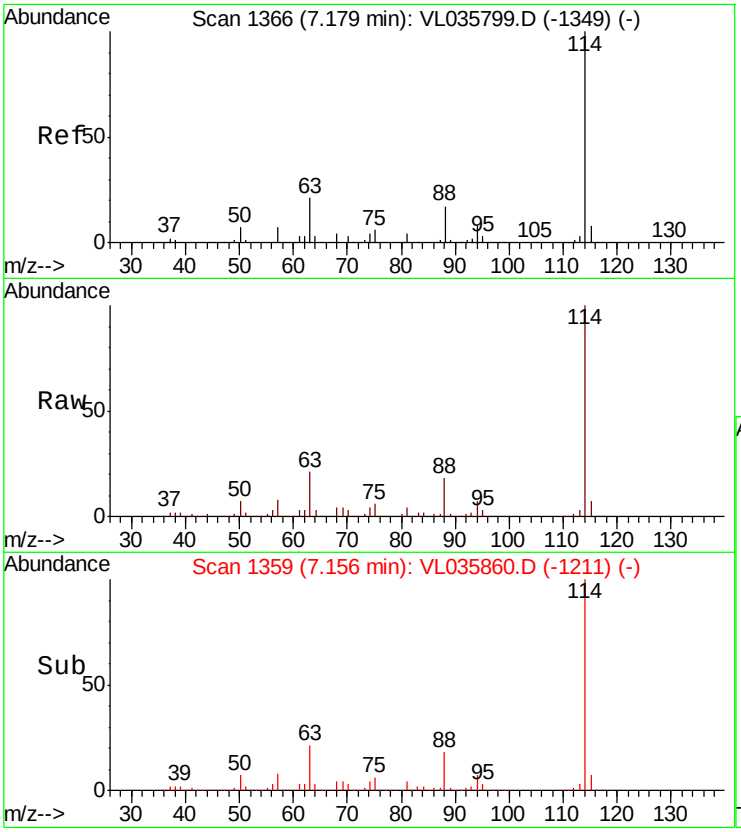


#32
1,1,1-Trichloroethane
Concen: 9.744 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 97 Resp: 2206393

Ion	Ratio	Lower	Upper
97	100		
99	65.6	52.3	78.5
61	41.6	32.0	48.0



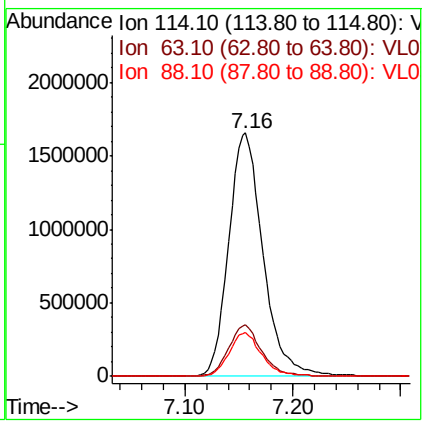


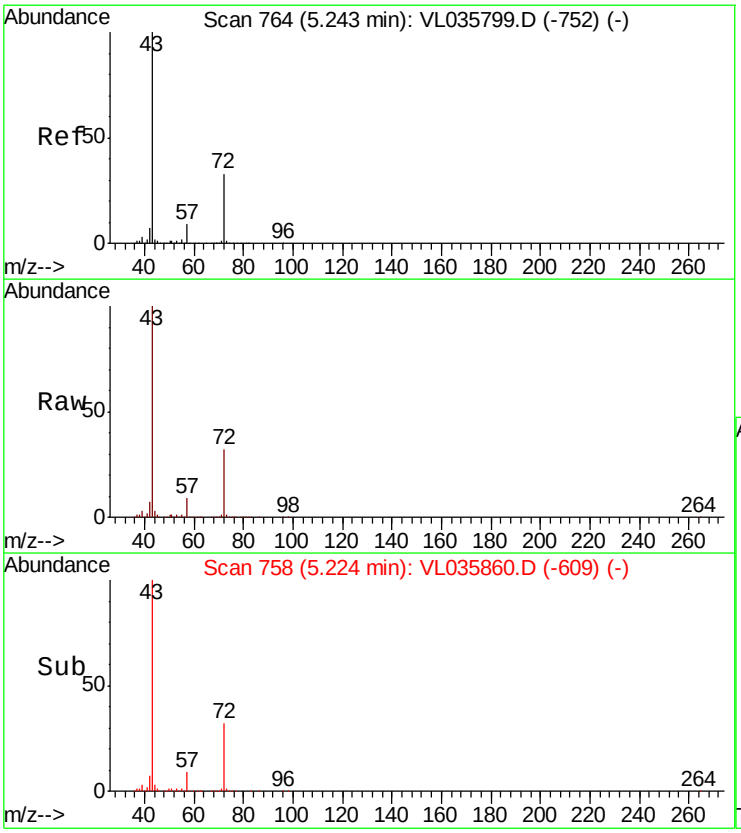
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:114 Resp: 3662292

Ion	Ratio	Lower	Upper
114	100		
63	20.7	16.1	24.1
88	17.2	13.7	20.5

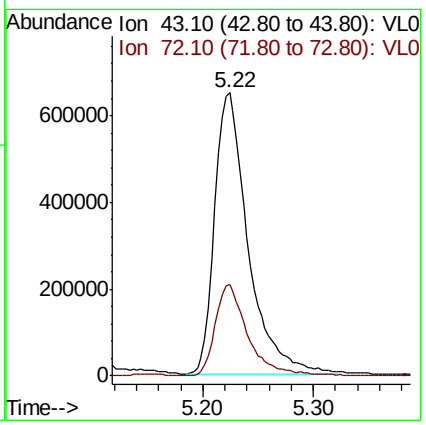


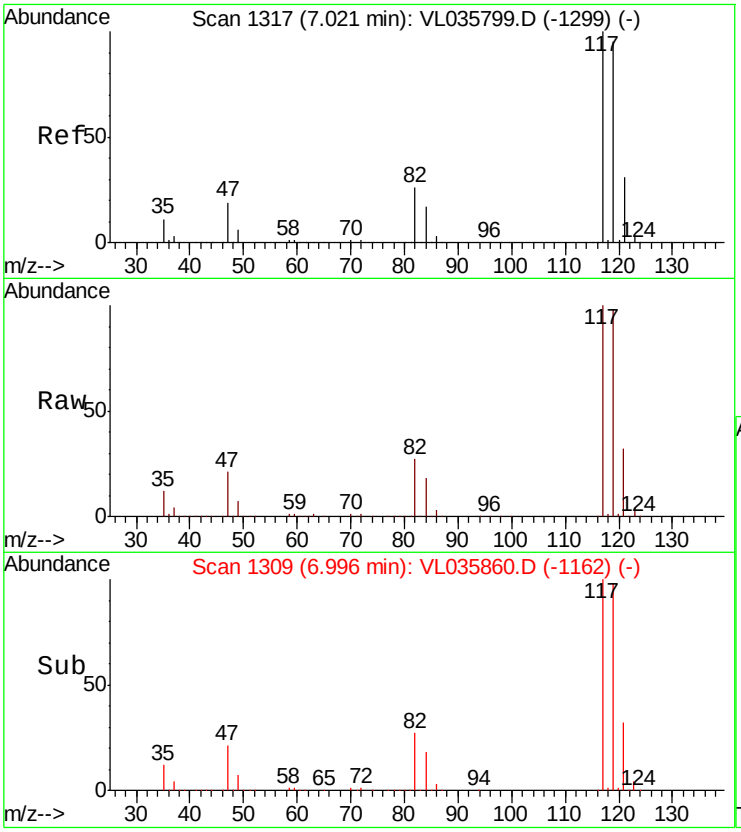


#34
2-Butanone
Concen: 11.444 ppbv
RT: 5.22 min Scan# 758
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 43 Resp: 1360204

Ion	Ratio	Lower	Upper
43	100		
72	31.6	26.5	39.7



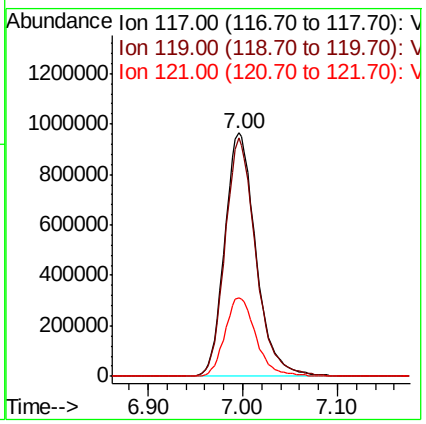


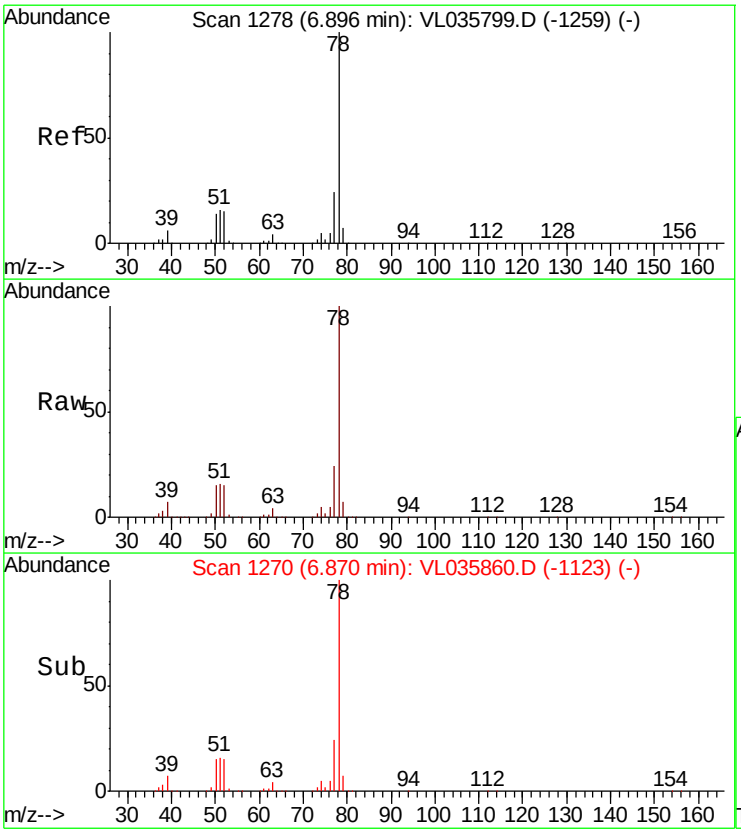
#35
Carbon Tetrachloride
Concen: 11.333 ppbv
RT: 7.00 min Scan# 1309
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:117 Resp: 2217603

Ion	Ratio	Lower	Upper
117	100		
119	97.9	75.6	113.4
121	32.4	25.1	37.7

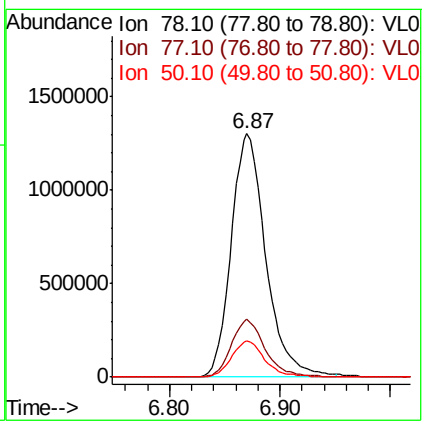


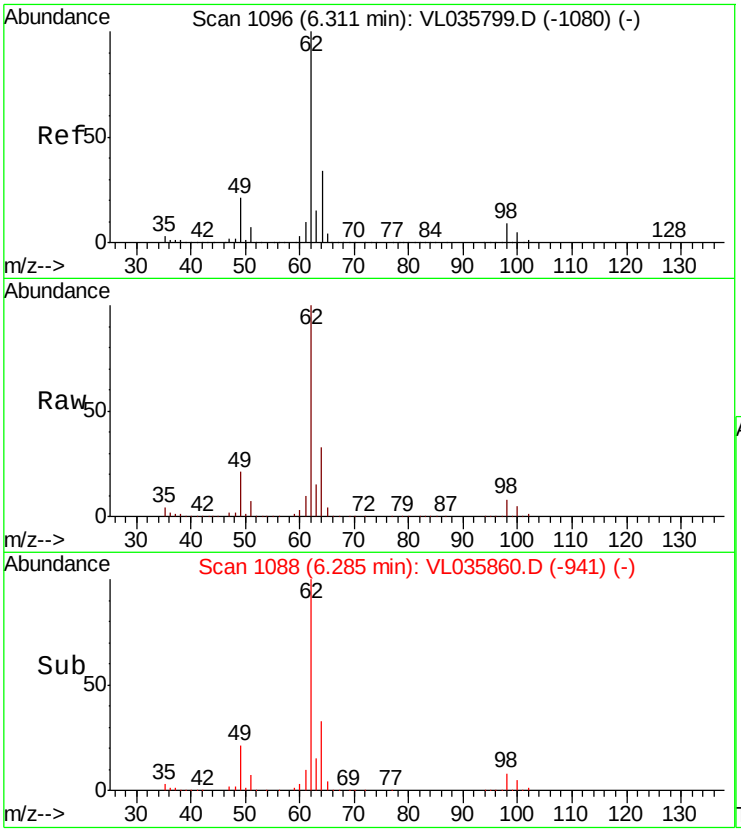


#36
Benzene
Concen: 10.391 ppbv
RT: 6.87 min Scan# 1270
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 78 Resp: 2829174

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9
50	14.8	11.4	17.2



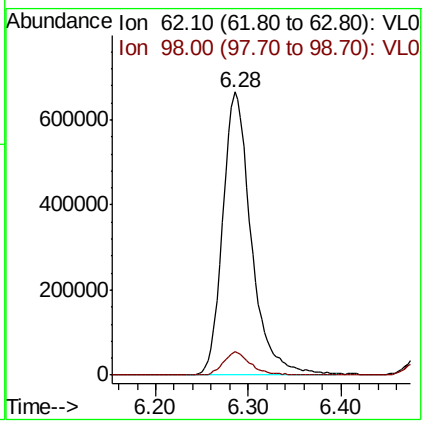


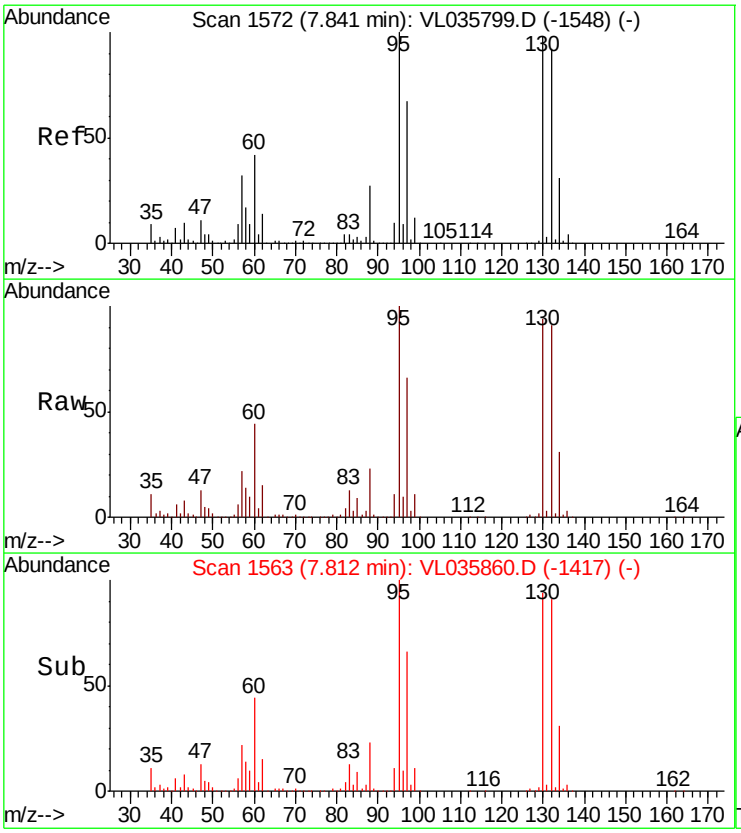
#37
1,2-Dichloroethane
Concen: 11.555 ppbv
RT: 6.28 min Scan# 1088
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 62 Resp: 1425197

