Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007716.D
Acq On : 19 Dec 2018 22:37
Operator : SY/AP
Sample : J6392-07
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Quant Time: Dec 20 06:52:06 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	81134	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	135450	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	112747	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	53183	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	37137	41.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 83.52%				
35) Dibromofluoromethane	7.88	113	33680	40.76	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.52%				
50) Toluene-d8	10.32	98	187496	60.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 120.38%				
62) 4-Bromofluorobenzene	12.62	95	94979	78.92	ug/l		0.00
Spiked Amount 50.000			Recovery = 157.84%				
Target Compounds							Qvalue
3) Chloromethane	2.32	50	1660	3.748	ug/l	#	75
11) Tert butyl alcohol	5.17	59	4760	79.349	ug/l	#	73
13) Acrolein	3.84	56	224	4.670	ug/l	#	1
14) Allyl chloride	4.76	41	2656	2.530	ug/l	#	66
15) Acrylonitrile	5.43	53	22025	143.616	ug/l	#	39
16) Acetone	4.12	43	31102	186.773	ug/l	#	83
17) Carbon Disulfide	4.37	76	4430	1.788	ug/l		97
19) Methyl tert-butyl Ether	5.43	73	53409	46.475	ug/l	#	1
20) Methylene Chloride	4.91	84	2265	Below Cal		#	1
23) Vinyl Acetate	6.29	43	4755	4.072	ug/l	#	69
24) 1,1-Dichloroethane	6.28	63	2016	1.394	ug/l	#	81
25) 2-Butanone	7.17	43	18329	93.972	ug/l	#	51
26) 2,2-Dichloropropane	6.98	77	5574	5.268	ug/l	#	53
29) Tetrahydrofuran	7.53	42	1371	11.784	ug/l	#	27
30) Chloroform	7.63	83	48656	29.733	ug/l	#	18
31) Cyclohexane	7.93	56	519354	392.328	ug/l	#	50
37) Ethyl Acetate	7.17	43	18329	40.625	ug/l	#	68
38) Carbon Tetrachloride	7.95	117	8807	5.720	ug/l	#	14
39) Methylcyclohexane	9.34	83	1283373	790.009	ug/l	#	89
40) Benzene	8.32	78	613723	175.922	ug/l		99
41) Methacrylonitrile	7.52	41	9237	36.060	ug/l	#	49
42) 1,2-Dichloroethane	8.44	62	2207	1.888	ug/l	#	1
43) Isopropyl Acetate	8.43	43	153753	170.096	ug/l	#	49
45) 1,2-Dichloropropane	9.34	63	24037	31.052	ug/l	#	1
47) Bromodichloromethane	9.63	83	144174	115.091	ug/l	#	35
48) Methyl methacrylate	9.39	41	635619	1408.749	ug/l	#	28
51) 4-Methyl-2-Pentanone	10.26	43	158406	370.810	ug/l	#	73
52) Toluene	10.39	92	51640	22.063	ug/l		96
55) 1,1,2-Trichloroethane	10.77	97	592224	901.534	ug/l	#	23
56) Ethyl methacrylate	10.69	69	89246	114.987	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.91	63	9865	27.839	ug/l	#	42
59) 2-Hexanone	10.94	43	347868	1157.903	ug/l	#	30
60) Dibromochloromethane	11.04	129	3002	3.451	ug/l		76
61) 1,2-Dibromoethane	11.21	107	3796	5.706	ug/l	#	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007716.D
Acq On : 19 Dec 2018 22:37
Operator : SY/AP
Sample : J6392-07
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Quant Time: Dec 20 06:52:06 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)
65) Chlorobenzene	11.57	112	2789	1.143	ug/l	#	43
67) Ethyl Benzene	11.74	91	15847316	3784.353	ug/l		94
68) m/p-Xylenes	11.85	106	4122163	2537.611	ug/l		97
69) o-Xylene	12.17	106	329406	216.331	ug/l		98
70) Styrene	12.18	104	31180	12.457	ug/l	#	1
73) Isopropylbenzene	12.47	105	4874152	1212.463	ug/l		99
74) N-amyl acetate	12.26	43	179233	257.397	ug/l	#	70
75) 1,1,2,2-Tetrachloroethane	12.70	83	12722	21.107	ug/l	#	9
76) 1,2,3-Trichloropropane	12.82	75	93090	226.466	ug/l	#	100
77) Bromobenzene	12.94	156	67447	73.209	ug/l	#	1
78) n-propylbenzene	12.82	91	12262198	2620.359	ug/l		100
79) 2-Chlorotoluene	12.91	91	1417522	519.985	ug/l	#	41
80) 1,3,5-Trimethylbenzene	12.96	105	13223077	3813.350	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.47	75	65848	336.256	ug/l	#	55
82) 4-Chlorotoluene	12.96	91	1586120	546.441	ug/l	#	42
83) tert-Butylbenzene	13.27	119	4666096	1533.623	ug/l	#	74
84) 1,2,4-Trimethylbenzene	13.12	105	10417510	2977.302	ug/l		79
85) sec-Butylbenzene	13.40	105	1321078	315.056	ug/l	#	50
86) p-Isopropyltoluene	13.51	119	583949	153.151	ug/l		99
89) n-Butylbenzene	13.83	91	1925137	550.676	ug/l	#	66
90) Hexachloroethane	14.11	117	855810	1278.482	ug/l	#	13
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7799	63.006	ug/l	#	5
95) Naphthalene	15.38	128	6946164	3304.785	ug/l		99

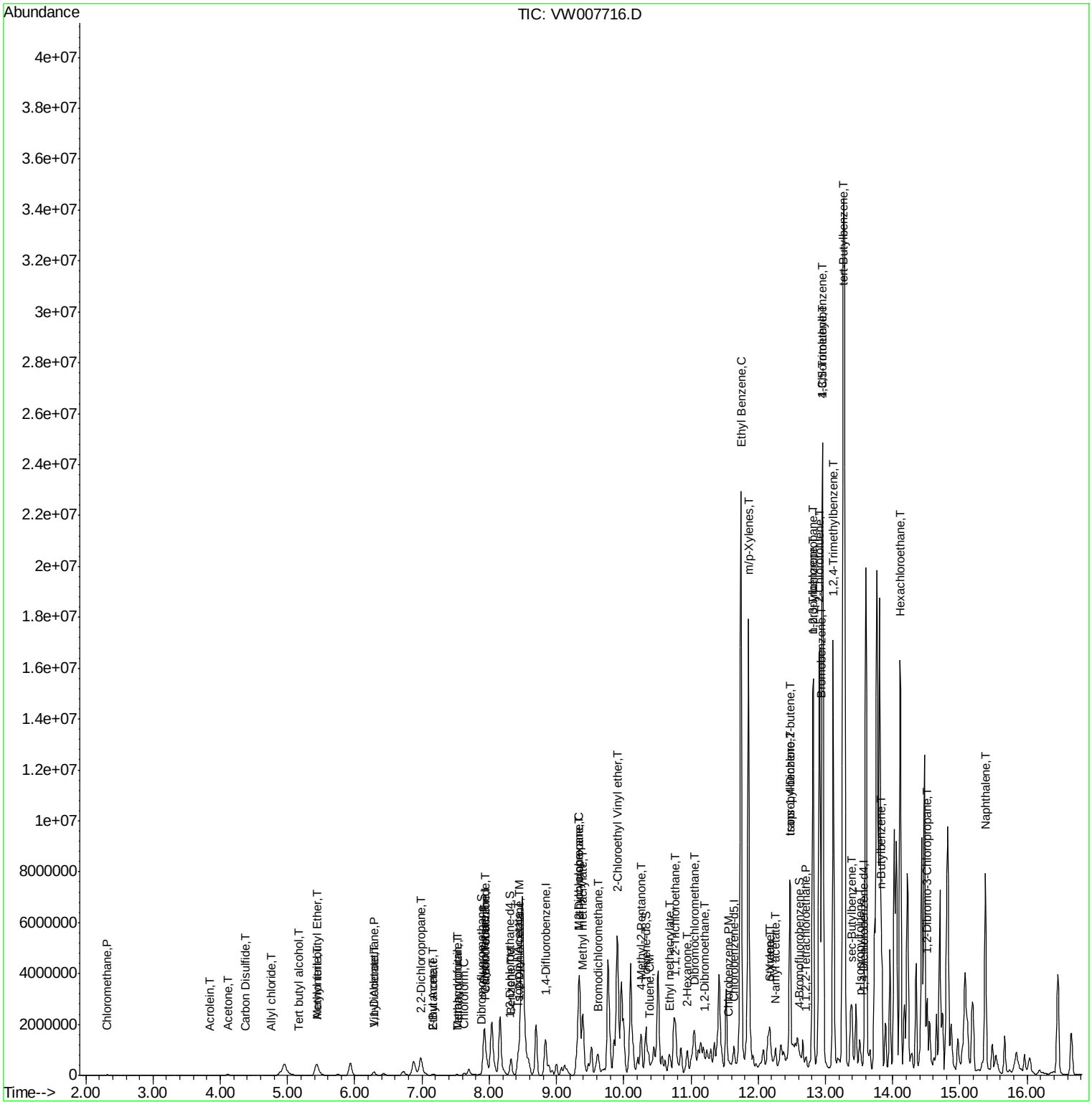
(#) = qualifier out of range (m) = manual integration (+) = signals summed

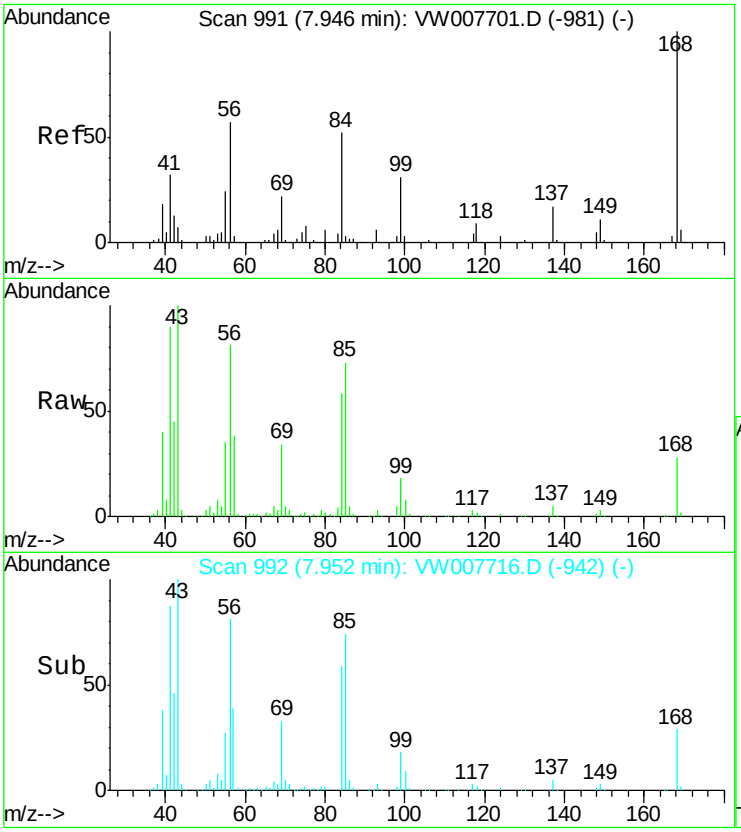
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122118\
Data File : VW007716.D
Acq On : 19 Dec 2018 22:37
Operator : SY/AP
Sample : J6392-07
Misc : 6.46G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Quant Time: Dec 20 06:52:06 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



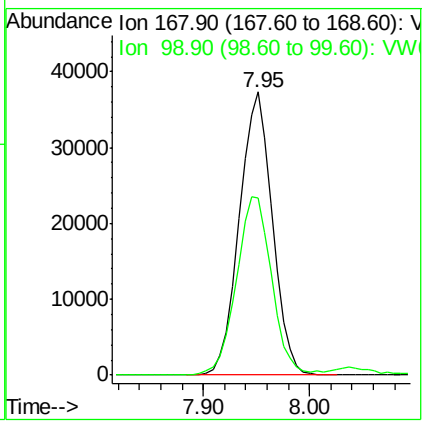


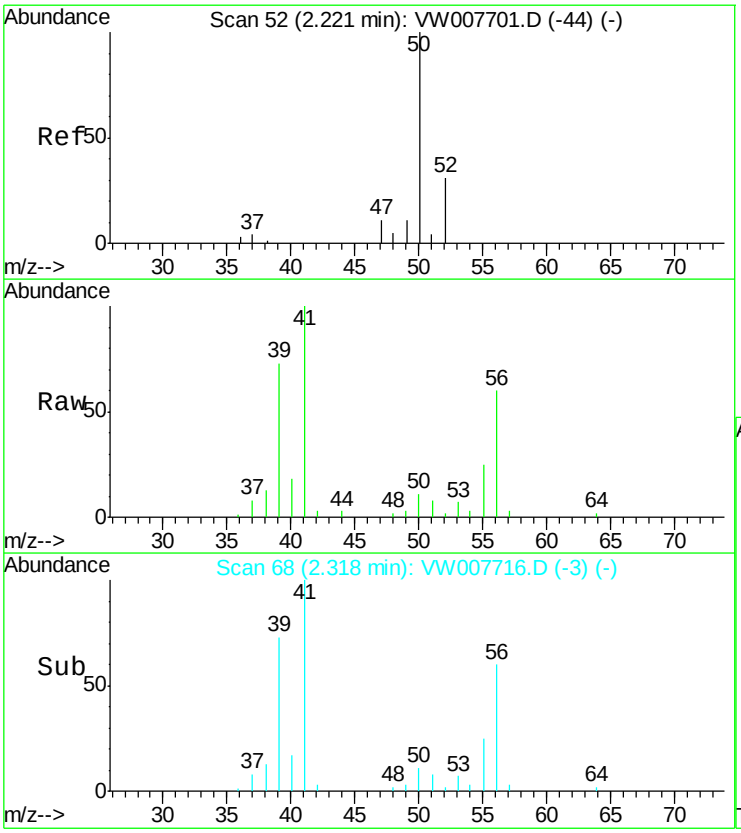
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:168 Resp: 81134

Ion	Ratio	Lower	Upper
168	100		
99	62.5	54.0	81.0

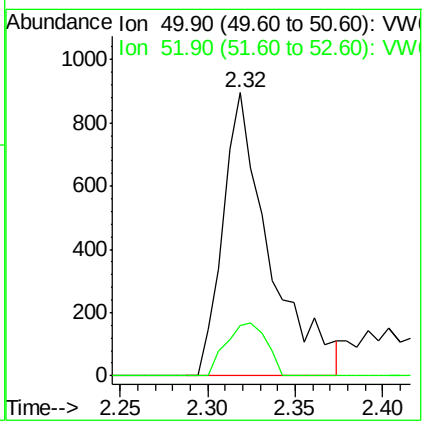


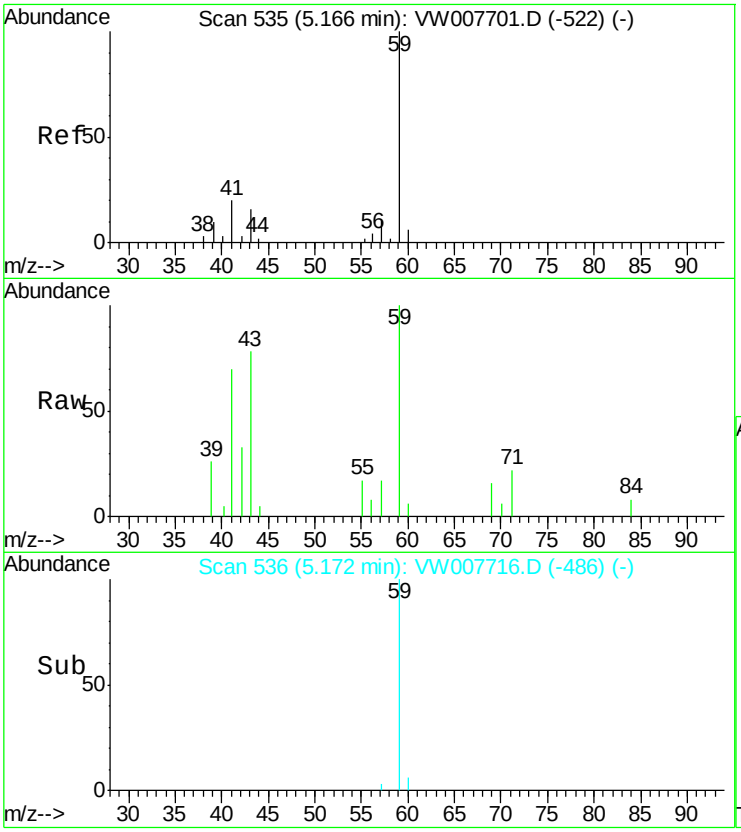


#3
Chloromethane
Concen: 3.748 ug/l
RT: 2.32 min Scan# 68
Delta R.T. 0.10 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 50 Resp: 1660

Ion	Ratio	Lower	Upper
50	100		
52	17.8	25.1	37.7#



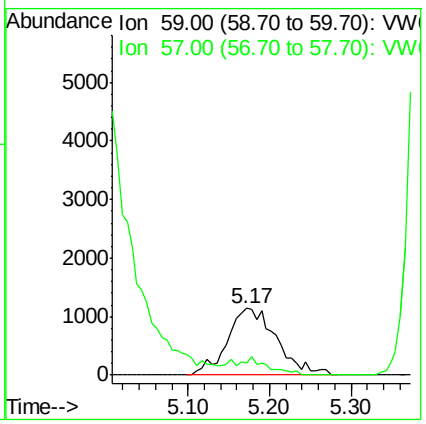


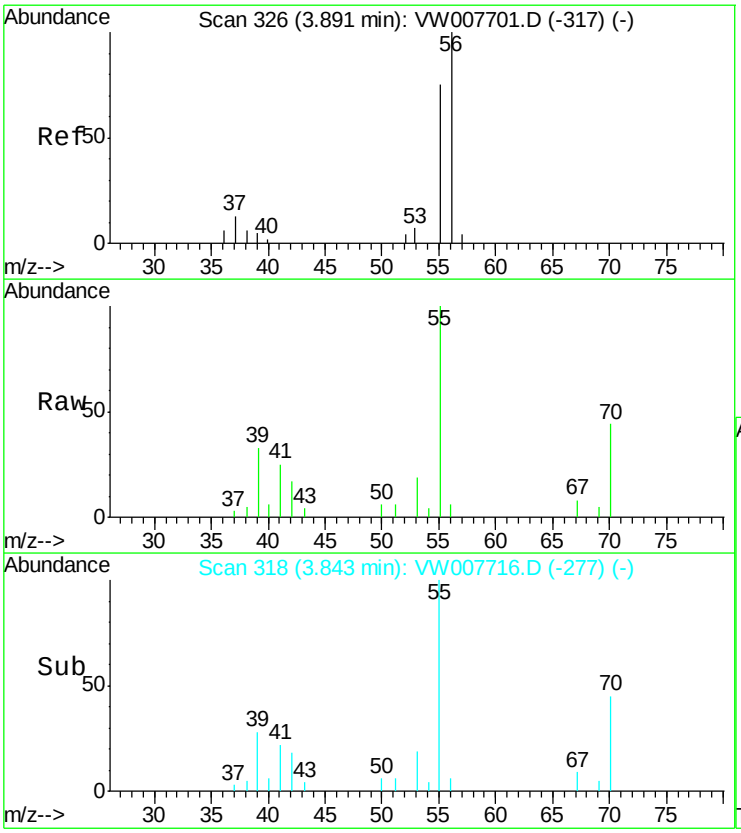
#11
Tert butyl alcohol
Concen: 79.349 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 59 Resp: 4760

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

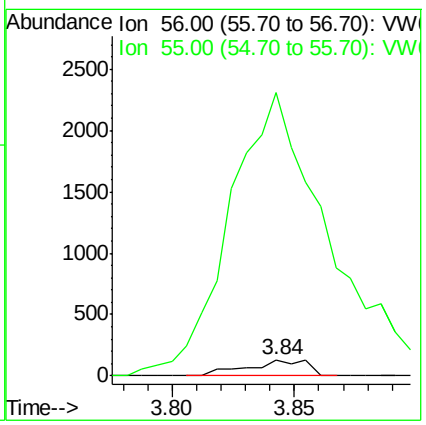


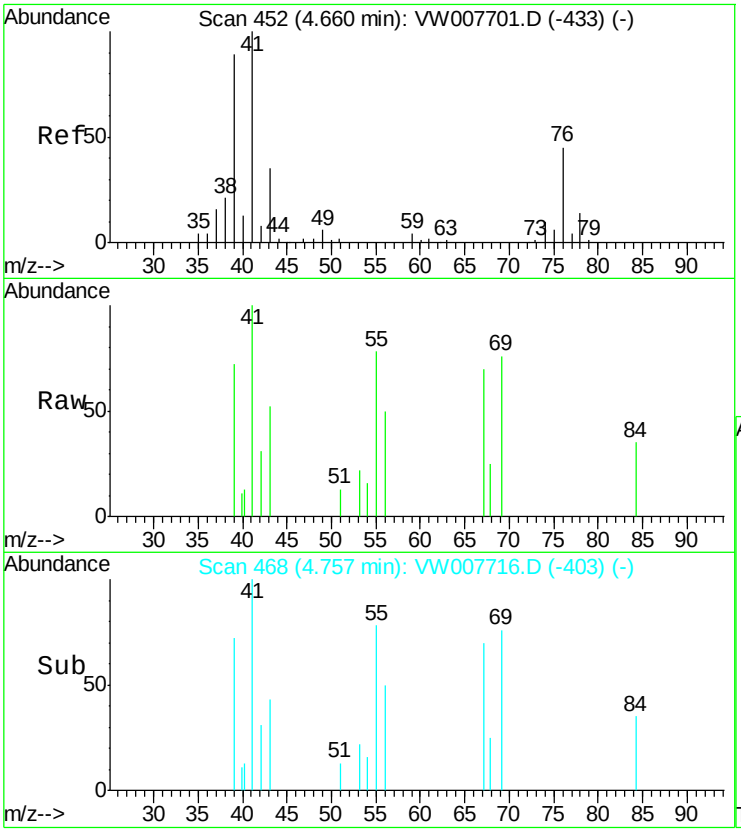


#13
Acrolein
Concen: 4.670 ug/l
RT: 3.84 min Scan# 318
Delta R.T. -0.05 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 56 Resp: 224

Ion	Ratio	Lower	Upper
56	100		
55	3015.2	57.7	86.5#



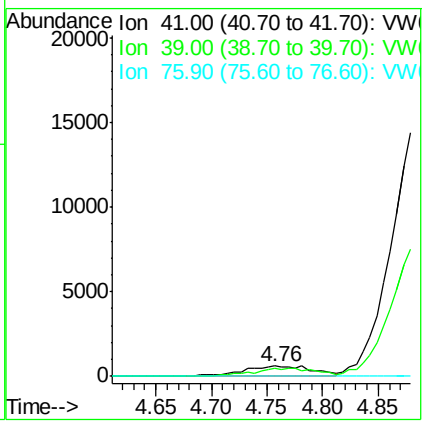


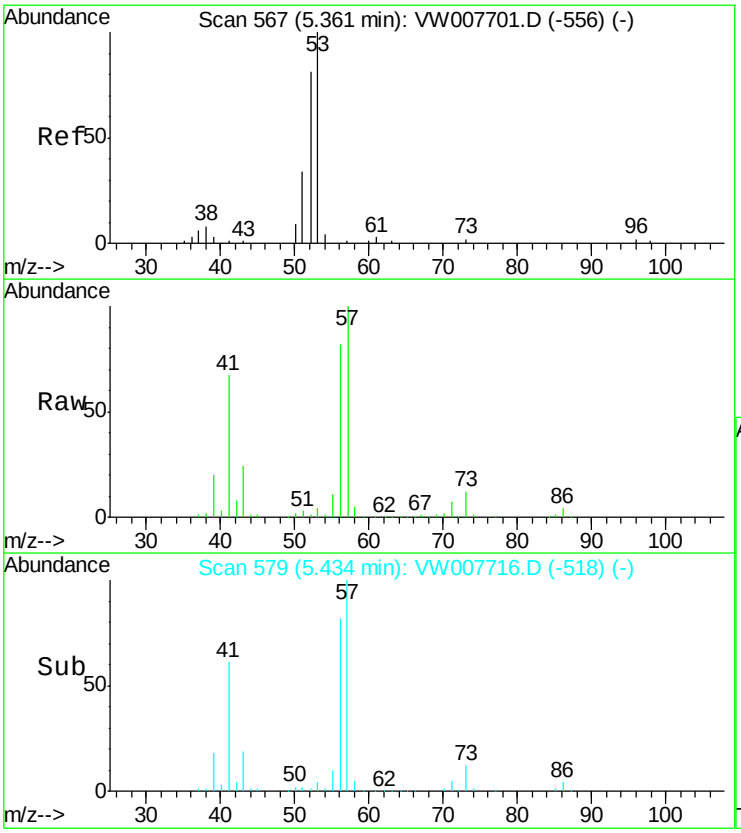
#14
Allyl chloride
Concen: 2.530 ug/l
RT: 4.76 min Scan# 468
Delta R.T. 0.10 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 41 Resp: 2656

