Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112718\
Data File : VW007092.D
Acq On : 27 Nov 2018 17:11
Operator : VAY/AP
Sample : J5996-01
Misc : 6.02G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Quant Time: Nov 28 00:27:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	41133	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.85	114	84848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	66100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30091	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	37327	92.69	ug/l	0.01
Spiked Amount 50.000			Recovery = 185.38%			
35) Dibromofluoromethane	7.89	113	31713	66.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 132.36%			
50) Toluene-d8	10.36	98	197406	93.30	ug/l	0.03
Spiked Amount 50.000			Recovery = 186.60%			
62) 4-Bromofluorobenzene	12.62	95	140149	168.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 336.64%			
Target Compounds						Qvalue
3) Chloromethane	2.17	50	30443	89.948	ug/l #	69
6) Chloroethane	2.87	64	338	1.841	ug/l #	1
11) Tert butyl alcohol	4.96	59	2011	76.711	ug/l #	1
13) Acrolein	3.84	56	638306	23709.248	ug/l #	1
14) Allyl chloride	4.78	41	1499155	2427.671	ug/l #	58
15) Acrylonitrile	5.45	53	504247	6358.744	ug/l #	40
16) Acetone	4.10	43	778505	13315.174	ug/l #	53
17) Carbon Disulfide	4.38	76	2893	2.403	ug/l	95
18) Methyl Acetate	4.75	43	671160	3223.455	ug/l #	51
19) Methyl tert-butyl Ether	5.43	73	14898	15.325	ug/l #	1
20) Methylene Chloride	5.08	84	1661795	3992.273	ug/l #	12
22) Diisopropyl ether	6.32	45	13151	10.941	ug/l #	1
23) Vinyl Acetate	6.30	43	246683	386.482	ug/l #	76
24) 1,1-Dichloroethane	6.24	63	46088	63.031	ug/l #	83
25) 2-Butanone	7.18	43	275634	2752.517	ug/l #	49
26) 2,2-Dichloropropane	7.00	77	70952	107.906	ug/l #	53
27) cis-1,2-Dichloroethene	7.18	96	802	1.736	ug/l #	1
28) Bromochloromethane	7.71	49	60247	220.456	ug/l #	7
29) Tetrahydrofuran	7.53	42	21242	327.531	ug/l #	32
30) Chloroform	7.65	83	856944	1103.152	ug/l #	19
31) Cyclohexane	7.95	56	3645264	4700.111	ug/l #	61
32) 1,1,1-Trichloroethane	7.86	97	1777	2.540	ug/l #	1
36) 1,1-Dichloropropene	8.34	75	544781	657.040	ug/l #	1
37) Ethyl Acetate	7.18	43	275634	917.377	ug/l #	72
38) Carbon Tetrachloride	7.96	117	4727	5.954	ug/l #	16
39) Methylcyclohexane	9.35	83	3618886	3487.756	ug/l #	76
40) Benzene	8.33	78	24645230	11011.488	ug/l #	89
41) Methacrylonitrile	7.54	41	254557	1364.244	ug/l #	51
42) 1,2-Dichloroethane	8.41	62	142193	218.827	ug/l #	74
43) Isopropyl Acetate	8.51	43	8920505	15579.687	ug/l #	49
45) 1,2-Dichloropropane	9.35	63	100437	182.044	ug/l #	1
46) Dibromomethane	9.48	93	3010	10.894	ug/l #	1
47) Bromodichloromethane	9.64	83	504700	693.321	ug/l #	25
48) Methyl methacrylate	9.40	41	2253411	8162.112	ug/l #	38