Ion	Ratio	Lower	Upper
62	100		
98	8.0	6.9	10.3

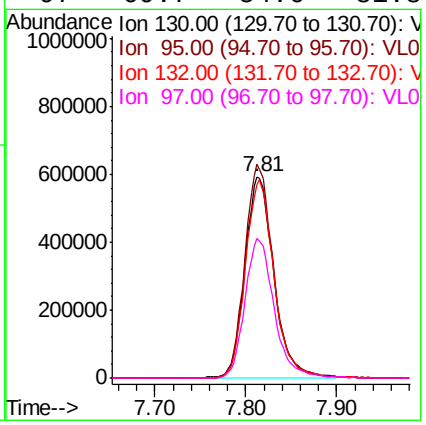


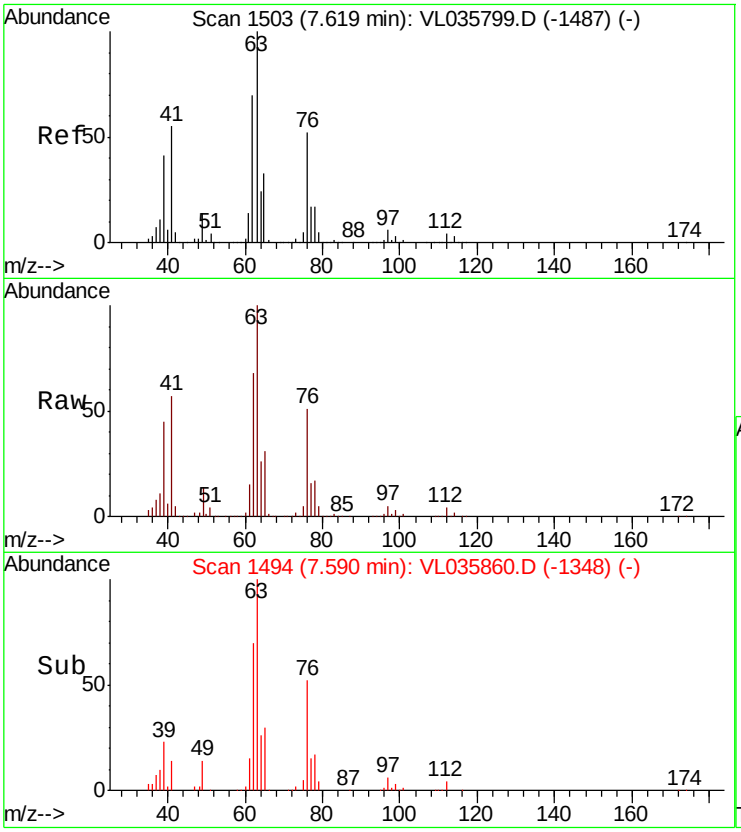


#38
Trichloroethene
Concen: 9.897 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:130 Resp: 1316164

Ion	Ratio	Lower	Upper
130	100		
95	106.2	81.6	122.4
132	96.5	75.1	112.7
97	69.7	54.6	81.8



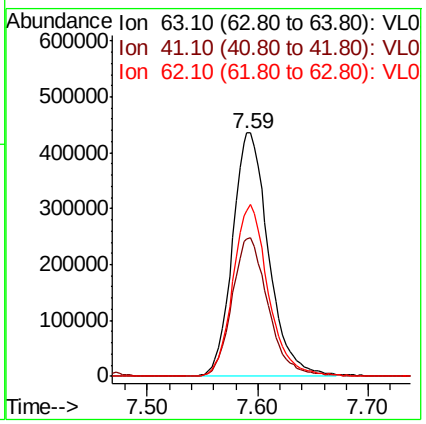


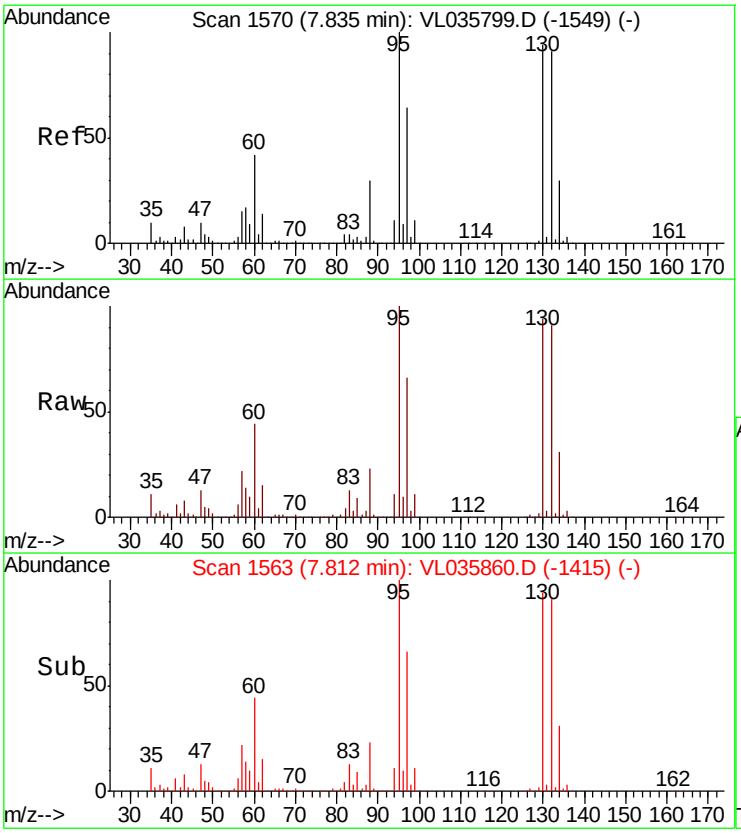
#39
1,2-Dichloropropane
Concen: 10.763 ppbv
RT: 7.59 min Scan# 1494
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 63 Resp: 986579

Ion	Ratio	Lower	Upper
63	100		
41	56.4	43.8	65.6
62	68.3	56.2	84.2

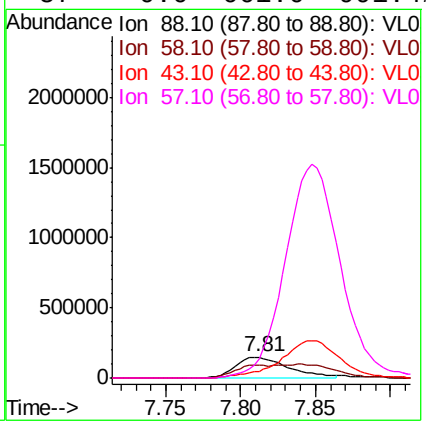


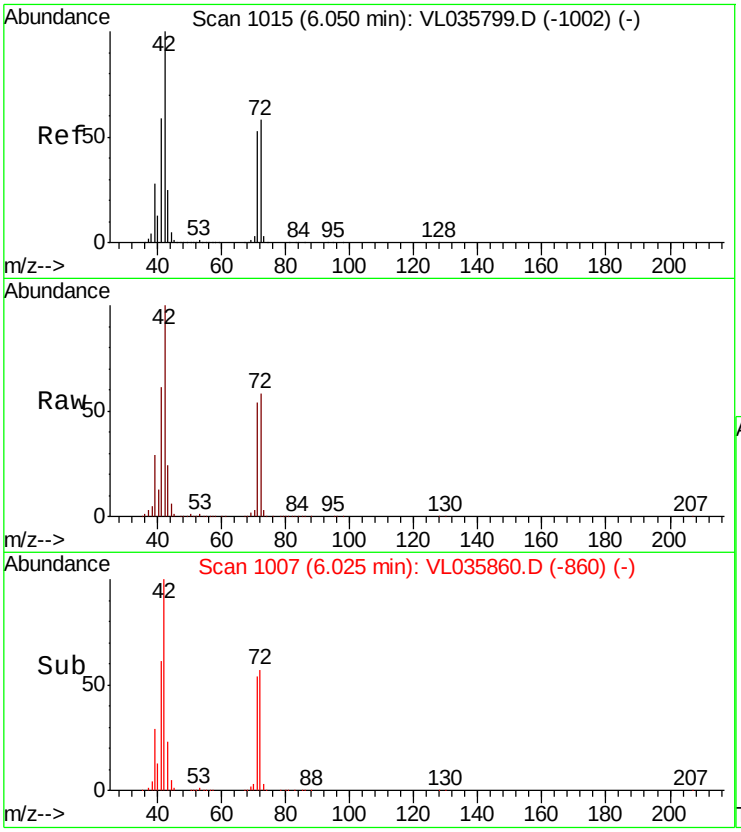


#40
1,4-Dioxane
Concen: 8.452 ppbv
RT: 7.81 min Scan# 1563
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 88 Resp: 367209

Ion	Ratio	Lower	Upper
88	100		
58	0.0	76.2	114.2#
43	0.0	123.1	184.7#
57	0.0	661.0	991.4#

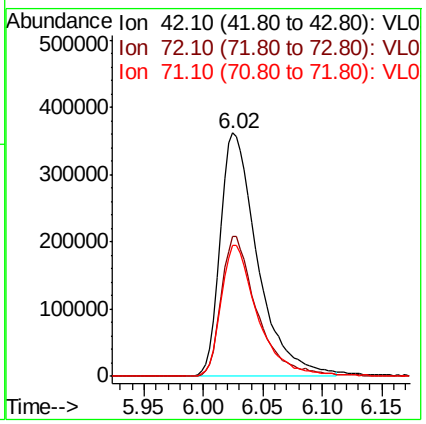




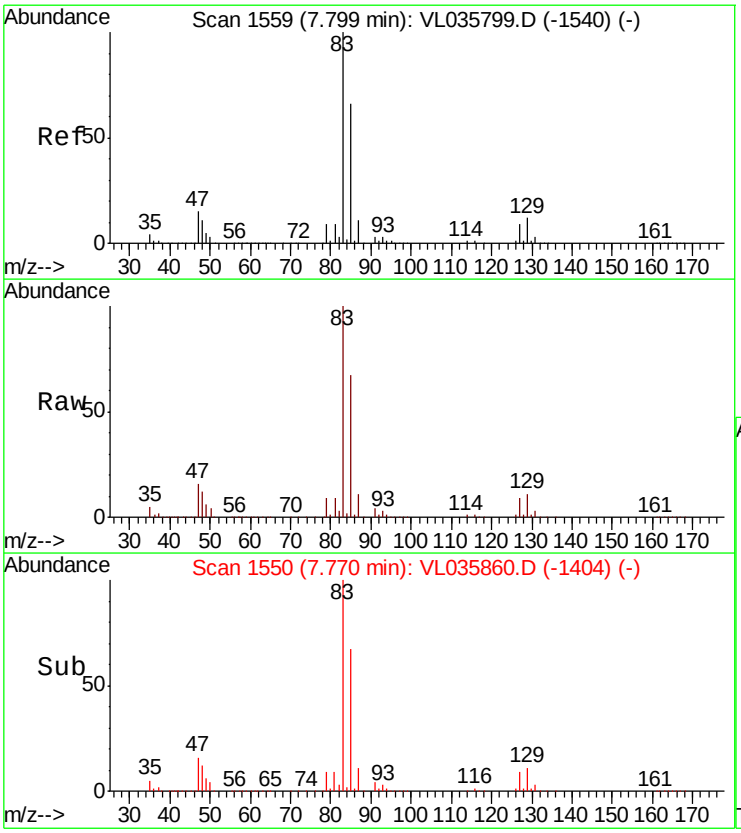
#41
Tetrahydrofuran
Concen: 11.673 ppbv
RT: 6.02 min Scan# 1007
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 42 Resp: 788202

Ion	Ratio	Lower	Upper
42	100		
72	55.9	45.4	68.0
71	53.2	43.4	65.2



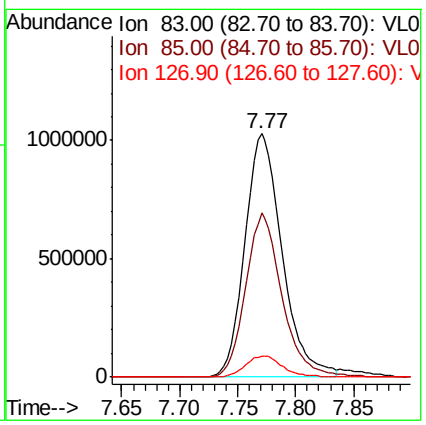
Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

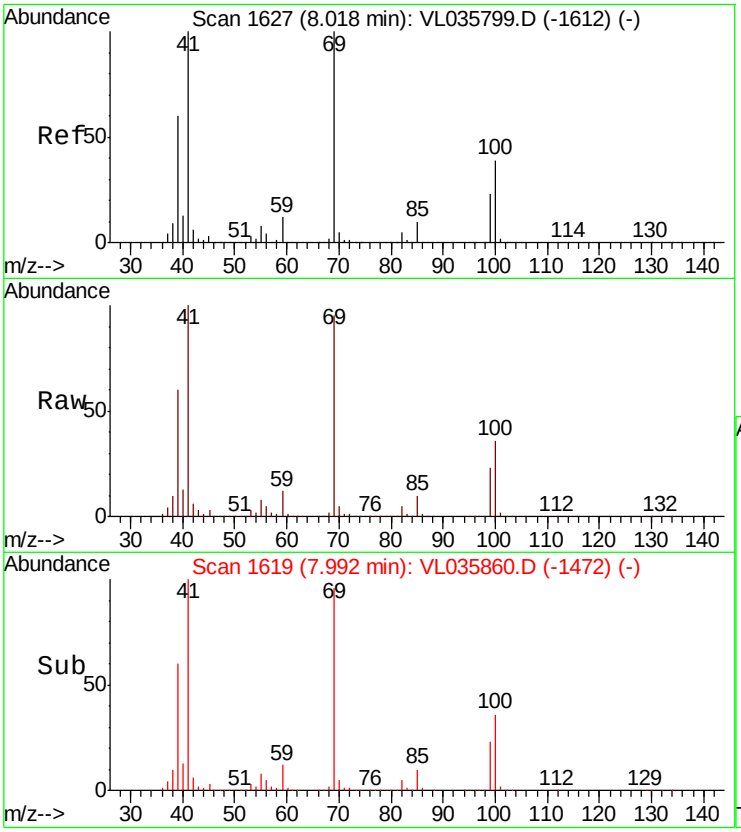


#42
Bromodichloromethane
Concen: 11.075 ppbv
RT: 7.77 min Scan# 1550
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 83 Resp: 2304984

Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.1	79.7
127	8.8	7.3	10.9



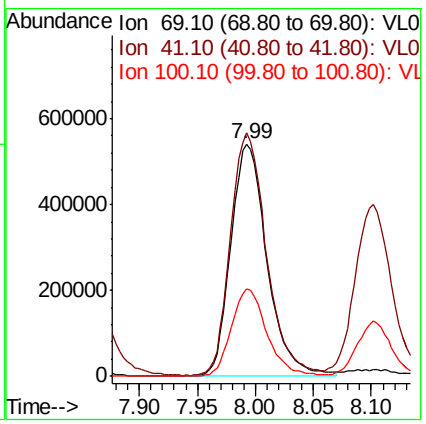


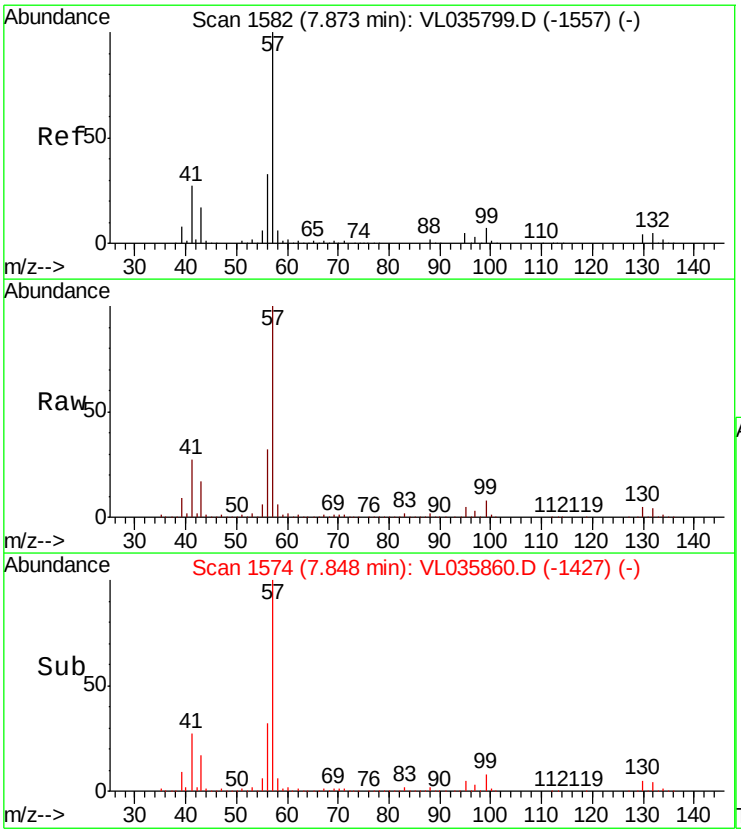
#43
Methyl Methacrylate
Concen: 11.266 ppbv
RT: 7.99 min Scan# 1619
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 69 Resp: 1169991

Ion	Ratio	Lower	Upper
69	100		
41	104.3	81.1	121.7
100	37.2	31.0	46.4

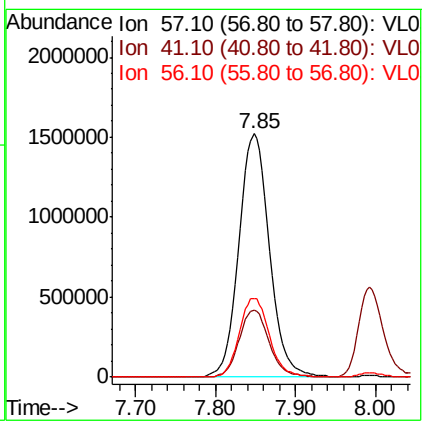


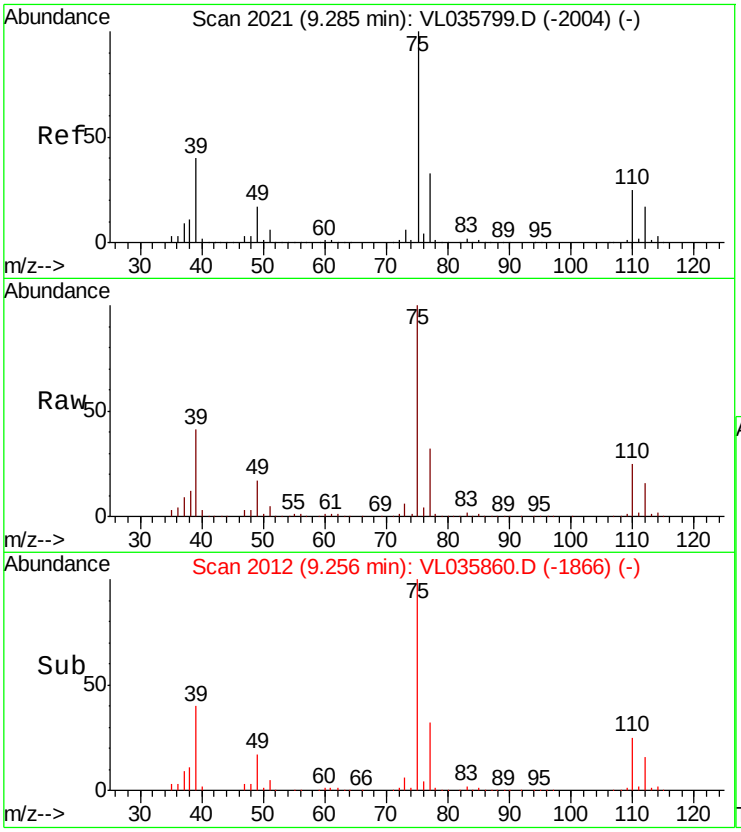


#44
2,2,4-Trimethylpentane
Concen: 10.877 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 57 Resp: 3919052