Ion	Ratio	Lower	Upper
41	100		
39	71.0	69.5	104.3
76	0.0	34.8	52.2#

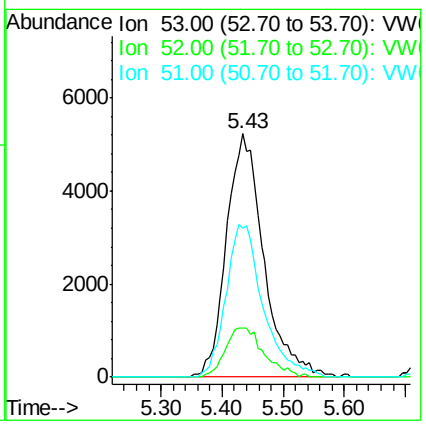


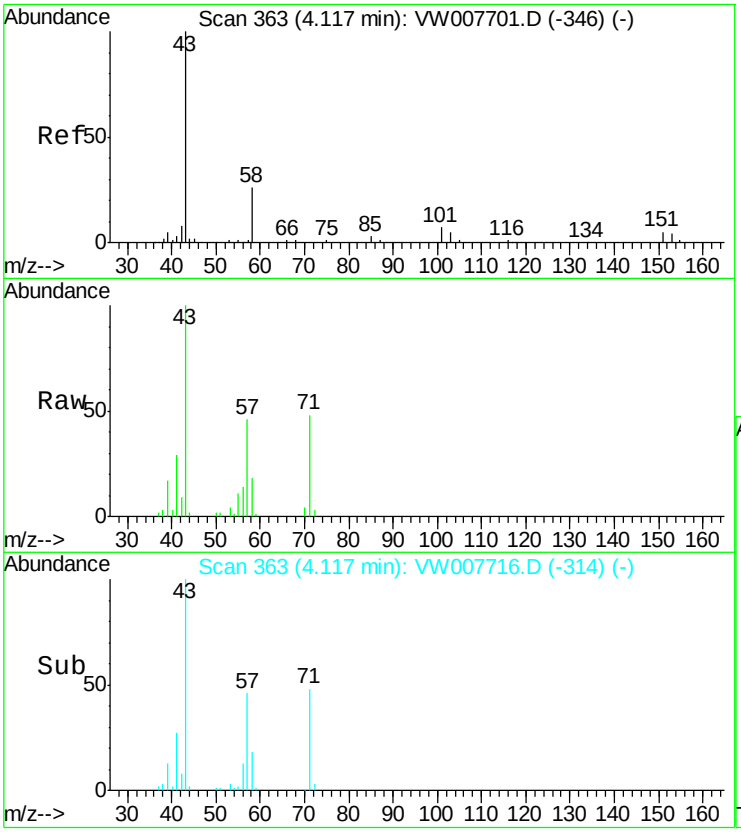


#15
Acrylonitrile
Concen: 143.616 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.07 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 53 Resp: 22025

Ion	Ratio	Lower	Upper
53	100		
52	20.7	67.0	100.4#
51	62.4	30.2	45.2#



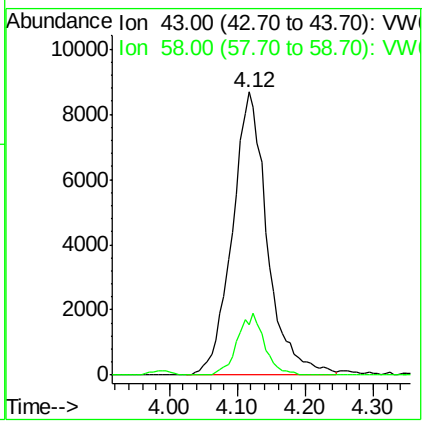


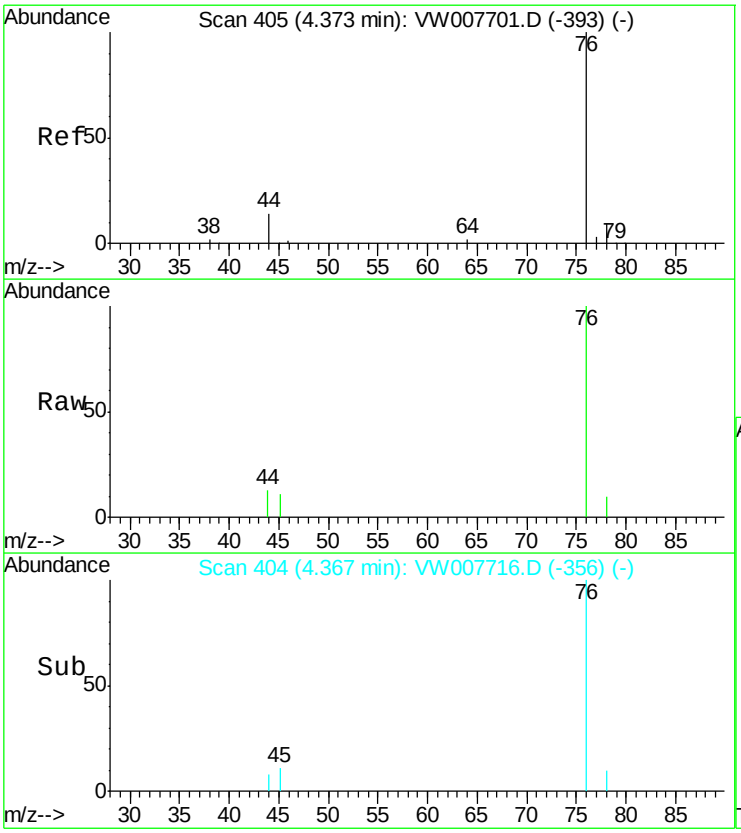
#16
Acetone
Concen: 186.773 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 31102

Ion	Ratio	Lower	Upper
43	100		
58	17.9	21.2	31.8#

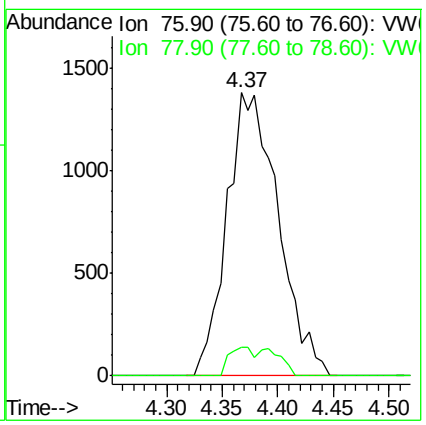


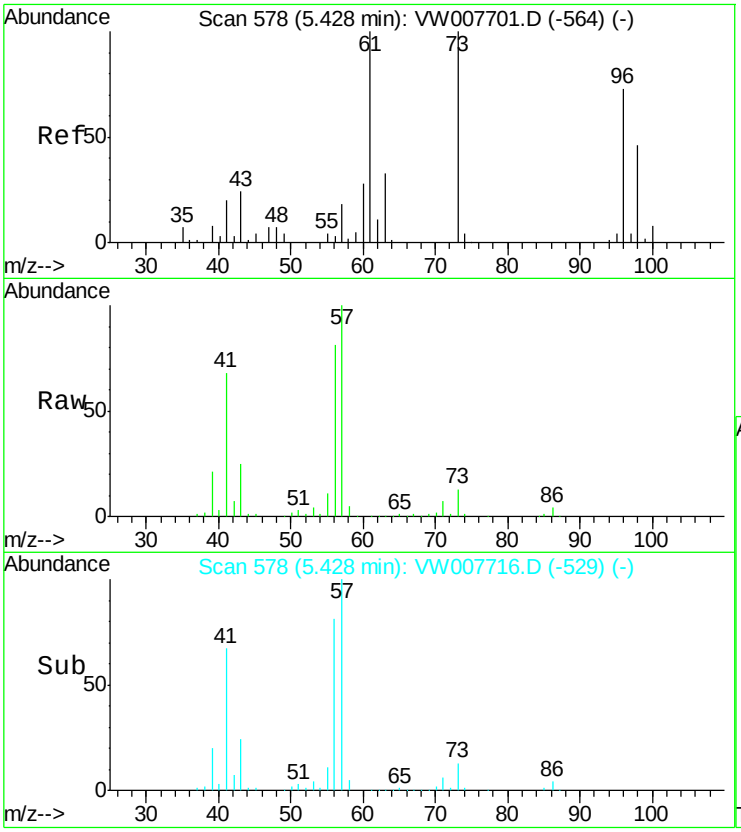


#17
Carbon Disulfide
Concen: 1.788 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 76 Resp: 4430

Ion	Ratio	Lower	Upper
76	100		
78	10.3	7.3	10.9



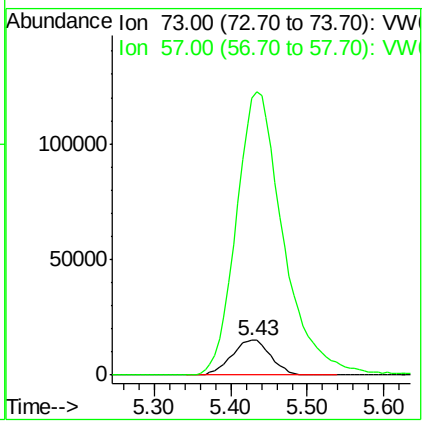


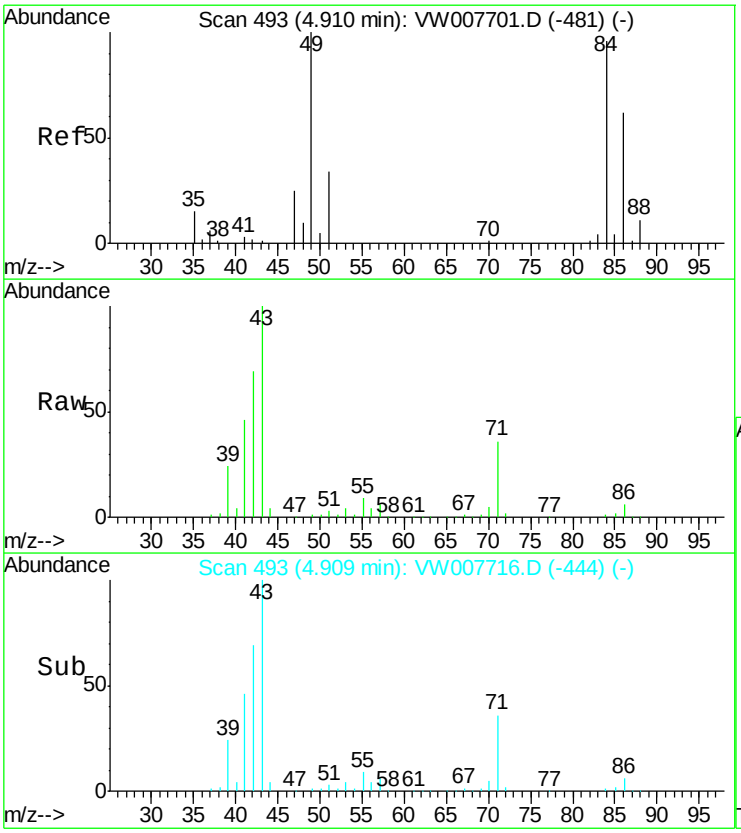
#19
Methyl tert-butyl Ether
Concen: 46.475 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 73 Resp: 53409

Ion	Ratio	Lower	Upper
73	100		
57	794.5	14.7	22.1#

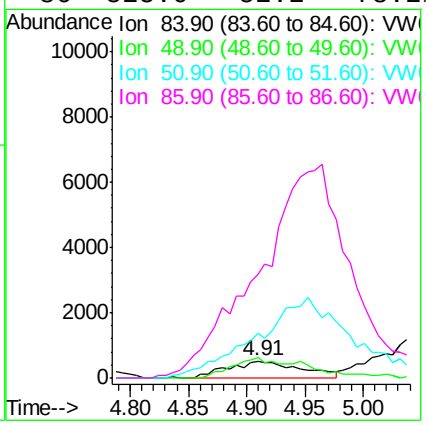


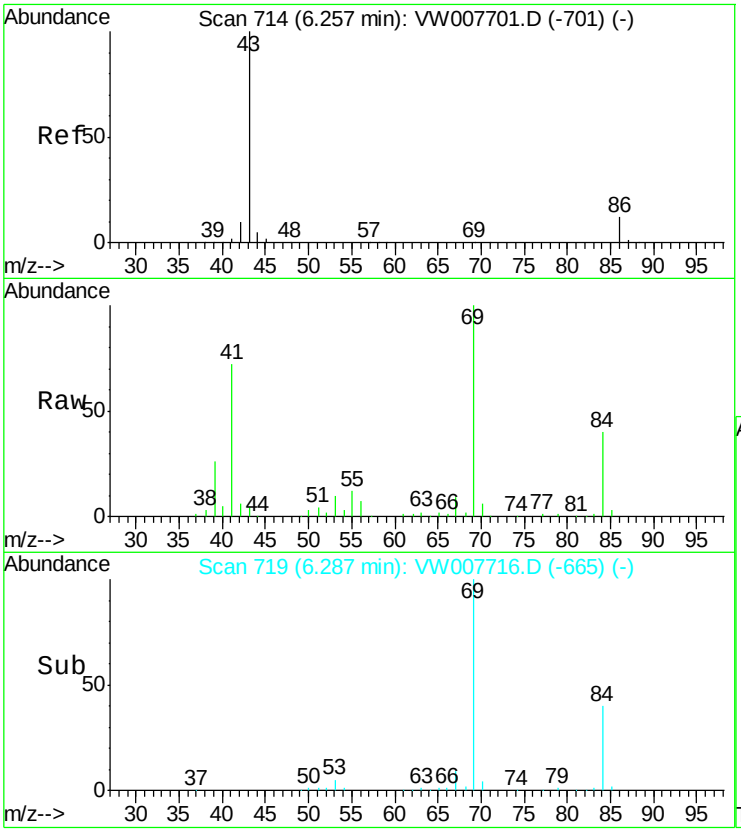


#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 84 Resp: 2265

Ion	Ratio	Lower	Upper
84	100		
49	116.1	83.7	125.5
51	220.7	28.2	42.2#
86	525.0	52.2	78.2#



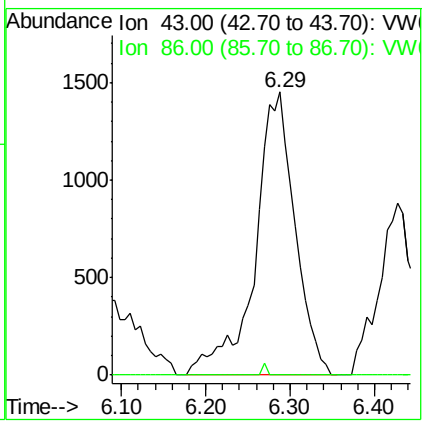


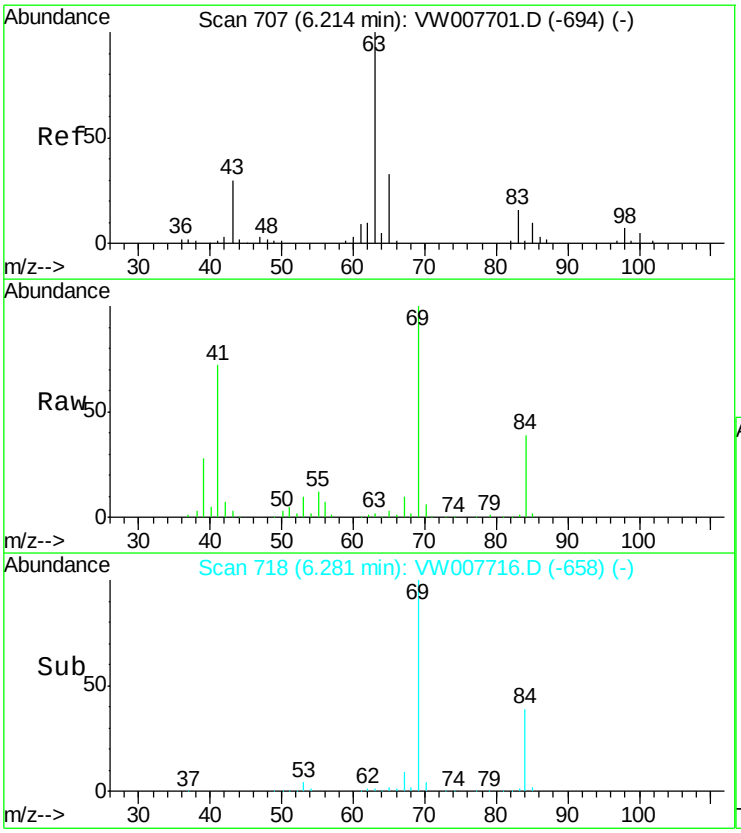
#23
Vinyl Acetate
Concen: 4.072 ug/l
RT: 6.29 min Scan# 719
Delta R.T. 0.03 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 4755

Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.6	14.4#

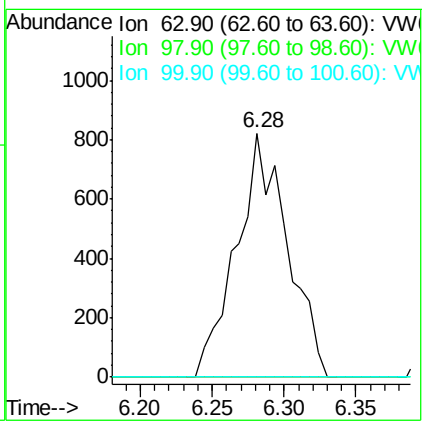


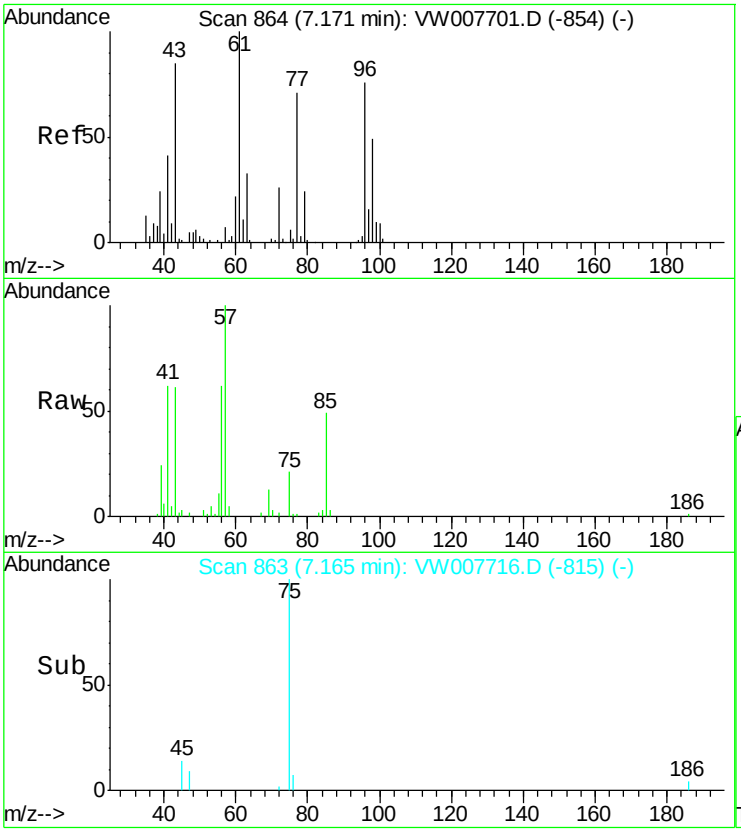


#24
1,1-Dichloroethane
Concen: 1.394 ug/l
RT: 6.28 min Scan# 718
Delta R.T. 0.07 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 63 Resp: 2016

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



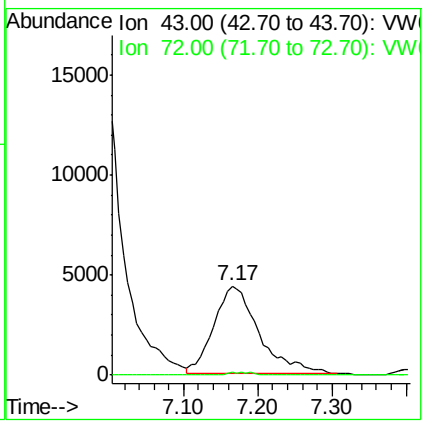


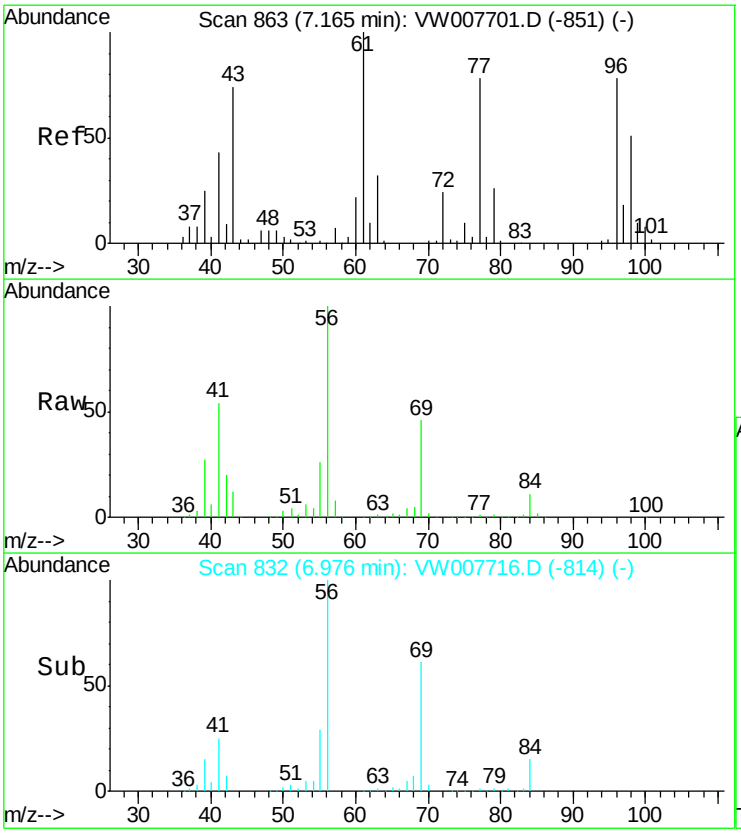
#25
2-Butanone
Concen: 93.972 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 18329

