Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007715.D
Acq On : 19 Dec 2018 22:11
Operator : SY/AP
Sample : J6392-06
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Quant Time: Dec 20 06:51:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	67901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111393	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	92816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	39346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35351	47.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.00%			
35) Dibromofluoromethane	7.88	113	31817	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.64%			
50) Toluene-d8	10.32	98	148992	58.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.32%			
62) 4-Bromofluorobenzene	12.62	95	69227	69.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 139.90%			
Target Compounds						Qvalue
3) Chloromethane	2.32	50	1543	4.163	ug/l #	72
11) Tert butyl alcohol	5.17	59	3894	77.564	ug/l #	73
13) Acrolein	4.10	56	4502	112.155	ug/l	84
14) Allyl chloride	4.75	41	1969	2.241	ug/l #	66
15) Acrylonitrile	5.43	53	17431	135.811	ug/l #	32
16) Acetone	4.12	43	21268	152.608	ug/l #	81
17) Carbon Disulfide	4.38	76	2191	1.057	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	49237	51.194	ug/l #	1
20) Methylene Chloride	4.91	84	2297	Below Cal	#	1
23) Vinyl Acetate	6.29	43	3422	3.501	ug/l #	69
24) 1,1-Dichloroethane	6.28	63	1549	1.280	ug/l #	81
25) 2-Butanone	7.16	43	15372	94.171	ug/l #	54
28) Bromochloromethane	7.68	49	666	1.614	ug/l #	1
29) Tetrahydrofuran	7.52	42	958	9.839	ug/l #	27
30) Chloroform	7.78	83	2819	2.058	ug/l	90
31) Cyclohexane	7.93	56	390133	352.148	ug/l #	44
36) 1,1-Dichloropropene	7.95	75	5705	5.306	ug/l #	48
37) Ethyl Acetate	7.16	43	15372	41.429	ug/l #	68
38) Carbon Tetrachloride	7.95	117	7593	5.997	ug/l #	15
39) Methylcyclohexane	9.34	83	889931	666.126	ug/l	89
40) Benzene	8.32	78	465422	162.224	ug/l	99
41) Methacrylonitrile	7.52	41	6511	30.907	ug/l #	47
42) 1,2-Dichloroethane	8.32	62	4953	5.152	ug/l #	1
43) Isopropyl Acetate	8.42	43	112902	151.878	ug/l #	49
45) 1,2-Dichloropropane	9.38	63	3559	5.591	ug/l #	1
46) Dibromomethane	9.41	93	2237	5.708	ug/l #	1
47) Bromodichloromethane	9.63	83	101797	98.812	ug/l #	33
48) Methyl methacrylate	9.48	41	83655	225.450	ug/l #	23
51) 4-Methyl-2-Pentanone	10.26	43	117511	334.487	ug/l #	74
52) Toluene	10.39	92	69064	35.879	ug/l	98
55) 1,1,2-Trichloroethane	10.77	97	403722	747.308	ug/l #	24
56) Ethyl methacrylate	10.62	69	29401	46.062	ug/l #	39
58) 2-Chloroethyl Vinyl ether	9.90	63	7619	26.144	ug/l #	42
59) 2-Hexanone	10.94	43	257708	1043.054	ug/l #	30

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007715.D
Acq On : 19 Dec 2018 22:11
Operator : SY/AP
Sample : J6392-06
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Quant Time: Dec 20 06:51:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Dibromochloromethane	11.05	129	2231	3.119	ug/l		83
61) 1,2-Dibromoethane	11.20	107	2907	5.314	ug/l	#	1
65) Chlorobenzene	11.57	112	2469	1.229	ug/l	#	43
67) Ethyl Benzene	11.74	91	11883579	3447.191	ug/l		100
68) m/p-Xylenes	11.85	106	3517679	2630.499	ug/l		97
69) o-Xylene	12.17	106	382679	305.285	ug/l		98
70) Styrene	12.17	104	29397	14.267	ug/l	#	1
73) Isopropylbenzene	12.47	105	3119906	1049.019	ug/l		99
74) N-amyl acetate	12.26	43	140049	271.855	ug/l	#	67
75) 1,1,2,2-Tetrachloroethane	12.71	83	9962	22.340	ug/l	#	1
76) 1,2,3-Trichloropropane	12.81	75	58518	192.425	ug/l	#	100
78) n-propylbenzene	12.81	91	7744027	2236.823	ug/l		99
79) 2-Chlorotoluene	12.91	91	952892	472.473	ug/l	#	41
80) 1,3,5-Trimethylbenzene	12.96	105	8182029	3189.388	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.47	75	42868	295.892	ug/l	#	57
82) 4-Chlorotoluene	12.96	91	967912	450.729	ug/l	#	42
83) tert-Butylbenzene	13.27	119	3380154	1501.667	ug/l	#	70
84) 1,2,4-Trimethylbenzene	13.26	105	20474127	7909.273	ug/l		81
85) sec-Butylbenzene	13.39	105	718040	231.462	ug/l	#	50
86) p-Isopropyltoluene	13.45	119	734941	260.537	ug/l		98
89) n-Butylbenzene	13.83	91	1091296	421.939	ug/l	#	72
90) Hexachloroethane	14.11	117	487627	984.639	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.47	75	33190	362.431	ug/l	#	3
95) Naphthalene	15.38	128	5507250	3541.647	ug/l		99

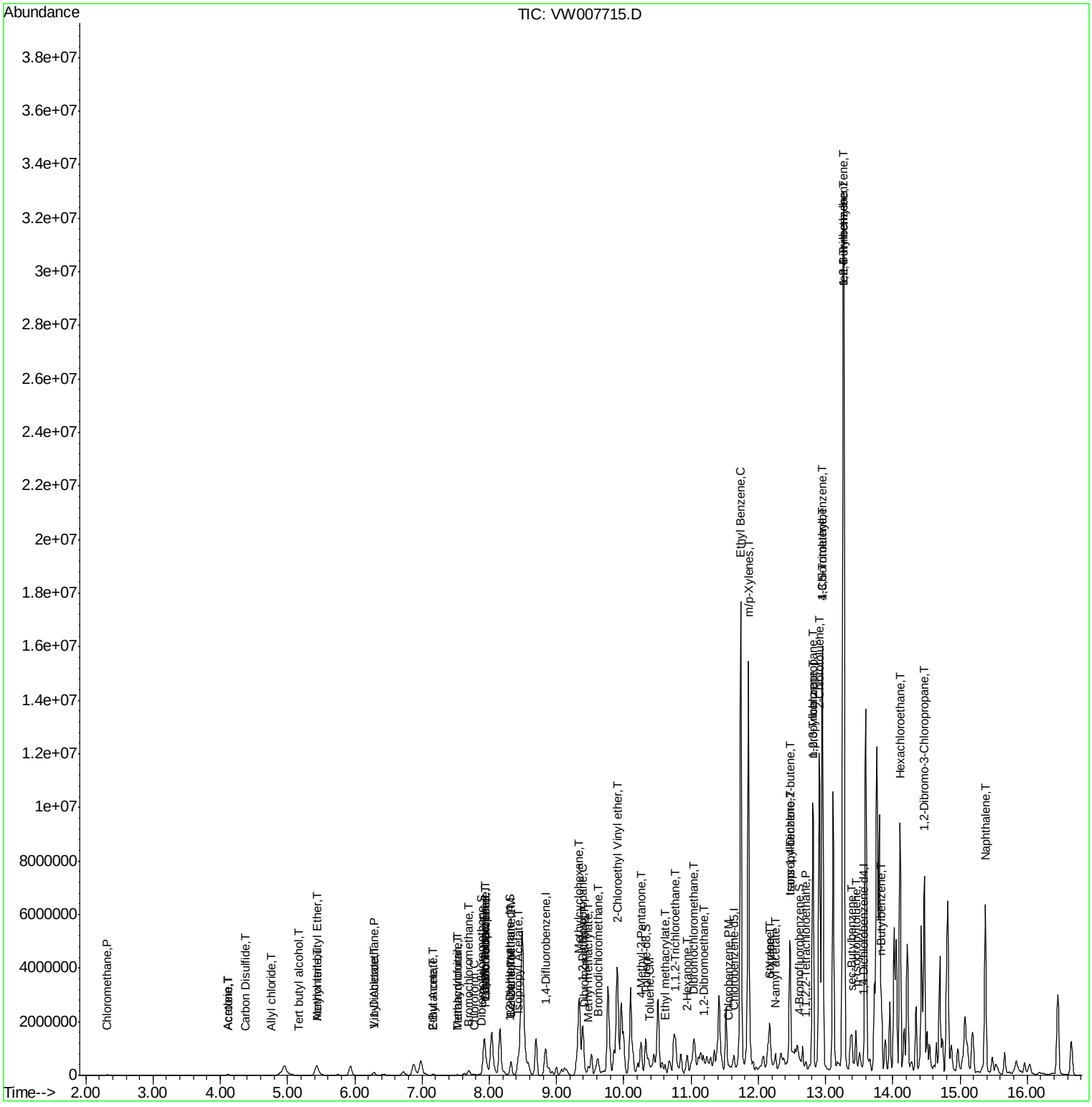
(#) = qualifier out of range (m) = manual integration (+) = signals summed

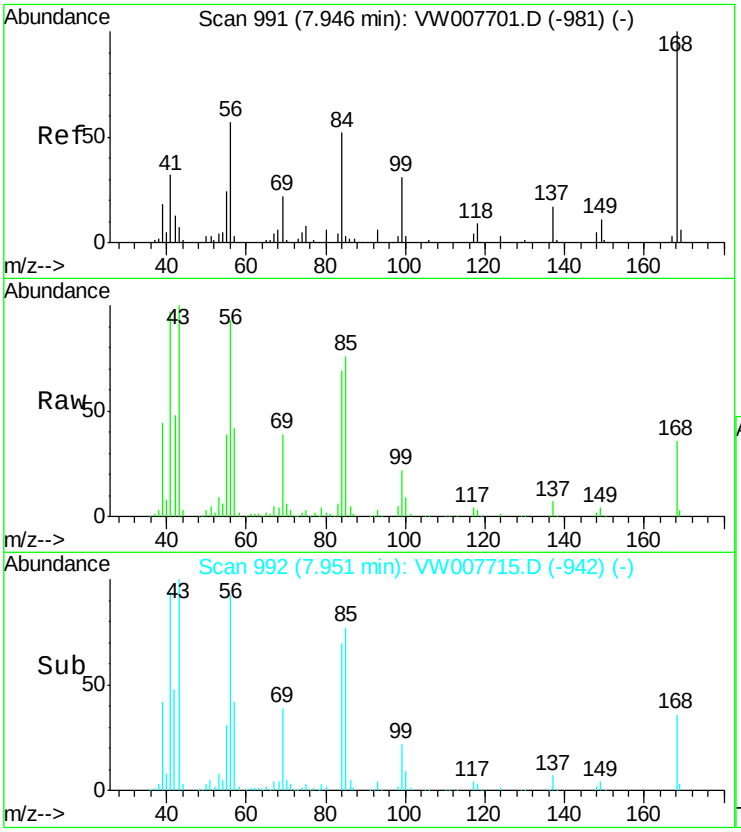
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007715.D
Acq On : 19 Dec 2018 22:11
Operator : SY/AP
Sample : J6392-06
Misc : 6.50G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Quant Time: Dec 20 06:51:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration



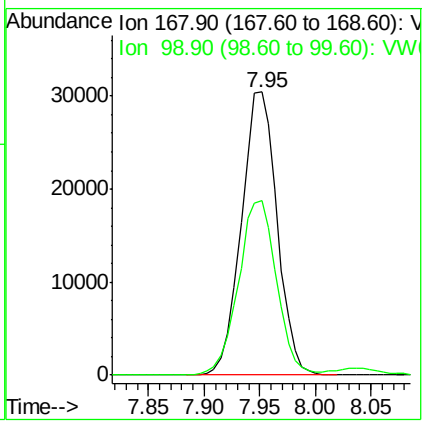


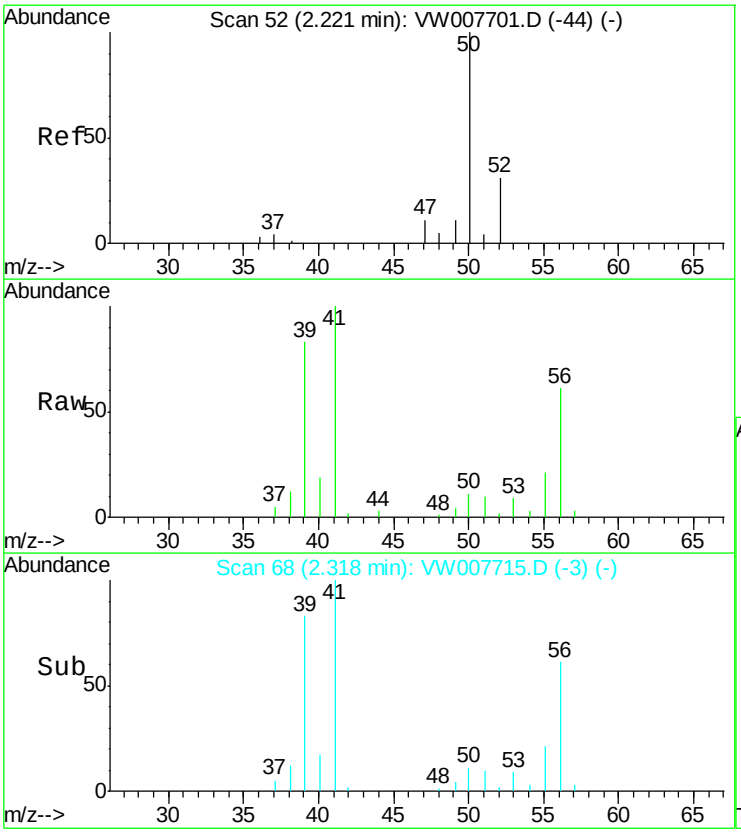
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:168 Resp: 67901

Ion	Ratio	Lower	Upper
168	100		
99	61.7	54.0	81.0

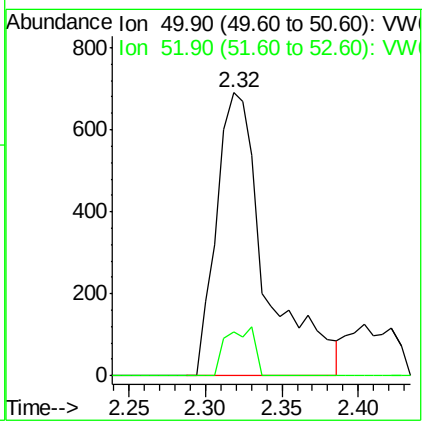


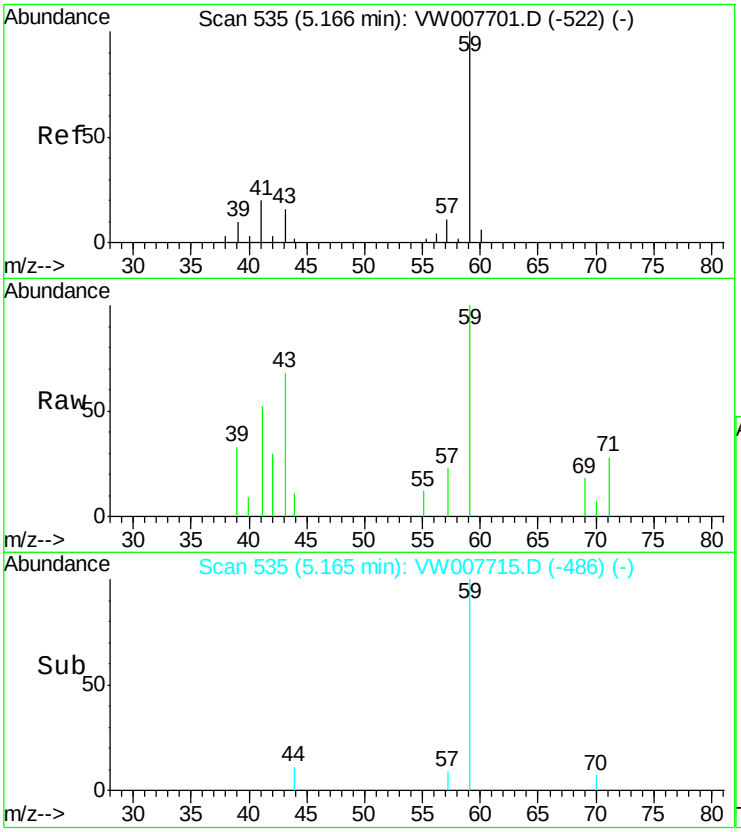


#3
Chloromethane
Concen: 4.163 ug/l
RT: 2.32 min Scan# 68
Delta R.T. 0.10 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 50 Resp: 1543

Ion	Ratio	Lower	Upper
50	100		
52	15.7	25.1	37.7#



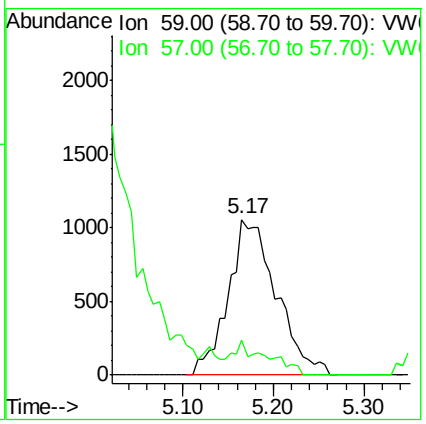


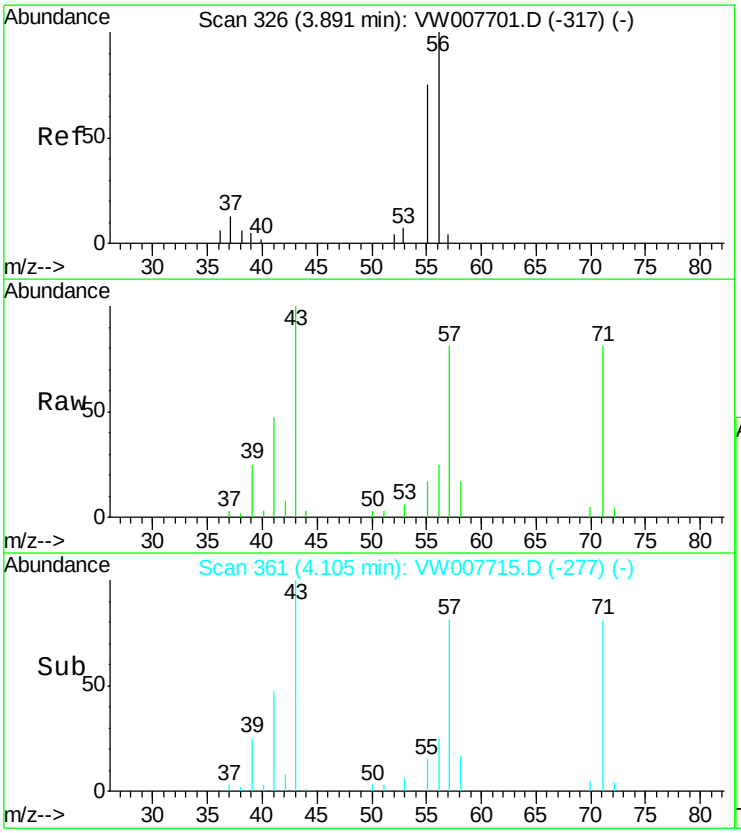
#11
Tert butyl alcohol
Concen: 77.564 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 59 Resp: 3894

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

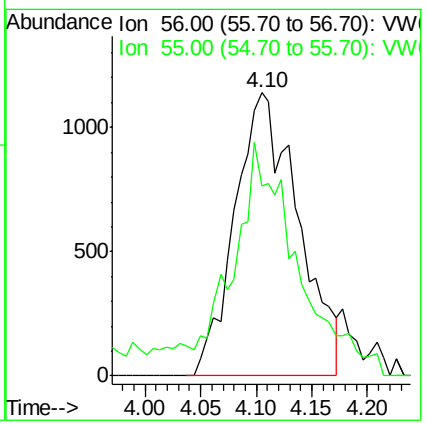


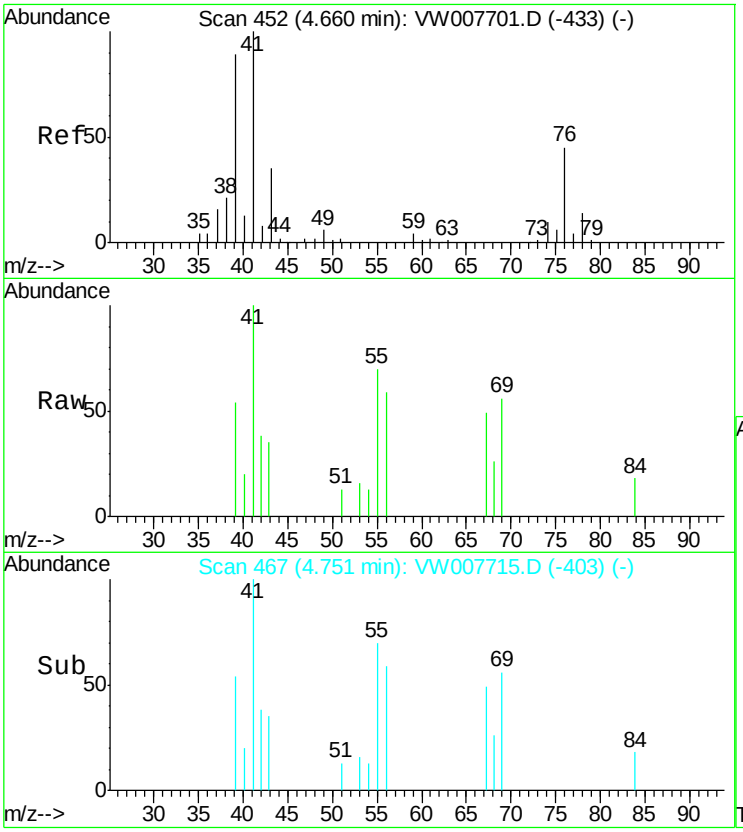


#13
Acrolein
Concen: 112.155 ug/l
RT: 4.10 min Scan# 361
Delta R.T. 0.21 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 56 Resp: 4502

Ion	Ratio	Lower	Upper
56	100		
55	58.9	57.7	86.5



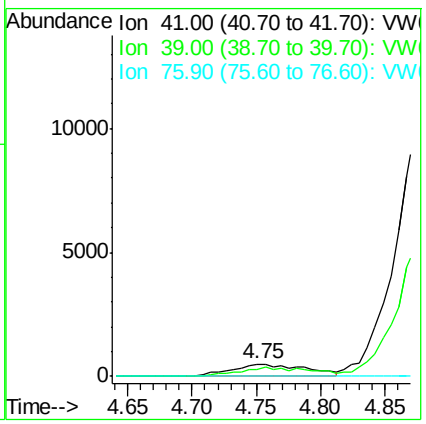


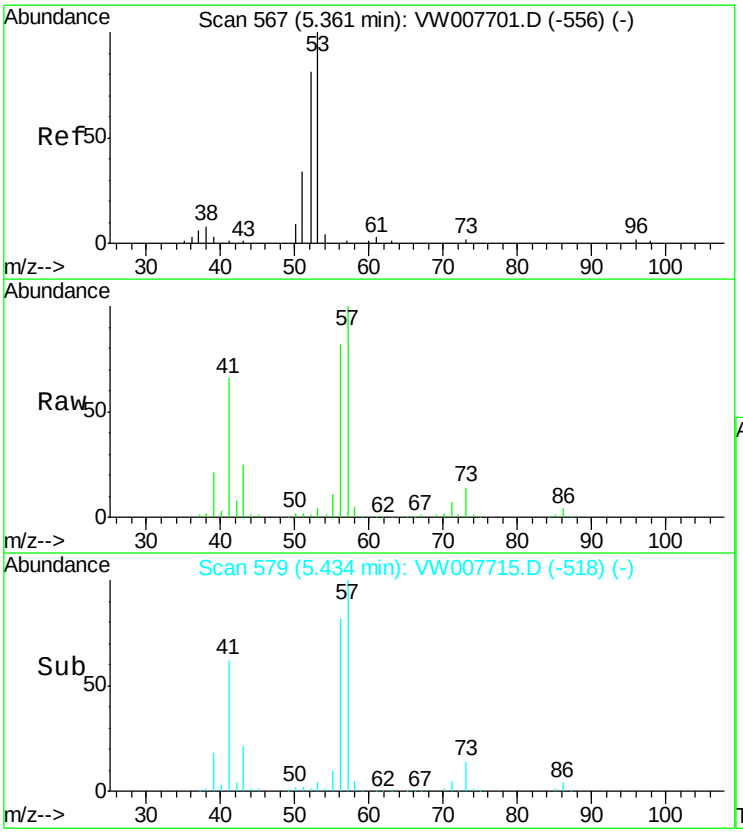
#14
Allyl chloride
Concen: 2.241 ug/l
RT: 4.75 min Scan# 467
Delta R.T. 0.09 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 41 Resp: 1969