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007092.D
Acq On : 27 Nov 2018 17:11
Operator : VAY/AP
Sample : J5996-01
Misc : 6.02G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Quant Time: Nov 28 00:27:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
49) 1,4-Dioxane	9.41	88	48	11.689 ug/l #	1
51) 4-Methyl-2-Pentanone	10.13	43	3978131	13748.349 ug/l #	42
52) Toluene	10.40	92	22448856	14738.367 ug/l #	1
53) t-1,3-Dichloropropene	10.76	75	9118	12.930 ug/l #	1
54) cis-1,3-Dichloropropene	10.04	75	1676	1.967 ug/l #	1
55) 1,1,2-Trichloroethane	10.77	97	1092484	2687.557 ug/l #	27
56) Ethyl methacrylate	10.63	69	149735	317.334 ug/l #	12
57) 1,3-Dichloropropane	10.93	76	720	1.057 ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.93	63	73532	298.222 ug/l #	45
59) 2-Hexanone	10.95	43	899406	4539.093 ug/l #	30
60) Dibromochloromethane	10.86	129	1064	2.297 ug/l	85
61) 1,2-Dibromoethane	11.24	107	410265	1103.287 ug/l #	3
65) Chlorobenzene	11.67	112	29019	21.034 ug/l	99
68) m/p-Xylenes	11.85	106	12316557	12386.792 ug/l #	1
69) o-Xylene	12.19	106	16518162	17617.994 ug/l #	1
70) Styrene	12.19	104	961597	644.407 ug/l #	1
73) Isopropylbenzene	12.48	105	4516121	1931.094 ug/l	99
74) N-amyl acetate	12.26	43	610981	1558.815 ug/l #	73
75) 1,1,2,2-Tetrachloroethane	12.67	83	30577	98.245 ug/l #	1
76) 1,2,3-Trichloropropane	12.82	75	118181	499.808 ug/l #	100
77) Bromobenzene	12.73	156	2856	5.686 ug/l #	1
78) n-propylbenzene	12.82	91	15847492	5594.297 ug/l	98
79) 2-Chlorotoluene	12.88	91	6898098	4223.234 ug/l #	41
80) 1,3,5-Trimethylbenzene	12.96	105	15233650	7532.700 ug/l	93
81) trans-1,4-Dichloro-2-buten	12.48	75	56558	600.518 ug/l #	49
82) 4-Chlorotoluene	12.96	91	1919412	1119.801 ug/l #	43
83) tert-Butylbenzene	13.27	119	5231560	2987.936 ug/l #	73
84) 1,2,4-Trimethylbenzene	13.12	105	15486939	7686.325 ug/l	81
85) sec-Butylbenzene	13.40	105	1012909	409.496 ug/l #	49
86) p-Isopropyltoluene	13.51	119	474273	217.338 ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	1619	1.579 ug/l #	1
88) 1,4-Dichlorobenzene	13.58	146	4432	4.335 ug/l #	1
89) n-Butylbenzene	13.83	91	2001413	974.597 ug/l #	77
90) Hexachloroethane	14.11	117	733541	2302.453 ug/l #	14
91) 1,2-Dichlorobenzene	13.88	146	927	1.032 ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10799	205.442 ug/l #	5
93) 1,2,4-Trichlorobenzene	15.14	180	6171	10.415 ug/l #	82
95) Naphthalene	15.38	128	6869811	6387.368 ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	1918	3.902 ug/l #	62

