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

Quantitation Report (Not Reviewed)

Data File : VL034810.D
Acq On : 6 Mar 2020 00:56
Operator : SY/AP
Sample : L1698-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Quant Time: Mar 06 03:50:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.67	49	475001	10.00	ppbv		-0.01
33) 1,4-Difluorobenzene	7.19	114	1177952	10.00	ppbv		-0.02
55) Chlorobenzene-d5	12.13	117	1130815	10.00	ppbv		-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.46	95	1094810	11.61	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 116.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	4553	0.059	ppbv		88
3) Chlorodifluoromethane	2.93	51	2712	0.050	ppbv	#	75
5) Vinyl Chloride	3.22	62	3029617	98.387	ppbv		91
7) Chloroethane	3.22	64	1059406	99.500	ppbv	#	44
8) Dichlorotetrafluoroethane	3.01	85	4553	0.068	ppbv	#	20
9) Propene	2.97	41	747595	35.097	ppbv		88
10) Heptane	8.16	43	1729878	31.955	ppbv		98
13) Ethanol	3.58	45	176889	24.237	ppbv		98
15) Acetone	3.84	43	3217161	56.559	ppbv	#	89
16) 1,3-Butadiene	3.32	39	103383	4.017	ppbv	#	9
17) tert-Butyl alcohol	4.28	59	9511	0.212	ppbv	#	71
18) 1,1-Dichloroethene	4.27	96	44440	2.105	ppbv		97
19) Isopropyl Alcohol	3.95	45	196691	5.771	ppbv	#	93
20) Methylene Chloride	4.32	84	486125	23.946	ppbv		98
21) Allyl Chloride	4.18	41	230993	6.413	ppbv		87
22) trans-1,2-Dichloroethene	4.87	96	121495	5.896	ppbv		95
23) Vinyl Acetate	5.04	43	1015165	13.309	ppbv	#	1
24) 1,1-Dichloroethane	5.00	63	1157032	19.544	ppbv		100
25) Ethyl Acetate	5.69	43	1228047	12.494	ppbv	#	76
26) Hexane	5.69	57	1722947	40.124	ppbv	#	42
27) Carbon Disulfide	4.53	76	79165	1.578	ppbv		96
29) Chloroform	5.76	83	2838	0.039	ppbv		89
30) Cyclohexane	7.14	84	912982	27.791	ppbv		96
31) cis-1,2-Dichloroethene	5.55	61	9426959	214.039	ppbv	#	63
32) 1,1,1-Trichloroethane	6.52	97	1202444	16.835	ppbv		96
34) 2-Butanone	5.25	43	207371	2.706	ppbv		100
36) Benzene	6.91	78	7670097	76.200	ppbv	#	86
38) Trichloroethene	7.86	130	1164542	29.684	ppbv		92
39) 1,2-Dichloropropane	7.64	63	1012907	24.935	ppbv		94
40) 1,4-Dioxane	7.87	88	6250	0.445	ppbv	#	1
41) Tetrahydrofuran	6.11	42	33447	0.855	ppbv	#	57
42) Bromodichloromethane	7.82	83	246605	2.835	ppbv	#	26
43) Methyl Methacrylate	8.02	69	28824	0.676	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.90	57	1960846	11.147	ppbv	#	50
47) 1,1,2-Trichloroethane	9.47	97	114058	2.660	ppbv	#	1
50) 4-Methyl-2-Pentanone	8.77	43	68963	0.628	ppbv	#	39
51) 2-Hexanone	10.15	43	752846	8.740	ppbv	#	31
52) Tetrachloroethene	11.27	164	418722	11.260	ppbv		95
53) Toluene	9.85	91	9889666	92.832	ppbv		86
57) Chlorobenzene	12.19	112	39912	0.462	ppbv	#	37
58) Ethyl Benzene	12.75	91	3046817	21.864	ppbv		92

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

Quantitation Report (Not Reviewed)

Data File : VL034810.D
Acq On : 6 Mar 2020 00:56
Operator : SY/AP
Sample : L1698-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Quant Time: Mar 06 03:50:36 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)
59) m/p-Xylene	13.01	91	1911442	15.845	ppbv		94
60) o-Xylene	13.74	91	1046570	8.575	ppbv		98
61) Styrene	13.57	104	1585385	20.938	ppbv		96
62) Isopropylbenzene	14.71	105	213466	1.188	ppbv		98
63) 1,1,2,2-Tetrachloroethane	13.70	83	232516	2.417	ppbv	#	40
64) n-propylbenzene	15.61	120	65400	1.452	ppbv		94
65) tert-Butylbenzene	16.81	119	29823	0.196	ppbv	#	1
66) Benzyl Chloride	17.04	91	1812	0.037	ppbv	#	68
67) sec-Butylbenzene	17.34	105	62365	0.282	ppbv		98
69) p-Isopropyltoluene	17.70	119	10312	0.058	ppbv	#	13
71) 2-Chlorotoluene	15.50	91	61972	0.457	ppbv	#	29
72) 4-Ethyltoluene	15.89	105	385667	2.838	ppbv	#	97
73) 1,3,5-Trimethylbenzene	16.04	105	407206	3.124	ppbv		96
74) 1,2,4-Trimethylbenzene	16.81	105	432925	3.055	ppbv	#	70

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

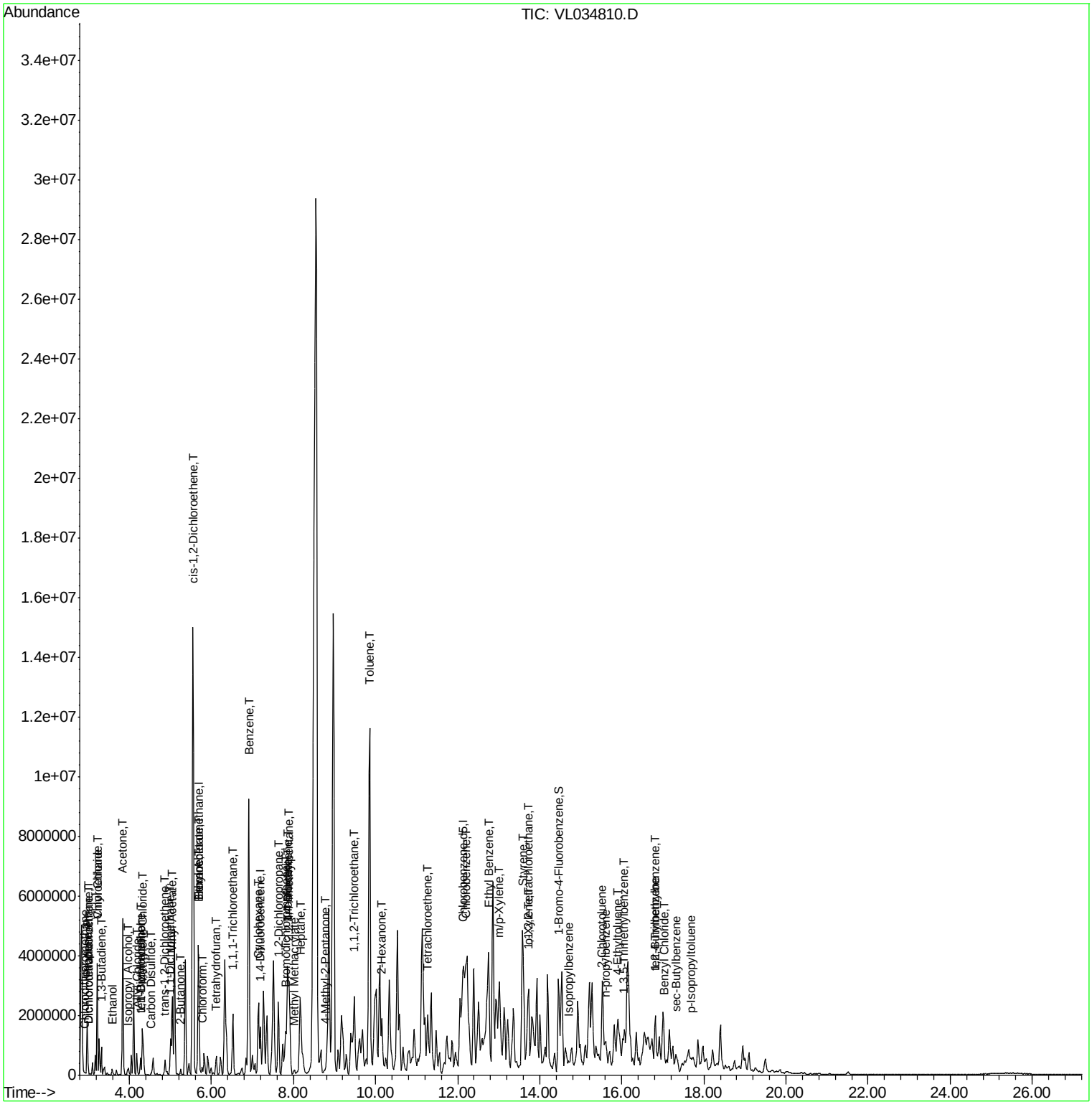
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030520\

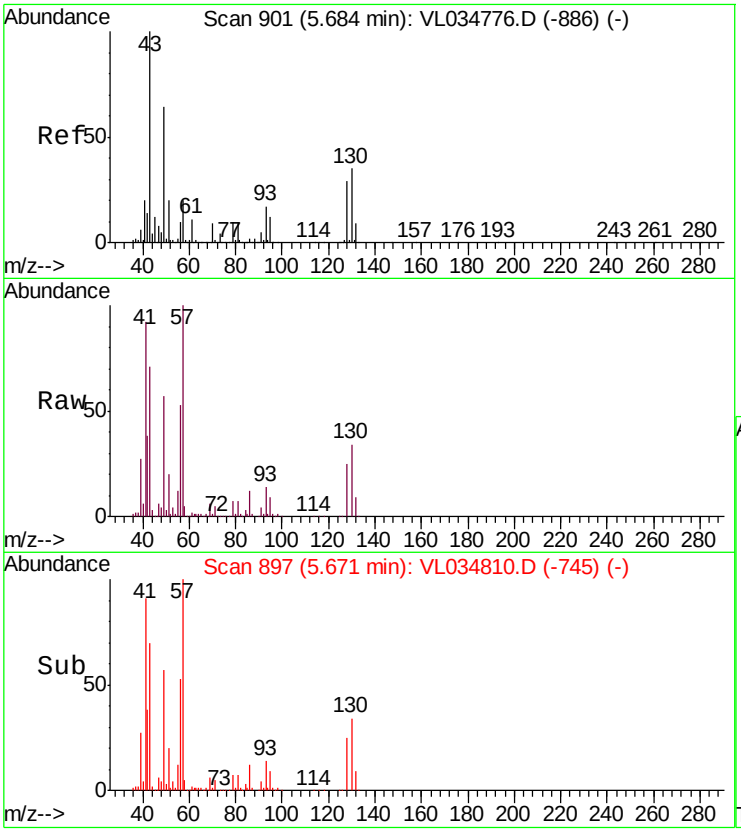
Quantitation Report (Not Reviewed)

Data File : VL034810.D
Acq On : 6 Mar 2020 00:56
Operator : SY/AP
Sample : L1698-07 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Quant Time: Mar 06 03:50:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030420AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 04 06:36:39 2020
QLast Update : Wed Mar 04 06:36:39 2020
Response via : Initial Calibration



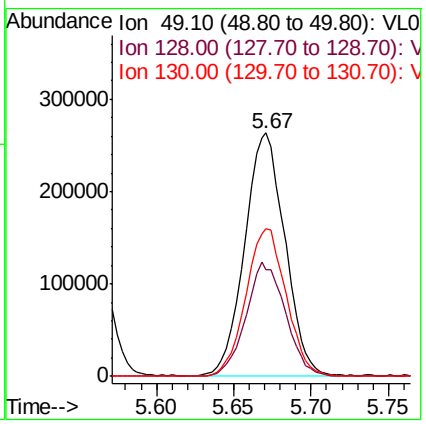


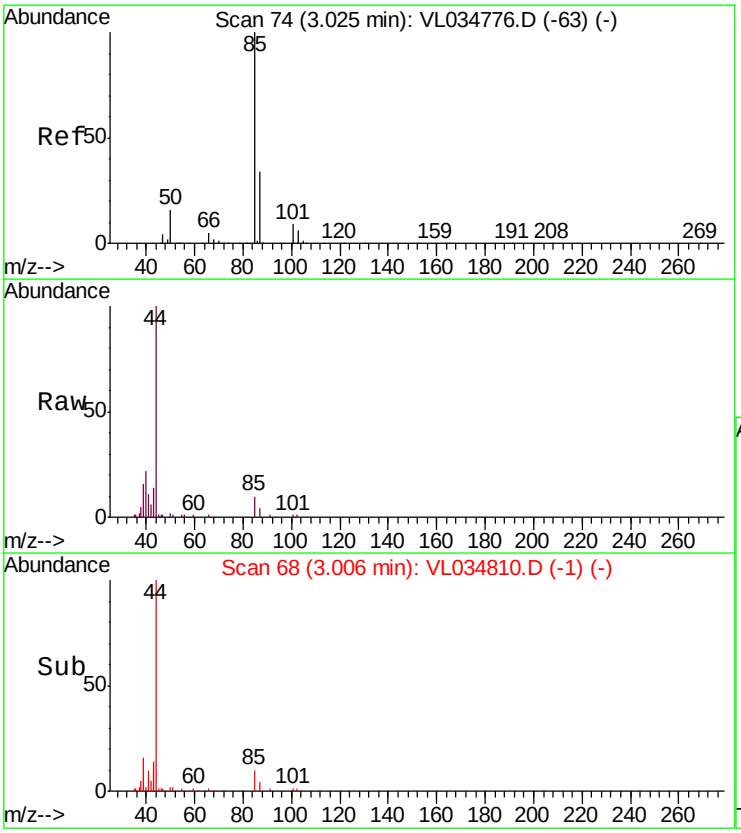
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 49 Resp: 475001

Ion	Ratio	Lower	Upper
49	100		
128	46.2	21.6	64.6
130	61.2	27.4	82.2

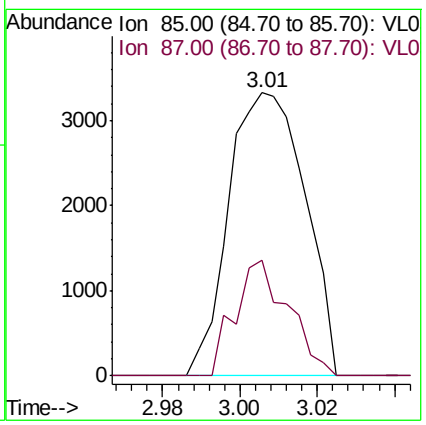


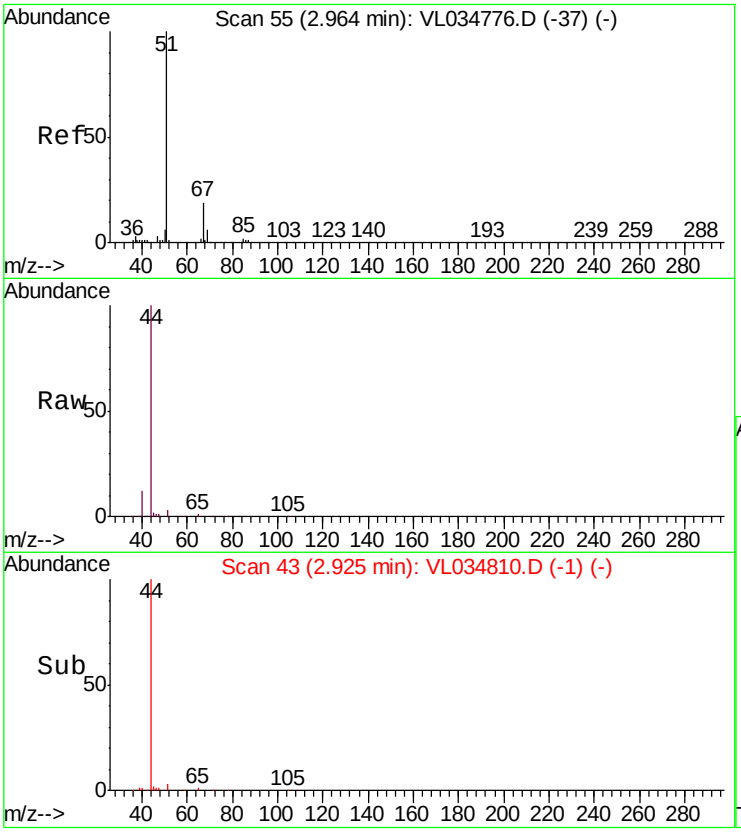


#2
Dichlorodifluoromethane
Concen: 0.059 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 85 Resp: 4553

Ion	Ratio	Lower	Upper
85	100		
87	40.7	27.2	40.8



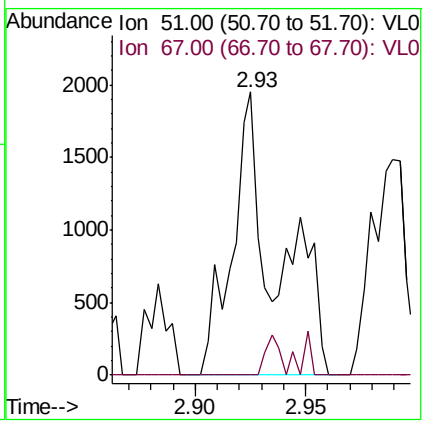


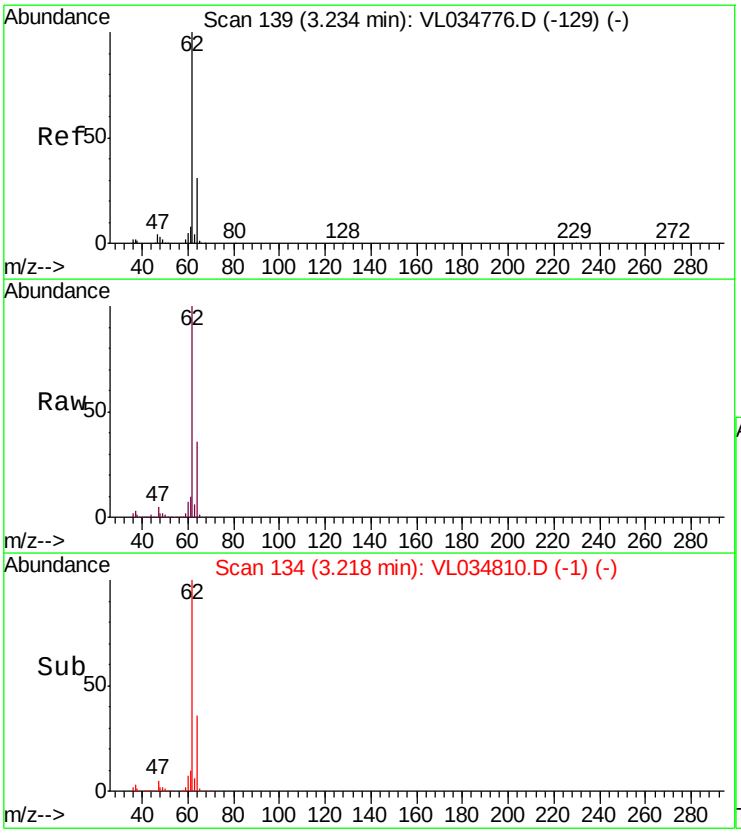
#3
Chlorodifluoromethane
Concen: 0.050 ppbv
RT: 2.93 min Scan# 43
Delta R.T. -0.04 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 51 Resp: 2712

Ion	Ratio	Lower	Upper
51	100		
67	7.8	15.3	22.9#

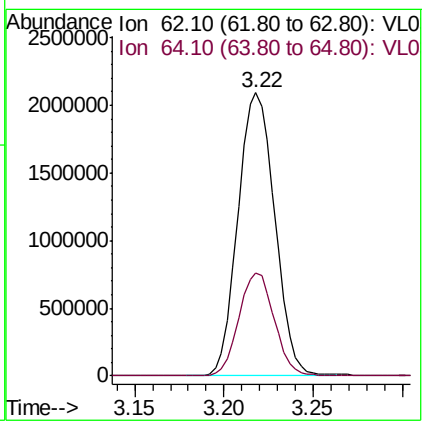


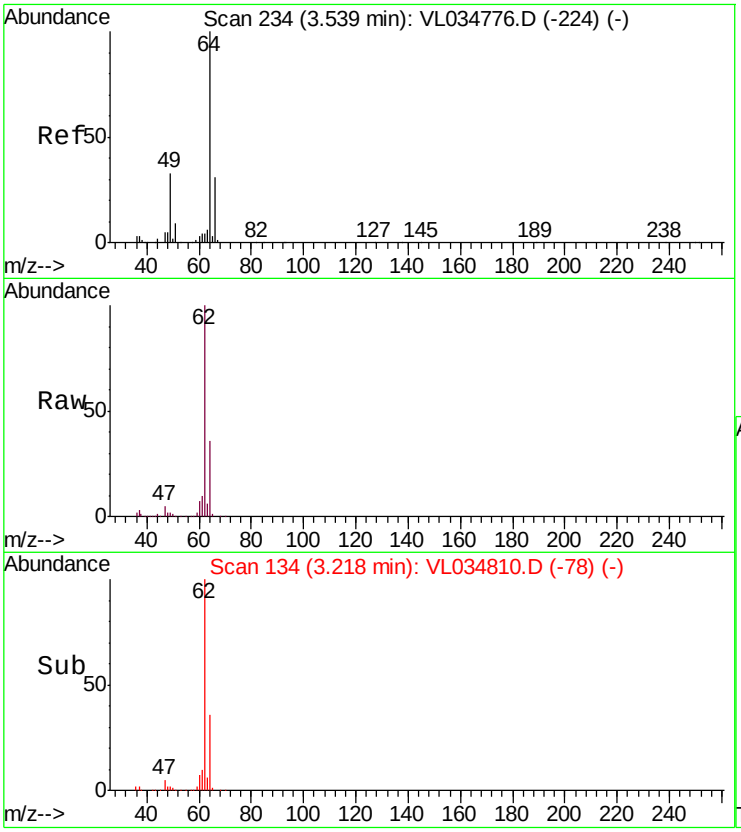


#5
Vinyl Chloride
Concen: 98.387 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 62 Resp: 3029617