Ion	Ratio	Lower	Upper
41	100		
39	71.2	69.5	104.3
76	0.0	34.8	52.2#

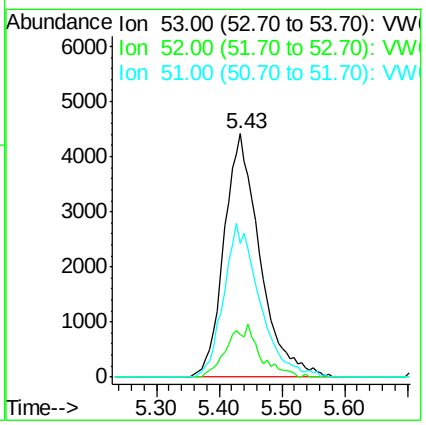


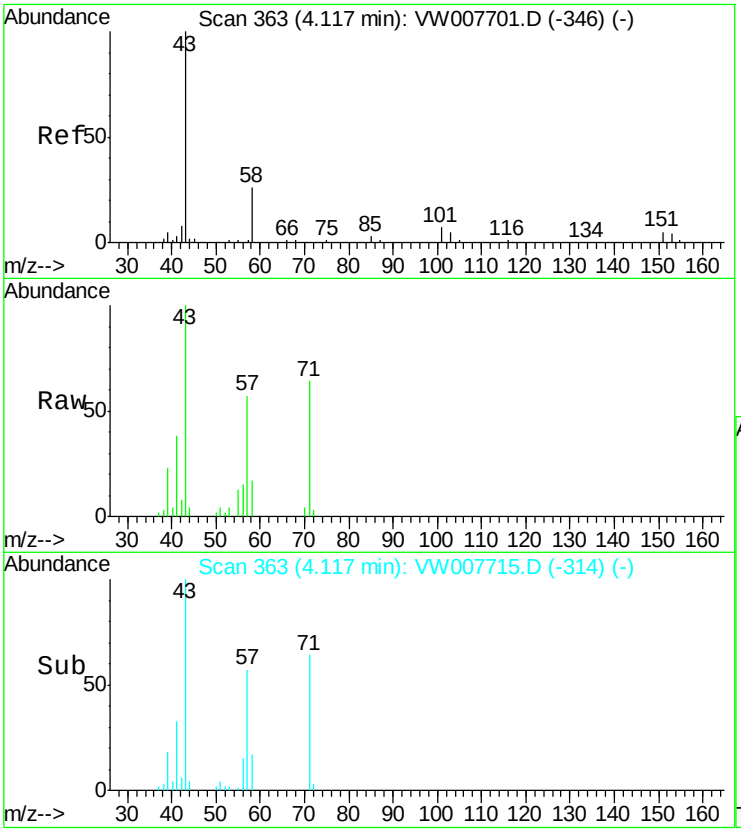


#15
Acrylonitrile
Concen: 135.811 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.07 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 53 Resp: 17431

Ion	Ratio	Lower	Upper
53	100		
52	10.9	67.0	100.4#
51	62.5	30.2	45.2#



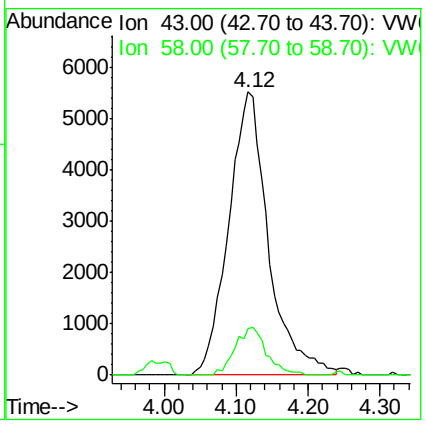


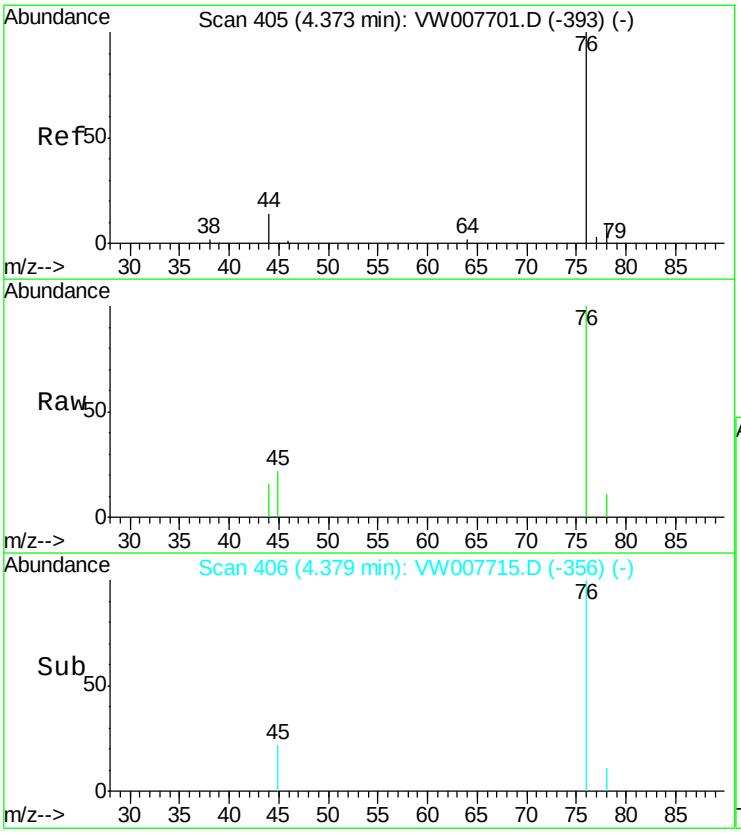
#16
Acetone
Concen: 152.608 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 43 Resp: 21268

Ion	Ratio	Lower	Upper
43	100		
58	16.6	21.2	31.8#

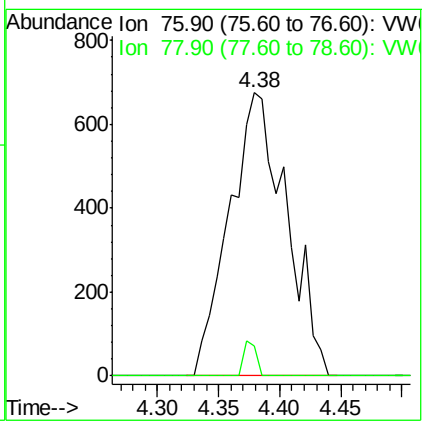


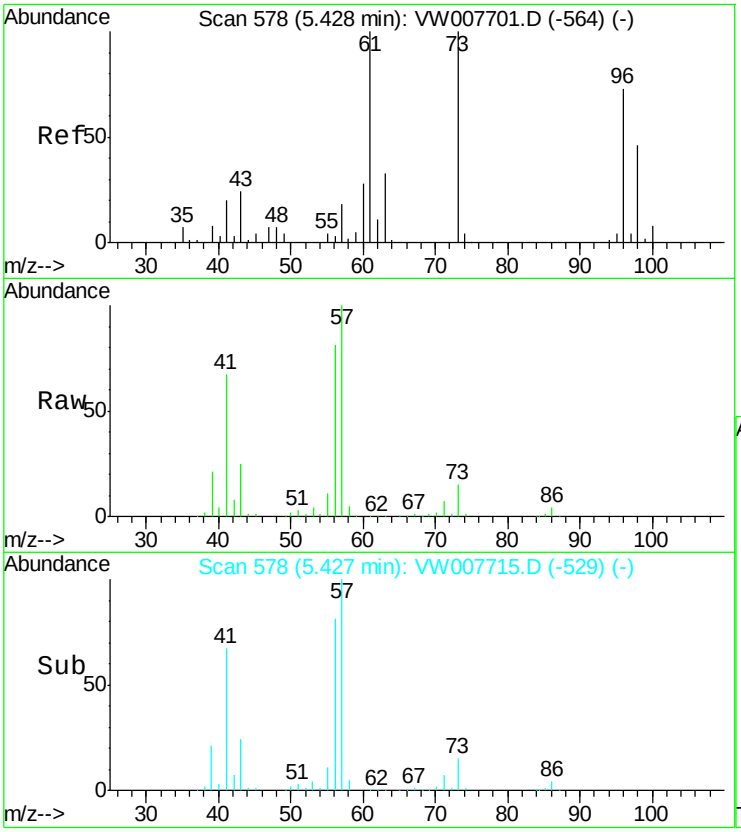


#17
Carbon Disulfide
Concen: 1.057 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 76 Resp: 2191

Ion	Ratio	Lower	Upper
76	100		
78	10.7	7.3	10.9



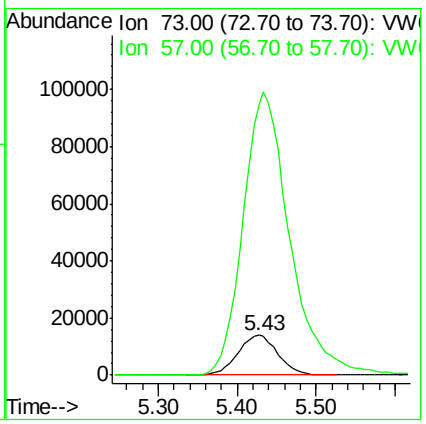


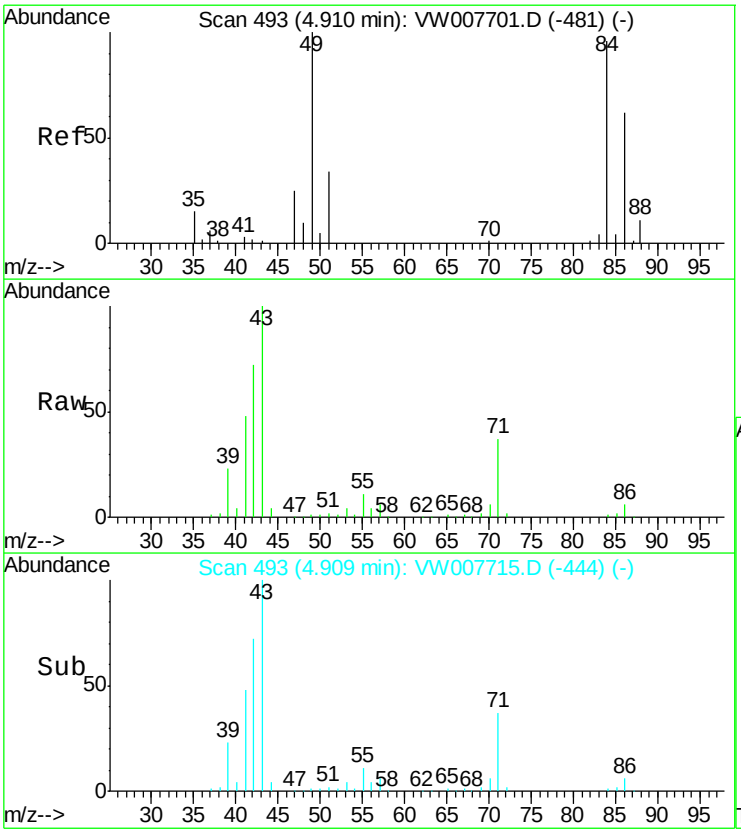
#19
Methyl tert-butyl Ether
Concen: 51.194 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 73 Resp: 49237

Ion	Ratio	Lower	Upper
73	100		
57	681.5	14.7	22.1#

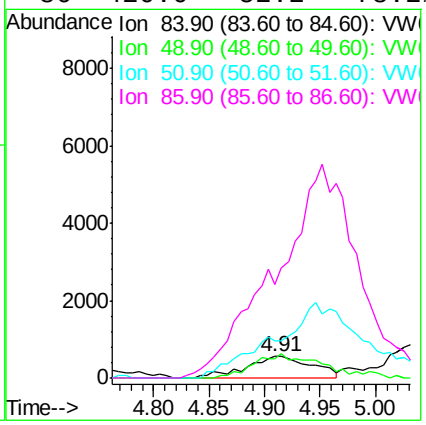


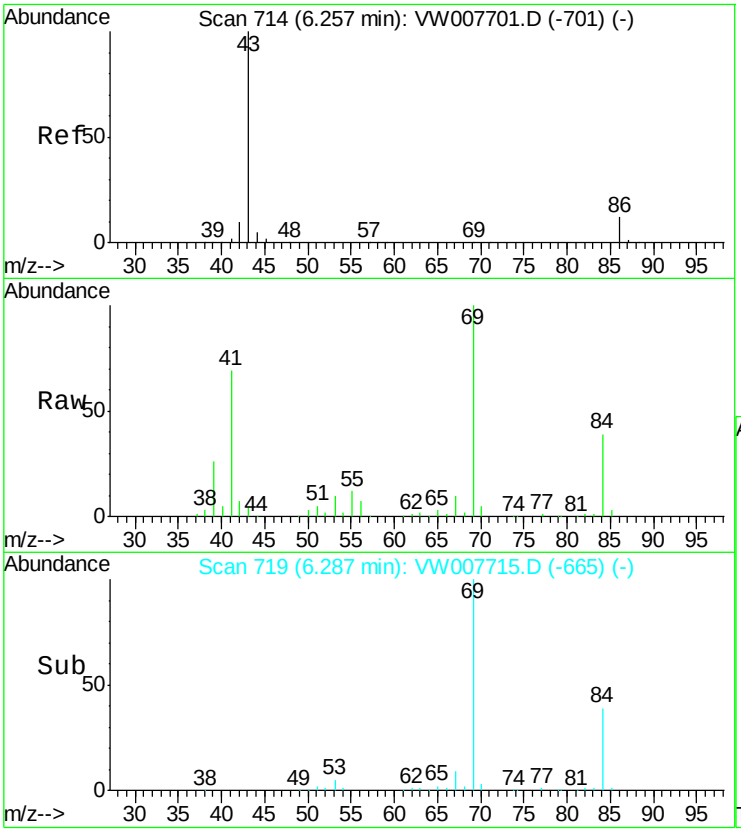


#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 84 Resp: 2297

Ion	Ratio	Lower	Upper
84	100		
49	88.8	83.7	125.5
51	170.1	28.2	42.2#
86	420.0	52.2	78.2#



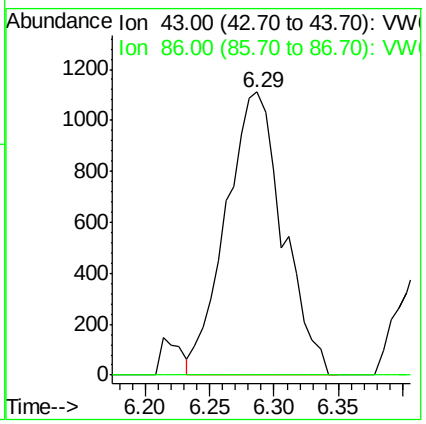


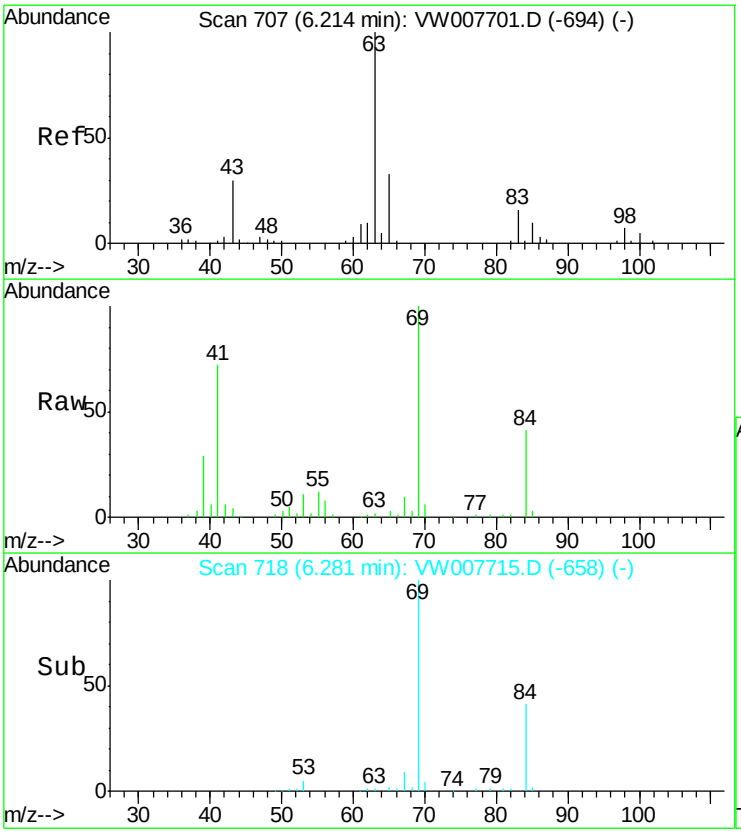
#23
Vinyl Acetate
Concen: 3.501 ug/l
RT: 6.29 min Scan# 719
Delta R.T. 0.03 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 43 Resp: 3422

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.6	14.4#

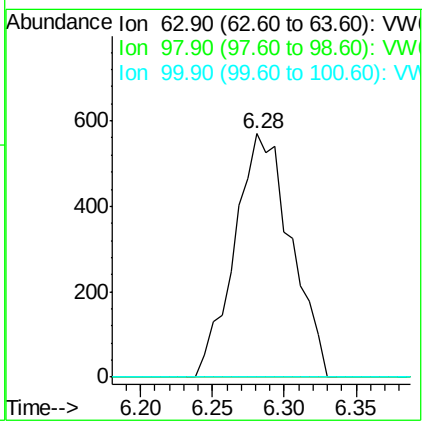


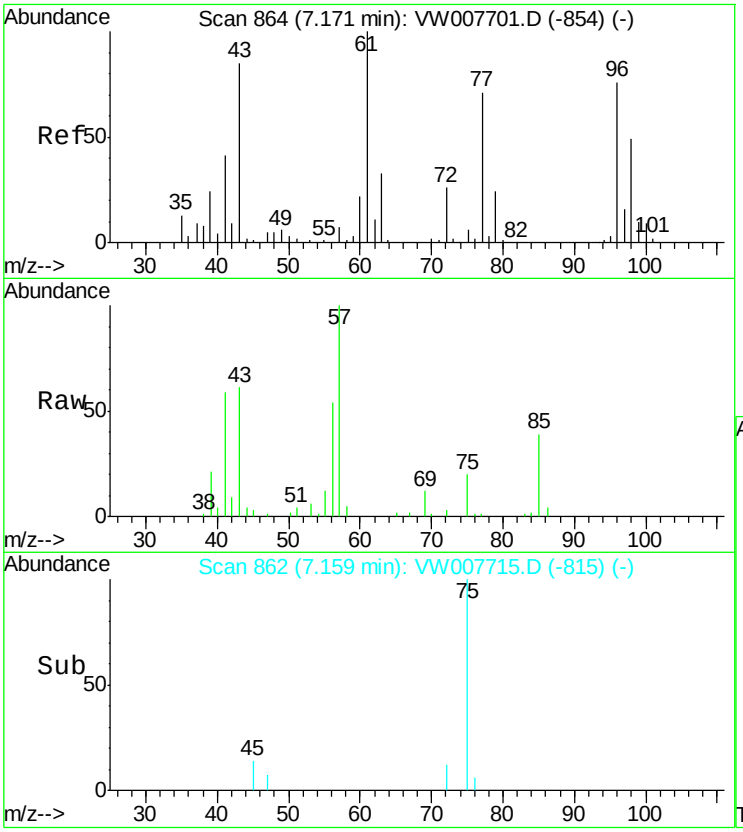


#24
1,1-Dichloroethane
Concen: 1.280 ug/l
RT: 6.28 min Scan# 718
Delta R.T. 0.07 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 63 Resp: 1549

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.6	10.9#
100	0.0	2.5	7.5#



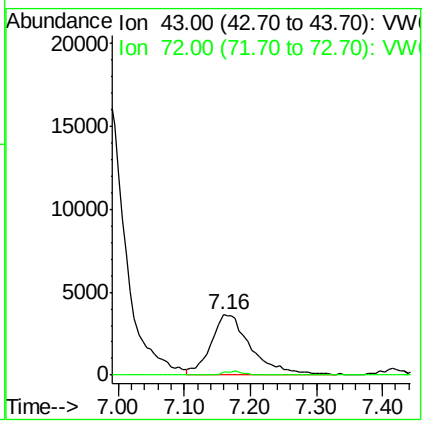


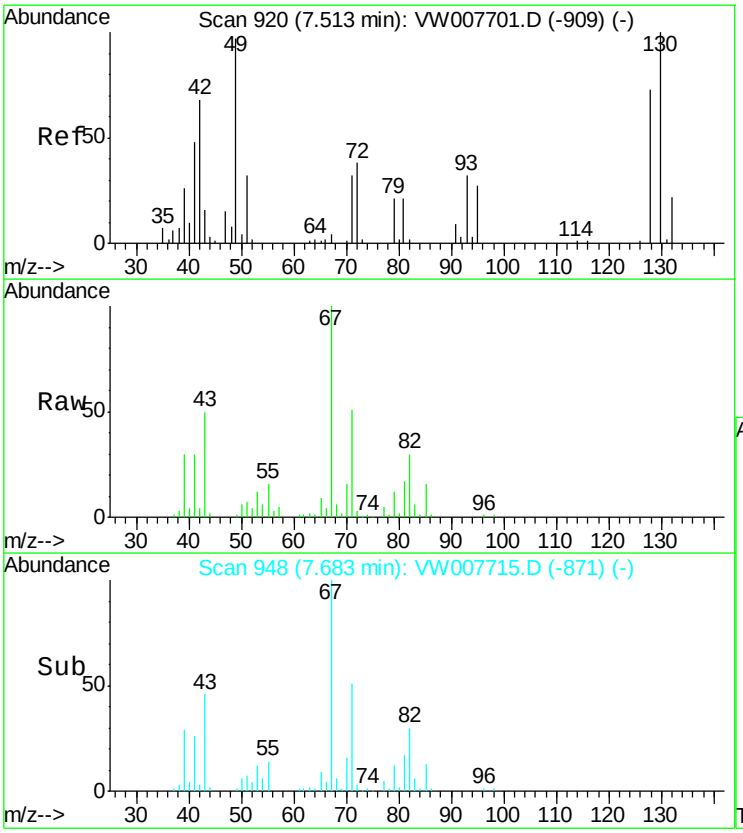
#25
2-Butanone
Concen: 94.171 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 43 Resp: 15372