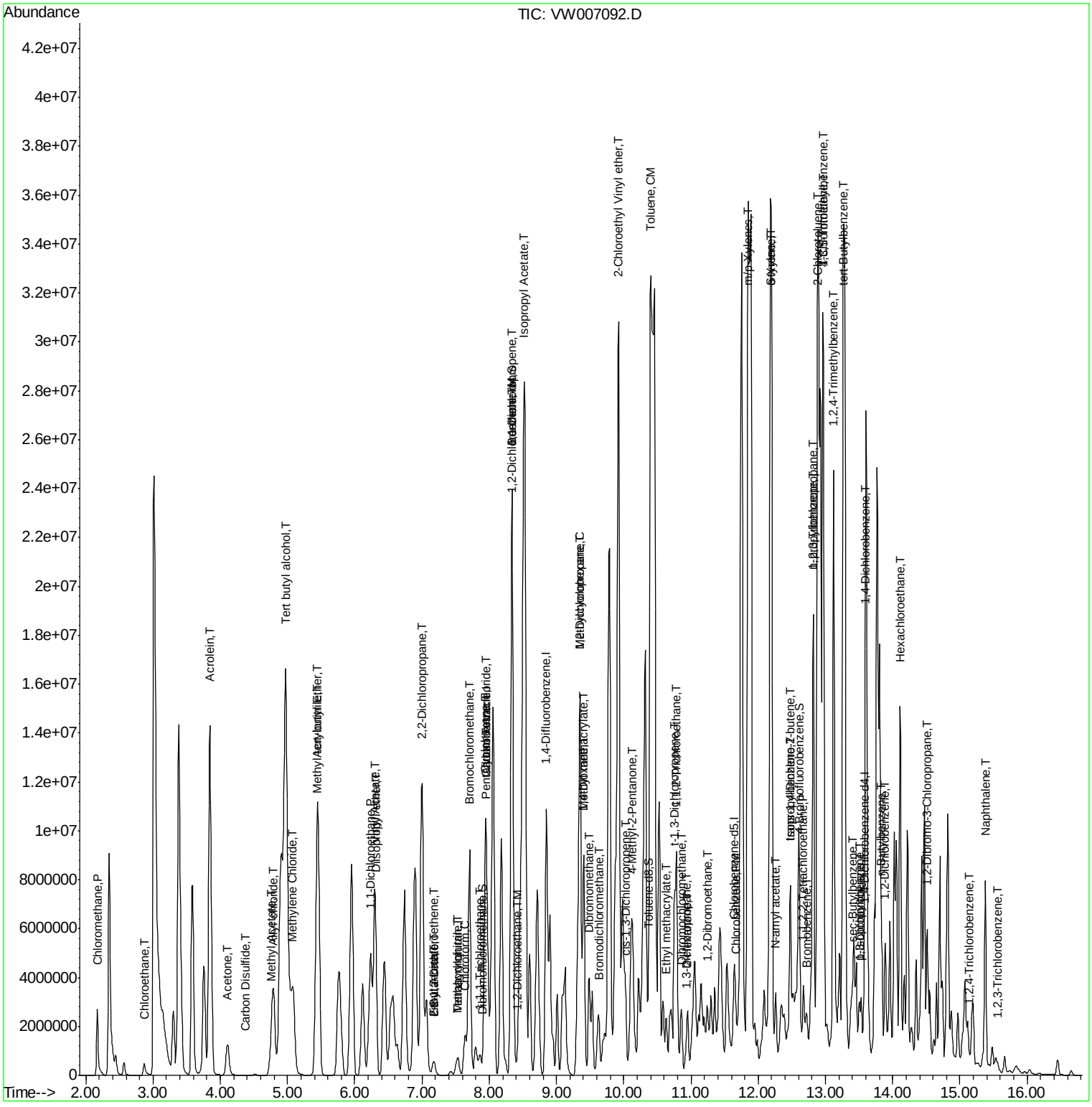
(#) = qualifier out of range (m) = manual integration (+) = signals summed

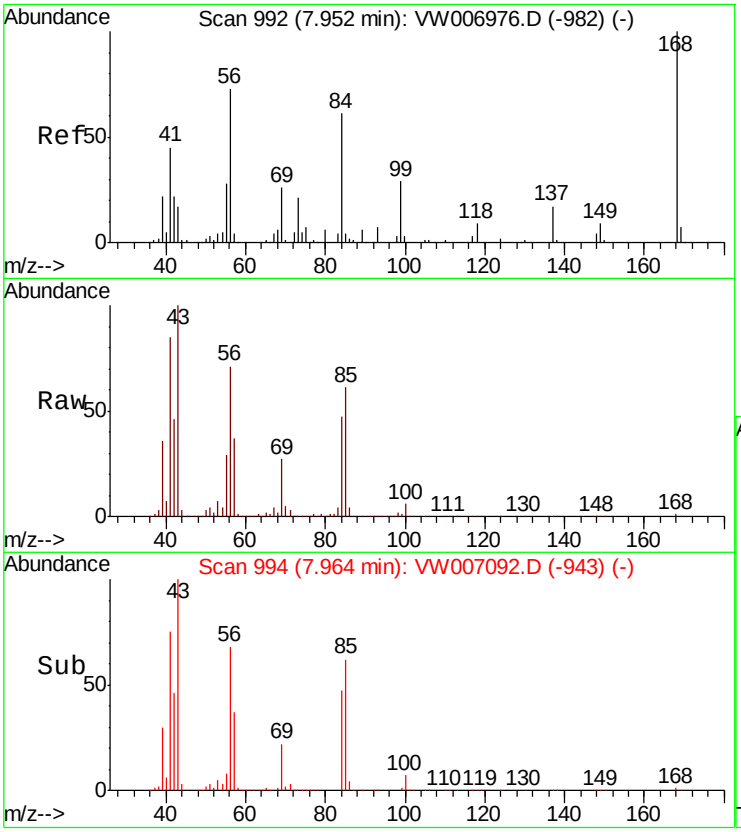
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112718\
Data File : VW007092.D
Acq On : 27 Nov 2018 17:11
Operator : VAY/AP
Sample : J5996-01
Misc : 6.02G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Quant Time: Nov 28 00:27:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration



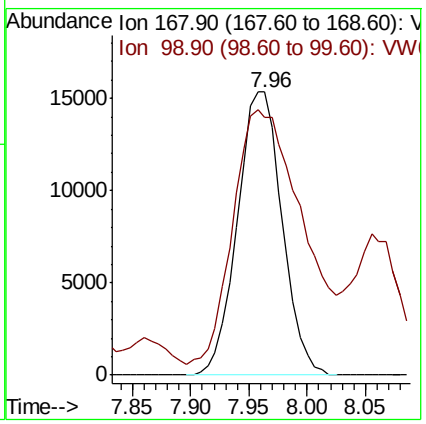


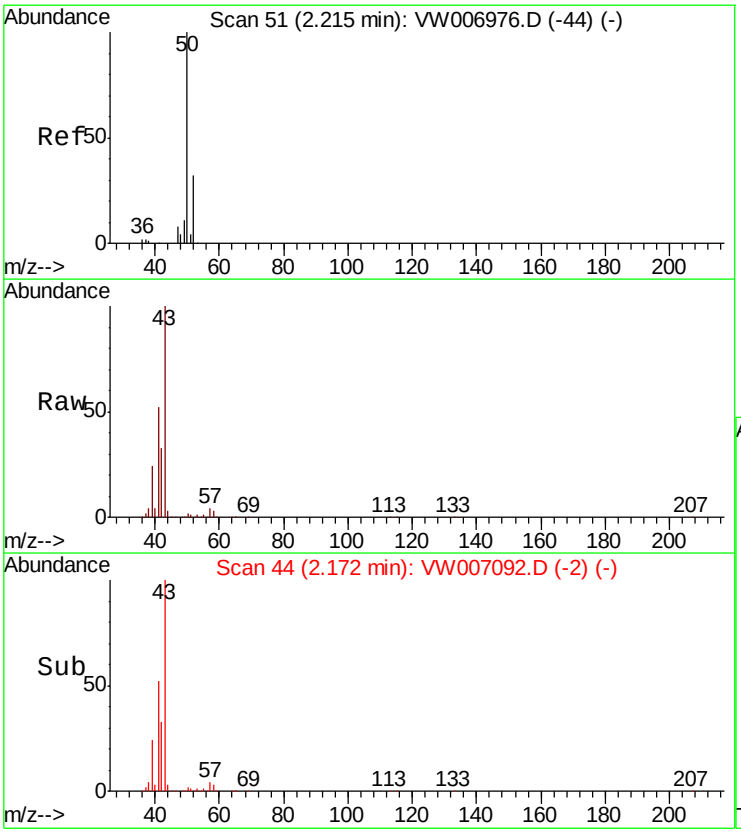
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:168 Resp: 41133