Ion	Ratio	Lower	Upper
57	100		
41	27.1	21.0	31.4
56	31.9	25.4	38.0



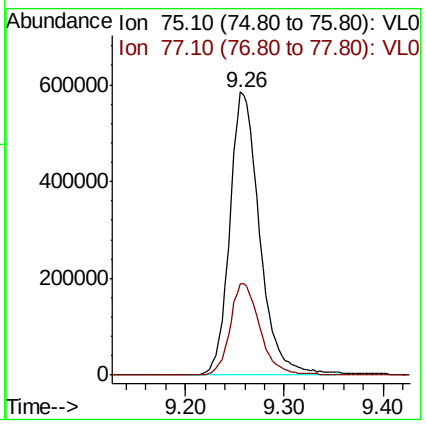


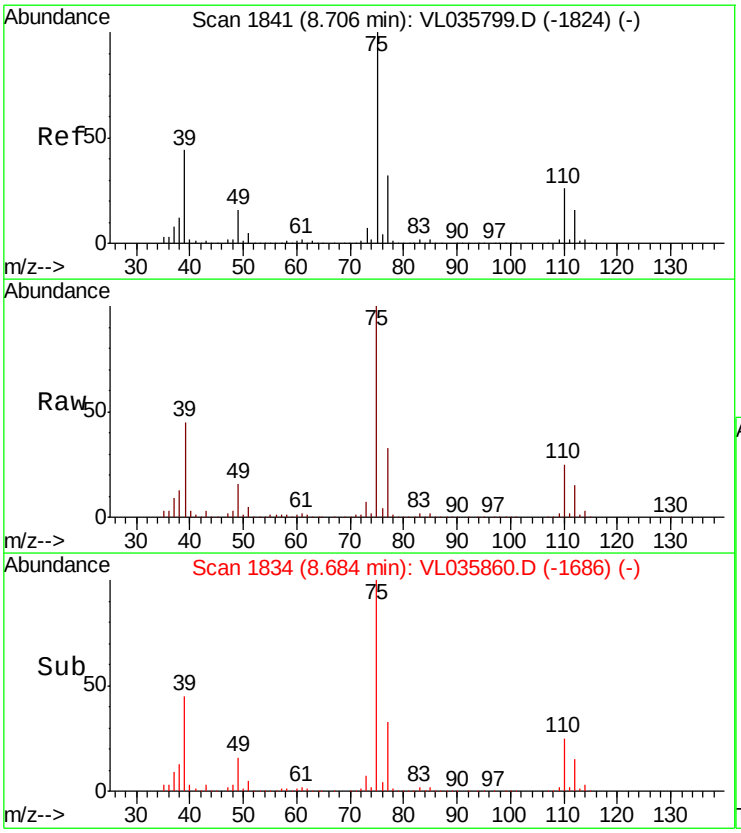
#45
t-1,3-Dichloropropene
Concen: 11.202 ppbv
RT: 9.26 min Scan# 2012
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 75 Resp: 1233260

Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.4	39.6

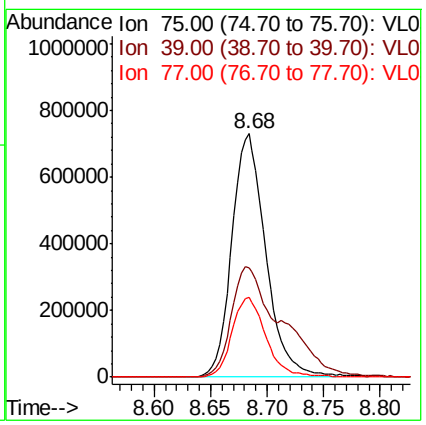


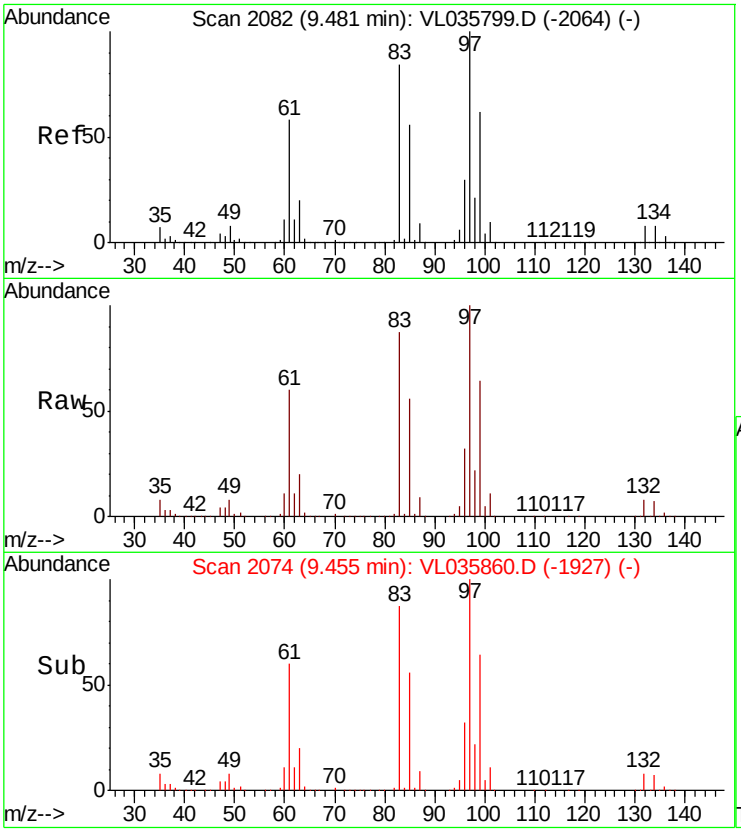


#46
cis-1,3-Dichloropropene
Concen: 10.947 ppbv
RT: 8.68 min Scan# 1834
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 75 Resp: 1526254

Ion	Ratio	Lower	Upper
75	100		
39	45.0	35.1	52.7
77	32.8	25.7	38.5



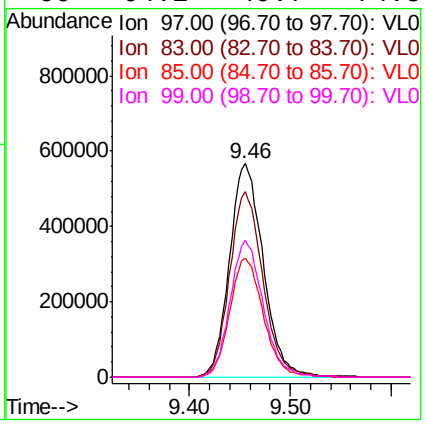


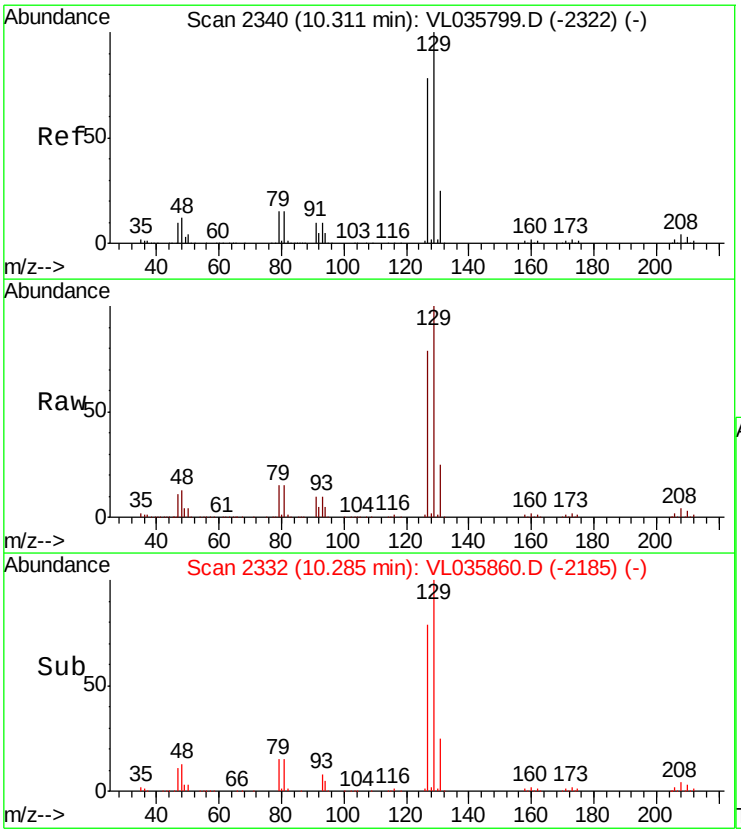
#47
1,1,2-Trichloroethane
Concen: 10.572 ppbv
RT: 9.46 min Scan# 2074
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion: 97 Resp: 1320452

Ion	Ratio	Lower	Upper
97	100		
83	87.0	67.1	100.7
85	55.7	44.7	67.1
99	64.2	49.7	74.5

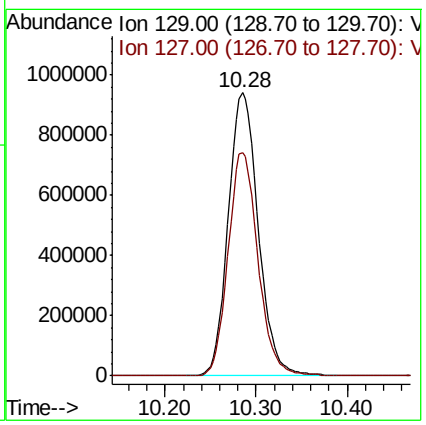


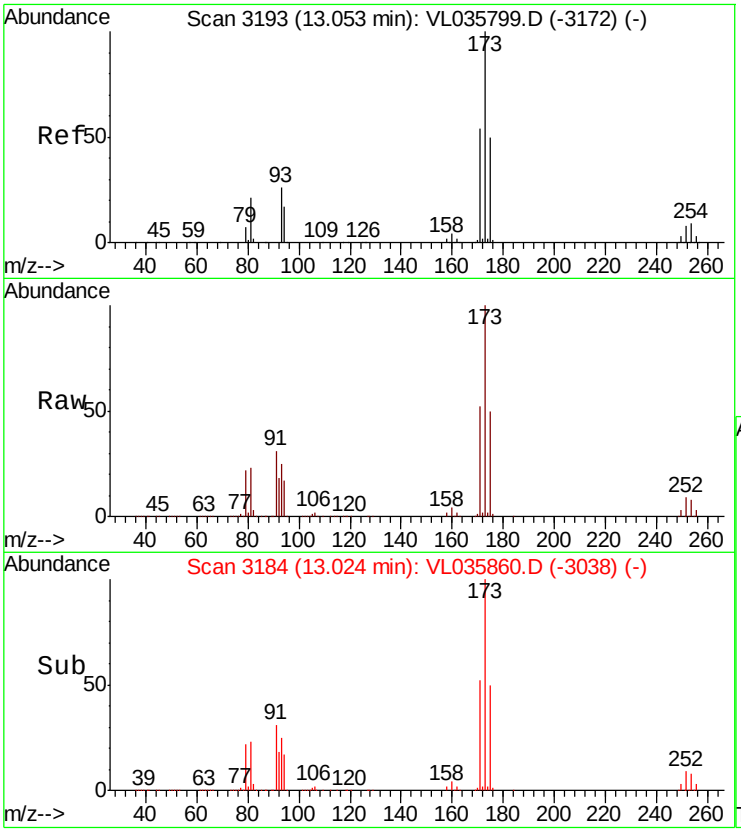


#48
Dibromochloromethane
Concen: 11.336 ppbv
RT: 10.28 min Scan# 2332
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:129 Resp: 2163141

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.2	117.6



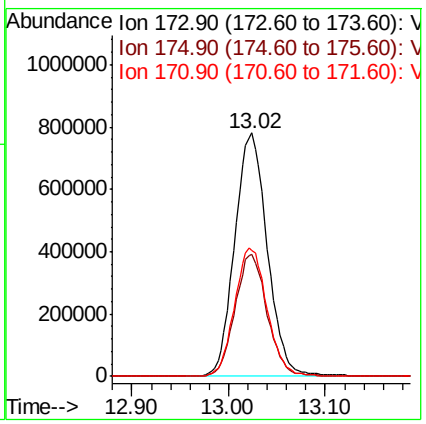


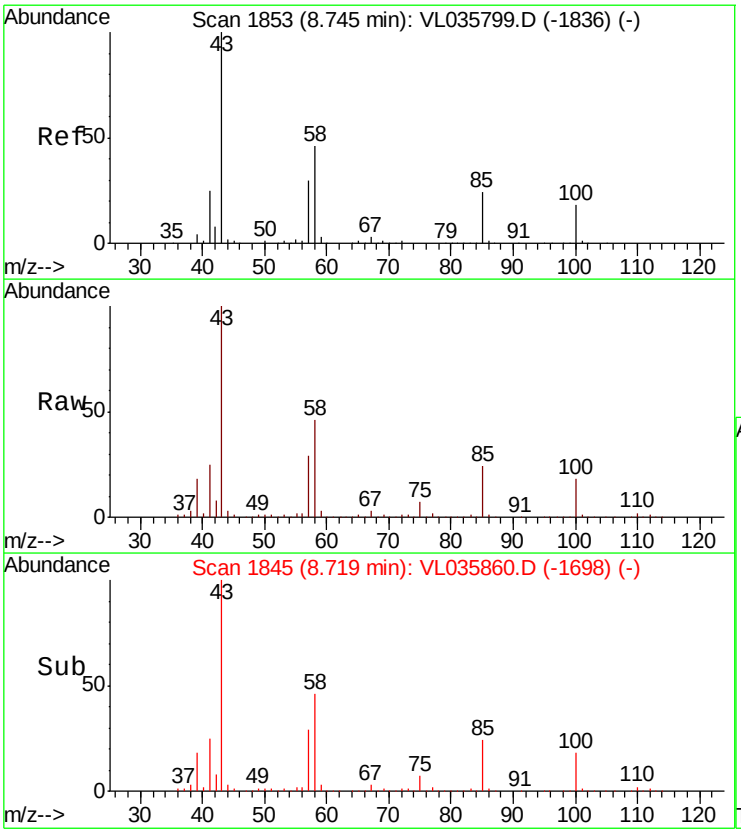
#49
Bromoform
Concen: 11.362 ppbv
RT: 13.02 min Scan# 3184
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:173 Resp: 1829483

Ion	Ratio	Lower	Upper
173	100		
175	49.5	40.1	60.1
171	53.0	42.6	63.8

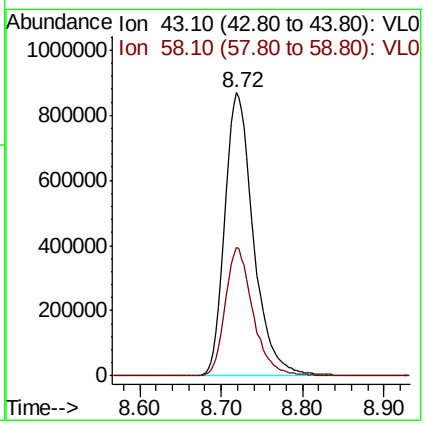


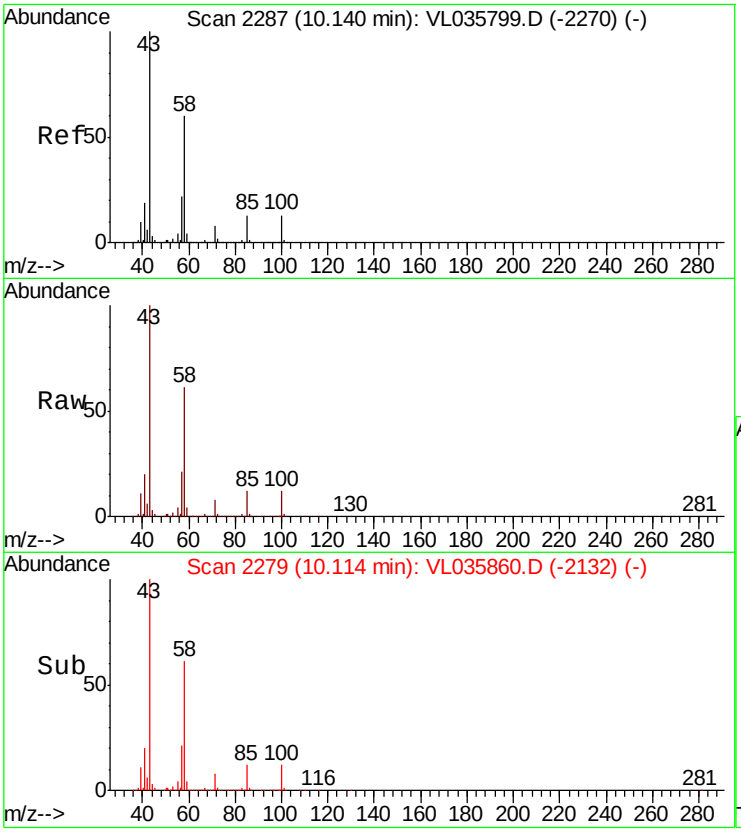


#50
4-Methyl-2-Pentanone
Concen: 11.795 ppbv
RT: 8.72 min Scan# 1845
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 43 Resp: 2143734