Ion	Ratio	Lower	Upper
43	100		
72	3.6	24.5	36.7#

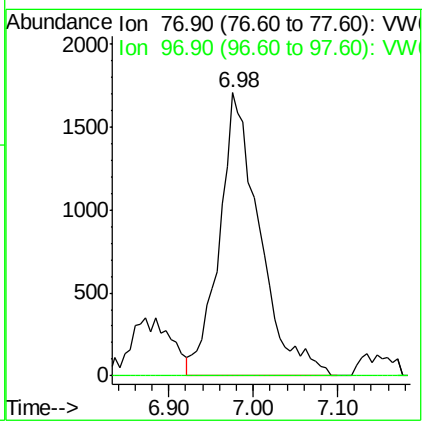


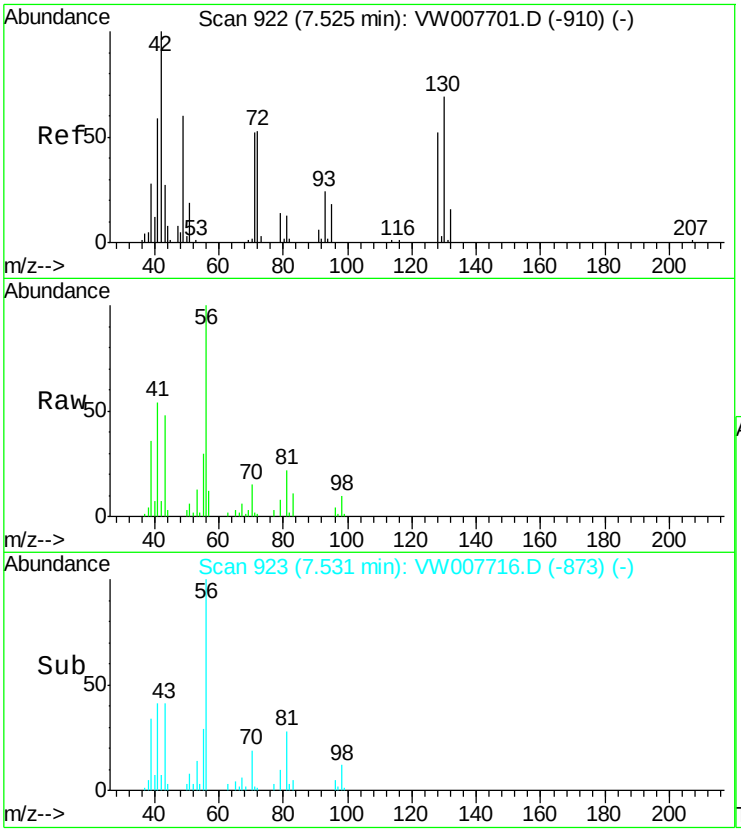


#26
2,2-Dichloropropane
Concen: 5.268 ug/l
RT: 6.98 min Scan# 832
Delta R.T. -0.19 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 77 Resp: 5574

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.3	33.9#



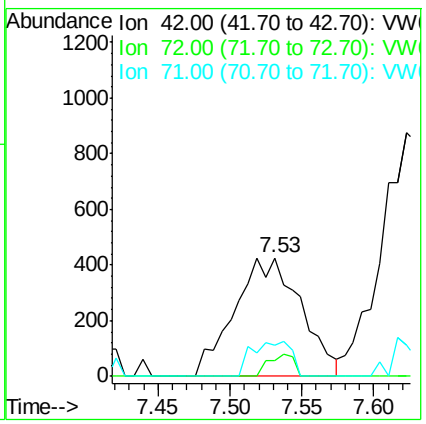


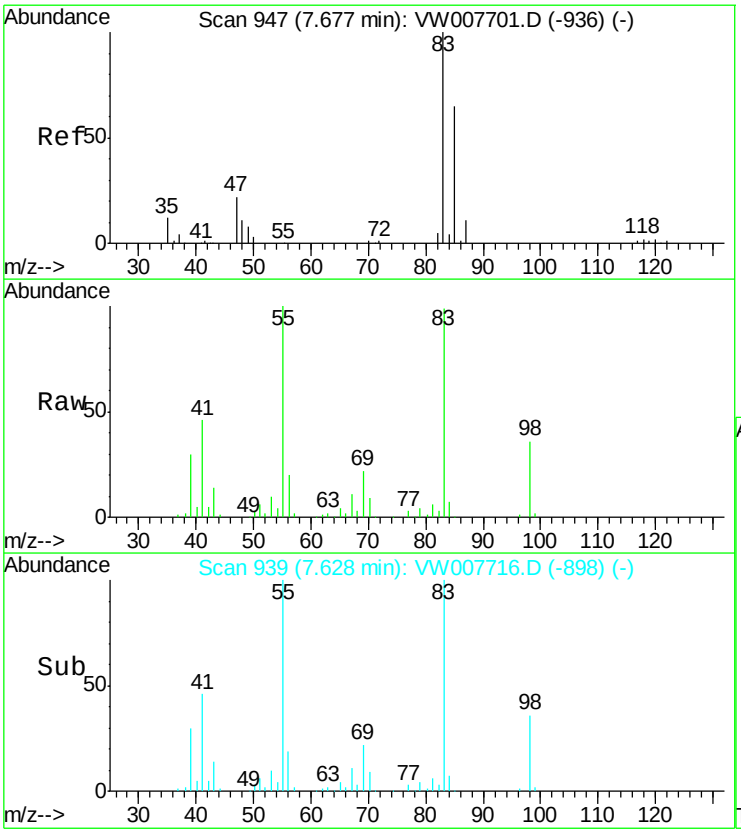
#29
Tetrahydrofuran
Concen: 11.784 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 42 Resp: 1371

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

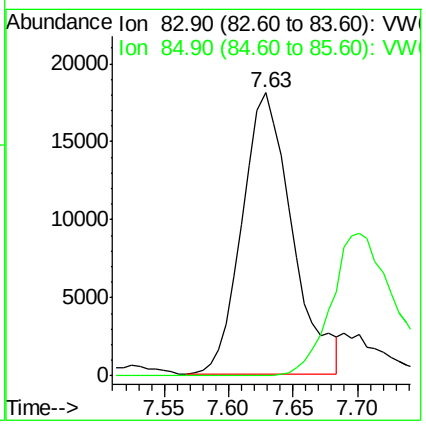


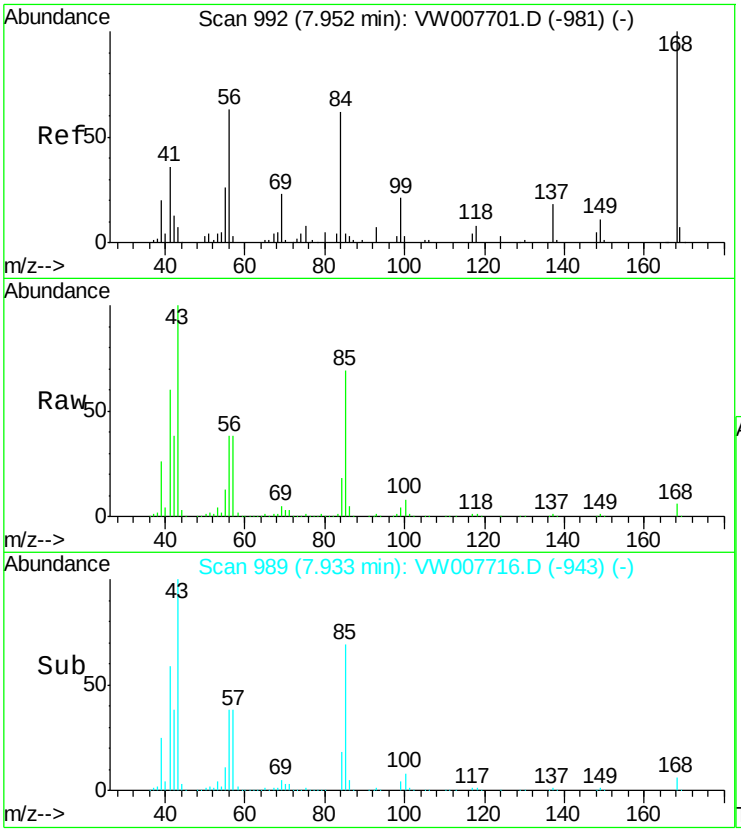


#30
Chloroform
Concen: 29.733 ug/l
RT: 7.63 min Scan# 939
Delta R.T. -0.05 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 83 Resp: 48656

Ion	Ratio	Lower	Upper
83	100		
85	0.3	52.2	78.2#



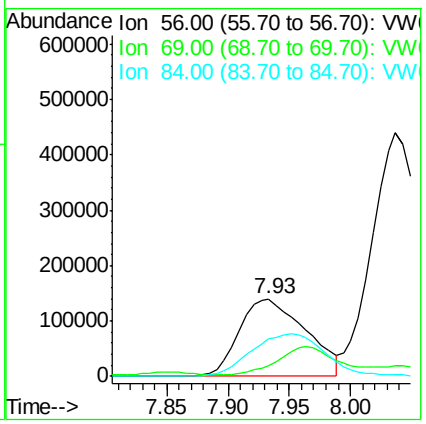


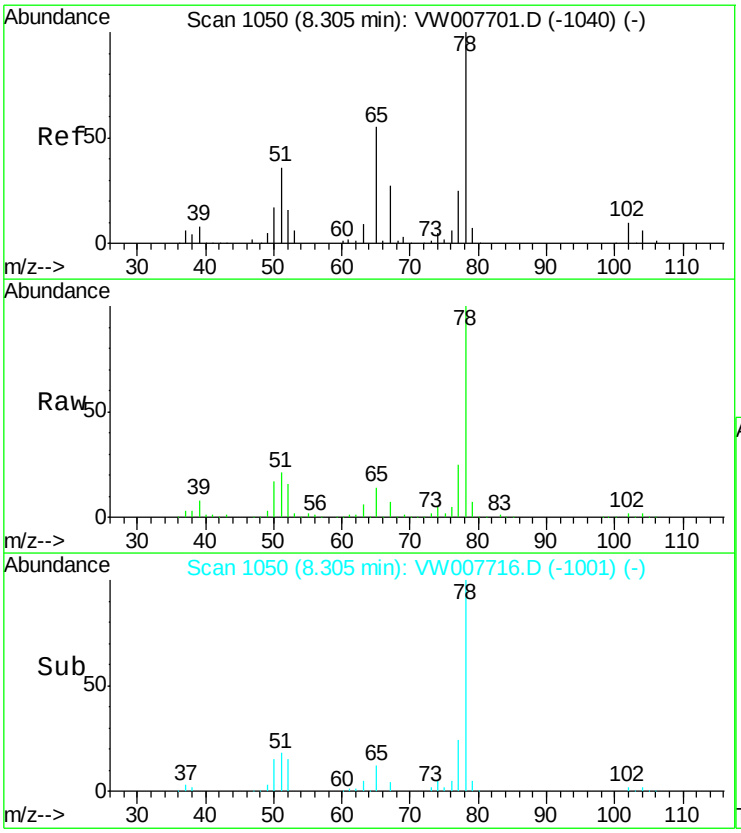
#31
Cyclohexane
Concen: 392.328 ug/l
RT: 7.93 min Scan# 989
Delta R.T. -0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 56 Resp: 519354

Ion	Ratio	Lower	Upper
56	100		
69	9.8	29.7	44.5#
84	48.1	78.9	118.3#

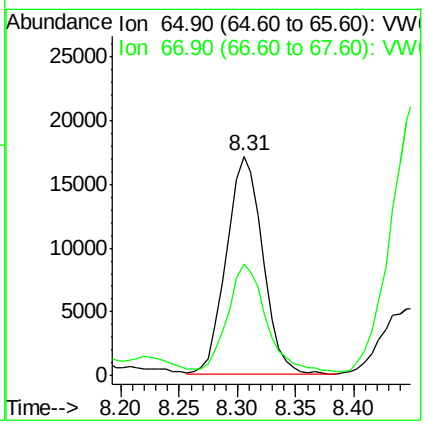


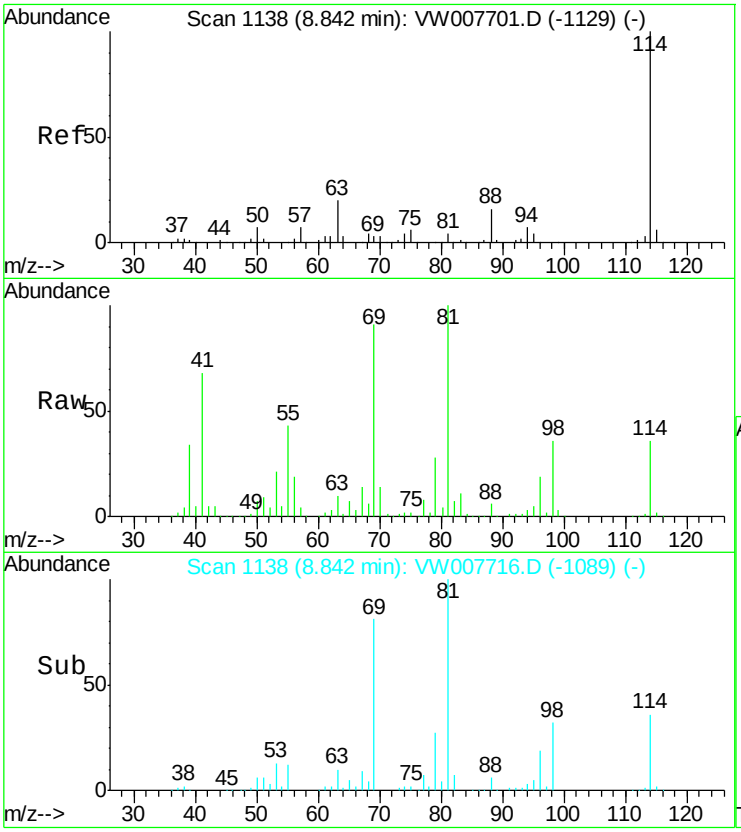


#33
1,2-Dichloroethane-d4
Concen: 41.761 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 65 Resp: 37137

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.6



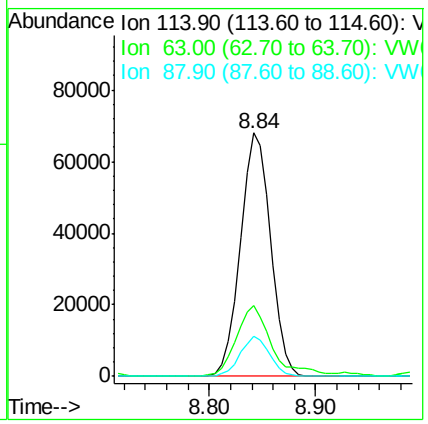


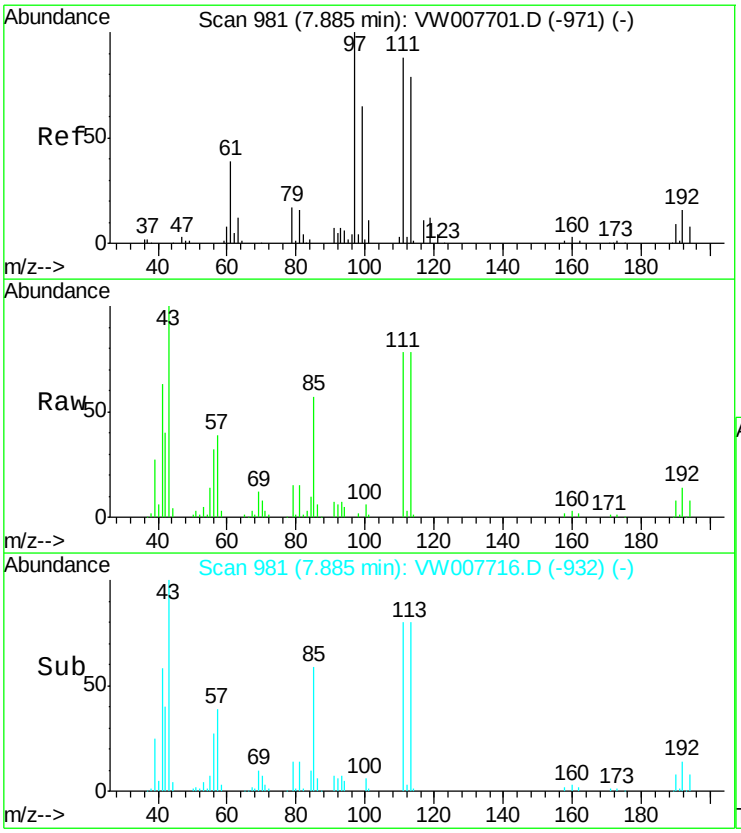
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:114 Resp: 135450

Ion	Ratio	Lower	Upper
114	100		
63	29.3	0.0	40.0
88	16.7	0.0	32.6

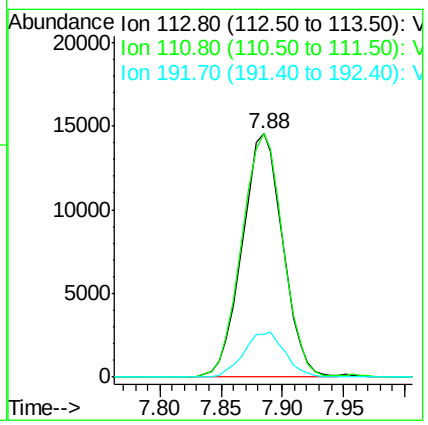


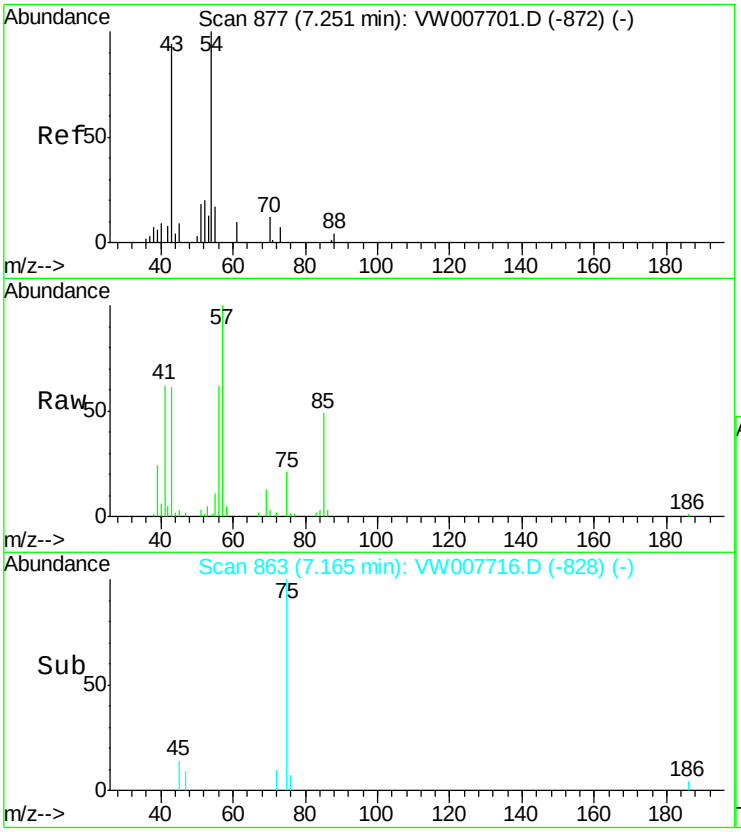


#35
Dibromofluoromethane
Concen: 40.759 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:113 Resp: 33680

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	18.6	15.5	23.3



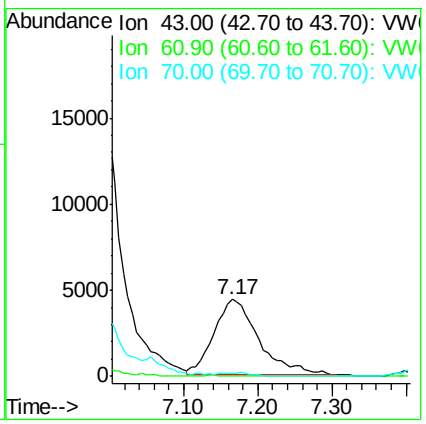


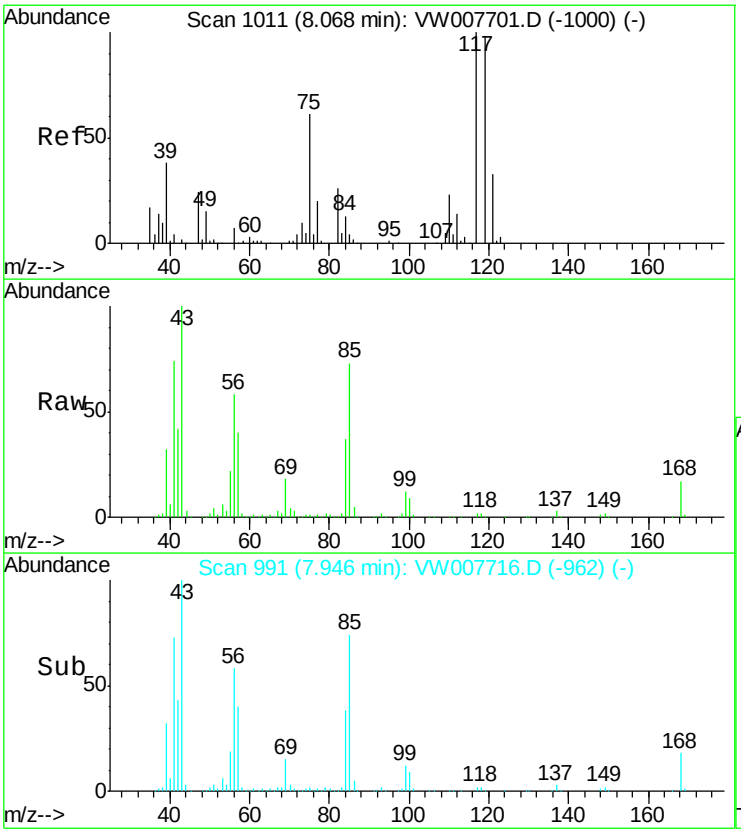
#37
Ethyl Acetate
Concen: 40.625 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.09 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 18329

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

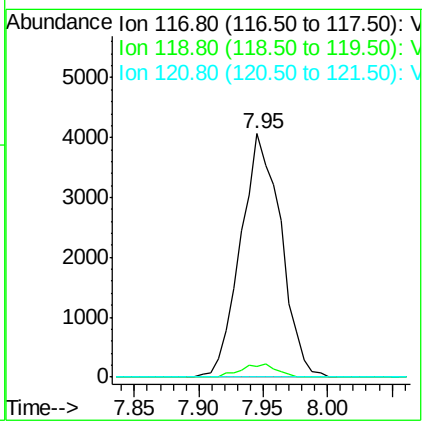


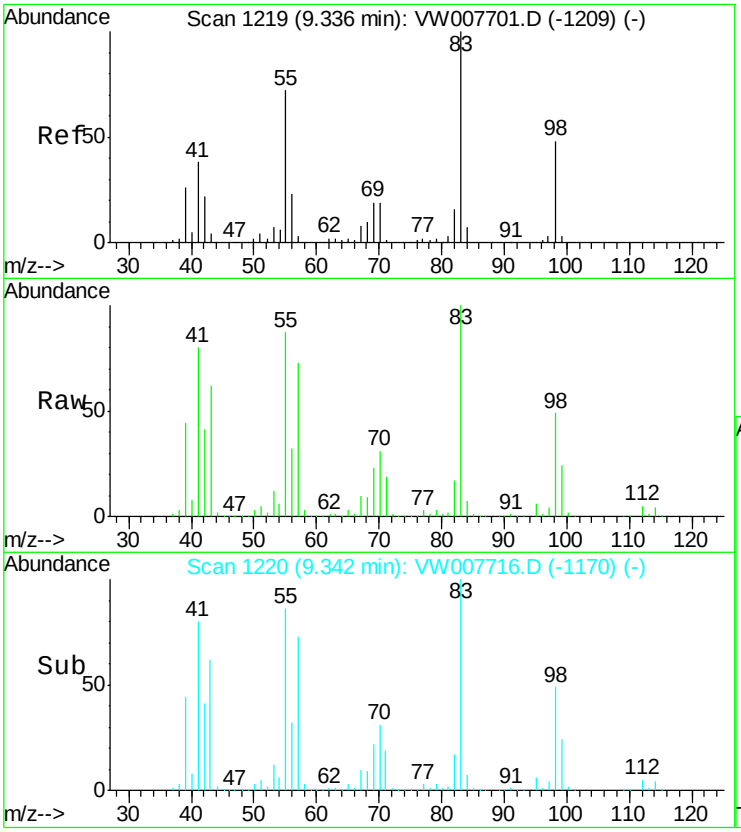


#38
Carbon Tetrachloride
Concen: 5.720 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:117 Resp: 8807