Ion	Ratio	Lower	Upper
62	100		
64	36.3	25.1	37.7



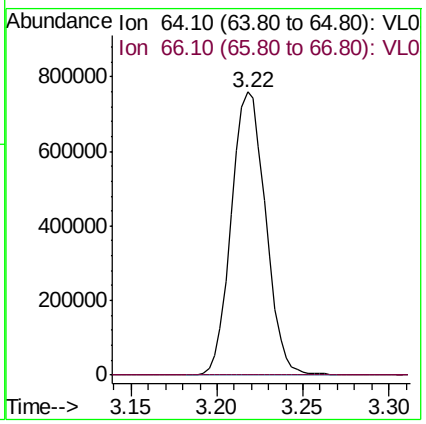


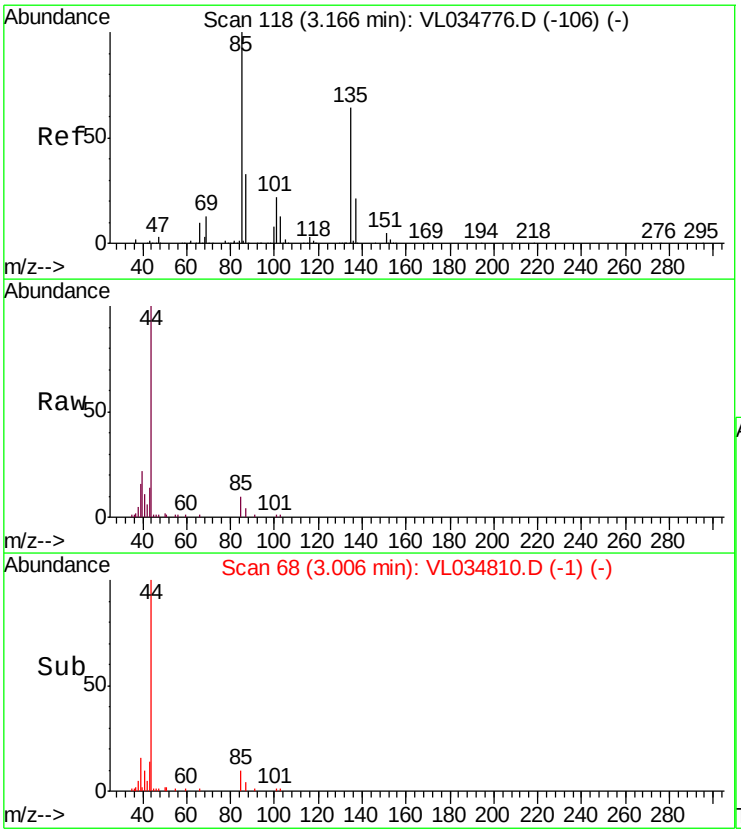
#7
Chloroethane
Concen: 99.500 ppbv
RT: 3.22 min Scan# 134
Delta R.T. -0.32 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 64 Resp: 1059406

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.8	37.2#

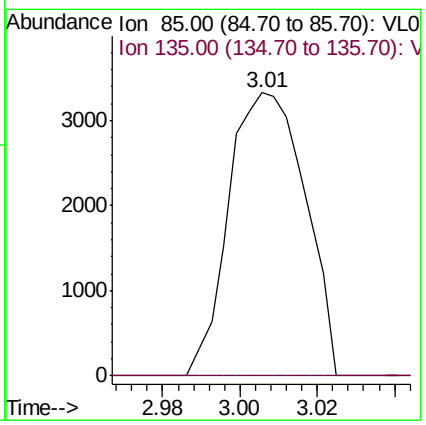


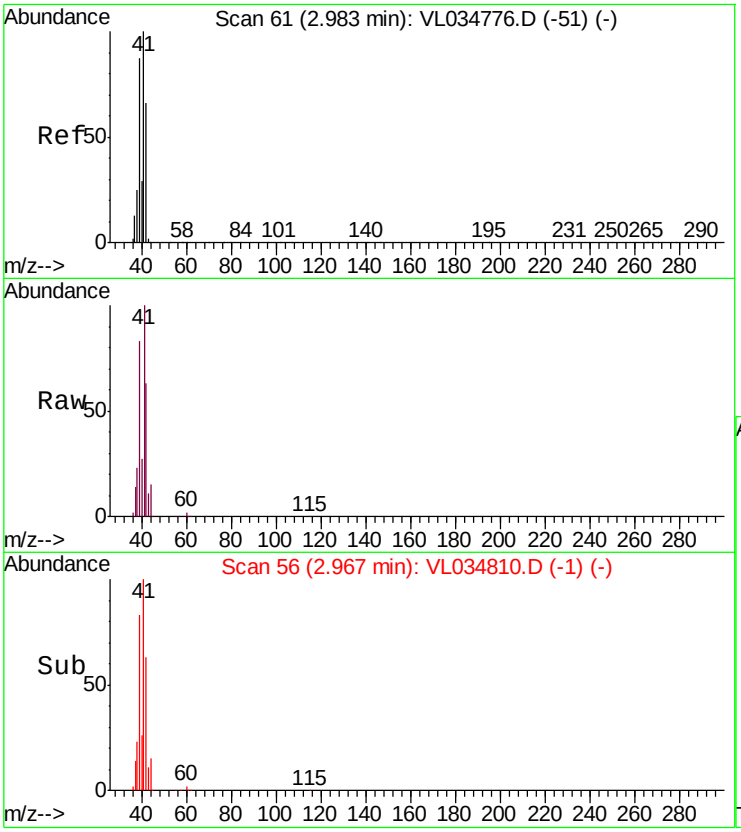


#8
Dichlorotetrafluoroethane
Concen: 0.068 ppbv
RT: 3.01 min Scan# 68
Delta R.T. -0.16 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 85 Resp: 4553

Ion	Ratio	Lower	Upper
85	100		
135	0.0	49.4	74.2#



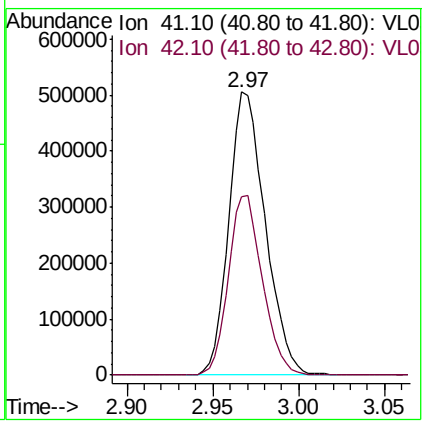


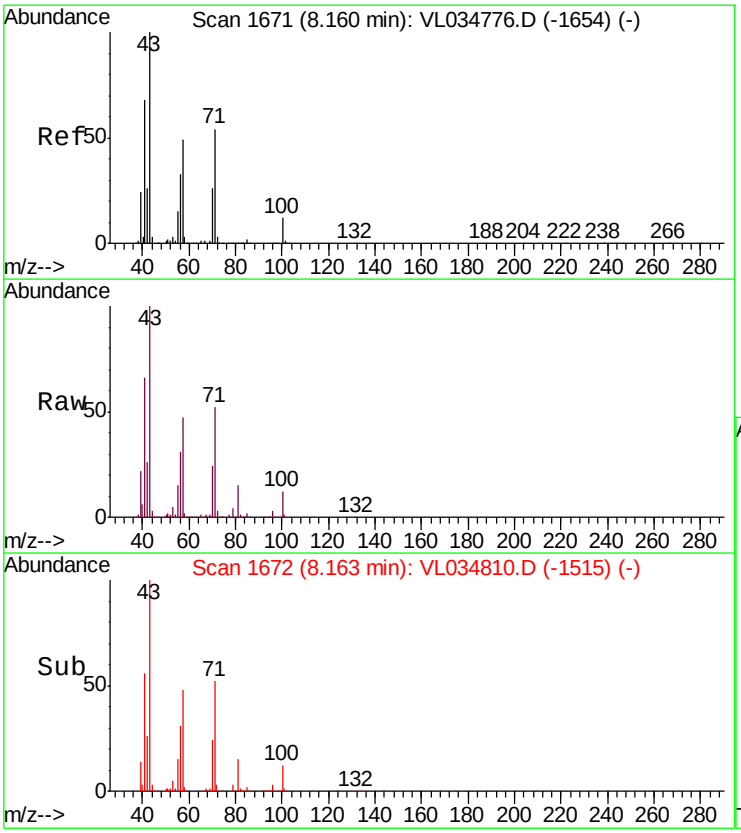
#9
Propene
Concen: 35.097 ppbv
RT: 2.97 min Scan# 56
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 41 Resp: 747595

Ion	Ratio	Lower	Upper
41	100		
42	59.7	55.6	83.4

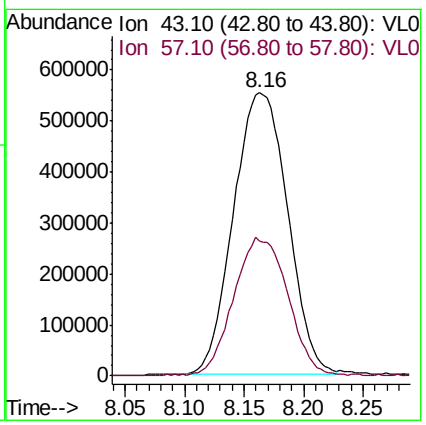


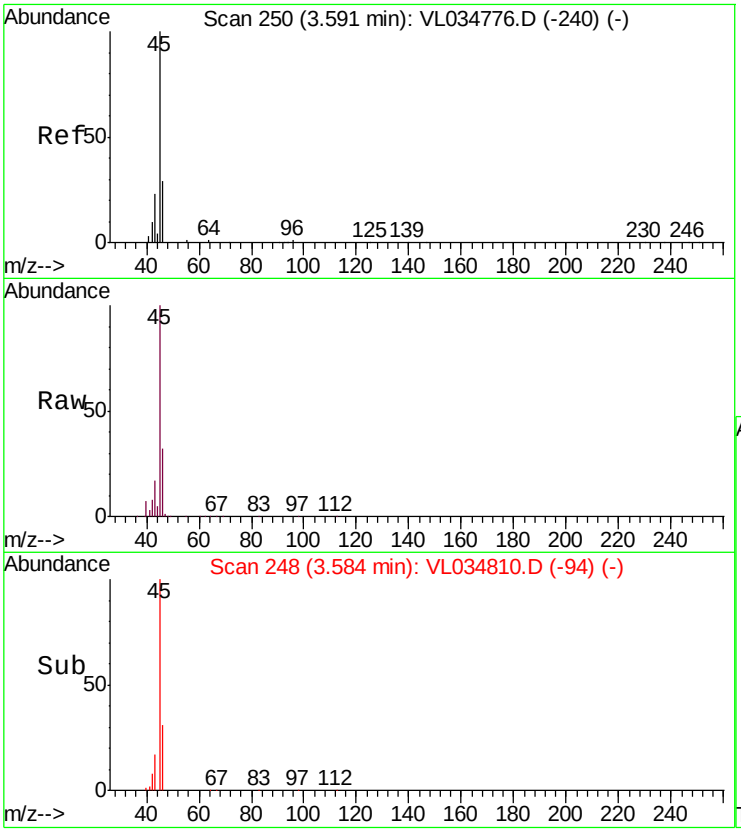


#10
Heptane
Concen: 31.955 ppbv
RT: 8.16 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 1729878

Ion	Ratio	Lower	Upper
43	100		
57	49.4	40.5	60.7



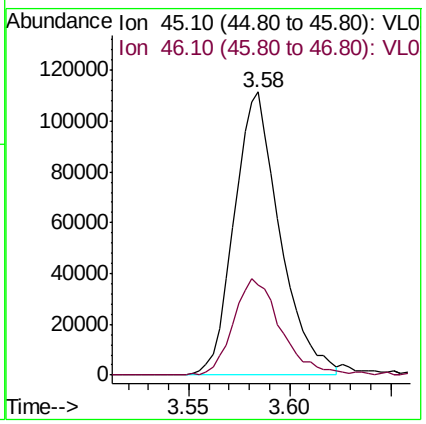


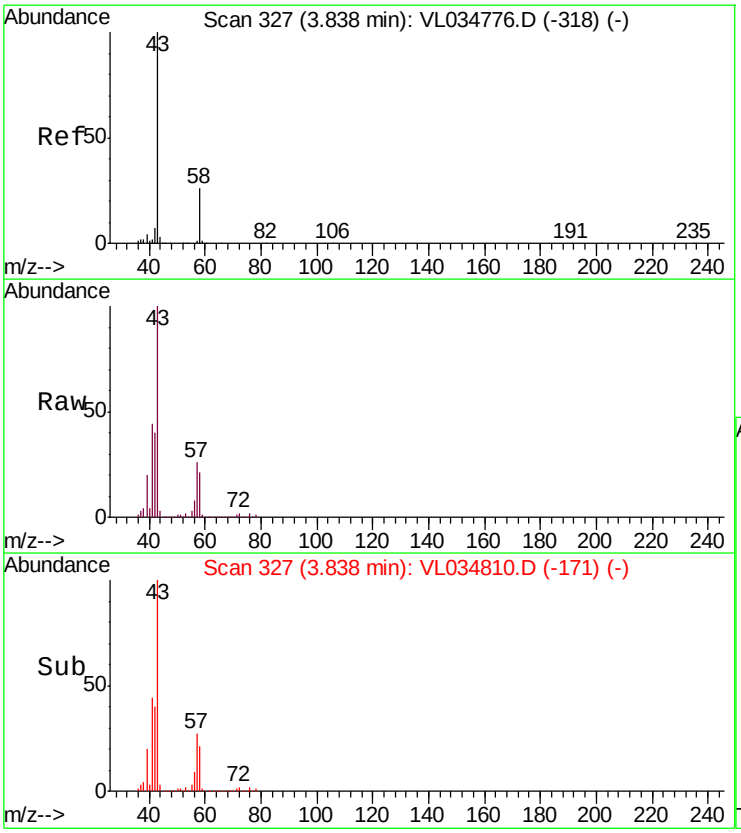
#13
Ethanol
Concen: 24.237 ppbv
RT: 3.58 min Scan# 248
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 45 Resp: 176889

Ion	Ratio	Lower	Upper
45	100		
46	35.7	14.7	58.9

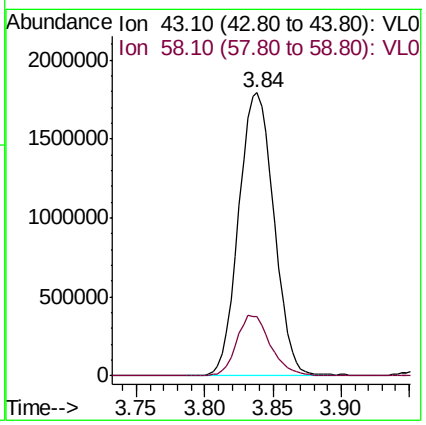


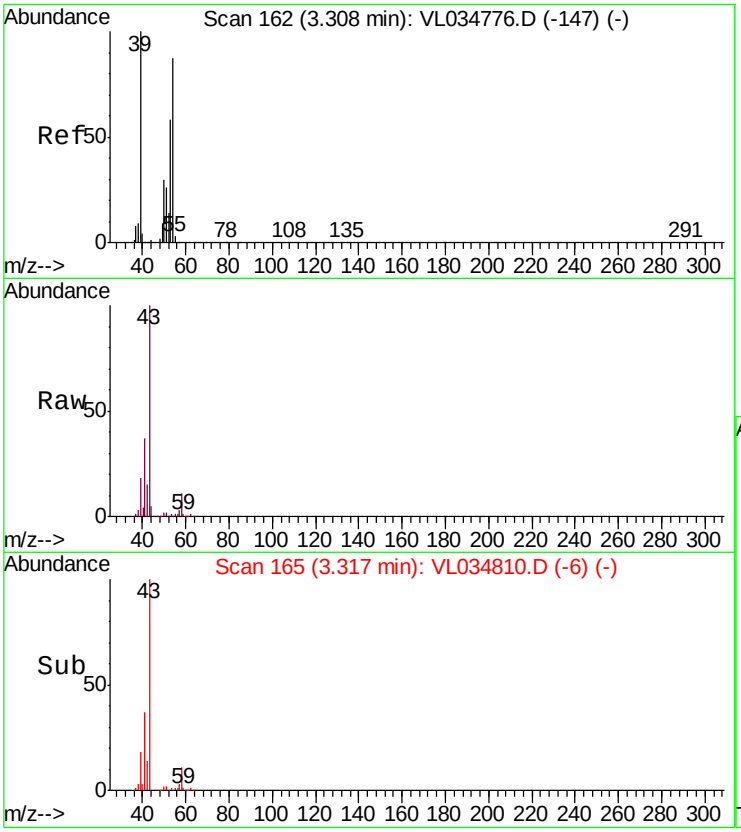


#15
Acetone
Concen: 56.559 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.00 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 3217161

Ion	Ratio	Lower	Upper
43	100		
58	20.7	21.0	31.6#



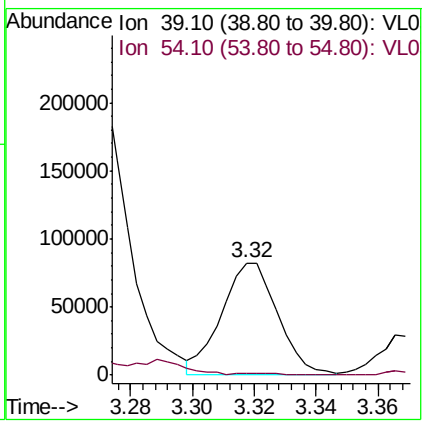


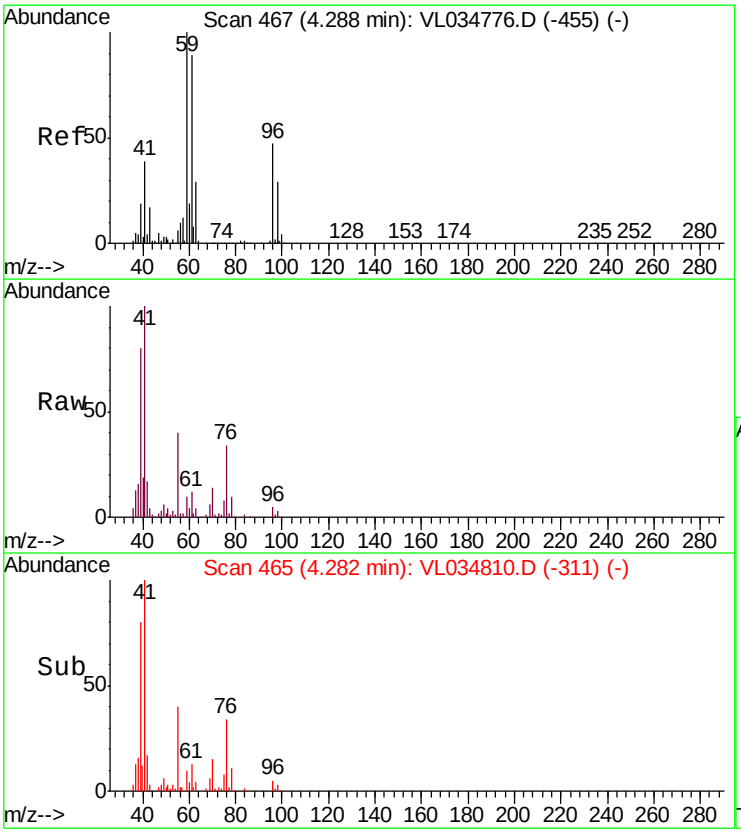
#16
1,3-Butadiene
Concen: 4.017 ppbv
RT: 3.32 min Scan# 165
Delta R.T. 0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 39 Resp: 103383

Ion	Ratio	Lower	Upper
39	100		
54	0.0	64.2	96.2#

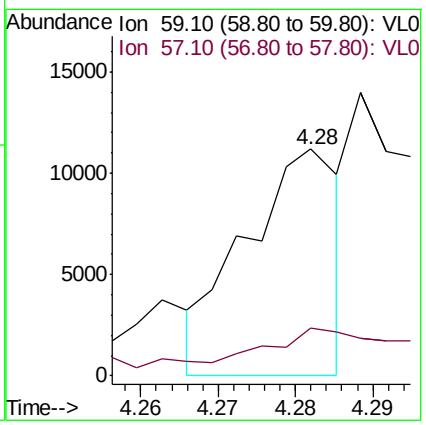


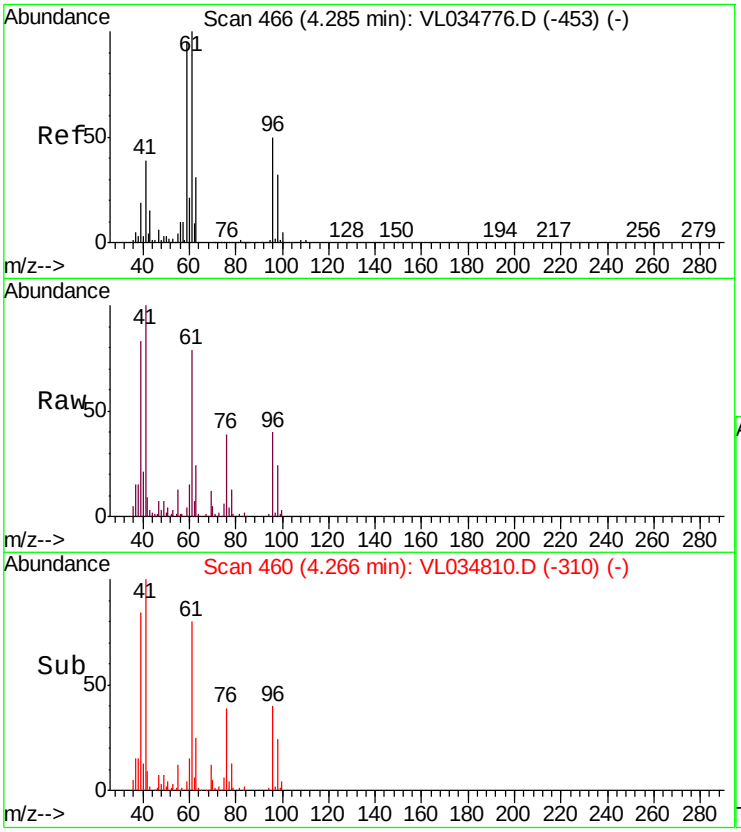


#17
tert-Butyl alcohol
Concen: 0.212 ppbv
RT: 4.28 min Scan# 465
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 59 Resp: 9511

