Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034811.D
Acq On : 6 Mar 2020 1:34
Operator : SY/AP
Sample : L1698-07DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Quant Time: Mar 06 03:51:14 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	5.66	49	497299	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.18	114	1174350	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.11	117	1142928	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	947938	9.95	ppbv	-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.50%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.92	51	1746	0.031	ppbv #	81
5) Vinyl Chloride	3.22	62	1034823	32.099	ppbv	98
7) Chloroethane	3.22	64	332733	29.849	ppbv #	44
9) Propene	2.97	41	211780	9.497	ppbv	90
10) Heptane	8.14	43	490528	8.655	ppbv	96
13) Ethanol	3.58	45	50466	6.605	ppbv	99
15) Acetone	3.83	43	1037078	17.415	ppbv #	86
16) 1,3-Butadiene	3.27	39	90863	3.372	ppbv #	18
18) 1,1-Dichloroethene	4.27	96	13646	0.618	ppbv	93
19) Isopropyl Alcohol	3.96	45	56664	1.588	ppbv #	93
20) Methylene Chloride	4.32	84	136789	6.436	ppbv	98
21) Allyl Chloride	4.34	41	49815	1.321	ppbv #	71
22) trans-1,2-Dichloroethene	4.87	96	34398	1.595	ppbv	95
23) Vinyl Acetate	5.04	43	290218	3.634	ppbv #	1
24) 1,1-Dichloroethane	5.00	63	324678	5.238	ppbv	99
25) Ethyl Acetate	5.68	43	361338	3.511	ppbv #	76
26) Hexane	5.68	57	510811	11.362	ppbv #	42
27) Carbon Disulfide	4.53	76	22029	0.419	ppbv #	93
30) Cyclohexane	7.14	84	259120	7.534	ppbv	97
31) cis-1,2-Dichloroethene	5.54	61	4633623	100.489	ppbv #	86
32) 1,1,1-Trichloroethane	6.51	97	343454	4.593	ppbv	97
34) 2-Butanone	5.24	43	29567	0.387	ppbv #	59
36) Benzene	6.90	78	3001266	29.908	ppbv	97
38) Trichloroethene	7.85	130	347401	8.882	ppbv	91
39) 1,2-Dichloropropane	7.62	63	285152	7.041	ppbv	93
40) 1,4-Dioxane	7.87	88	3172	0.226	ppbv #	1
41) Tetrahydrofuran	6.11	42	3405	0.087	ppbv	93
42) Bromodichloromethane	7.82	83	66484	0.767	ppbv #	25
43) Methyl Methacrylate	7.88	69	77757	1.829	ppbv #	1
44) 2,2,4-Trimethylpentane	7.89	57	558616	3.185	ppbv #	49
47) 1,1,2-Trichloroethane	9.46	97	15997	0.374	ppbv #	1
50) 4-Methyl-2-Pentanone	8.77	43	16260	0.149	ppbv #	39
51) 2-Hexanone	10.14	43	209738	2.442	ppbv #	31
52) Tetrachloroethene	11.26	164	115490	3.115	ppbv	94
53) Toluene	9.83	91	4071901	38.339	ppbv	98
57) Chlorobenzene	12.18	112	7885	0.090	ppbv #	26
58) Ethyl Benzene	12.74	91	930008	6.603	ppbv	95
59) m/p-Xylene	13.00	91	630712	5.173	ppbv	96
60) o-Xylene	13.72	91	325111	2.635	ppbv	96
61) Styrene	13.56	104	461386	6.029	ppbv	97
62) Isopropylbenzene	14.70	105	58281	0.321	ppbv	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

Quantitation Report (Not Reviewed)

Data File : VL034811.D
Acq On : 6 Mar 2020 1:34
Operator : SY/AP
Sample : L1698-07DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Quant Time: Mar 06 03:51:14 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)
63) 1,1,2,2-Tetrachloroethane	13.71	83	18038	0.185	ppbv	#	71
64) n-propylbenzene	15.59	120	2847	0.063	ppbv	#	1
65) tert-Butylbenzene	16.79	119	8904	0.058	ppbv	#	15
67) sec-Butylbenzene	17.33	105	11216	0.050	ppbv	#	81
71) 2-Chlorotoluene	15.80	91	32410	0.236	ppbv		90
72) 4-Ethyltoluene	15.87	105	75742	0.551	ppbv	#	67
73) 1,3,5-Trimethylbenzene	16.03	105	114164	0.867	ppbv		94
74) 1,2,4-Trimethylbenzene	16.80	105	124625	0.870	ppbv	#	64

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

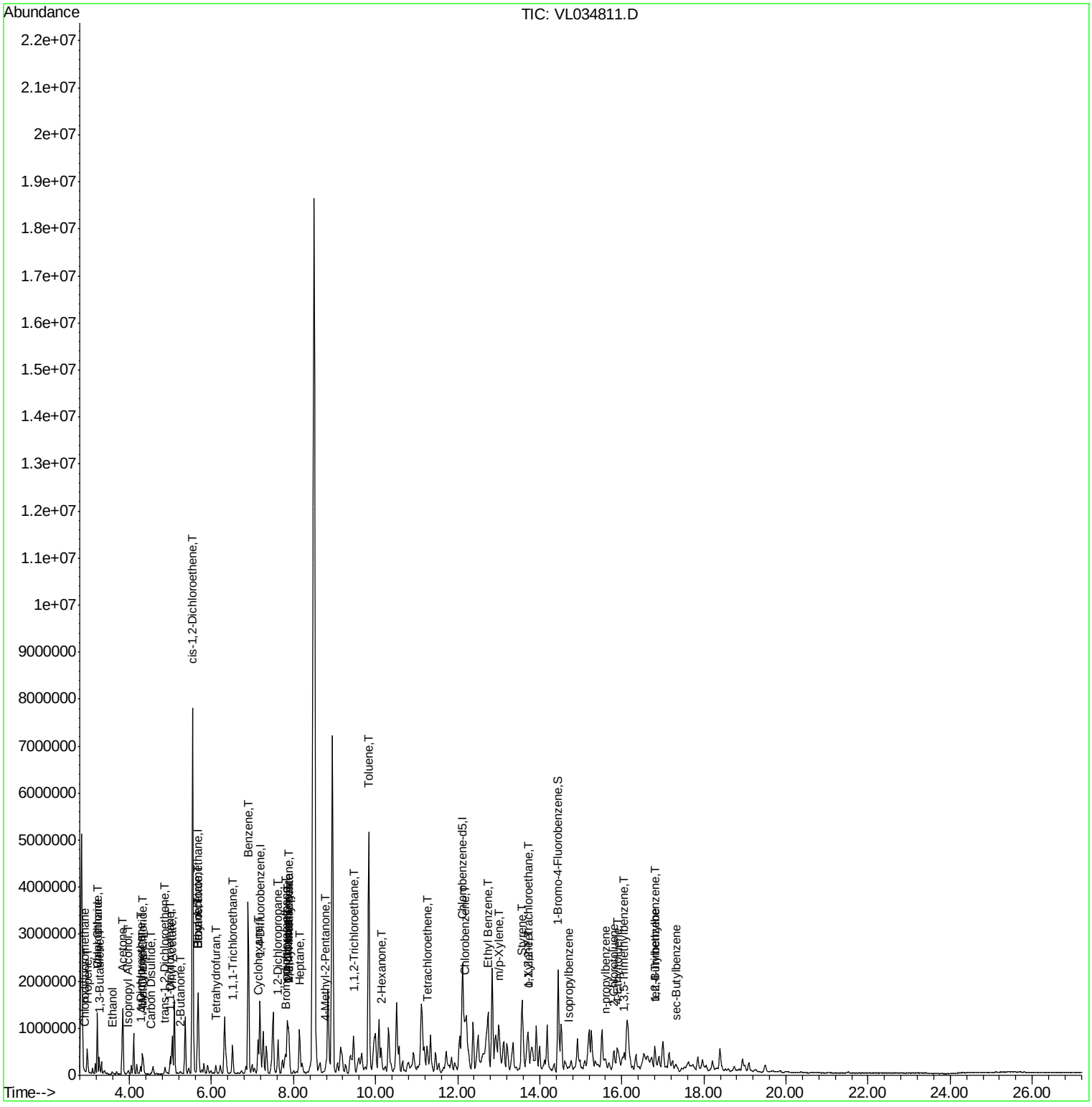
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

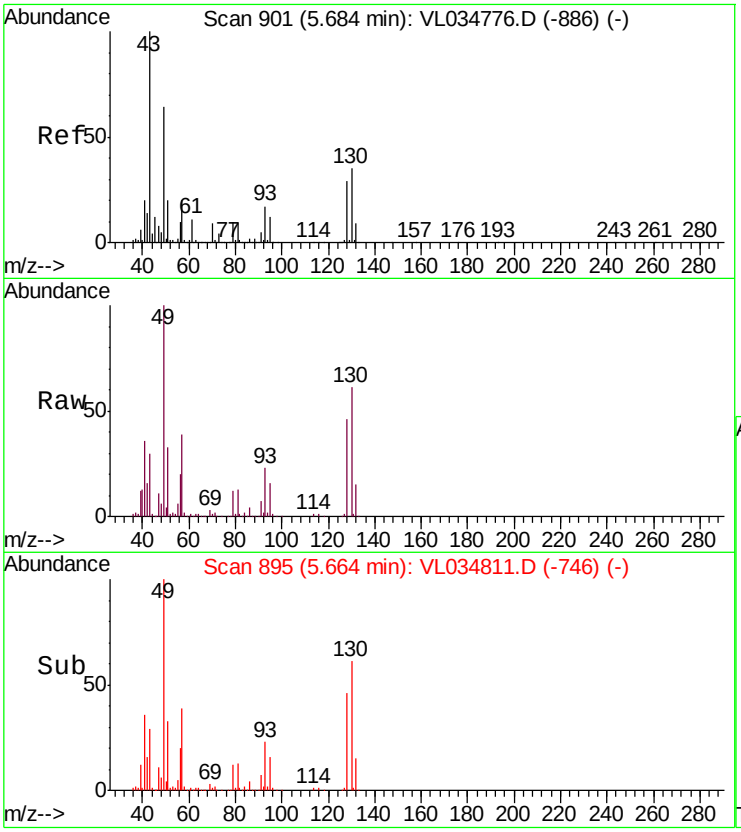
Quantitation Report (Not Reviewed)

Data File : VL034811.D
Acq On : 6 Mar 2020 1:34
Operator : SY/AP
Sample : L1698-07DL 40X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Quant Time: Mar 06 03:51:14 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



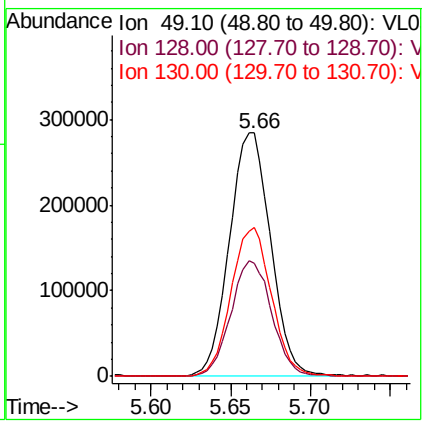


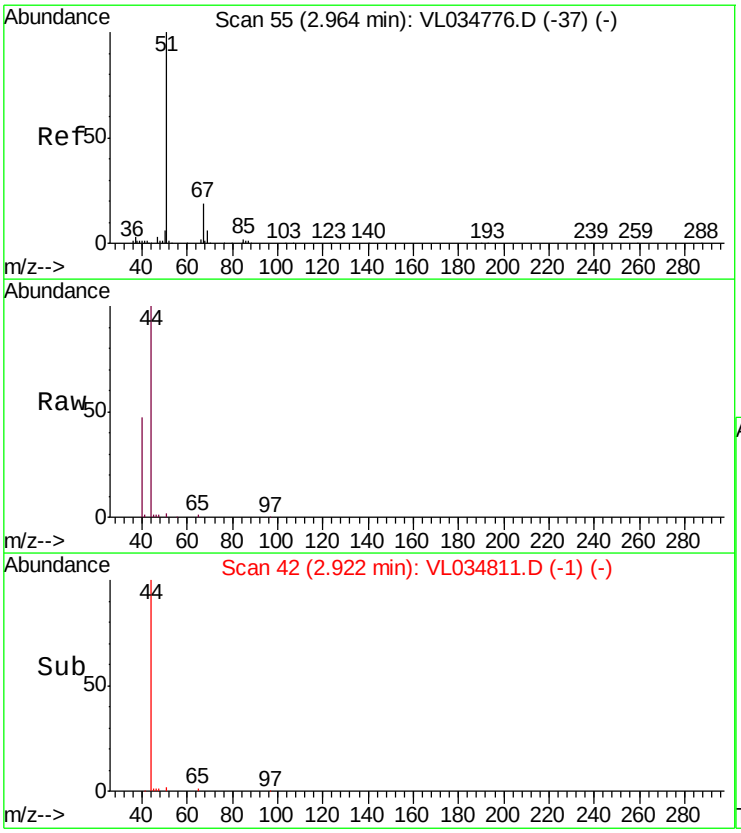
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 49 Resp: 497299

Ion	Ratio	Lower	Upper
49	100		
128	47.6	21.6	64.6
130	60.3	27.4	82.2

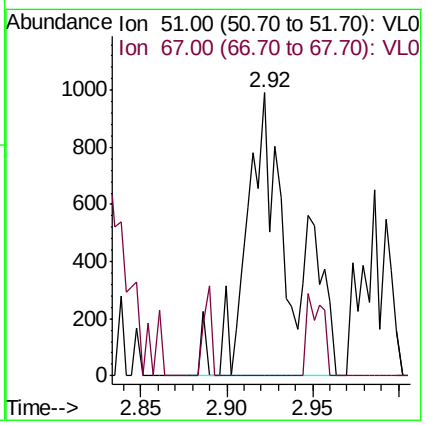


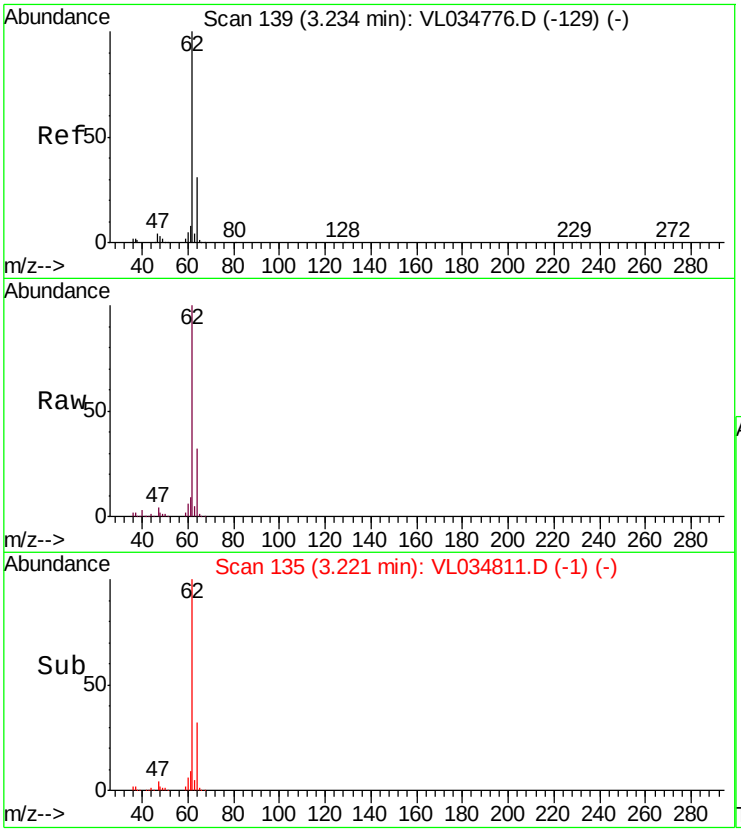


#3
Chlorodifluoromethane
Concen: 0.031 ppbv
RT: 2.92 min Scan# 42
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 51 Resp: 1746

Ion	Ratio	Lower	Upper
51	100		
67	10.7	15.3	22.9#



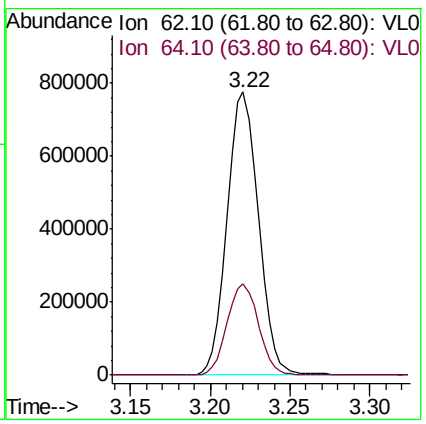


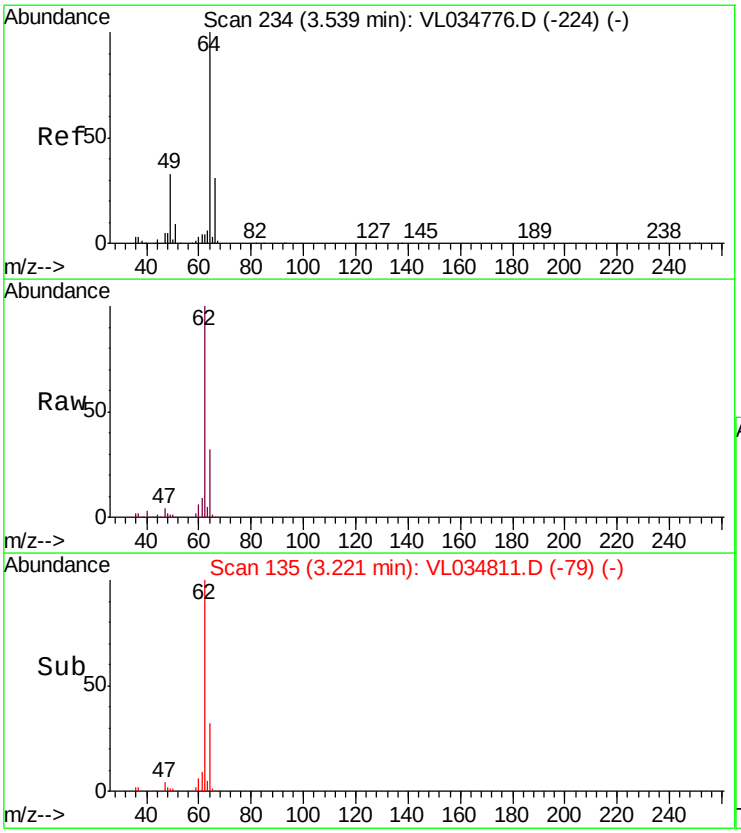
#5
Vinyl Chloride
Concen: 32.099 ppbv
RT: 3.22 min Scan# 135
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 62 Resp: 1034823

Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.1	37.7

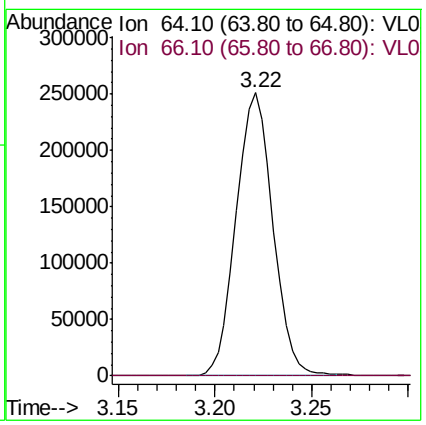


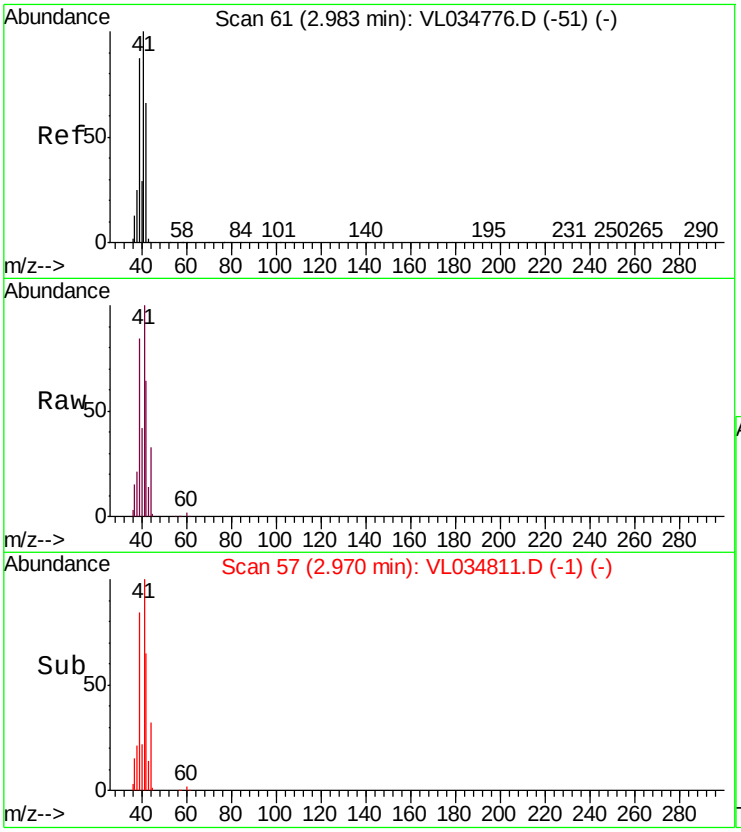


#7
Chloroethane
Concen: 29.849 ppbv
RT: 3.22 min Scan# 135
Delta R.T. -0.32 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 64 Resp: 332733

Ion	Ratio	Lower	Upper
64	100		
66	0.1	24.8	37.2#



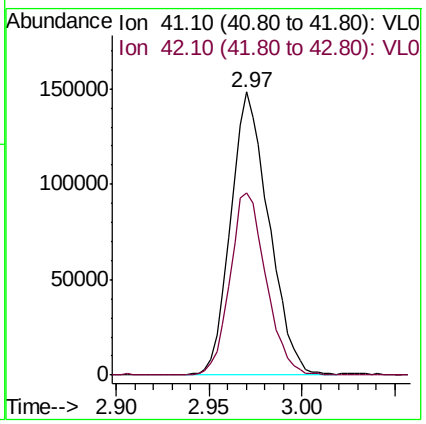


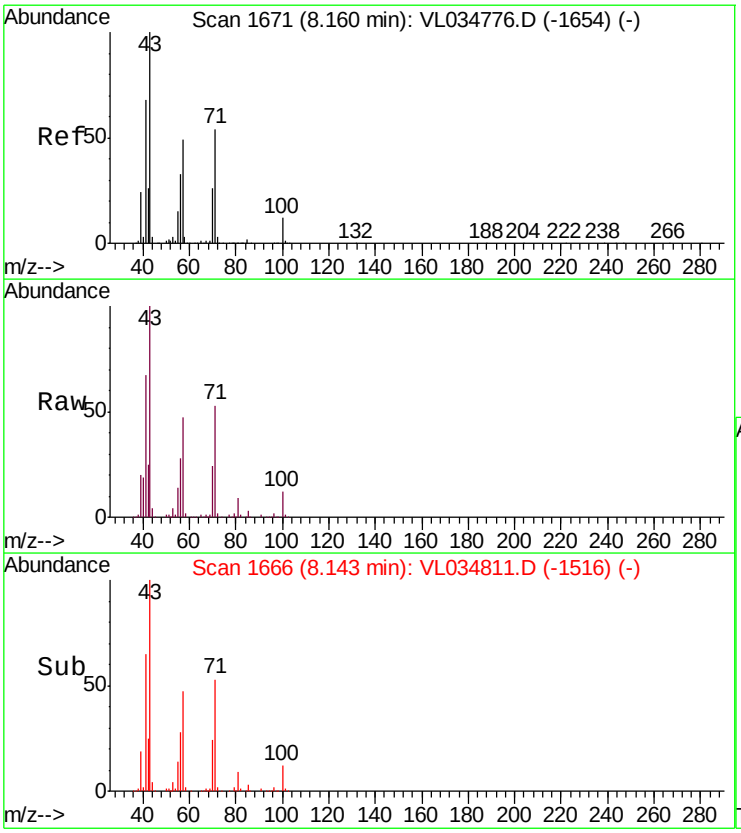
#9
Propene
Concen: 9.497 ppbv
RT: 2.97 min Scan# 57
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 41 Resp: 211780

Ion	Ratio	Lower	Upper
41	100		
42	61.1	55.6	83.4

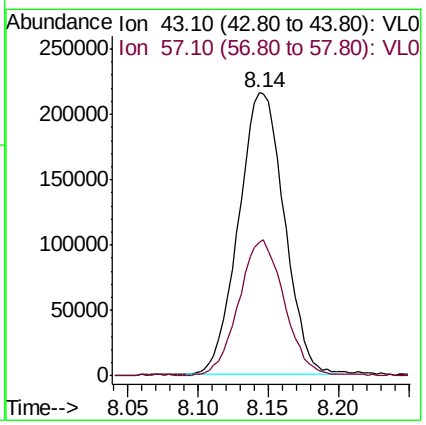


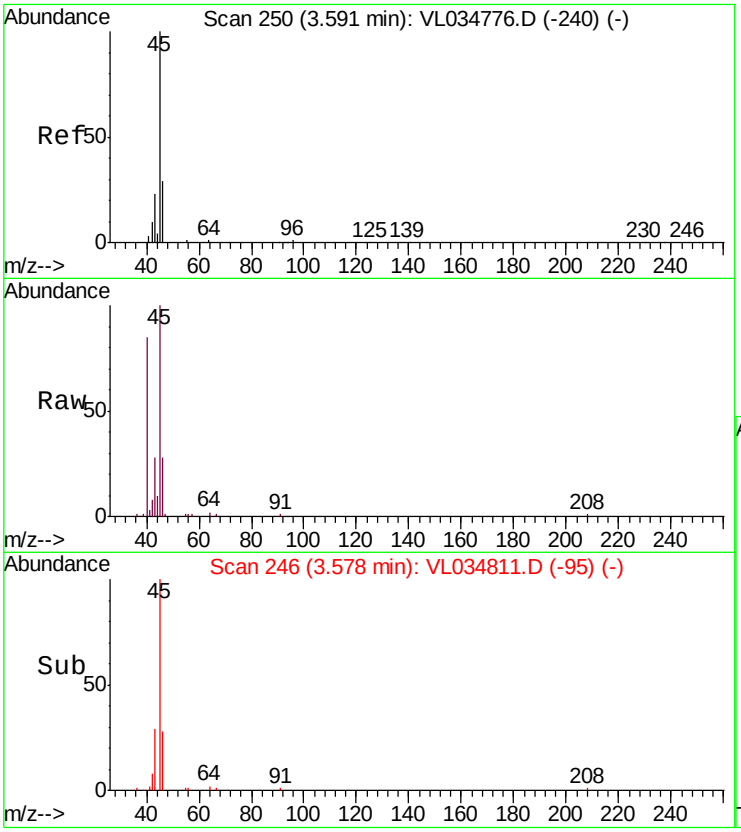


#10
Heptane
Concen: 8.655 ppbv
RT: 8.14 min Scan# 1666
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 43 Resp: 490528

Ion	Ratio	Lower	Upper
43	100		
57	47.9	40.5	60.7



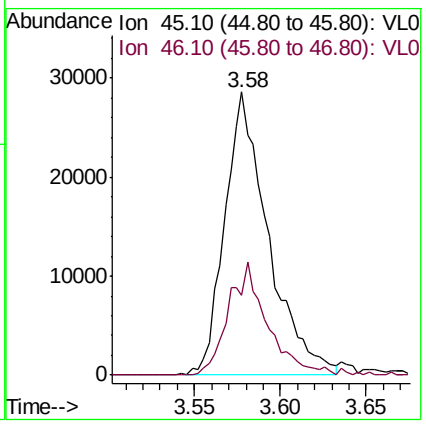


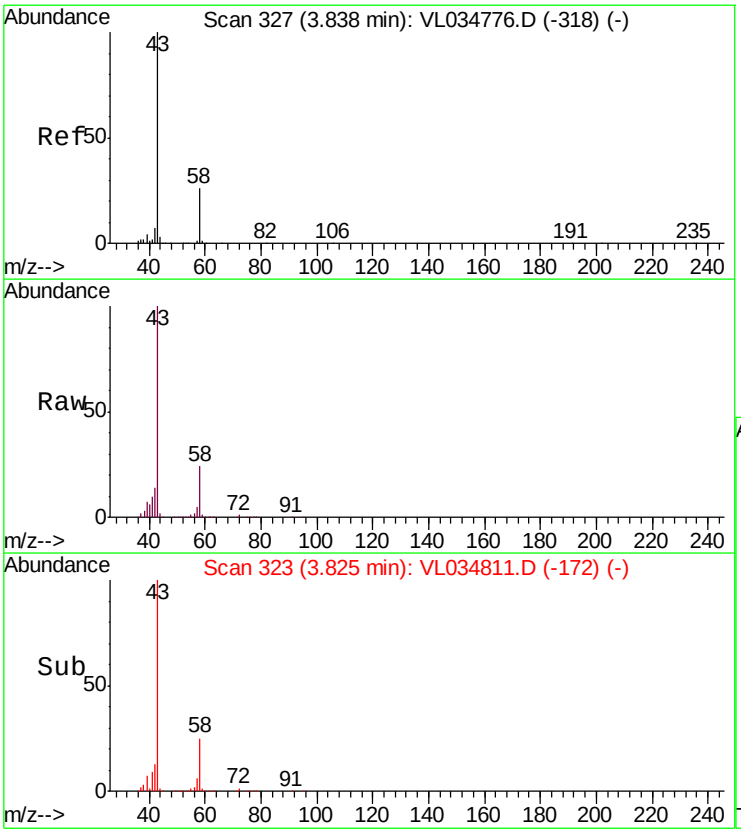
#13
Ethanol
Concen: 6.605 ppbv
RT: 3.58 min Scan# 246
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 45 Resp: 50466

Ion	Ratio	Lower	Upper
45	100		
46	36.0	14.7	58.9

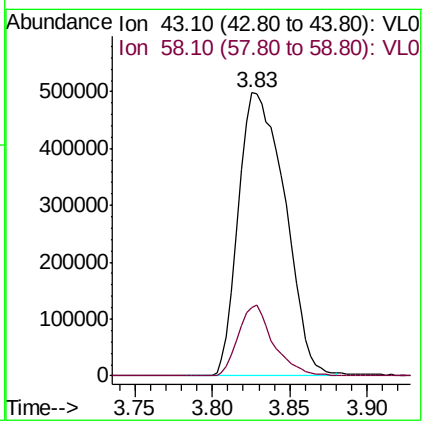


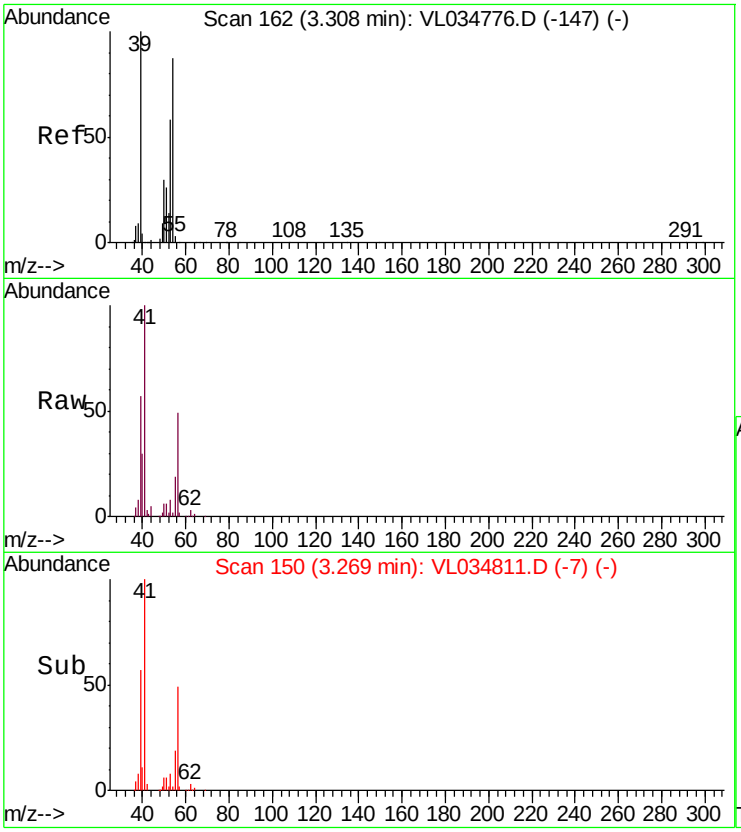


#15
Acetone
Concen: 17.415 ppbv
RT: 3.83 min Scan# 323
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 43 Resp: 1037078

Ion	Ratio	Lower	Upper
43	100		
58	19.2	21.0	31.6#



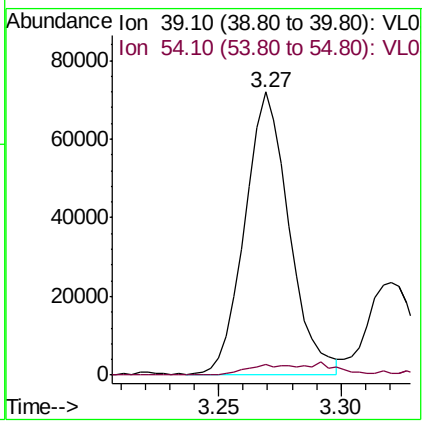


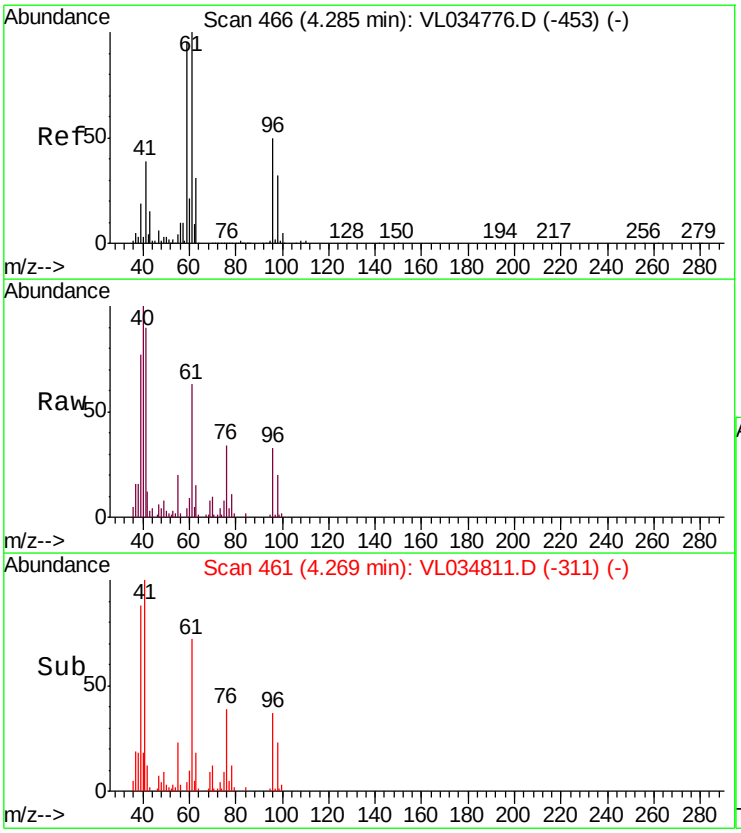
#16
1,3-Butadiene
Concen: 3.372 ppbv
RT: 3.27 min Scan# 150
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 39 Resp: 90863

Ion	Ratio	Lower	Upper
39	100		
54	8.0	64.2	96.2#

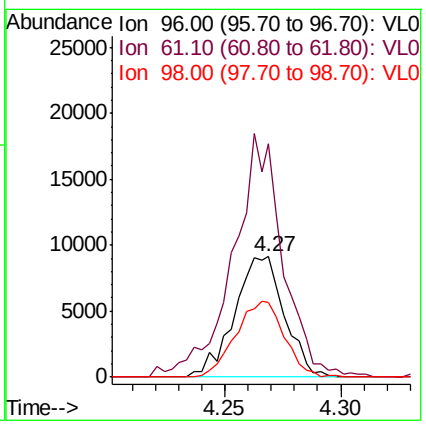


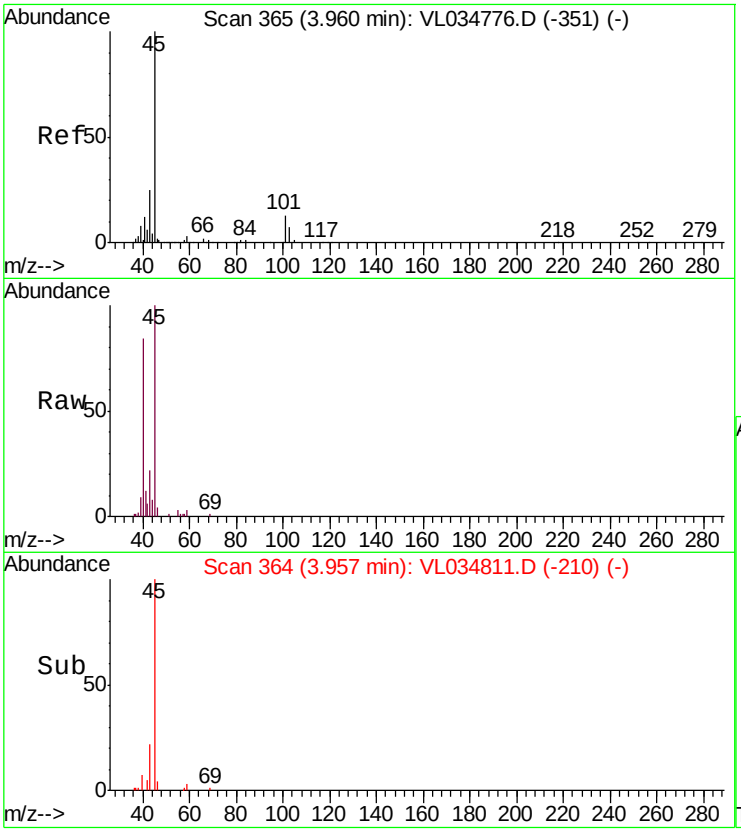


#18
1,1-Dichloroethene
Concen: 0.618 ppbv
RT: 4.27 min Scan# 461
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 96 Resp: 13646