Ion	Ratio	Lower	Upper
117	100		
119	4.2	78.2	117.2#
121	0.0	26.1	39.1#



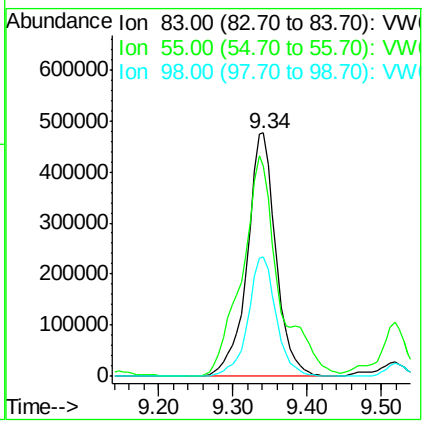


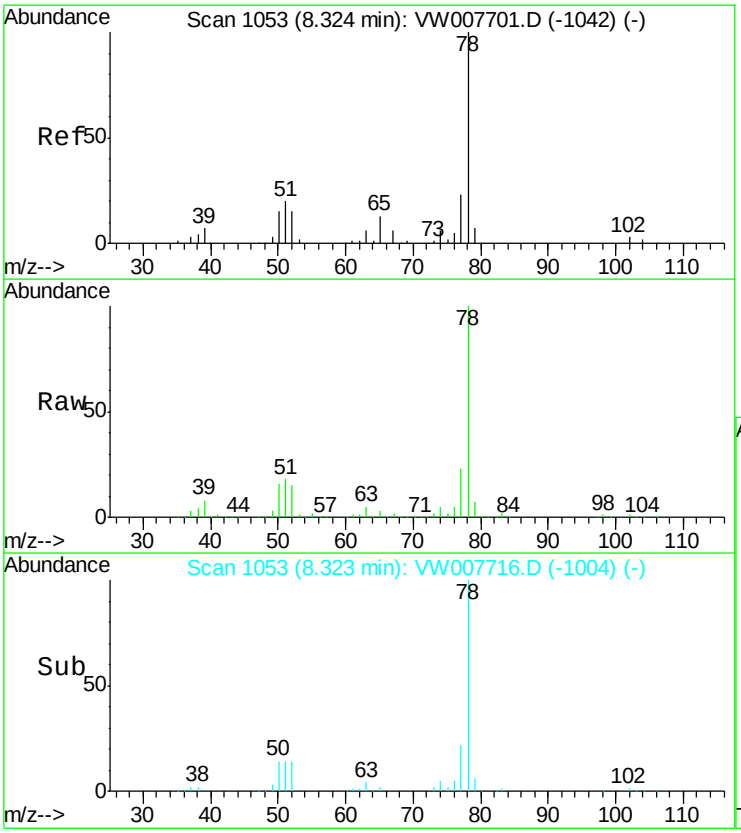
#39
Methylcyclohexane
Concen: 790.009 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 83 Resp: 1283373

Ion	Ratio	Lower	Upper
83	100		
55	86.5	57.2	85.8#
98	49.3	38.6	58.0

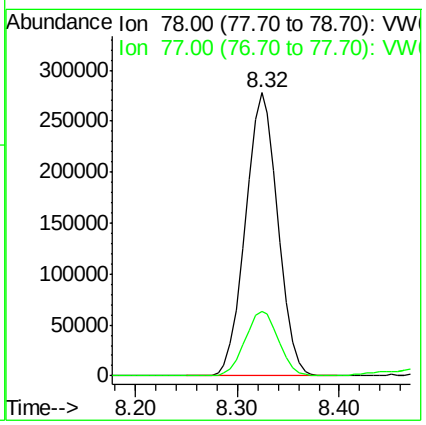


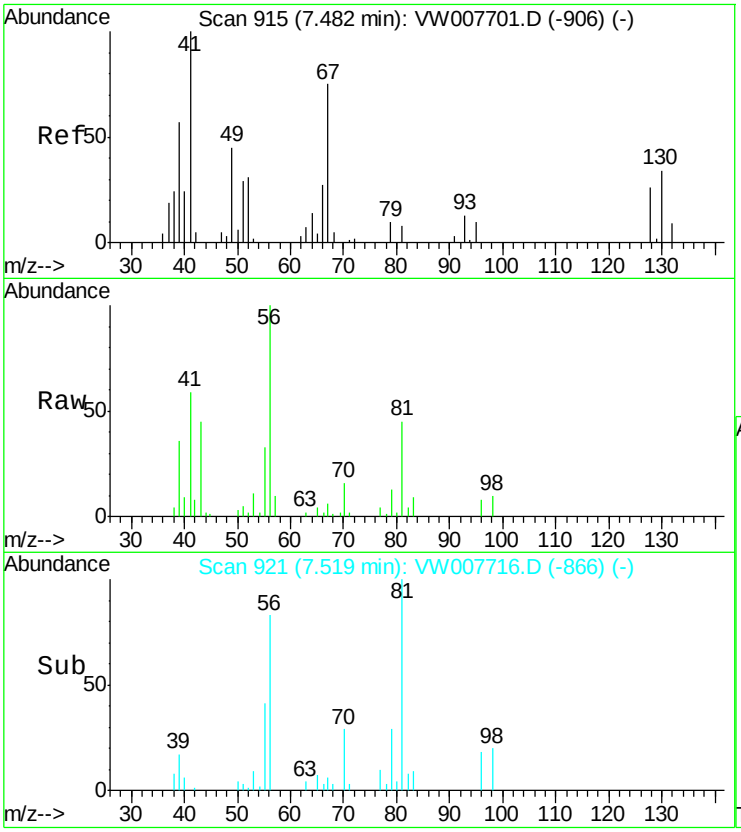


#40
Benzene
Concen: 175.922 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 78 Resp: 613723

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1



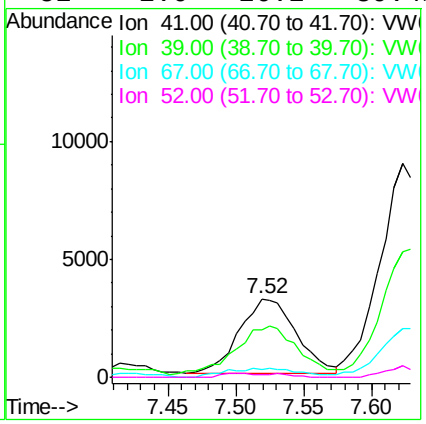


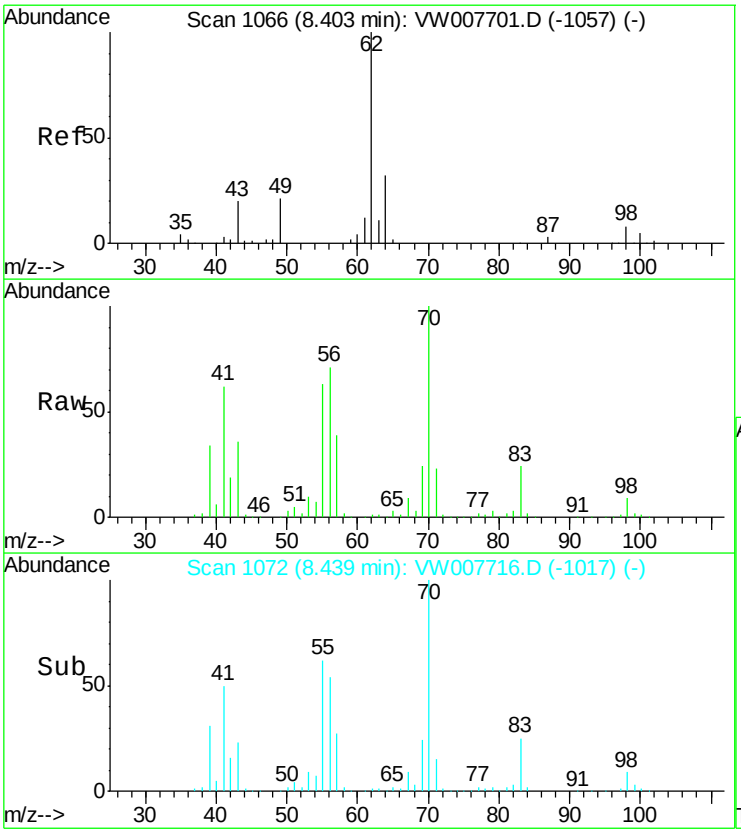
#41
Methacrylonitrile
Concen: 36.060 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 41 Resp: 9237

Ion	Ratio	Lower	Upper
41	100		
39	68.6	54.2	81.4
67	0.0	65.7	98.5#
52	2.0	26.2	39.4#

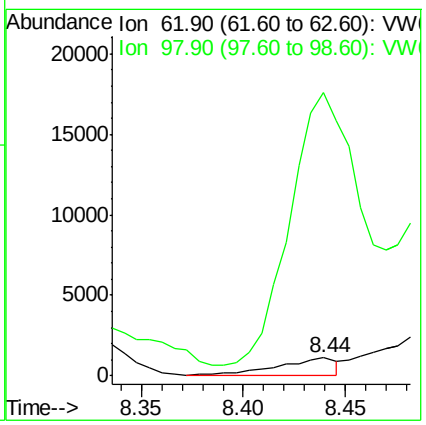


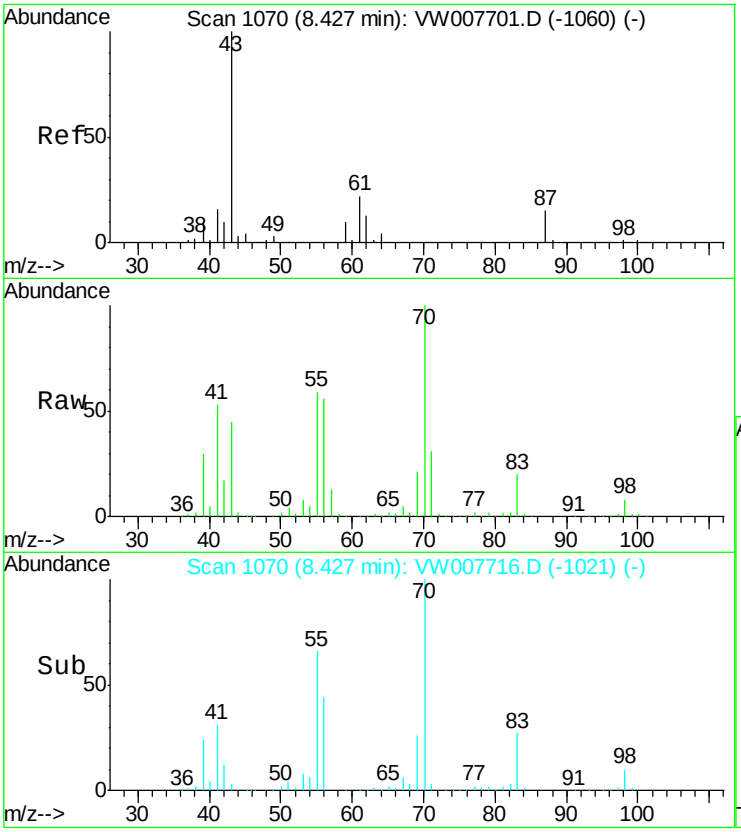


#42
1,2-Dichloroethane
Concen: 1.888 ug/l
RT: 8.44 min Scan# 1072
Delta R.T. 0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 62 Resp: 2207

Ion	Ratio	Lower	Upper
62	100		
98	1885.7	0.0	16.6#



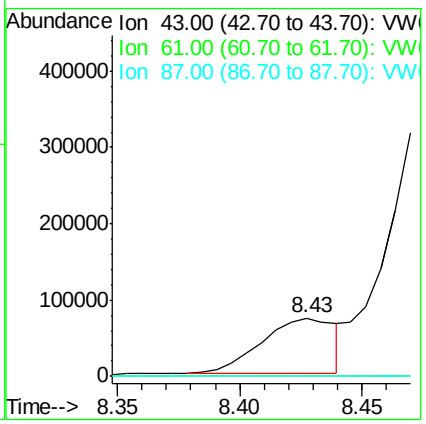


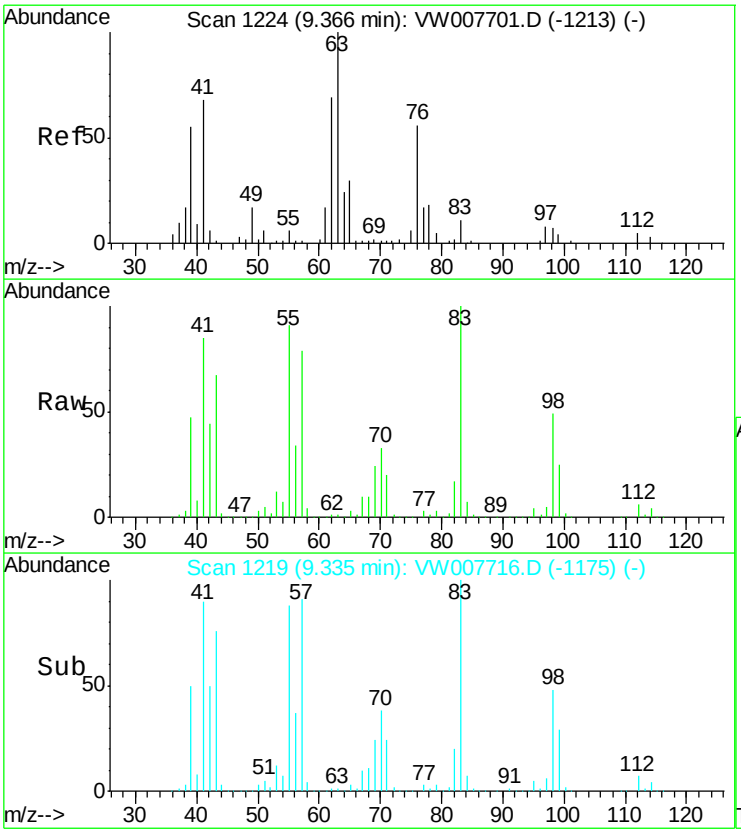
#43
Isopropyl Acetate
Concen: 170.096 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 153753

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

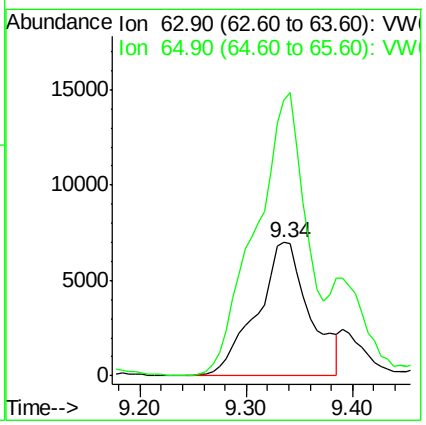


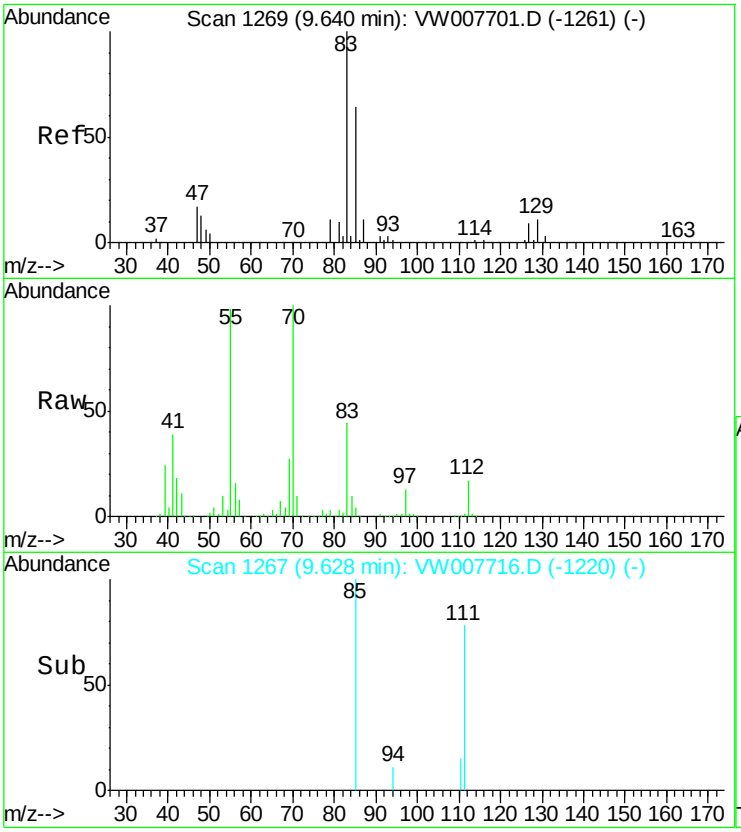


#45
1,2-Dichloropropane
Concen: 31.052 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.03 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 63 Resp: 24037

Ion	Ratio	Lower	Upper
63	100		
65	206.7	23.8	35.8#



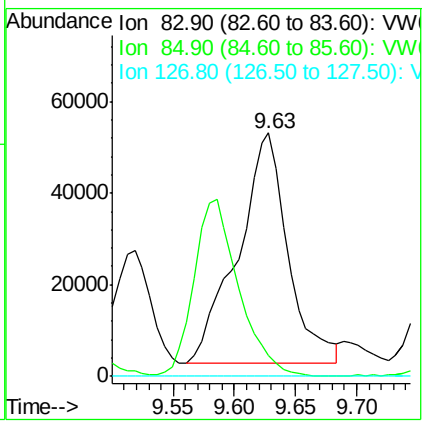


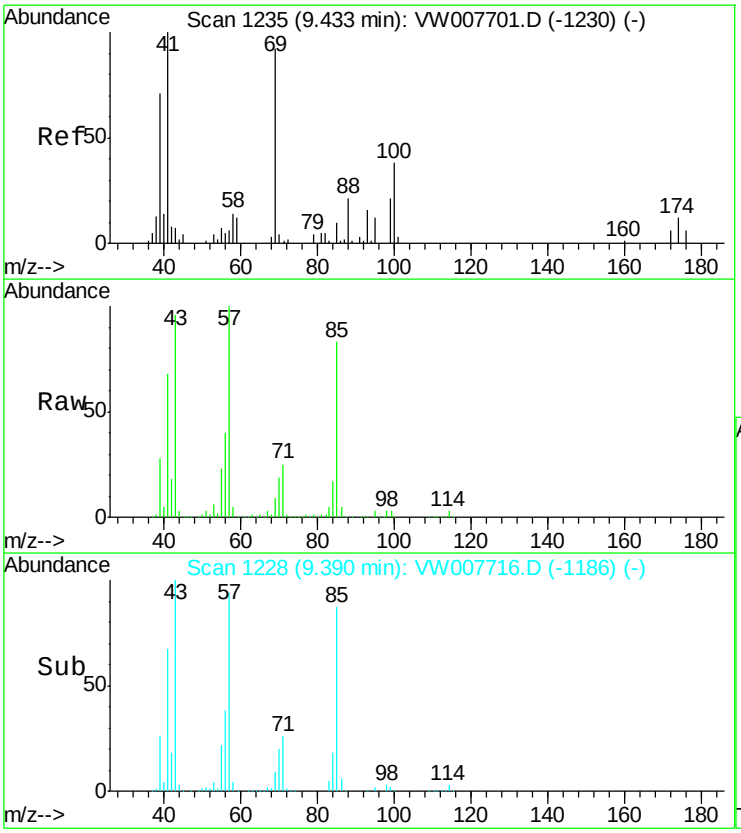
#47
Bromodichloromethane
Concen: 115.091 ug/l
RT: 9.63 min Scan# 1267
Delta R.T. -0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 83 Resp: 144174

Ion	Ratio	Lower	Upper
83	100		
85	9.1	51.4	77.0#
127	0.0	7.5	11.3#

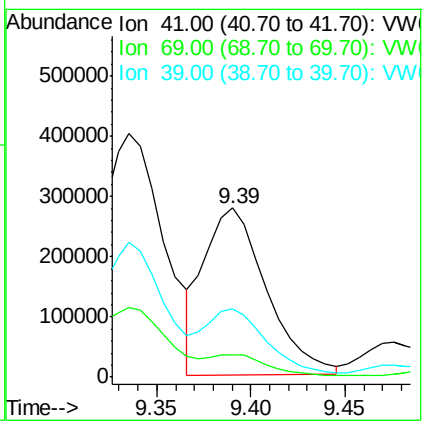


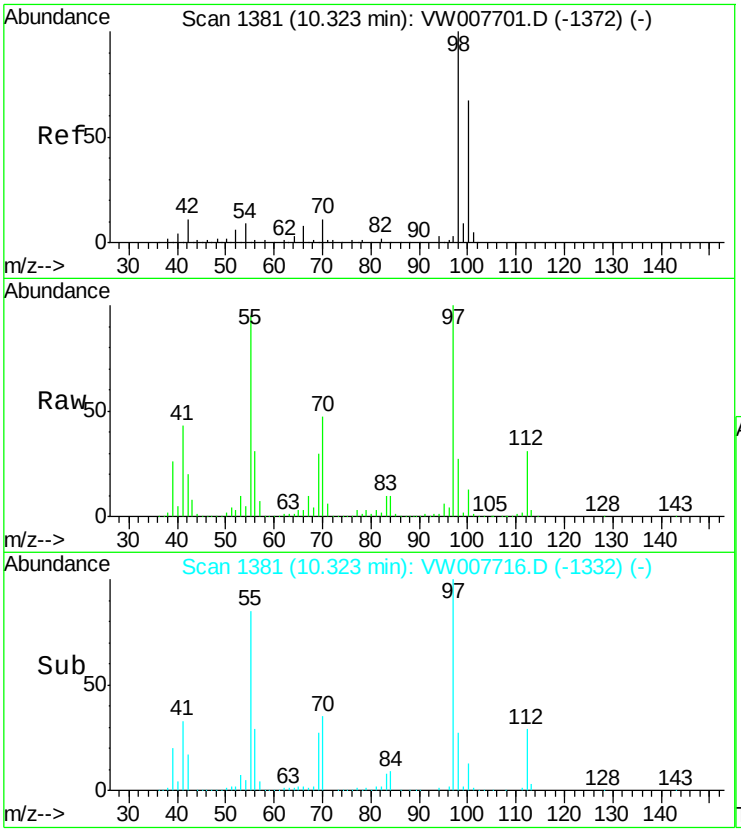


#48
Methyl methacrylate
Concen: 1408.749 ug/l
RT: 9.39 min Scan# 1228
Delta R.T. -0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 41 Resp: 635619