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#



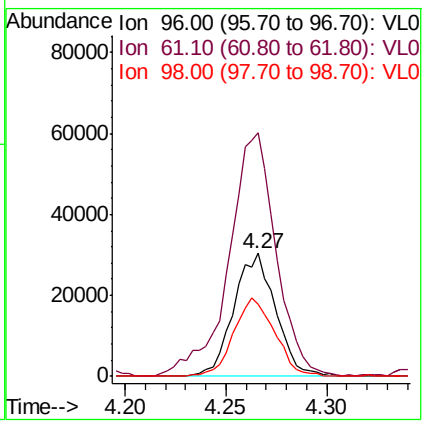


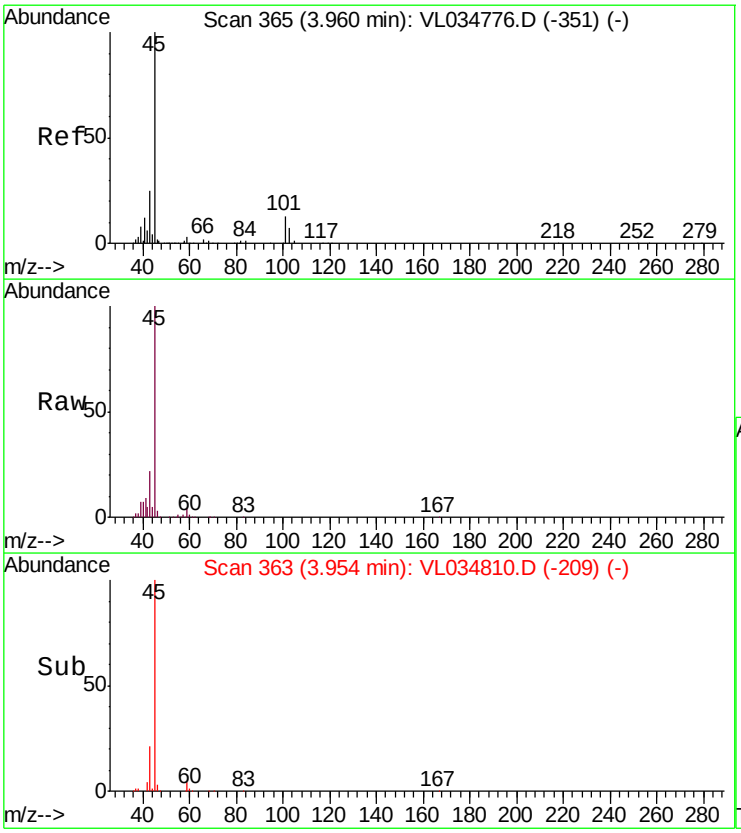
#18
1,1-Dichloroethene
Concen: 2.105 ppbv
RT: 4.27 min Scan# 460
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 96 Resp: 44440

Ion	Ratio	Lower	Upper
96	100		
61	196.4	159.5	239.3
98	58.7	51.1	76.7

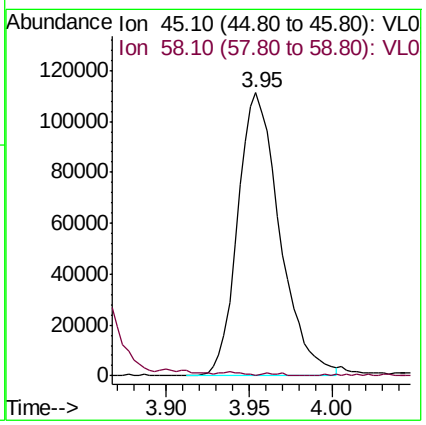


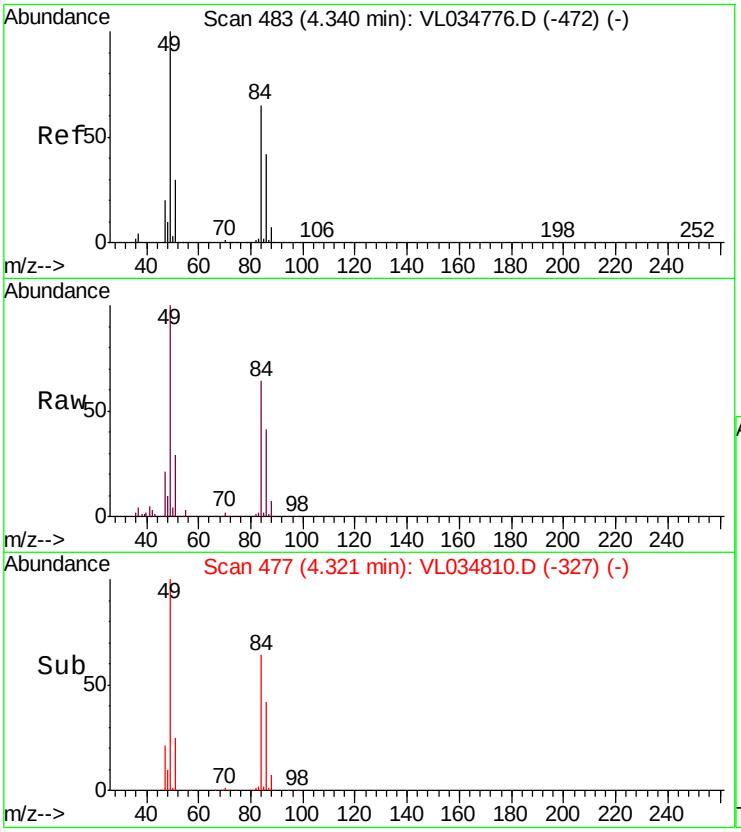


#19
Isopropyl Alcohol
Concen: 5.771 ppbv
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 45 Resp: 196691

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.8	2.8#



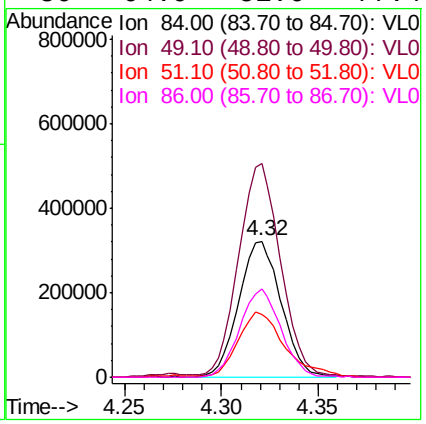


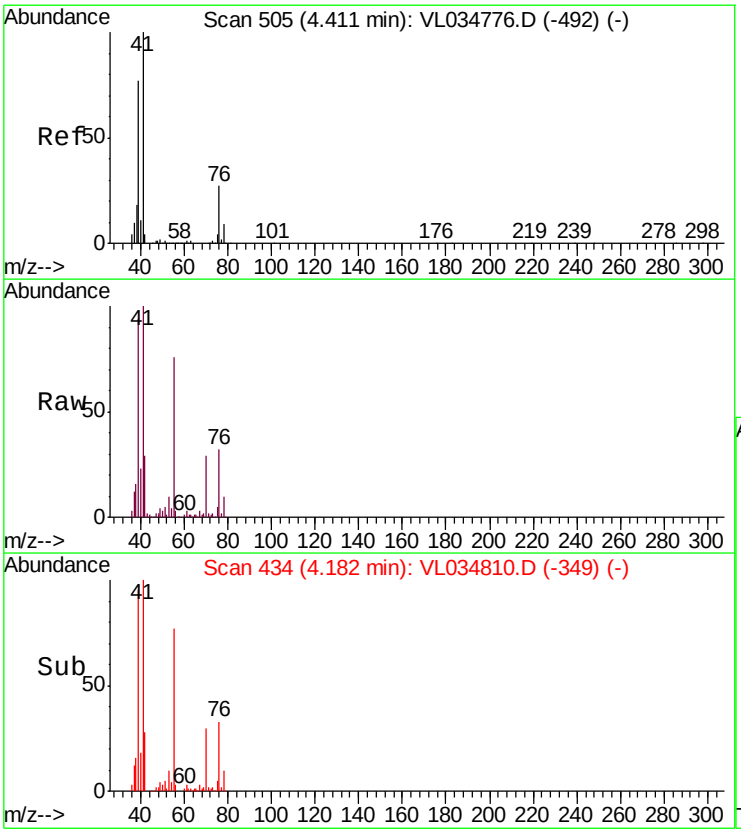
#20
Methylene Chloride
Concen: 23.946 ppbv
RT: 4.32 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 84 Resp: 486125

Ion	Ratio	Lower	Upper
84	100		
49	156.0	123.2	184.8
51	44.7	37.4	56.2
86	64.9	51.6	77.4

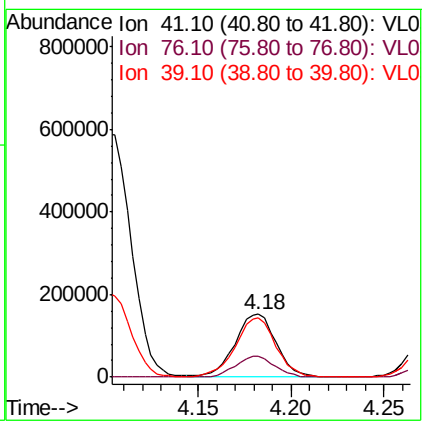


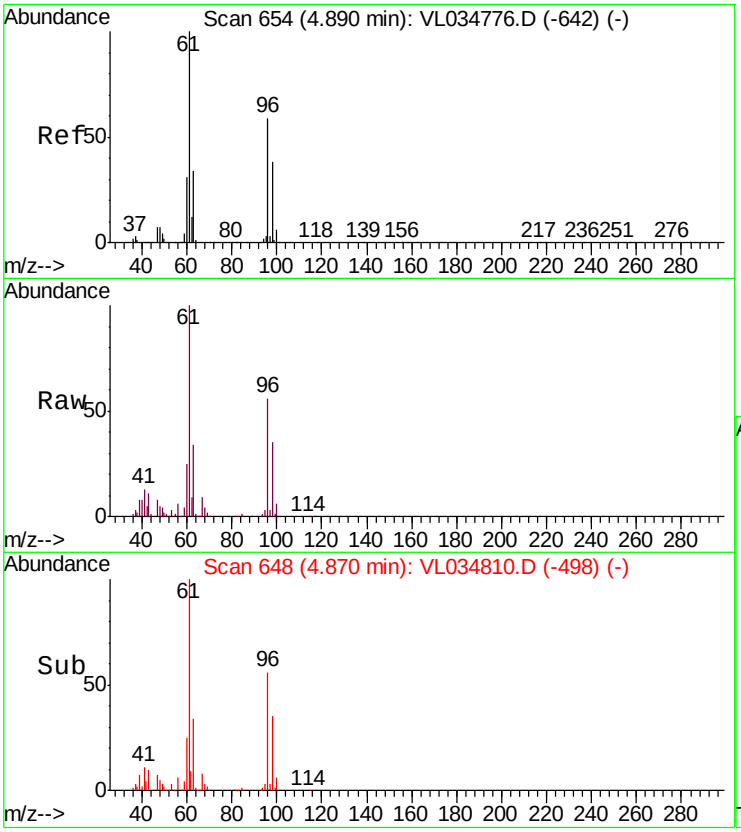


#21
Allyl Chloride
Concen: 6.413 ppbv
RT: 4.18 min Scan# 434
Delta R.T. -0.23 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 41 Resp: 230993

Ion	Ratio	Lower	Upper
41	100		
76	32.0	22.5	33.7
39	94.2	65.0	97.6



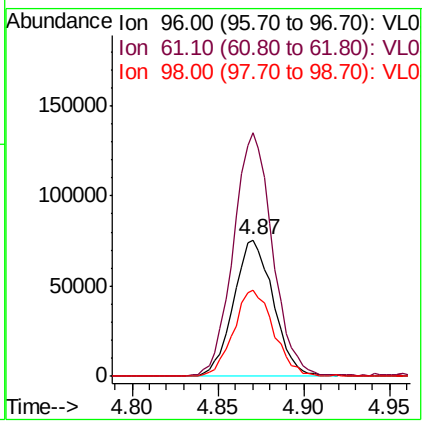


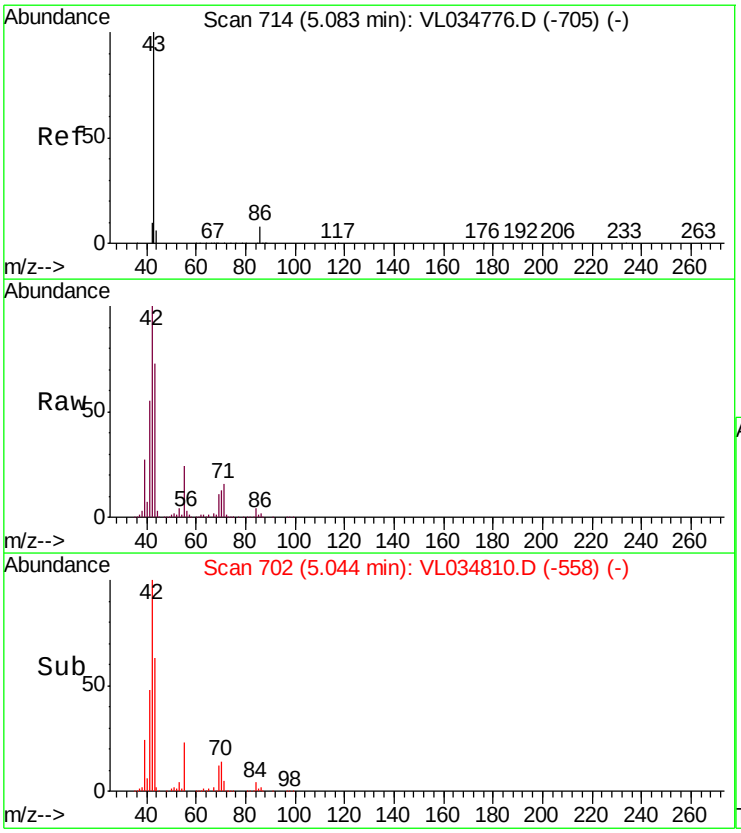
#22
trans-1,2-Dichloroethene
Concen: 5.896 ppbv
RT: 4.87 min Scan# 648
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 96 Resp: 121495

Ion	Ratio	Lower	Upper
96	100		
61	178.3	135.2	202.8
98	63.1	50.8	76.2

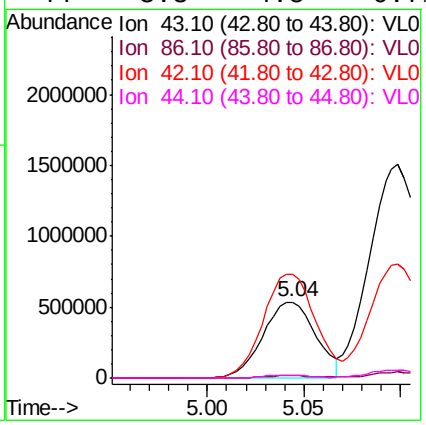


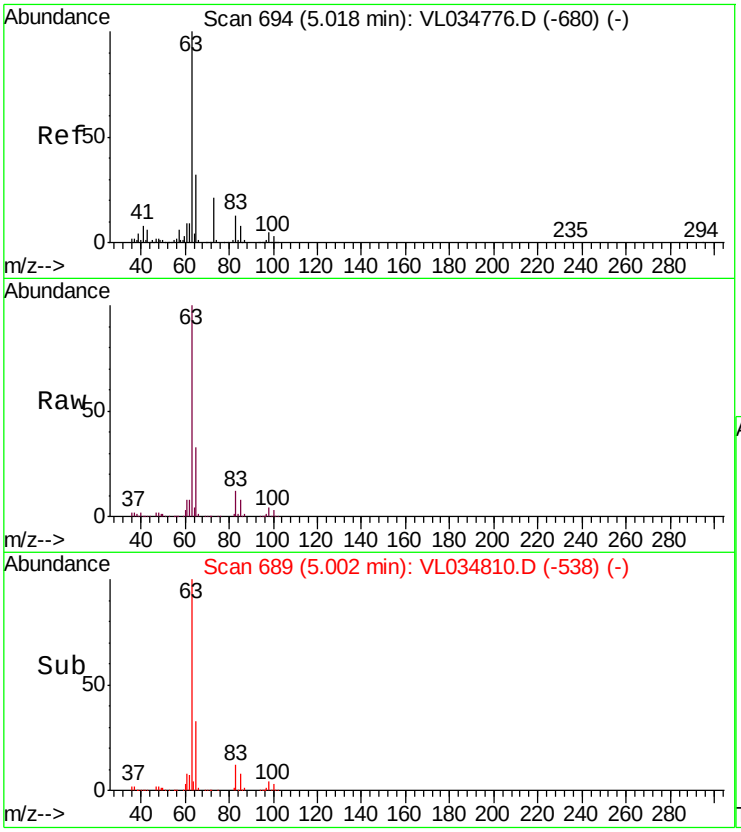


#23
Vinyl Acetate
Concen: 13.309 ppbv
RT: 5.04 min Scan# 702
Delta R.T. -0.04 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 1015165

Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.9	8.9#
42	136.3	8.2	12.2#
44	3.3	4.5	6.7#



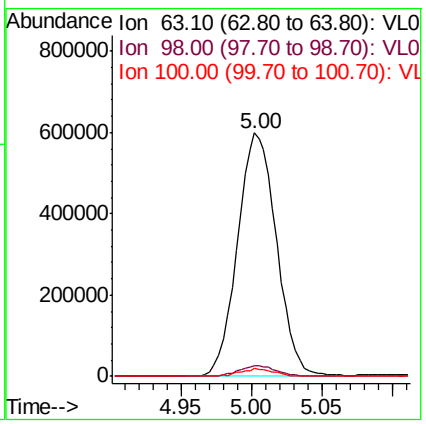


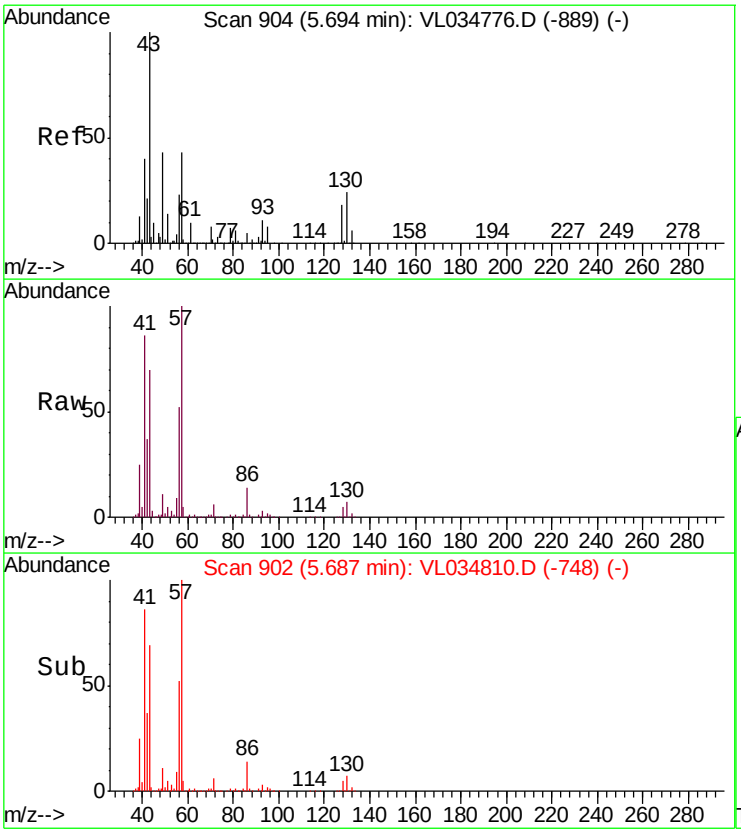
#24
1,1-Dichloroethane
Concen: 19.544 ppbv
RT: 5.00 min Scan# 689
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 63 Resp: 1157032

Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.8
100	3.1	1.5	4.4

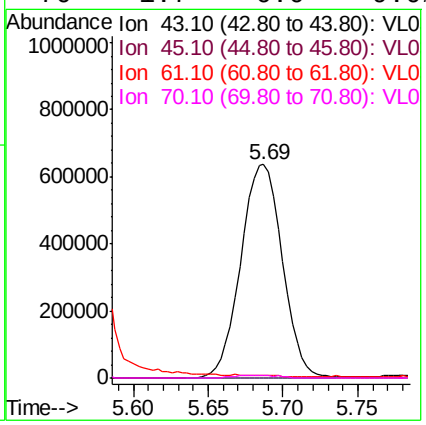


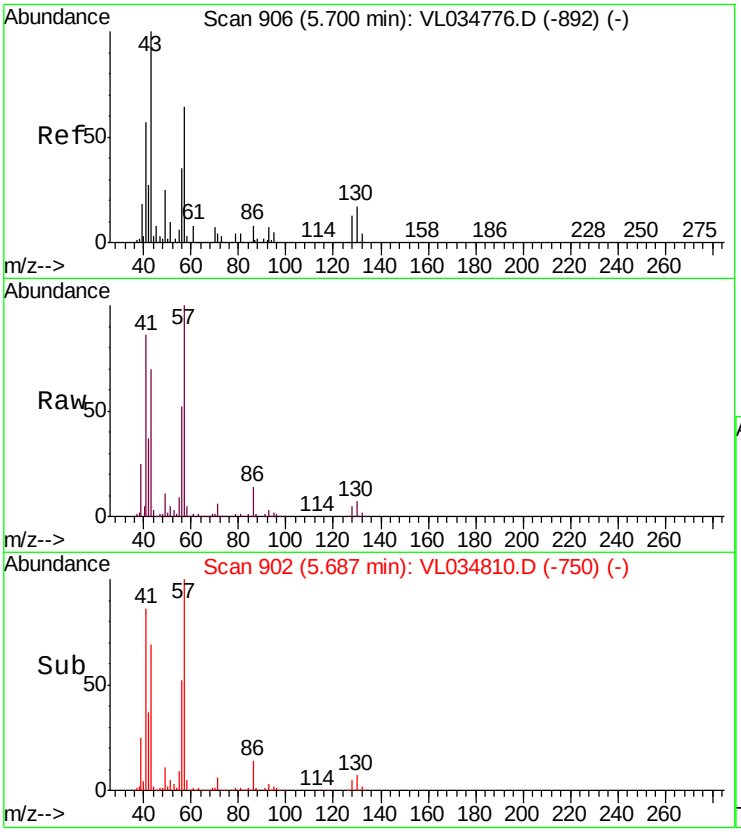


#25
Ethyl Acetate
Concen: 12.494 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 1228047

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#



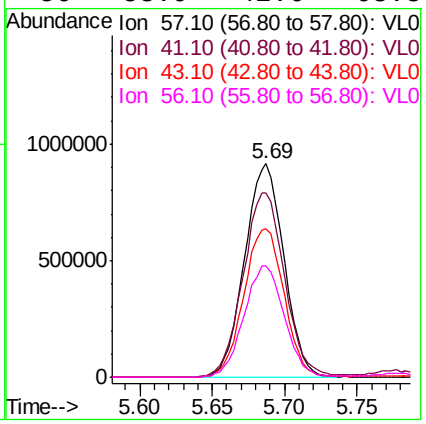


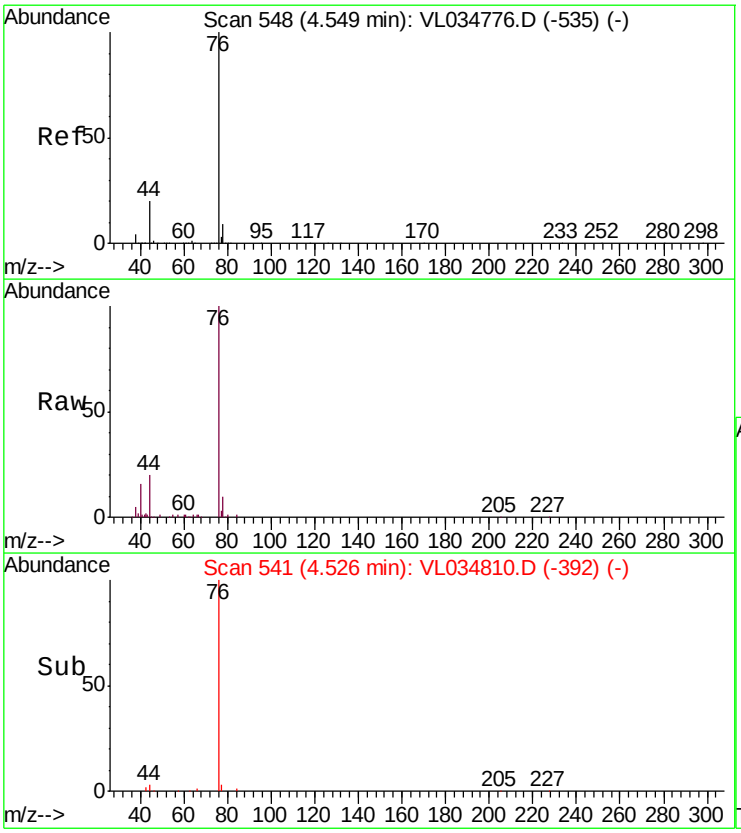
#26
Hexane
Concen: 40.124 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 57 Resp: 1722947

Ion	Ratio	Lower	Upper
57	100		
41	91.7	72.0	108.0
43	71.7	179.1	268.7#
56	53.9	42.6	63.8

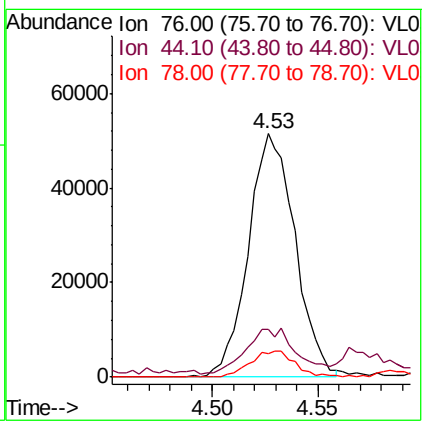


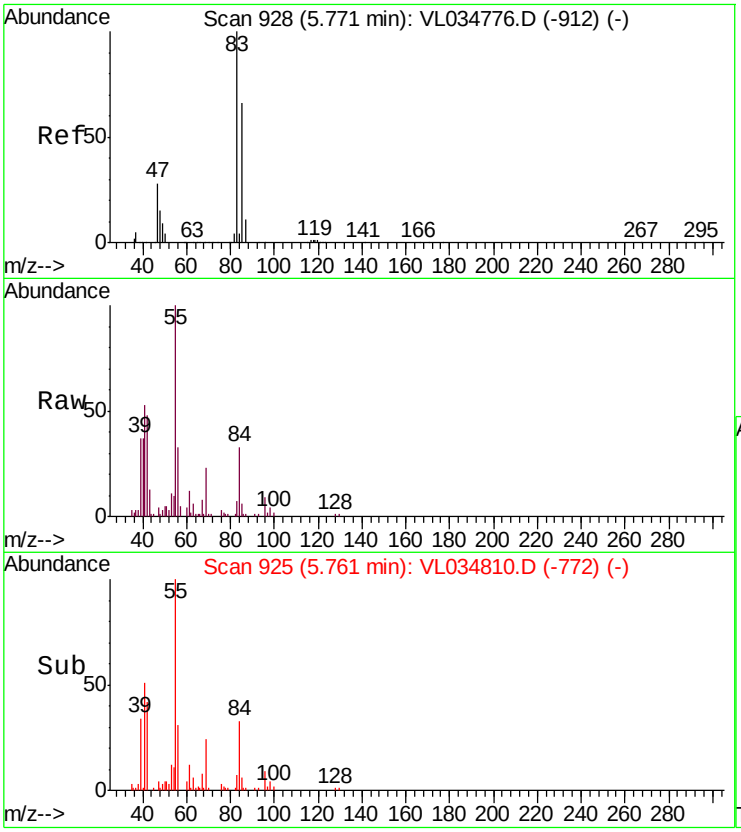


#27
Carbon Disulfide
Concen: 1.578 ppbv
RT: 4.53 min Scan# 541
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 76 Resp: 79165

Ion	Ratio	Lower	Upper
76	100		
44	22.5	16.1	24.1
78	10.3	7.5	11.3



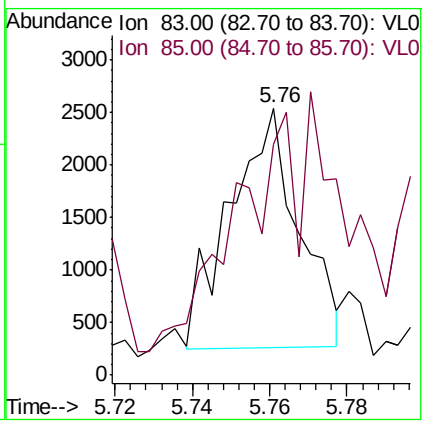


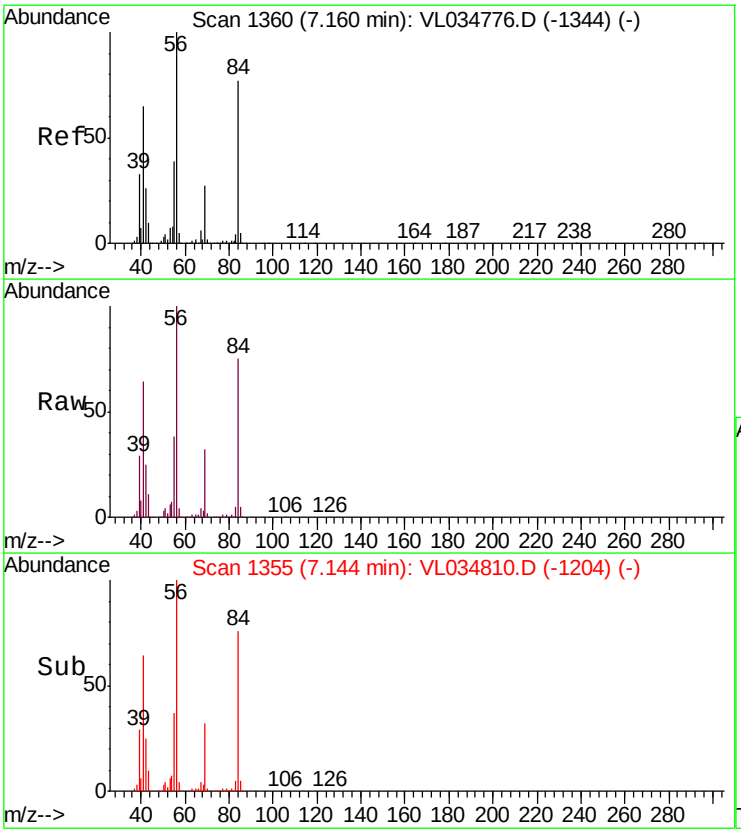
#29
Chloroform
Concen: 0.039 ppbv
RT: 5.76 min Scan# 925
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 83 Resp: 2838

Ion	Ratio	Lower	Upper
83	100		
85	74.9	53.0	79.4

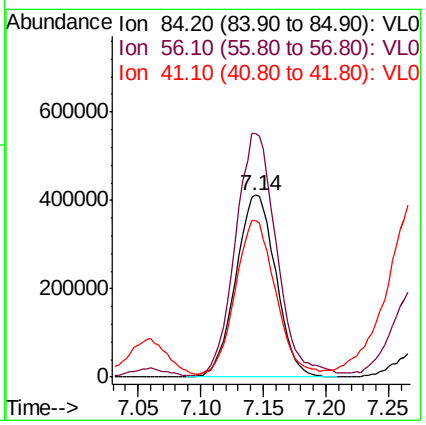


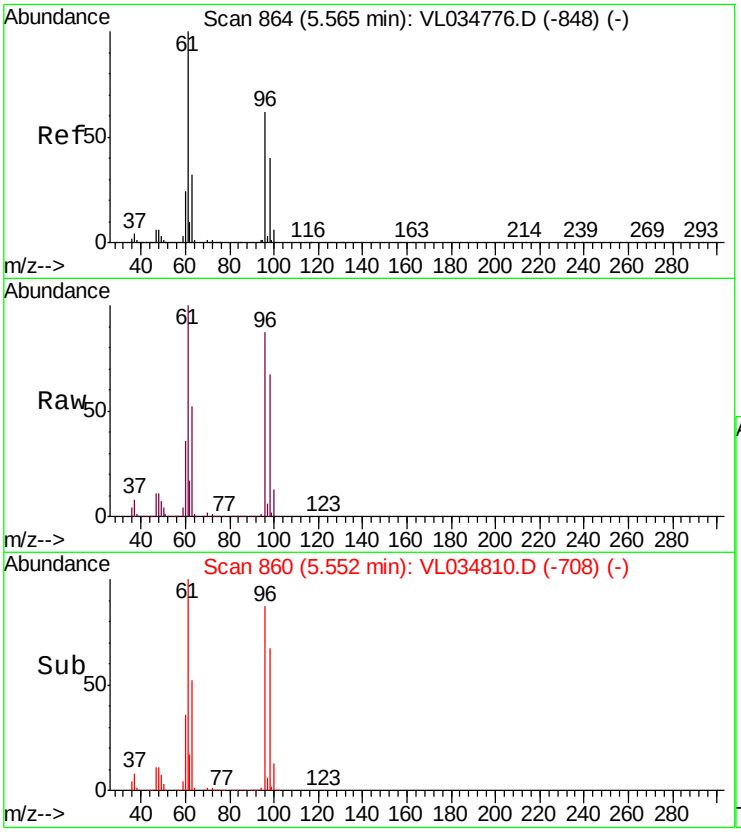


#30
Cyclohexane
Concen: 27.791 ppbv
RT: 7.14 min Scan# 1355
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 84 Resp: 912982

Ion	Ratio	Lower	Upper
84	100		
56	136.3	113.2	169.8
41	84.1	70.2	105.4



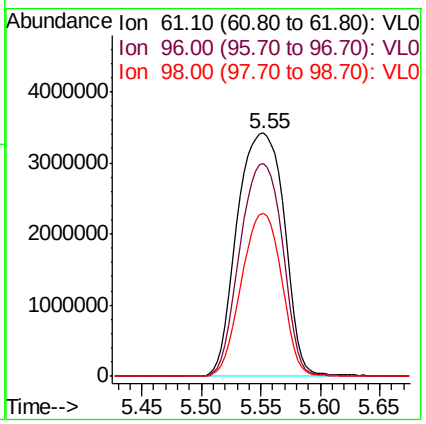


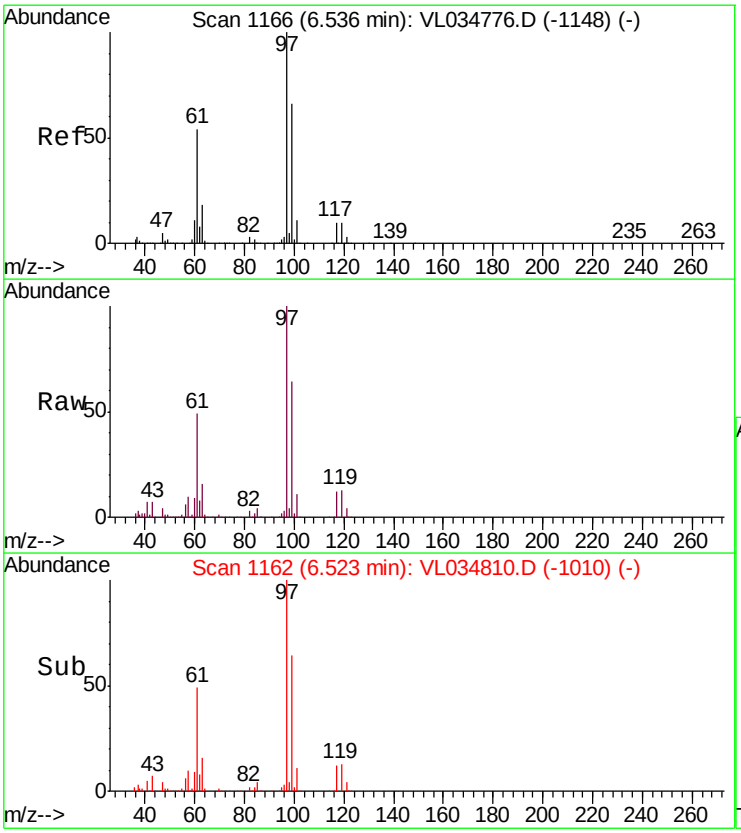
#31
cis-1,2-Dichloroethene
Concen: 214.039 ppbv
RT: 5.55 min Scan# 860
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 61 Resp: 9426959

Ion	Ratio	Lower	Upper
61	100		
96	87.2	49.7	74.5#
98	67.1	31.9	47.9#

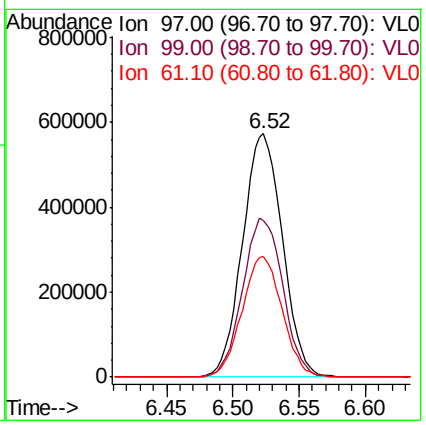


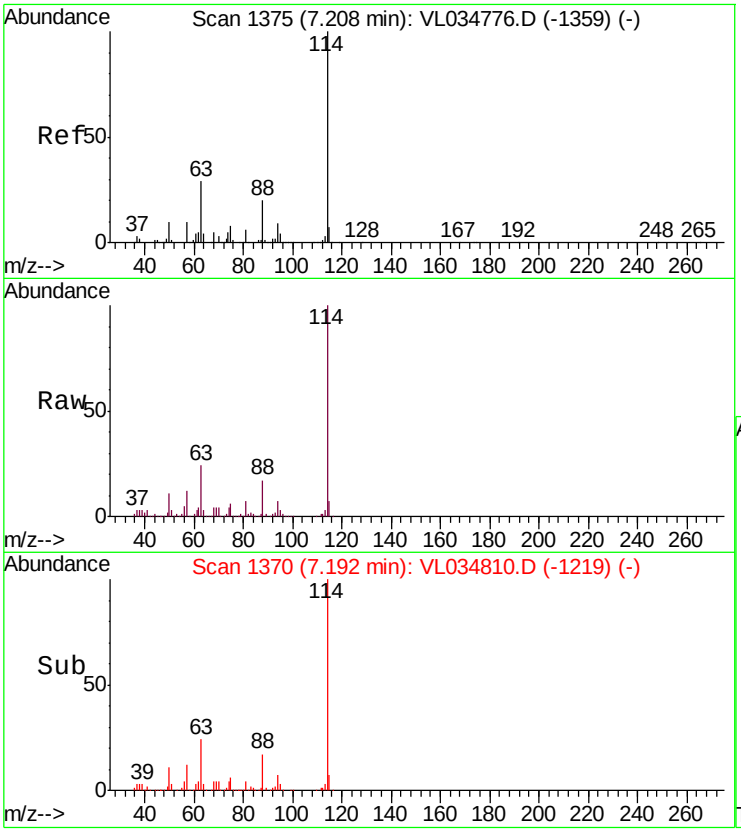


#32
1,1,1-Trichloroethane
Concen: 16.835 ppbv
RT: 6.52 min Scan# 1162
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 97 Resp: 1202444

Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.7	77.5
61	49.6	43.4	65.0



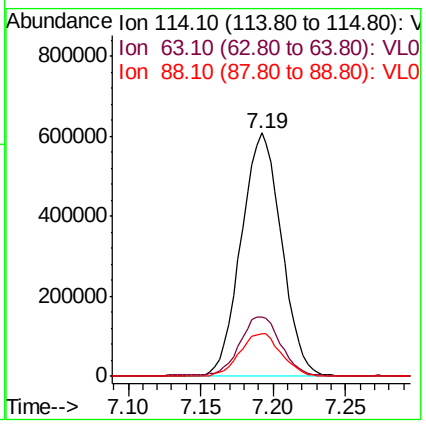


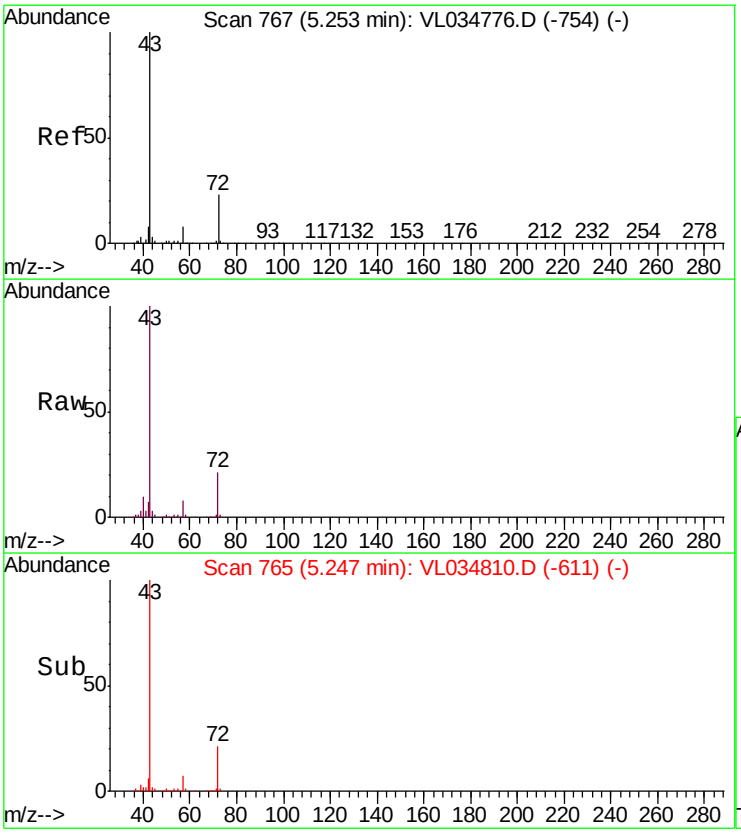
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:114 Resp: 1177952