Ion	Ratio	Lower	Upper
43	100		
58	44.1	36.0	54.0



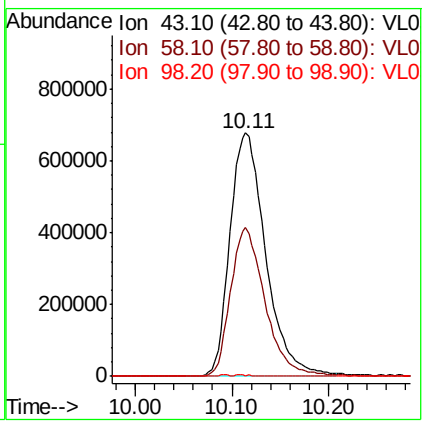


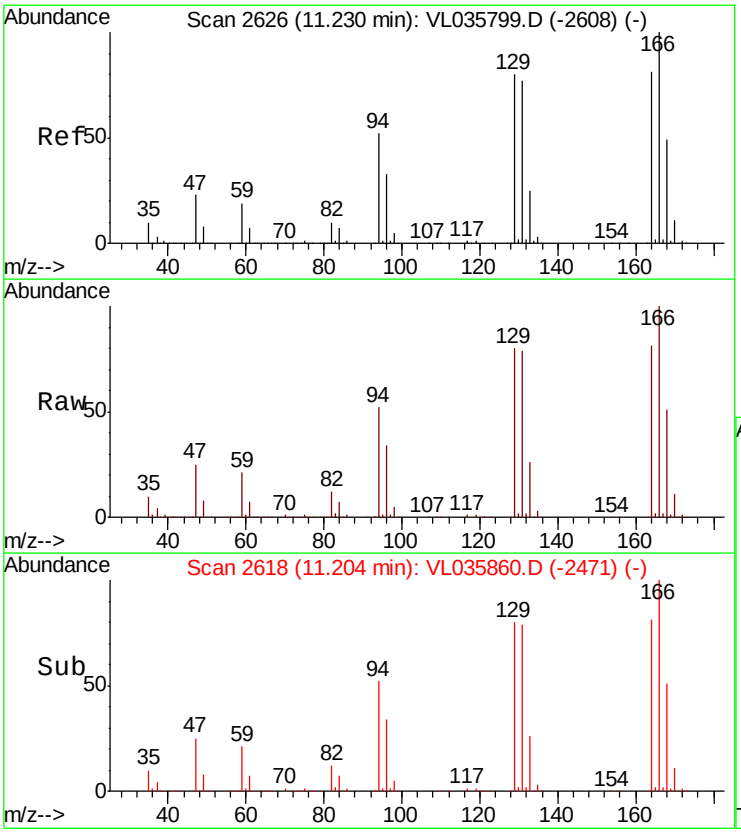
#51
2-Hexanone
Concen: 11.901 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 43 Resp: 1737525

Ion	Ratio	Lower	Upper
43	100		
58	59.1	48.3	72.5
98	0.8	0.6	0.8

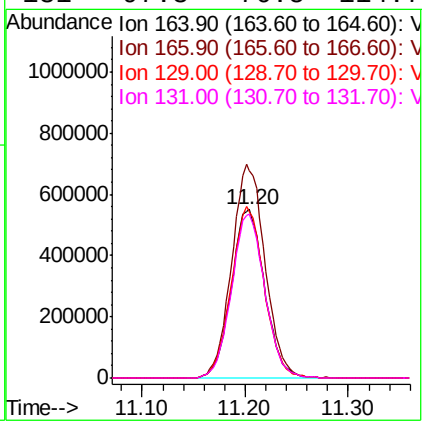


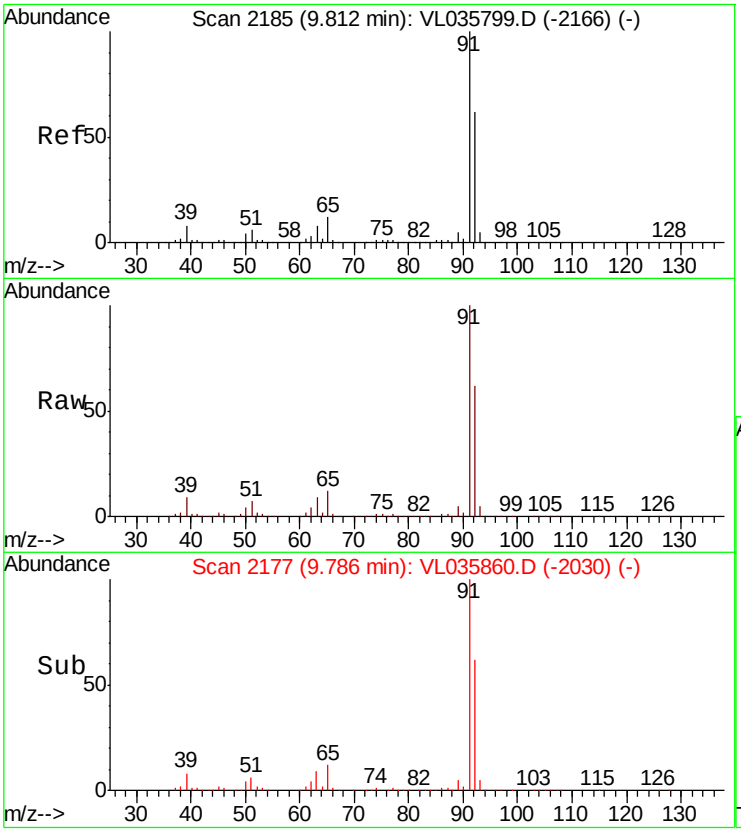


#52
Tetrachloroethene
Concen: 9.582 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:164 Resp: 1235970

Ion	Ratio	Lower	Upper
164	100		
166	123.1	99.3	148.9
129	99.0	79.3	118.9
131	97.3	76.5	114.7



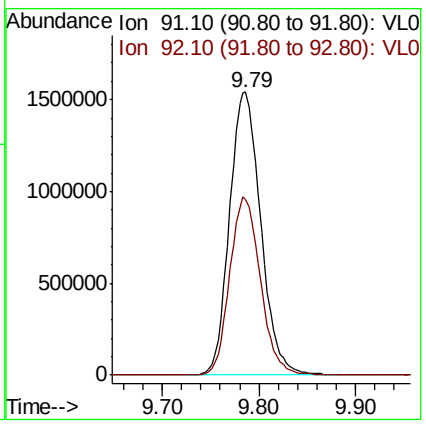


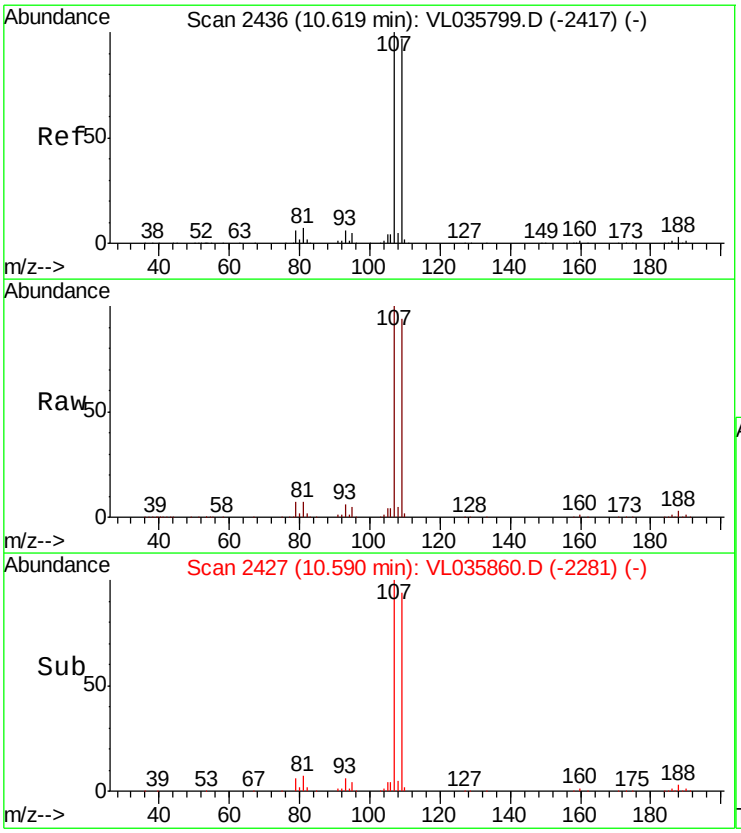
#53
Toluene
Concen: 10.537 ppbv
RT: 9.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 91 Resp: 3461528

Ion	Ratio	Lower	Upper
91	100		
92	61.9	49.8	74.6

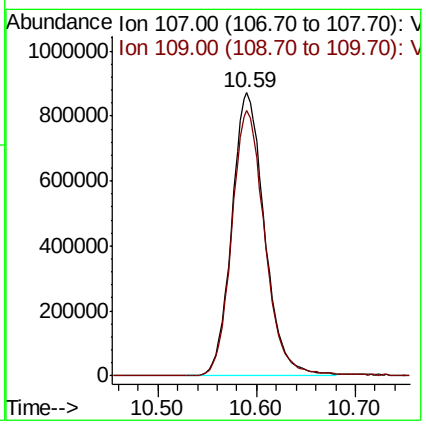


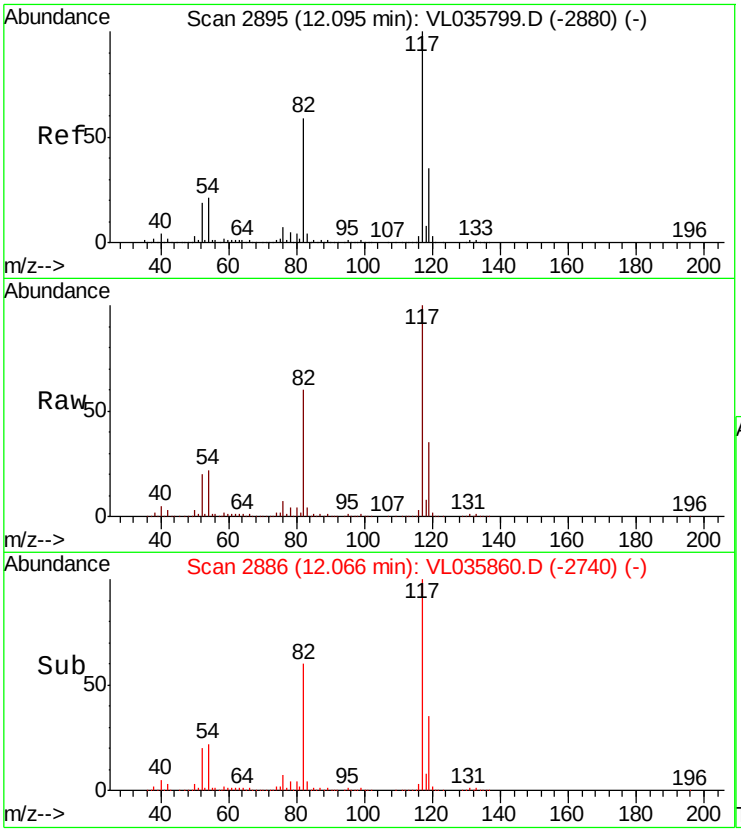


#54
1,2-Dibromoethane
Concen: 10.581 ppbv
RT: 10.59 min Scan# 2427
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:107 Resp: 2009792

Ion	Ratio	Lower	Upper
107	100		
109	93.7	77.2	115.8



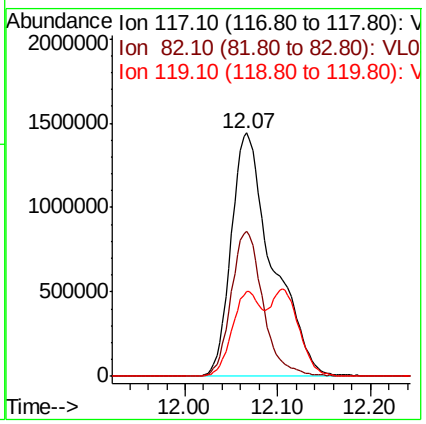


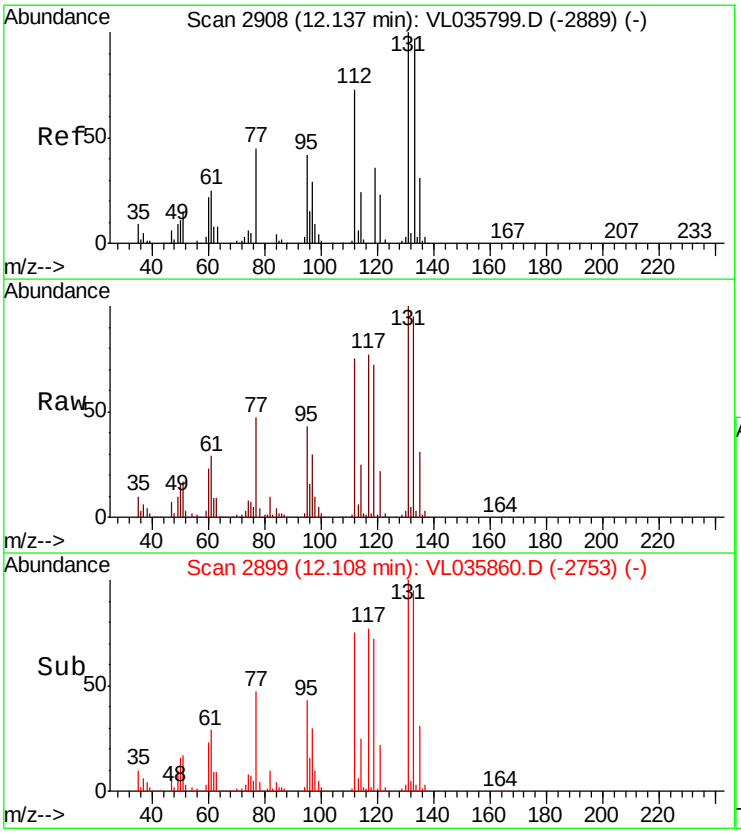
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:117 Resp: 4468646

Ion	Ratio	Lower	Upper
117	100		
82	46.3	50.6	76.0#
119	26.3	52.6	78.8#

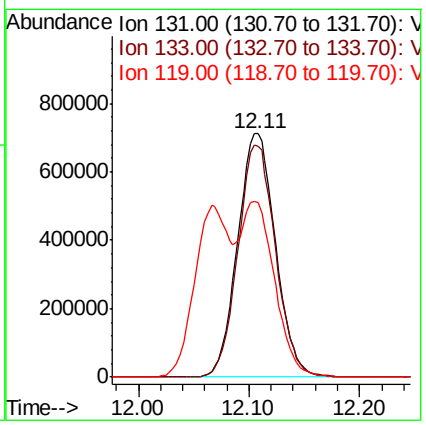


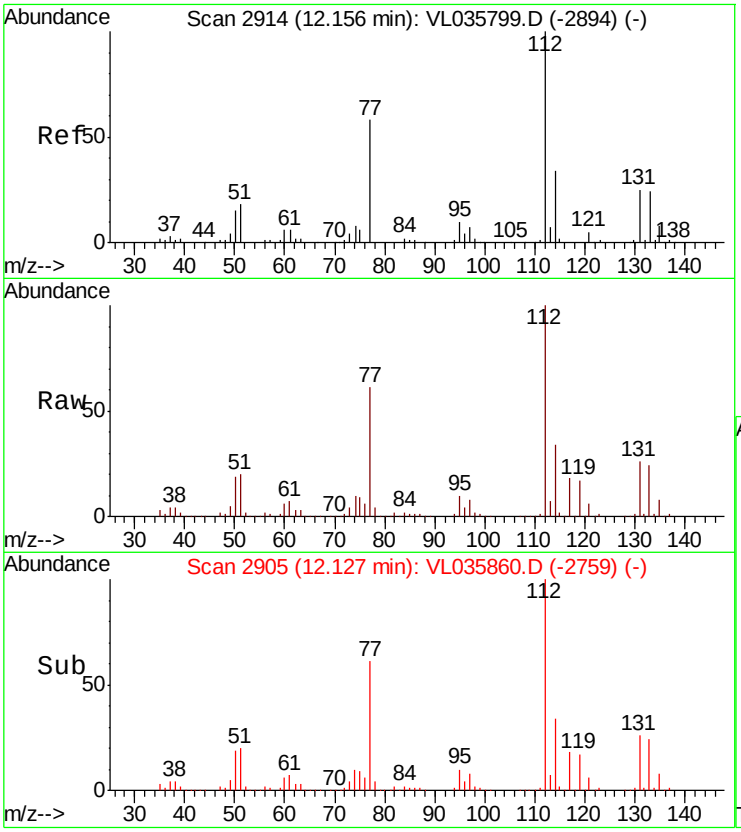


#56
1,1,1,2-Tetrachloroethane
Concen: 8.419 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:131 Resp: 1688597