Ion	Ratio	Lower	Upper
96	100		
61	187.2	159.5	239.3
98	62.5	51.1	76.7



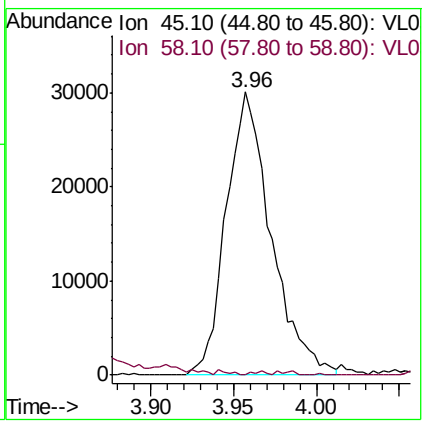


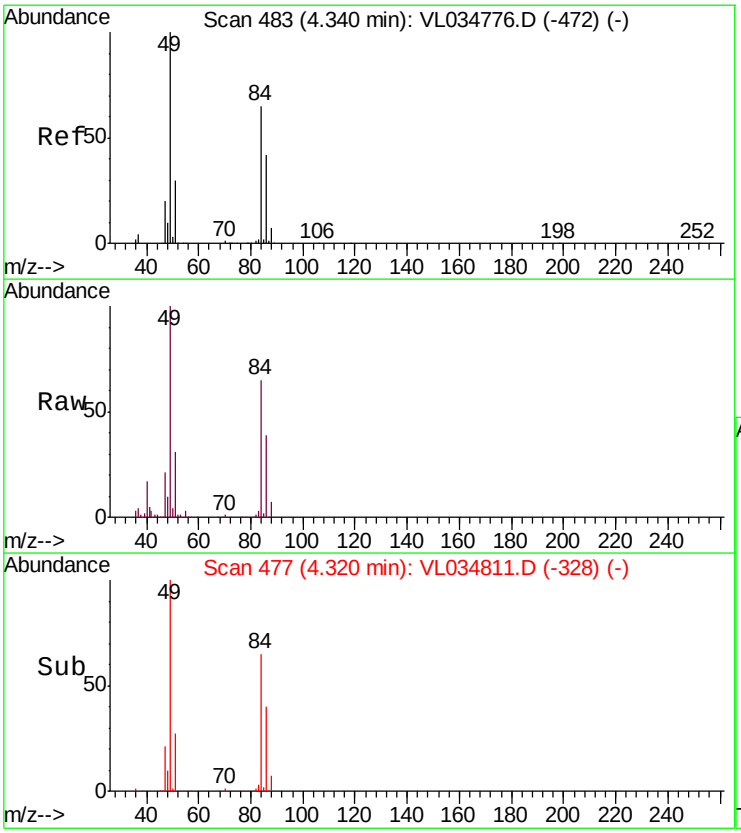
#19
Isopropyl Alcohol
Concen: 1.588 ppbv
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 45 Resp: 56664

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#

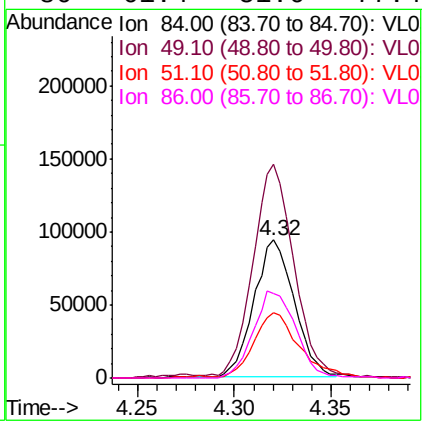


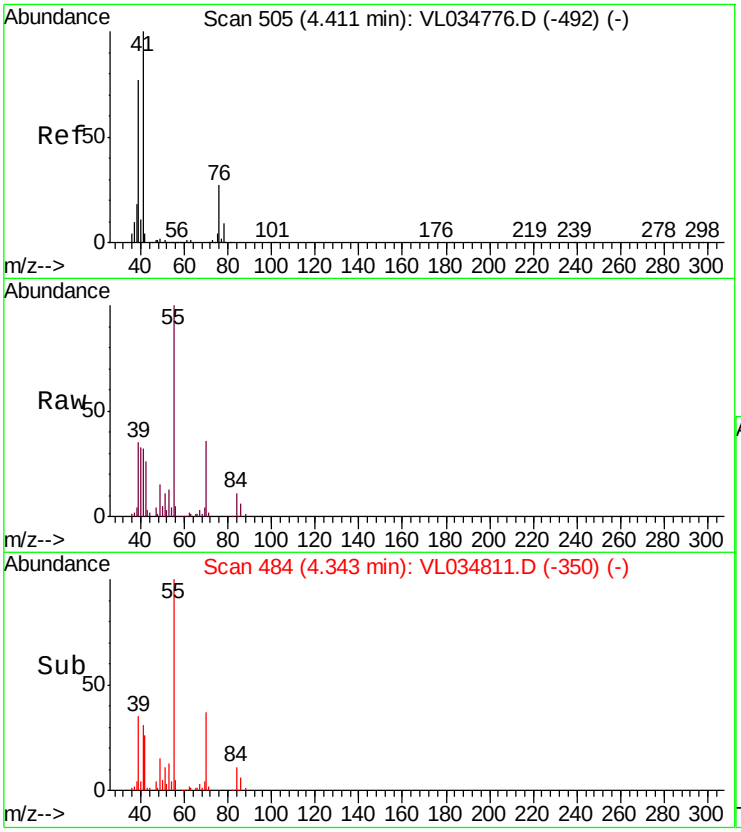


#20
Methylene Chloride
Concen: 6.436 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 84 Resp: 136789

Ion	Ratio	Lower	Upper
84	100		
49	152.7	123.2	184.8
51	46.9	37.4	56.2
86	61.4	51.6	77.4



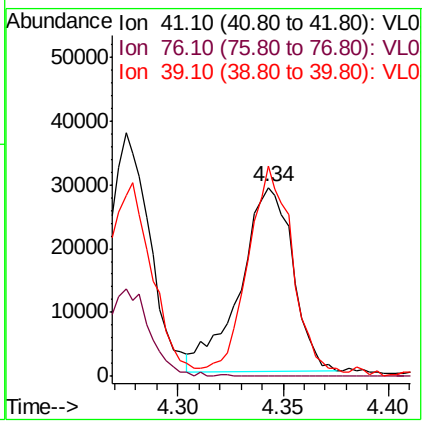


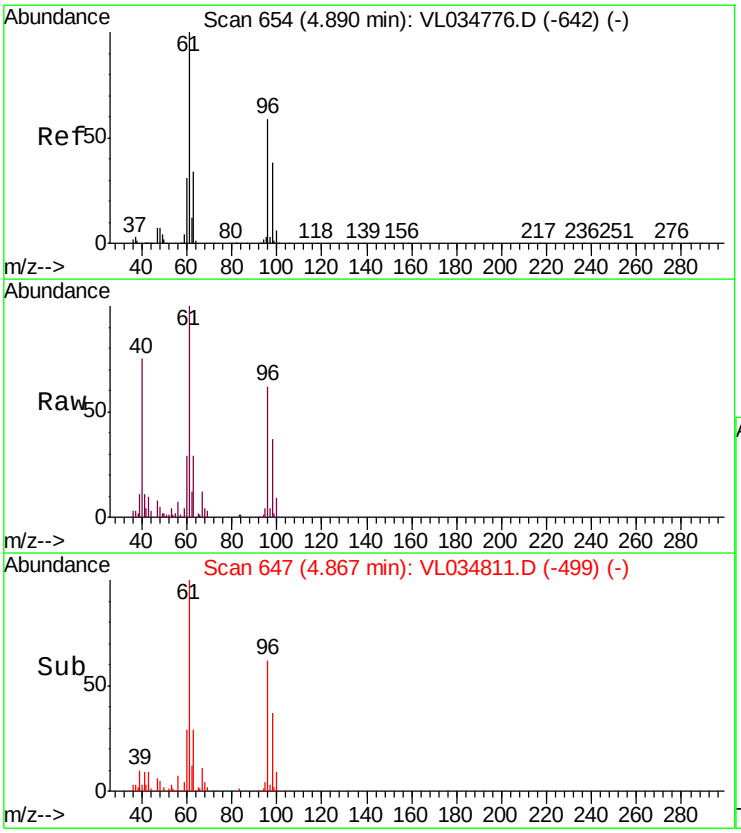
#21
Allyl Chloride
Concen: 1.321 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.07 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 41 Resp: 49815

Ion	Ratio	Lower	Upper
41	100		
76	0.0	22.5	33.7#
39	99.9	65.0	97.6#

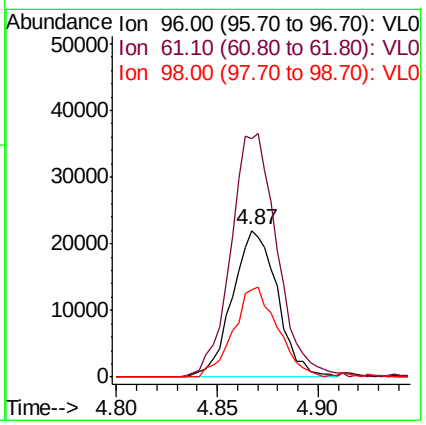


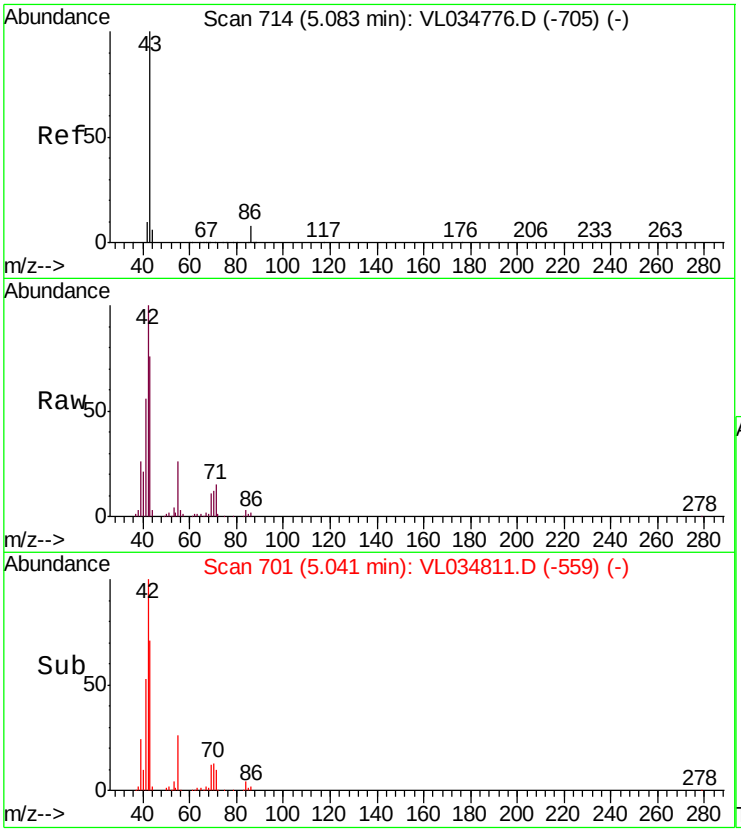


#22
trans-1,2-Dichloroethene
Concen: 1.595 ppbv
RT: 4.87 min Scan# 647
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 96 Resp: 34398

Ion	Ratio	Lower	Upper
96	100		
61	161.4	135.2	202.8
98	59.8	50.8	76.2



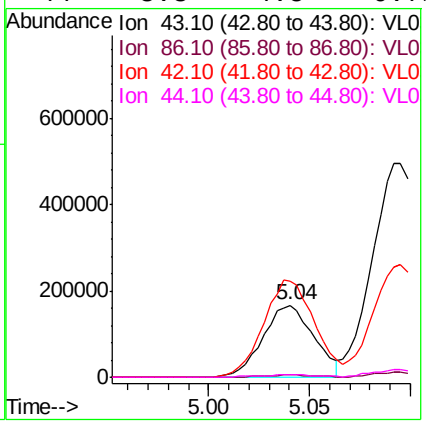


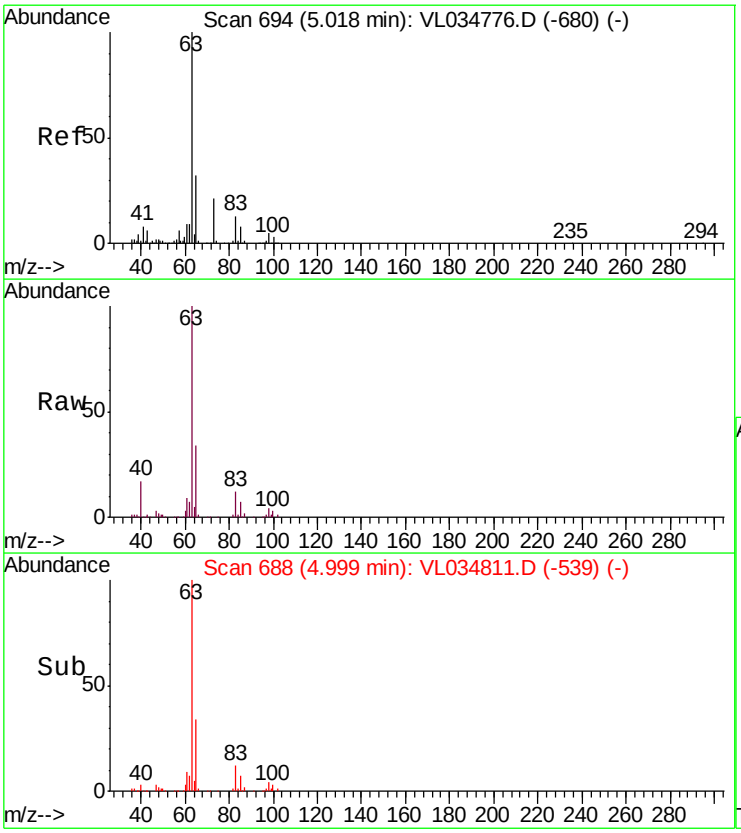
#23
Vinyl Acetate
Concen: 3.634 ppbv
RT: 5.04 min Scan# 701
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 43 Resp: 290218

Ion	Ratio	Lower	Upper
43	100		
86	2.5	5.9	8.9#
42	132.1	8.2	12.2#
44	3.3	4.5	6.7#

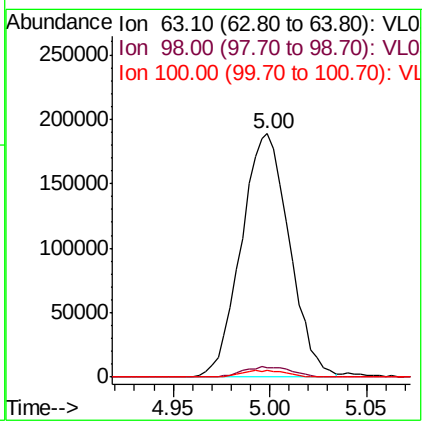


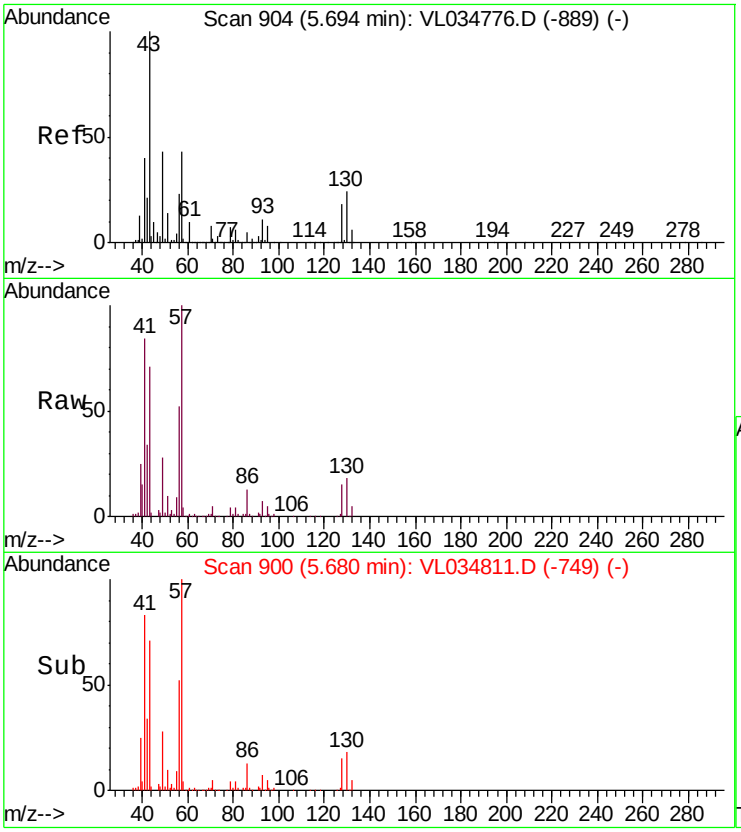


#24
1,1-Dichloroethane
Concen: 5.238 ppbv
RT: 5.00 min Scan# 688
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 63 Resp: 324678

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.8
100	2.7	1.5	4.4



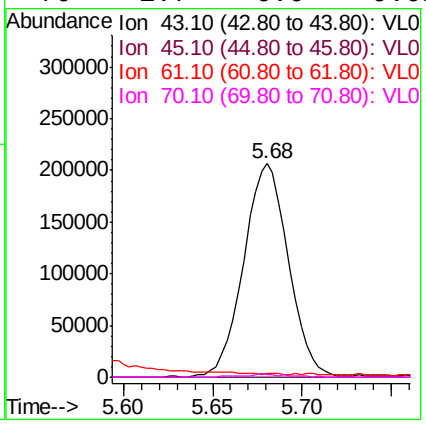


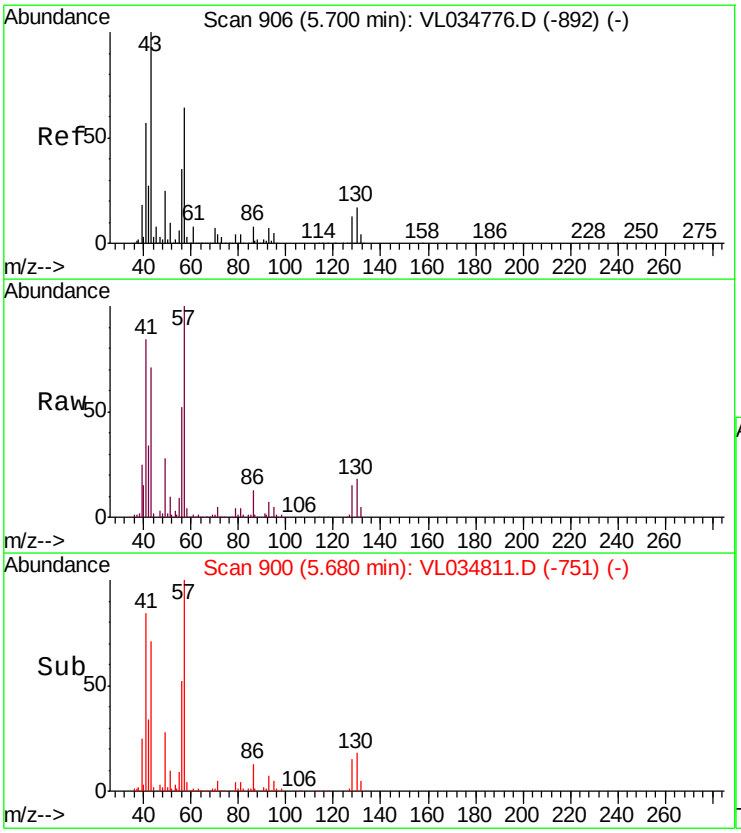
#25
Ethyl Acetate
Concen: 3.511 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 43 Resp: 361338