Ion	Ratio	Lower	Upper
43	100		
72	5.6	24.5	36.7#

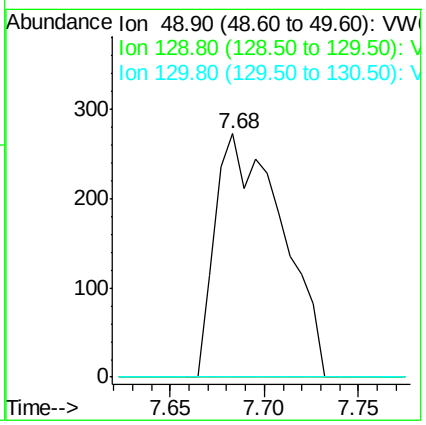


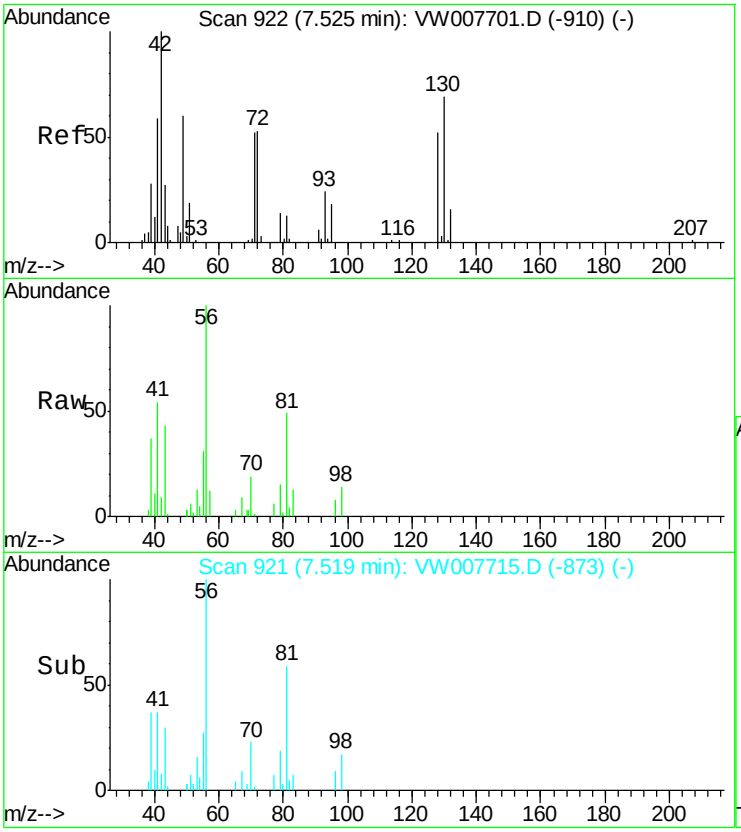


#28
Bromochloromethane
Concen: 1.614 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.17 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 49 Resp: 666

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	81.5	122.3#



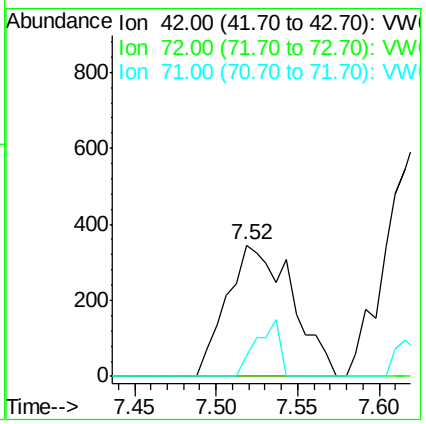


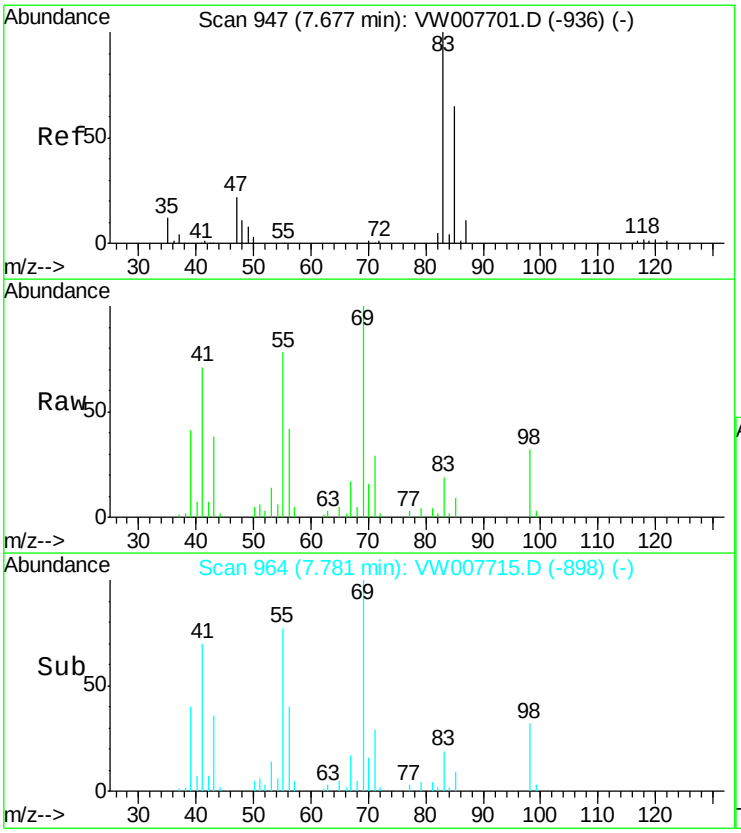
#29
Tetrahydrofuran
Concen: 9.839 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 42 Resp: 958

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	39.0	58.6#

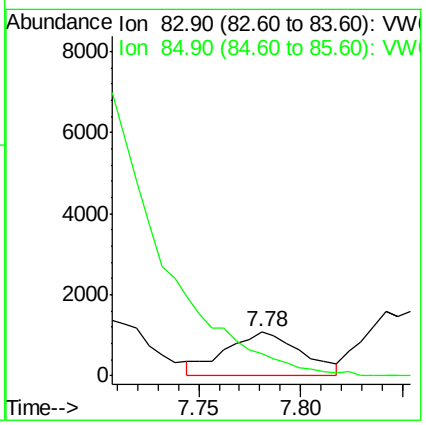


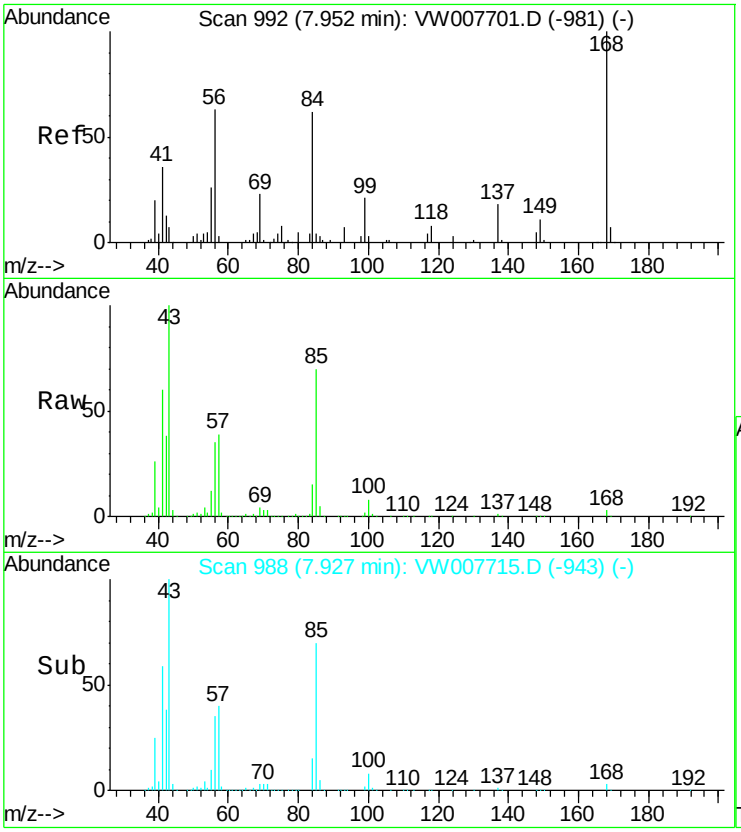


#30
Chloroform
Concen: 2.058 ug/l
RT: 7.78 min Scan# 964
Delta R.T. 0.10 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 83 Resp: 2819

Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.2	78.2



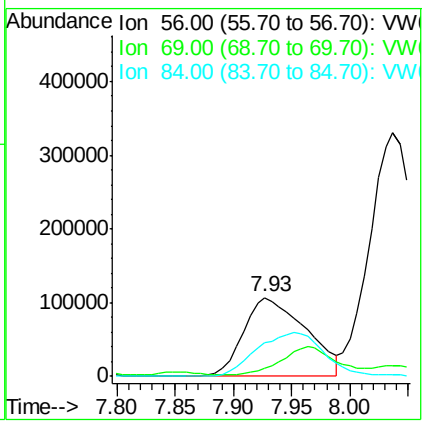


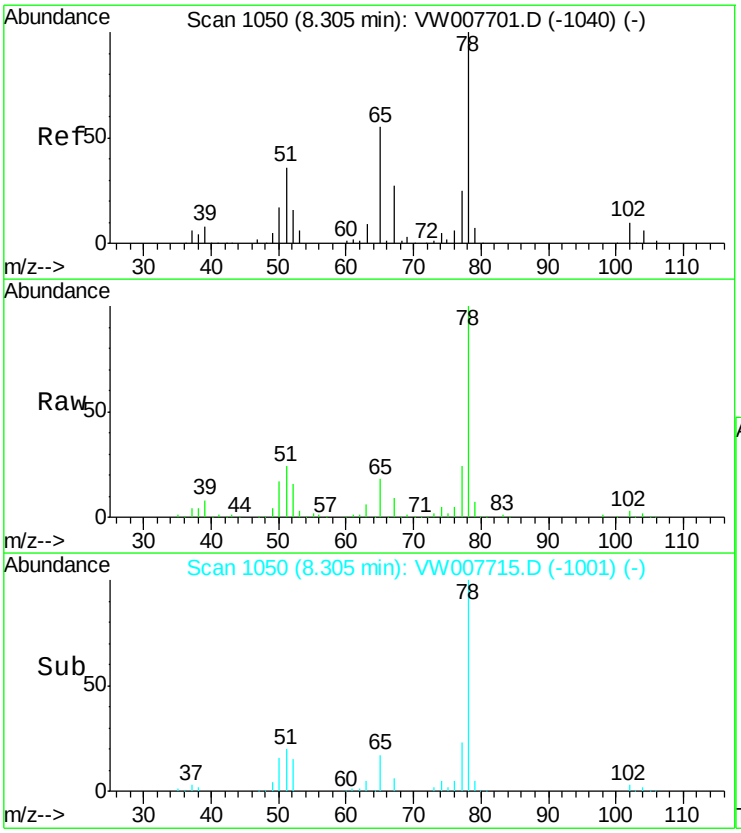
#31
Cyclohexane
Concen: 352.148 ug/l
RT: 7.93 min Scan# 988
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 56 Resp: 390133

Ion	Ratio	Lower	Upper
56	100		
69	5.4	29.7	44.5#
84	42.5	78.9	118.3#

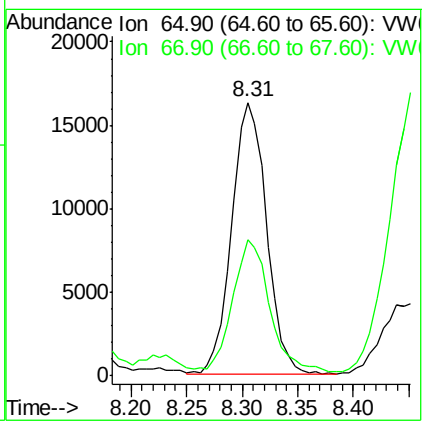


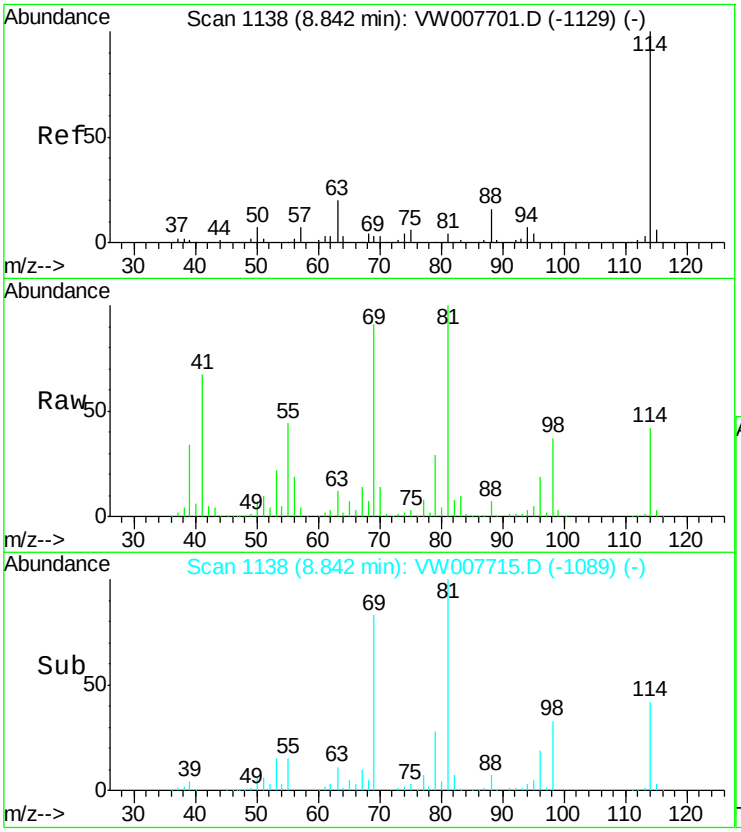


#33
1,2-Dichloroethane-d4
Concen: 47.500 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 65 Resp: 35351

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.6



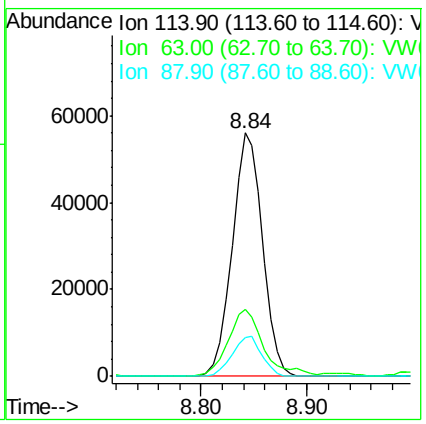


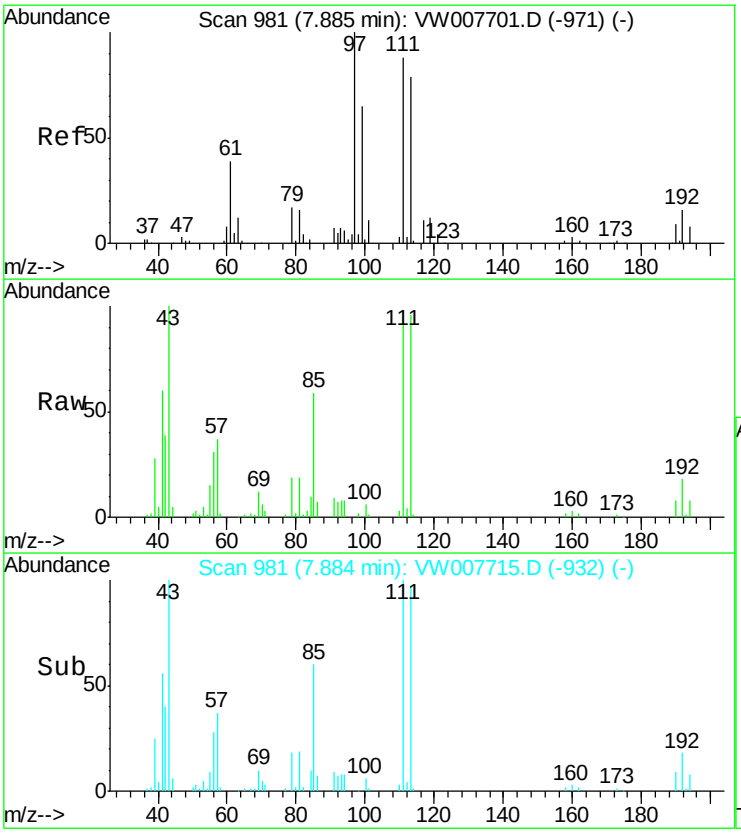
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:114 Resp: 111393

Ion	Ratio	Lower	Upper
114	100		
63	27.7	0.0	40.0
88	15.8	0.0	32.6

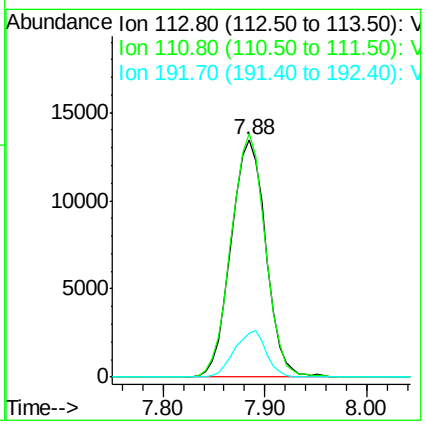


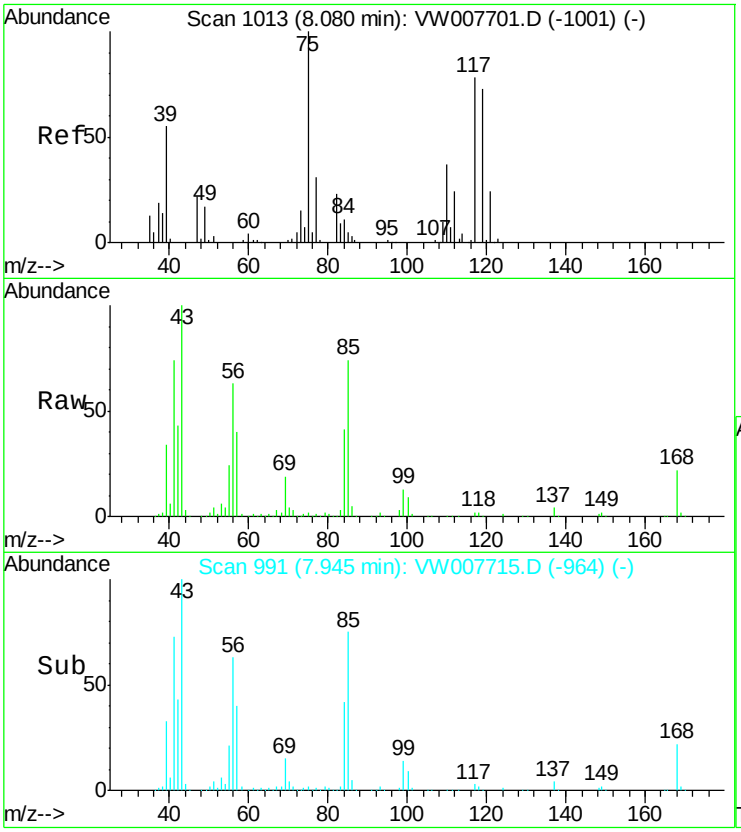


#35
Dibromofluoromethane
Concen: 46.820 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:113 Resp: 31817

Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	124.0
192	17.9	15.5	23.3



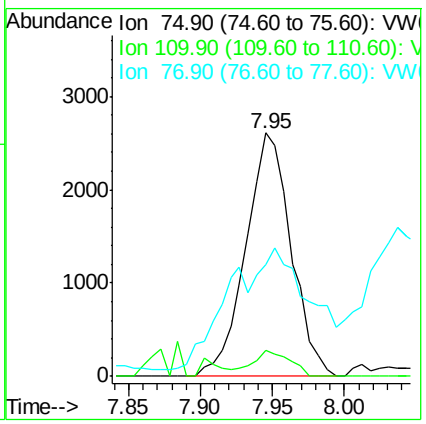


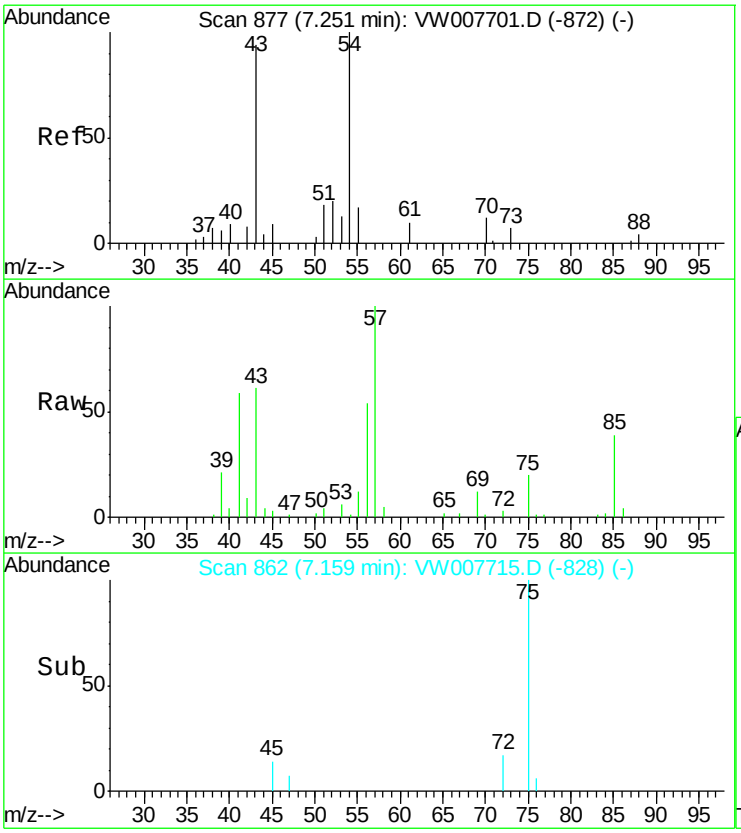
#36
1,1-Dichloropropene
Concen: 5.306 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 75 Resp: 5705

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.6	55.8#
77	0.0	25.0	37.4#

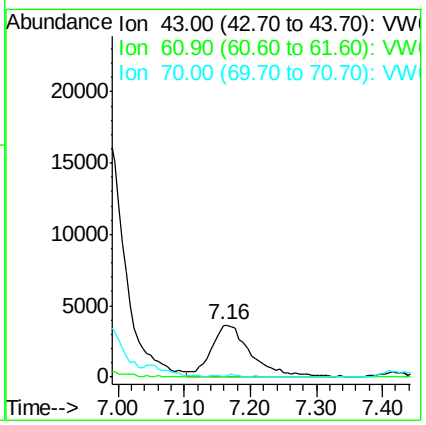


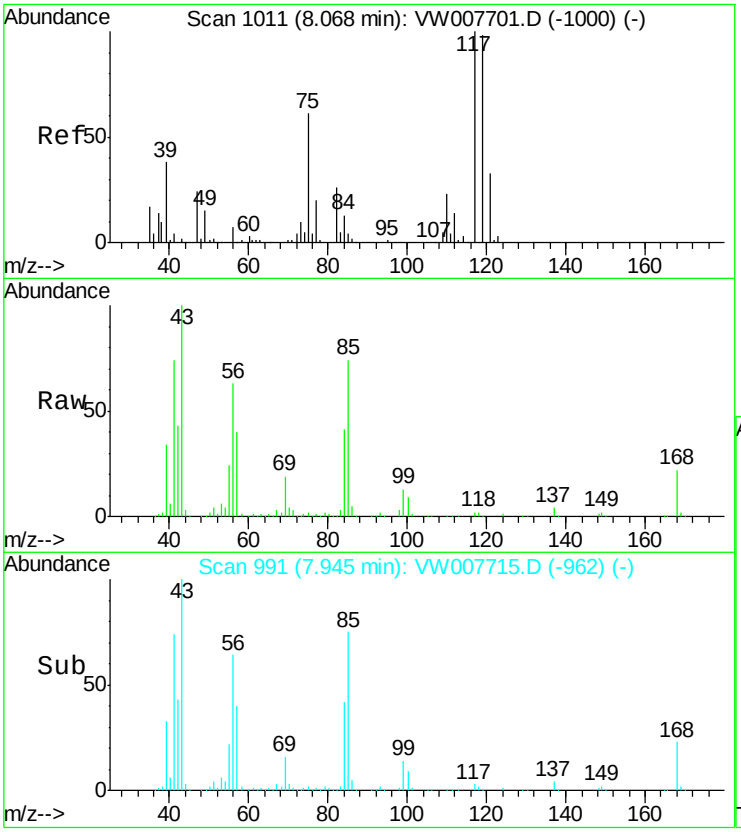


#37
Ethyl Acetate
Concen: 41.429 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.09 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 43 Resp: 15372