Ion	Ratio	Lower	Upper
114	100		
63	25.8	23.6	35.4
88	18.0	15.8	23.8

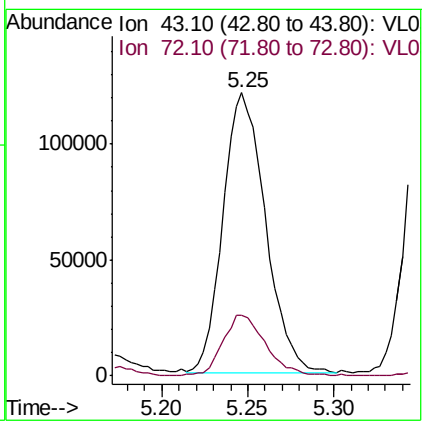


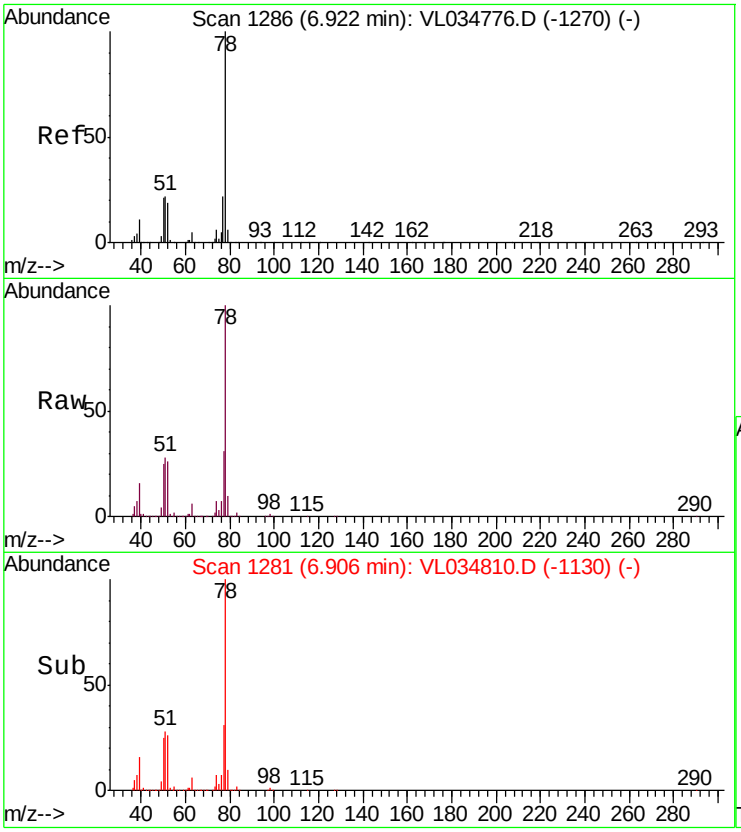


#34
2-Butanone
Concen: 2.706 ppbv
RT: 5.25 min Scan# 765
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 207371

Ion	Ratio	Lower	Upper
43	100		
72	22.0	17.5	26.3



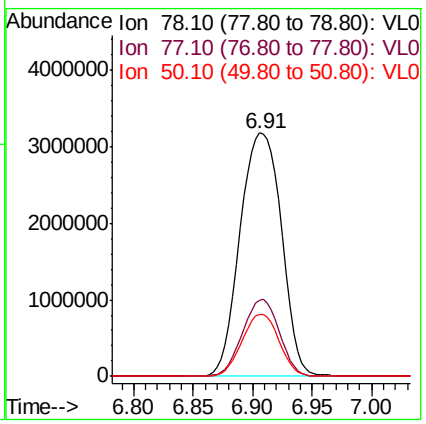


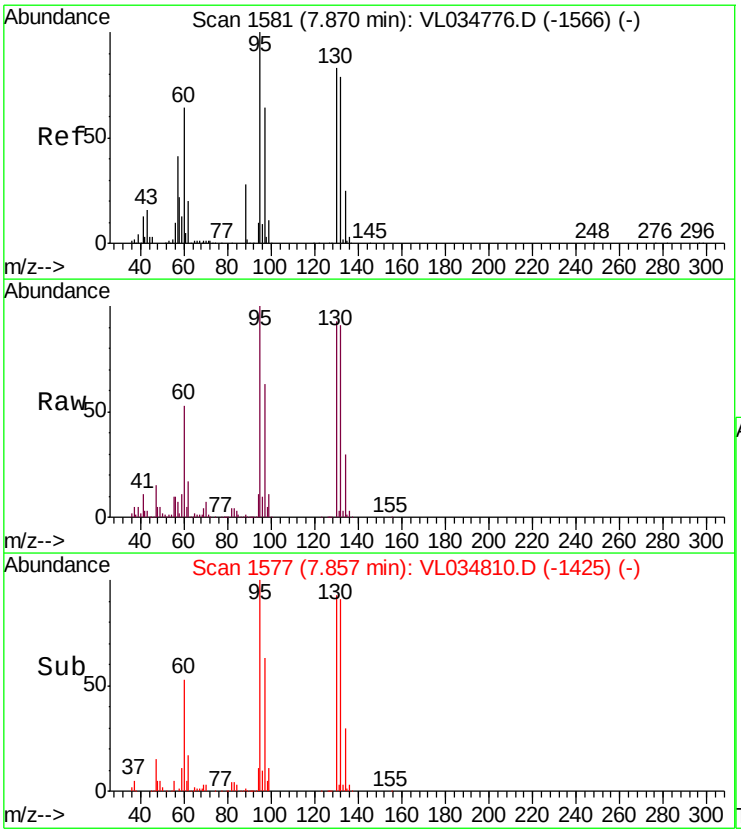
#36
Benzene
Concen: 76.200 ppbv
RT: 6.91 min Scan# 1281
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 78 Resp: 7670097

Ion	Ratio	Lower	Upper
78	100		
77	31.3	18.0	27.0#
50	25.2	16.9	25.3

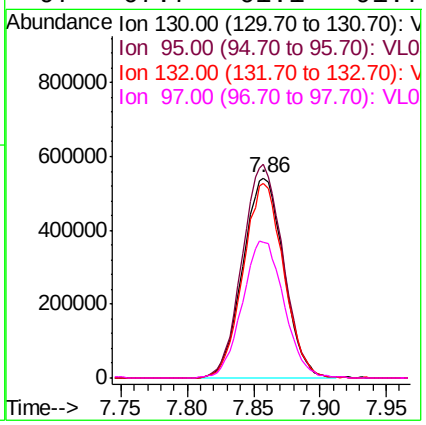


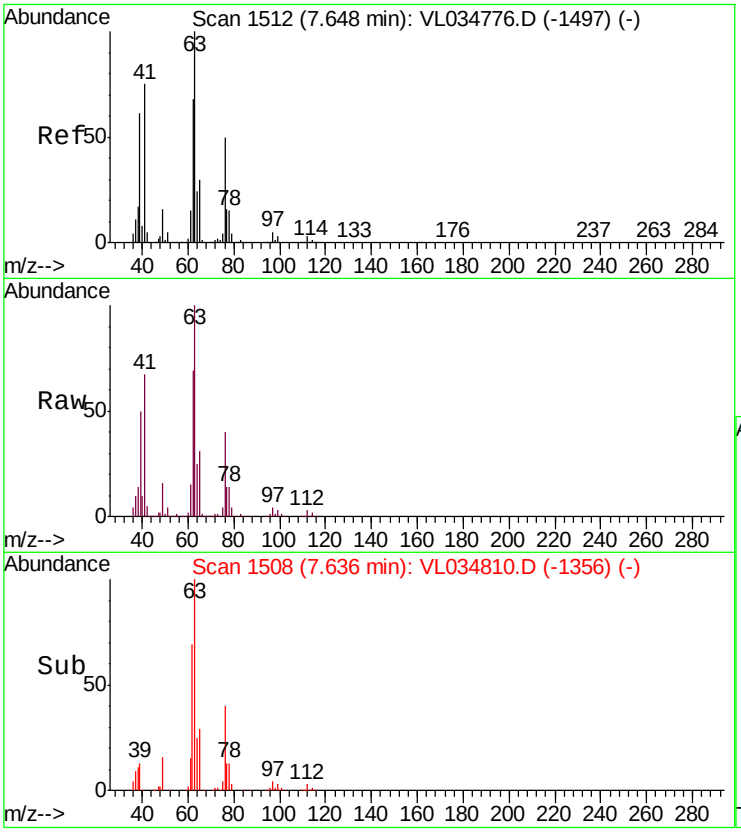


#38
Trichloroethene
Concen: 29.684 ppbv
RT: 7.86 min Scan# 1577
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:130 Resp: 1164542

Ion	Ratio	Lower	Upper
130	100		
95	106.9	95.8	143.8
132	97.5	76.1	114.1
97	67.7	61.1	91.7



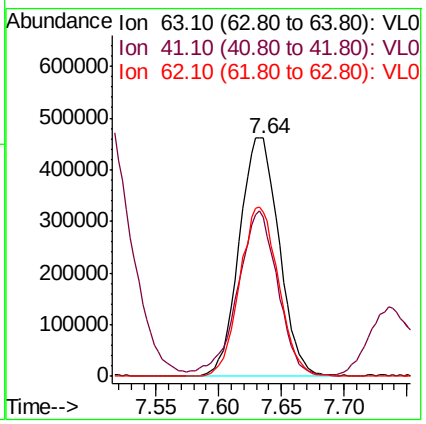


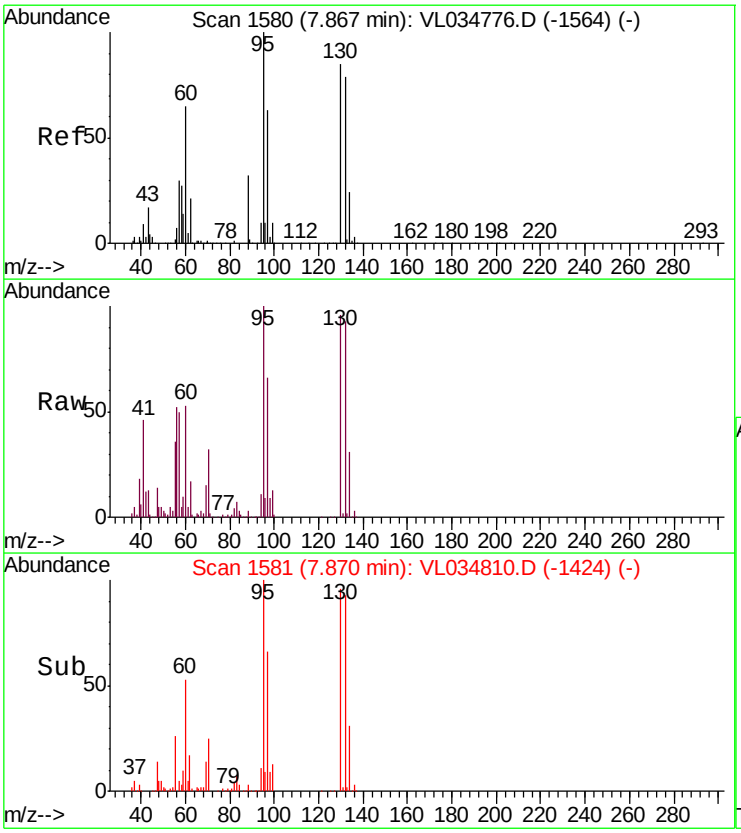
#39
1,2-Dichloropropane
Concen: 24.935 ppbv
RT: 7.64 min Scan# 1508
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 63 Resp: 1012907

Ion	Ratio	Lower	Upper
63	100		
41	65.9	60.3	90.5
62	68.9	54.5	81.7

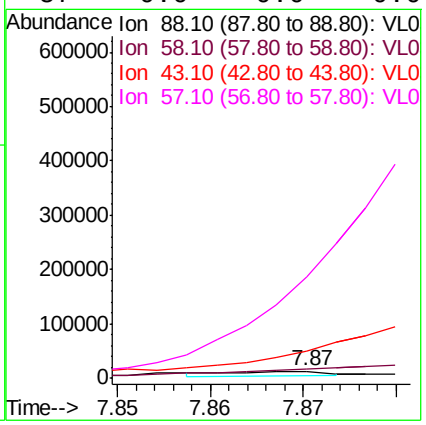


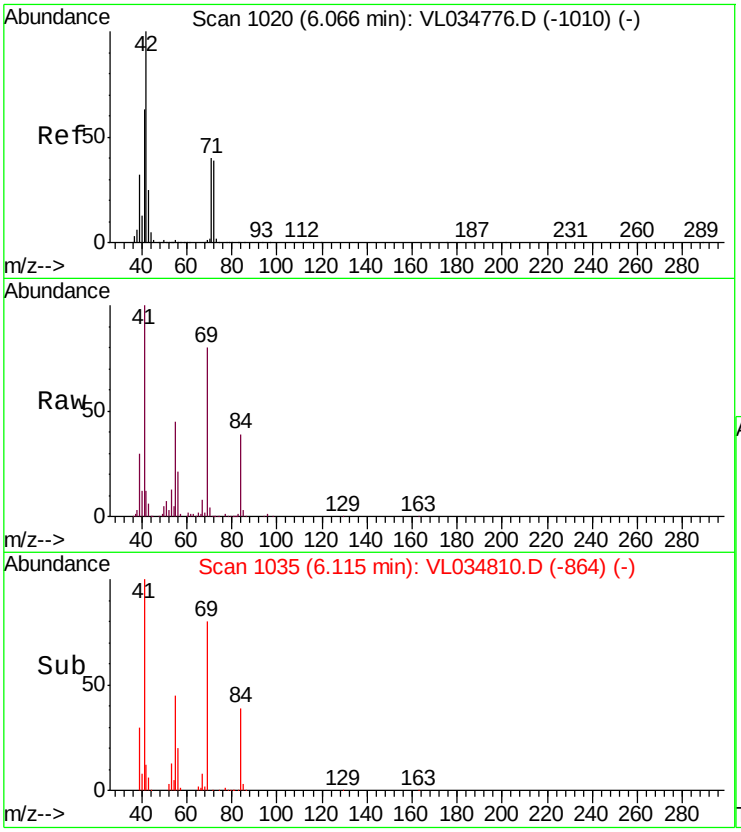


#40
1,4-Dioxane
Concen: 0.445 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 88 Resp: 6250

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



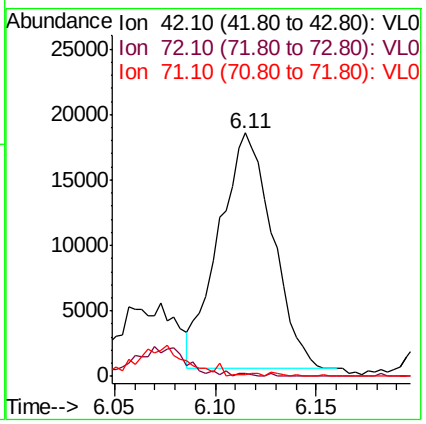


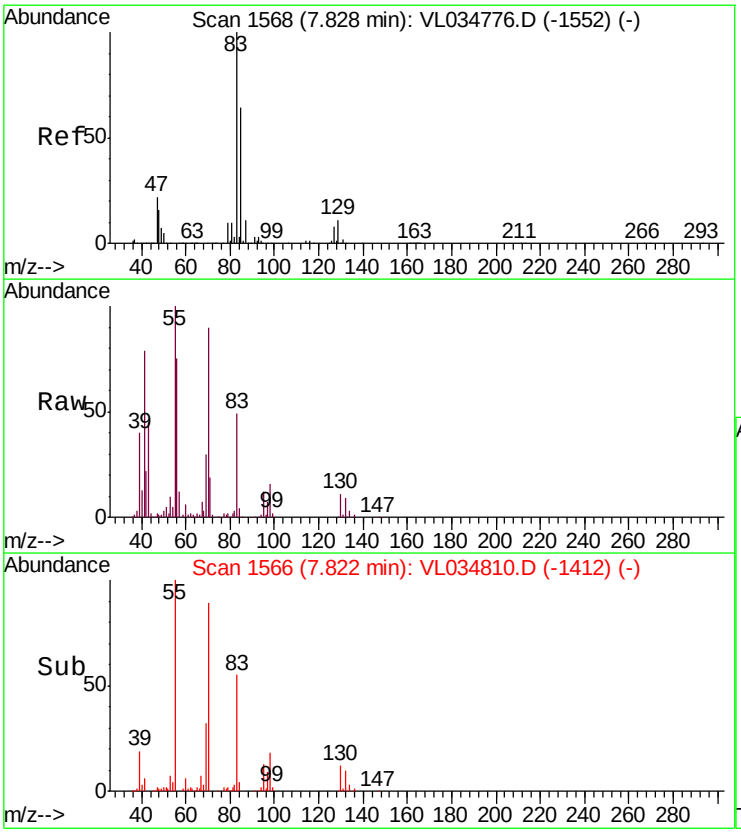
#41
Tetrahydrofuran
Concen: 0.855 ppbv
RT: 6.11 min Scan# 1035
Delta R.T. 0.05 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 42 Resp: 33447

Ion	Ratio	Lower	Upper
42	100		
72	12.8	32.0	48.0#
71	13.3	31.3	46.9#

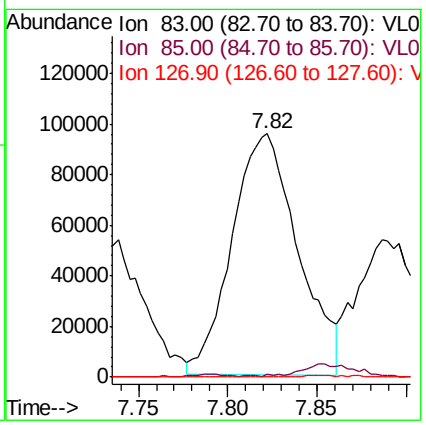


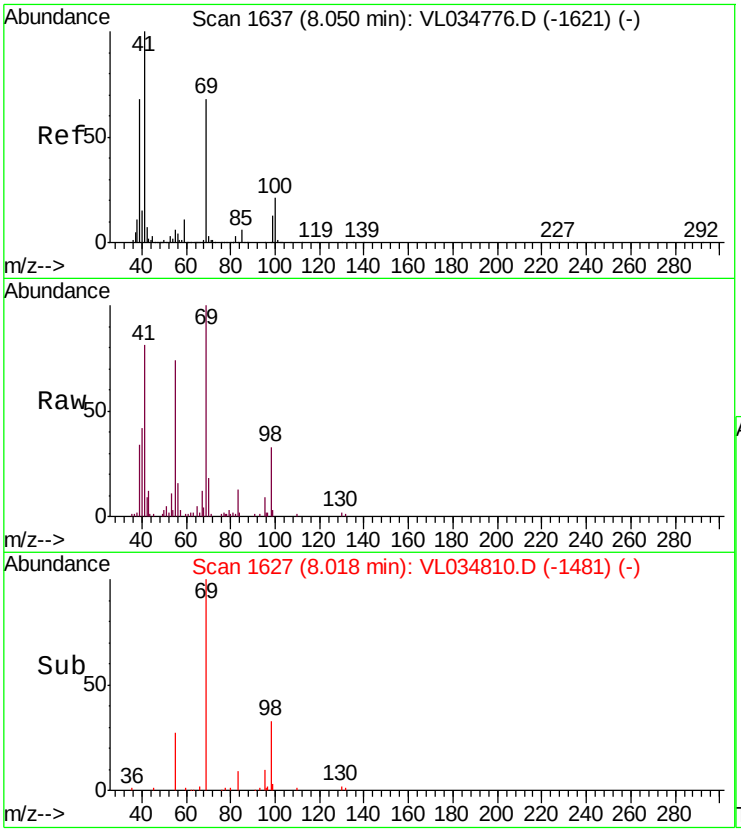


#42
Bromodichloromethane
Concen: 2.835 ppbv
RT: 7.82 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 83 Resp: 246605

Ion	Ratio	Lower	Upper
83	100		
85	0.5	50.8	76.2#
127	0.0	6.5	9.7#



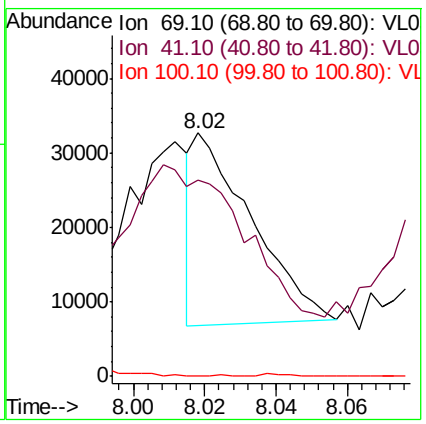


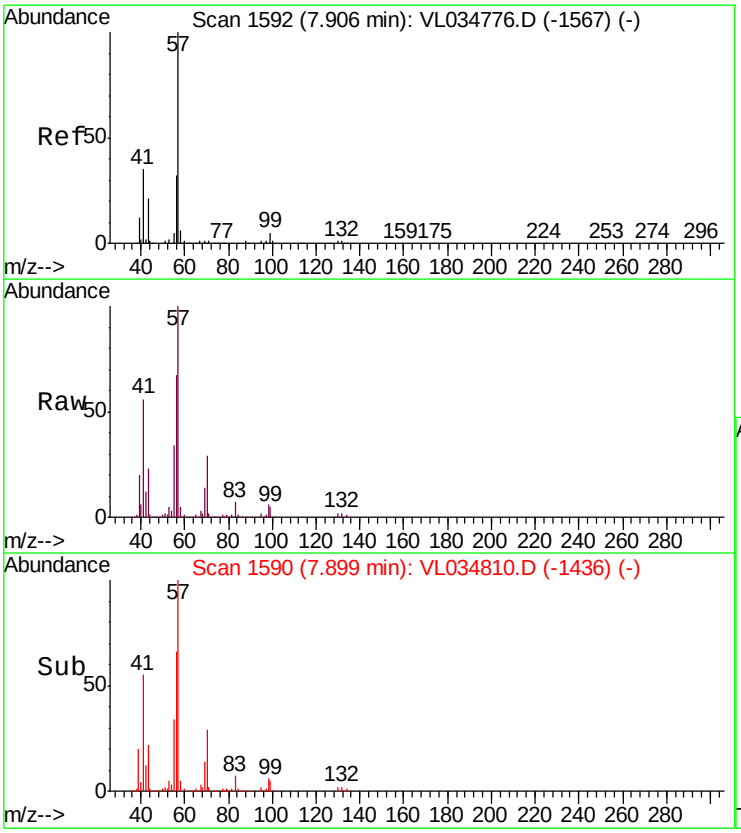
#43
Methyl Methacrylate
Concen: 0.676 ppbv
RT: 8.02 min Scan# 1627
Delta R.T. -0.03 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 69 Resp: 28824