Ion	Ratio	Lower	Upper
43	100		
45	0.2	8.2	12.4#
61	0.0	7.5	11.3#
70	1.7	6.0	9.0#

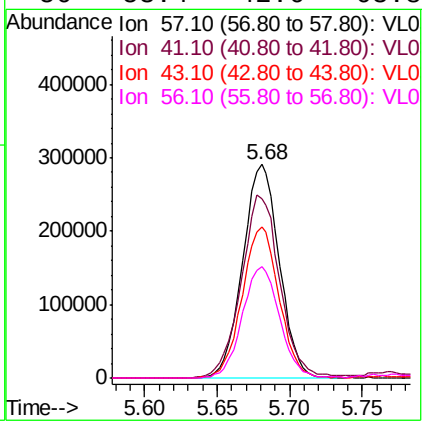


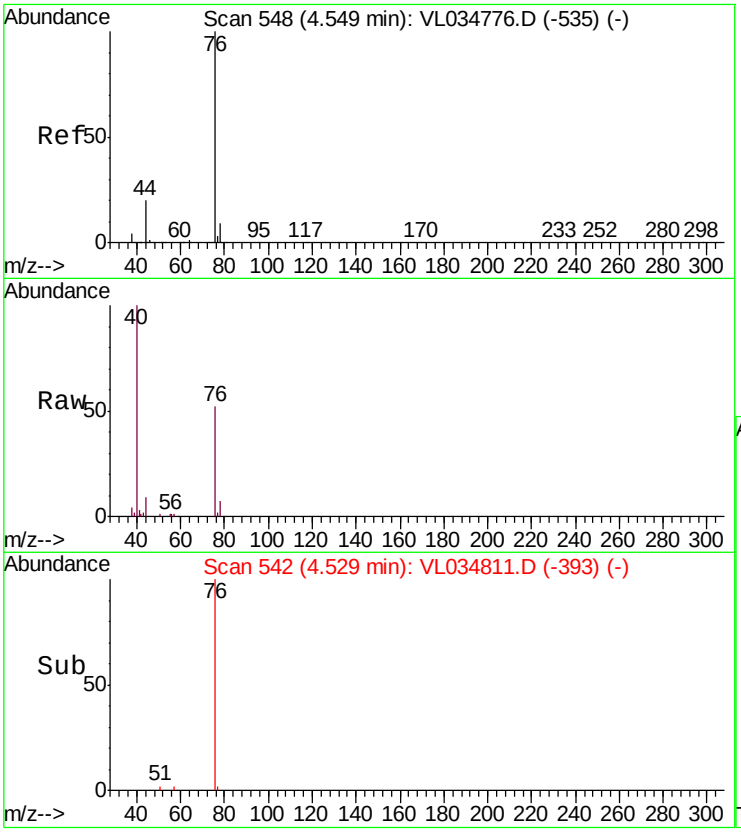


#26
Hexane
Concen: 11.362 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 57 Resp: 510811

Ion	Ratio	Lower	Upper
57	100		
41	90.7	72.0	108.0
43	71.1	179.1	268.7#
56	53.4	42.6	63.8



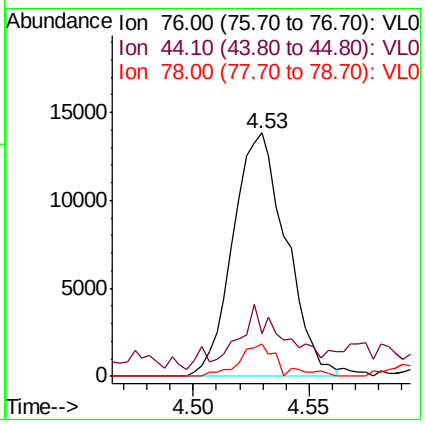


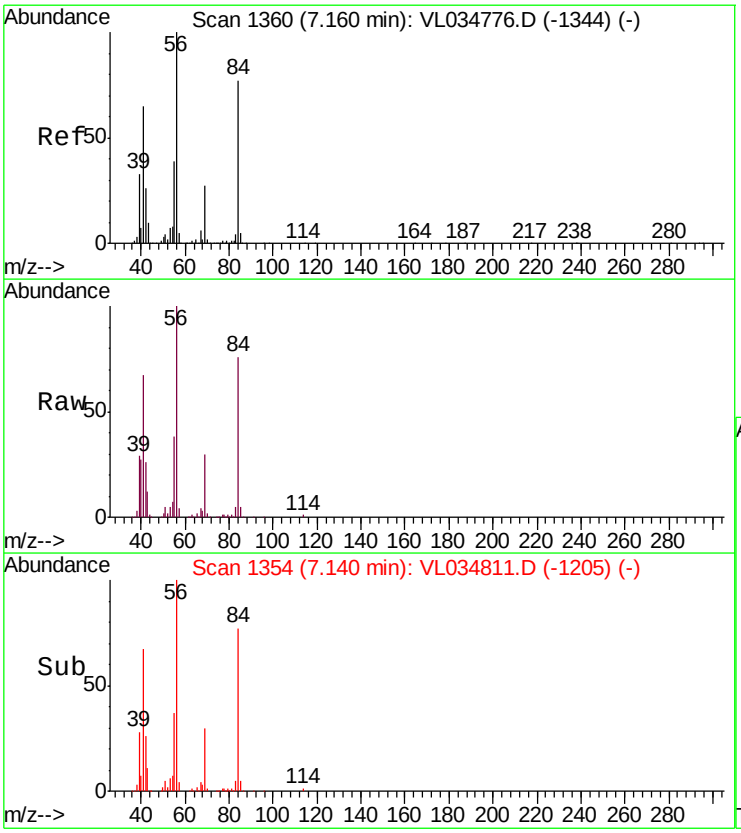
#27
Carbon Disulfide
Concen: 0.419 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 76 Resp: 22029

Ion	Ratio	Lower	Upper
76	100		
44	24.3	16.1	24.1#
78	10.0	7.5	11.3

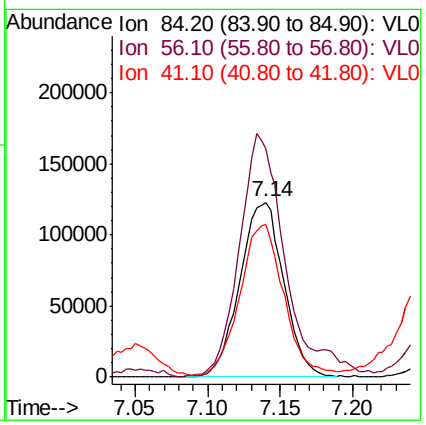


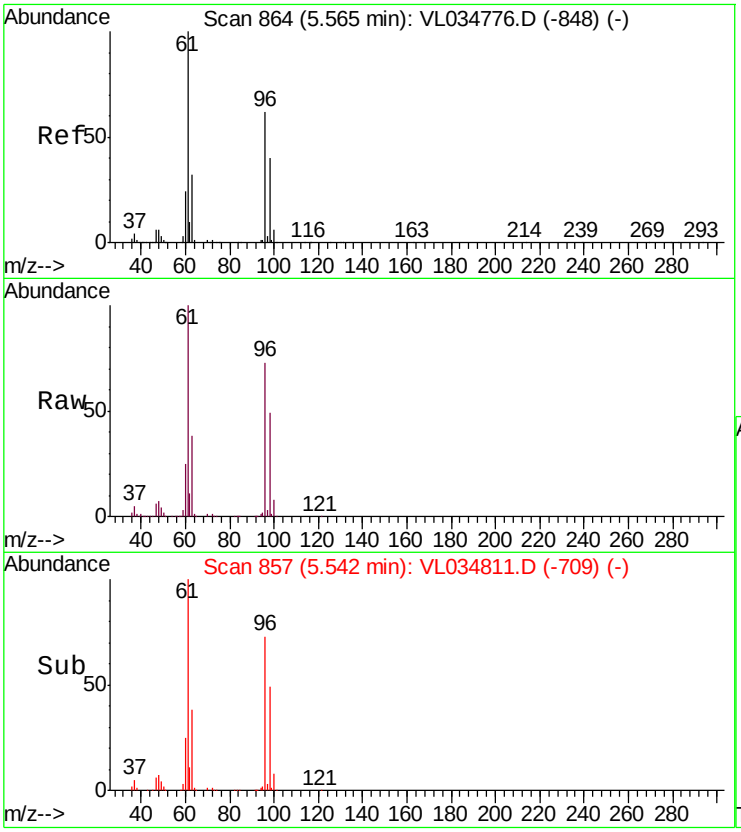


#30
Cyclohexane
Concen: 7.534 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 84 Resp: 259120

Ion	Ratio	Lower	Upper
84	100		
56	145.1	113.2	169.8
41	85.9	70.2	105.4



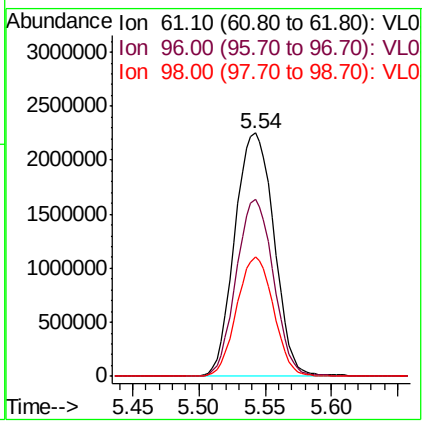


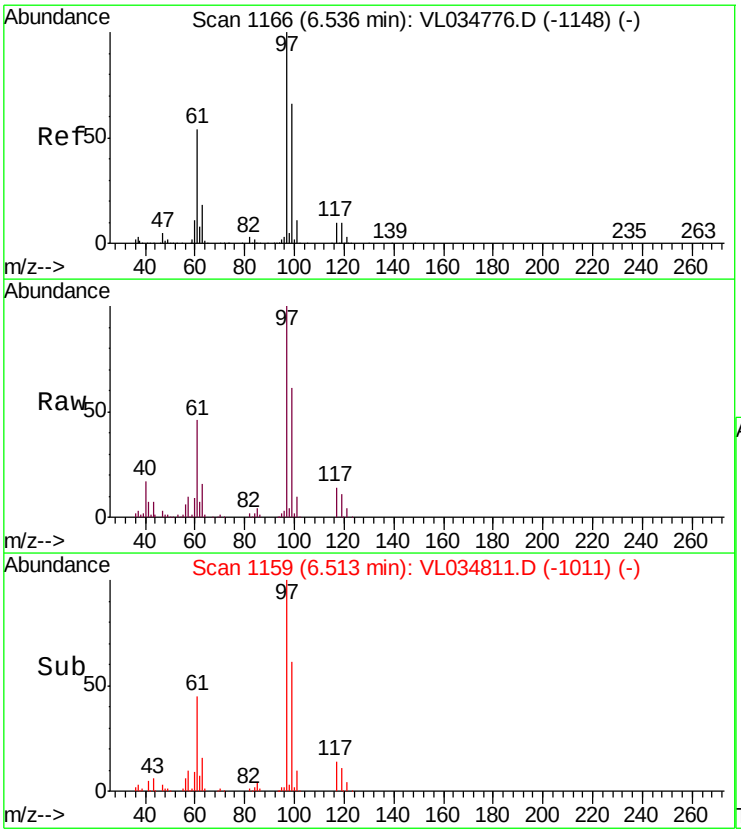
#31
cis-1,2-Dichloroethene
Concen: 100.489 ppbv
RT: 5.54 min Scan# 857
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 61 Resp: 4633623

Ion	Ratio	Lower	Upper
61	100		
96	72.5	49.7	74.5
98	49.3	31.9	47.9#

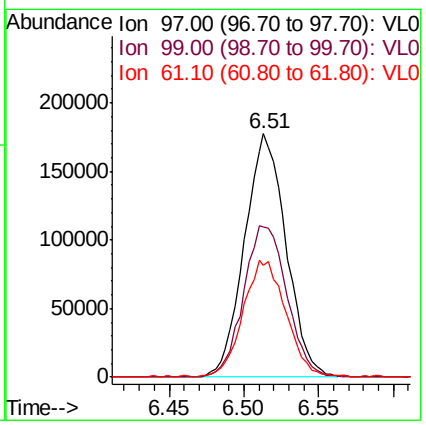


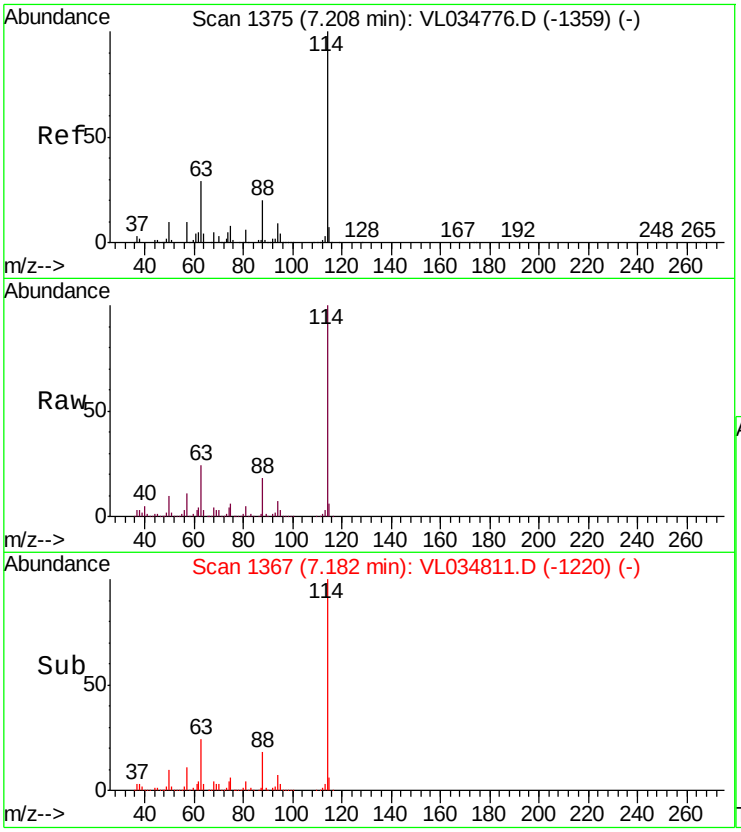


#32
1,1,1-Trichloroethane
Concen: 4.593 ppbv
RT: 6.51 min Scan# 1159
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 97 Resp: 343454

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	50.2	43.4	65.0



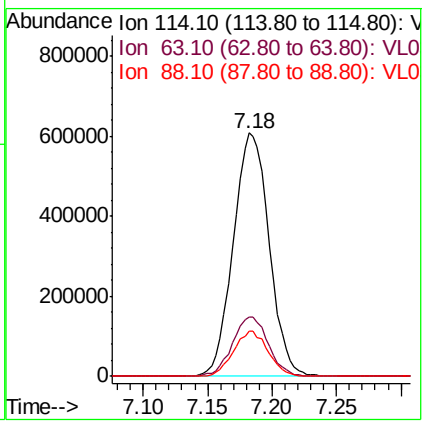


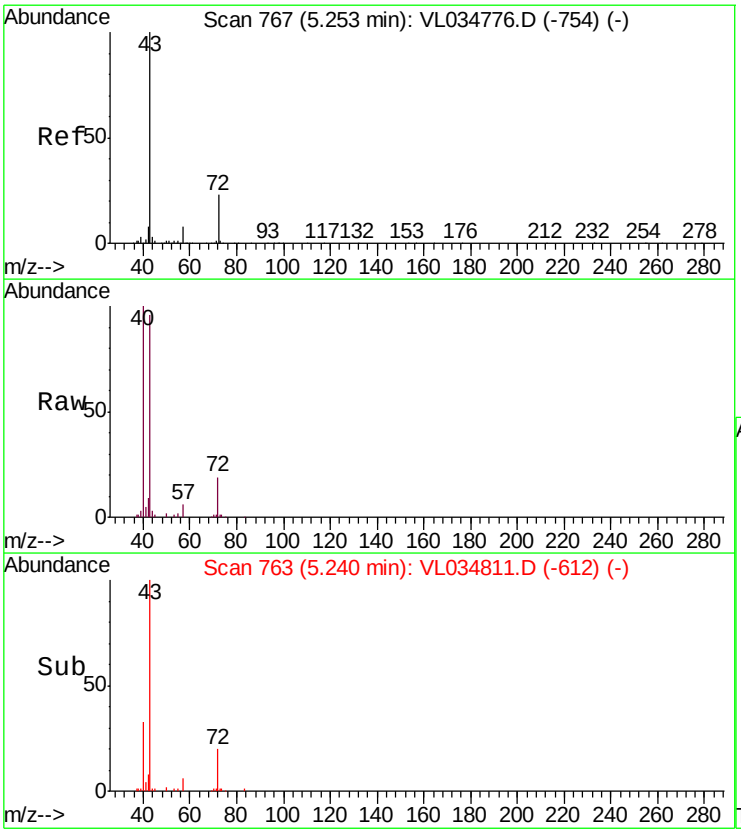
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion:114 Resp: 1174350

Ion	Ratio	Lower	Upper
114	100		
63	24.7	23.6	35.4
88	18.1	15.8	23.8

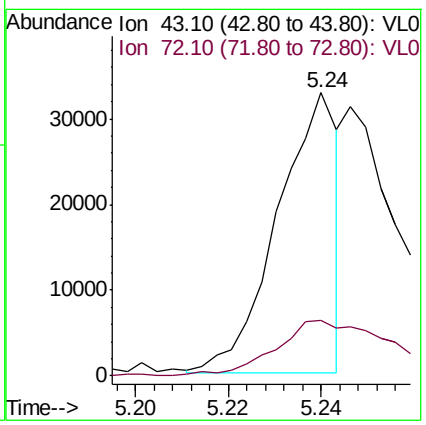


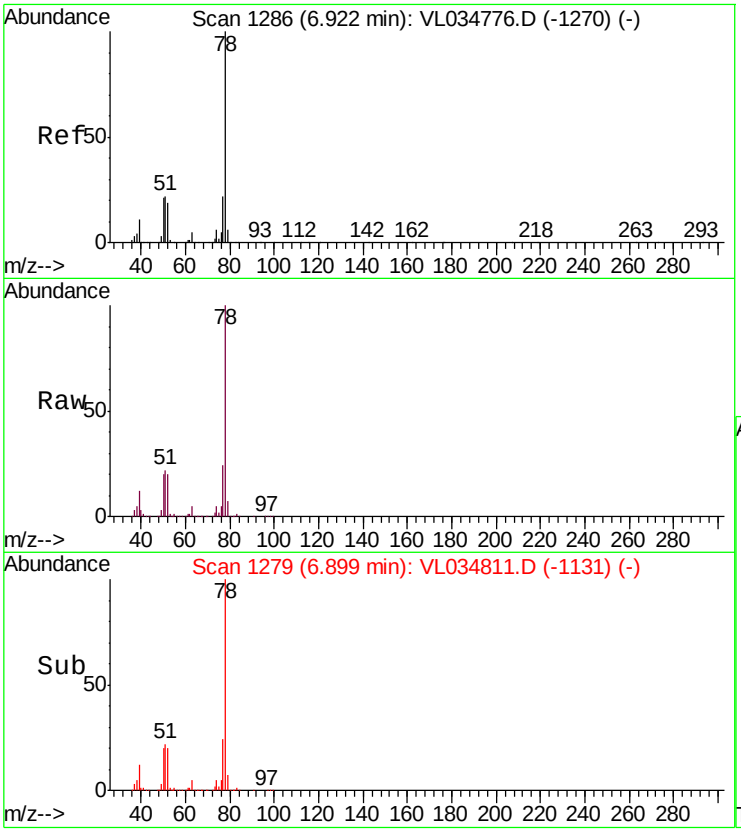


#34
2-Butanone
Concen: 0.387 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 43 Resp: 29567