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.2	16.8#
70	0.0	9.3	13.9#



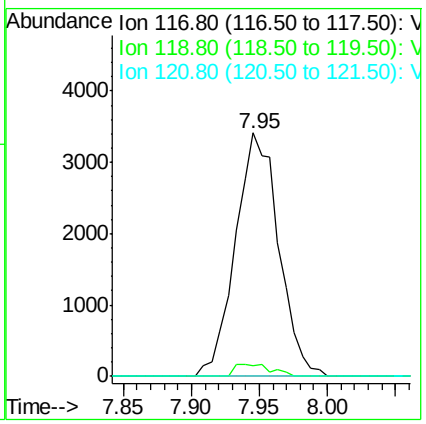


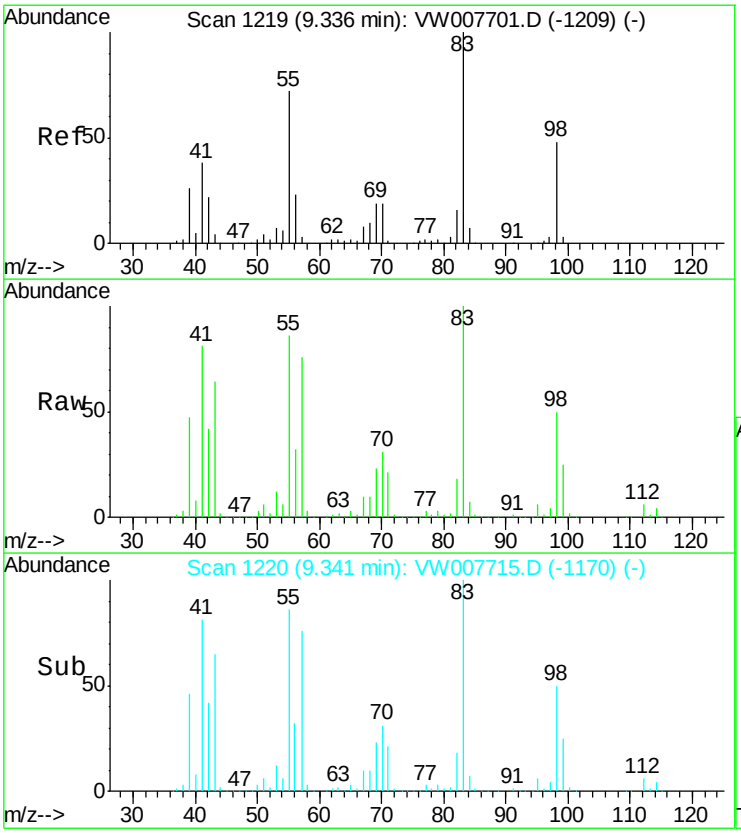
#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:117 Resp: 7593

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.2	117.2#
121	0.0	26.1	39.1#

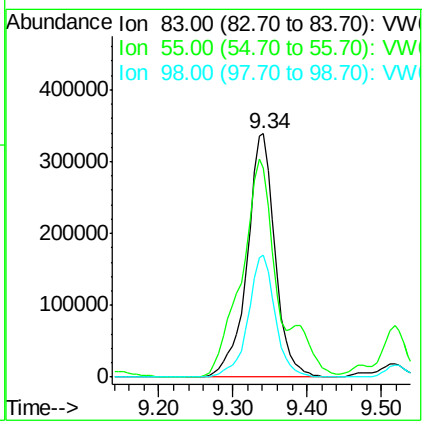


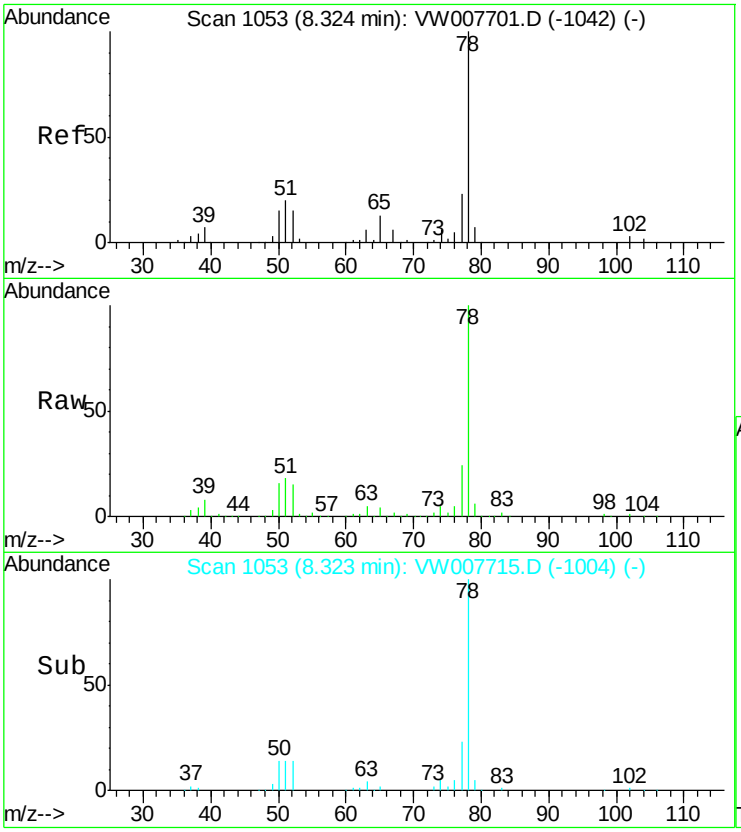


#39
Methylcyclohexane
Concen: 666.126 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 83 Resp: 889931

Ion	Ratio	Lower	Upper
83	100		
55	85.8	57.2	85.8
98	50.0	38.6	58.0



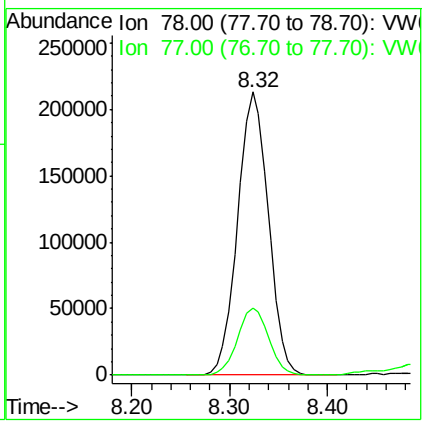


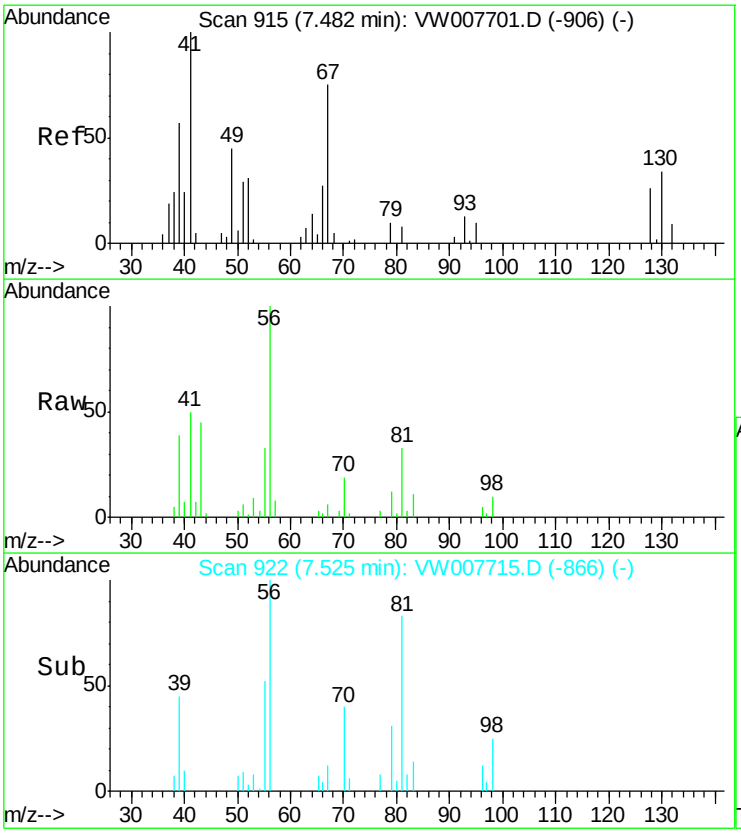
#40
Benzene
Concen: 162.224 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 78 Resp: 465422

Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1

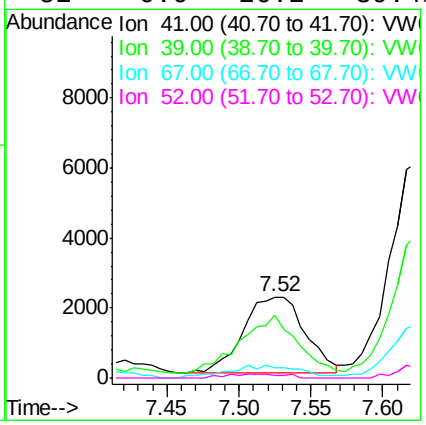


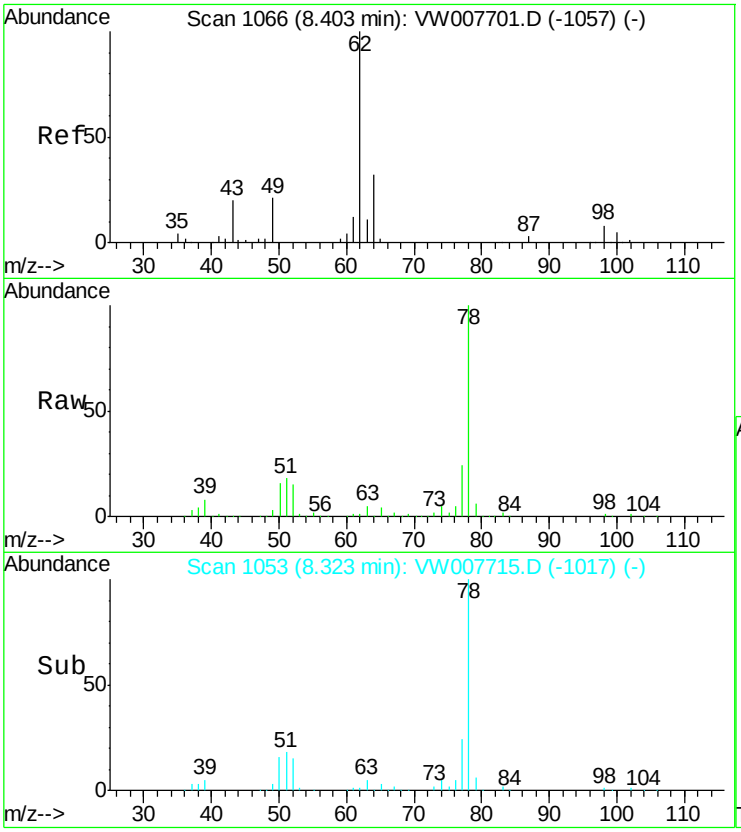


#41
Methacrylonitrile
Concen: 30.907 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 41 Resp: 6511

Ion	Ratio	Lower	Upper
41	100		
39	70.2	54.2	81.4
67	0.0	65.7	98.5#
52	0.0	26.2	39.4#



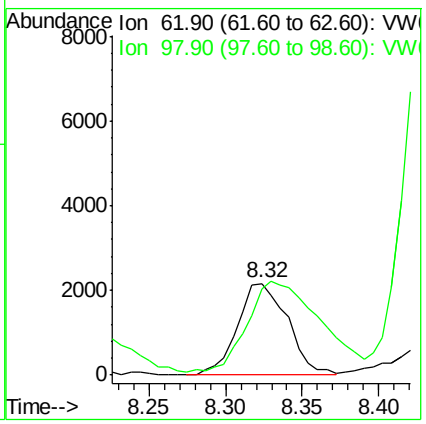


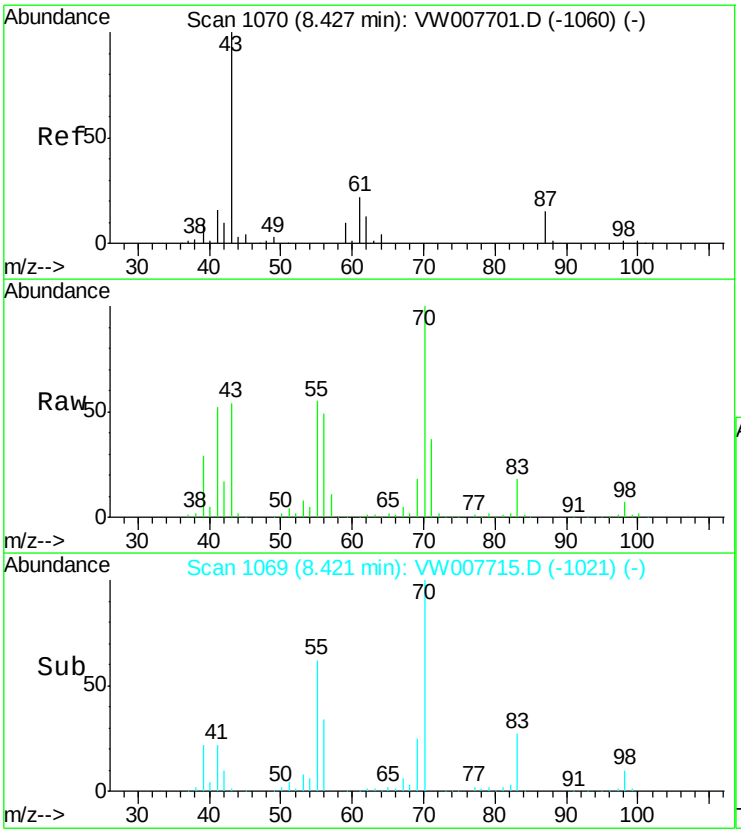
#42
1,2-Dichloroethane
Concen: 5.152 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.08 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 62 Resp: 4953

Ion	Ratio	Lower	Upper
62	100		
98	142.3	0.0	16.6#

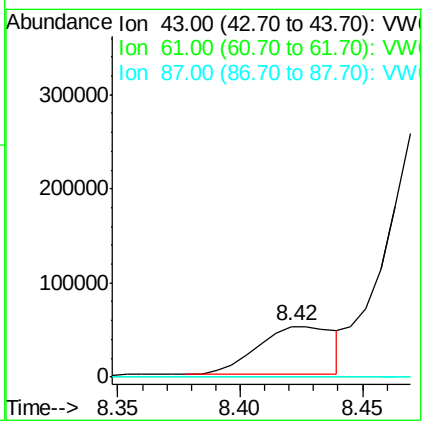


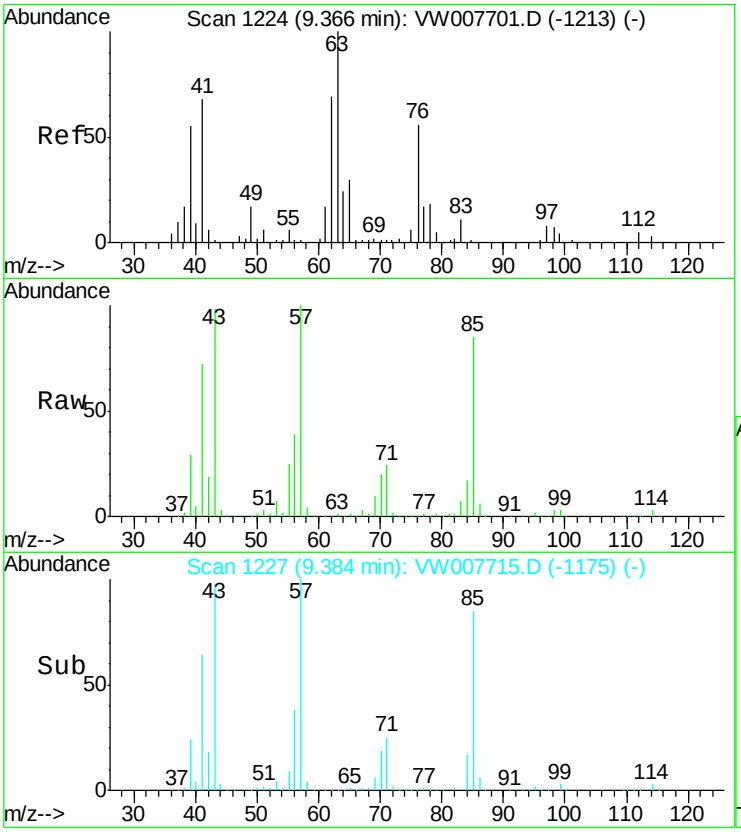


#43
Isopropyl Acetate
Concen: 151.878 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 43 Resp: 112902

Ion	Ratio	Lower	Upper
43	100		
61	0.5	26.3	39.5#
87	0.0	12.0	18.0#



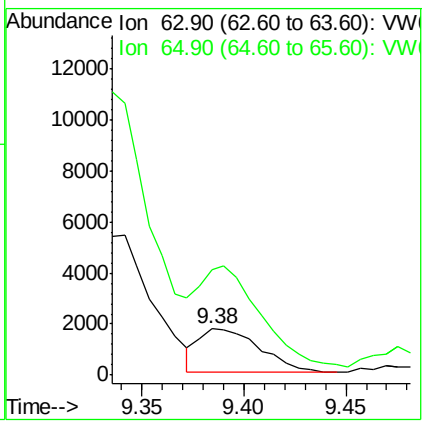


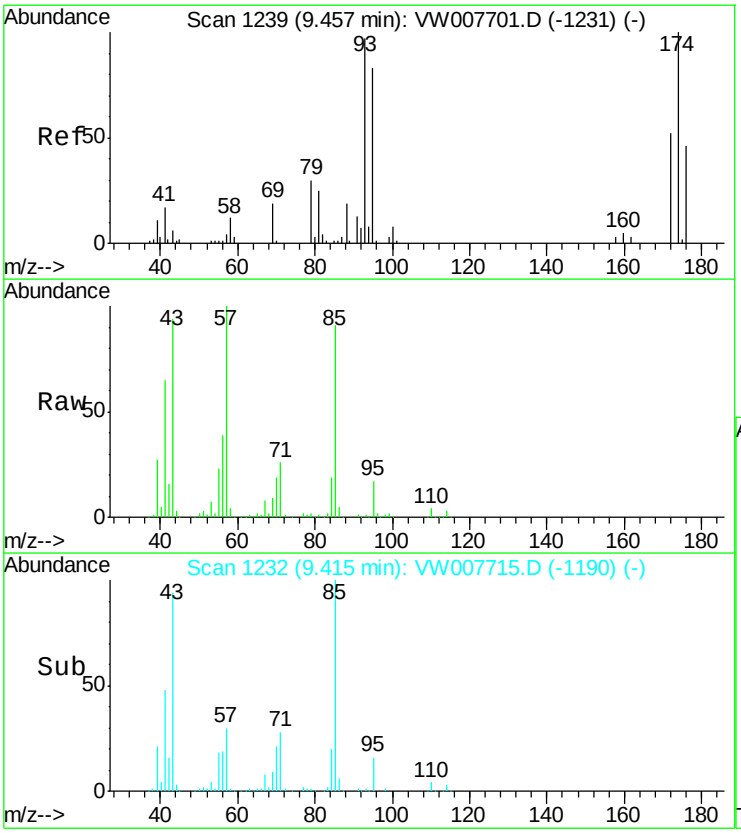
#45
1,2-Dichloropropane
Concen: 5.591 ug/l
RT: 9.38 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 63 Resp: 3559

Ion	Ratio	Lower	Upper
63	100		
65	217.7	23.8	35.8#

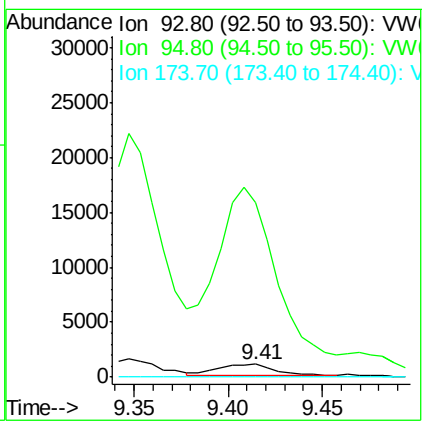


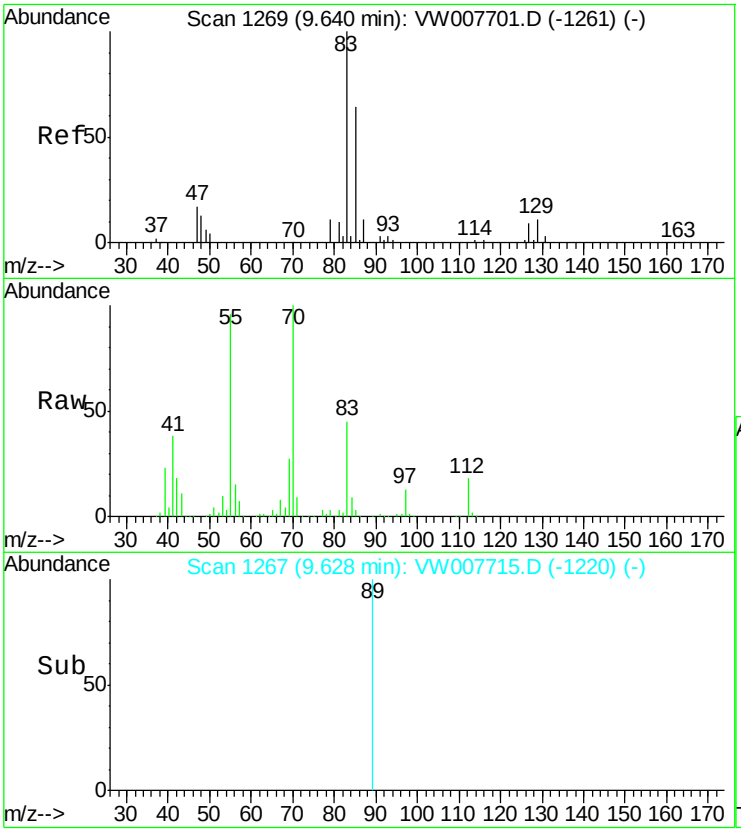


#46
Dibromomethane
Concen: 5.708 ug/l
RT: 9.41 min Scan# 1232
Delta R.T. -0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 93 Resp: 2237

Ion	Ratio	Lower	Upper
93	100		
95	1472.0	67.5	101.3#
174	0.0	83.9	125.9#



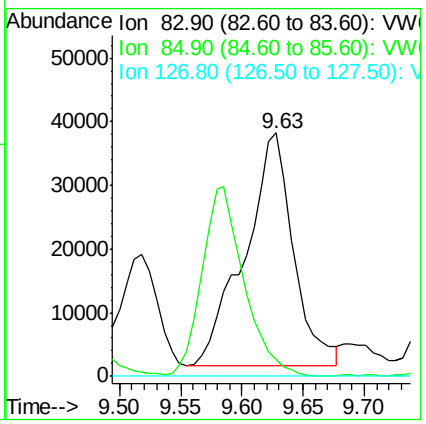


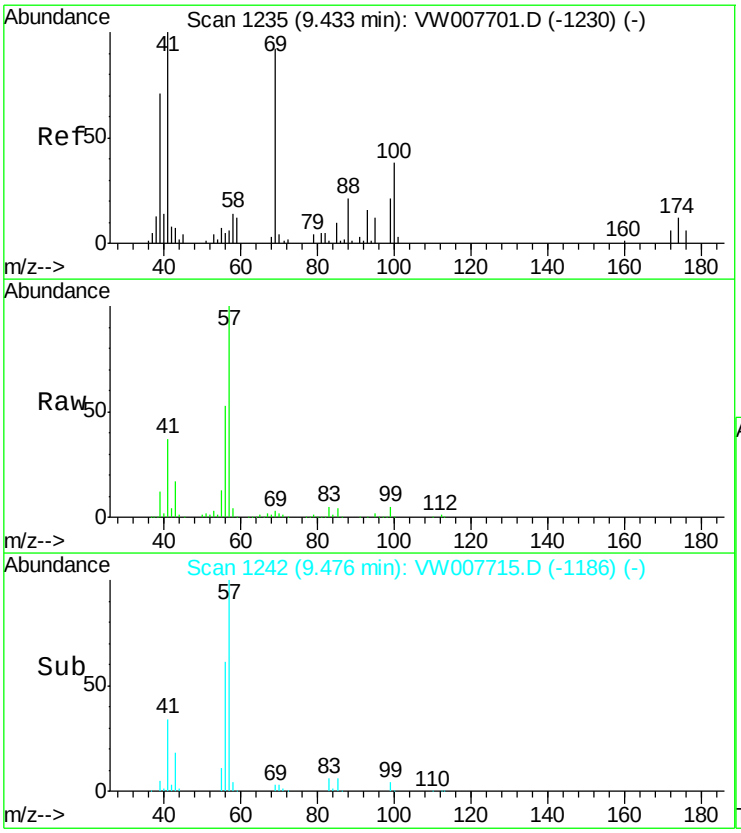
#47
Bromodichloromethane
Concen: 98.812 ug/l
RT: 9.63 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 83 Resp: 101797