Ion	Ratio	Lower	Upper
168	100		
99	87.0	48.2	72.4#

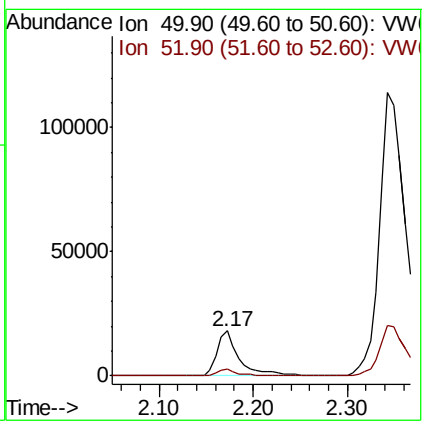


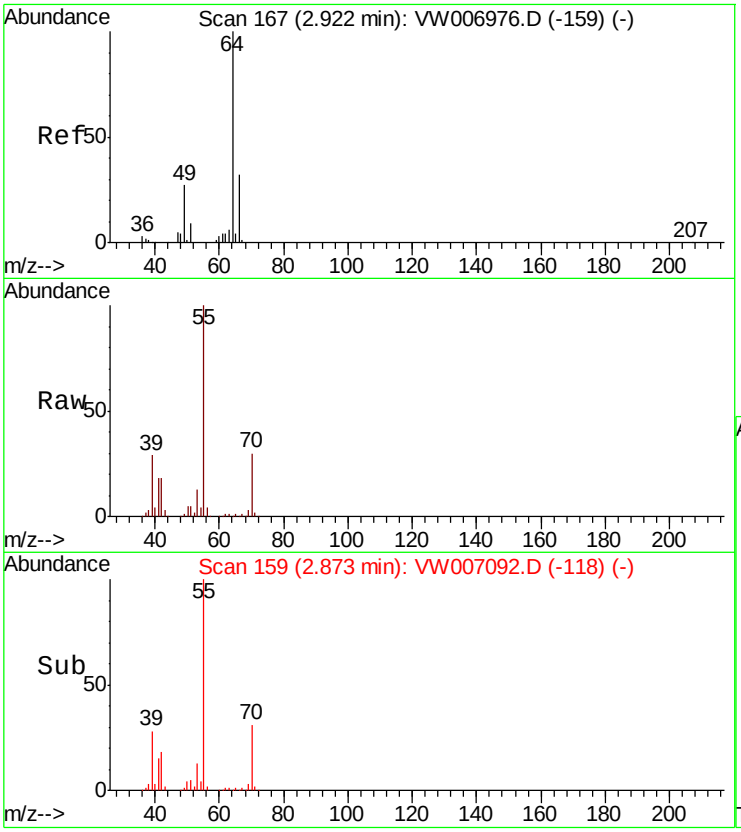


#3
Chloromethane
Concen: 89.948 ug/l
RT: 2.17 min Scan# 44
Delta R.T. -0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 50 Resp: 30443