Ion	Ratio	Lower	Upper
131	100		
133	95.2	76.8	115.2
119	72.6	47.4	71.0#



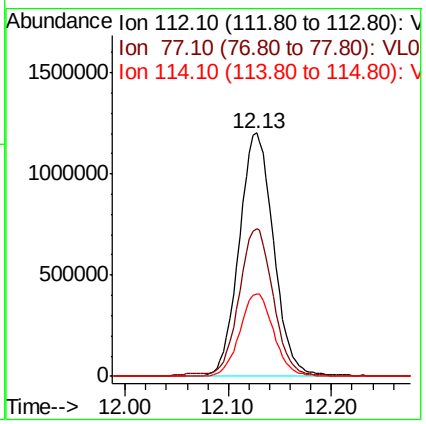


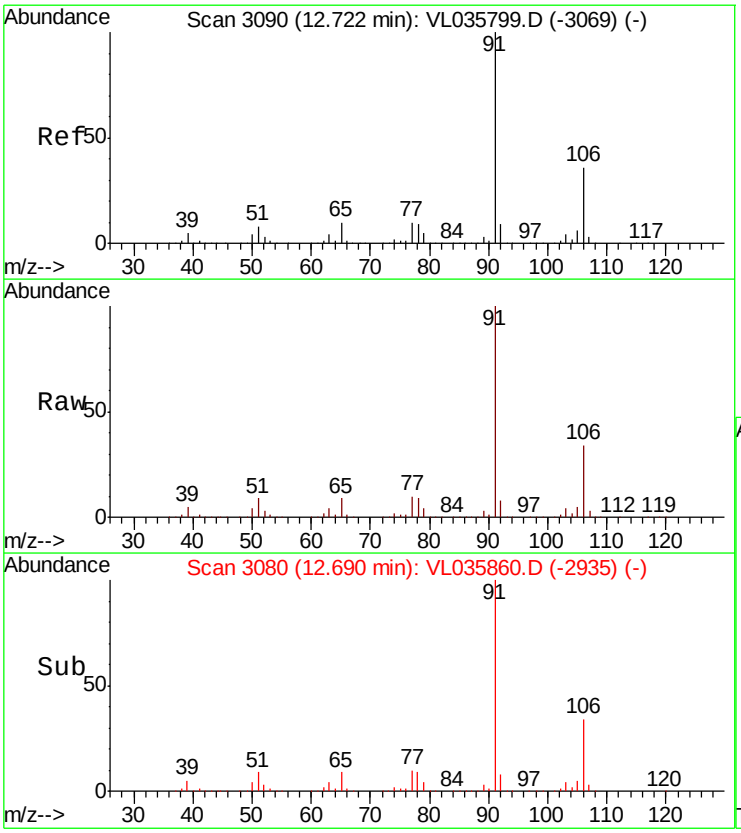
#57
Chlorobenzene
Concen: 7.851 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:112 Resp: 2789453

Ion	Ratio	Lower	Upper
112	100		
77	60.2	47.5	71.3
114	33.6	30.3	37.1

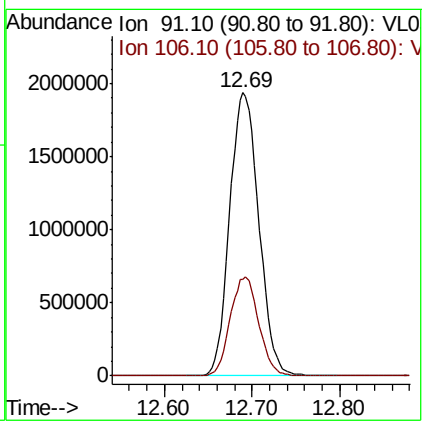


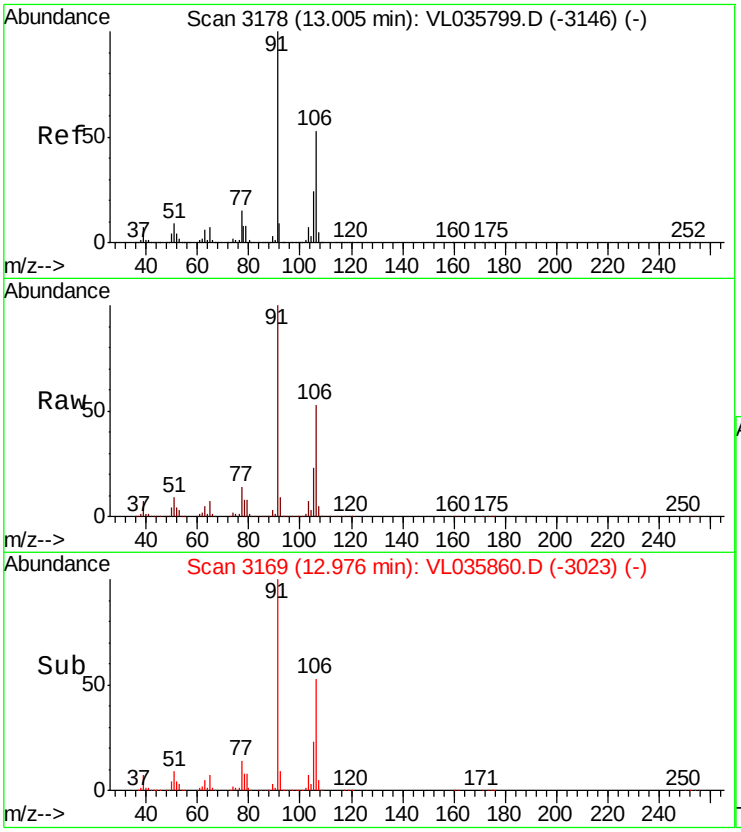


#58
Ethyl Benzene
Concen: 8.239 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 91 Resp: 4484153

Ion	Ratio	Lower	Upper
91	100		
106	34.3	28.6	43.0



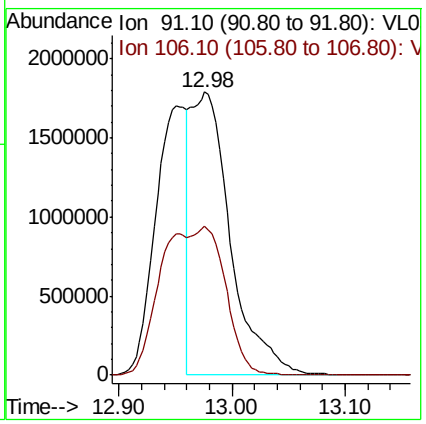


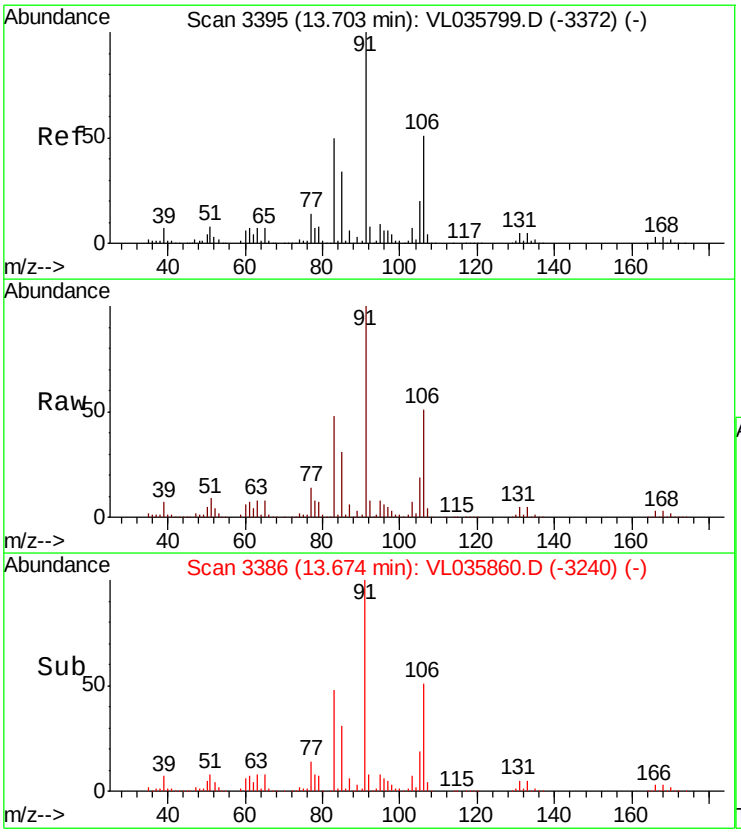
#59
m/p-Xylene
Concen: 9.374 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 91 Resp: 4316214

Ion	Ratio	Lower	Upper
91	100		
106	86.2	39.5	59.3#

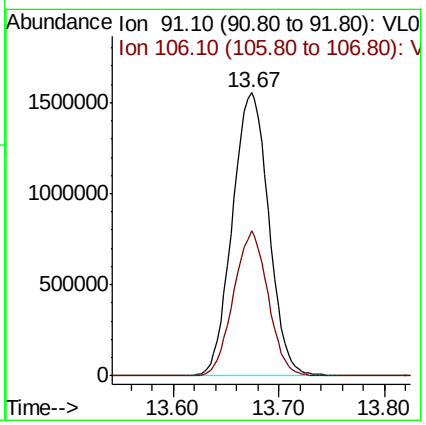


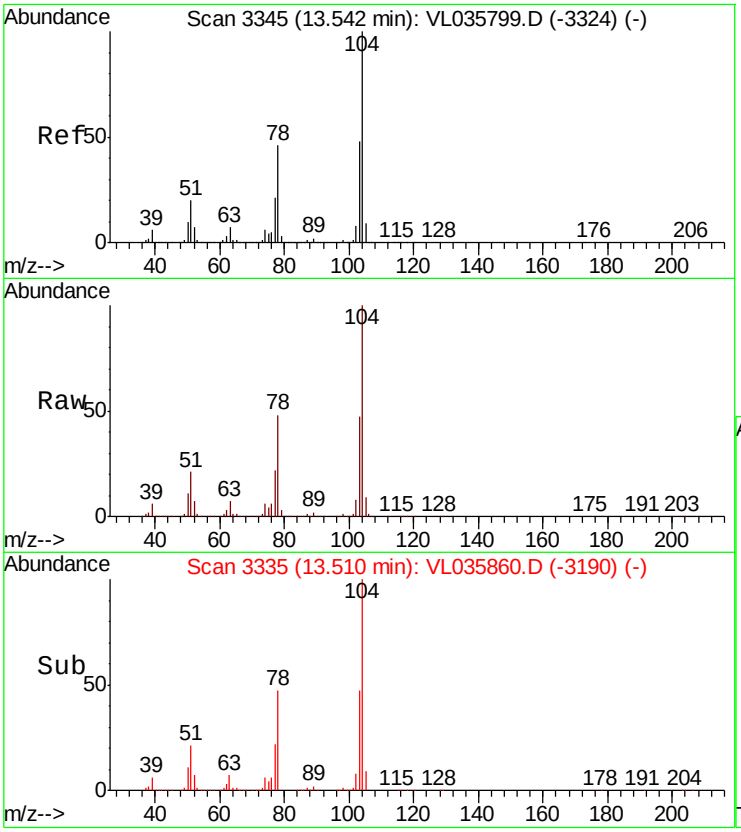


#60
o-Xylene
Concen: 8.287 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 91 Resp: 3712124

Ion	Ratio	Lower	Upper
91	100		
106	48.8	24.8	74.4



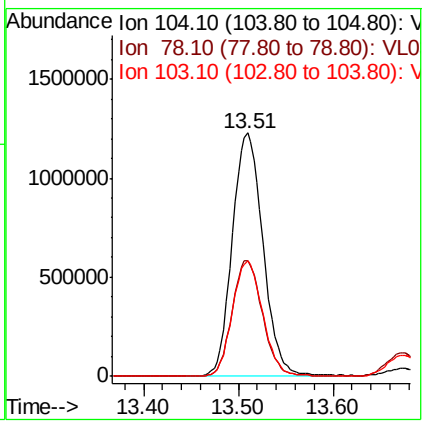


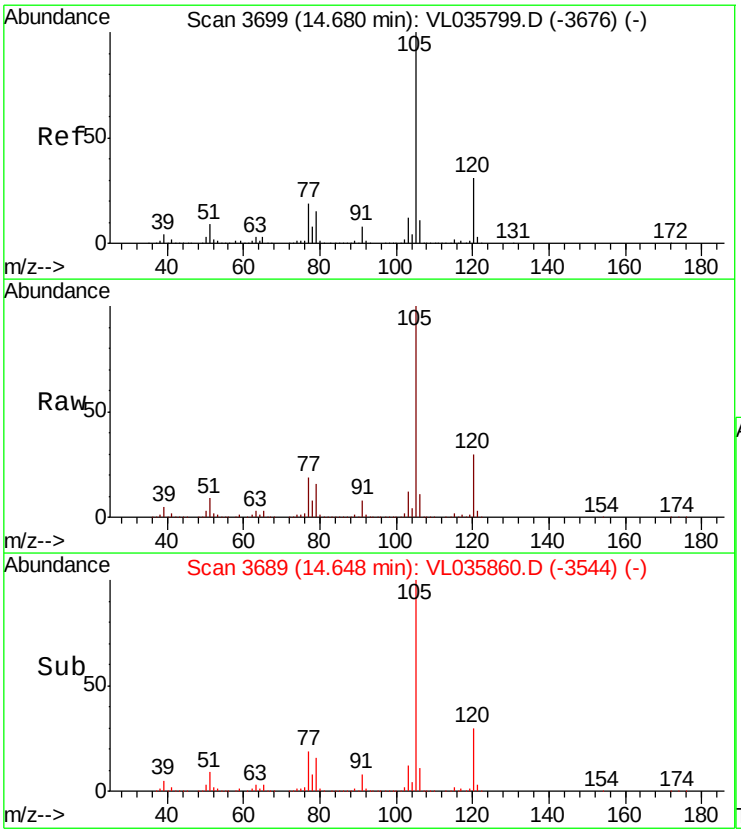
#61
Stvrene
Concen: 8.478 ppbv
RT: 13.51 min Scan# 3335
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:104 Resp: 2782407

Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.1	55.7
103	47.1	37.9	56.9

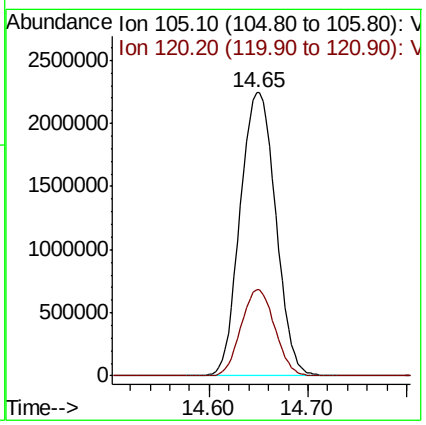


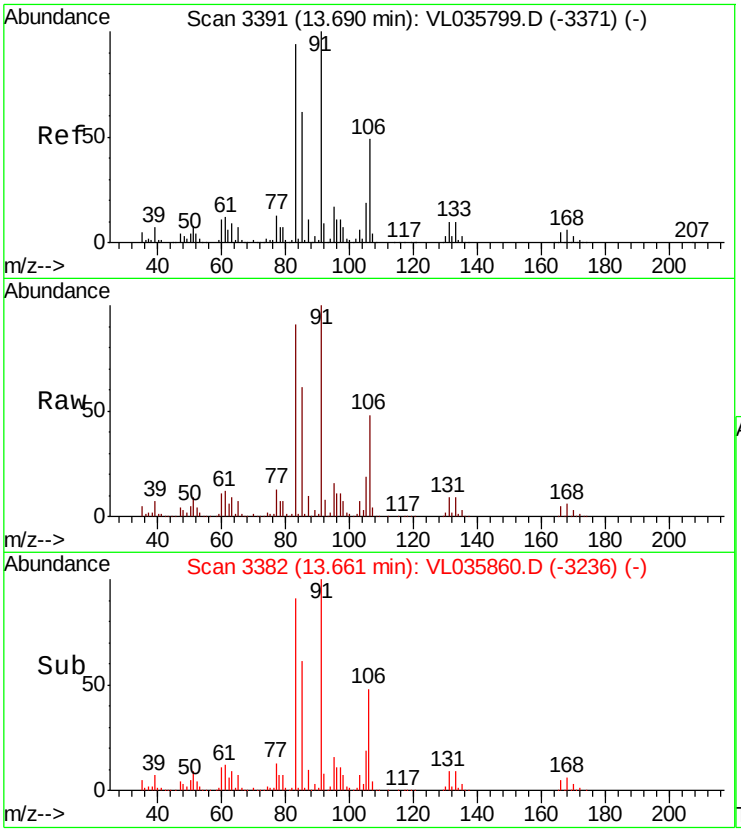


#62
Isopropylbenzene
Concen: 7.960 ppbv
RT: 14.65 min Scan# 3689
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:105 Resp: 5604416