Ion	Ratio	Lower	Upper
41	100		
69	0.0	74.2	111.2#
39	36.3	53.9	80.9#



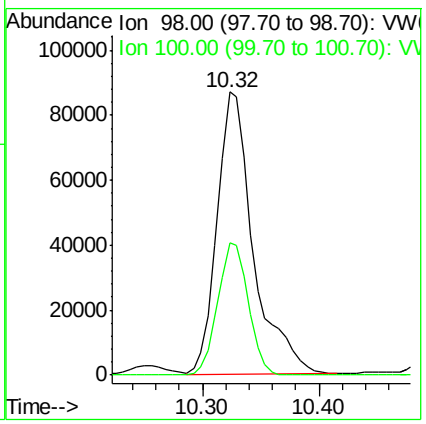


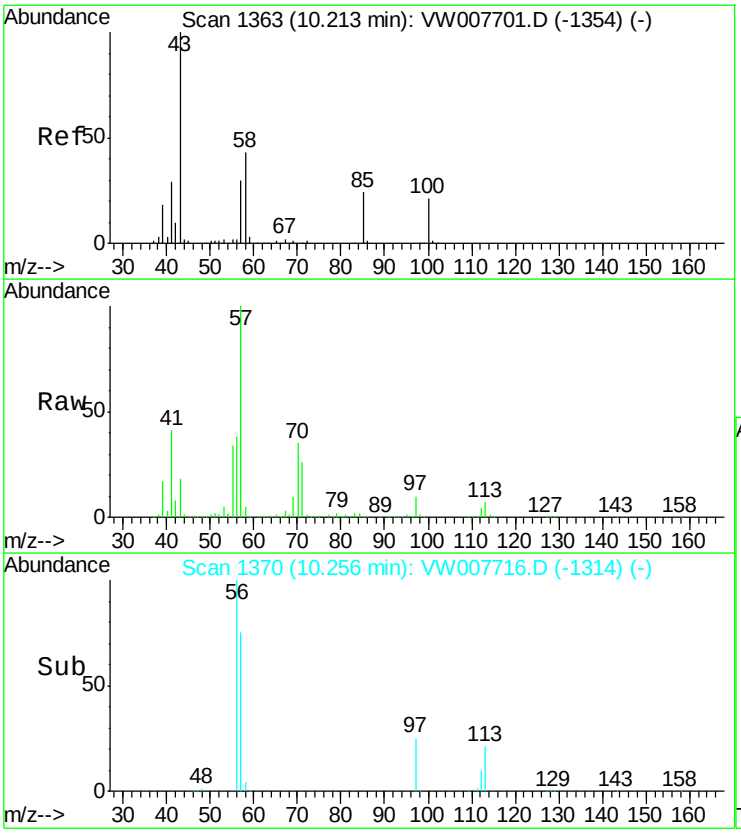
#50
Toluene-d8
Concen: 60.190 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 98 Resp: 187496

Ion	Ratio	Lower	Upper
98	100		
100	39.3	52.2	78.2#

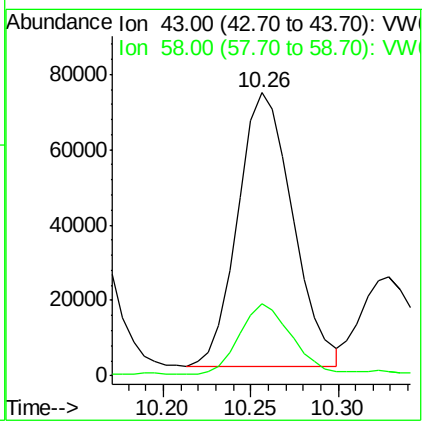


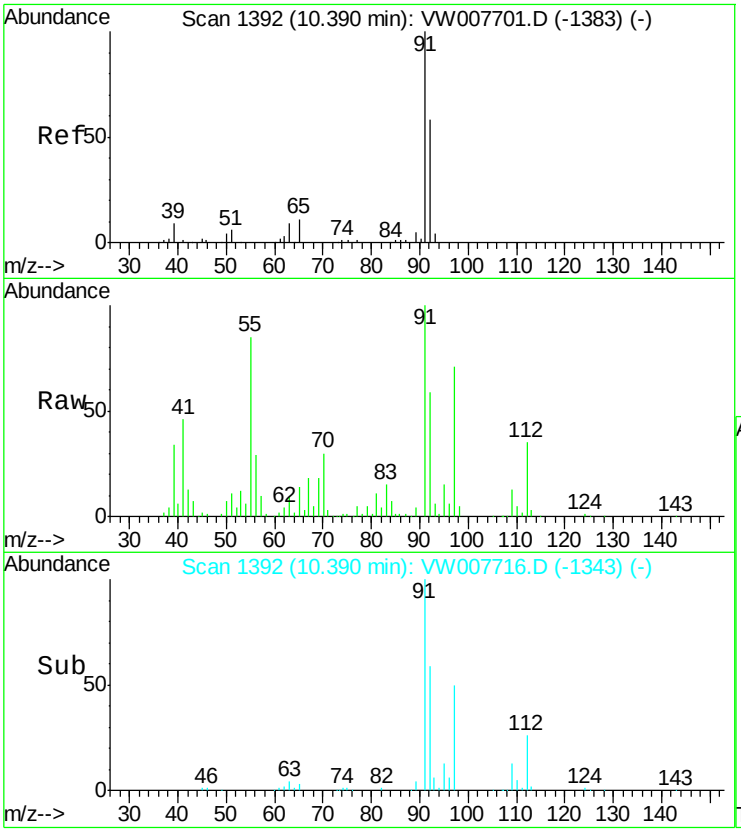


#51
4-Methyl-2-Pentanone
Concen: 370.810 ug/l
RT: 10.26 min Scan# 1370
Delta R.T. 0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 43 Resp: 158406

Ion	Ratio	Lower	Upper
43	100		
58	24.6	33.2	49.8#



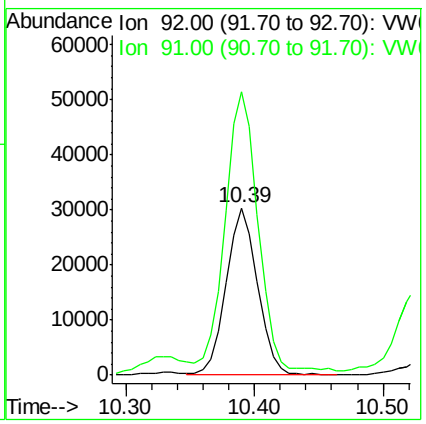


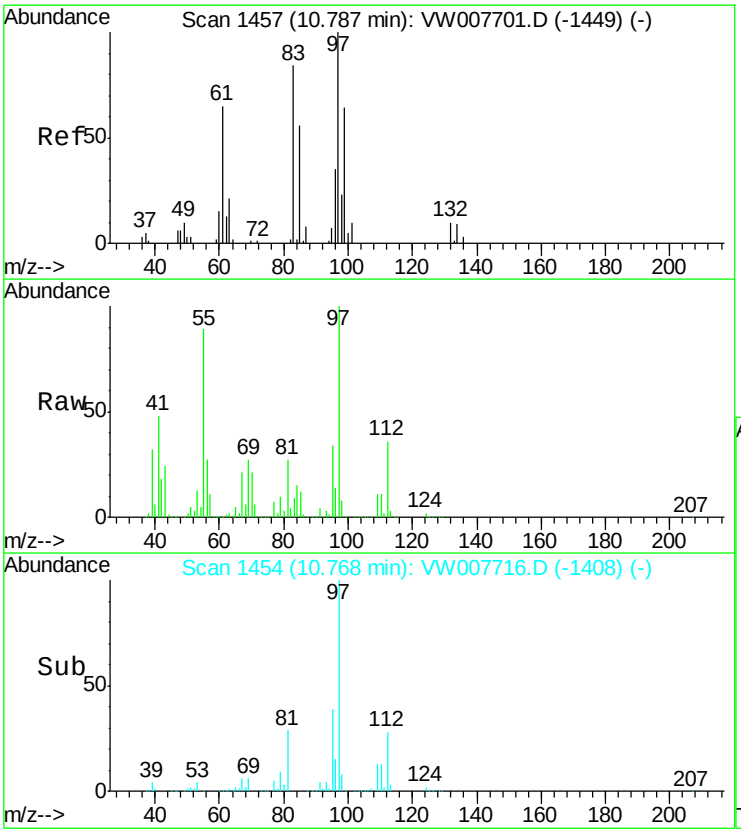
#52
Toluene
Concen: 22.063 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 92 Resp: 51640

Ion	Ratio	Lower	Upper
92	100		
91	177.3	137.0	205.4

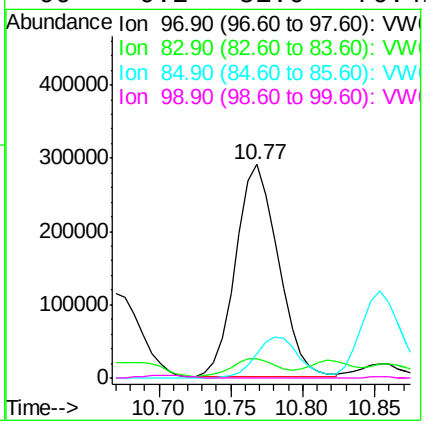


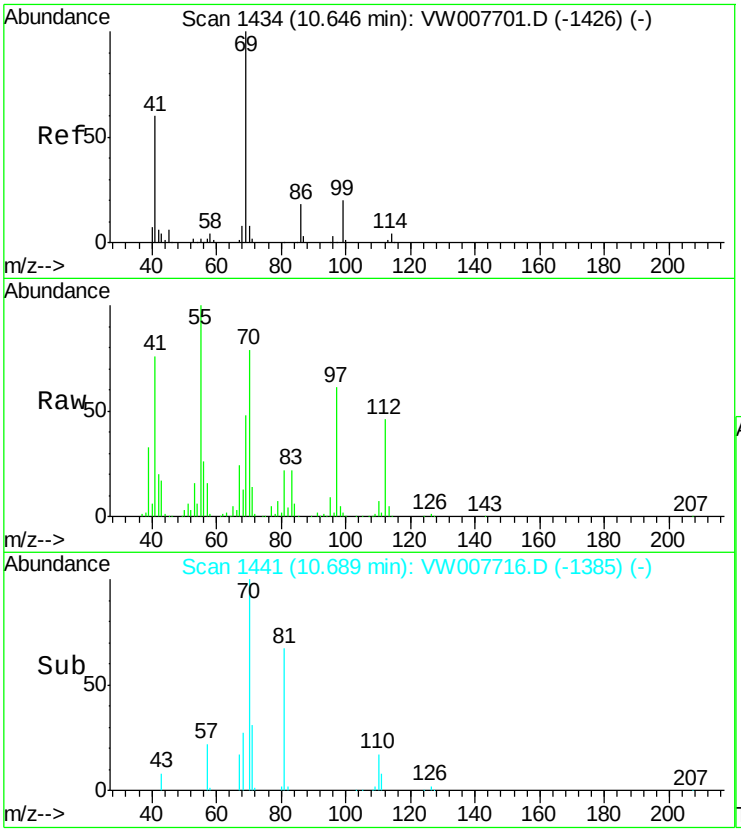


#55
1,1,2-Trichloroethane
Concen: 901.534 ug/l
RT: 10.77 min Scan# 1454
Delta R.T. -0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 97 Resp: 592224

Ion	Ratio	Lower	Upper
97	100		
83	8.3	67.5	101.3#
85	11.5	44.8	67.2#
99	0.2	51.0	76.4#



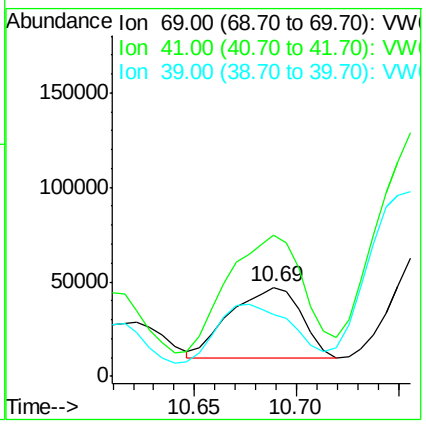


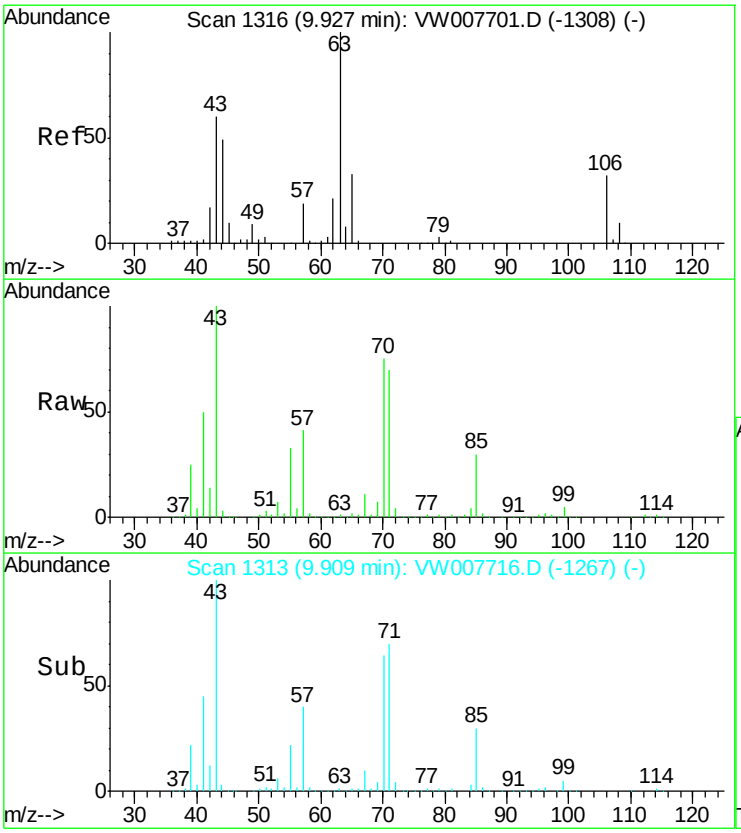
#56
Ethyl methacrylate
Concen: 114.987 ug/l
RT: 10.69 min Scan# 1441
Delta R.T. 0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 69 Resp: 89246

Ion	Ratio	Lower	Upper
69	100		
41	177.8	48.9	73.3#
39	88.1	31.3	46.9#

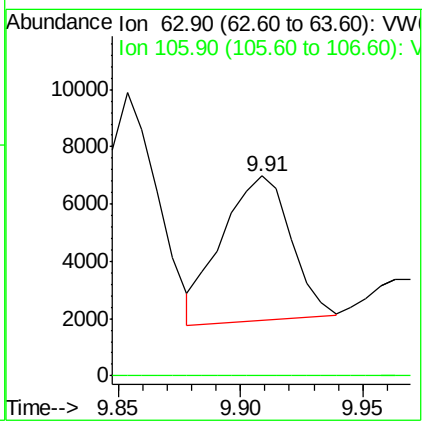


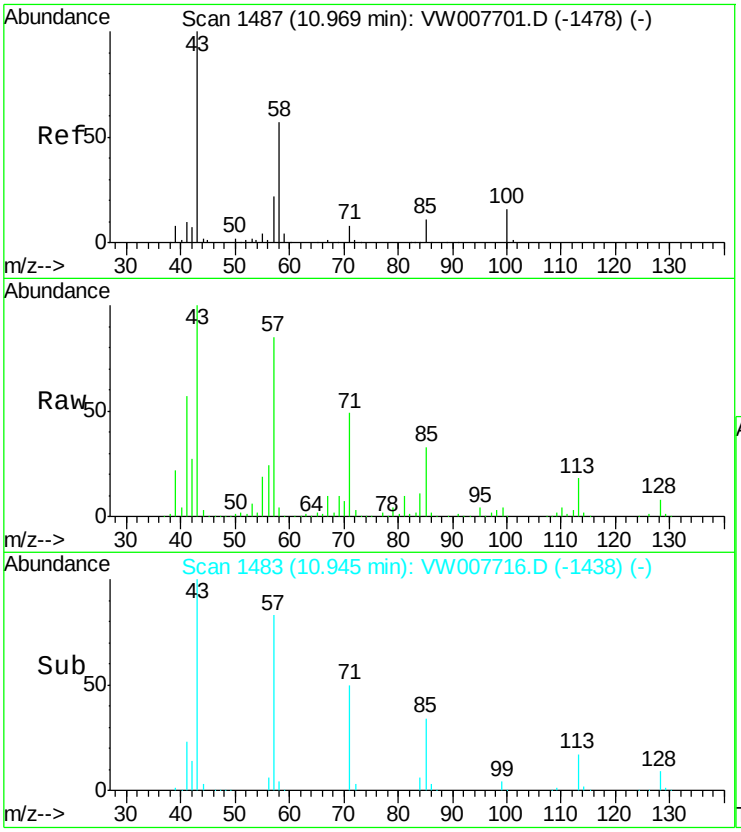


#58
2-Chloroethyl Vinyl ether
Concen: 27.839 ug/l
RT: 9.91 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 63 Resp: 9865

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.9	38.9#



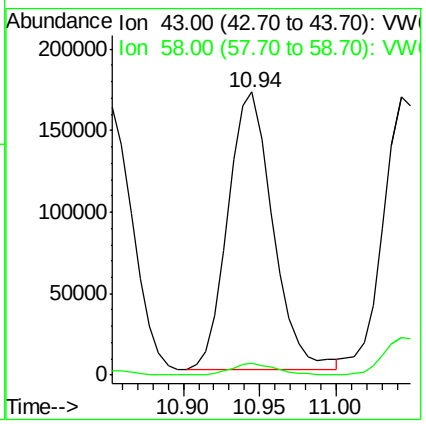


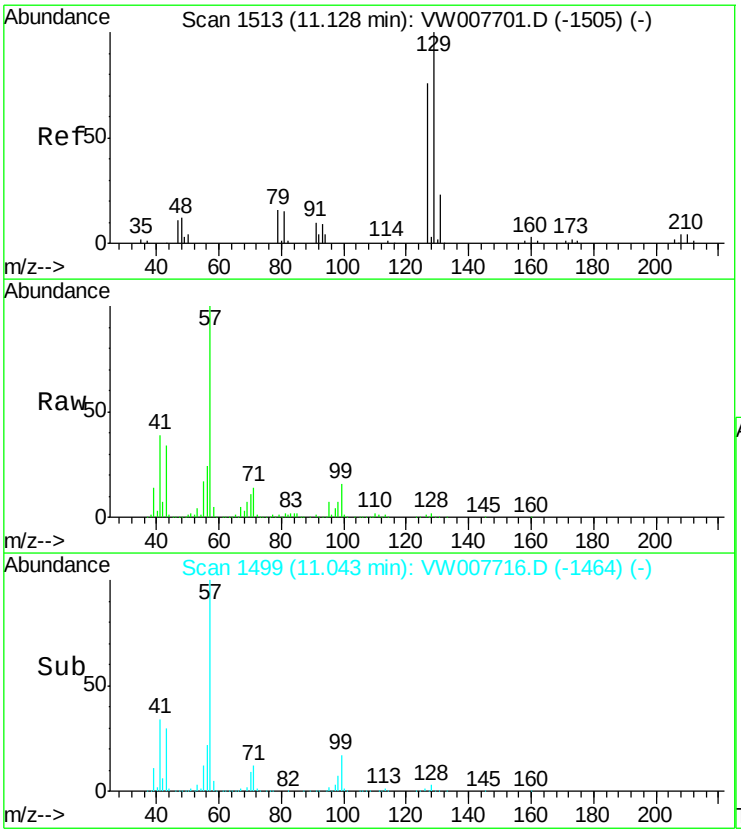
#59
2-Hexanone
Concen: 1157.903 ug/l
RT: 10.94 min Scan# 1483
Delta R.T. -0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 347868

Ion	Ratio	Lower	Upper
43	100		
58	4.3	27.7	83.1#

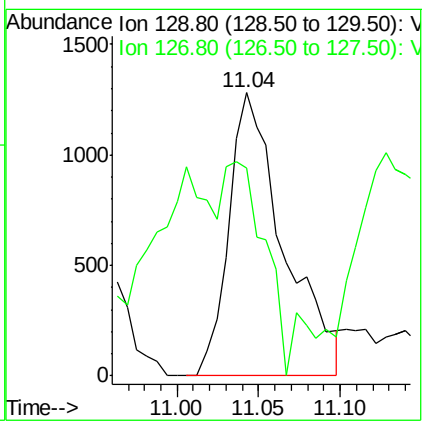


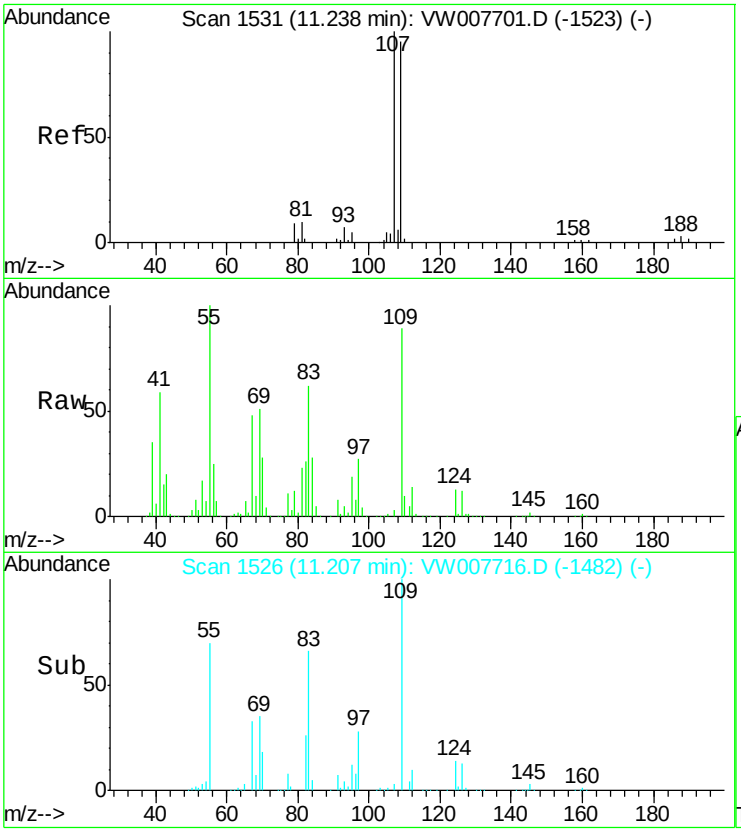


#60
Dibromochloromethane
Concen: 3.451 ug/l
RT: 11.04 min Scan# 1499
Delta R.T. -0.09 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:129 Resp: 3002

Ion	Ratio	Lower	Upper
129	100		
127	55.8	38.3	114.9



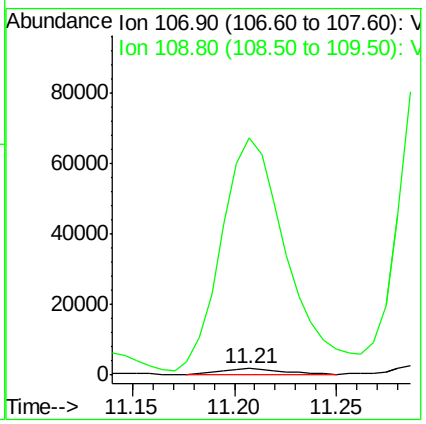


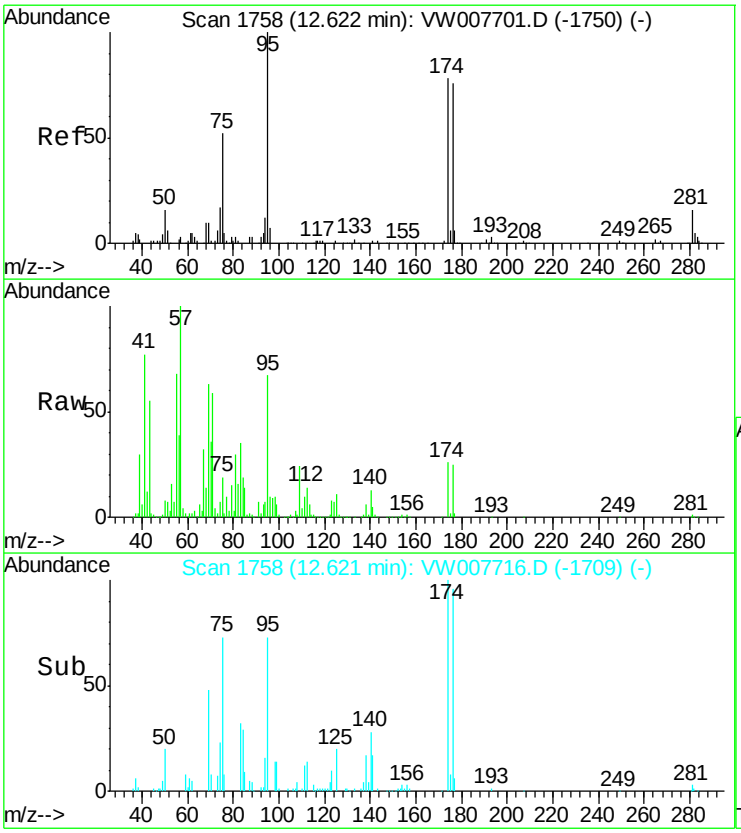
#61
1,2-Dibromoethane
Concen: 5.706 ug/l
RT: 11.21 min Scan# 1526
Delta R.T. -0.03 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:107 Resp: 3796