Ion	Ratio	Lower	Upper
83	100		
85	7.0	51.4	77.0#
127	0.0	7.5	11.3#

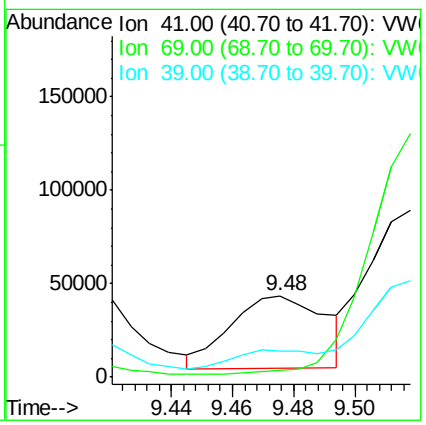


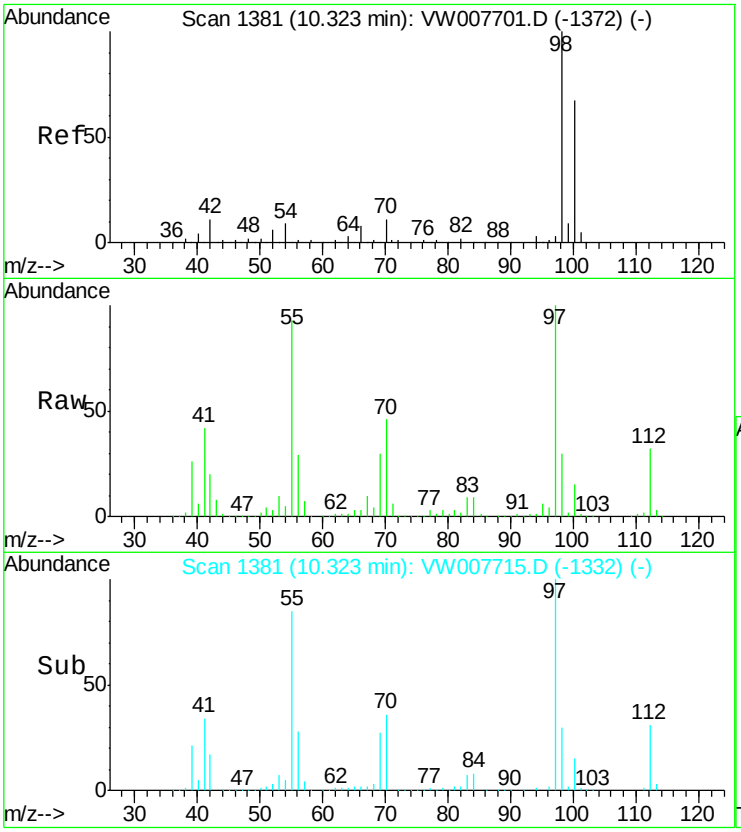


#48
Methyl methacrylate
Concen: 225.450 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 41 Resp: 83655

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.2	111.2#
39	26.8	53.9	80.9#



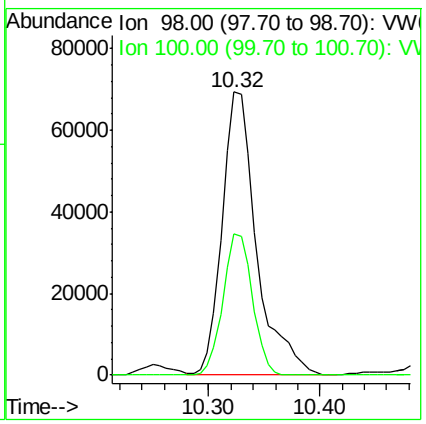


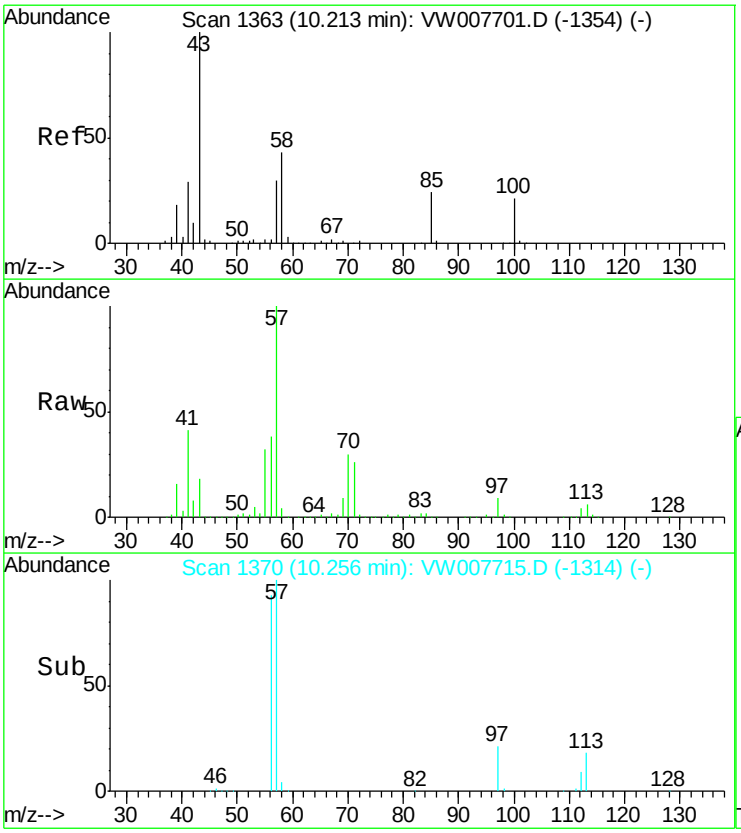
#50
Toluene-d8
Concen: 58.159 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 98 Resp: 148992

Ion	Ratio	Lower	Upper
98	100		
100	42.5	52.2	78.2#

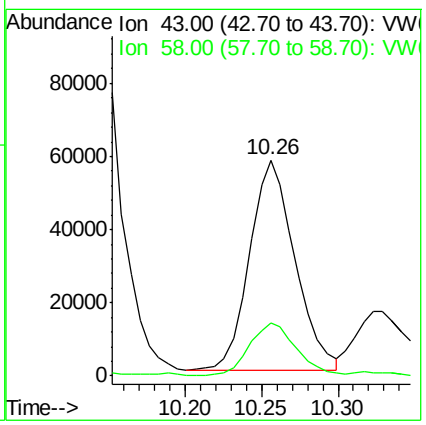


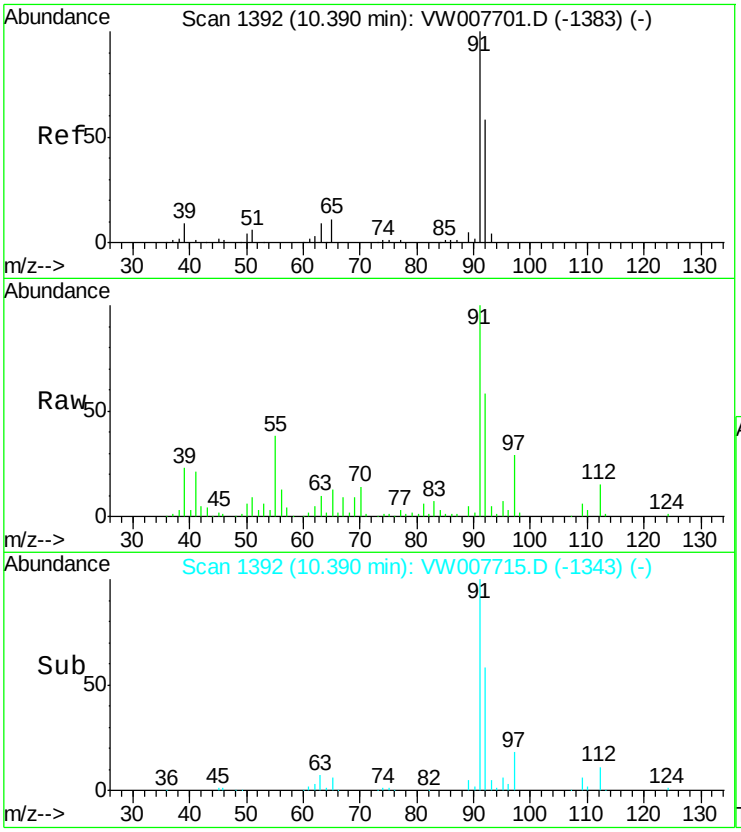


#51
4-Methyl-2-Pentanone
Concen: 334.487 ug/l
RT: 10.26 min Scan# 1370
Delta R.T. 0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 43 Resp: 117511

Ion	Ratio	Lower	Upper
43	100		
58	25.2	33.2	49.8#



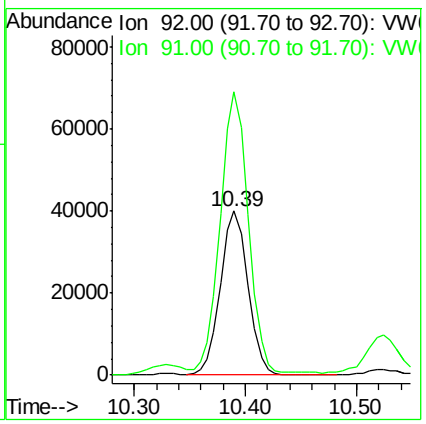


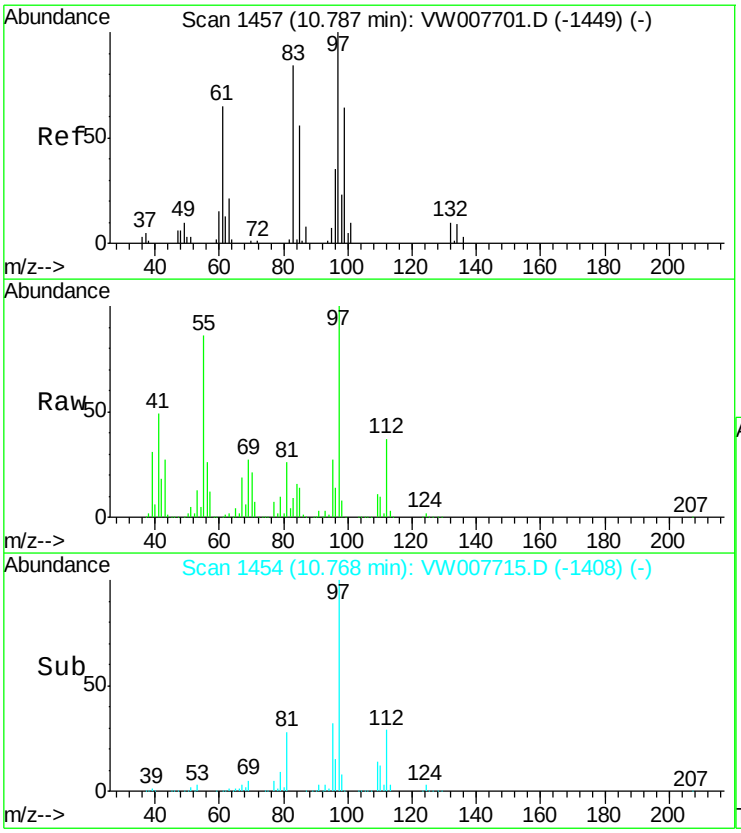
#52
Toluene
Concen: 35.879 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 92 Resp: 69064

Ion	Ratio	Lower	Upper
92	100		
91	174.5	137.0	205.4

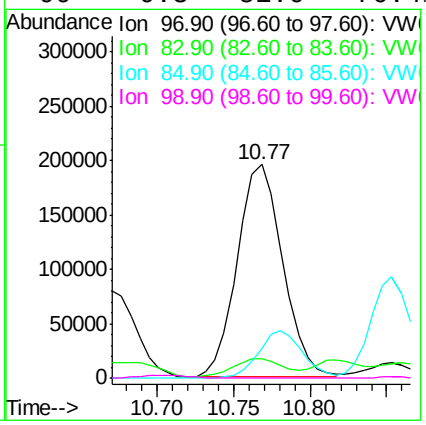


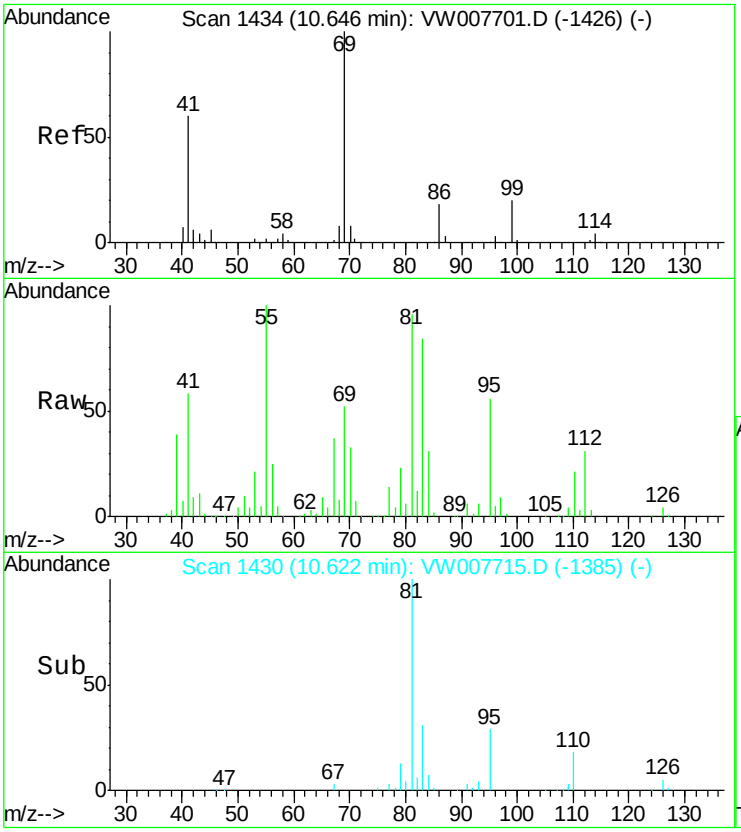


#55
1,1,2-Trichloroethane
Concen: 747.308 ug/l
RT: 10.77 min Scan# 1454
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 97 Resp: 403722

Ion	Ratio	Lower	Upper
97	100		
83	8.4	67.5	101.3#
85	13.8	44.8	67.2#
99	0.3	51.0	76.4#



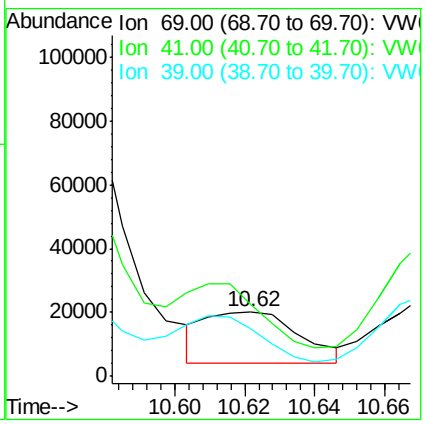


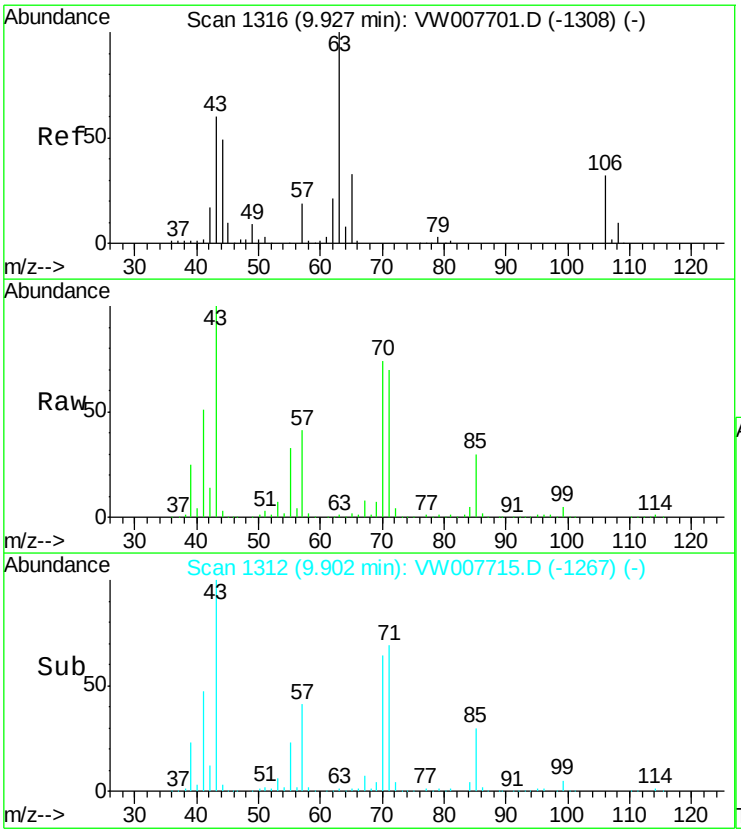
#56
Ethyl methacrylate
Concen: 46.062 ug/l
RT: 10.62 min Scan# 1430
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 69 Resp: 29401

Ion	Ratio	Lower	Upper
69	100		
41	101.4	48.9	73.3#
39	83.7	31.3	46.9#

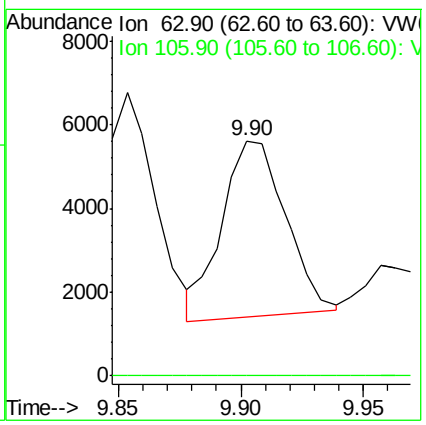


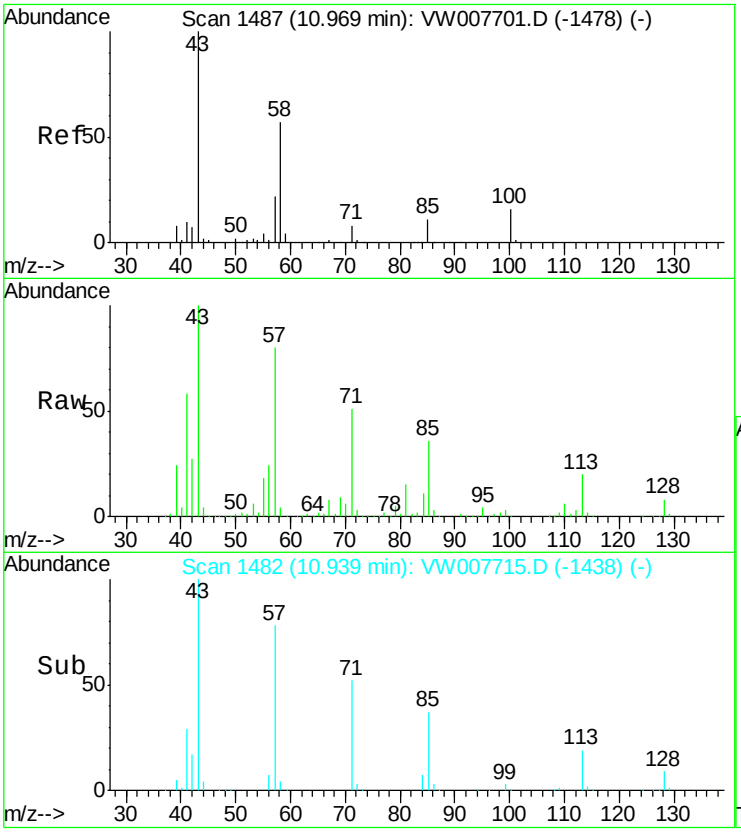


#58
2-Chloroethyl Vinyl ether
Concen: 26.144 ug/l
RT: 9.90 min Scan# 1312
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 63 Resp: 7619

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.9	38.9#



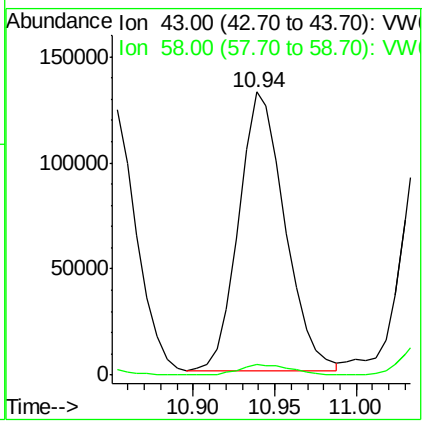


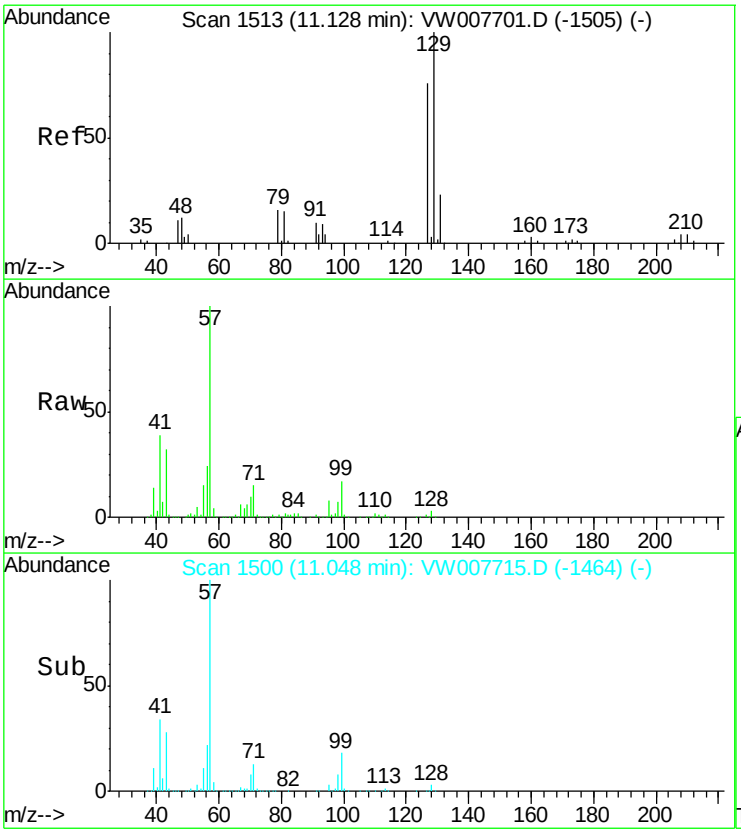
#59
2-Hexanone
Concen: 1043.054 ug/l
RT: 10.94 min Scan# 1482
Delta R.T. -0.03 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 43 Resp: 257708