Ion	Ratio	Lower	Upper
69	100		
41	0.0	121.6	182.4#
100	0.0	23.8	35.8#

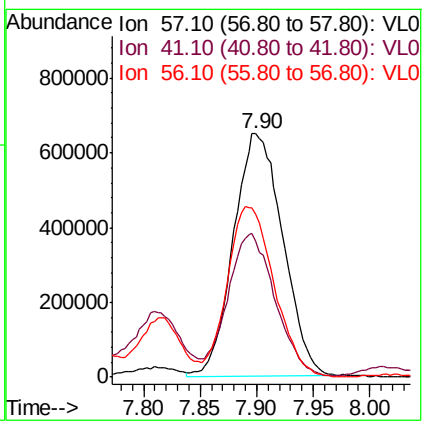


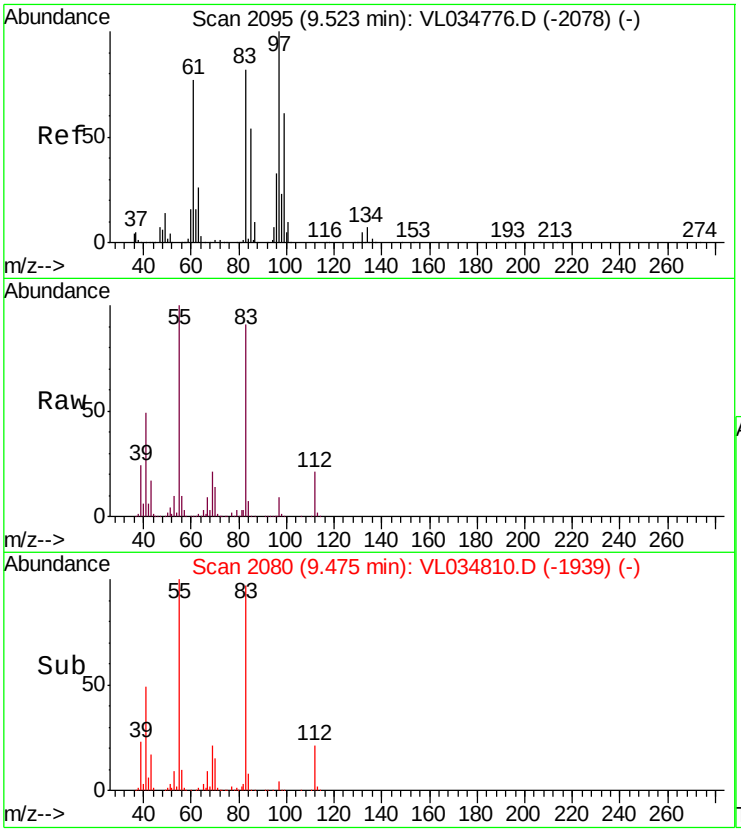


#44
2,2,4-Trimethylpentane
Concen: 11.147 ppbv
RT: 7.90 min Scan# 1590
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 57 Resp: 1960846

Ion	Ratio	Lower	Upper
57	100		
41	56.1	27.4	41.0#
56	66.4	25.0	37.6#



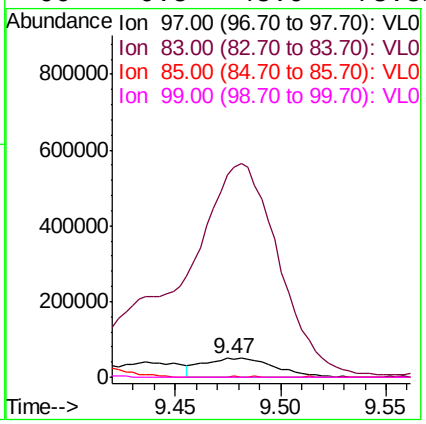


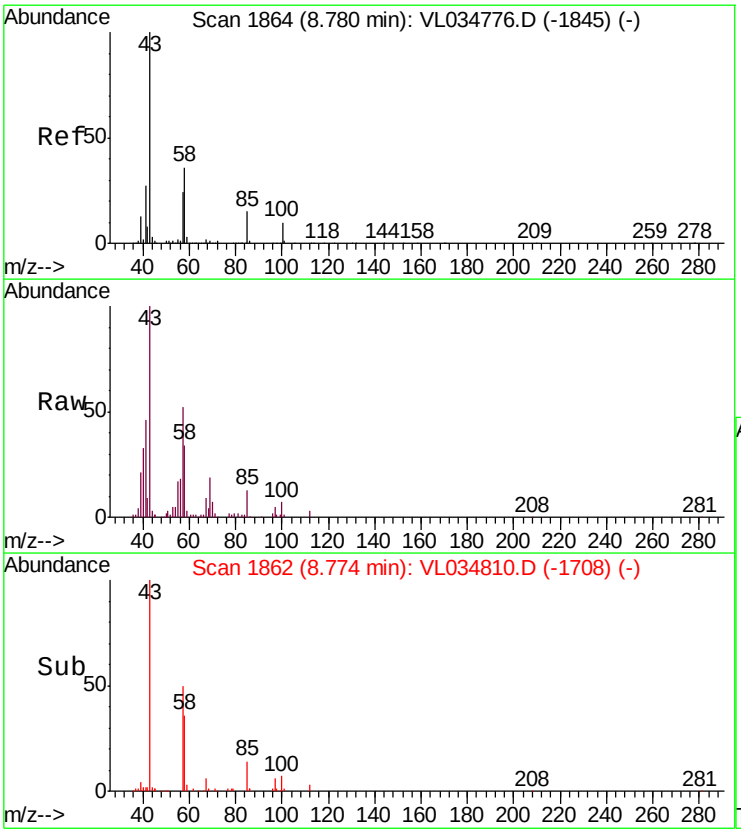
#47
1,1,2-Trichloroethane
Concen: 2.660 ppbv
RT: 9.47 min Scan# 2080
Delta R.T. -0.05 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 97 Resp: 114058

Ion	Ratio	Lower	Upper
97	100		
83	1047.8	65.2	97.8#
85	1.1	43.6	65.4#
99	0.5	48.9	73.3#

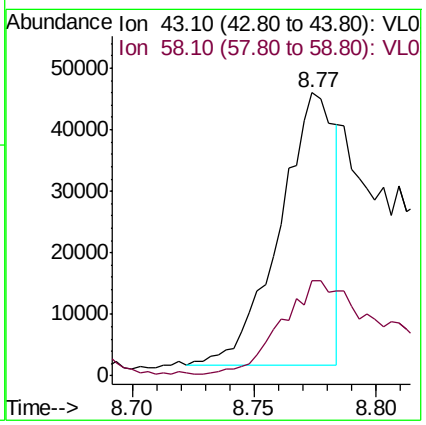


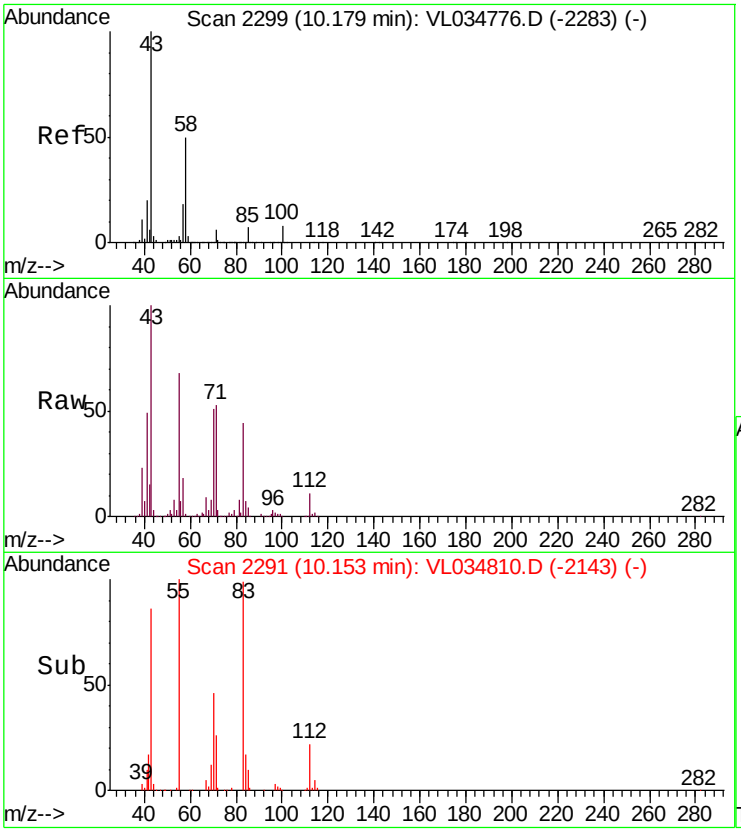


#50
4-Methyl-2-Pentanone
Concen: 0.628 ppbv
RT: 8.77 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 43 Resp: 68963

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1#



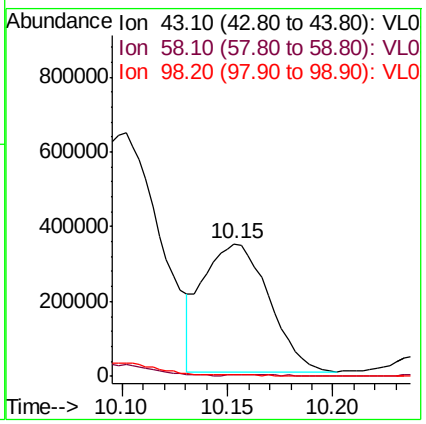


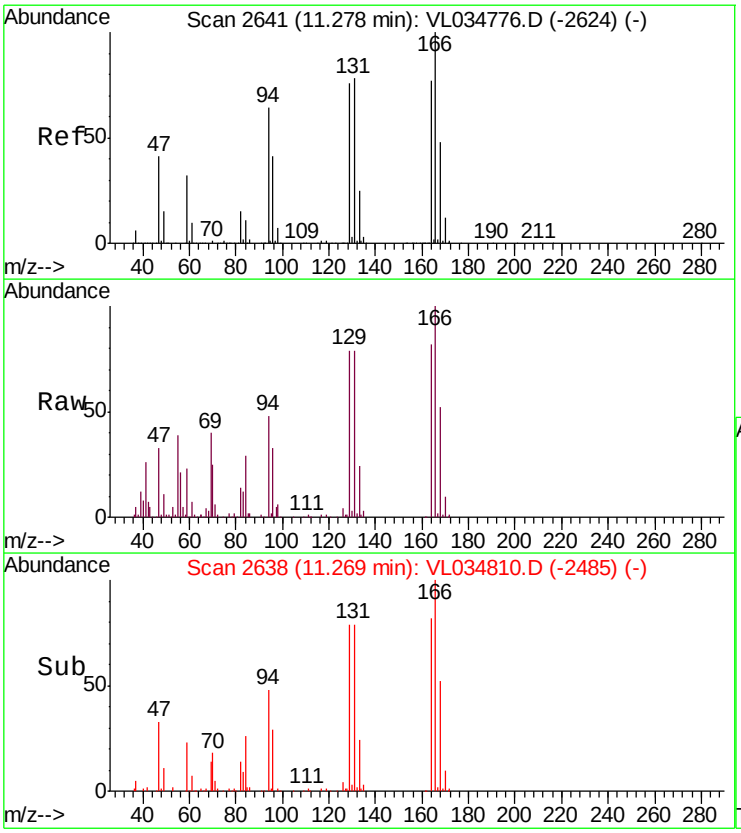
#51
2-Hexanone
Concen: 8.740 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. -0.03 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 43 Resp: 752846

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

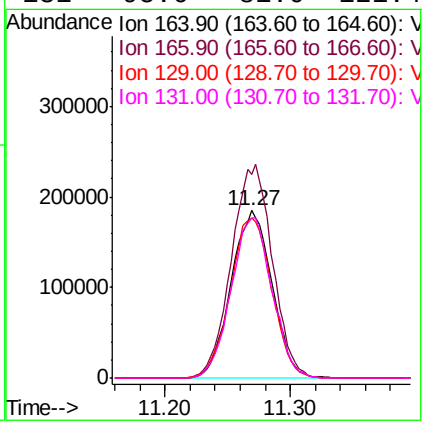


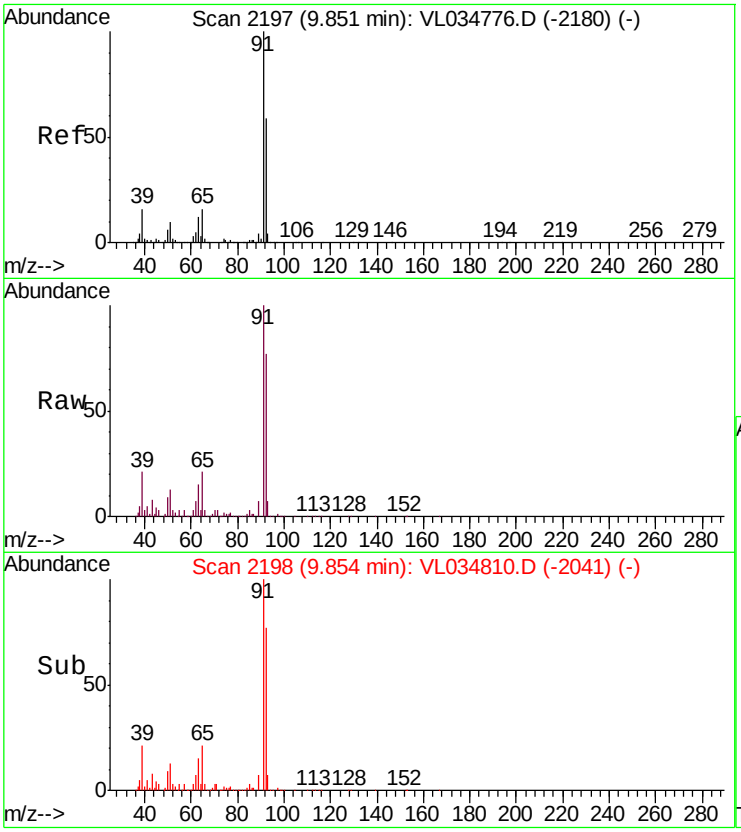


#52
Tetrachloroethene
Concen: 11.260 ppbv
RT: 11.27 min Scan# 2638
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:164 Resp: 418722

Ion	Ratio	Lower	Upper
164	100		
166	121.5	103.3	154.9
129	95.7	79.0	118.4
131	95.6	81.0	121.4



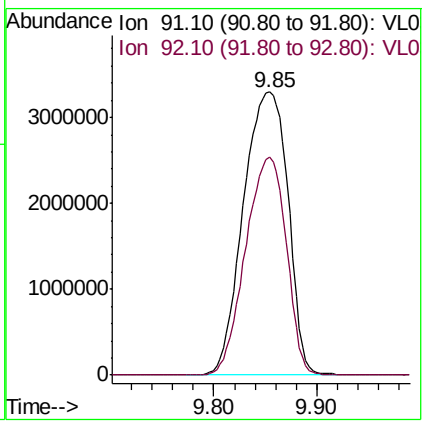


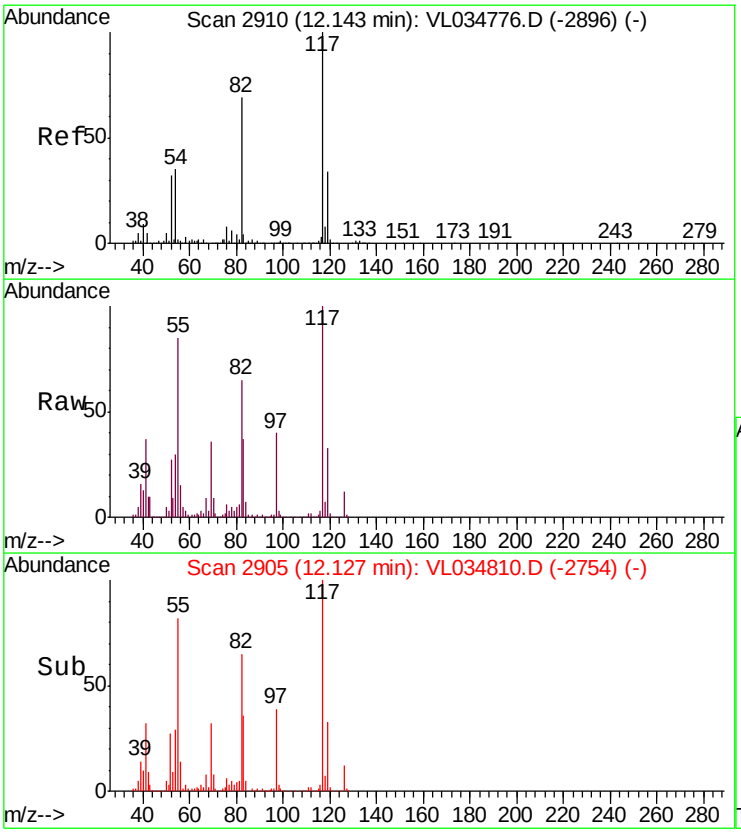
#53
Toluene
Concen: 92.832 ppbv
RT: 9.85 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 91 Resp: 9889666

Ion	Ratio	Lower	Upper
91	100		
92	70.6	48.2	72.2

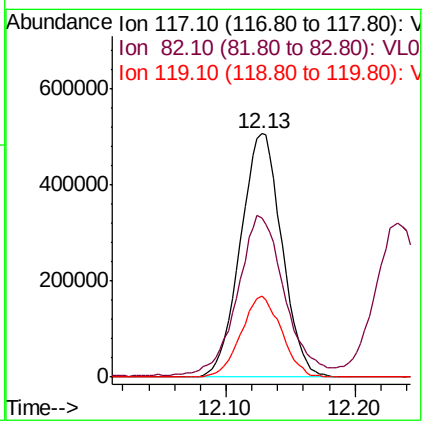


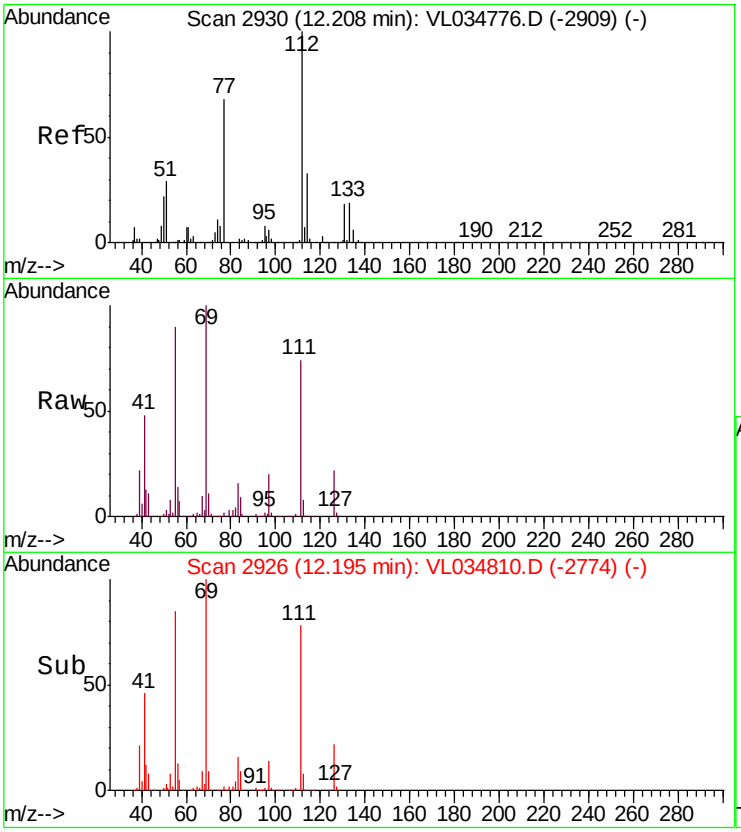


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:117 Resp: 1130815

Ion	Ratio	Lower	Upper
117	100		
82	76.0	53.9	80.9
119	32.5	25.0	37.4



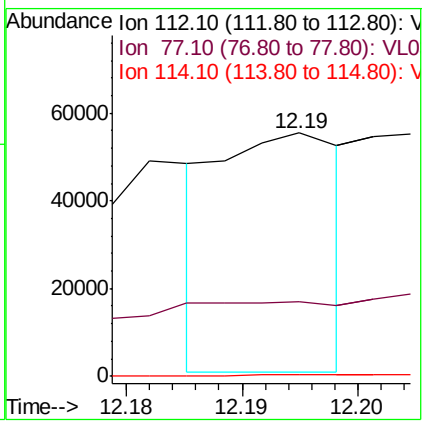


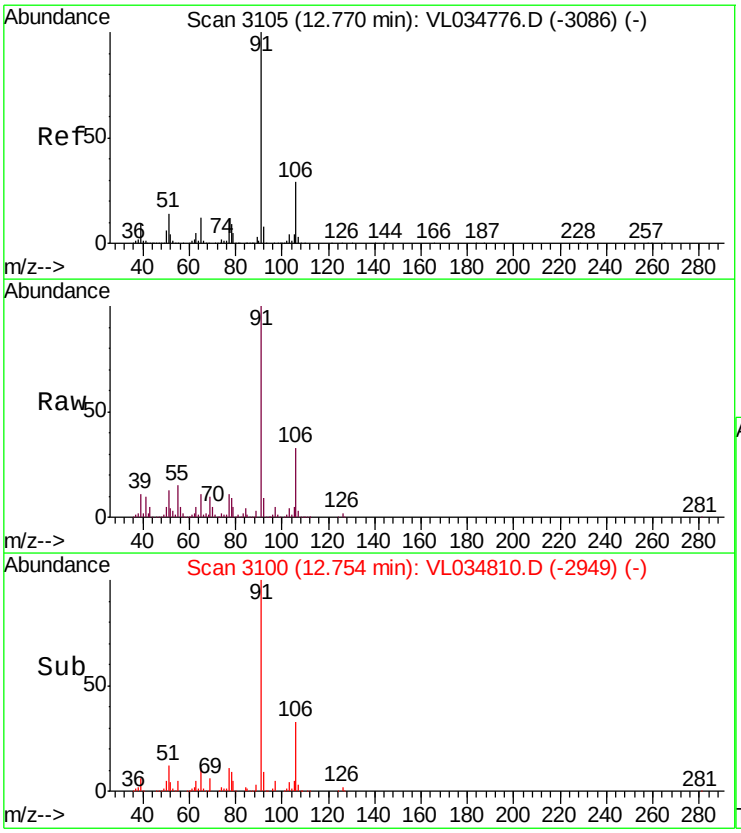
#57
Chlorobenzene
Concen: 0.462 ppbv
RT: 12.19 min Scan# 2926
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion:112 Resp: 39912