Ion	Ratio	Lower	Upper
107	100		
109	3849.9	75.4	113.0#

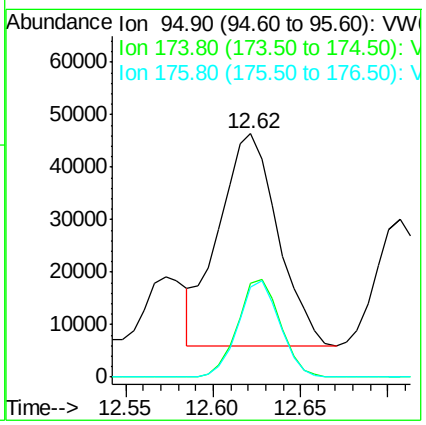


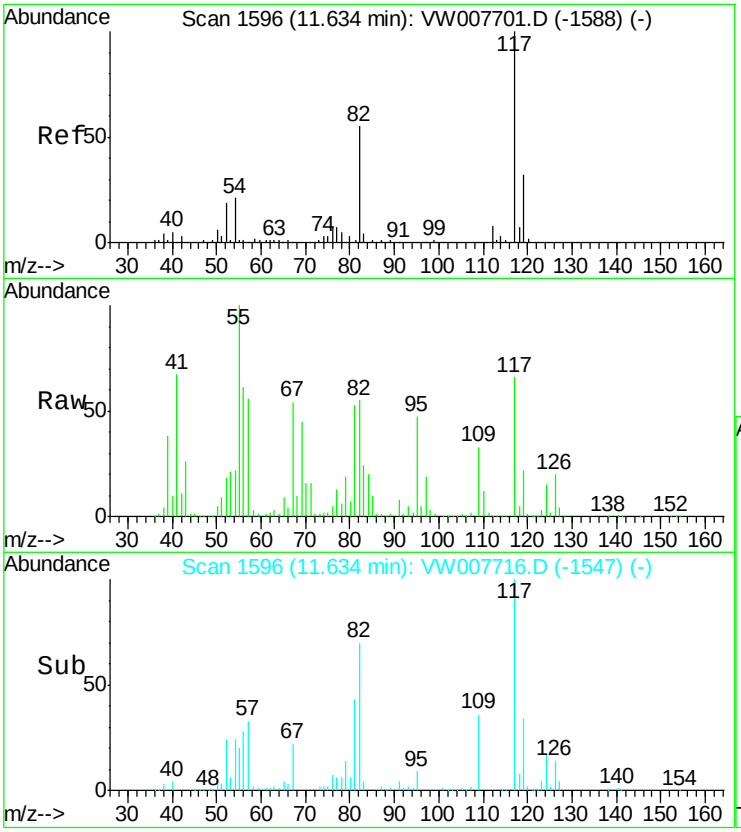


#62
4-Bromofluorobenzene
Concen: 78.924 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 95 Resp: 94979

Ion	Ratio	Lower	Upper
95	100		
174	33.4	0.0	152.2
176	32.1	0.0	146.8



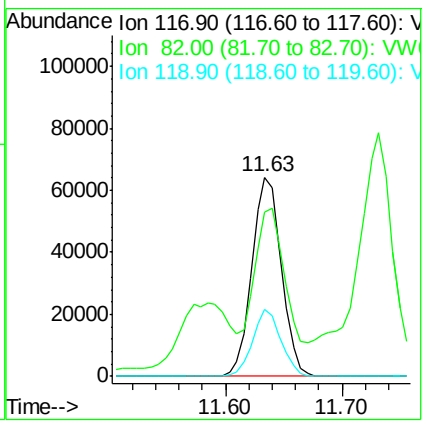


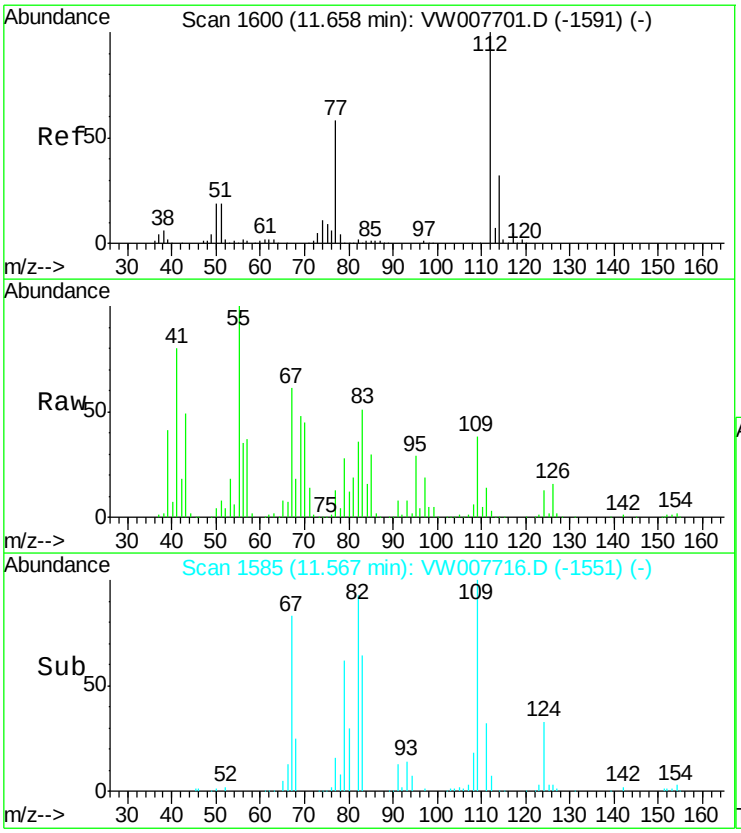
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:117 Resp: 112747

Ion	Ratio	Lower	Upper
117	100		
82	59.9	44.3	66.5
119	33.7	25.7	38.5

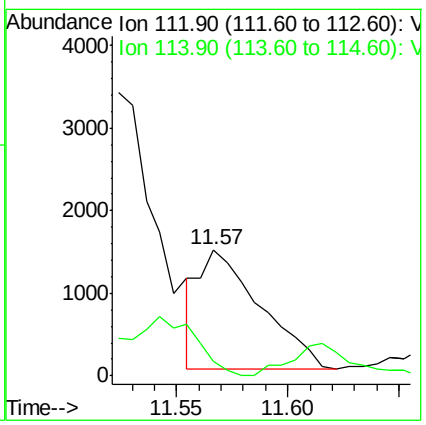


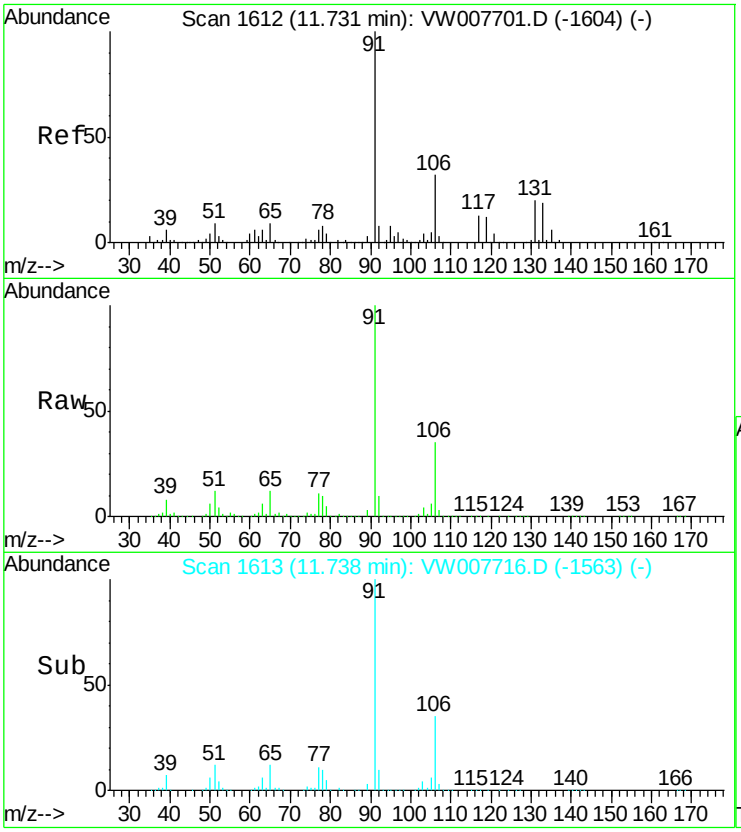


#65
Chlorobenzene
Concen: 1.143 ug/l
RT: 11.57 min Scan# 1585
Delta R.T. -0.09 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:112 Resp: 2789

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.2	37.8#



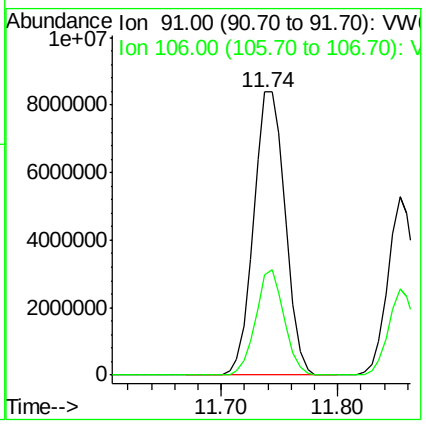


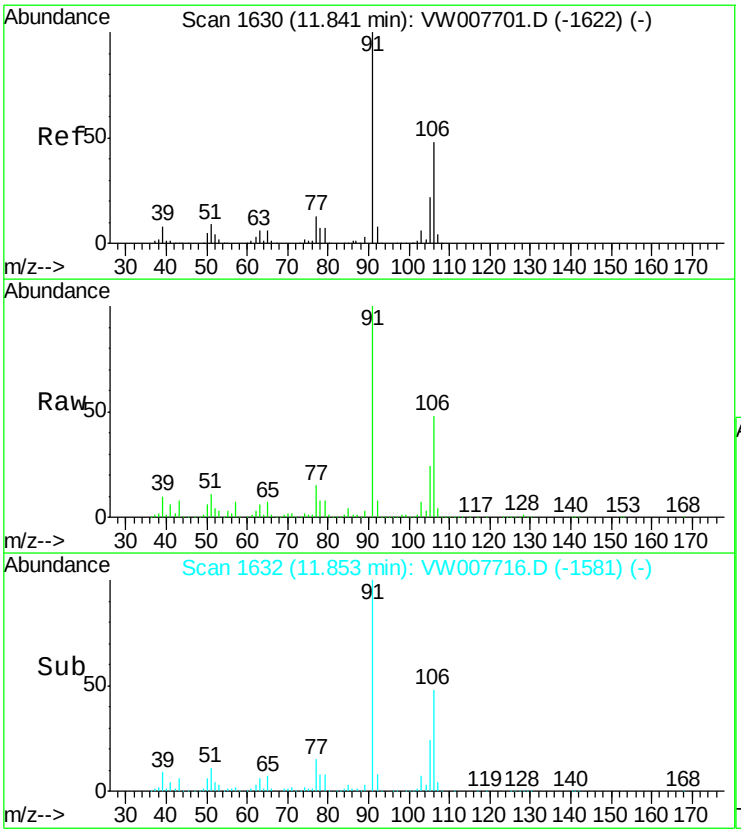
#67
Ethyl Benzene
Concen: 3784.353 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 91 Resp:15847316

Ion	Ratio	Lower	Upper
91	100		
106	35.4	25.8	38.8

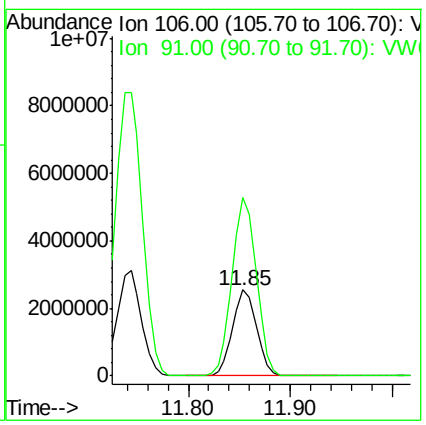


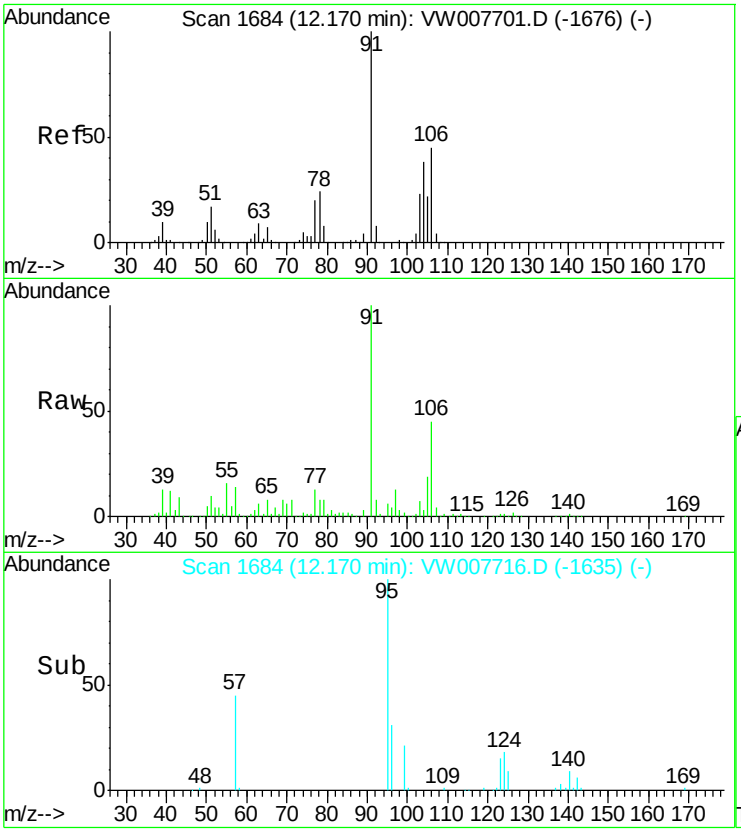


#68
m/p-Xylenes
Concen: 2537.611 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:106 Resp: 4122163

Ion	Ratio	Lower	Upper
106	100		
91	211.0	165.2	247.8



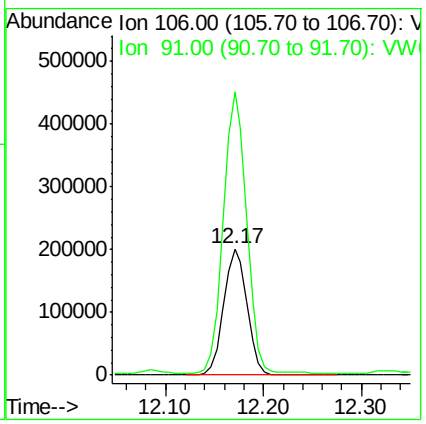


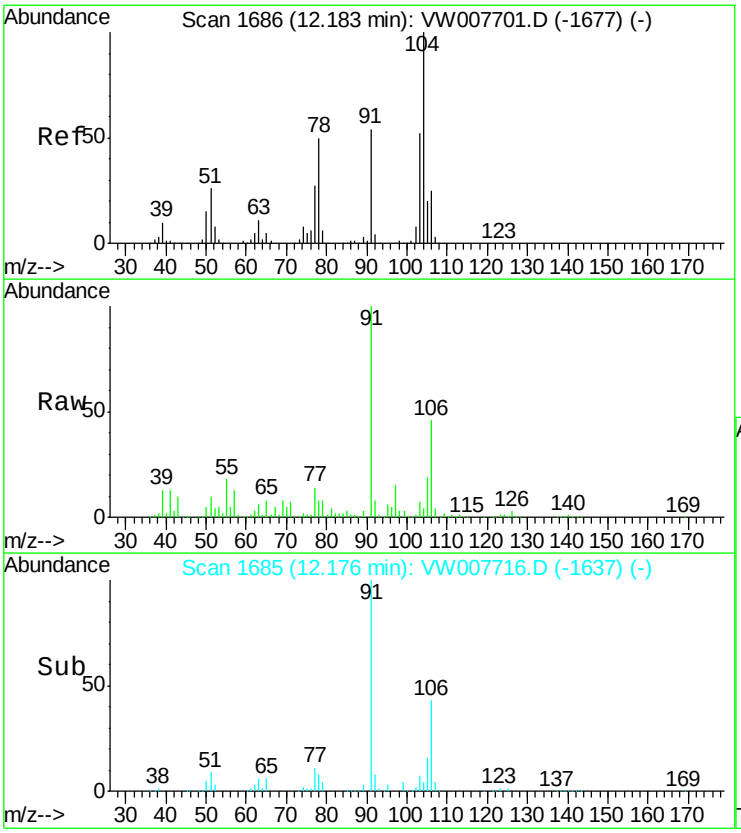
#69
o-Xylene
Concen: 216.331 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:106 Resp: 329406

Ion	Ratio	Lower	Upper
106	100		
91	223.8	110.5	331.4

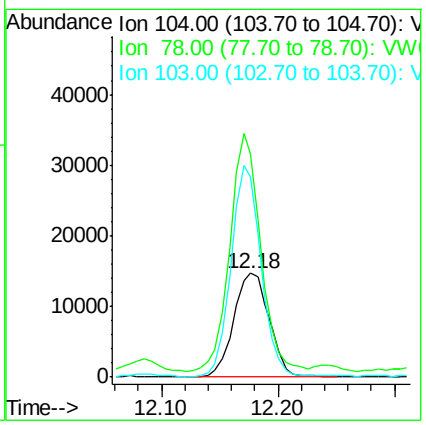


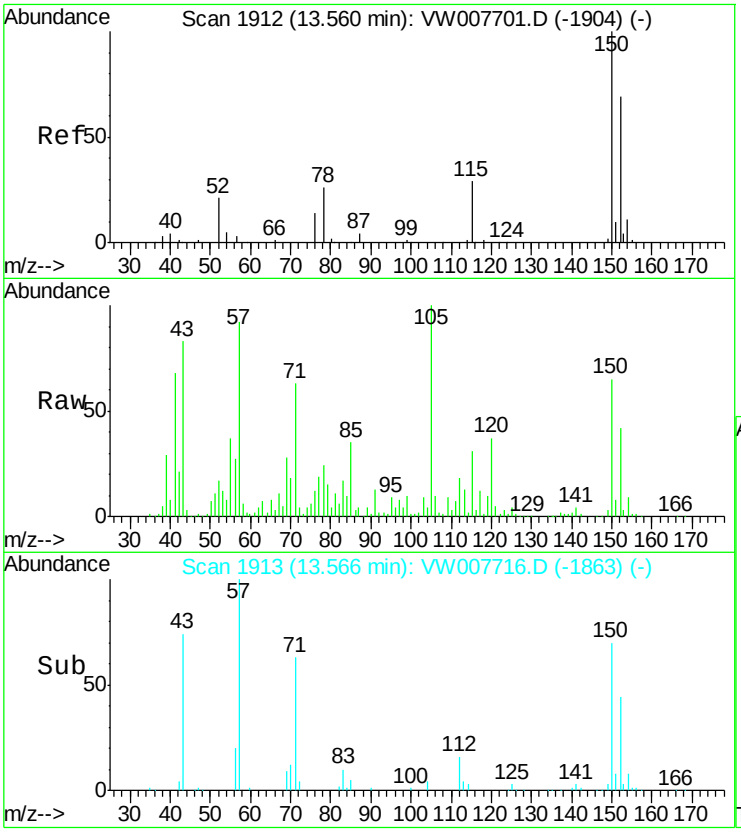


#70
Styrene
Concen: 12.457 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:104 Resp: 31180

Ion	Ratio	Lower	Upper
104	100		
78	197.0	43.4	65.0#
103	170.5	44.5	66.7#



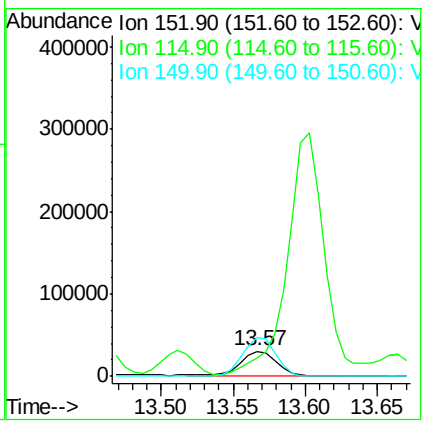


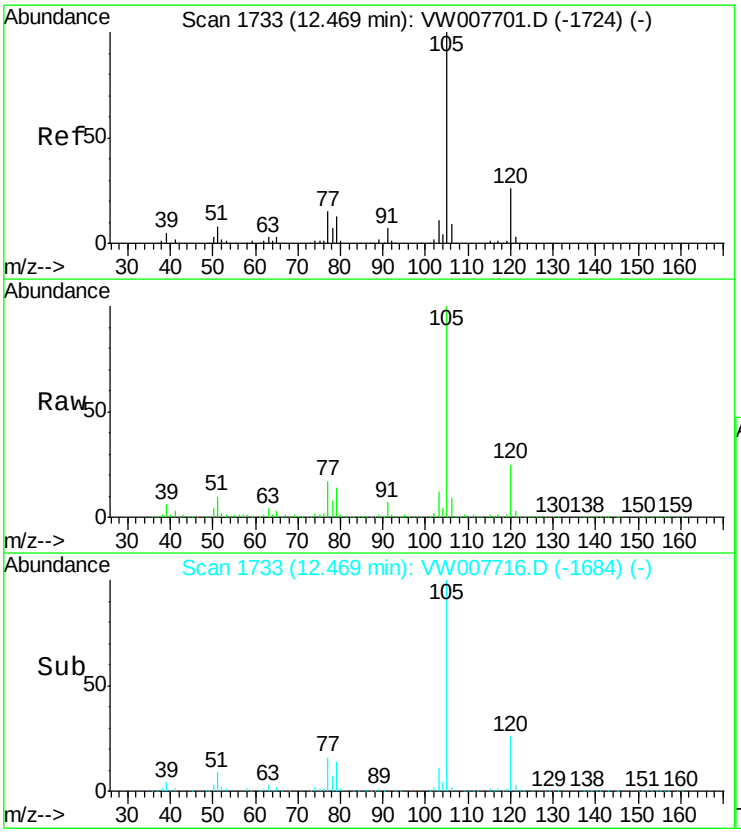
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:152 Resp: 53183

Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.8	95.4#
150	140.1	0.0	350.8