Ion	Ratio	Lower	Upper
43	100		
72	41.2	17.5	26.3#



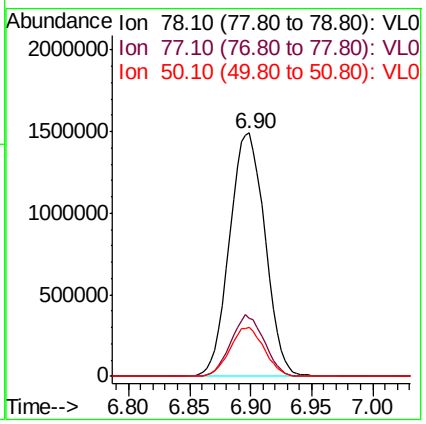


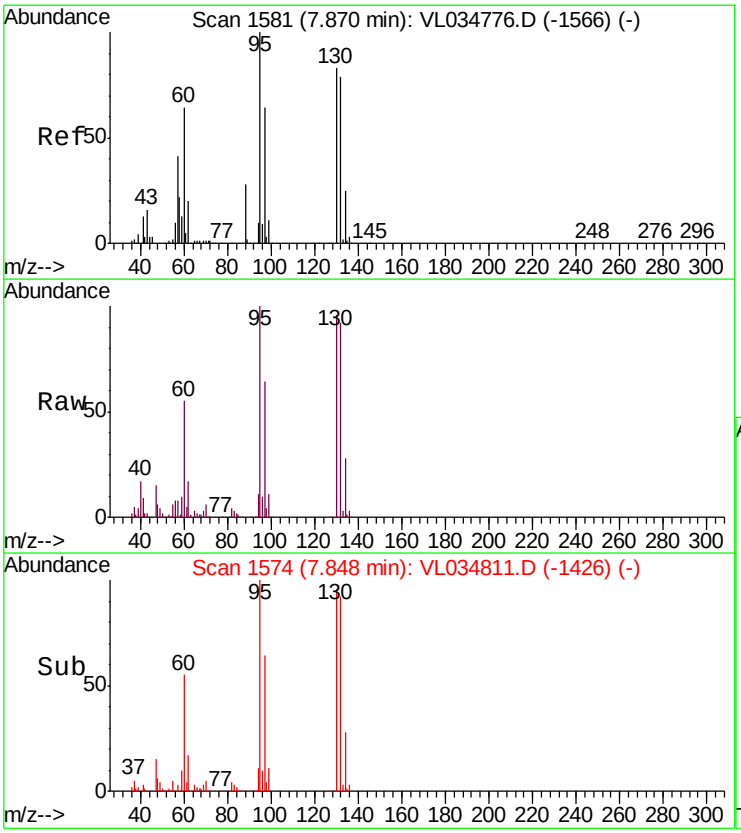
#36
Benzene
Concen: 29.908 ppbv
RT: 6.90 min Scan# 1279
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 78 Resp: 3001266

Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.0	27.0
50	19.9	16.9	25.3

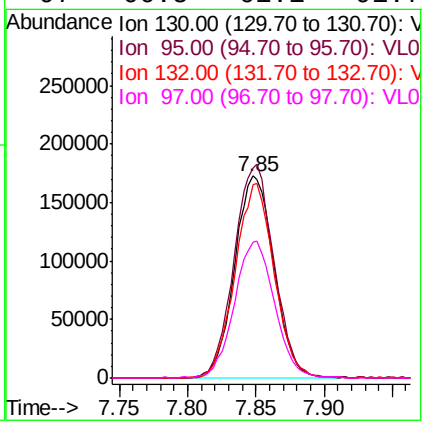


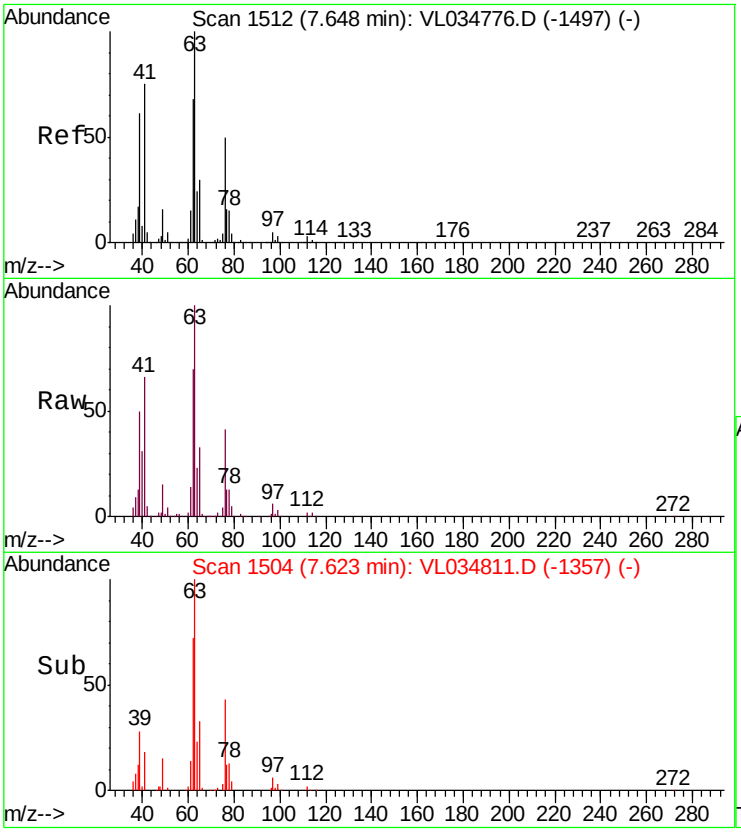


#38
Trichloroethene
Concen: 8.882 ppbv
RT: 7.85 min Scan# 1574
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:130 Resp: 347401

Ion	Ratio	Lower	Upper
130	100		
95	103.7	95.8	143.8
132	95.8	76.1	114.1
97	66.5	61.1	91.7



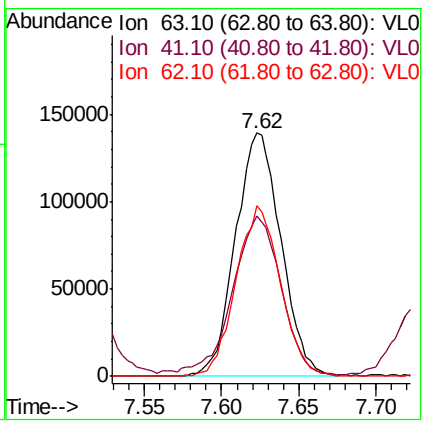


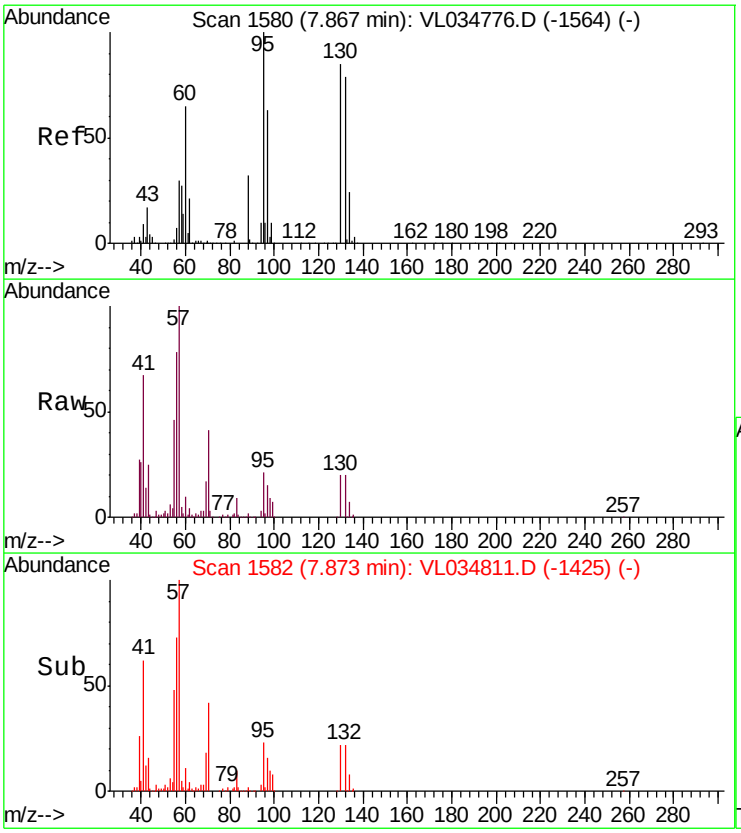
#39
1,2-Dichloropropane
Concen: 7.041 ppbv
RT: 7.62 min Scan# 1504
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 63 Resp: 285152

Ion	Ratio	Lower	Upper
63	100		
41	64.9	60.3	90.5
62	69.4	54.5	81.7

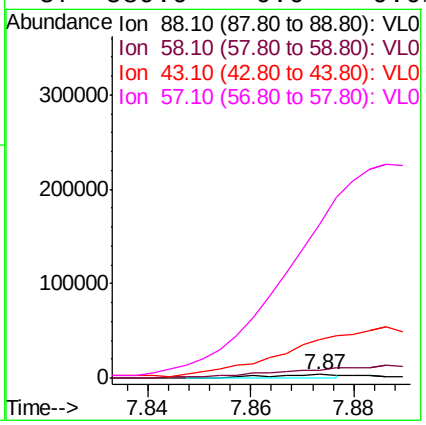


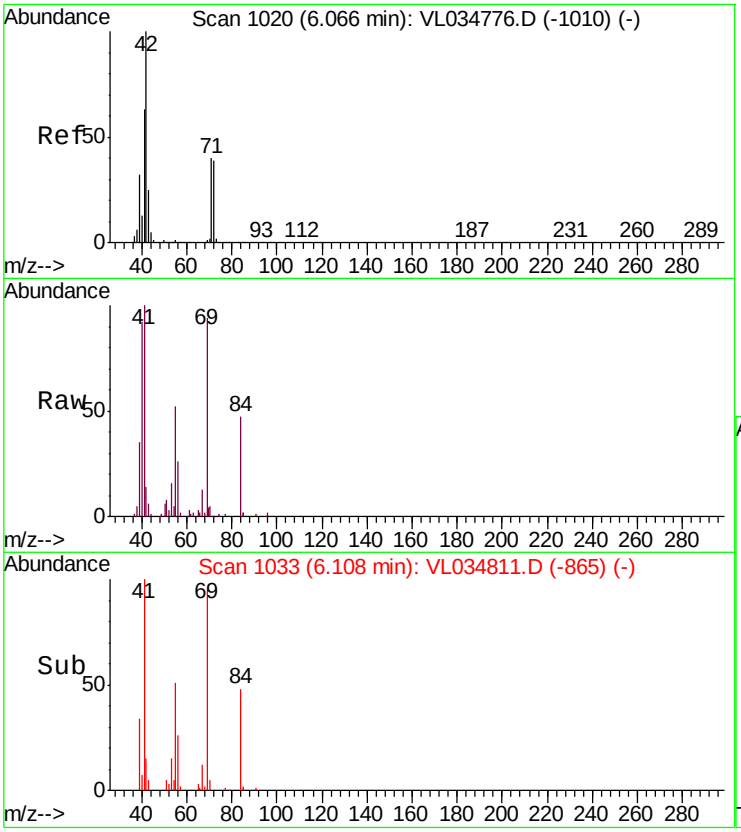


#40
1,4-Dioxane
Concen: 0.226 ppbv
RT: 7.87 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 88 Resp: 3172

Ion	Ratio	Lower	Upper
88	100		
58	0.0	110.6	166.0#
43	5578.5	0.0	0.0#
57	589.9	0.0	0.0#



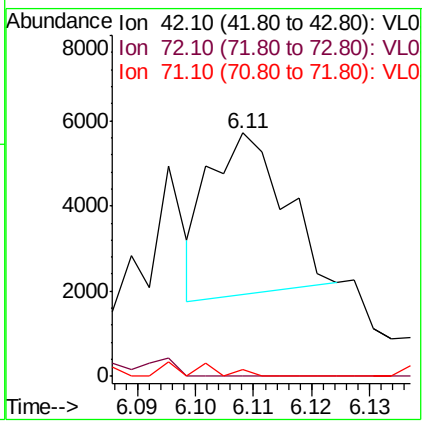


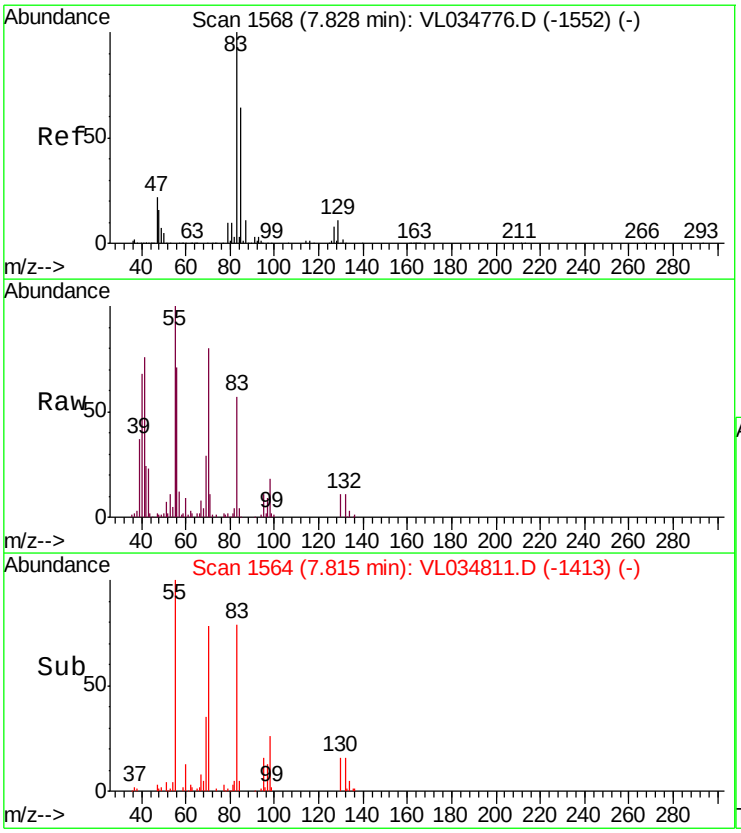
#41
Tetrahydrofuran
Concen: 0.087 ppbv
RT: 6.11 min Scan# 1033
Delta R.T. 0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 42 Resp: 3405

Ion	Ratio	Lower	Upper
42	100		
72	36.1	32.0	48.0
71	34.2	31.3	46.9

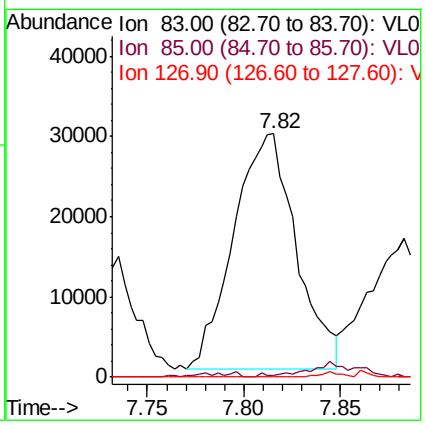


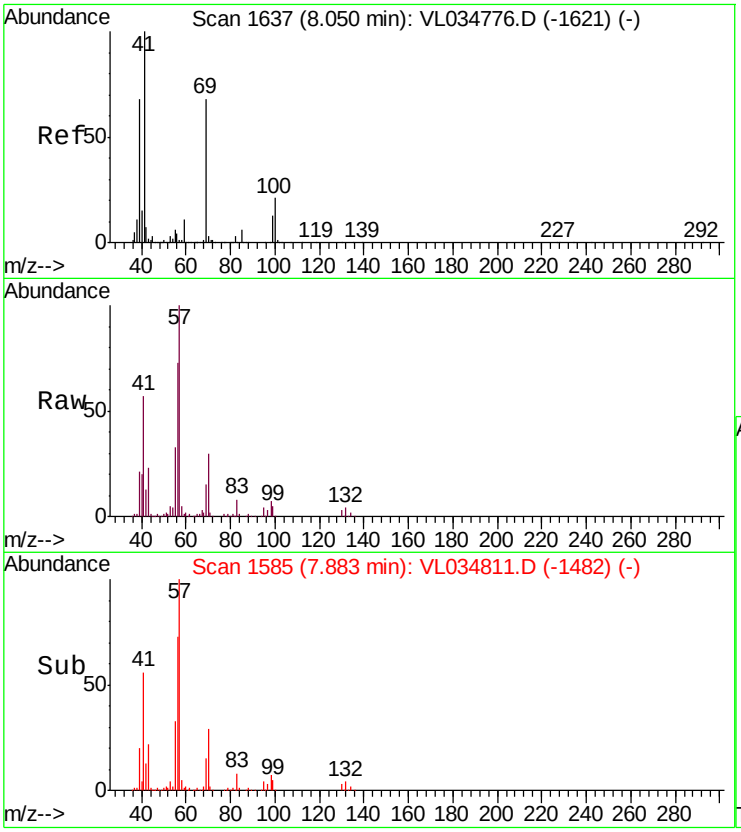


#42
Bromodichloromethane
Concen: 0.767 ppbv
RT: 7.82 min Scan# 1564
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 83 Resp: 66484

Ion	Ratio	Lower	Upper
83	100		
85	0.0	50.8	76.2#
127	0.0	6.5	9.7#



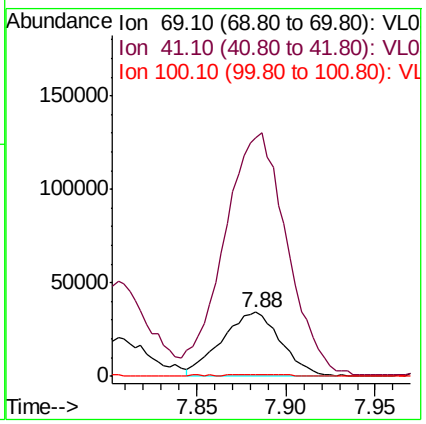


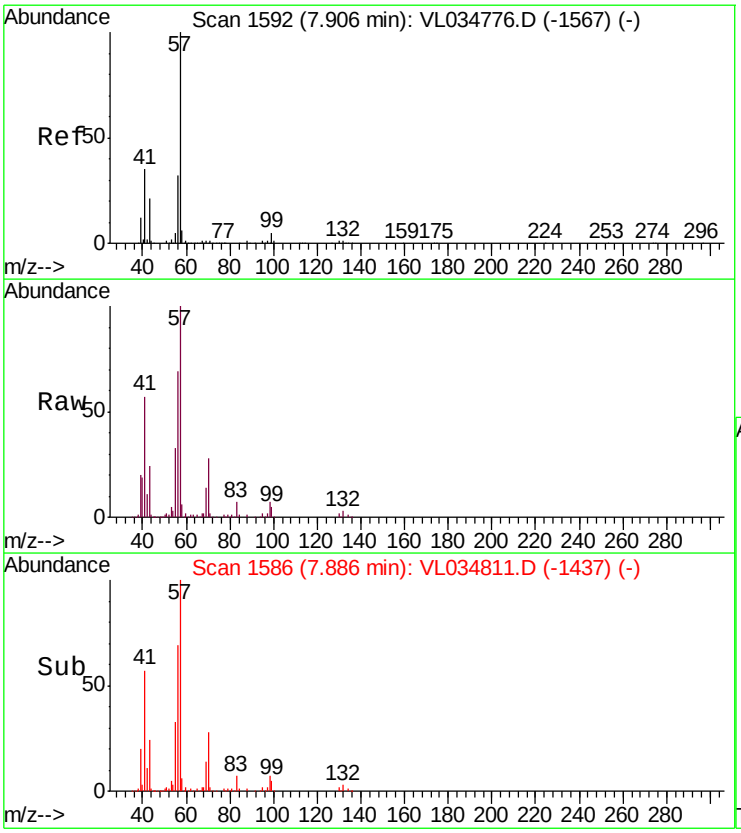
#43
Methyl Methacrylate
Concen: 1.829 ppbv
RT: 7.88 min Scan# 1585
Delta R.T. -0.17 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 69 Resp: 77757