Ion	Ratio	Lower	Upper
112	100		
77	13.4	55.6	83.4#
114	4.0	29.4	36.0#

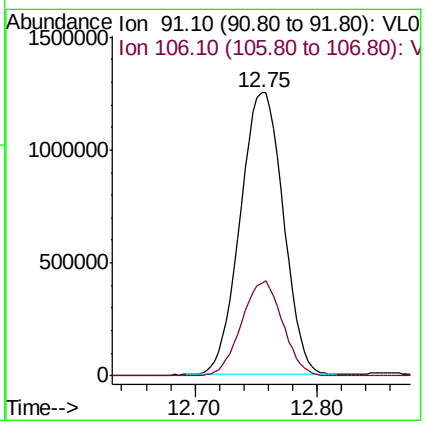


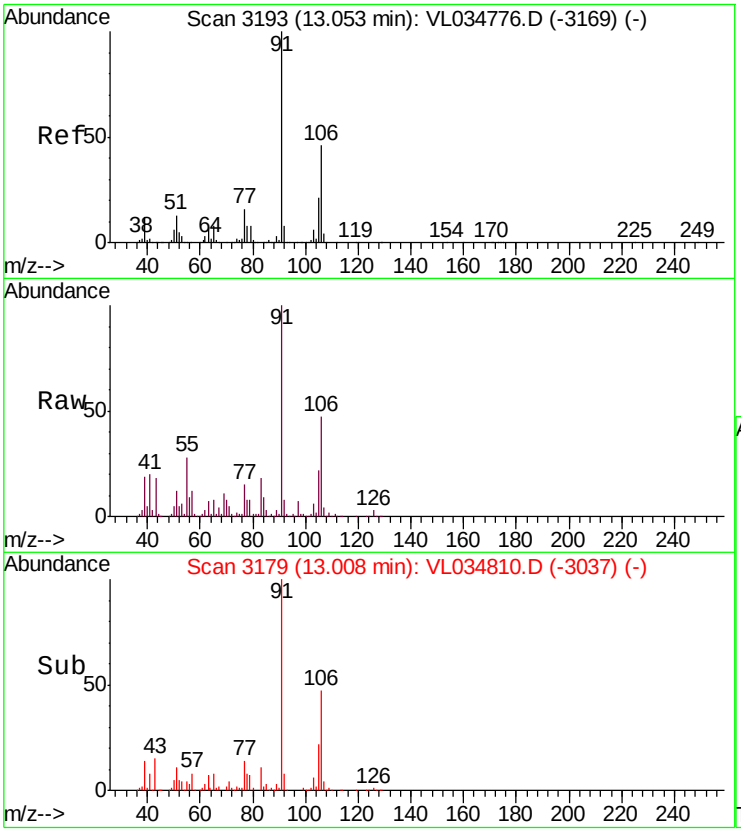


#58
Ethyl Benzene
Concen: 21.864 ppbv
RT: 12.75 min Scan# 3100
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 91 Resp: 3046817

Ion	Ratio	Lower	Upper
91	100		
106	32.8	22.8	34.2



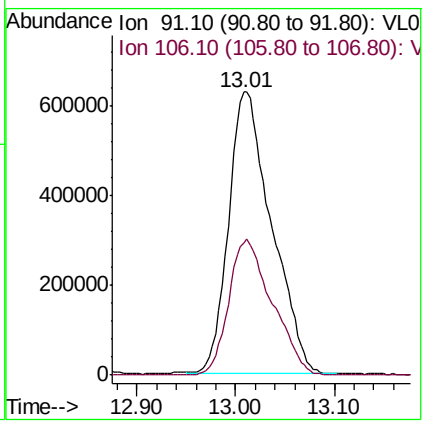


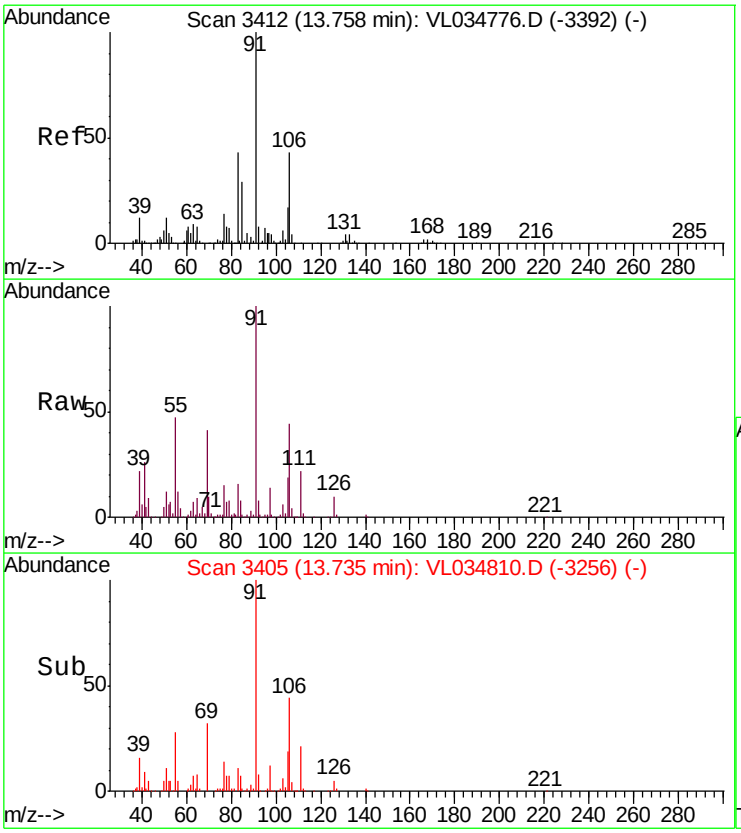
#59
m/p-Xylene
Concen: 15.845 ppbv
RT: 13.01 min Scan# 3179
Delta R.T. -0.04 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion: 91 Resp: 1911442

Ion	Ratio	Lower	Upper
91	100		
106	48.4	35.8	53.8

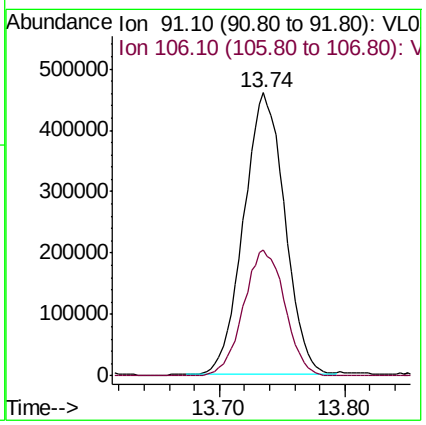


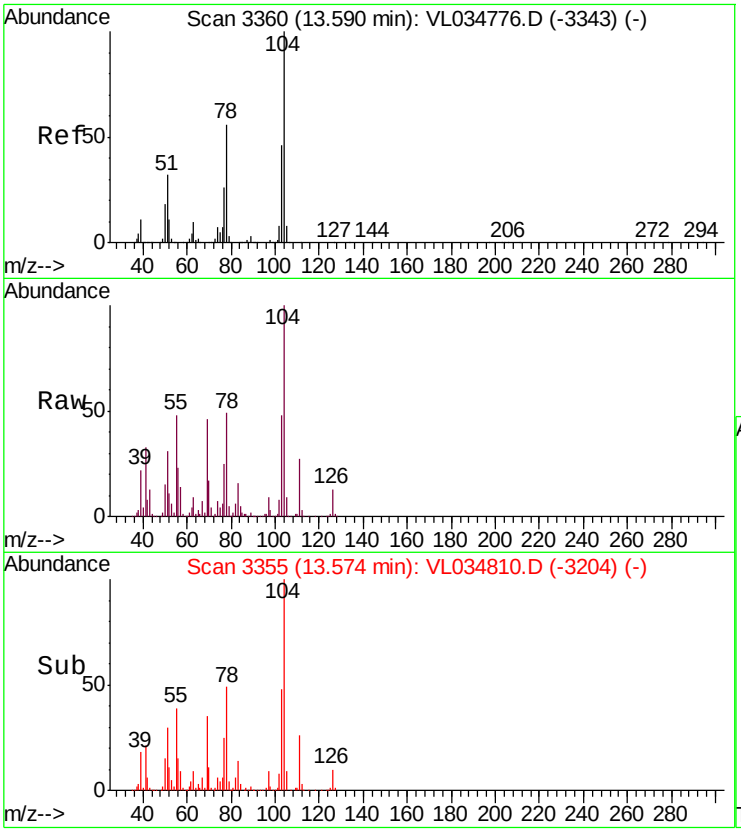


#60
o-Xylene
Concen: 8.575 ppbv
RT: 13.74 min Scan# 3405
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 91 Resp: 1046570

Ion	Ratio	Lower	Upper
91	100		
106	44.9	21.7	65.1



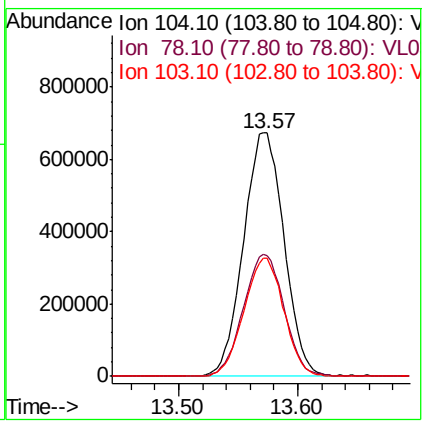


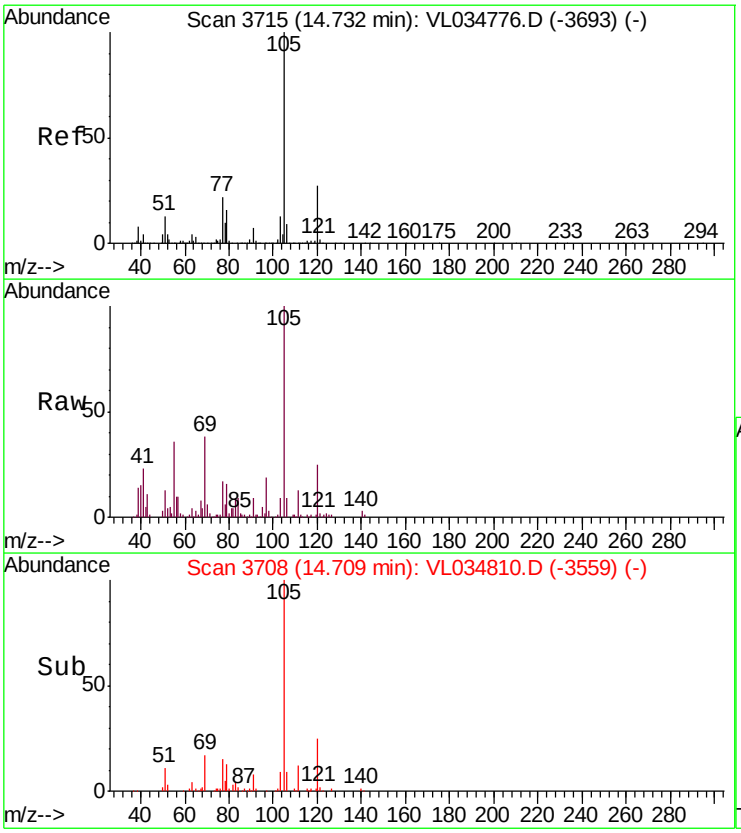
#61
Styrene
Concen: 20.938 ppbv
RT: 13.57 min Scan# 3355
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:104 Resp: 1585385

Ion	Ratio	Lower	Upper
104	100		
78	50.5	44.7	67.1
103	48.0	38.2	57.2

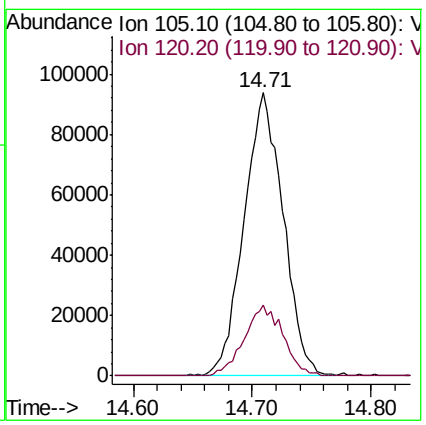


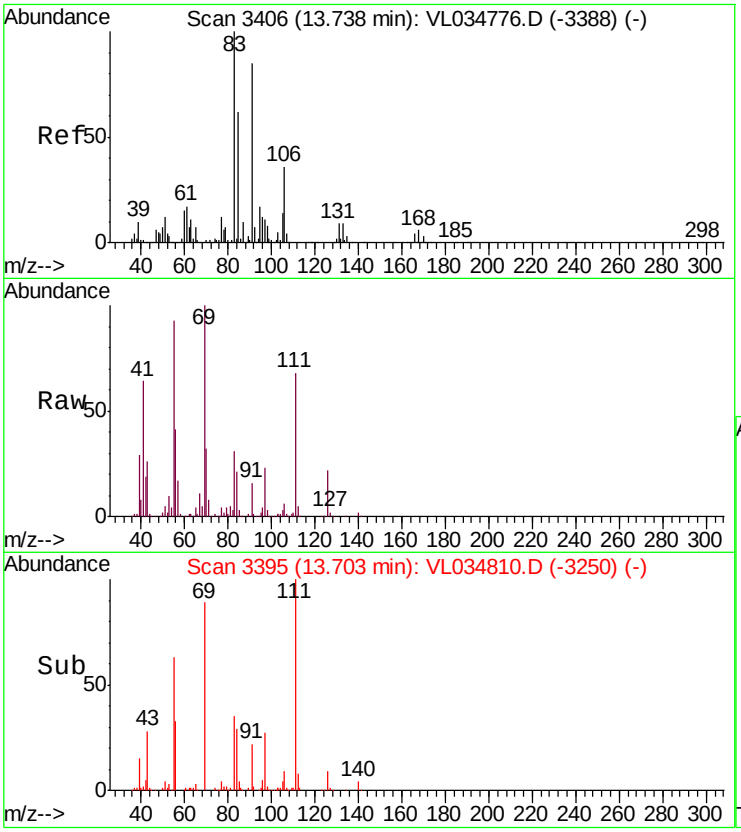


#62
Isopropylbenzene
Concen: 1.188 ppbv
RT: 14.71 min Scan# 3708
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:105 Resp: 213466

Ion	Ratio	Lower	Upper
105	100		
120	24.8	20.5	30.7



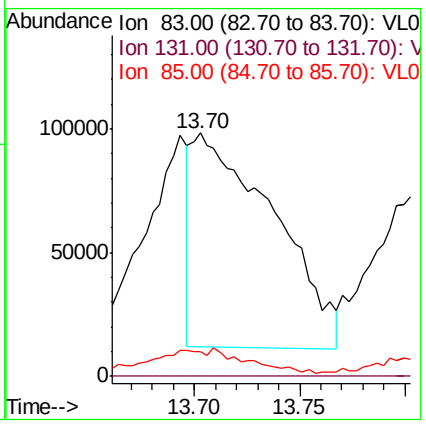


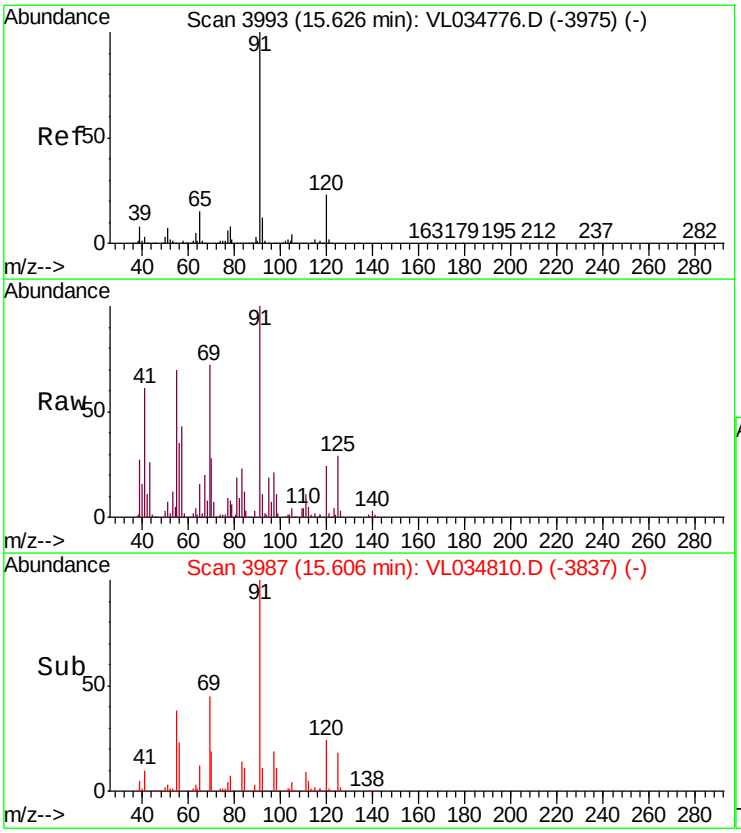
#63
1,1,2,2-Tetrachloroethane
Concen: 2.417 ppbv
RT: 13.70 min Scan# 3395
Delta R.T. -0.04 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion: 83 Resp: 232516

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

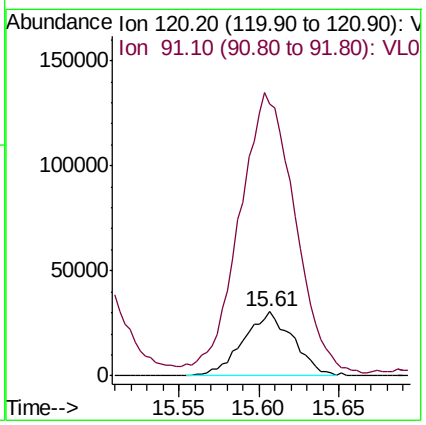


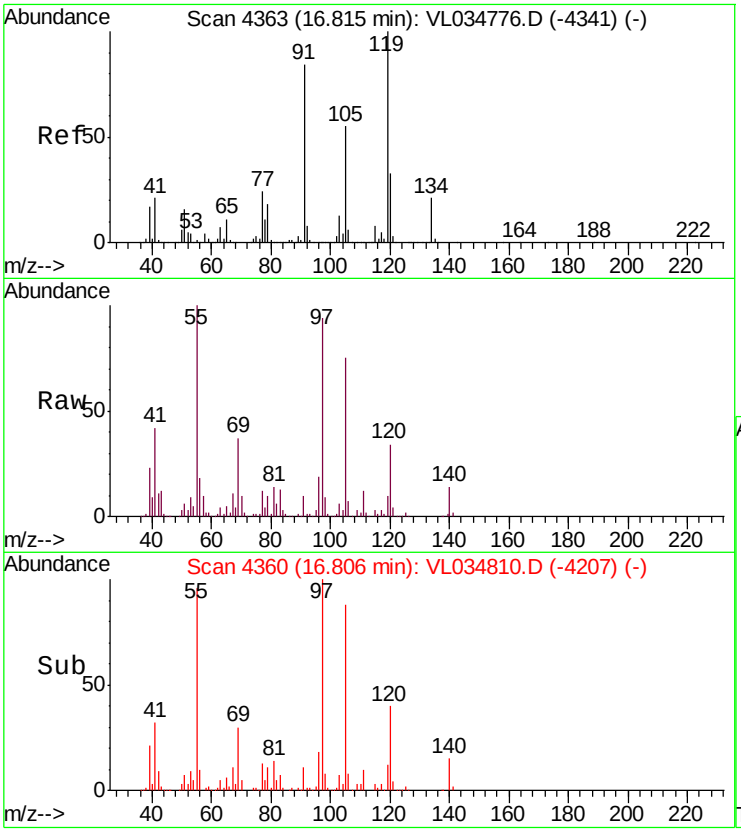


#64
n-propylbenzene
Concen: 1.452 ppbv
RT: 15.61 min Scan# 3987
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:120 Resp: 65400

Ion	Ratio	Lower	Upper
120	100		
91	489.7	379.4	569.2



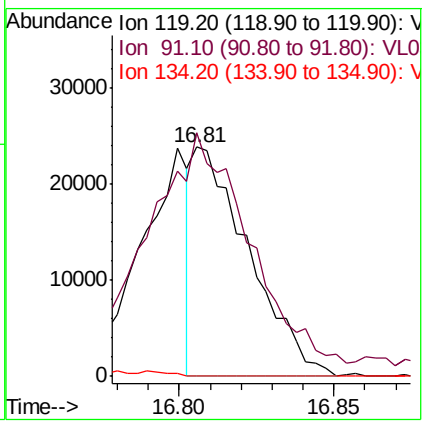


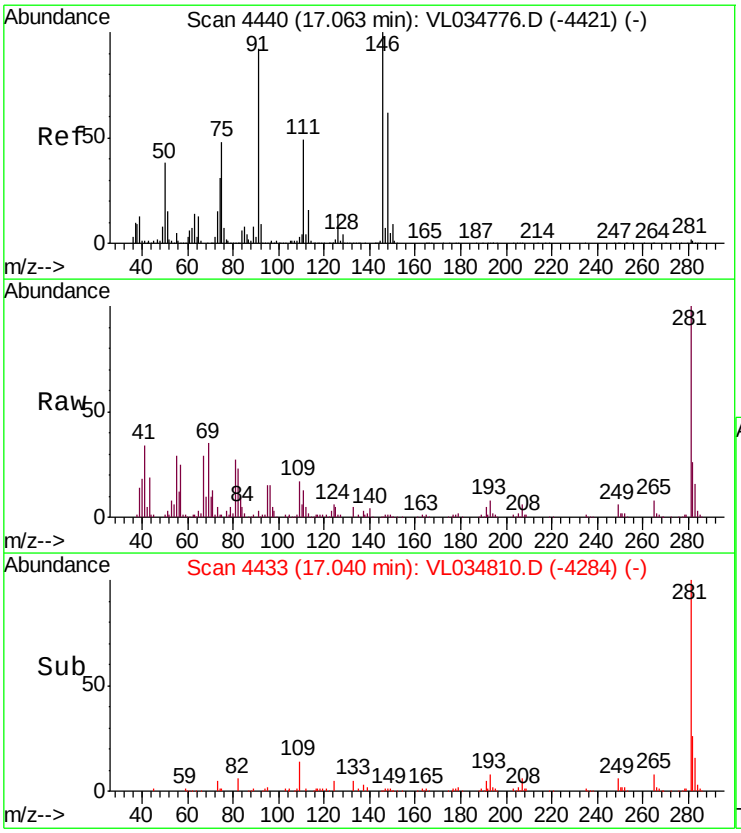
#65
tert-Butylbenzene
Concen: 0.196 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. -0.01 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:119 Resp: 29823