Ion	Ratio	Lower	Upper
43	100		
58	4.3	27.7	83.1#

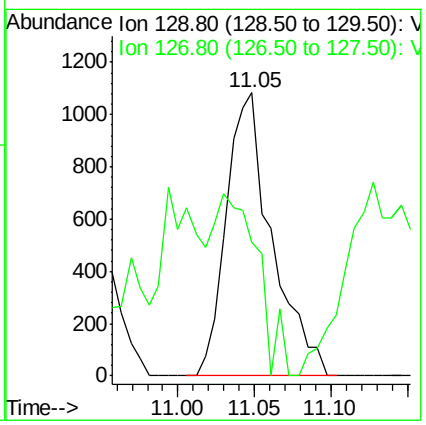


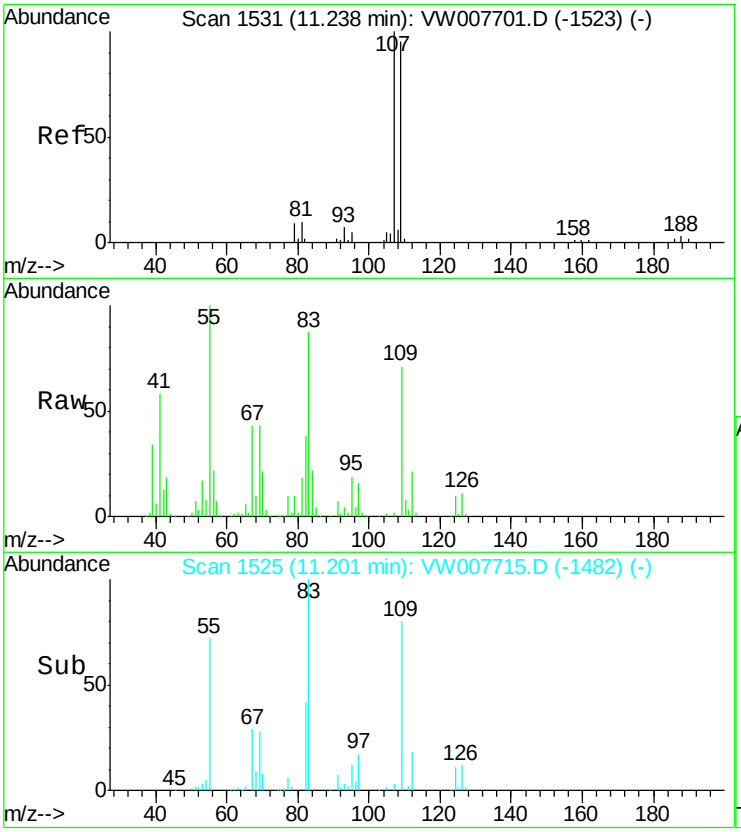


#60
Dibromochloromethane
Concen: 3.119 ug/l
RT: 11.05 min Scan# 1500
Delta R.T. -0.08 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:129 Resp: 2231

Ion	Ratio	Lower	Upper
129	100		
127	62.3	38.3	114.9



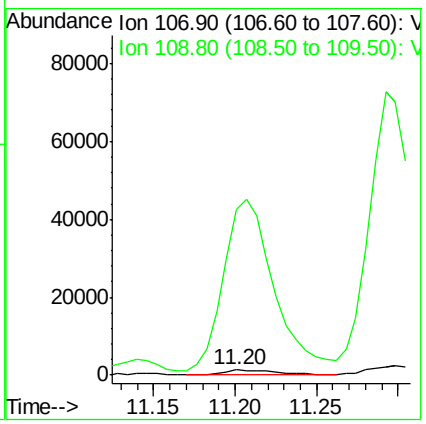


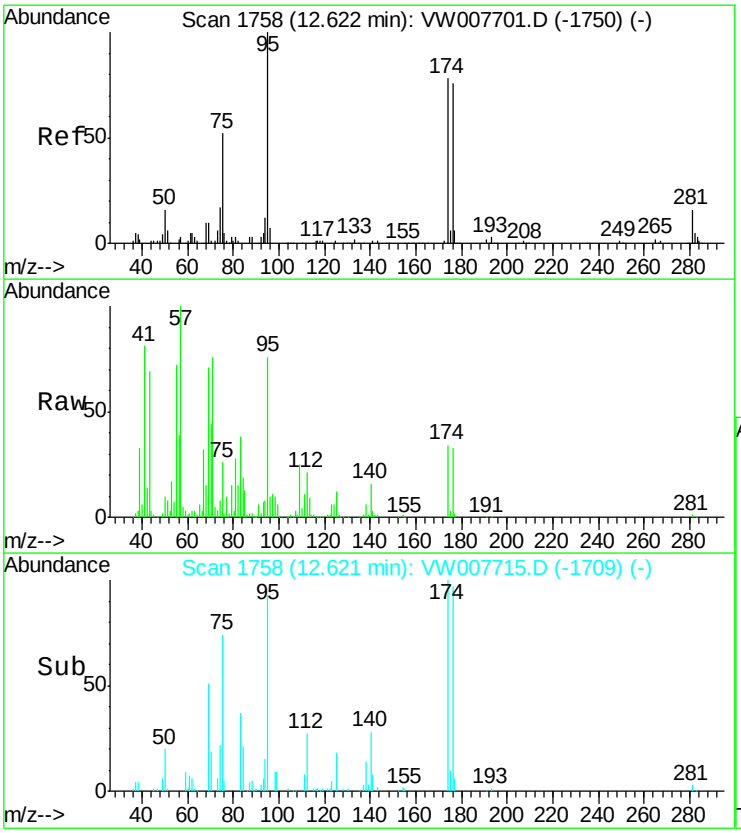
#61
1,2-Dibromoethane
Concen: 5.314 ug/l
RT: 11.20 min Scan# 1525
Delta R.T. -0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:107 Resp: 2907

Ion	Ratio	Lower	Upper
107	100		
109	3281.1	75.4	113.0#

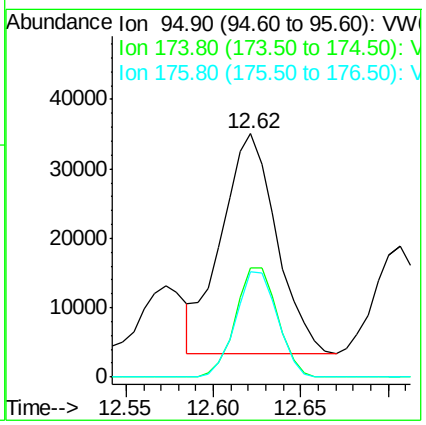


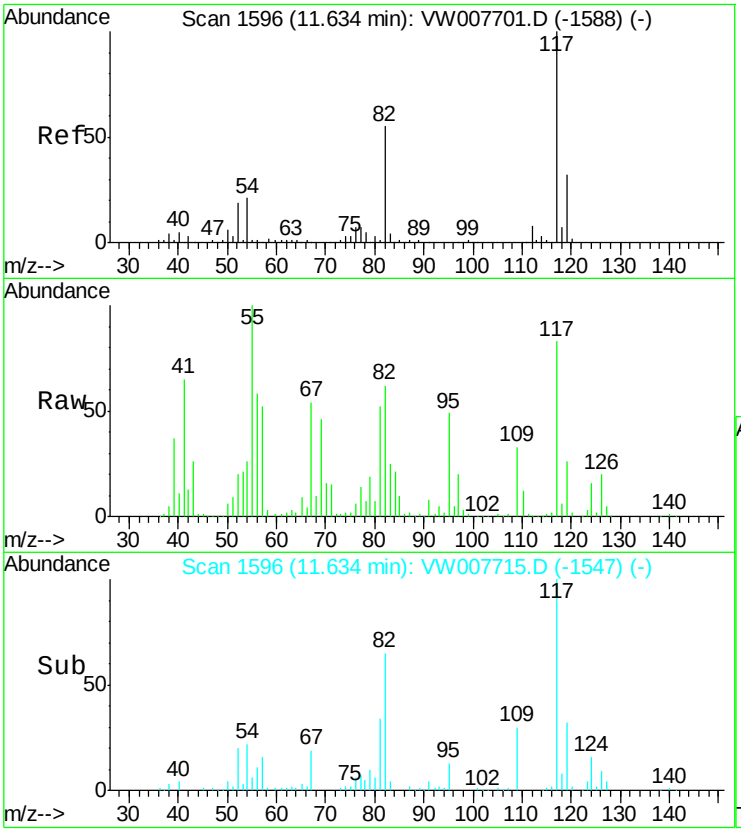


#62
4-Bromofluorobenzene
Concen: 69.948 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 95 Resp: 69227

Ion	Ratio	Lower	Upper
95	100		
174	38.2	0.0	152.2
176	36.5	0.0	146.8



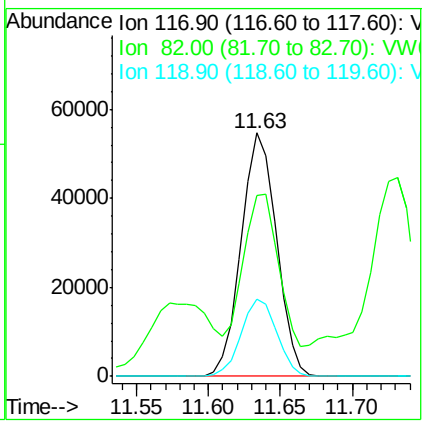


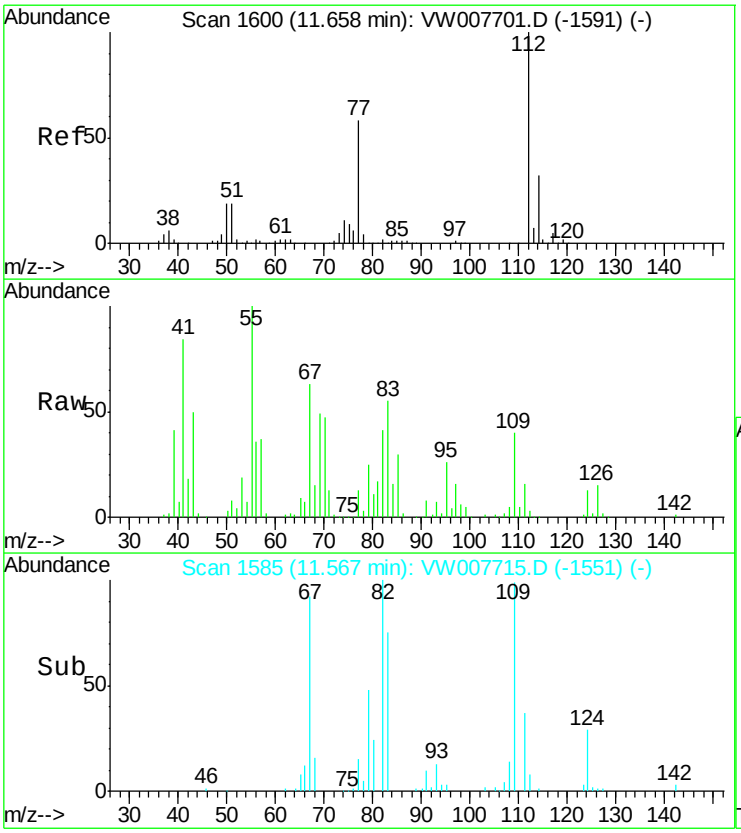
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:117 Resp: 92816

Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.3	66.5
119	31.8	25.7	38.5

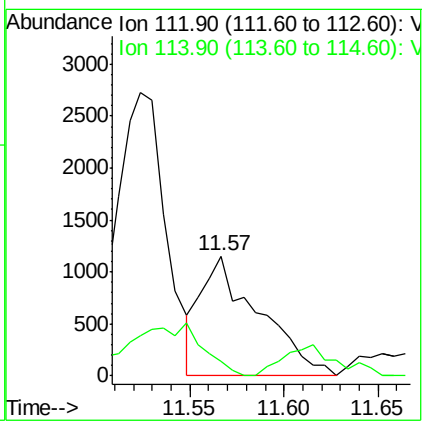


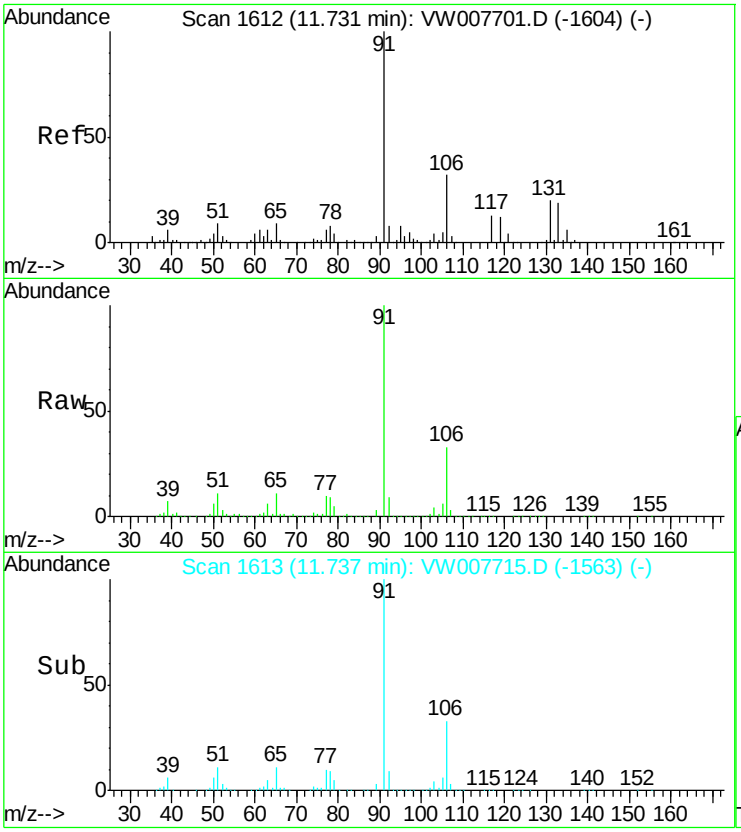


#65
Chlorobenzene
Concen: 1.229 ug/l
RT: 11.57 min Scan# 1585
Delta R.T. -0.09 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:112 Resp: 2469

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.2	37.8#



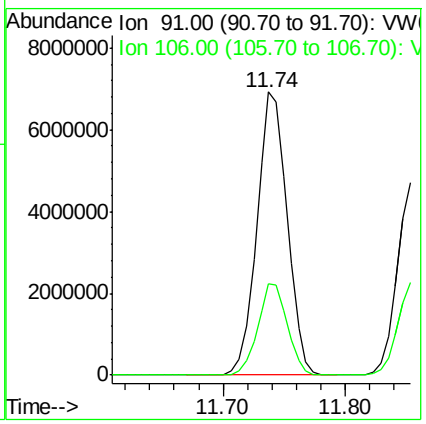


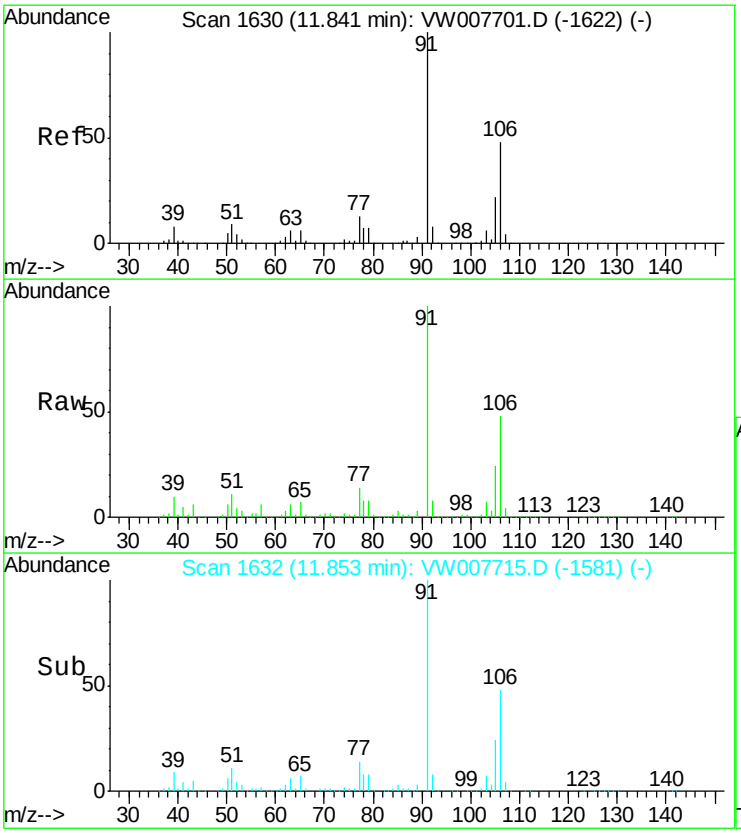
#67
Ethyl Benzene
Concen: 3447.191 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 91 Resp:11883579

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.8	38.8

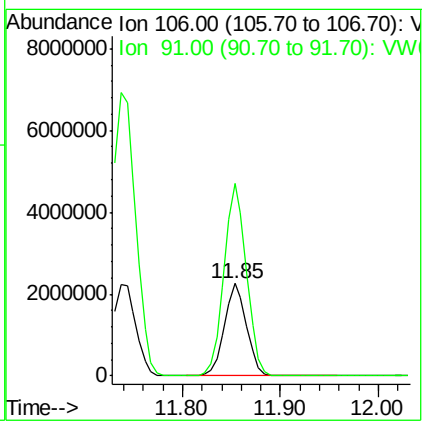


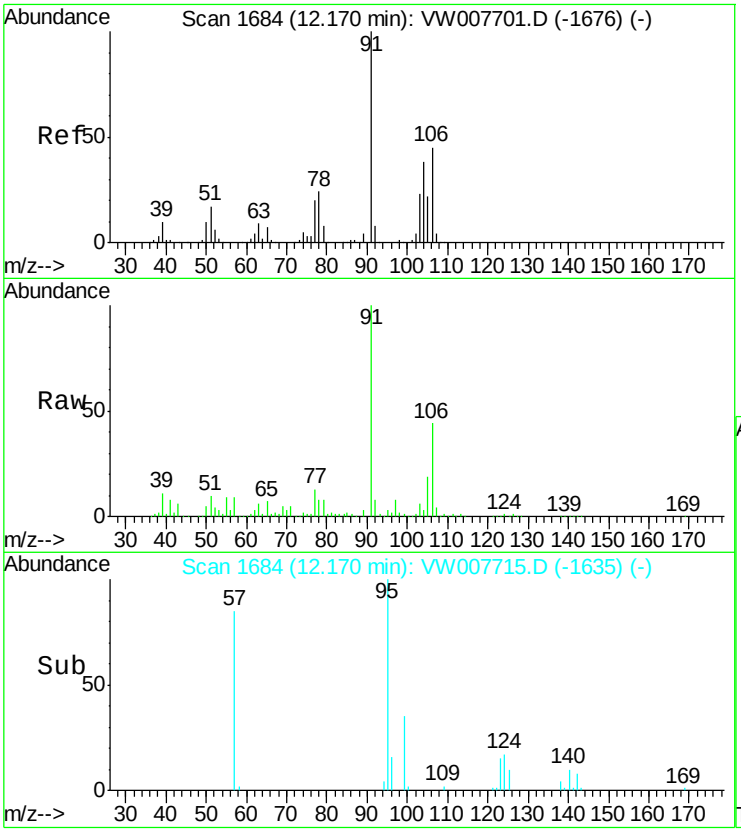


#68
m/p-Xylenes
Concen: 2630.499 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:106 Resp: 3517679

Ion	Ratio	Lower	Upper
106	100		
91	211.1	165.2	247.8



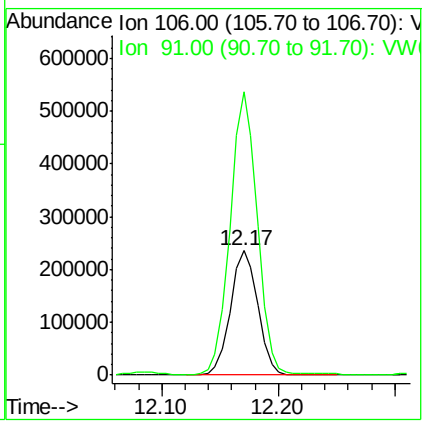


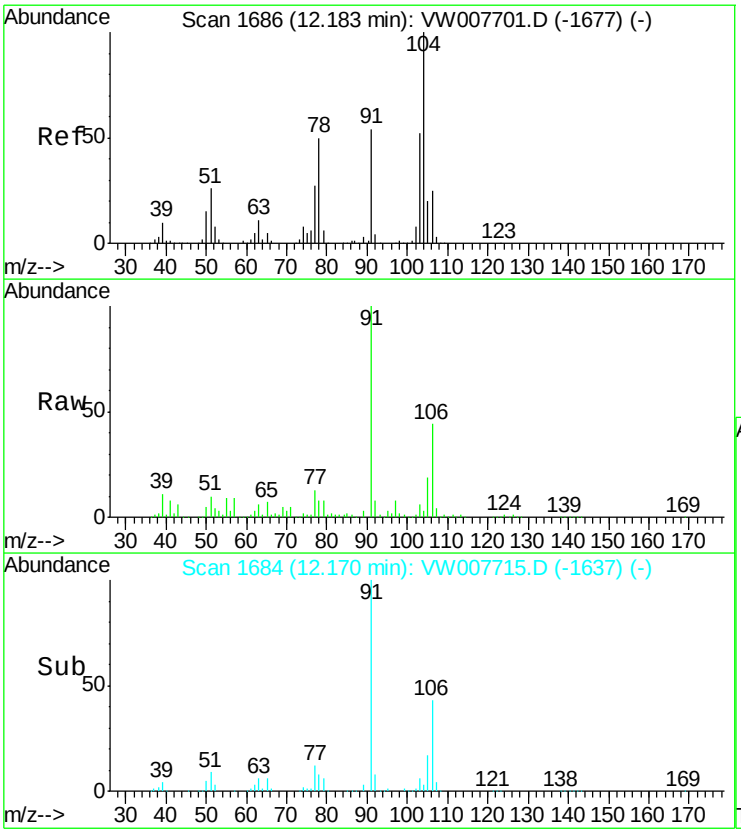
#69
o-Xylene
Concen: 305.285 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion:106 Resp: 382679

Ion	Ratio	Lower	Upper
106	100		
91	224.7	110.5	331.4

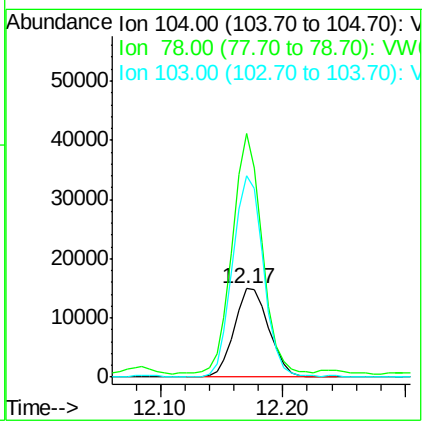


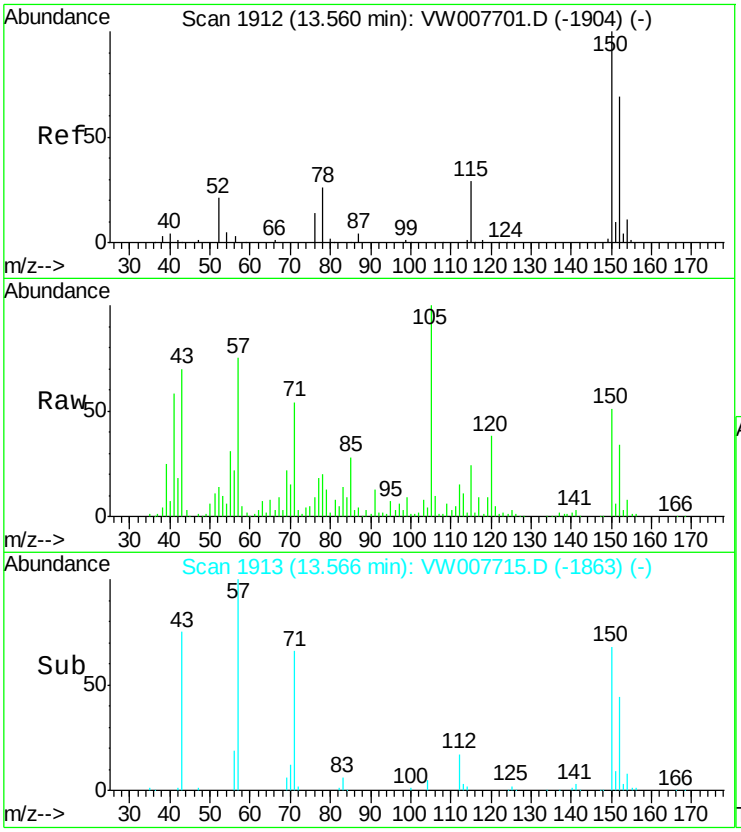


#70
Styrene
Concen: 14.267 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:104 Resp: 29397