Ion	Ratio	Lower	Upper
105	100		
120	28.9	23.5	35.3



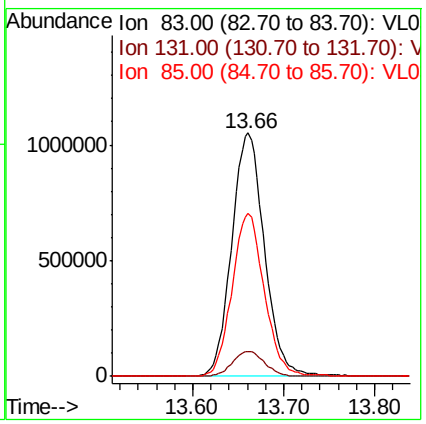


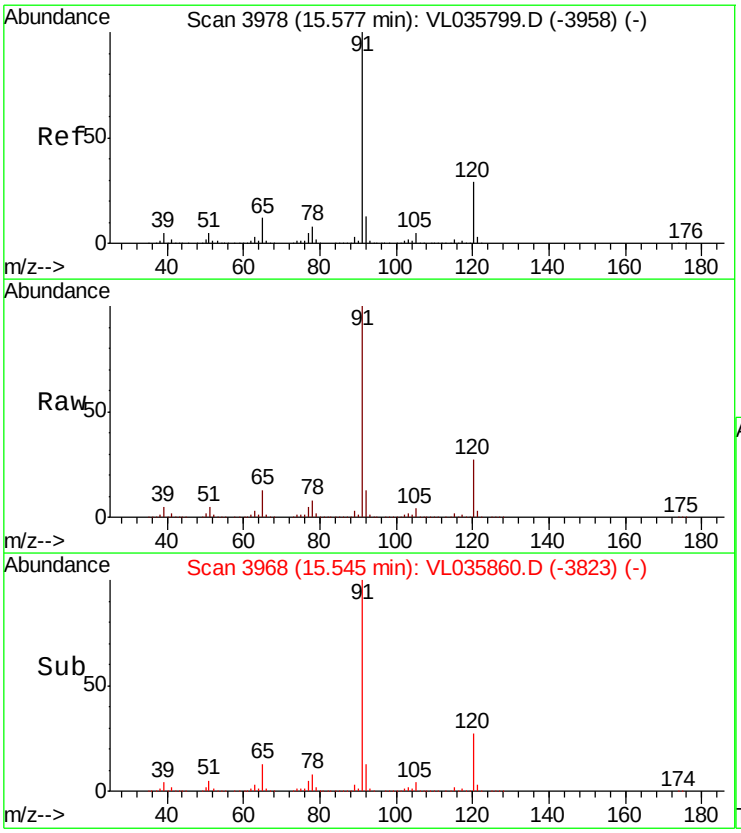
#63
1,1,2,2-Tetrachloroethane
Concen: 7.561 ppbv
RT: 13.66 min Scan# 3382
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 83 Resp: 2624233

Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.3	15.8
85	66.3	33.5	100.4

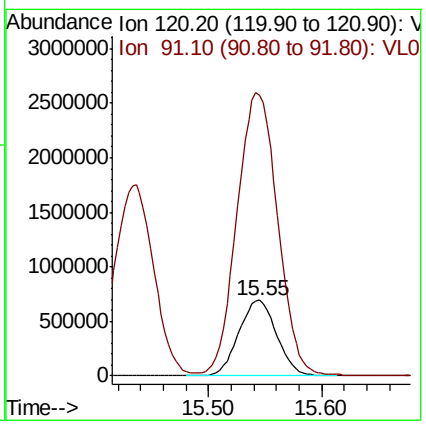


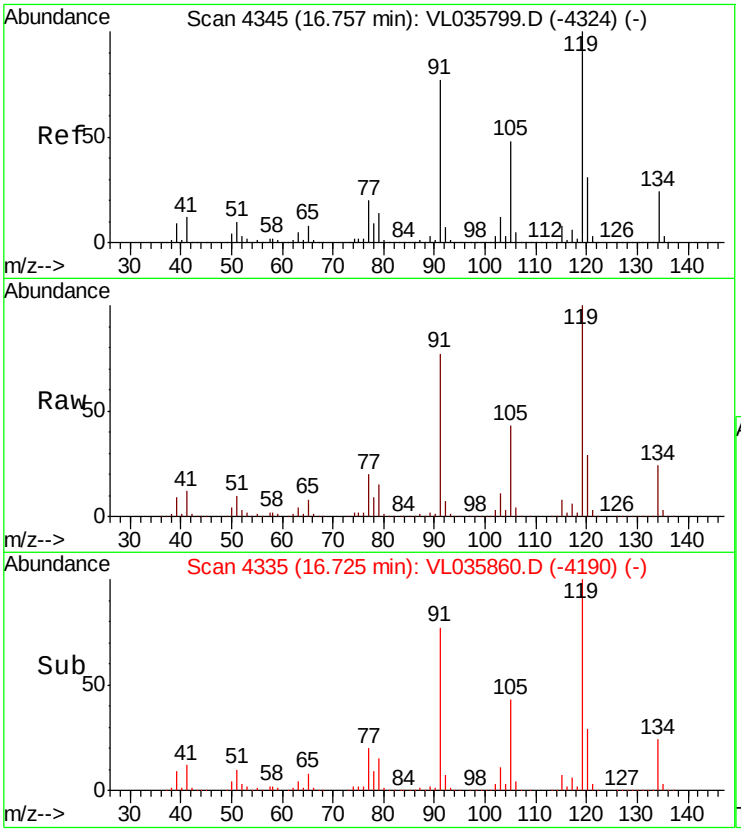


#64
n-propylbenzene
Concen: 7.983 ppbv
RT: 15.55 min Scan# 3968
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:120 Resp: 1624519

Ion	Ratio	Lower	Upper
120	100		
91	401.1	311.1	466.7



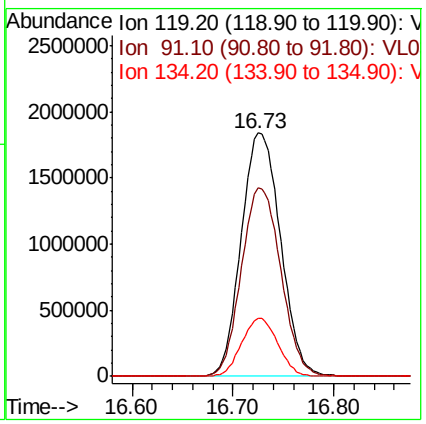


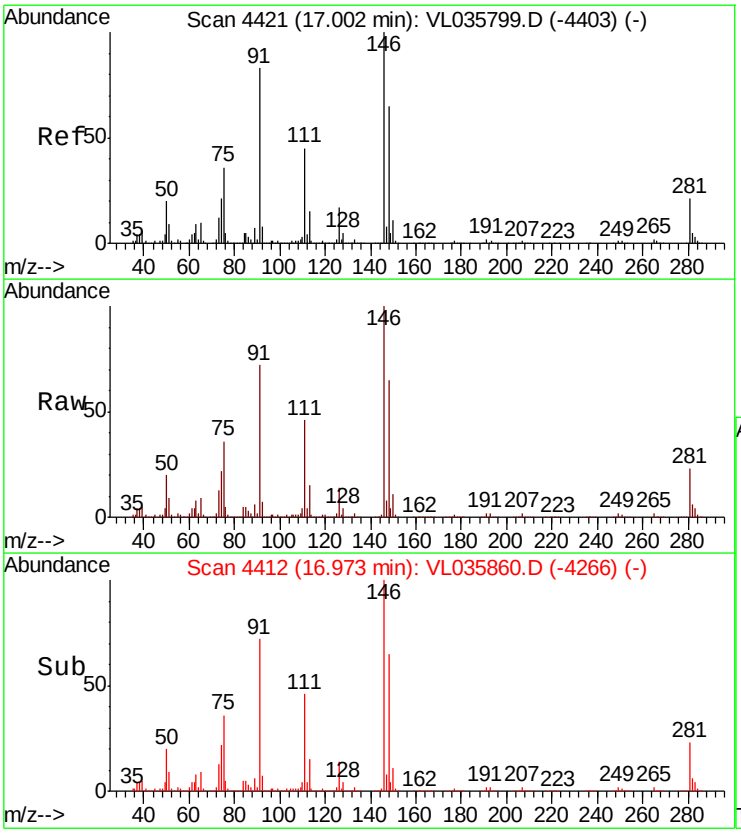
#65
tert-Butylbenzene
Concen: 7.776 ppbv
RT: 16.73 min Scan# 4335
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:119 Resp: 4983067

Ion	Ratio	Lower	Upper
119	100		
91	77.9	62.0	93.0
134	22.0	17.8	26.8

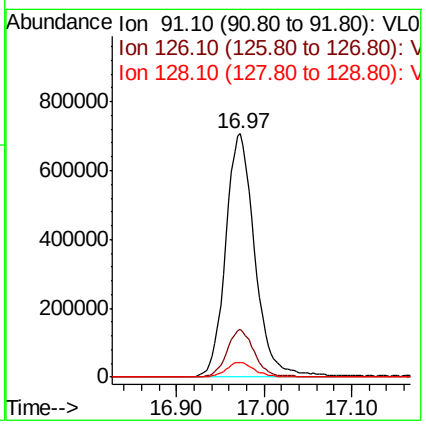


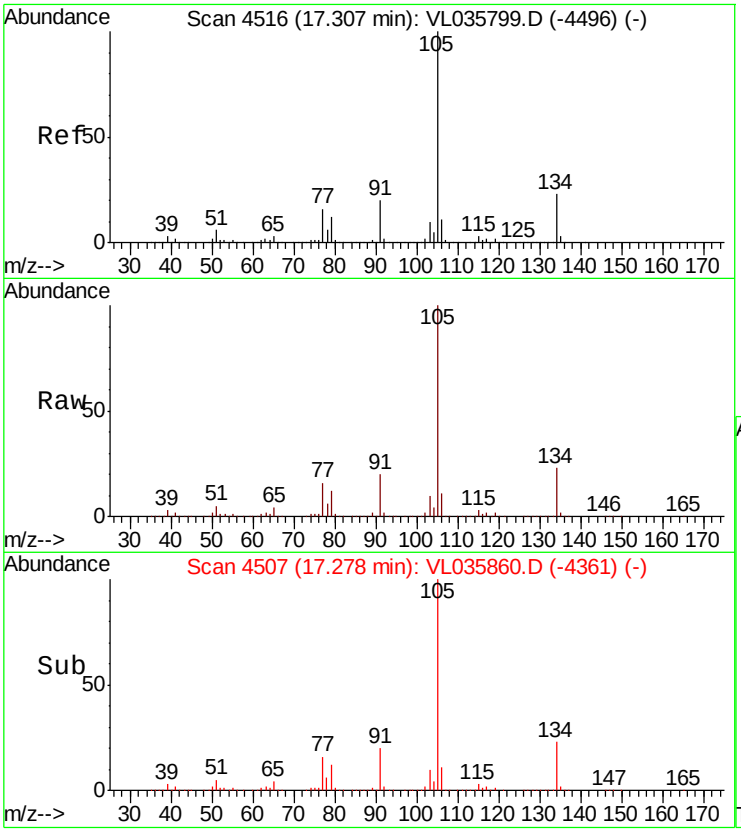


#66
Benzyl Chloride
Concen: 7.671 ppbv
RT: 16.97 min Scan# 4412
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 91 Resp: 1624909

Ion	Ratio	Lower	Upper
91	100		
126	18.8	16.0	24.0
128	6.0	5.0	7.4



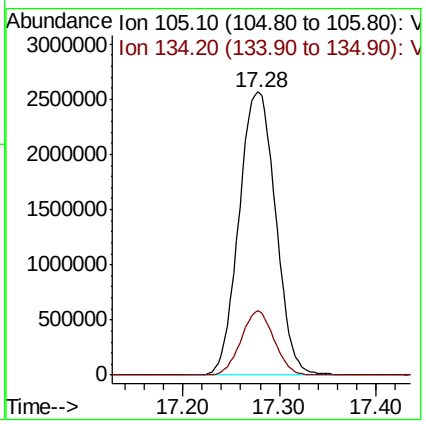


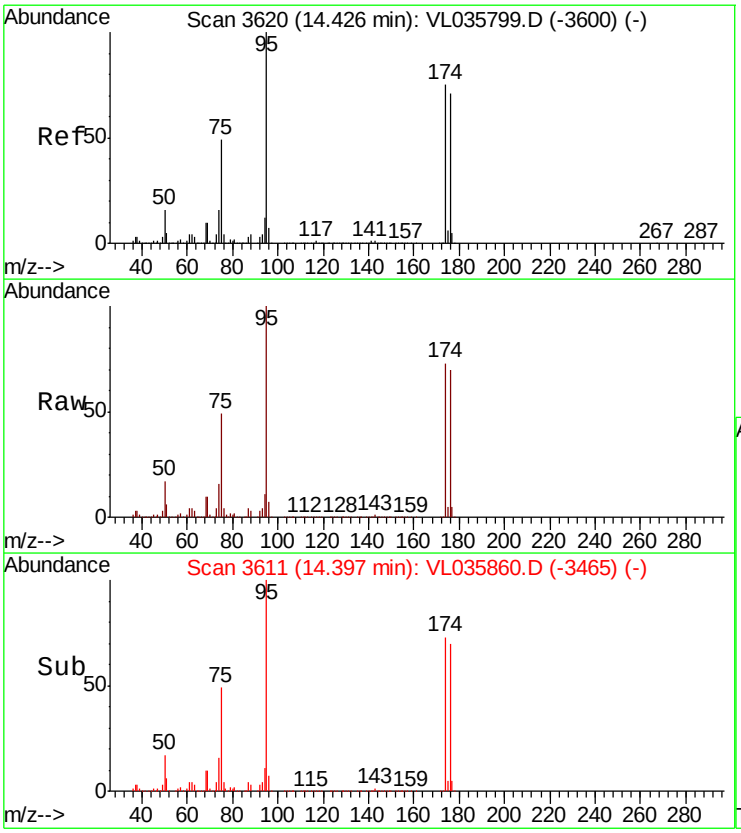
#67
sec-Butylbenzene
Concen: 7.805 ppbv
RT: 17.28 min Scan# 4507
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:105 Resp: 6740181

Ion	Ratio	Lower	Upper
105	100		
134	20.7	17.0	25.6

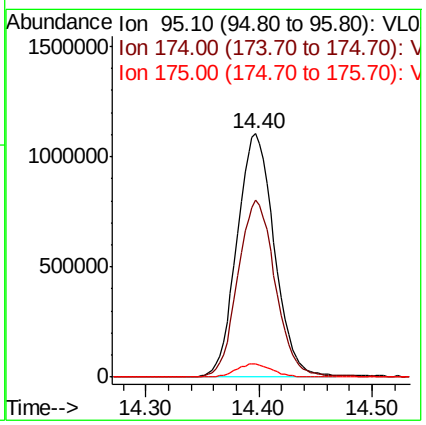


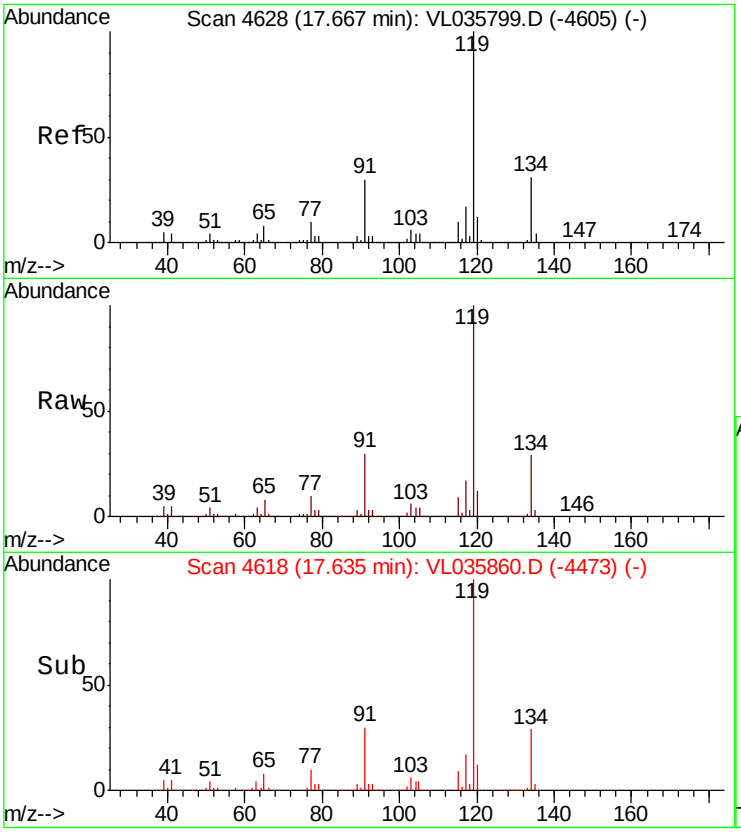


#68
1-Bromo-4-Fluorobenzene
Concen: 8.010 ppbv
RT: 14.40 min Scan# 3611
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 95 Resp: 2543175