Ion	Ratio	Lower	Upper
69	100		
41	408.2	121.6	182.4#
100	4.1	23.8	35.8#

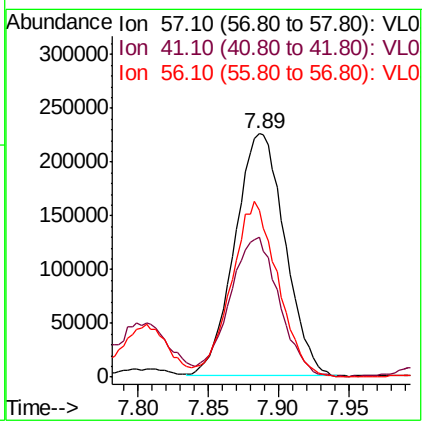


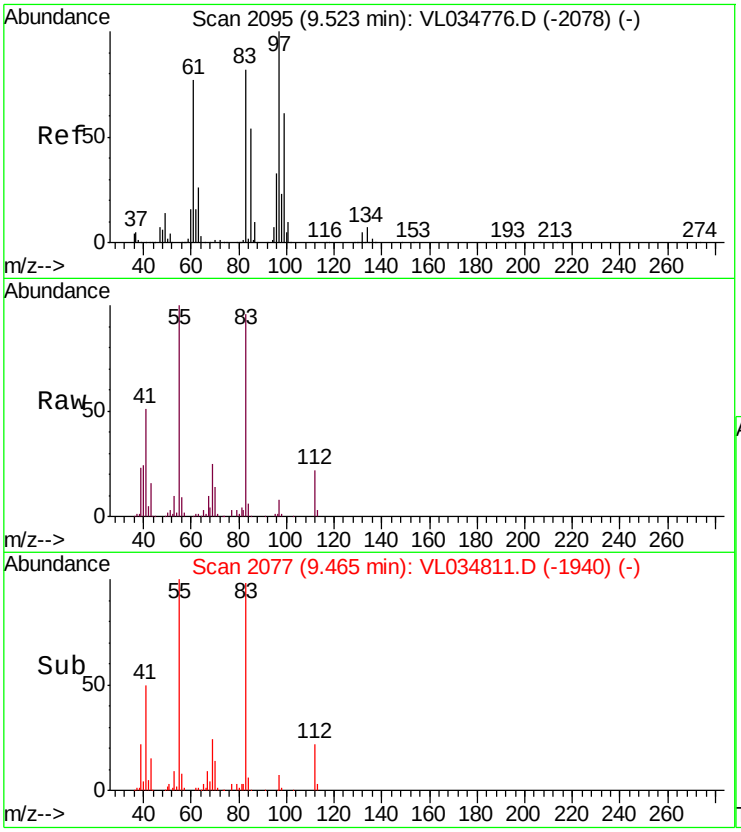


#44
2,2,4-Trimethylpentane
Concen: 3.185 ppbv
RT: 7.89 min Scan# 1586
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 57 Resp: 558616

Ion	Ratio	Lower	Upper
57	100		
41	56.8	27.4	41.0#
56	66.8	25.0	37.6#



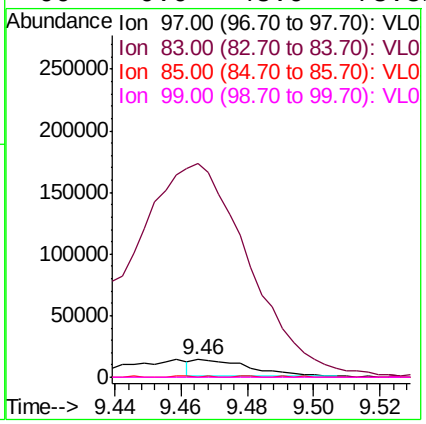


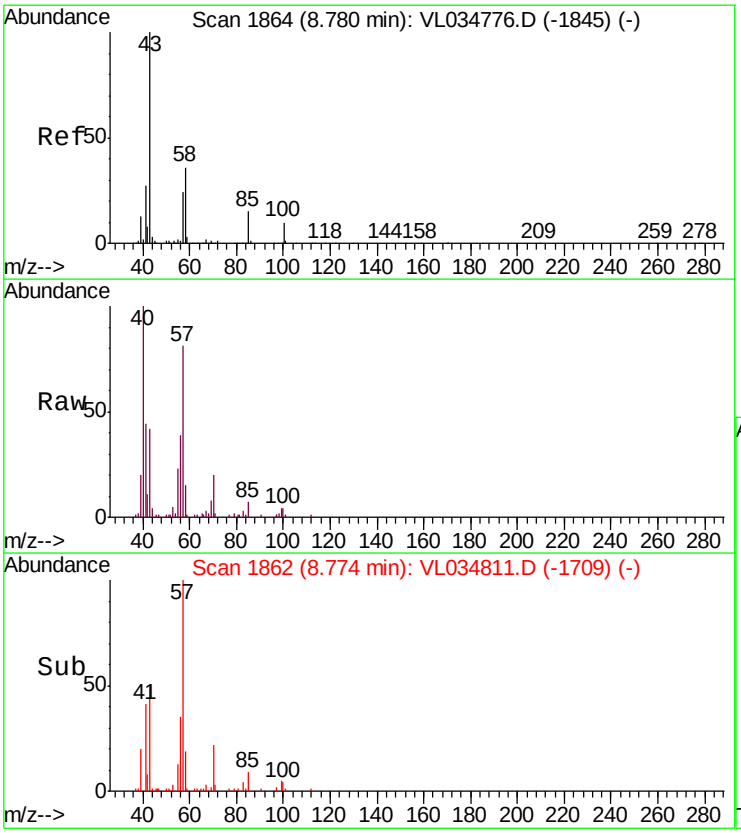
#47
1,1,2-Trichloroethane
Concen: 0.374 ppbv
RT: 9.46 min Scan# 2077
Delta R.T. -0.06 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 97 Resp: 15997

Ion	Ratio	Lower	Upper
97	100		
83	1224.2	65.2	97.8#
85	0.0	43.6	65.4#
99	0.0	48.9	73.3#

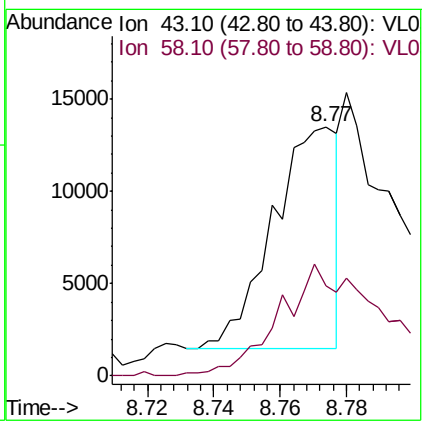


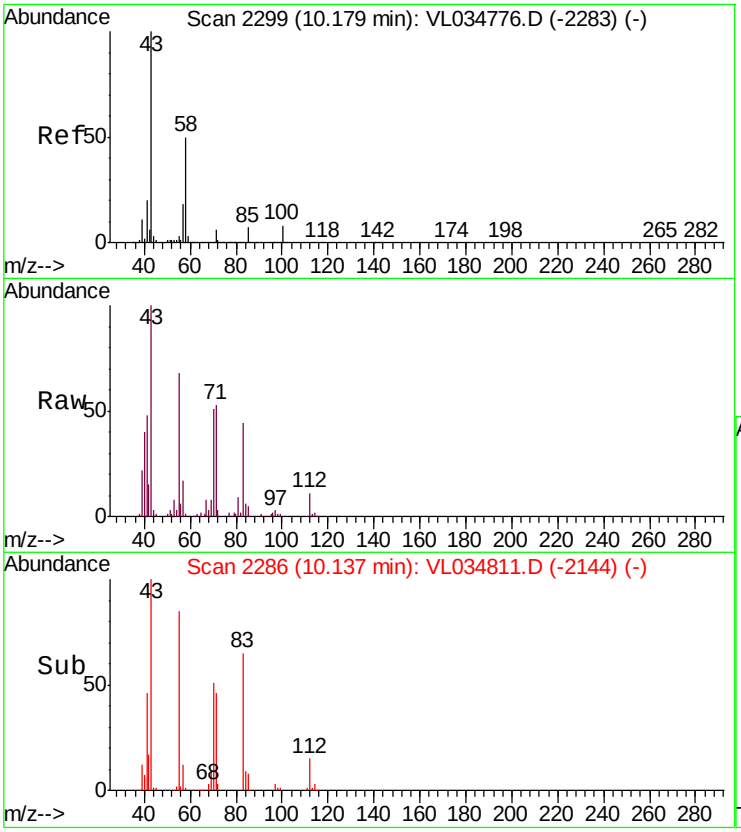


#50
4-Methyl-2-Pentanone
Concen: 0.149 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 43 Resp: 16260

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1#



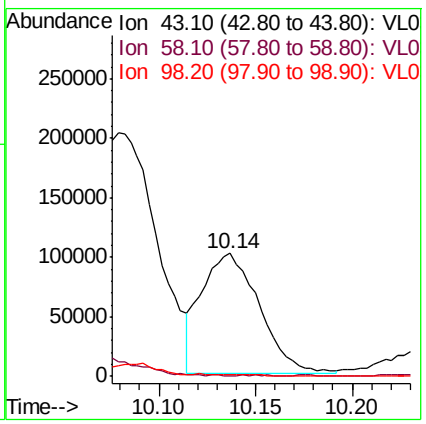


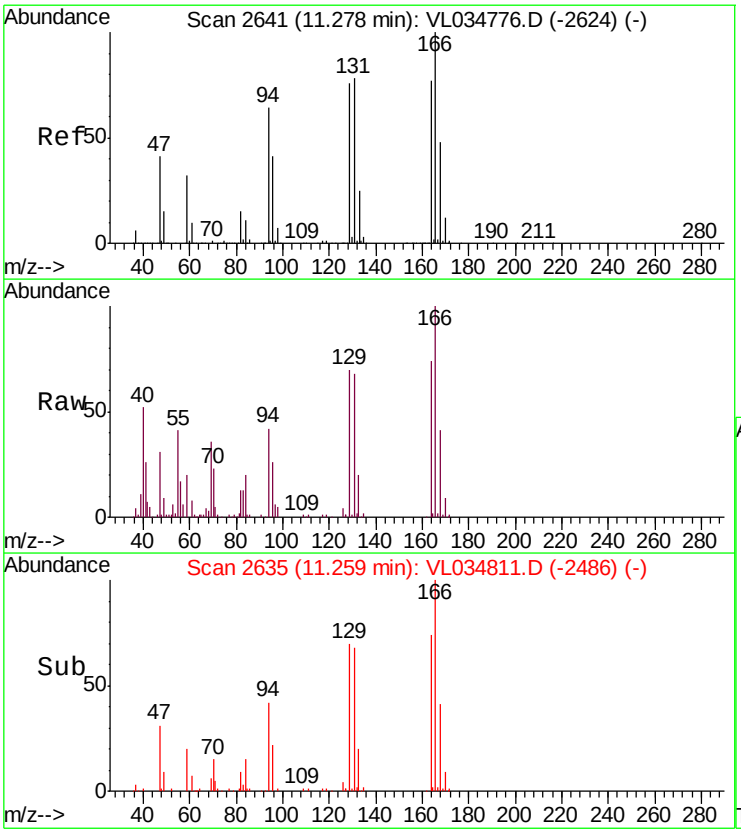
#51
2-Hexanone
Concen: 2.442 ppbv
RT: 10.14 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 43 Resp: 209738

Ion	Ratio	Lower	Upper
43	100		
58	1.0	38.6	58.0#
98	0.0	0.2	0.4#

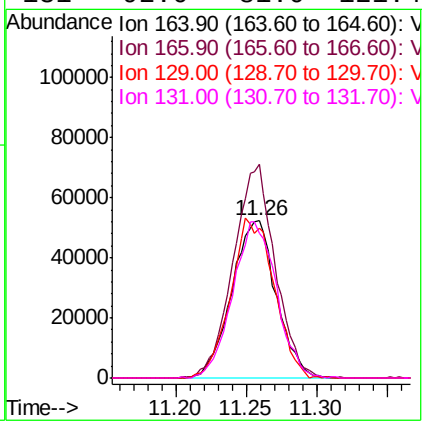


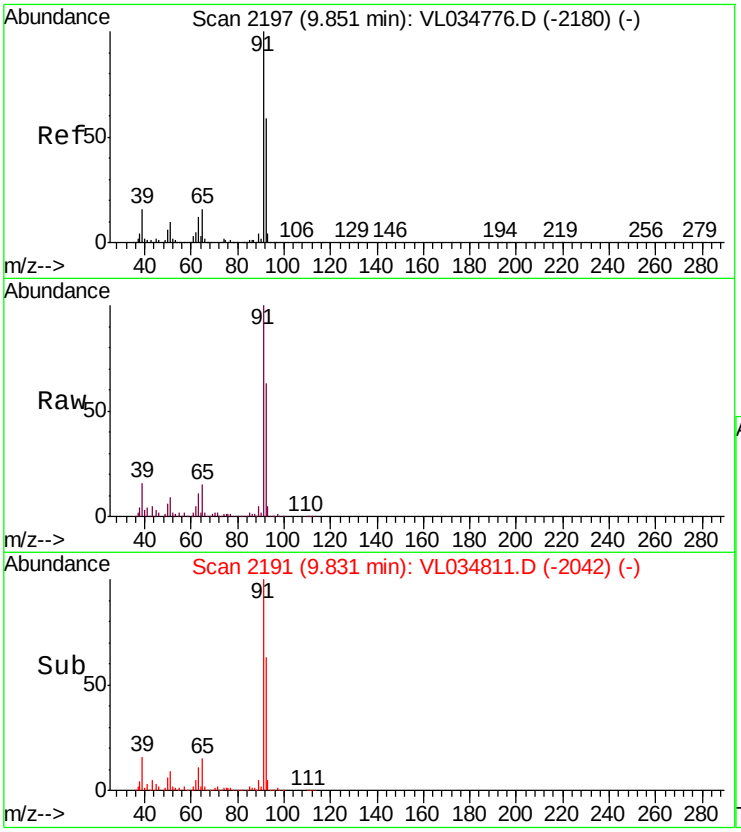


#52
Tetrachloroethene
Concen: 3.115 ppbv
RT: 11.26 min Scan# 2635
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:164 Resp: 115490

Ion	Ratio	Lower	Upper
164	100		
166	135.7	103.3	154.9
129	95.4	79.0	118.4
131	92.0	81.0	121.4



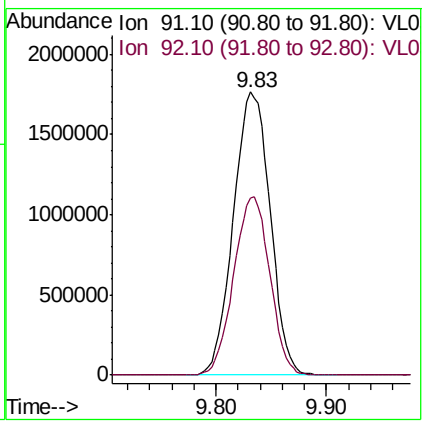


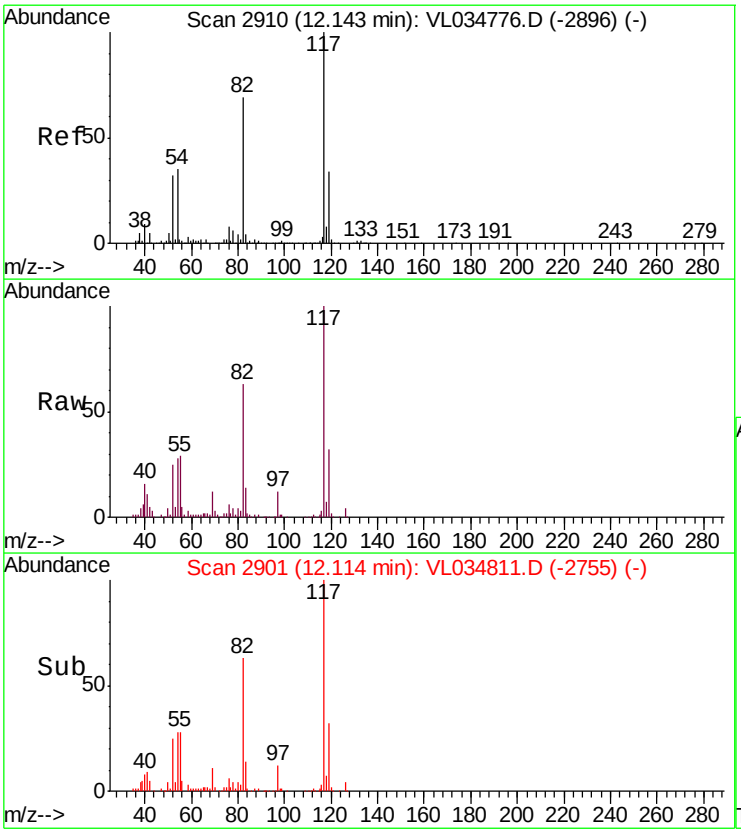
#53
Toluene
Concen: 38.339 ppbv
RT: 9.83 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 91 Resp: 4071901

Ion	Ratio	Lower	Upper
91	100		
92	62.0	48.2	72.2

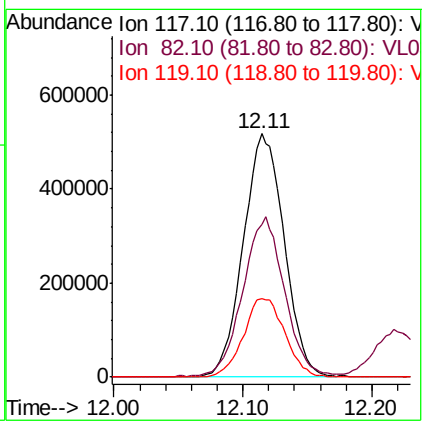


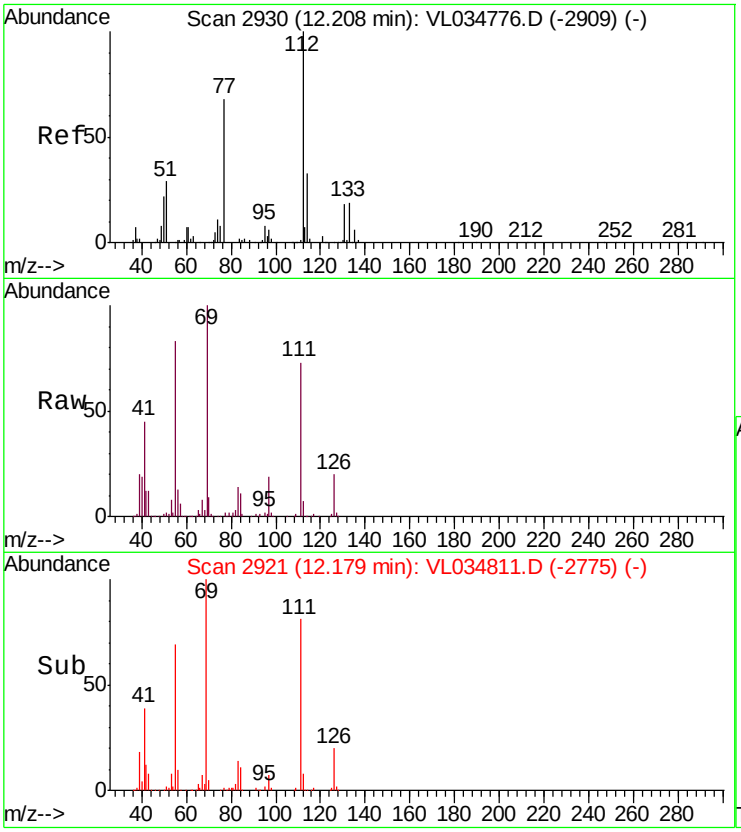


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:117 Resp: 1142928

Ion	Ratio	Lower	Upper
117	100		
82	67.5	53.9	80.9
119	32.8	25.0	37.4



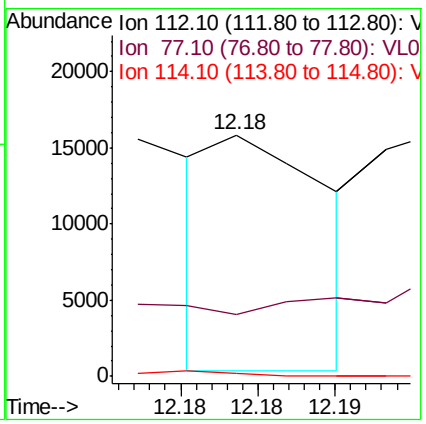


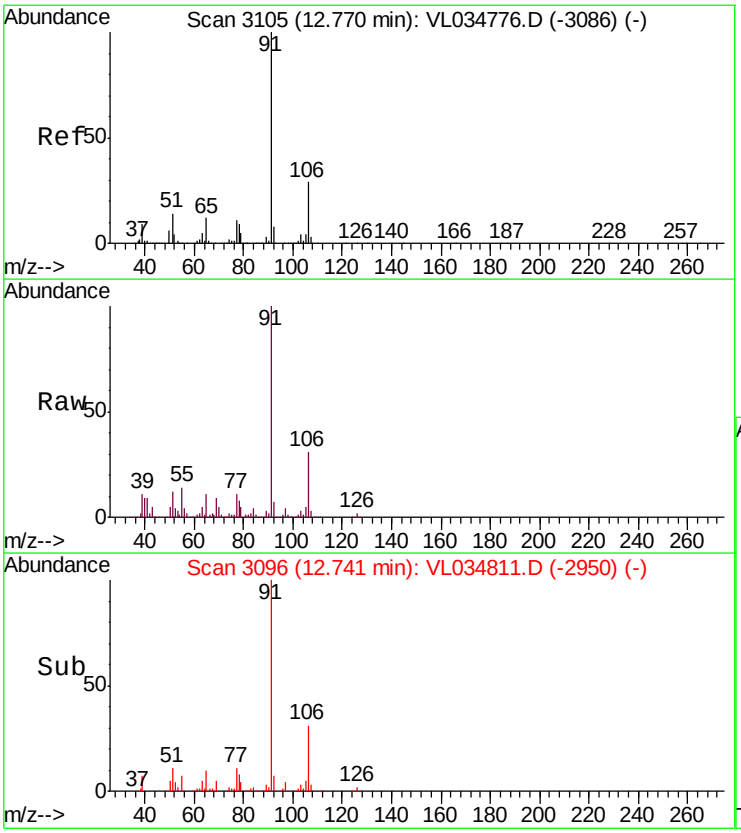
#57
Chlorobenzene
Concen: 0.090 ppbv
RT: 12.18 min Scan# 2921
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion:112 Resp: 7885