Ion	Ratio	Lower	Upper
104	100		
78	231.2	43.4	65.0#
103	203.5	44.5	66.7#



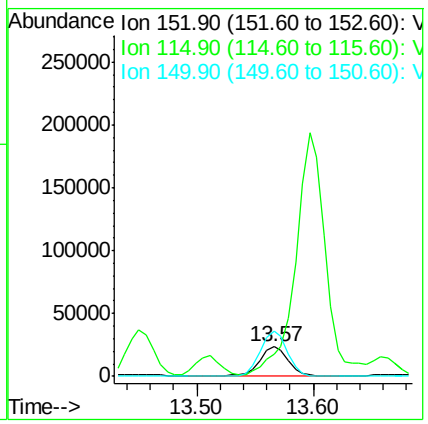


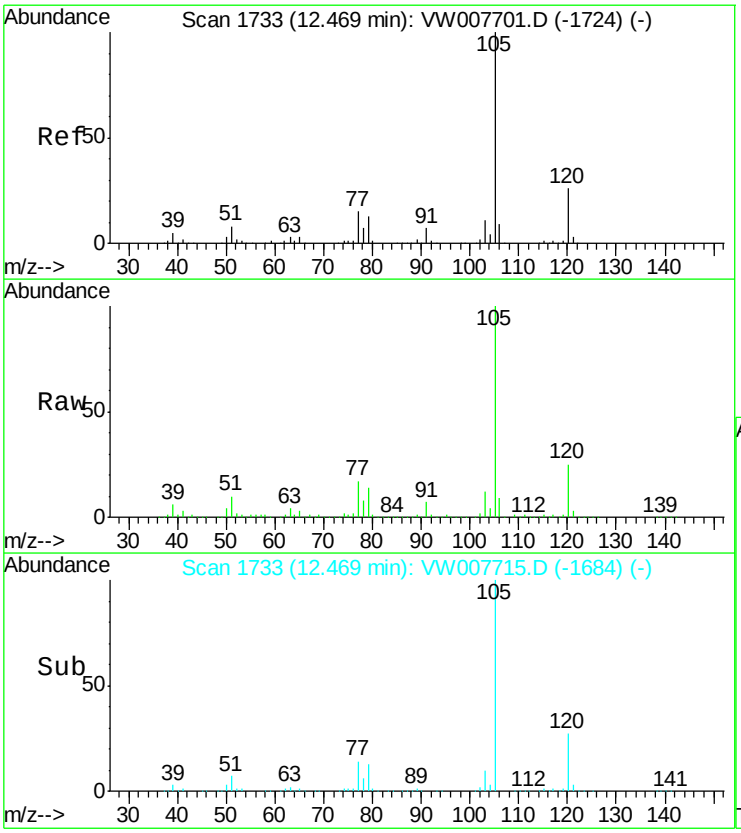
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:152 Resp: 39346

Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.8	95.4#
150	144.6	0.0	350.8

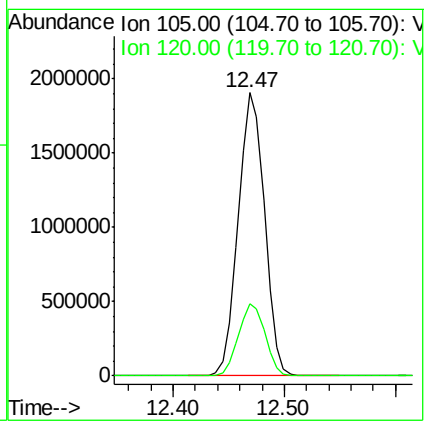


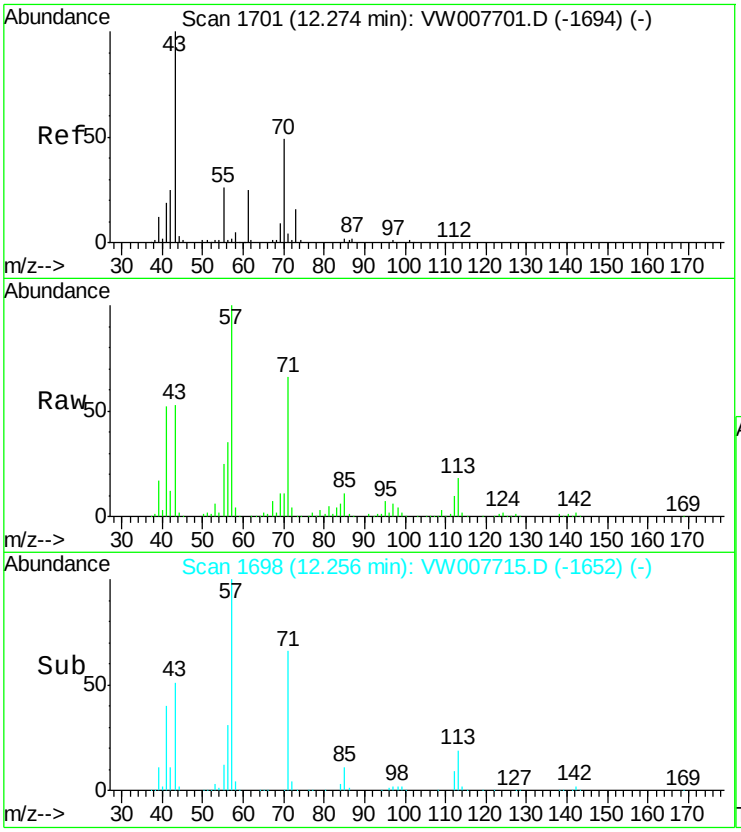


#73
Isopropylbenzene
Concen: 1049.019 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:105 Resp: 3119906

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3



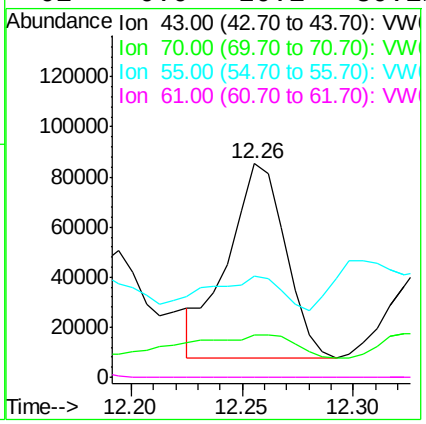


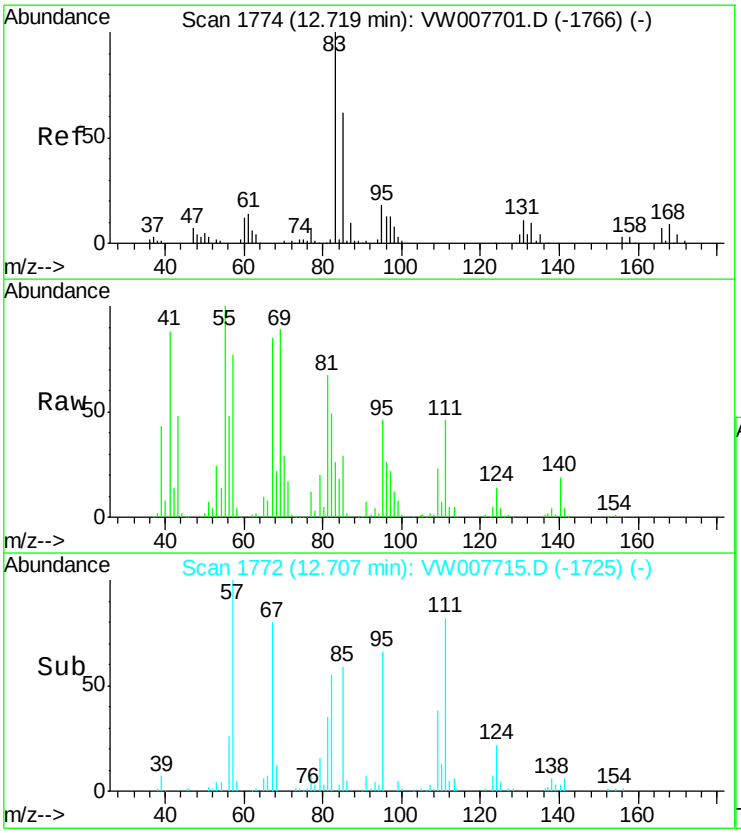
#74
N-amyl acetate
Concen: 271.855 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 43 Resp: 140049

Ion	Ratio	Lower	Upper
43	100		
70	22.4	37.6	56.4#
55	20.9	21.7	32.5#
61	0.0	20.1	30.1#

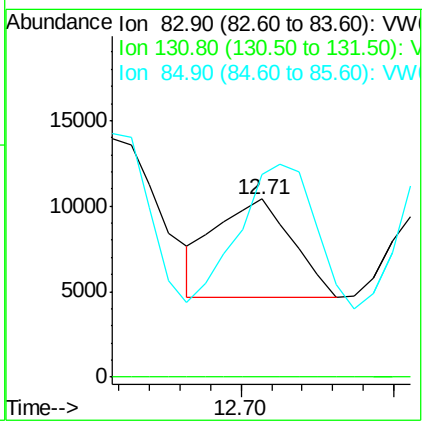


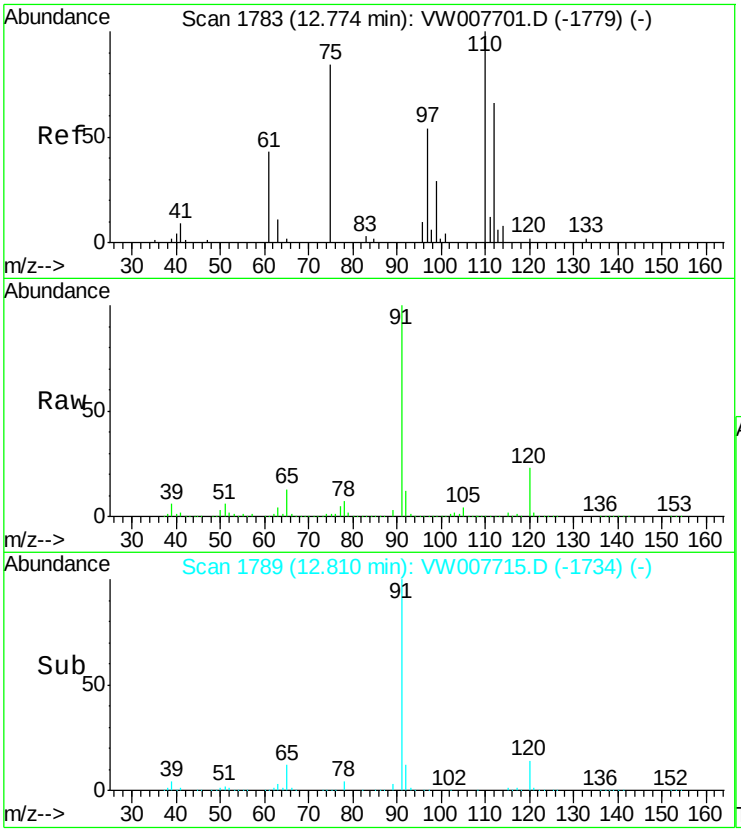


#75
1,1,2,2-Tetrachloroethane
Concen: 22.340 ug/l
RT: 12.71 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 83 Resp: 9962

Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.3	18.8#
85	169.1	32.3	96.8#



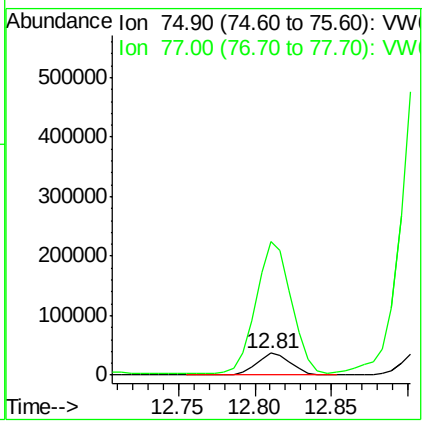


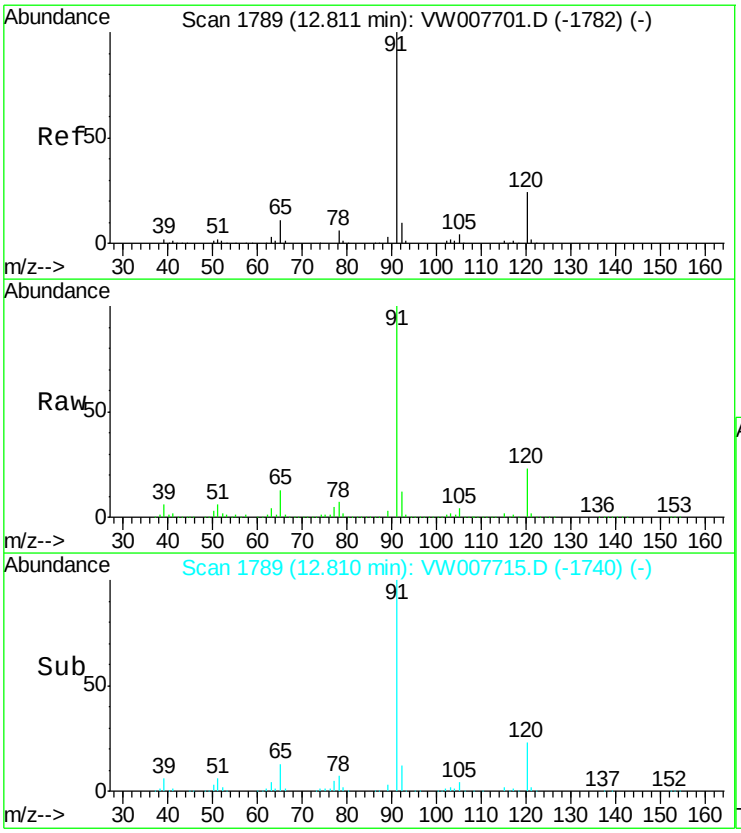
#76
1,2,3-Trichloropropane
Concen: 192.425 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 75 Resp: 58518

Ion	Ratio	Lower	Upper
75	100		
77	614.6	0.0	0.0#

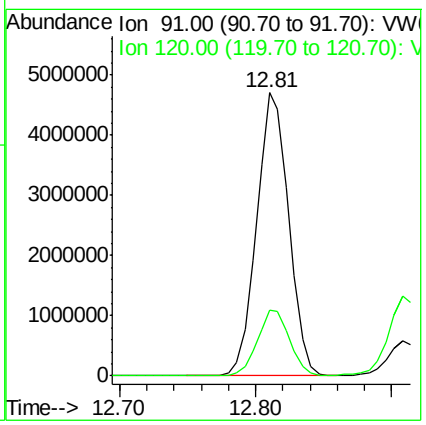


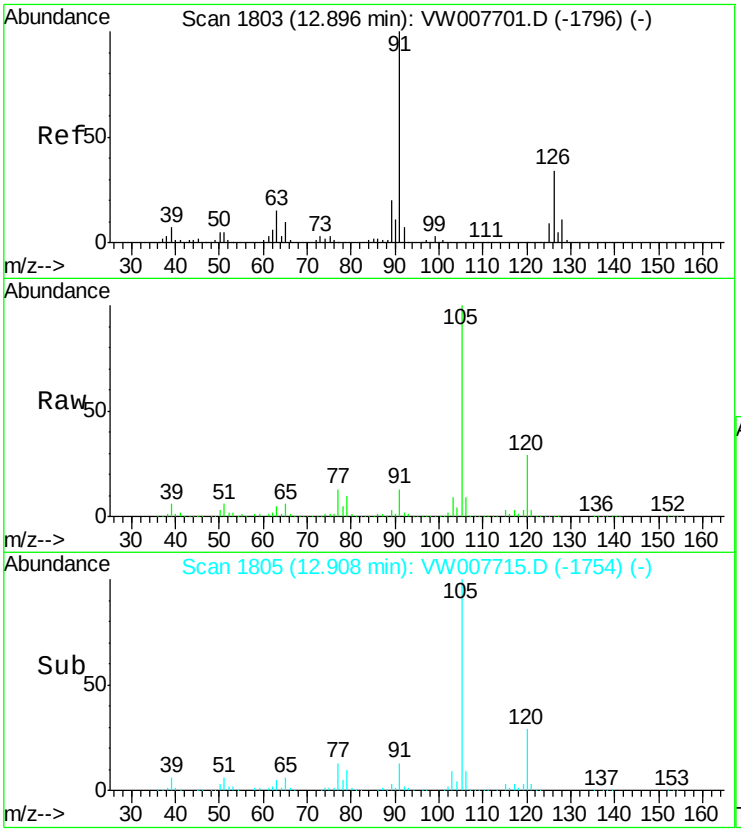


#78
n-propylbenzene
Concen: 2236.823 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 91 Resp: 7744027

Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.7



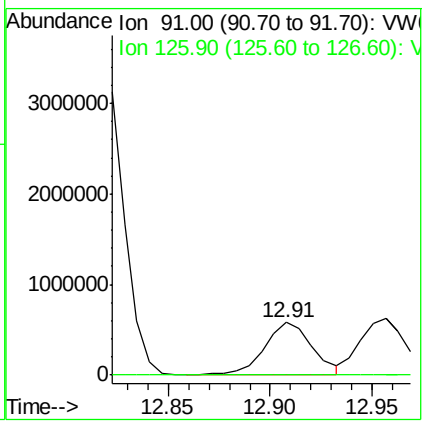


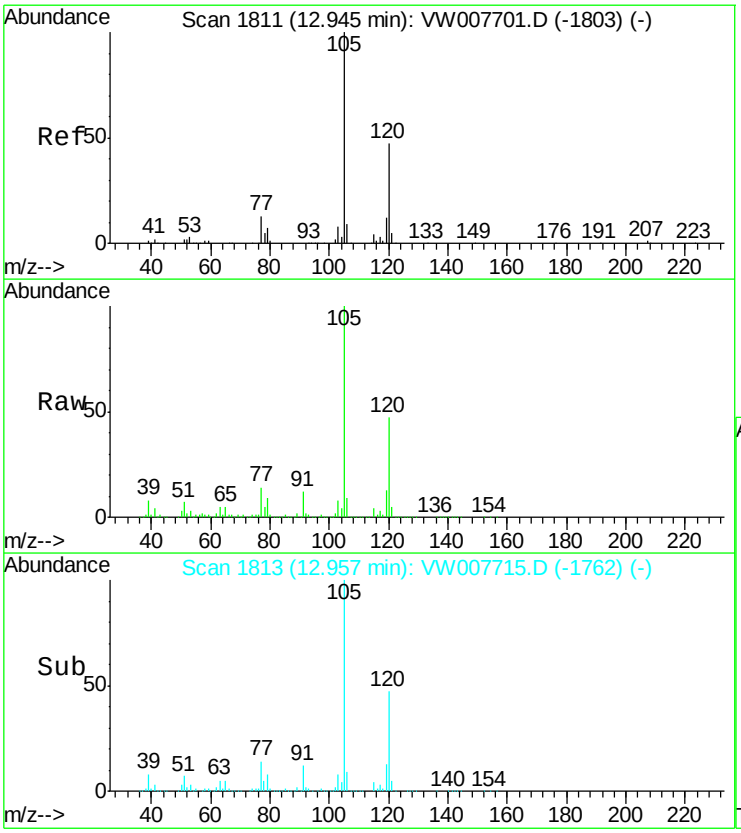
#79
2-Chlorotoluene
Concen: 472.473 ug/l
RT: 12.91 min Scan# 1805
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 91 Resp: 952892

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	51.0#

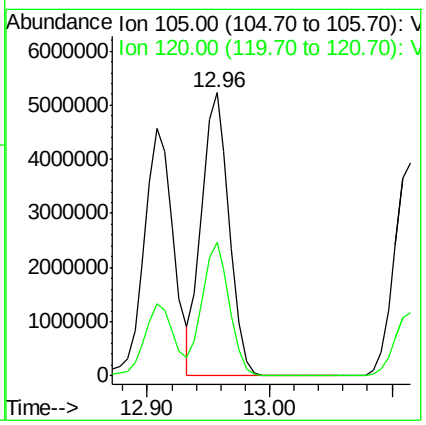


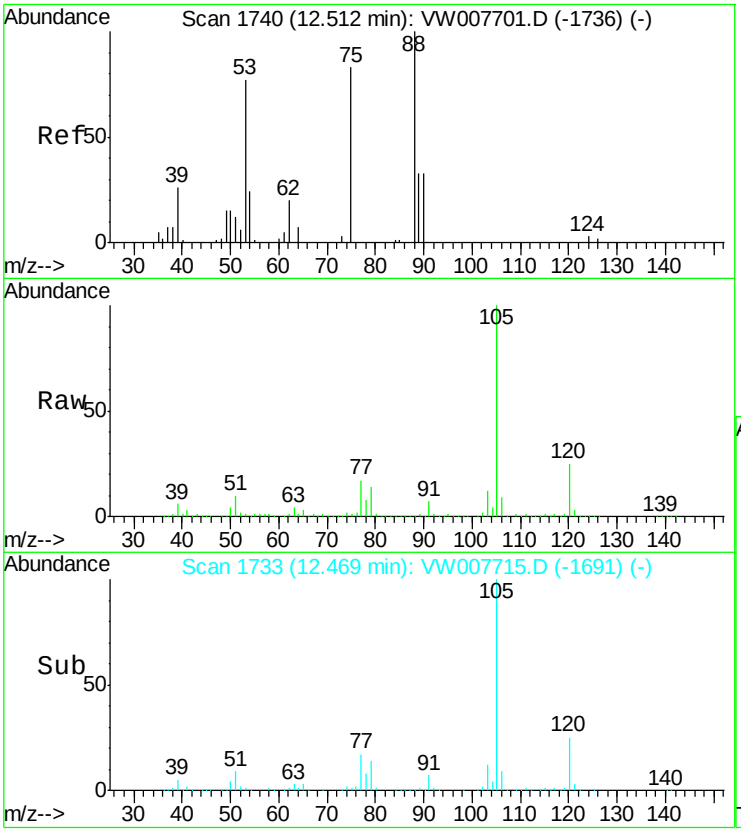


#80
1,3,5-Trimethylbenzene
Concen: 3189.388 ug/l
RT: 12.96 min Scan# 1813
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:105 Resp: 8182029

Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.6	70.8



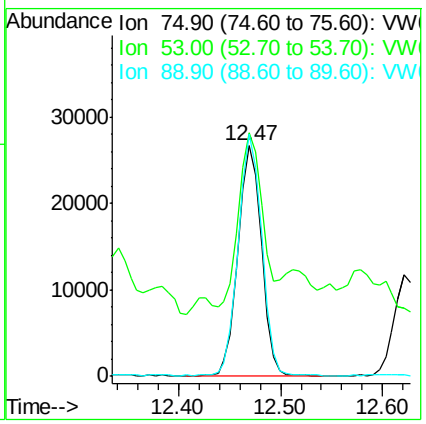


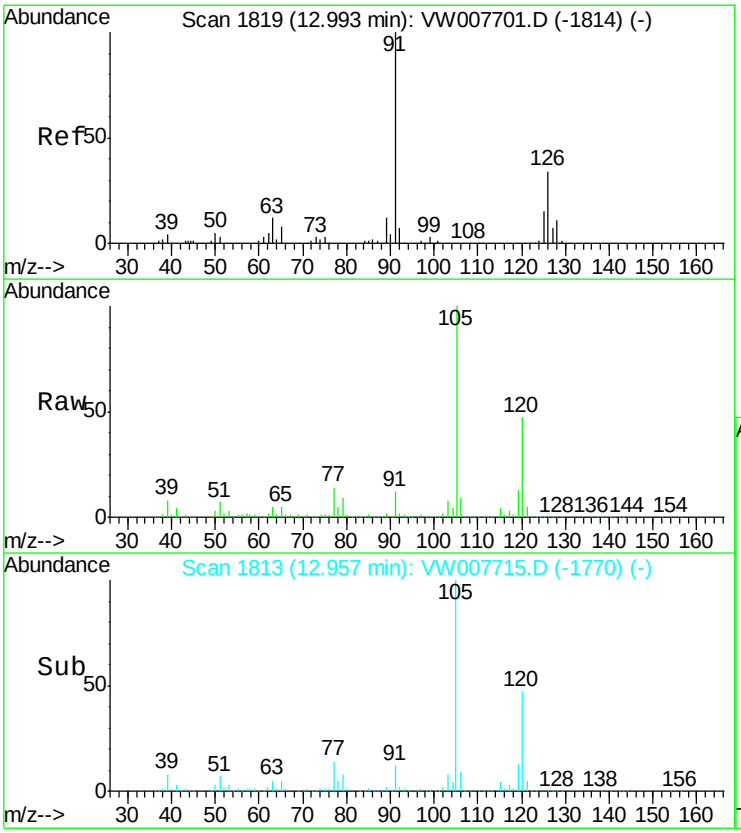
#81
trans-1,4-Dichloro-2-butene
Concen: 295.892 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 75 Resp: 42868