Ion	Ratio	Lower	Upper
95	100		
174	73.7	59.8	89.6
175	5.3	4.3	6.5



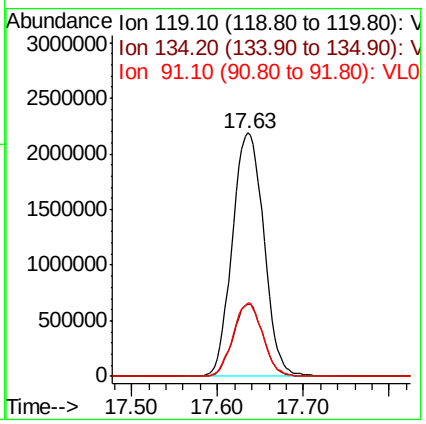


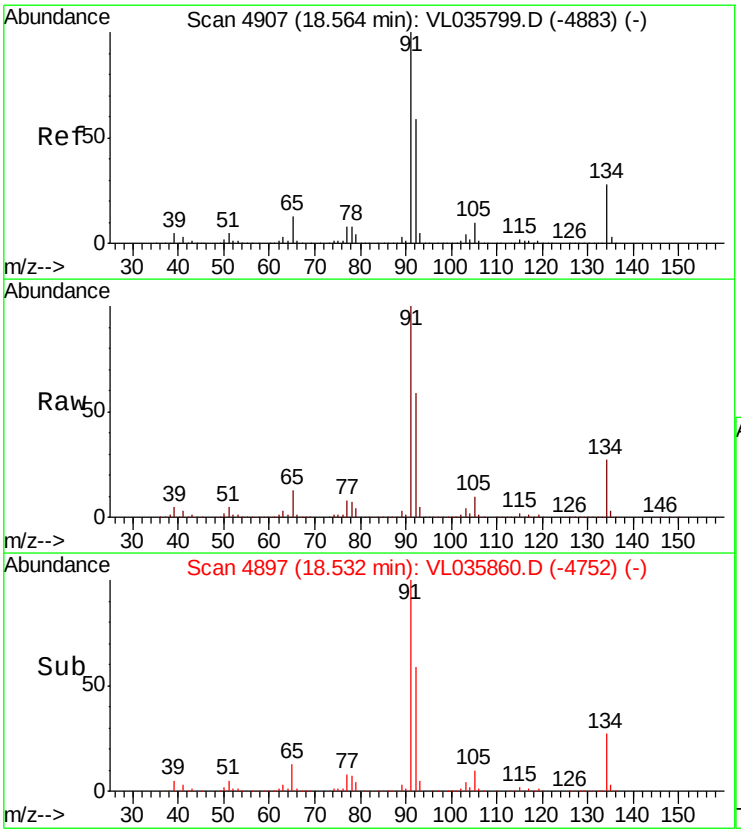
#69
p-Isopropyltoluene
Concen: 7.828 ppbv
RT: 17.63 min Scan# 4618
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:119 Resp: 5578444

Ion	Ratio	Lower	Upper
119	100		
134	28.1	23.0	34.6
91	28.5	22.8	34.2

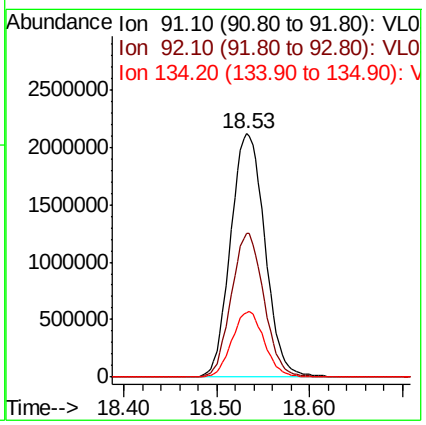


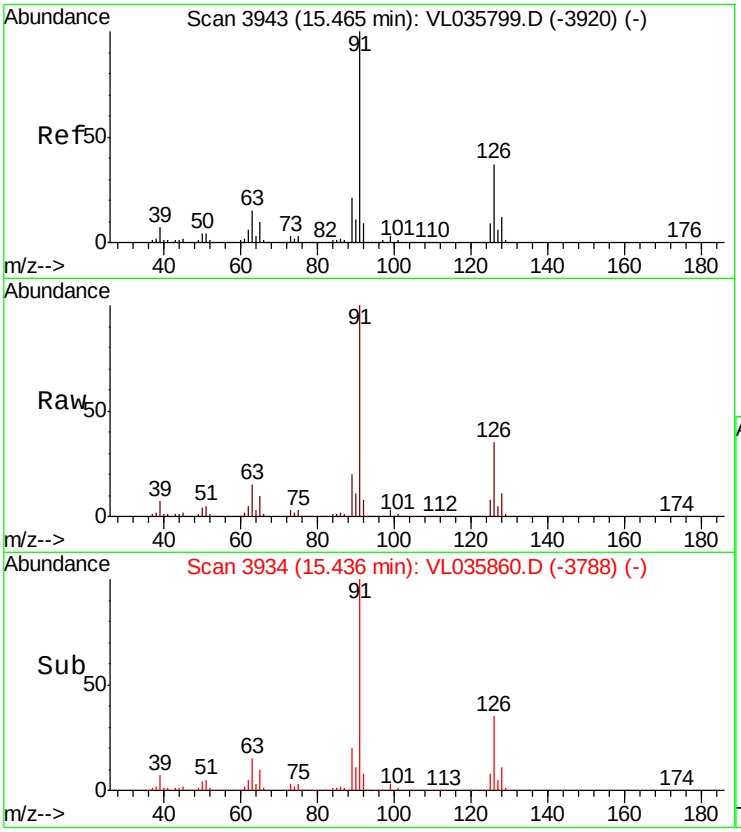


#70
n-Butylbenzene
Concen: 7.909 ppbv
RT: 18.53 min Scan# 4897
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion: 91 Resp: 5428139

Ion	Ratio	Lower	Upper
91	100		
92	56.4	45.7	68.5
134	25.6	21.0	31.4



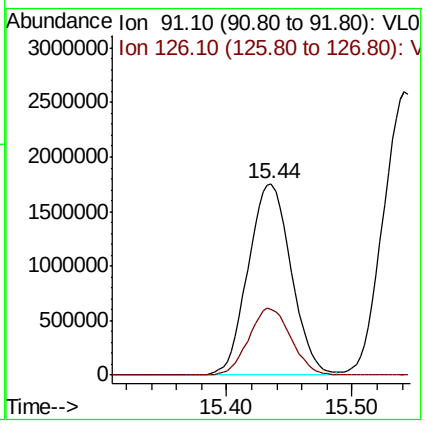


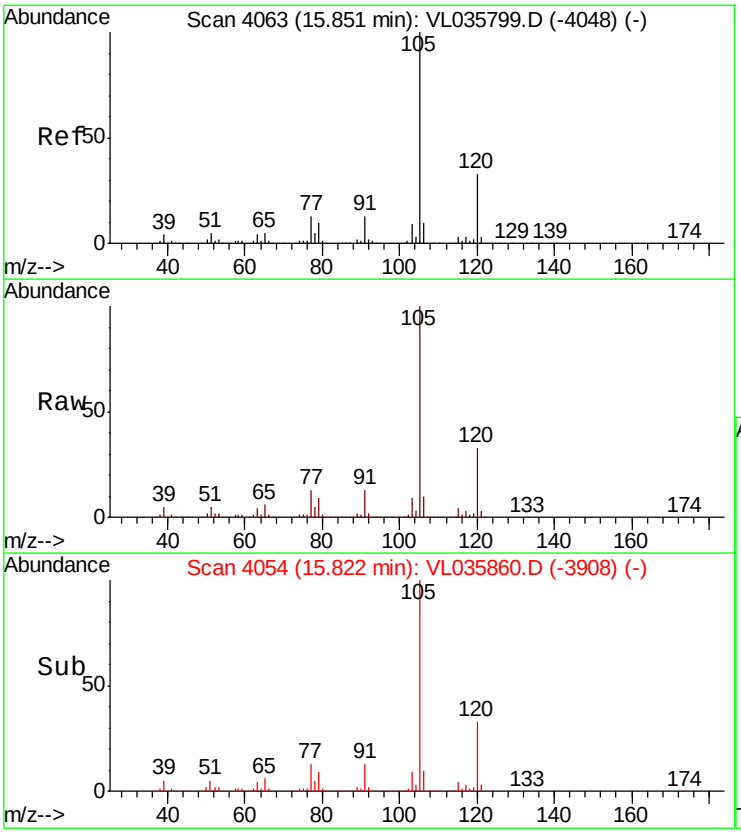
#71
2-Chlorotoluene
Concen: 8.122 ppbv
RT: 15.44 min Scan# 3934
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion: 91 Resp: 4182640

Ion	Ratio	Lower	Upper
91	100		
126	34.5	14.3	57.1

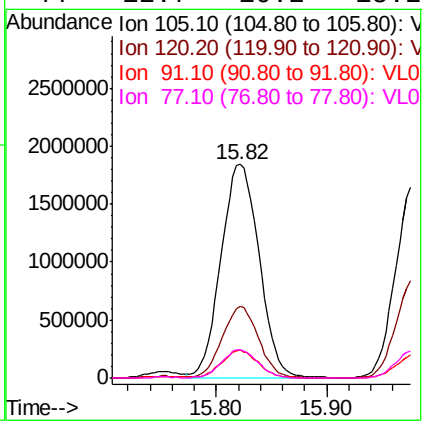


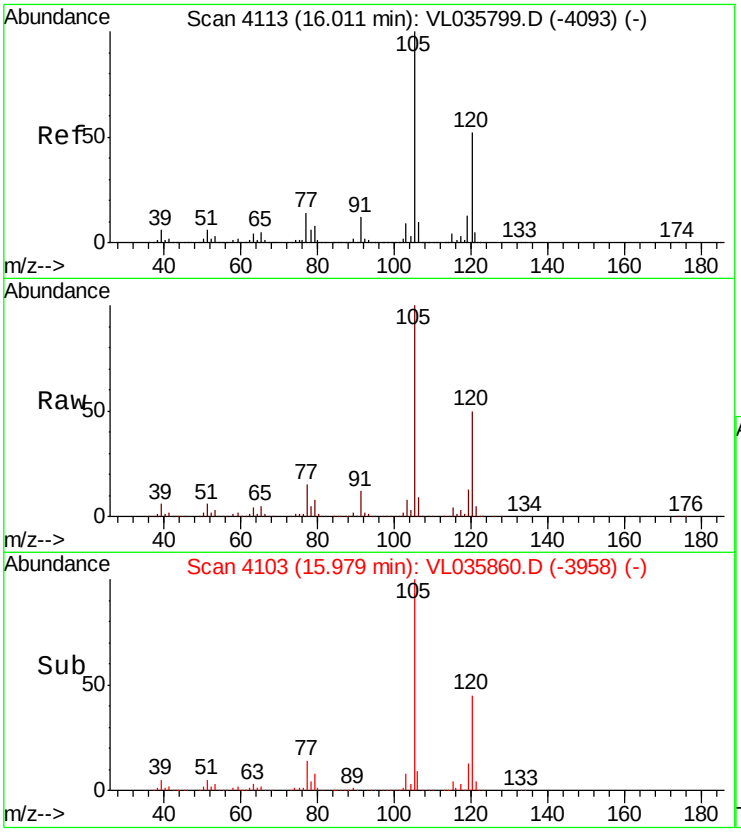


#72
4-Ethyltoluene
Concen: 8.122 ppbv
RT: 15.82 min Scan# 4054
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:105 Resp: 4412309

Ion	Ratio	Lower	Upper
105	100		
120	32.1	25.9	38.9
91	12.3	9.9	14.9
77	12.7	10.2	15.2



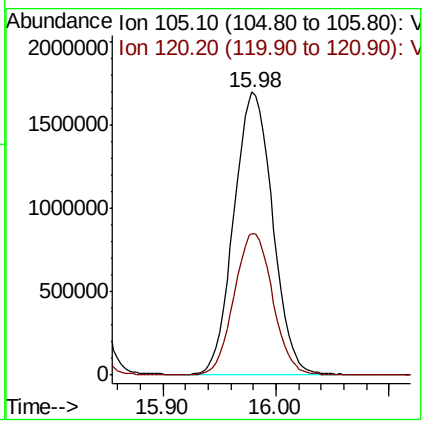


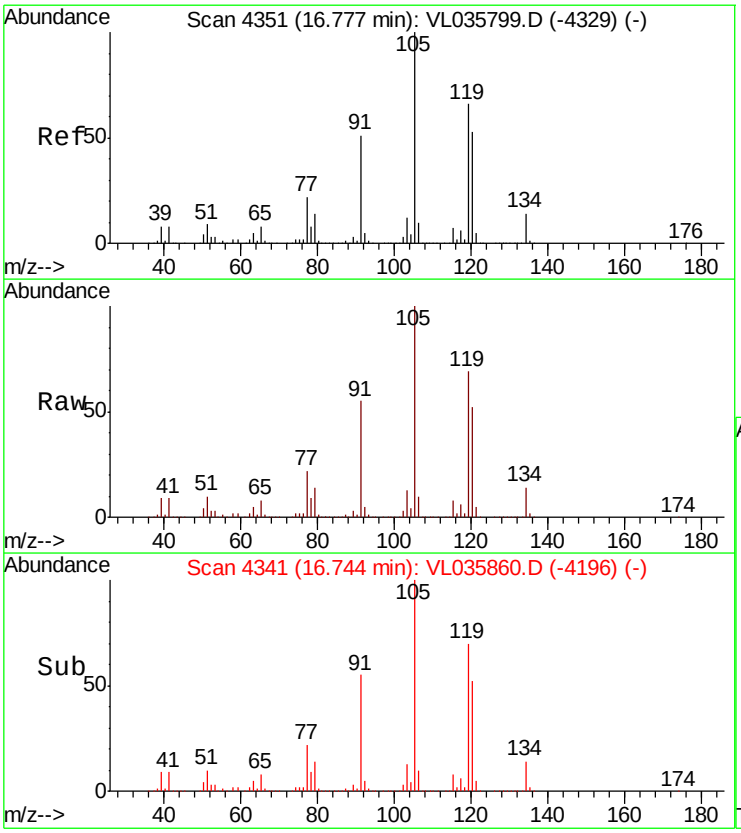
#73
1,3,5-Trimethylbenzene
Concen: 8.131 ppbv
RT: 15.98 min Scan# 4103
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:105 Resp: 4042720

Ion	Ratio	Lower	Upper
105	100		
120	49.8	41.4	62.2

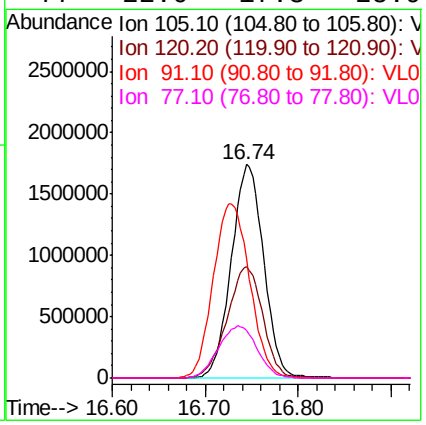


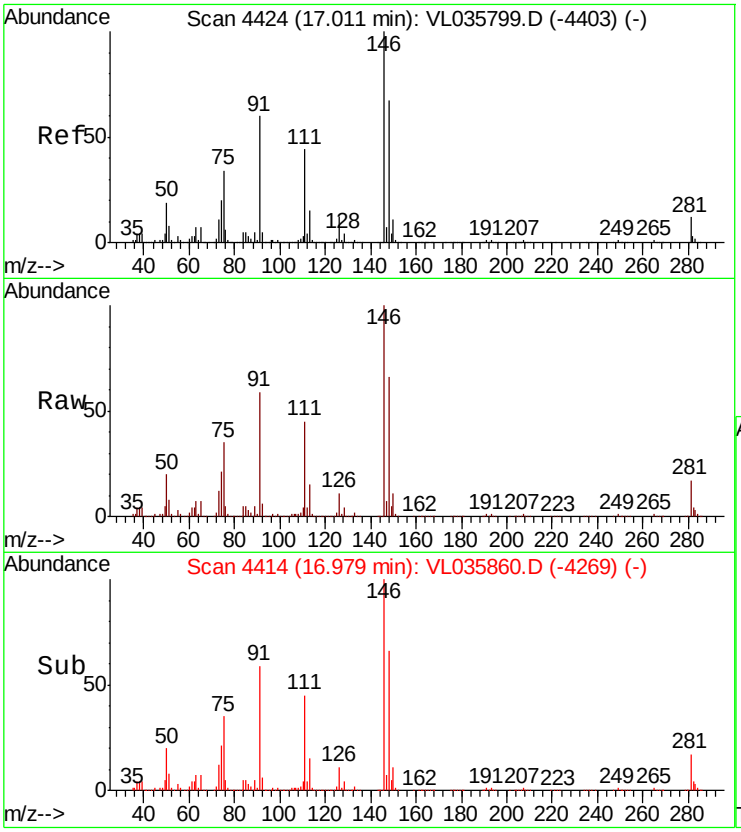


#74
1,2,4-Trimethylbenzene
Concen: 7.907 ppbv
RT: 16.74 min Scan# 4341
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:105 Resp: 4212124

Ion	Ratio	Lower	Upper
105	100		
120	52.2	42.0	63.0
91	55.4	41.0	61.6
77	22.0	17.3	25.9