Ion	Ratio	Lower	Upper
112	100		
77	0.0	55.6	83.4#
114	4.4	29.4	36.0#

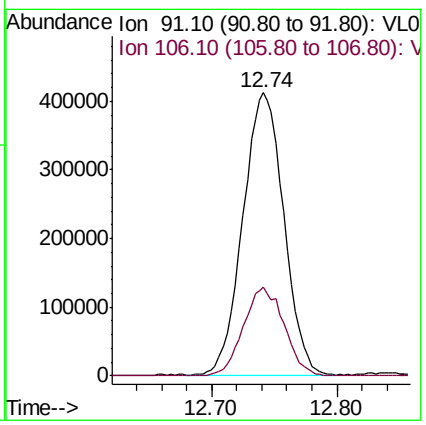


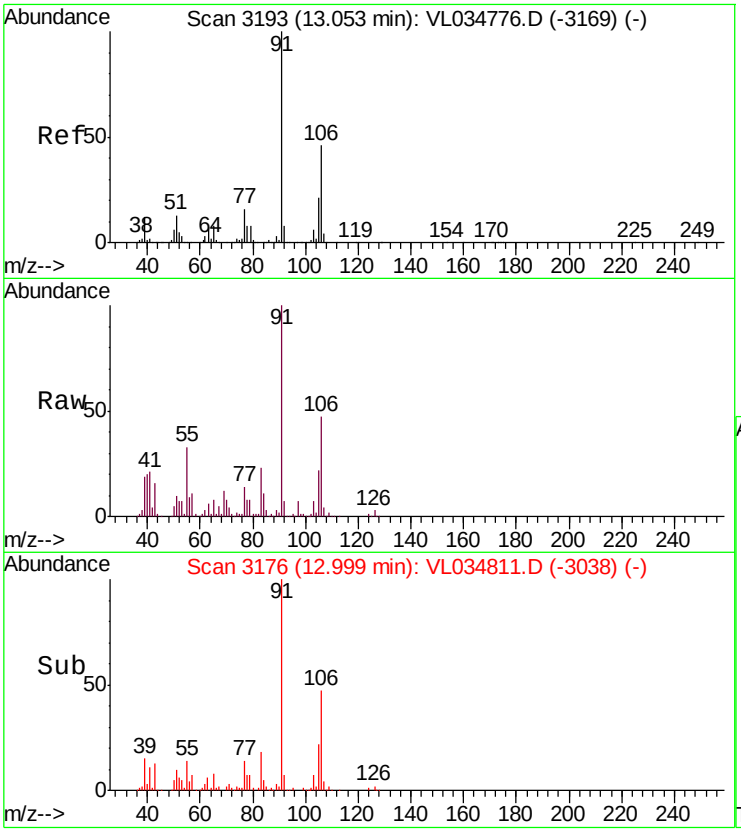


#58
Ethyl Benzene
Concen: 6.603 ppbv
RT: 12.74 min Scan# 3096
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 91 Resp: 930008

Ion	Ratio	Lower	Upper
91	100		
106	31.3	22.8	34.2



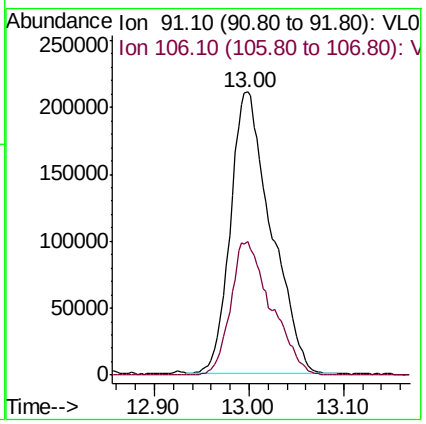


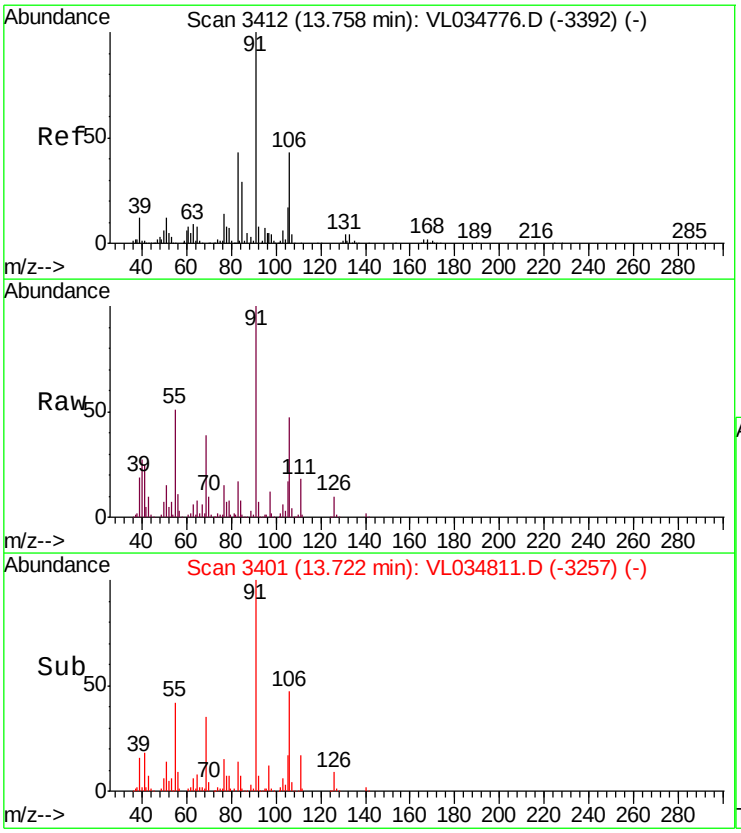
#59
m/p-Xylene
Concen: 5.173 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. -0.05 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 91 Resp: 630712

Ion	Ratio	Lower	Upper
91	100		
106	47.2	35.8	53.8

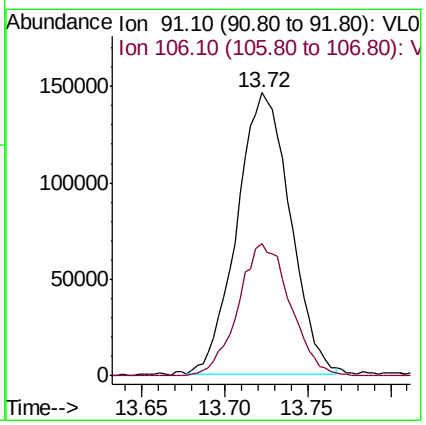


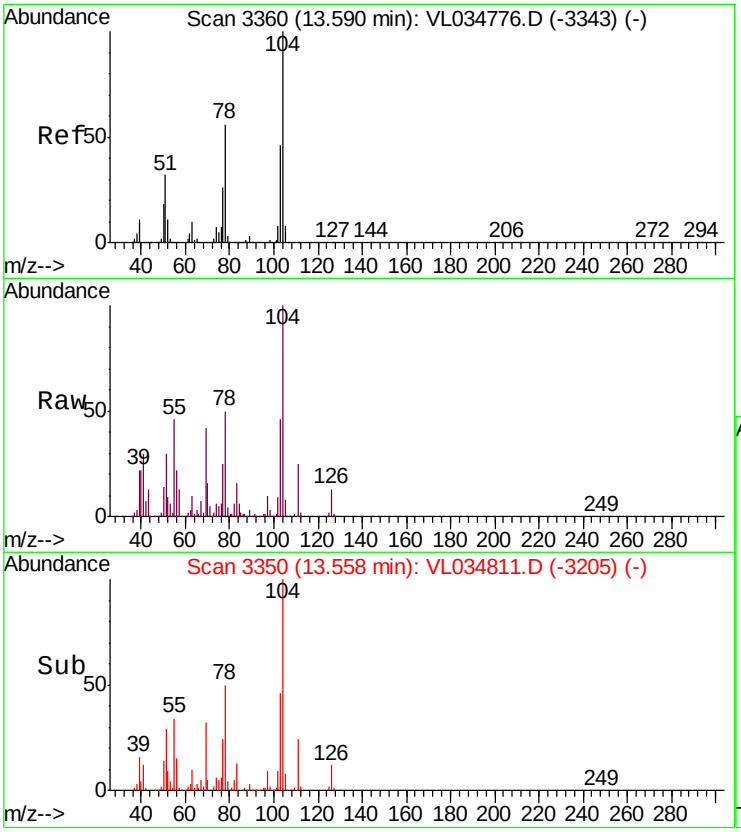


#60
o-Xylene
Concen: 2.635 ppbv
RT: 13.72 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 91 Resp: 325111

Ion	Ratio	Lower	Upper
91	100		
106	46.2	21.7	65.1



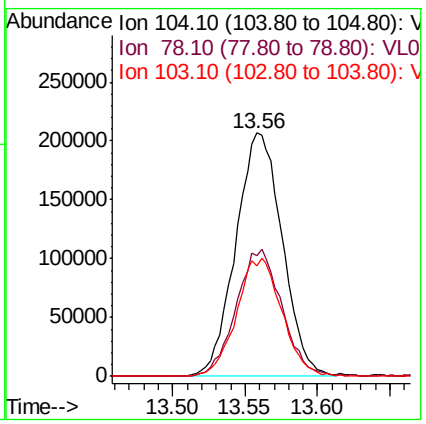


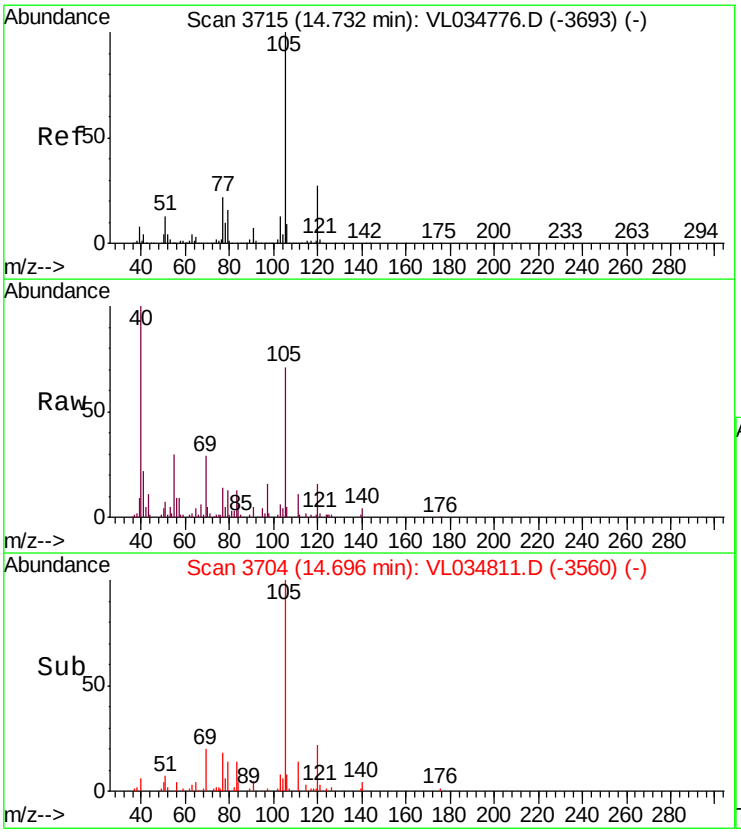
#61
Styrene
Concen: 6.029 ppbv
RT: 13.56 min Scan# 3350
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion:104 Resp: 461386

Ion	Ratio	Lower	Upper
104	100		
78	51.5	44.7	67.1
103	47.5	38.2	57.2

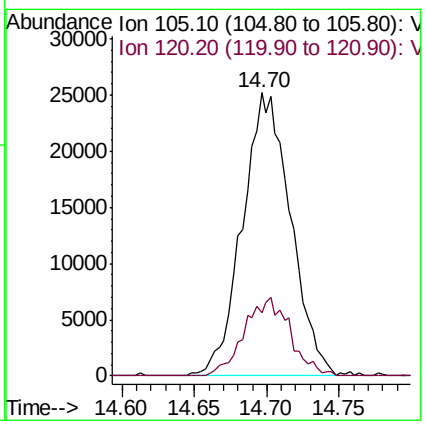


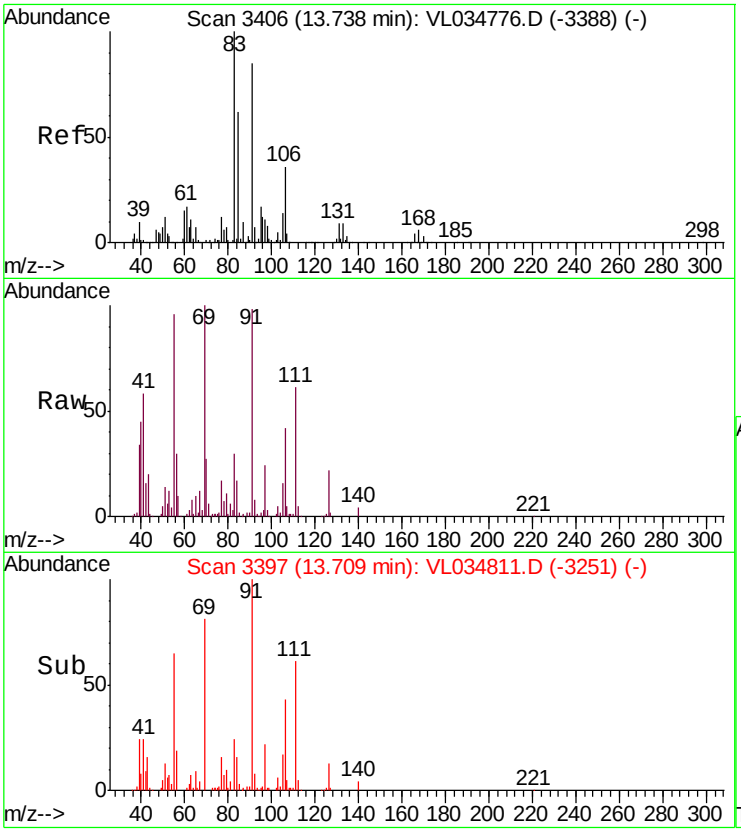


#62
Isopropylbenzene
Concen: 0.321 ppbv
RT: 14.70 min Scan# 3704
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:105 Resp: 58281

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.5	30.7



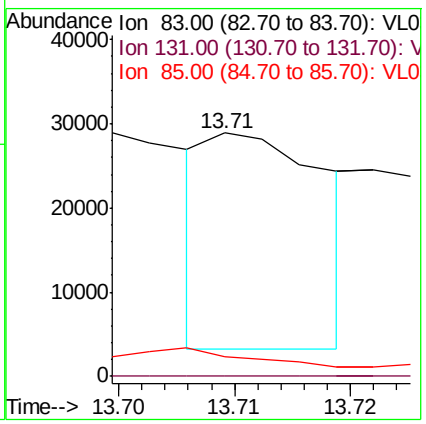


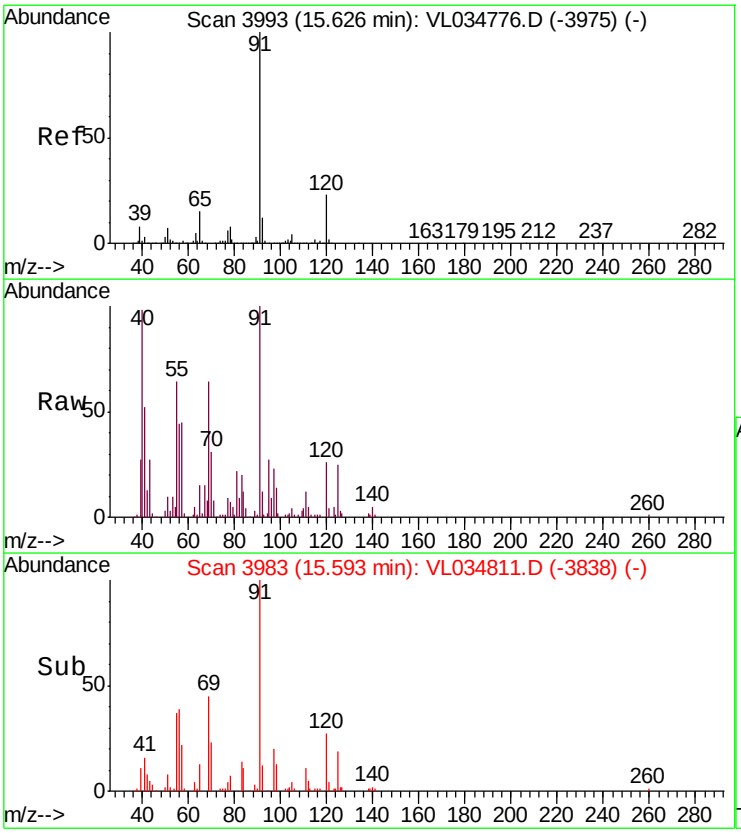
#63
1,1,2,2-Tetrachloroethane
Concen: 0.185 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion: 83 Resp: 18038