Ion	Ratio	Lower	Upper
75	100		
53	76.7	80.2	120.2#
89	106.0	39.2	58.8#

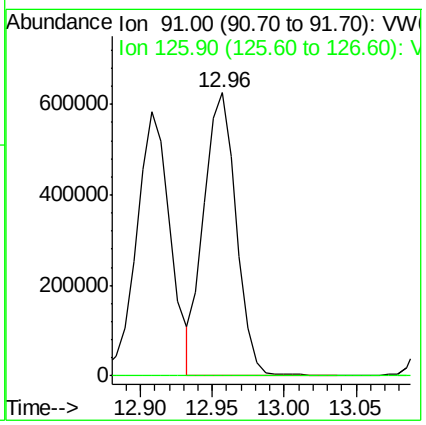


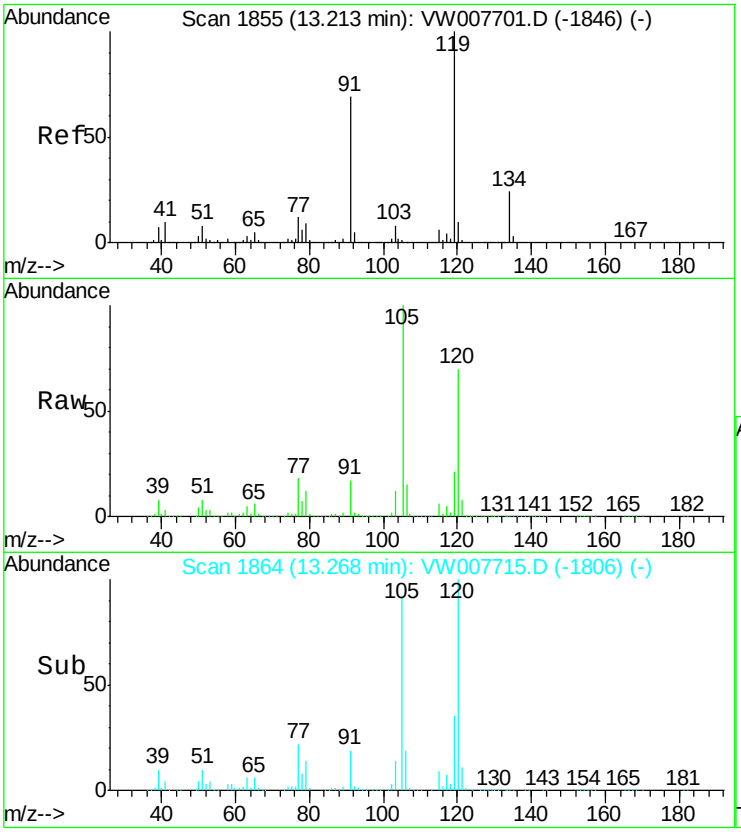


#82
4-Chlorotoluene
Concen: 450.729 ug/l
RT: 12.96 min Scan# 1813
Delta R.T. -0.04 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion: 91 Resp: 967912

Ion	Ratio	Lower	Upper
91	100		
126	0.1	16.5	49.5#



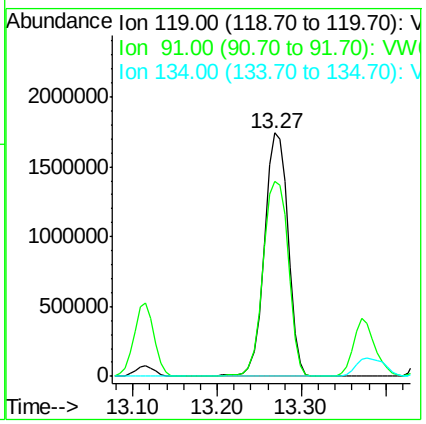


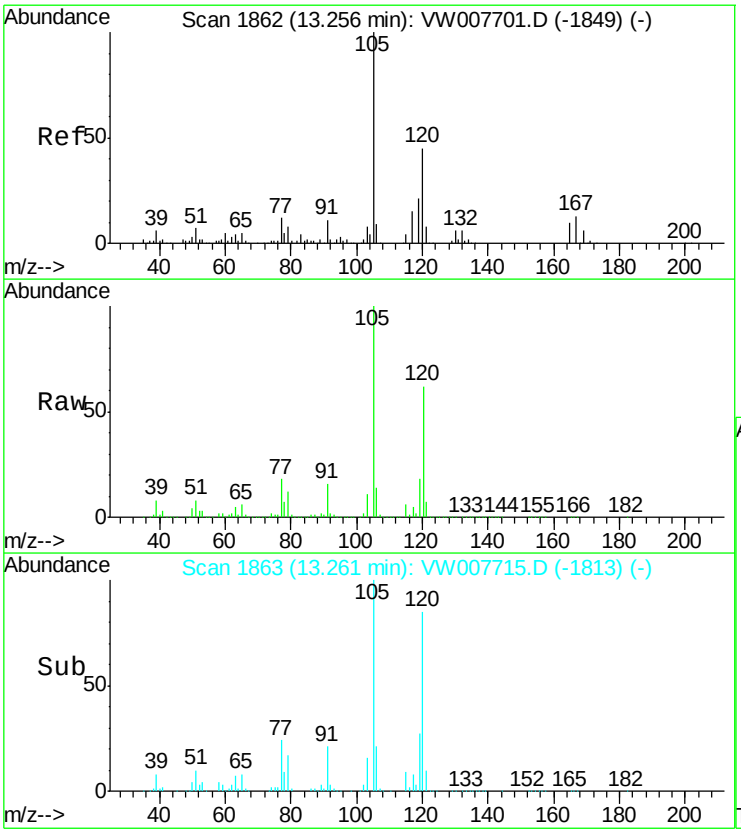
#83
tert-Butylbenzene
Concen: 1501.667 ug/l
RT: 13.27 min Scan# 1864
Delta R.T. 0.05 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:119 Resp: 3380154

Ion	Ratio	Lower	Upper
119	100		
91	86.1	34.2	102.5
134	0.0	12.8	38.4#

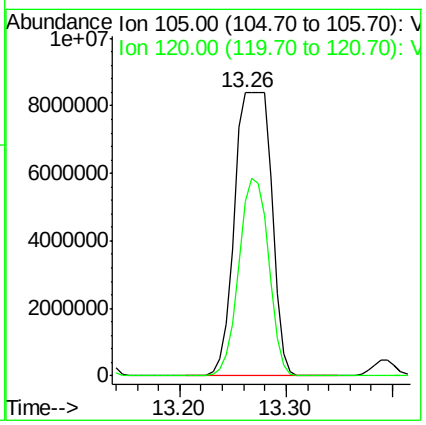


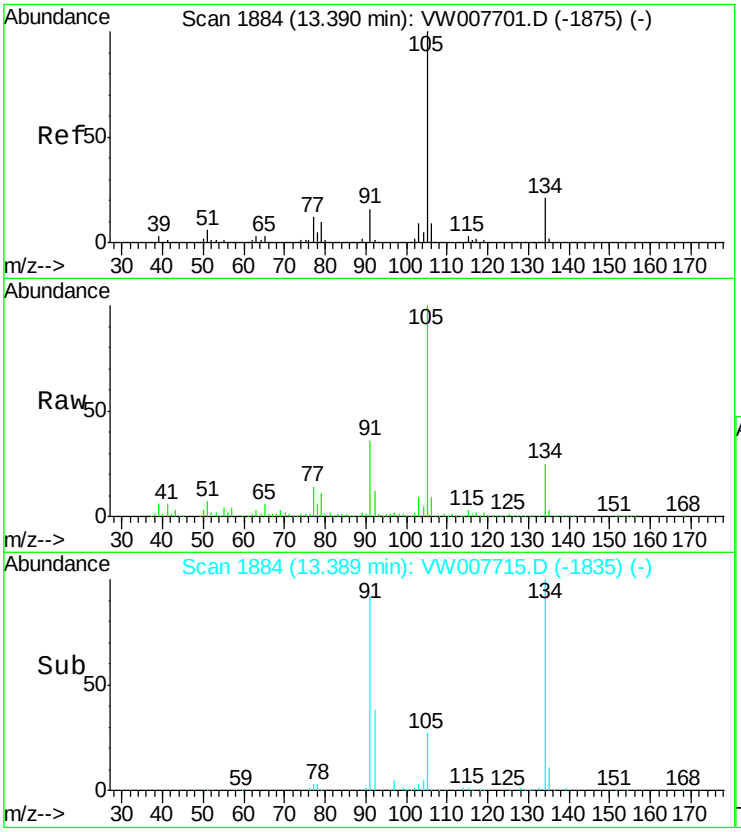


#84
1,2,4-Trimethylbenzene
Concen: 7909.273 ug/l
RT: 13.26 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:105 Resp:20474127

Ion	Ratio	Lower	Upper
105	100		
120	56.3	22.0	66.0



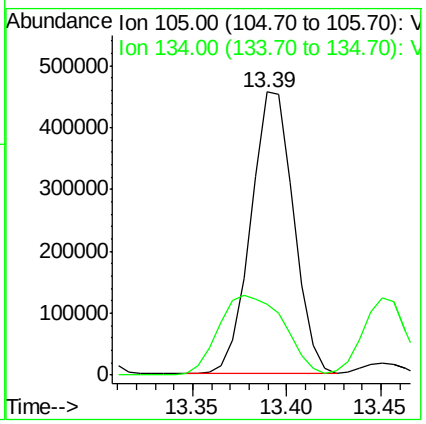


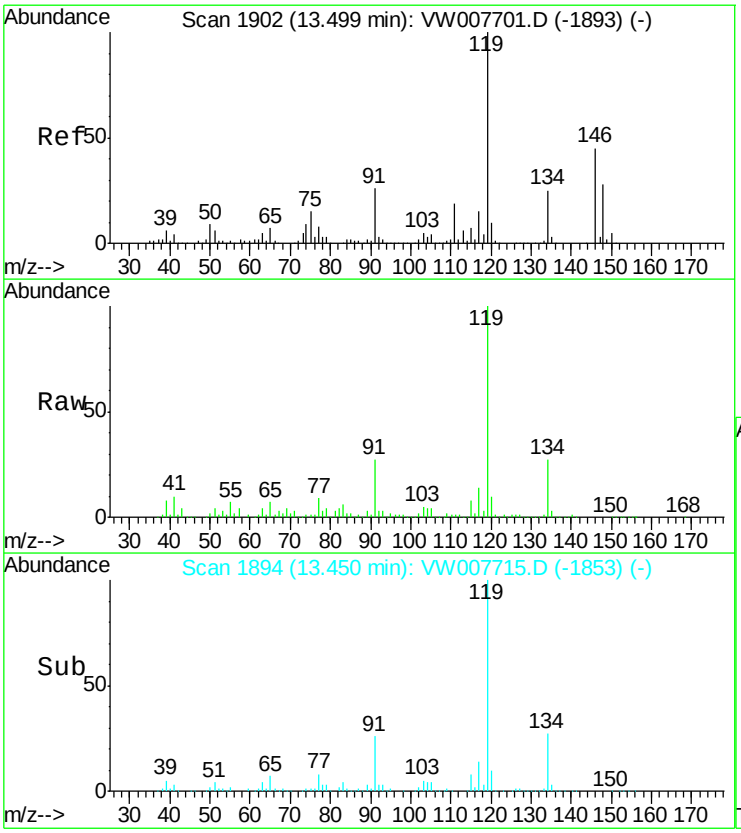
#85
sec-Butylbenzene
Concen: 231.462 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion:105 Resp: 718040

Ion	Ratio	Lower	Upper
105	100		
134	43.4	10.2	30.4#

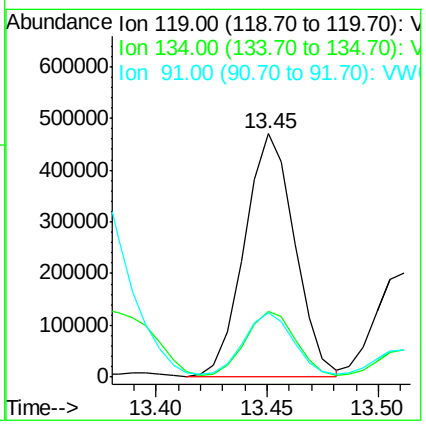


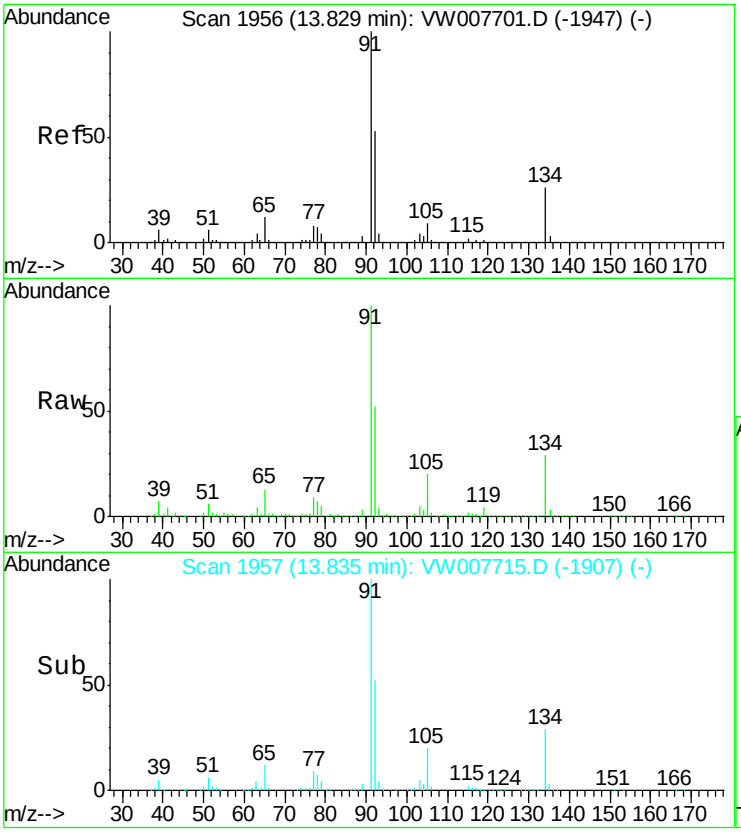


#86
p-Isopropyltoluene
Concen: 260.537 ug/l
RT: 13.45 min Scan# 1894
Delta R.T. -0.05 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:119 Resp: 734941

Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.0	39.0
91	24.7	12.8	38.4



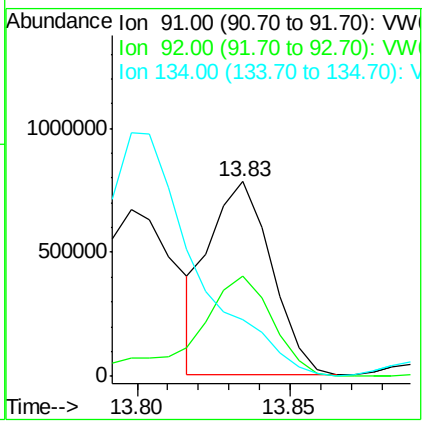


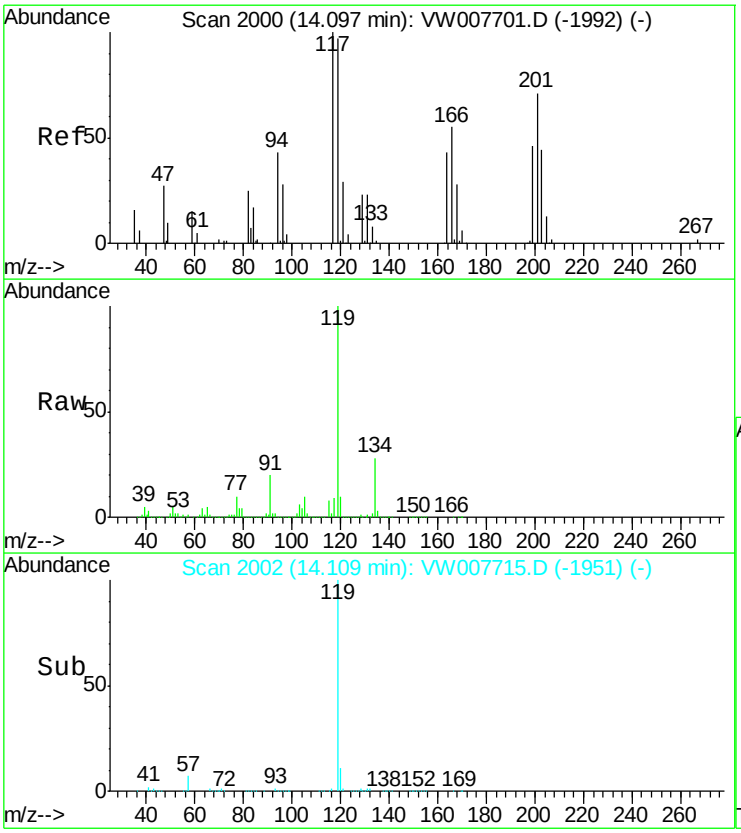
#89
n-Butylbenzene
Concen: 421.939 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(20-22)

Tgt Ion: 91 Resp: 1091296

Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.4	79.2
134	0.0	13.7	41.0#

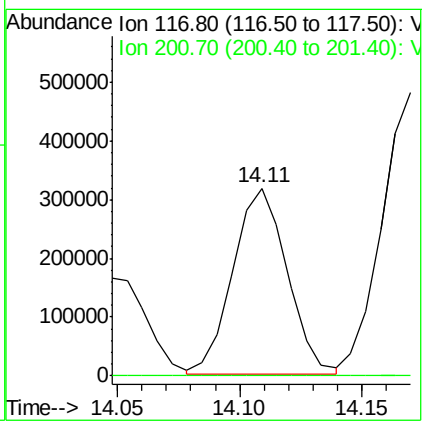


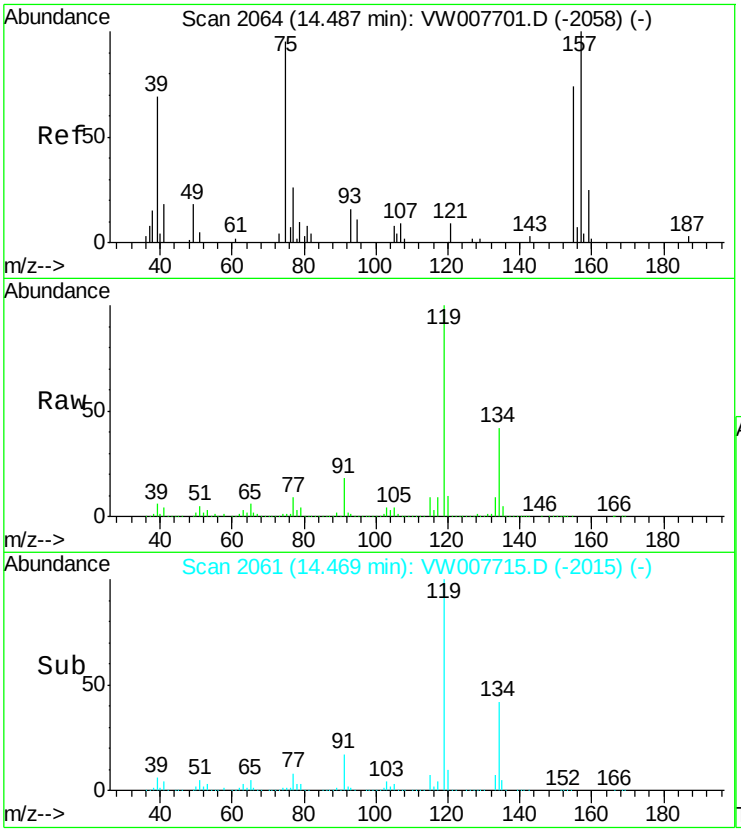


#90
Hexachloroethane
Concen: 984.639 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:117 Resp: 487627

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.2	108.6#



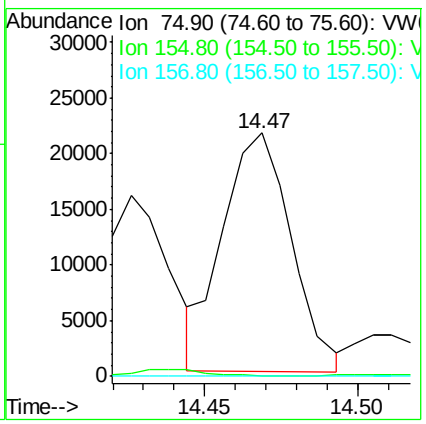


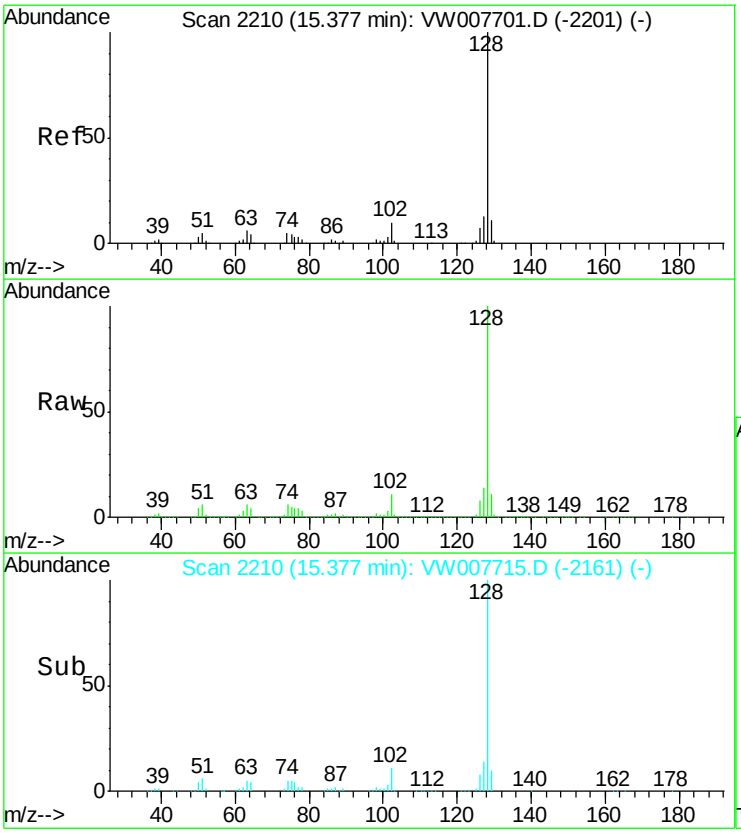
#92
1,2-Dibromo-3-Chloropropane
Concen: 362.431 ug/l
RT: 14.47 min Scan# 2061
Delta R.T. -0.02 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(20-22)

Tgt Ion: 75 Resp: 33190

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.4	118.1#
157	0.0	52.0	156.0#





#95
Naphthalene
Concen: 3541.647 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007715.D
Acq: 19 Dec 2018 22:11

Tgt Ion:128 Resp: 5507250

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.2	8.8	13.2