Ion	Ratio	Lower	Upper
50	100		
52	14.7	25.7	38.5#



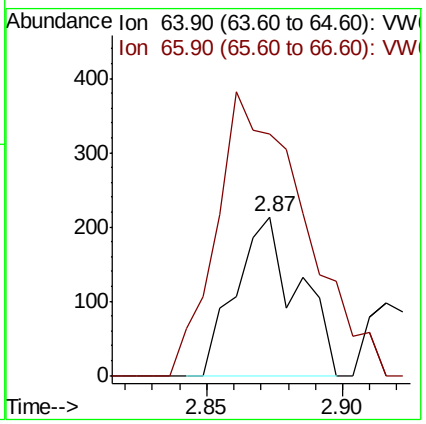


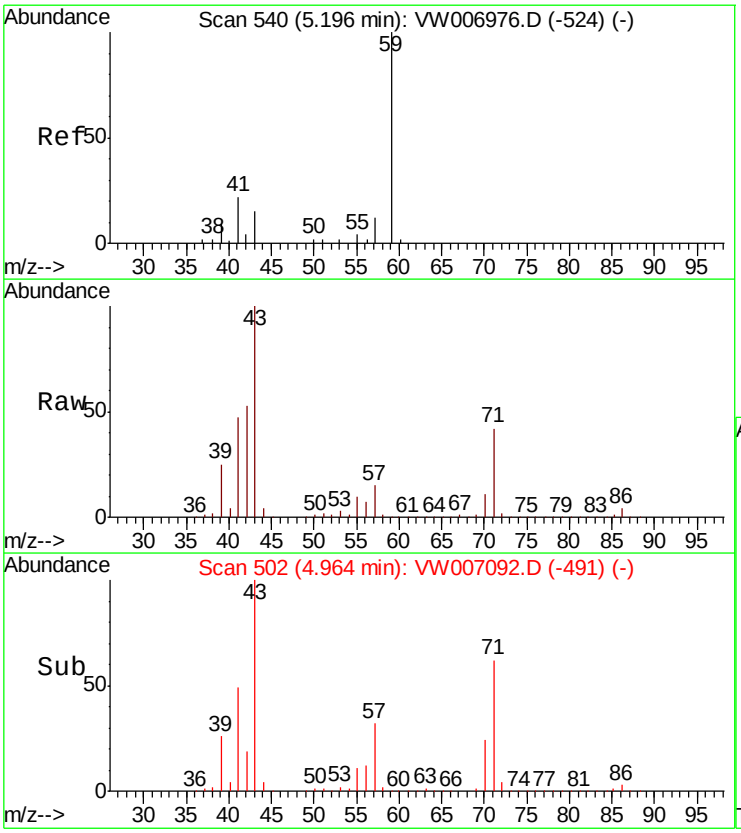
#6
Chloroethane
Concen: 1.841 ug/l
RT: 2.87 min Scan# 159
Delta R.T. -0.05 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 64 Resp: 338

Ion	Ratio	Lower	Upper
64	100		
66	122.4	25.3	37.9#

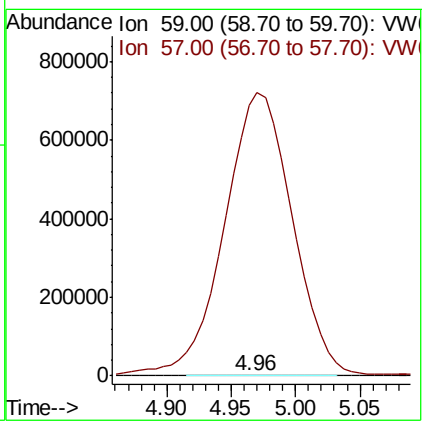


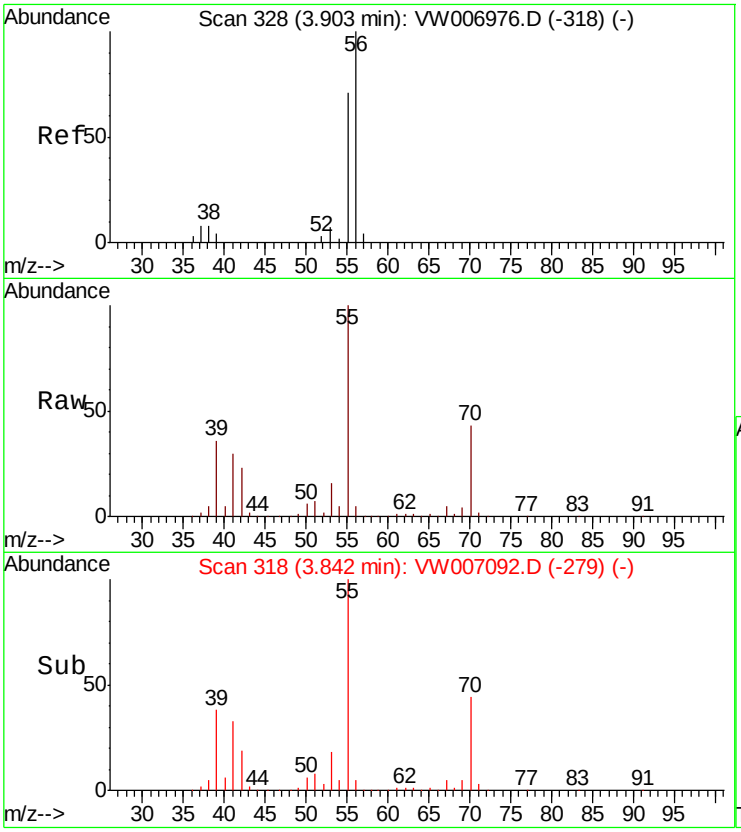


#11
Tert butyl alcohol
Concen: 76.711 ug/l
RT: 4.96 min Scan# 502
Delta R.T. -0.23 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 59 Resp: 2011