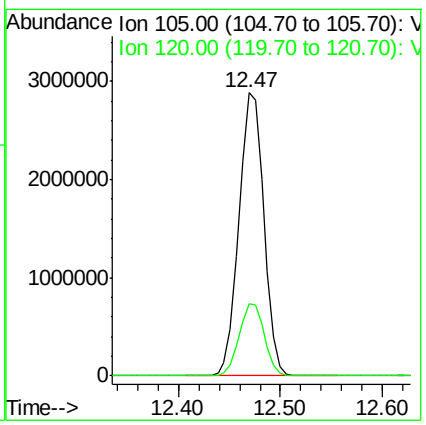


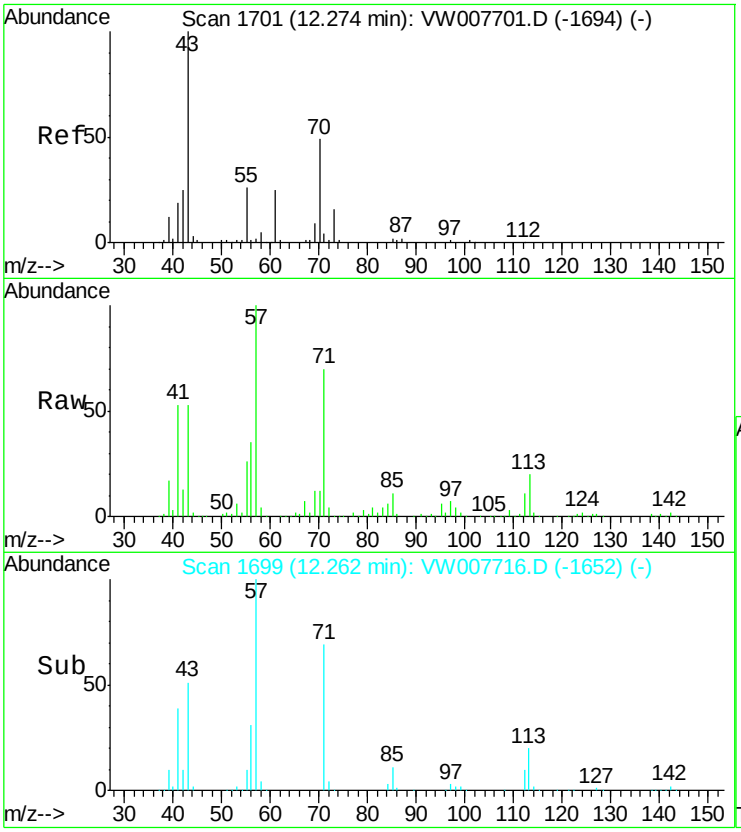


#73
Isopropylbenzene
Concen: 1212.463 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:105 Resp: 4874152

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.1	39.3



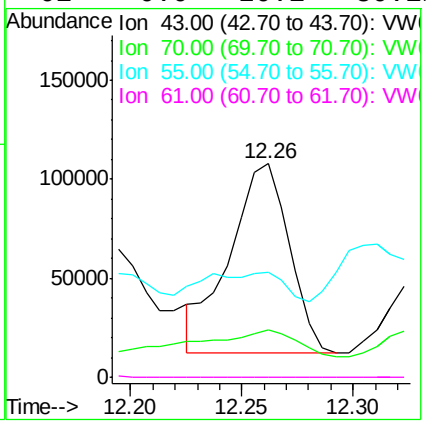


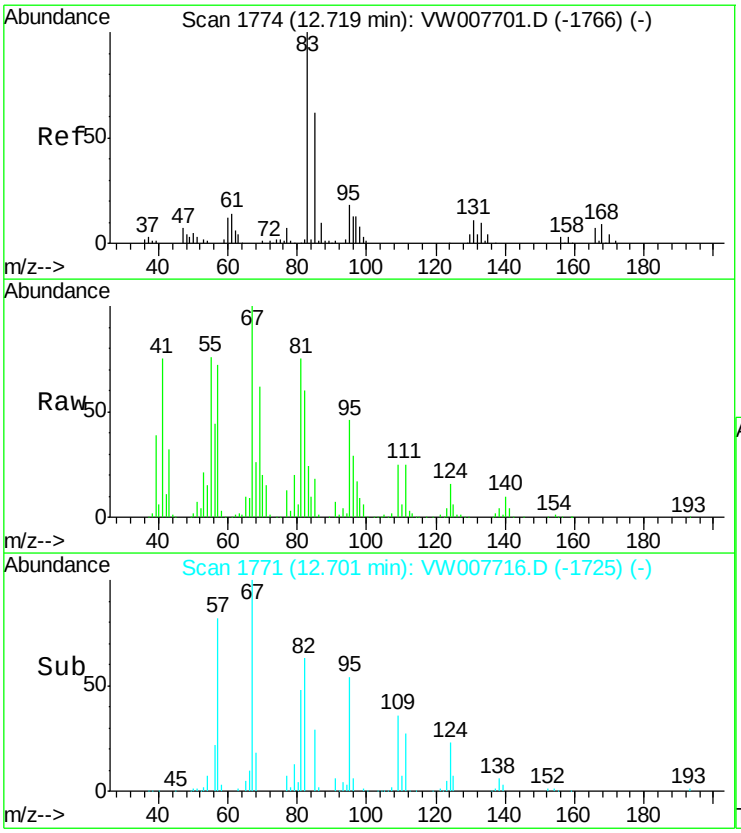
#74
N-amyl acetate
Concen: 257.397 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 43 Resp: 179233

Ion	Ratio	Lower	Upper
43	100		
70	27.3	37.6	56.4#
55	20.3	21.7	32.5#
61	0.0	20.1	30.1#

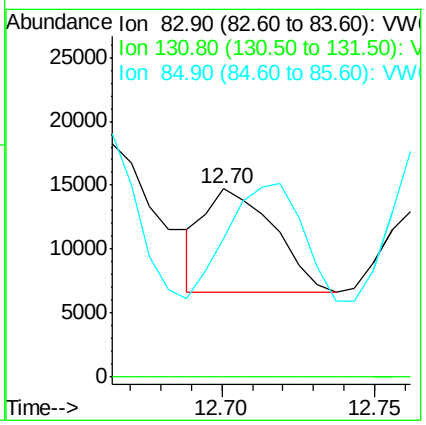


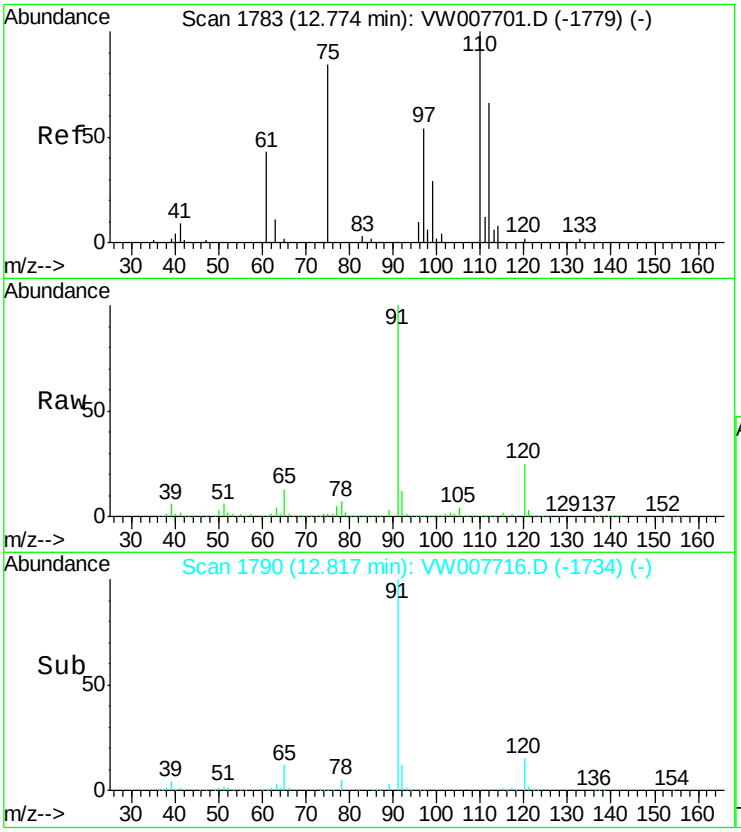


#75
1,1,2,2-Tetrachloroethane
Concen: 21.107 ug/l
RT: 12.70 min Scan# 1771
Delta R.T. -0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 83 Resp: 12722

Ion	Ratio	Lower	Upper
83	100		
131	0.0	6.3	18.8#
85	145.2	32.3	96.8#



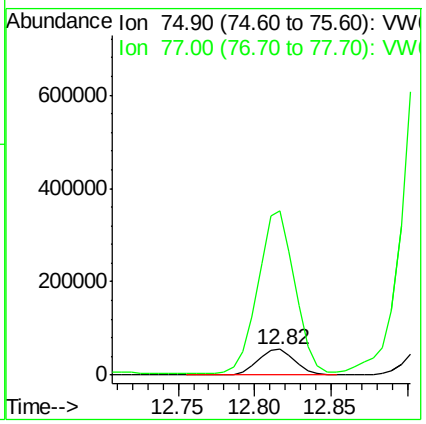


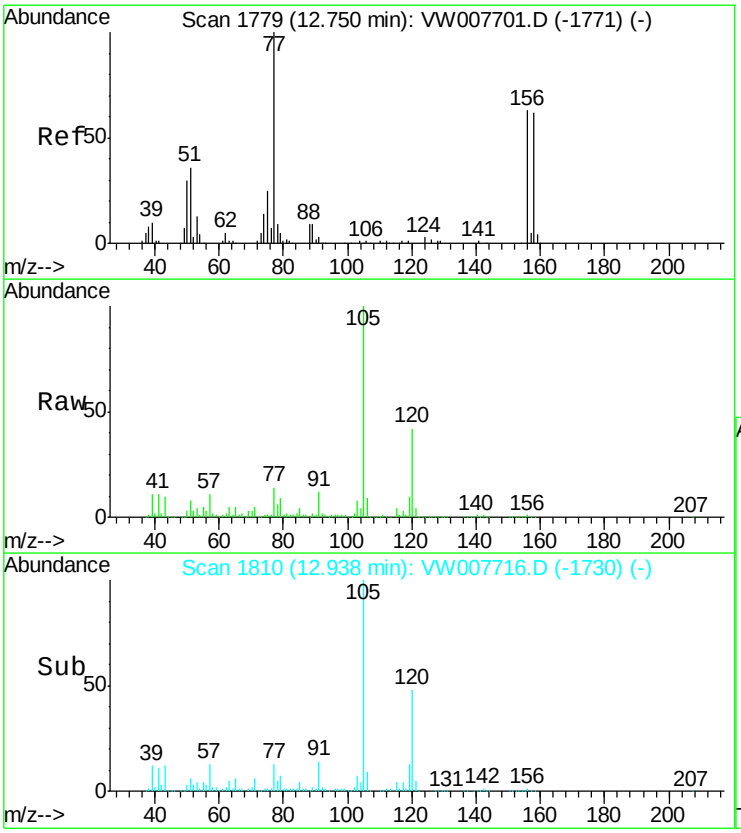
#76
1,2,3-Trichloropropane
Concen: 226.466 ug/l
RT: 12.82 min Scan# 1790
Delta R.T. 0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 75 Resp: 93090

Ion	Ratio	Lower	Upper
75	100		
77	629.2	0.0	0.0#

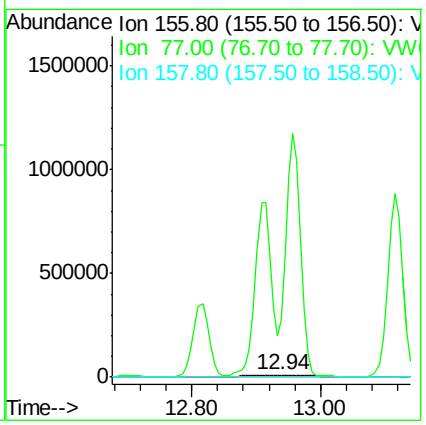


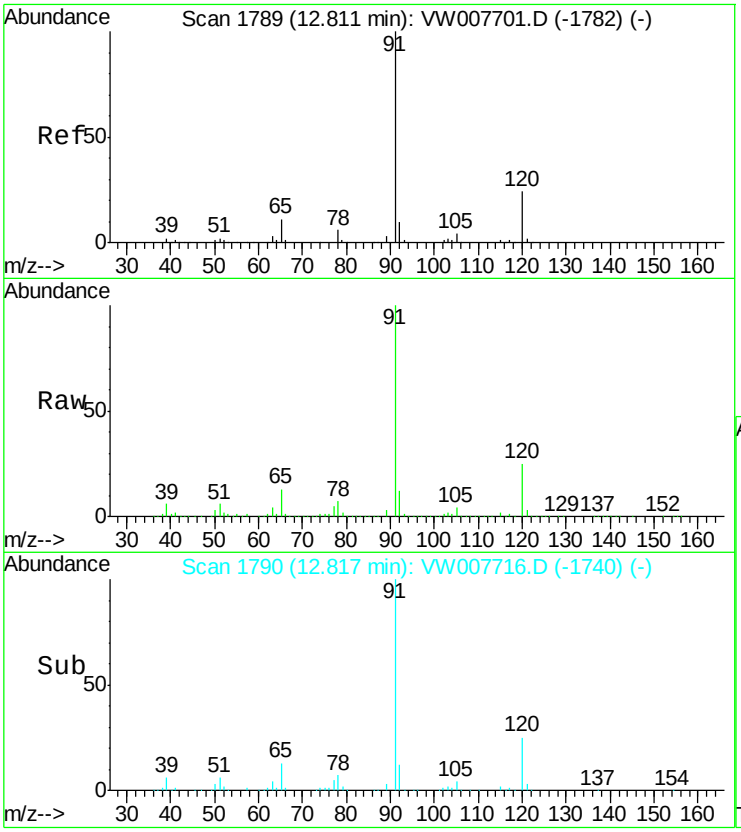


#77
Bromobenzene
Concen: 73.209 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. 0.19 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:156 Resp: 67447

Ion	Ratio	Lower	Upper
156	100		
77	2799.6	87.4	262.1#
158	0.5	48.4	145.0#



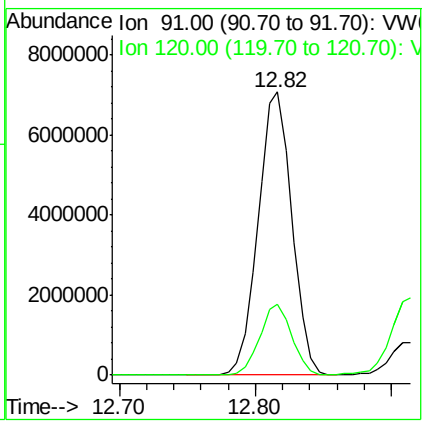


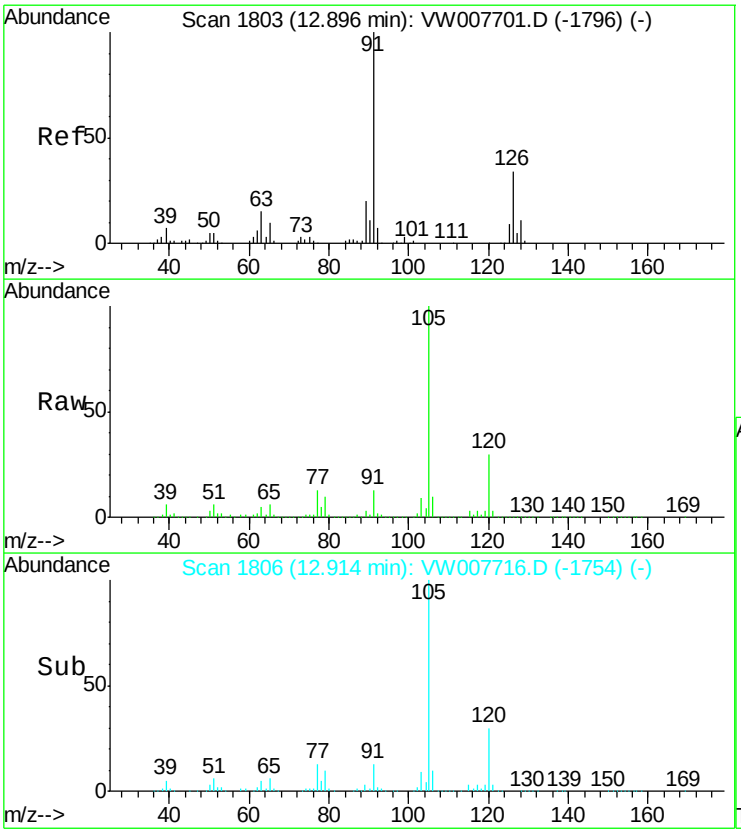
#78
n-propylbenzene
Concen: 2620.359 ug/l
RT: 12.82 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion: 91 Resp:12262198

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.9	35.7

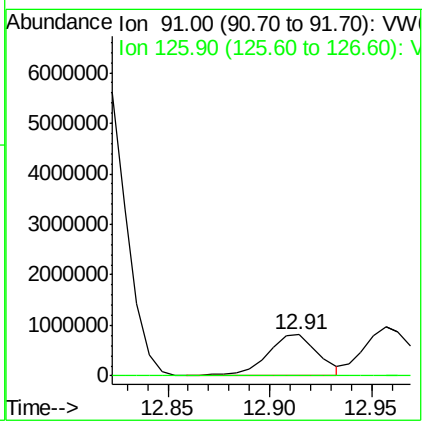


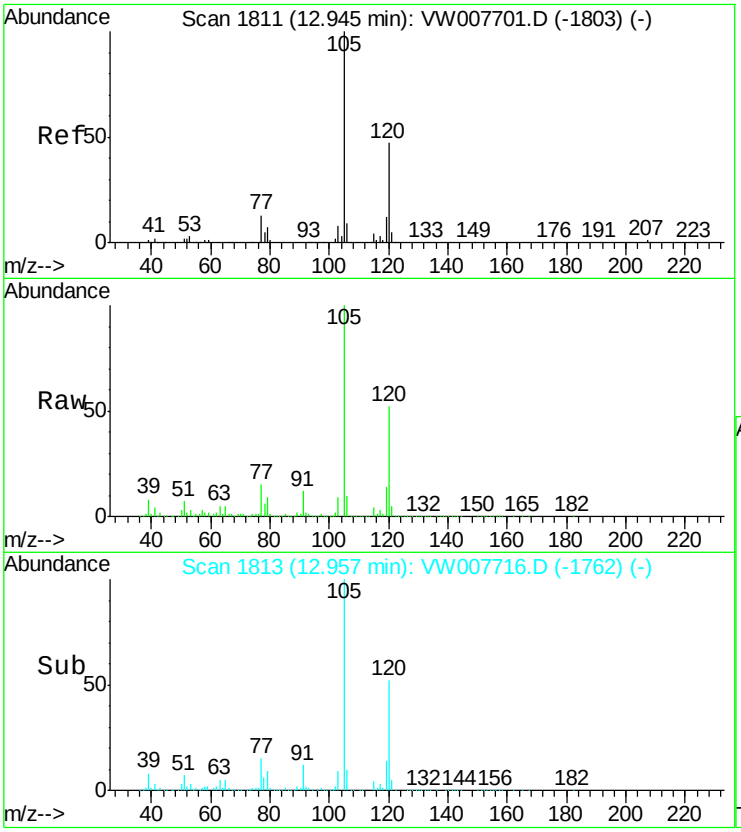


#79
2-Chlorotoluene
Concen: 519.985 ug/l
RT: 12.91 min Scan# 1806
Delta R.T. 0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 91 Resp: 1417522

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	51.0#



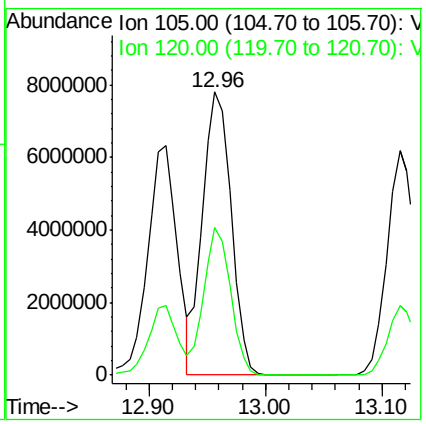


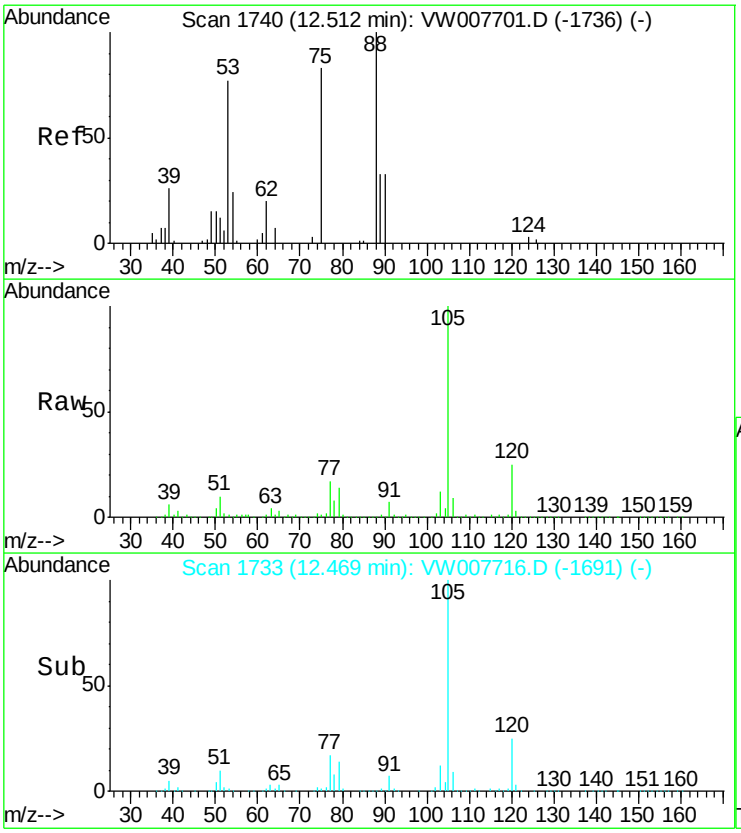
#80
1,3,5-Trimethylbenzene
Concen: 3813.350 ug/l
RT: 12.96 min Scan# 1813
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:105 Resp:13223077

Ion	Ratio	Lower	Upper
105	100		
120	48.9	23.6	70.8

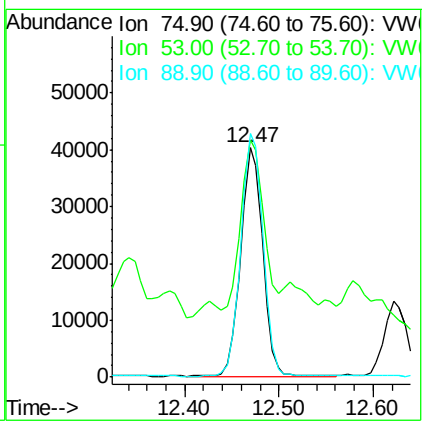


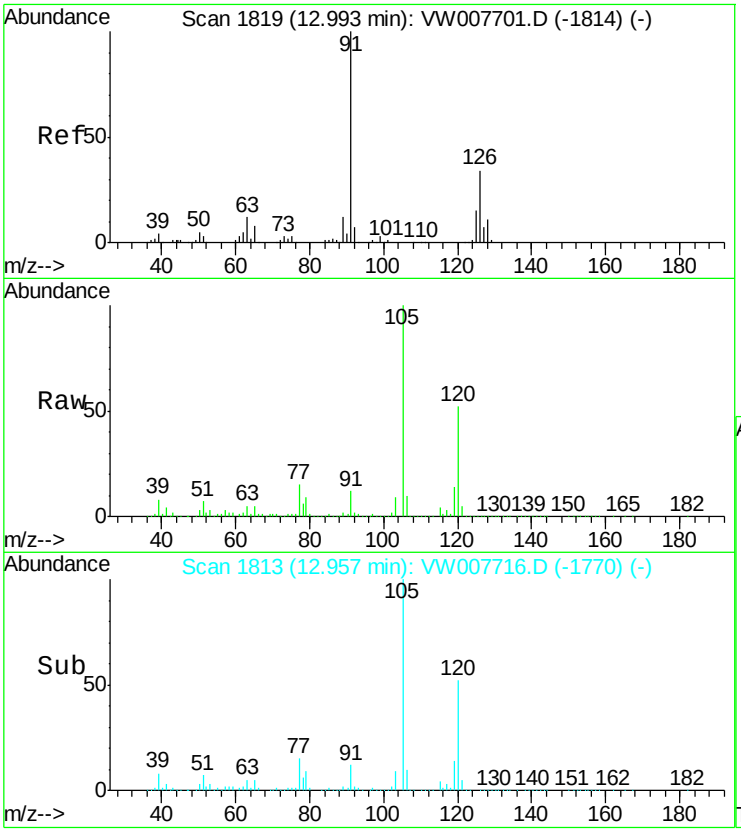


#81
trans-1,4-Dichloro-2-butene
Concen: 336.256 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 75 Resp: 65848