Ion	Ratio	Lower	Upper
119	100		
91	191.8	69.8	104.6#
134	0.0	15.9	23.9#

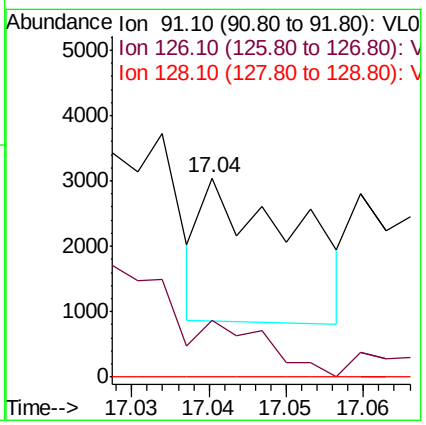


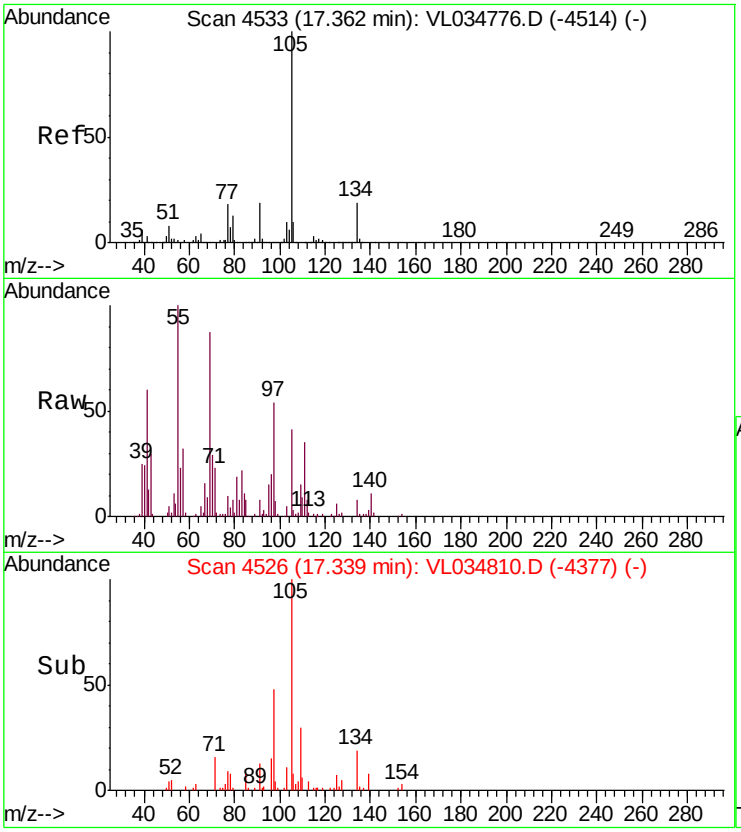


#66
Benzyl Chloride
Concen: 0.037 ppbv
RT: 17.04 min Scan# 4433
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 91 Resp: 1812

Ion	Ratio	Lower	Upper
91	100		
126	0.0	12.6	18.8#
128	0.0	4.3	6.5#



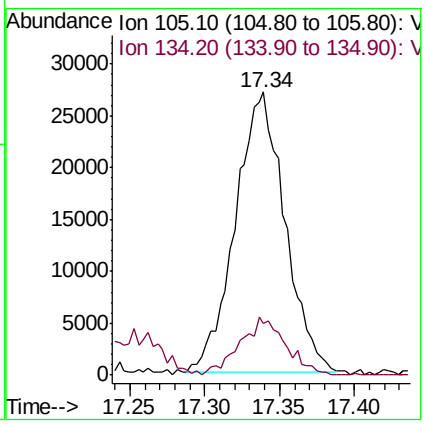


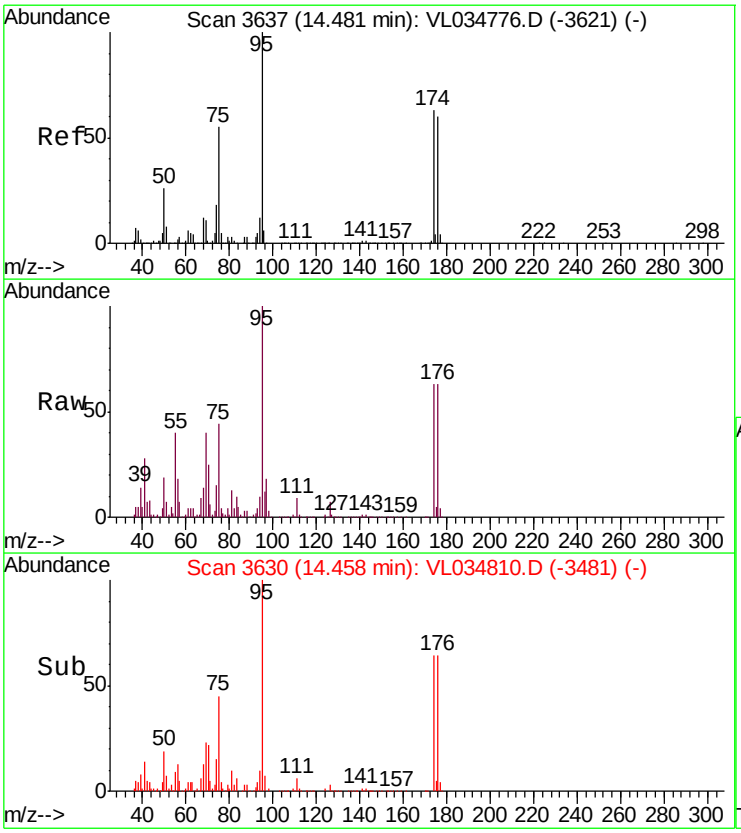
#67
sec-Butylbenzene
Concen: 0.282 ppbv
RT: 17.34 min Scan# 4526
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:105 Resp: 62365

Ion	Ratio	Lower	Upper
105	100		
134	19.1	14.7	22.1

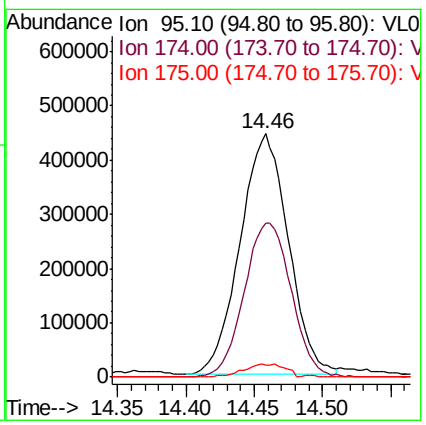


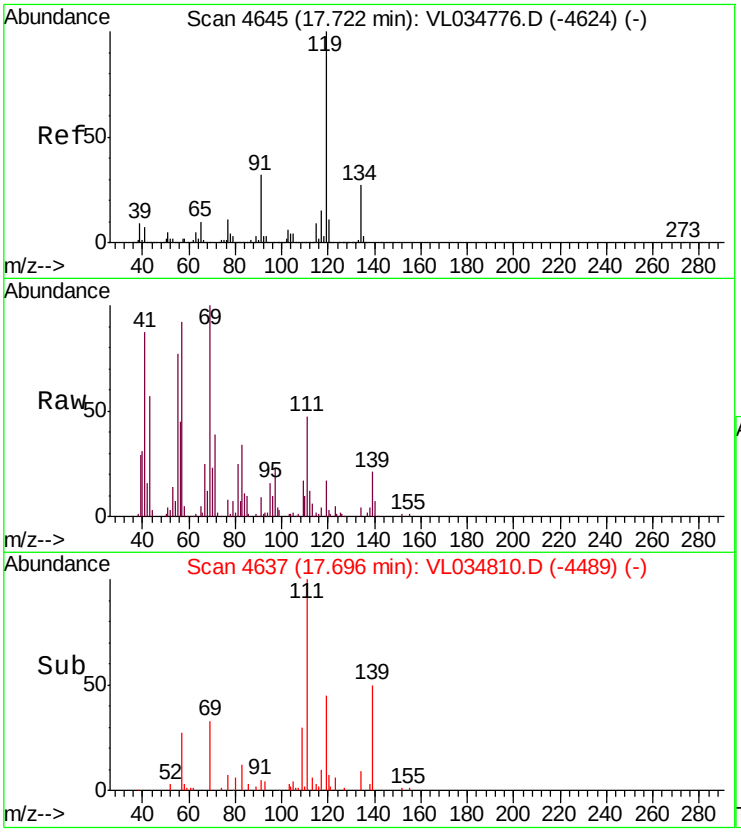


#68
1-Bromo-4-Fluorobenzene
Concen: 11.611 ppbv
RT: 14.46 min Scan# 3630
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 95 Resp: 1094810

Ion	Ratio	Lower	Upper
95	100		
174	62.5	50.6	76.0
175	4.9	3.8	5.6



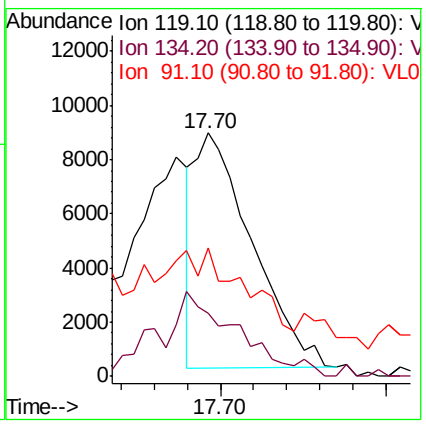


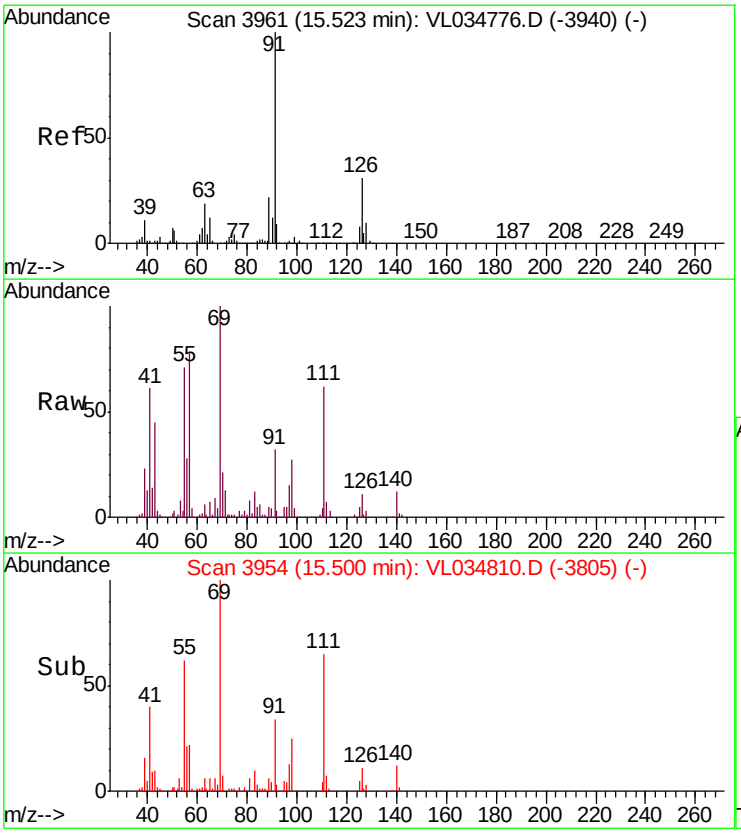
#69
p-Isopropyltoluene
Concen: 0.058 ppbv
RT: 17.70 min Scan# 4637
Delta R.T. -0.03 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument : MSVOA_L
ClientSampleId : SS-1-4

Tgt Ion:119 Resp: 10312

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	30.8#
91	96.0	25.3	37.9#

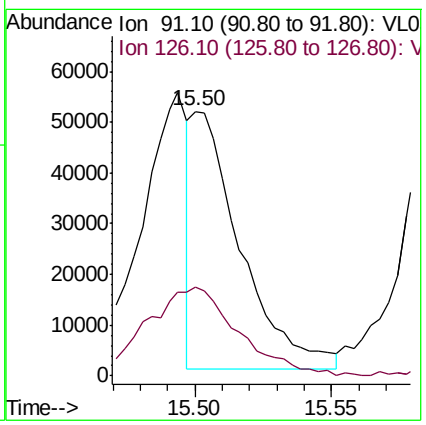


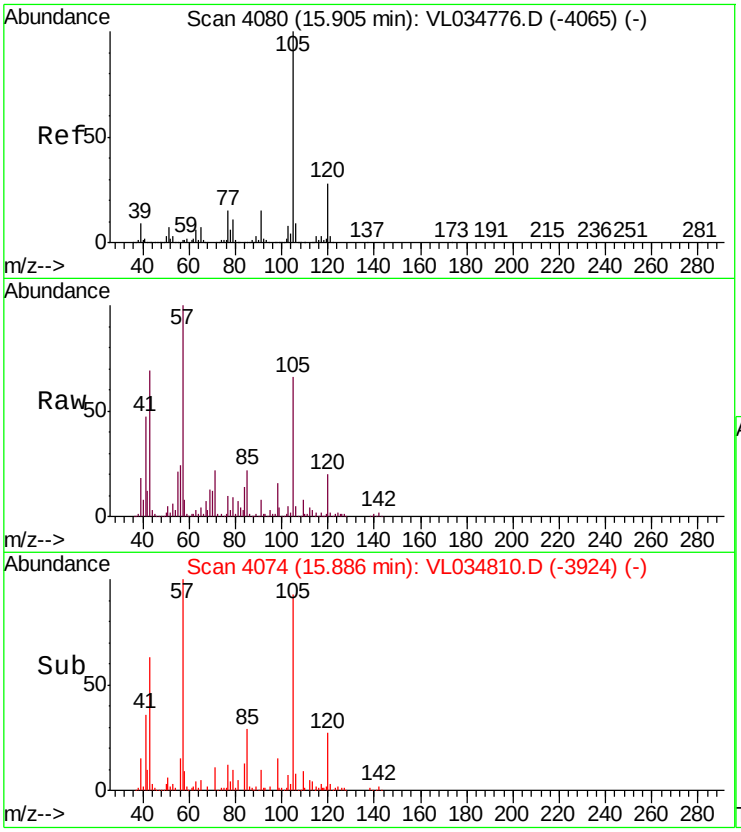


#71
2-Chlorotoluene
Concen: 0.457 ppbv
RT: 15.50 min Scan# 3954
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion: 91 Resp: 61972

Ion	Ratio	Lower	Upper
91	100		
126	67.3	11.7	46.7#



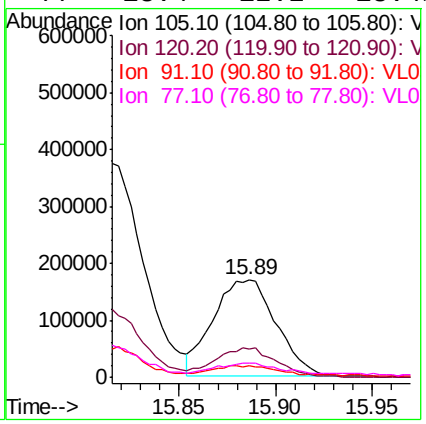


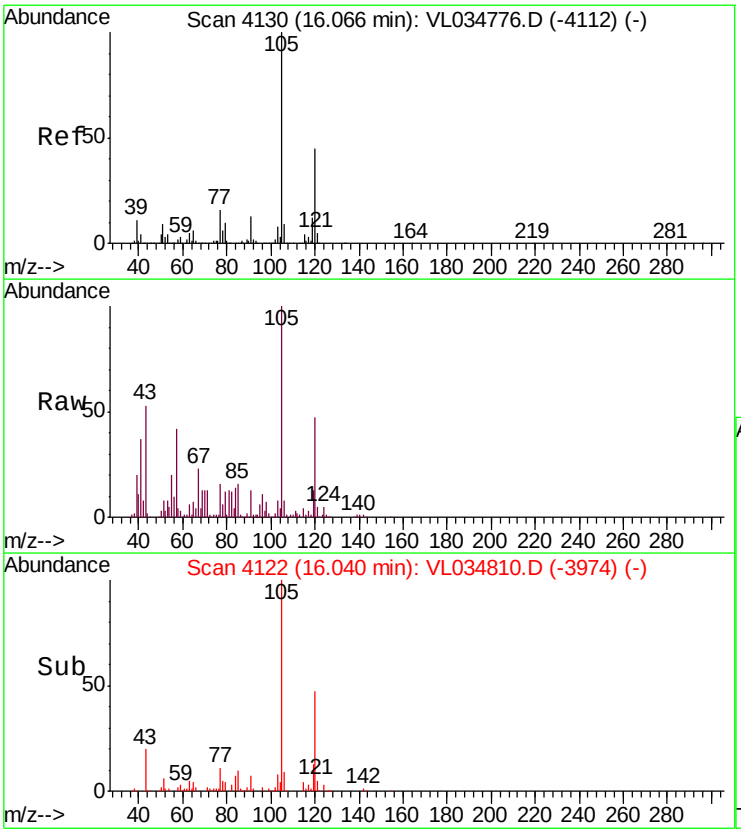
#72
4-Ethyltoluene
Concen: 2.838 ppbv
RT: 15.89 min Scan# 4074
Delta R.T. -0.02 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:105 Resp: 385667

Ion	Ratio	Lower	Upper
105	100		
120	29.0	23.0	34.6
91	12.2	11.1	16.7
77	18.4	12.2	18.4#

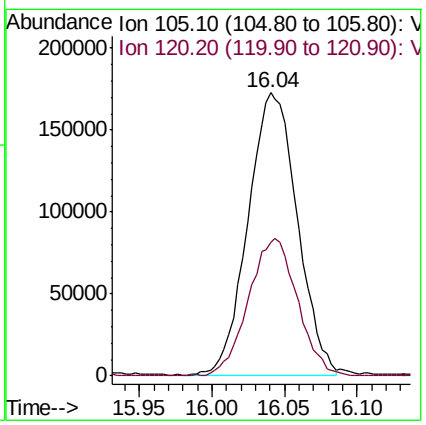


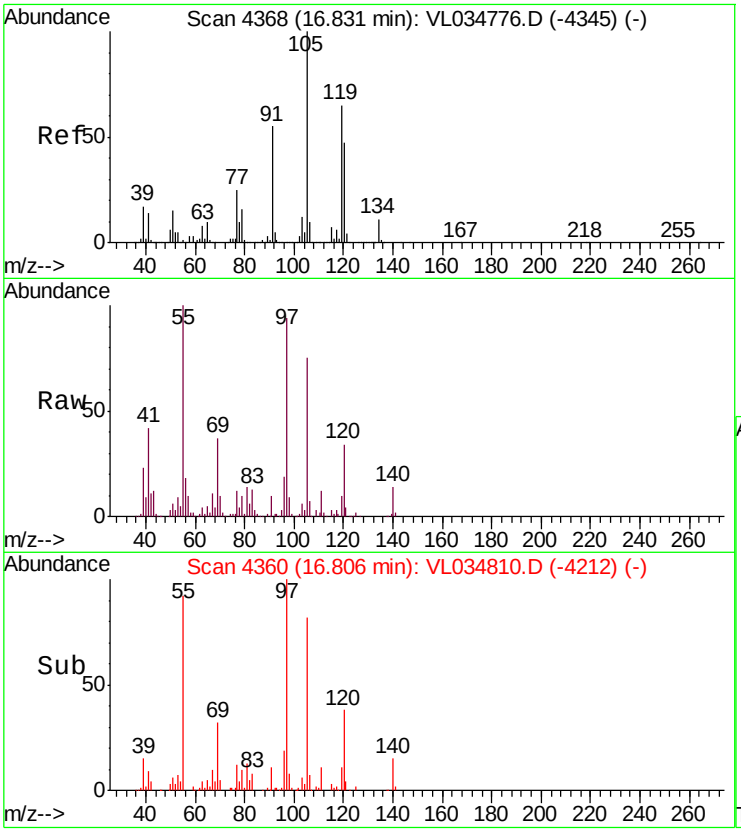


#73
1,3,5-Trimethylbenzene
Concen: 3.124 ppbv
RT: 16.04 min Scan# 4122
Delta R.T. -0.03 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Tgt Ion:105 Resp: 407206

Ion	Ratio	Lower	Upper
105	100		
120	47.0	35.6	53.4





#74
1,2,4-Trimethylbenzene
Concen: 3.055 ppbv
RT: 16.81 min Scan# 4360
Delta R.T. -0.03 min
Lab File: VL034810.D
Acq: 6 Mar 2020 00:56

Instrument :
MSVOA_L
ClientSampleId :
SS-1-4

Tgt Ion:105 Resp: 432925

Ion	Ratio	Lower	Upper
105	100		
120	45.4	37.8	56.6
91	13.0	43.8	65.8#
77	13.6	19.9	29.9#