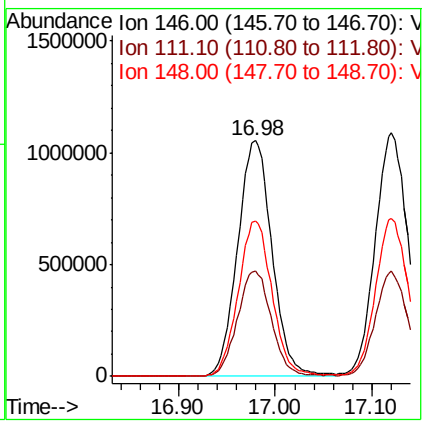


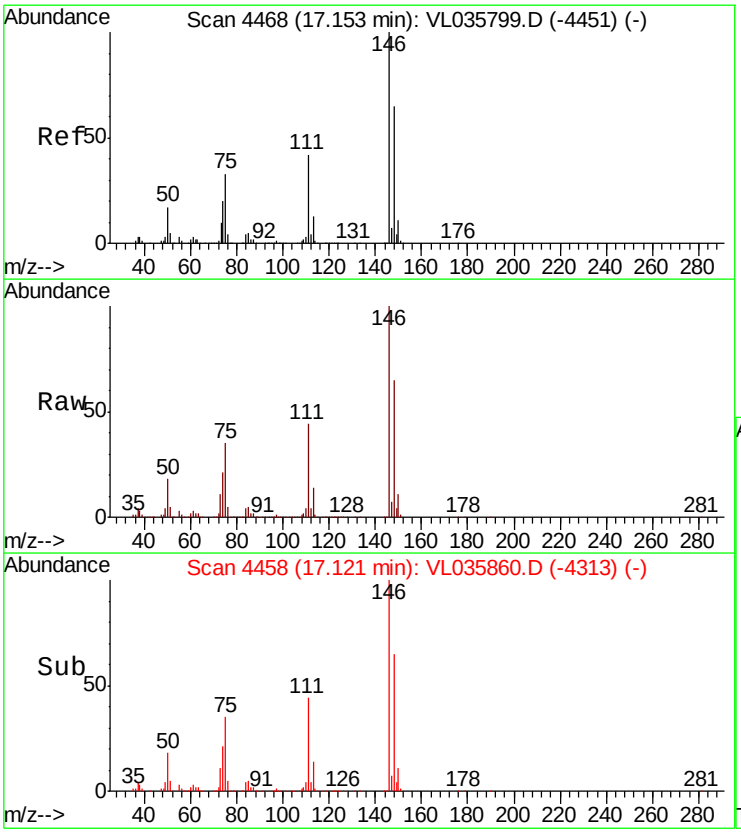
#75
1,3-Dichlorobenzene
Concen: 7.704 ppbv
RT: 16.98 min Scan# 4414
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:146 Resp: 2613106

Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.8	65.4
148	65.0	32.5	97.5

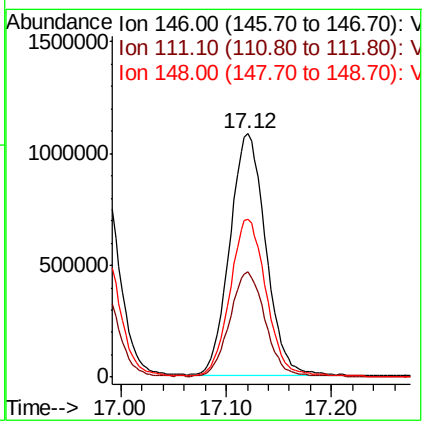


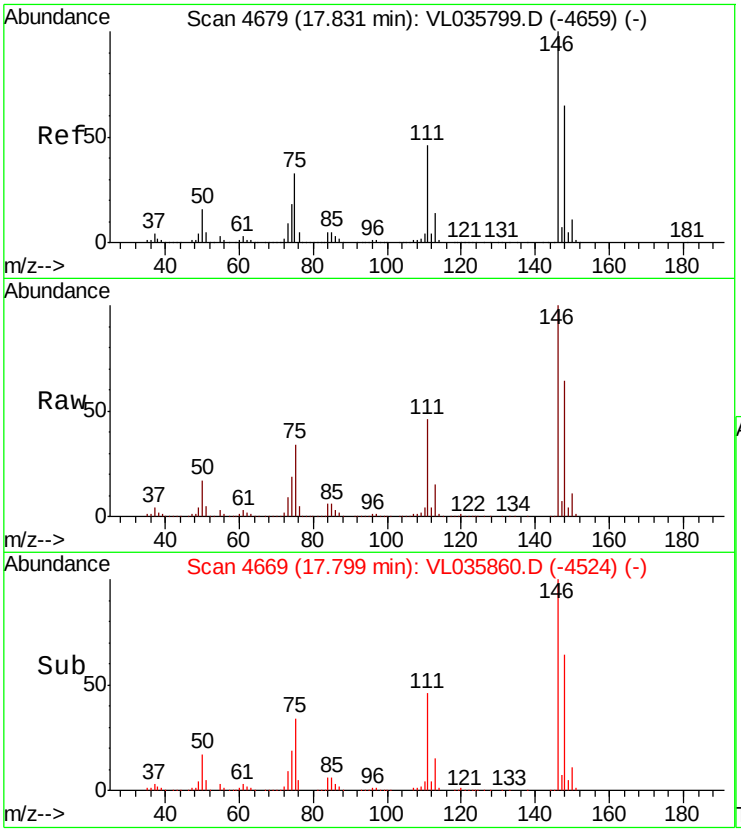


#76
1,4-Dichlorobenzene
Concen: 7.841 ppbv
RT: 17.12 min Scan# 4458
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:146 Resp: 2565642

Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	63.7
148	65.7	33.0	99.0



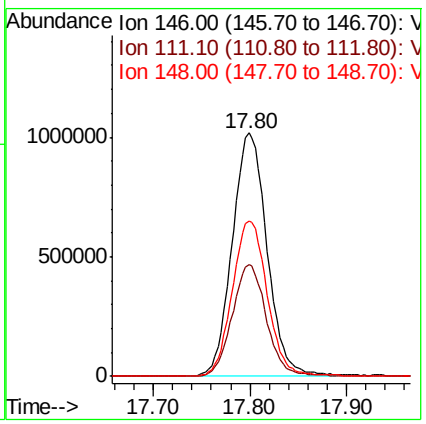


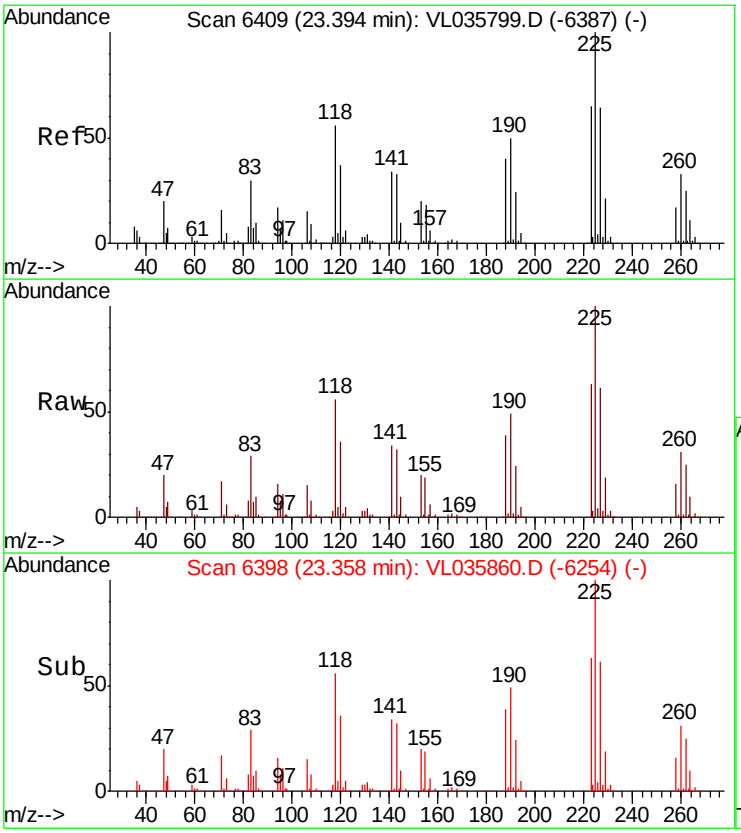
#77
1,2-Dichlorobenzene
Concen: 7.655 ppbv
RT: 17.80 min Scan# 4669
Delta R.T. -0.03 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:146 Resp: 2530995

Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.4	67.0
148	64.8	32.5	97.5

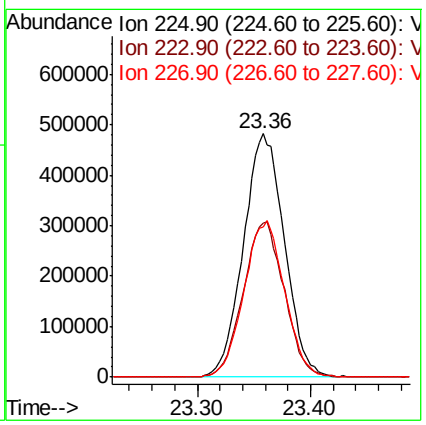


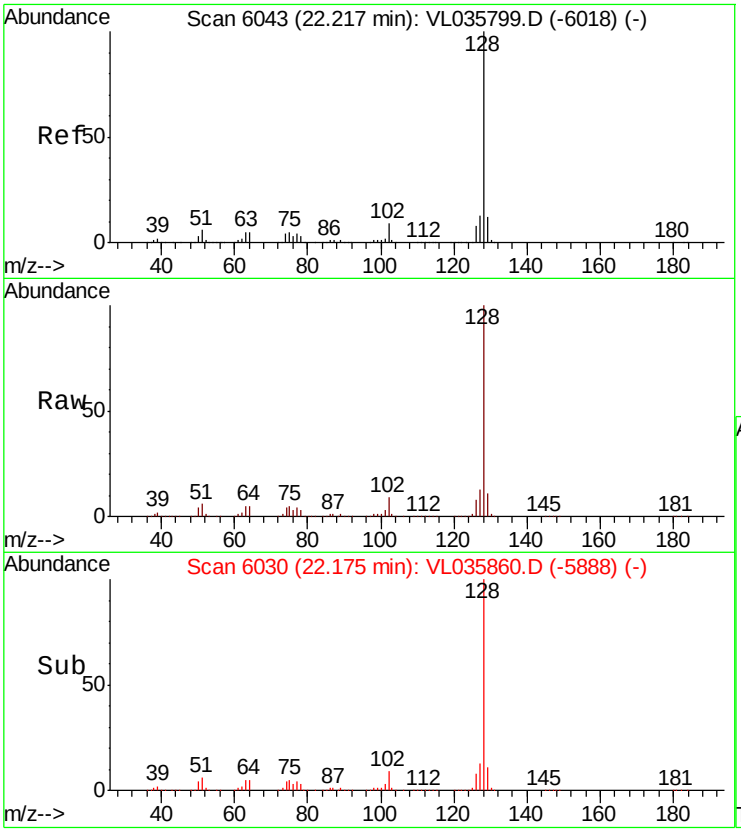


#78
Hexachloro-1,3-Butadiene
Concen: 7.868 ppbv
RT: 23.36 min Scan# 6398
Delta R.T. -0.04 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:225 Resp: 1213840

Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.9	51.2	76.8



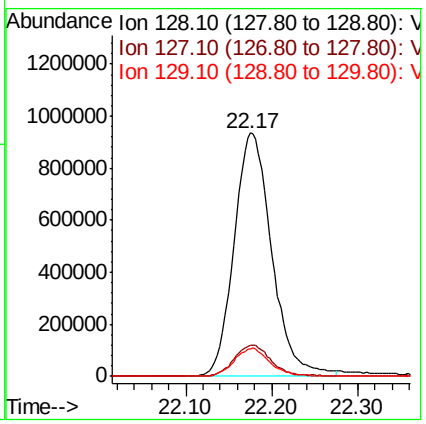


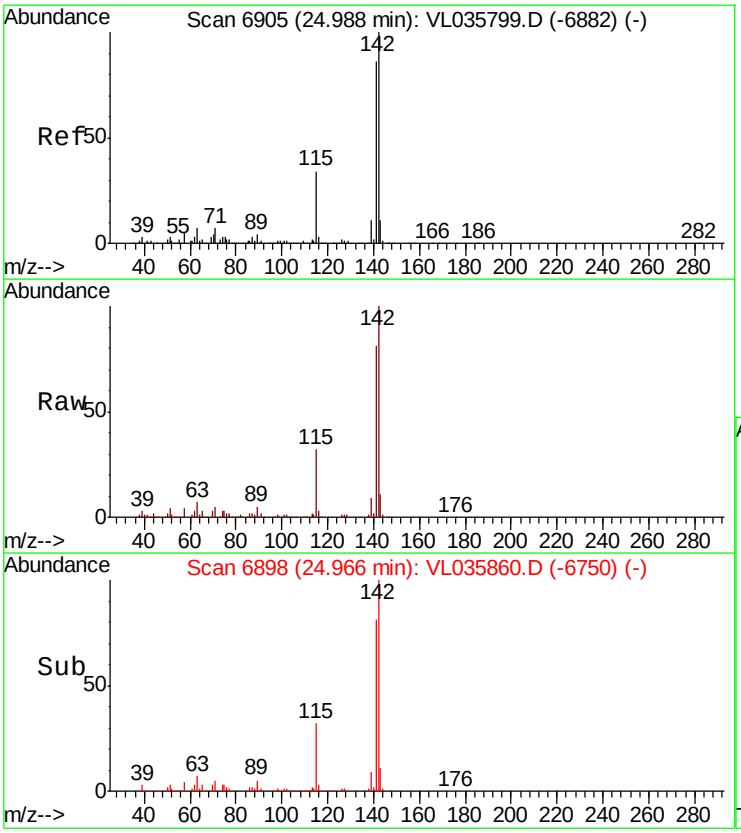
#79
Naphthalene
Concen: 7.659 ppbv
RT: 22.17 min Scan# 6030
Delta R.T. -0.04 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument : MSVOA_L
ClientSampleId : VL1105ABS01

Tgt Ion:128 Resp: 2844100

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.4	9.2	13.8

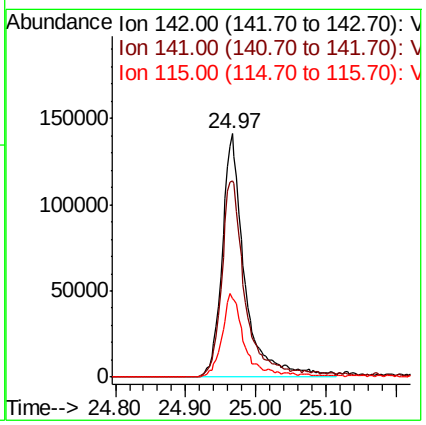


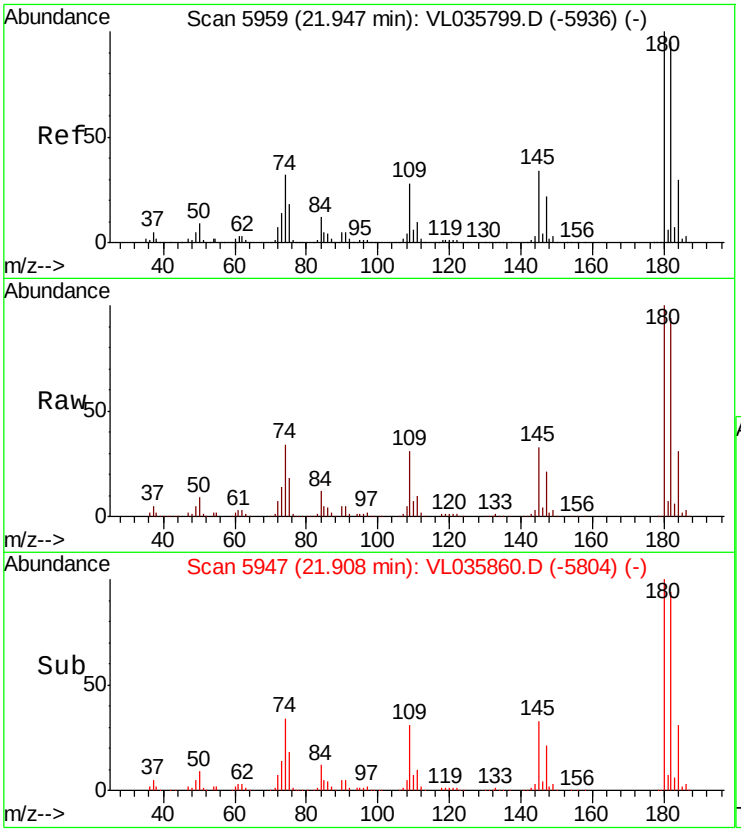


#80
Naphthalene,2-methyl-
Concen: 5.227 ppbv
RT: 24.97 min Scan# 6898
Delta R.T. -0.02 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Tgt Ion:142 Resp: 316318

Ion	Ratio	Lower	Upper
142	100		
141	87.0	67.8	101.8
115	35.3	28.1	42.1





#81
1,2,4-Trichlorobenzene
Concen: 7.413 ppbv
RT: 21.91 min Scan# 5947
Delta R.T. -0.04 min
Lab File: VL035860.D
Acq: 5 Nov 2020 13:57

Instrument :
MSVOA_L
ClientSampleId :
VL1105ABS01

Tgt Ion:180 Resp: 1537941

Ion	Ratio	Lower	Upper
180	100		
182	98.3	77.2	115.8
184	31.5	24.7	37.1