Ion	Ratio	Lower	Upper
75	100		
53	75.5	80.2	120.2#
89	107.3	39.2	58.8#



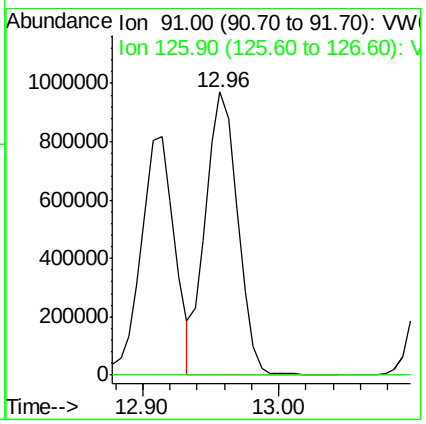


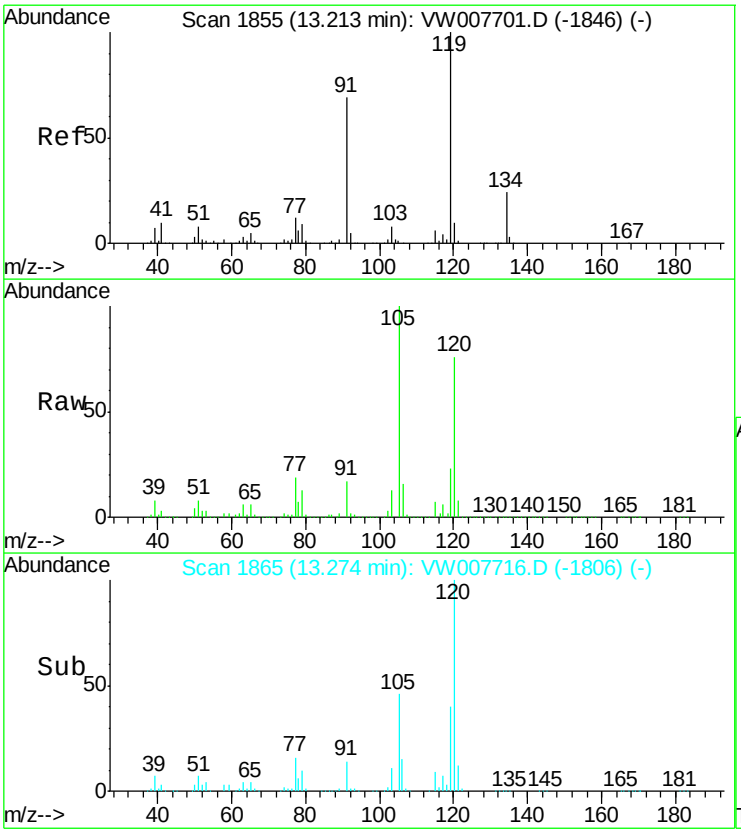
#82
4-Chlorotoluene
Concen: 546.441 ug/l
RT: 12.96 min Scan# 1813
Delta R.T. -0.04 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion: 91 Resp: 1586120

Ion	Ratio	Lower	Upper
91	100		
126	0.1	16.5	49.5#

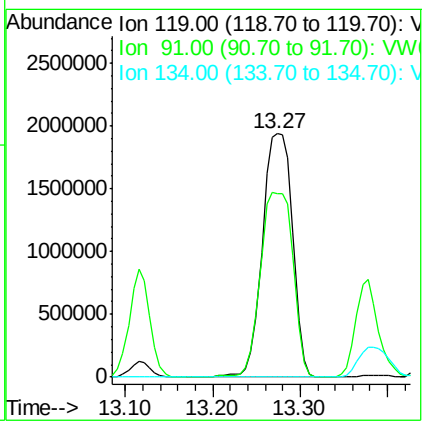


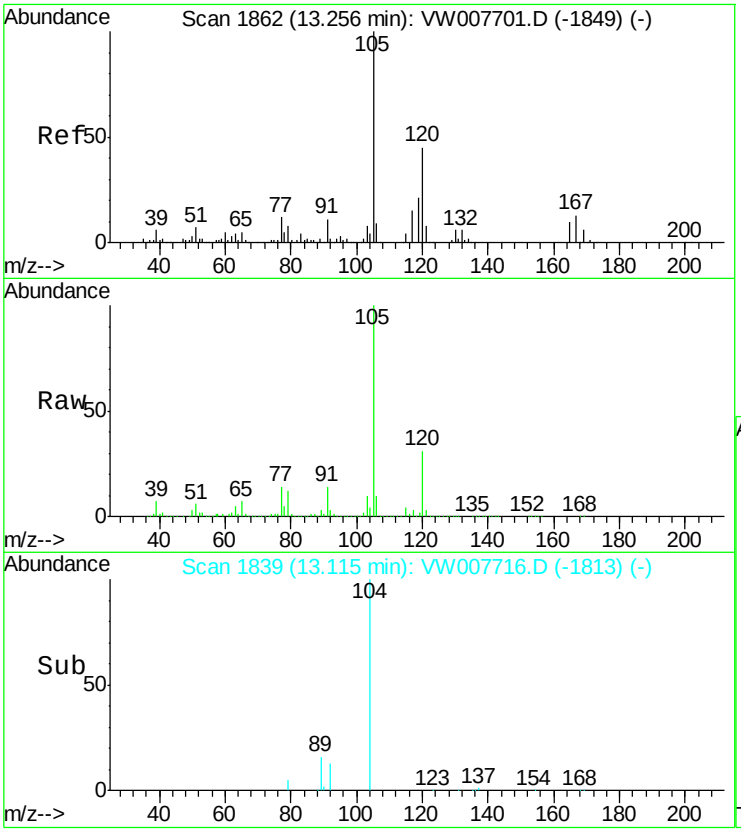


#83
tert-Butylbenzene
Concen: 1533.623 ug/l
RT: 13.27 min Scan# 1865
Delta R.T. 0.06 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:119 Resp: 4666096

Ion	Ratio	Lower	Upper
119	100		
91	81.8	34.2	102.5
134	0.0	12.8	38.4#



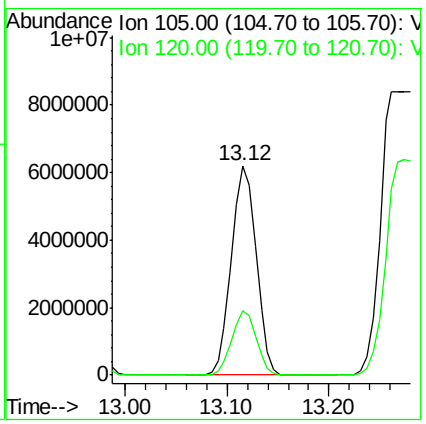


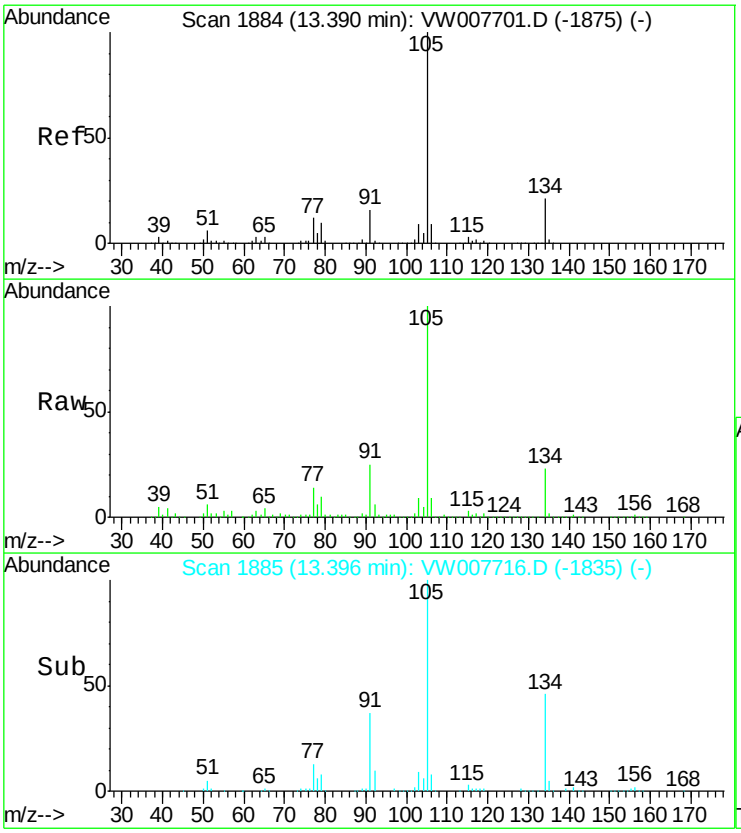
#84
1,2,4-Trimethylbenzene
Concen: 2977.302 ug/l
RT: 13.12 min Scan# 1839
Delta R.T. -0.14 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:105 Resp:10417510

Ion	Ratio	Lower	Upper
105	100		
120	30.3	22.0	66.0

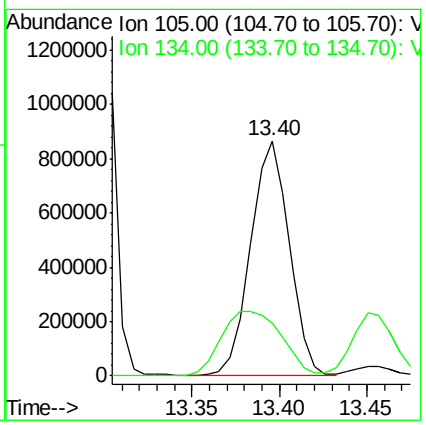


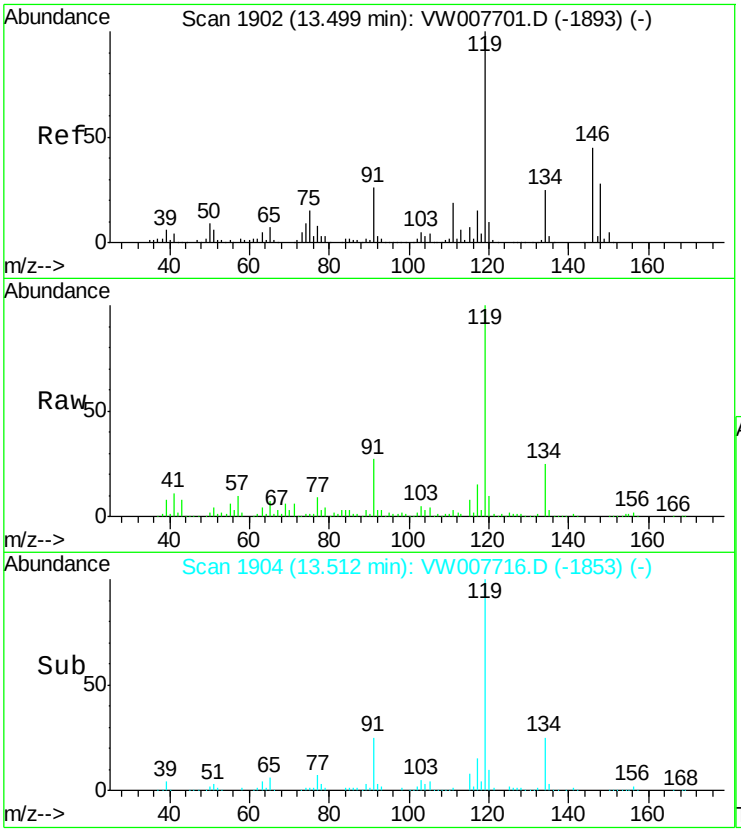


#85
sec-Butylbenzene
Concen: 315.056 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion:105 Resp: 1321078

Ion	Ratio	Lower	Upper
105	100		
134	43.5	10.2	30.4#



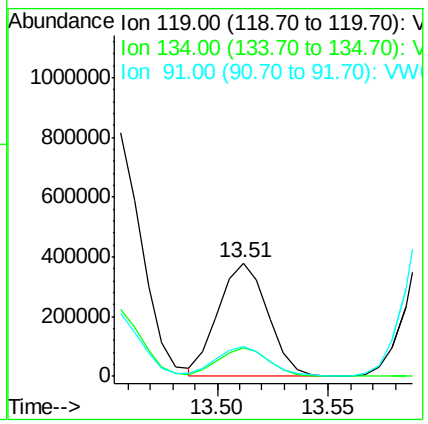


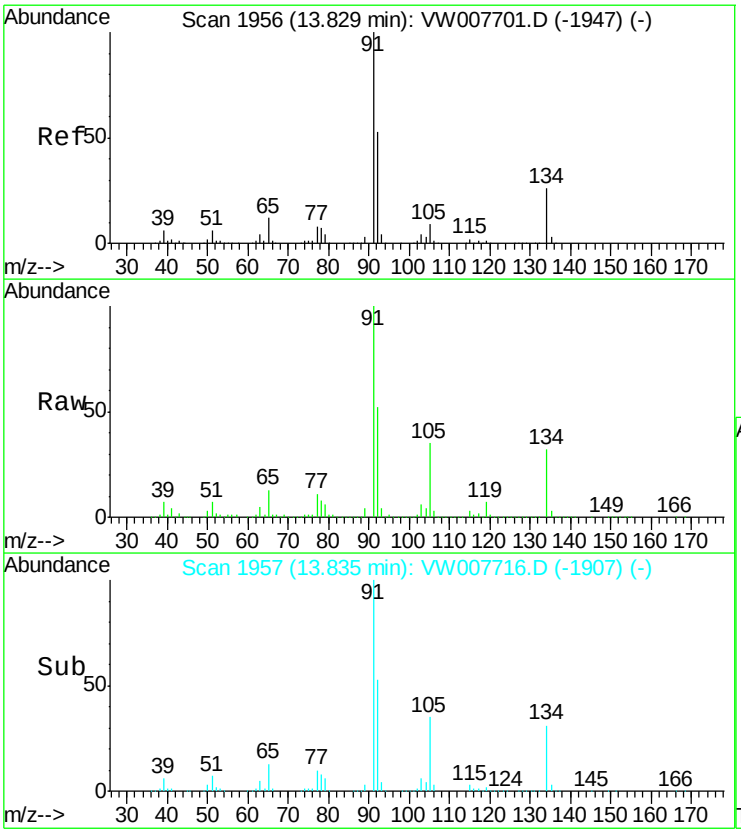
#86
p-Isopropyltoluene
Concen: 153.151 ug/l
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:119 Resp: 583949

Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	26.1	12.8	38.4

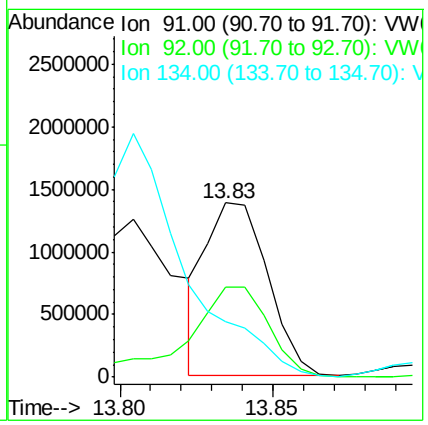


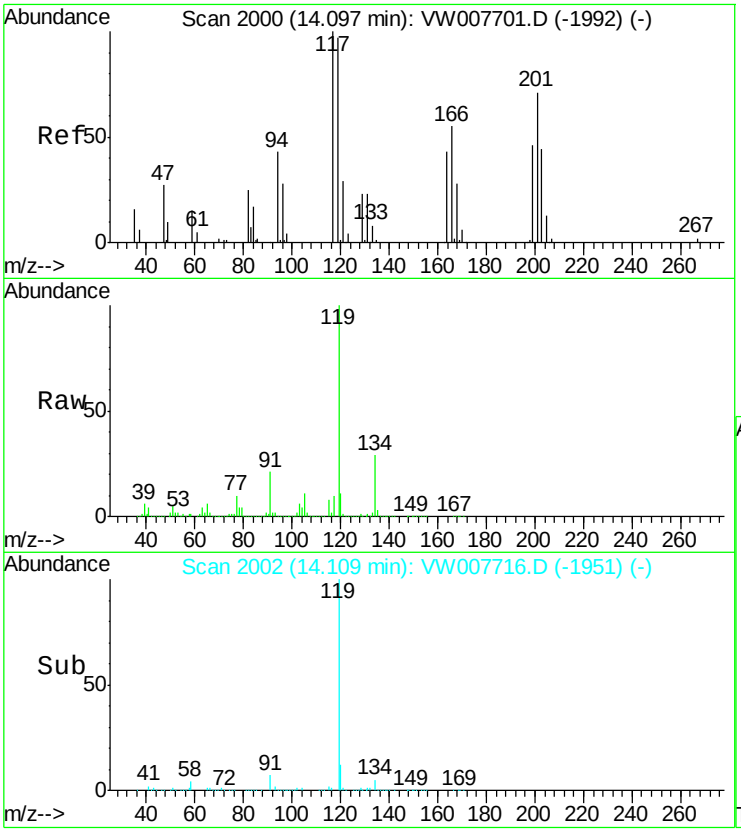


#89
n-Butylbenzene
Concen: 550.676 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 91 Resp: 1925137

Ion	Ratio	Lower	Upper
91	100		
92	70.0	26.4	79.2
134	0.0	13.7	41.0#



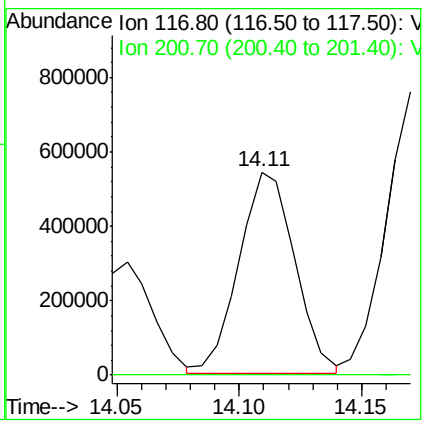


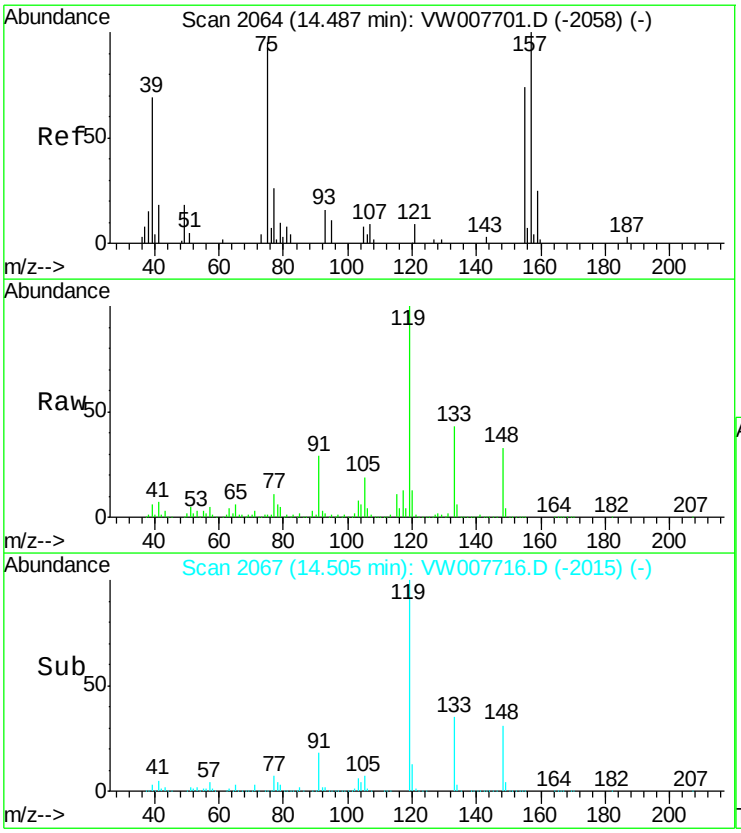
#90
Hexachloroethane
Concen: 1278.482 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument : MSVOA_W
ClientSampleId : KY001SB103-121118-(23-25)

Tgt Ion:117 Resp: 855810

Ion	Ratio	Lower	Upper
117	100		
201	0.0	36.2	108.6#

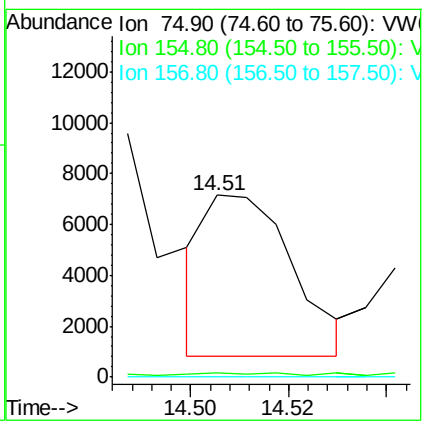


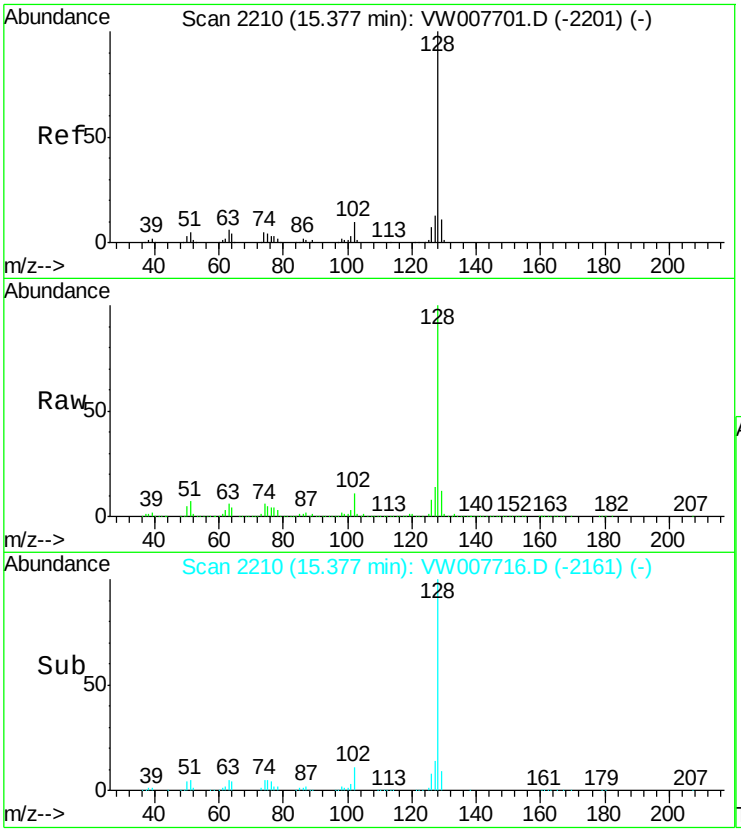


#92
1,2-Dibromo-3-Chloropropane
Concen: 63.006 ug/l
RT: 14.51 min Scan# 2067
Delta R.T. 0.02 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Tgt Ion: 75 Resp: 7799

Ion	Ratio	Lower	Upper
75	100		
155	3.7	39.4	118.1#
157	0.0	52.0	156.0#





#95
Naphthalene
Concen: 3304.785 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007716.D
Acq: 19 Dec 2018 22:37

Instrument :
MSVOA_W
ClientSampleId :
KY001SB103-121118-(23-25)

Tgt Ion:128 Resp: 6946164

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.1	8.8	13.2