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.7	14.0#
85	42.2	32.9	98.7

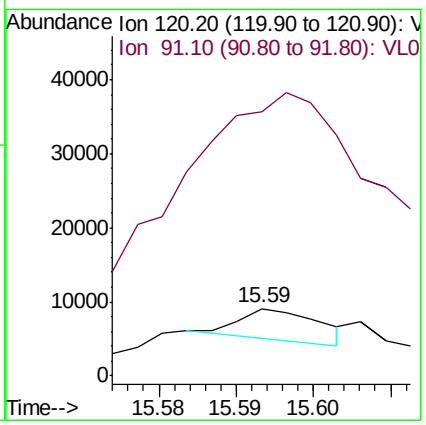


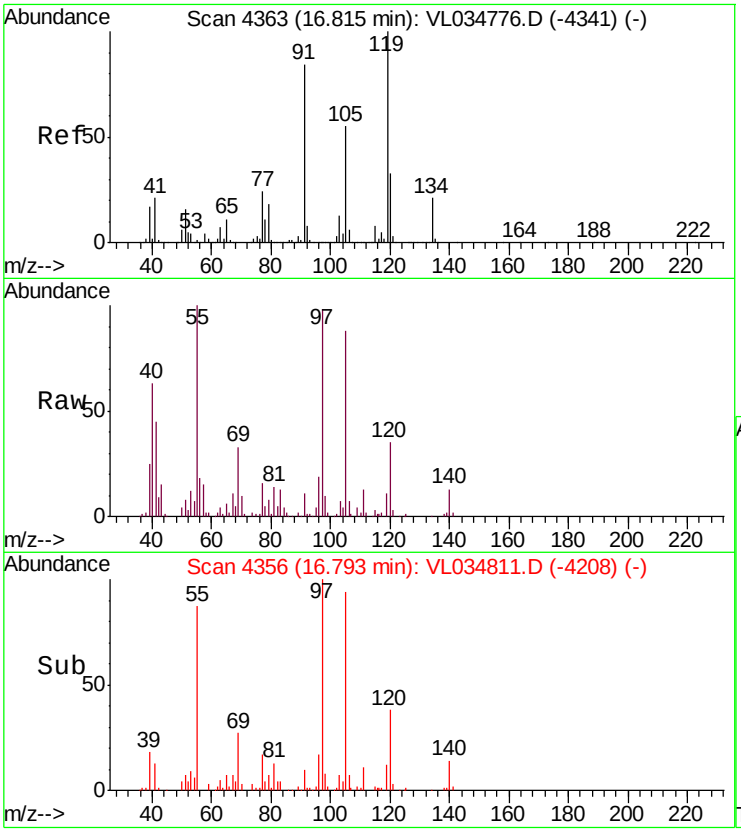


#64
n-propylbenzene
Concen: 0.063 ppbv
RT: 15.59 min Scan# 3983
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:120 Resp: 2847

Ion	Ratio	Lower	Upper
120	100		
91	3135.4	379.4	569.2#



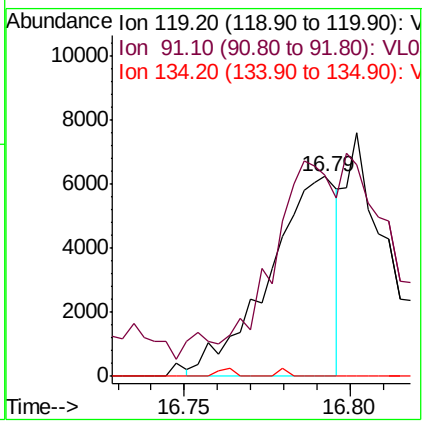


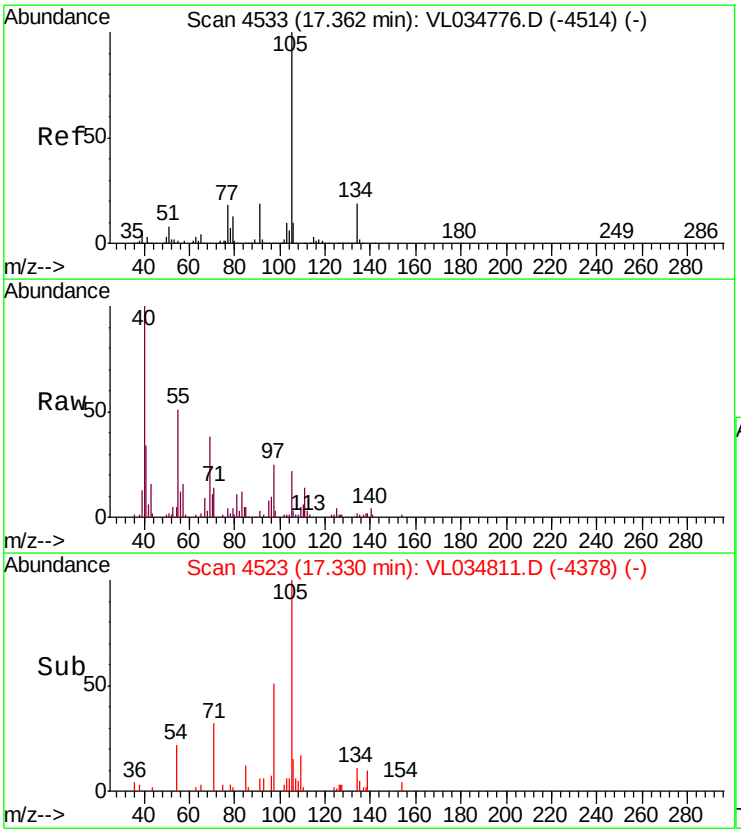
#65
tert-Butylbenzene
Concen: 0.058 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.02 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion:119 Resp: 8904

Ion	Ratio	Lower	Upper
119	100		
91	0.0	69.8	104.6#
134	0.0	15.9	23.9#

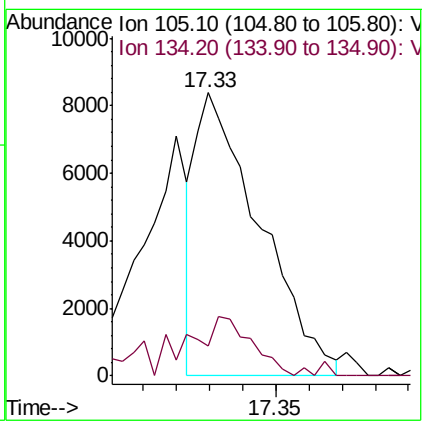


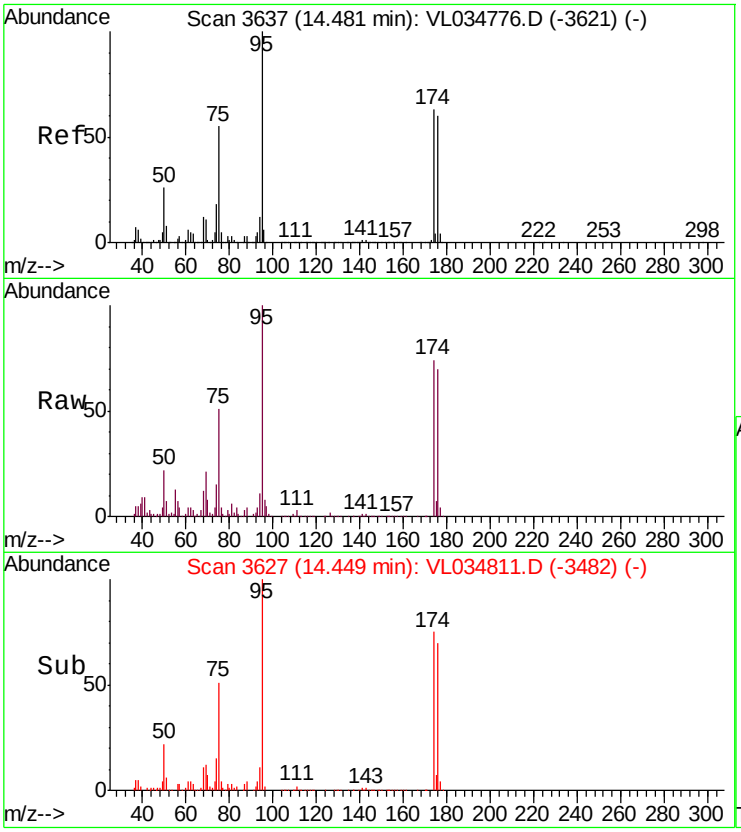


#67
sec-Butylbenzene
Concen: 0.050 ppbv
RT: 17.33 min Scan# 4523
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:105 Resp: 11216

Ion	Ratio	Lower	Upper
105	100		
134	26.7	14.7	22.1#



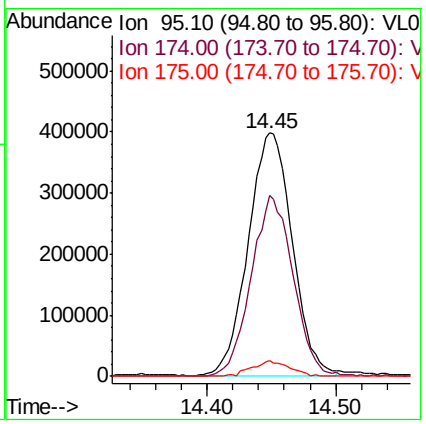


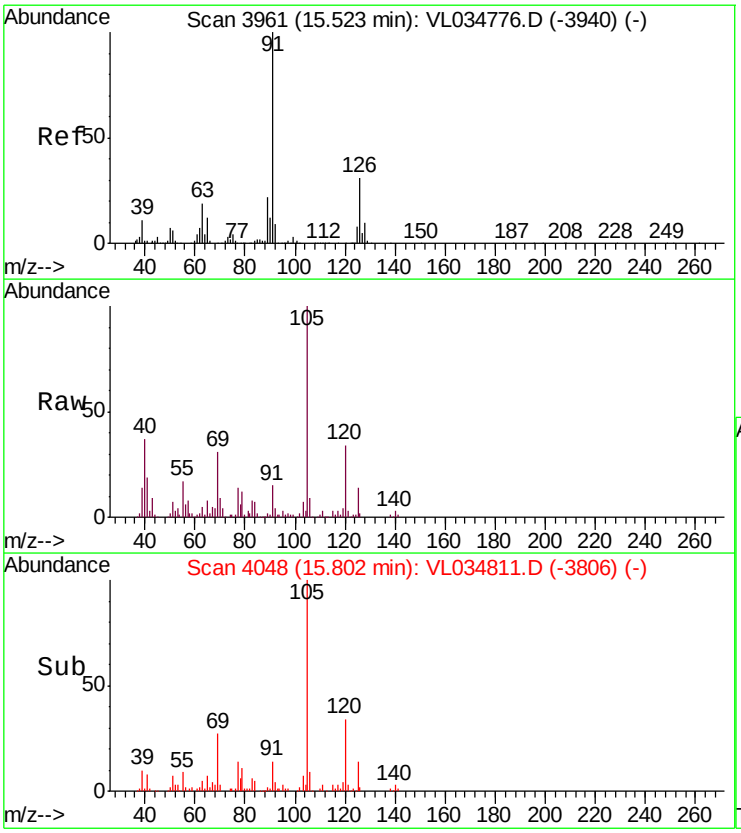
#68
1-Bromo-4-Fluorobenzene
Concen: 9.947 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion: 95 Resp: 947938

Ion	Ratio	Lower	Upper
95	100		
174	71.5	50.6	76.0
175	5.5	3.8	5.6

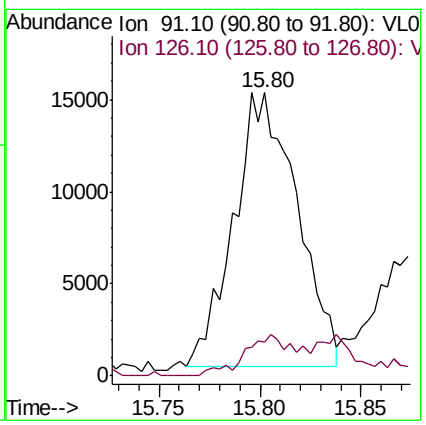


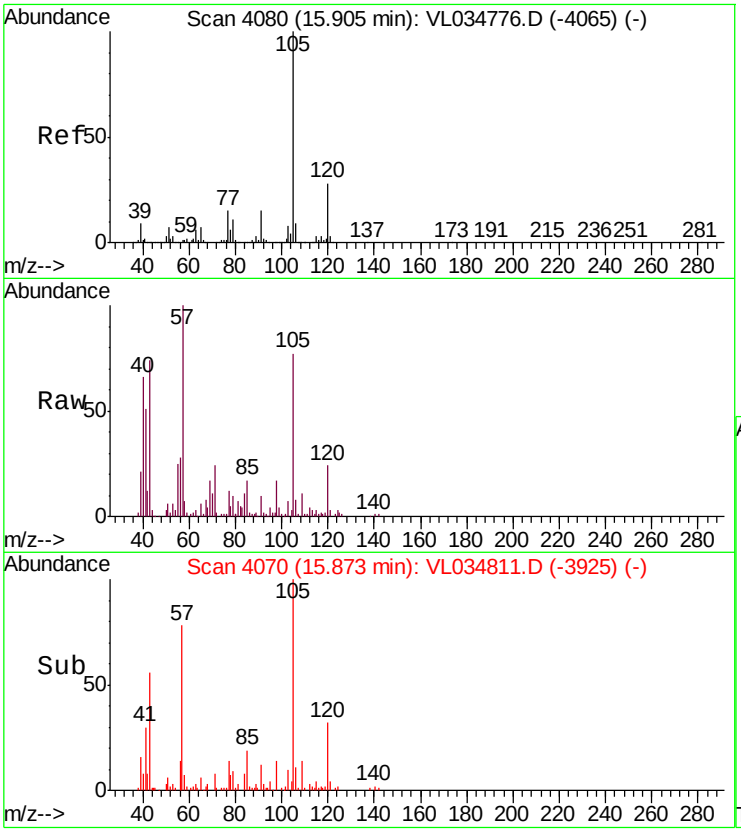


#71
2-Chlorotoluene
Concen: 0.236 ppbv
RT: 15.80 min Scan# 4048
Delta R.T. 0.28 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion: 91 Resp: 32410

Ion	Ratio	Lower	Upper
91	100		
126	23.7	11.7	46.7



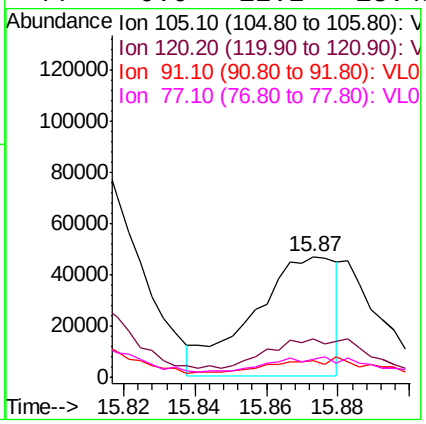


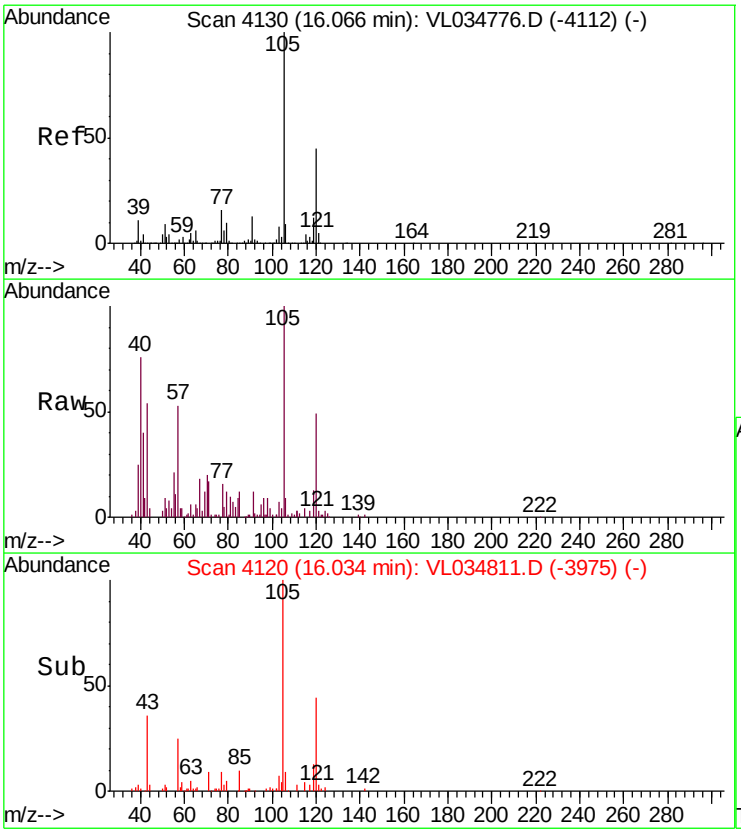
#72
4-Ethyltoluene
Concen: 0.551 ppbv
RT: 15.87 min Scan# 4070
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument : MSVOA_L
ClientSampleId : SS-1-4DL

Tgt Ion:105 Resp: 75742

Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.0	34.6#
91	0.0	11.1	16.7#
77	0.0	12.2	18.4#

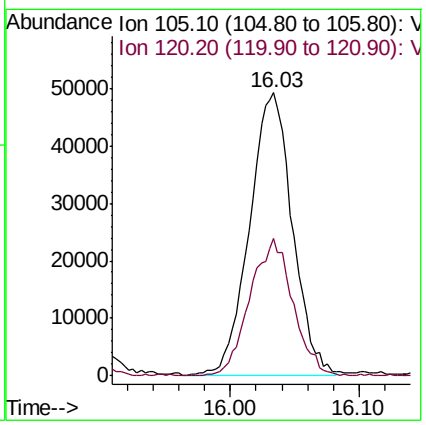


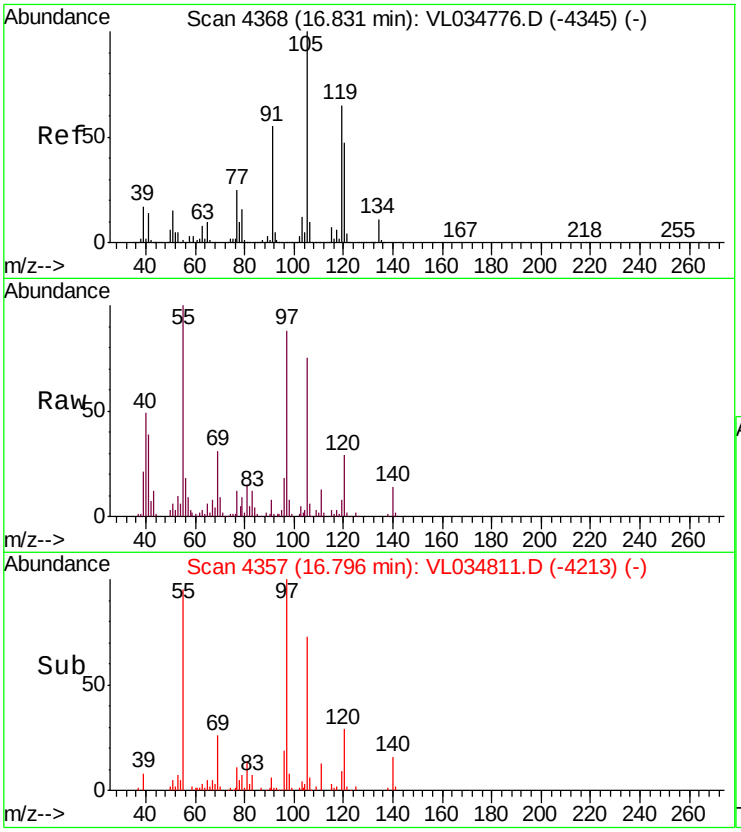


#73
1,3,5-Trimethylbenzene
Concen: 0.867 ppbv
RT: 16.03 min Scan# 4120
Delta R.T. -0.03 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Tgt Ion:105 Resp: 114164

Ion	Ratio	Lower	Upper
105	100		
120	48.6	35.6	53.4





#74
1,2,4-Trimethylbenzene
Concen: 0.870 ppbv
RT: 16.80 min Scan# 4357
Delta R.T. -0.04 min
Lab File: VL034811.D
Acq: 6 Mar 2020 1:34

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4DL

Tgt Ion:105 Resp: 124625

Ion	Ratio	Lower	Upper
105	100		
120	38.8	37.8	56.6
91	9.1	43.8	65.8#
77	13.6	19.9	29.9#