Ion	Ratio	Lower	Upper
59	100		
57	129006.4	8.6	13.0#



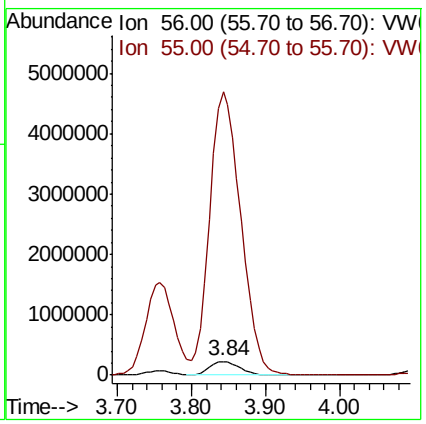


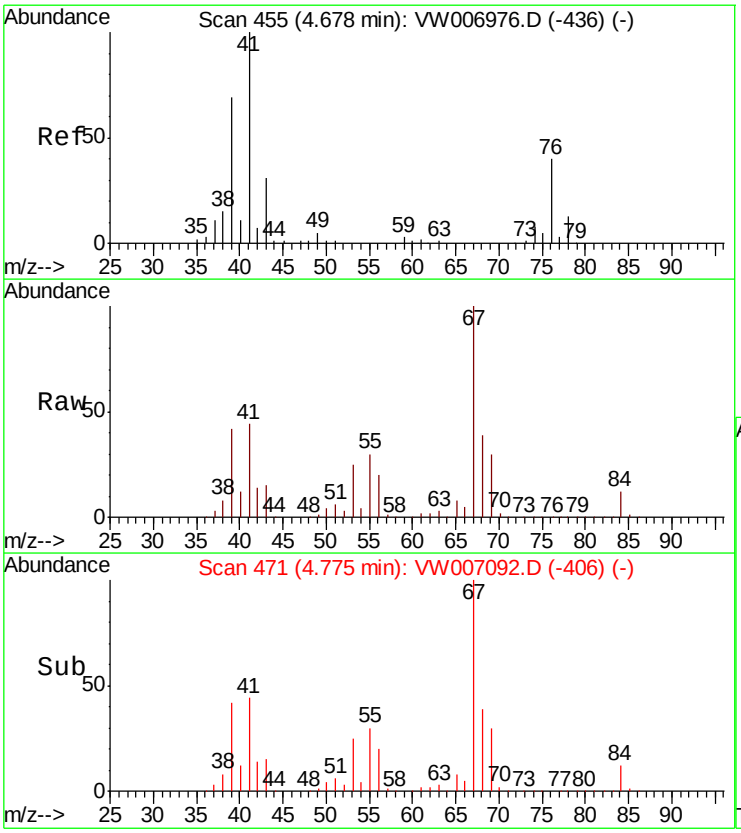
#13
Acrolein
Concen: 23709.248 ug/l
RT: 3.84 min Scan# 318
Delta R.T. -0.06 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 56 Resp: 638306

Ion	Ratio	Lower	Upper
56	100		
55	2124.2	57.5	86.3#

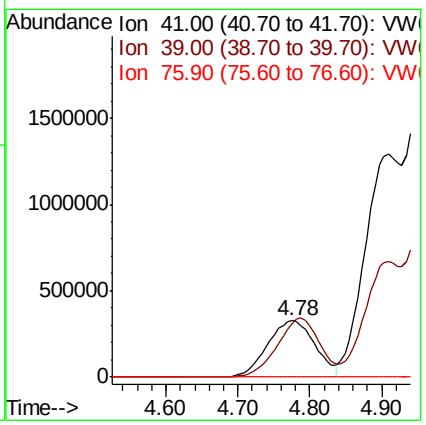


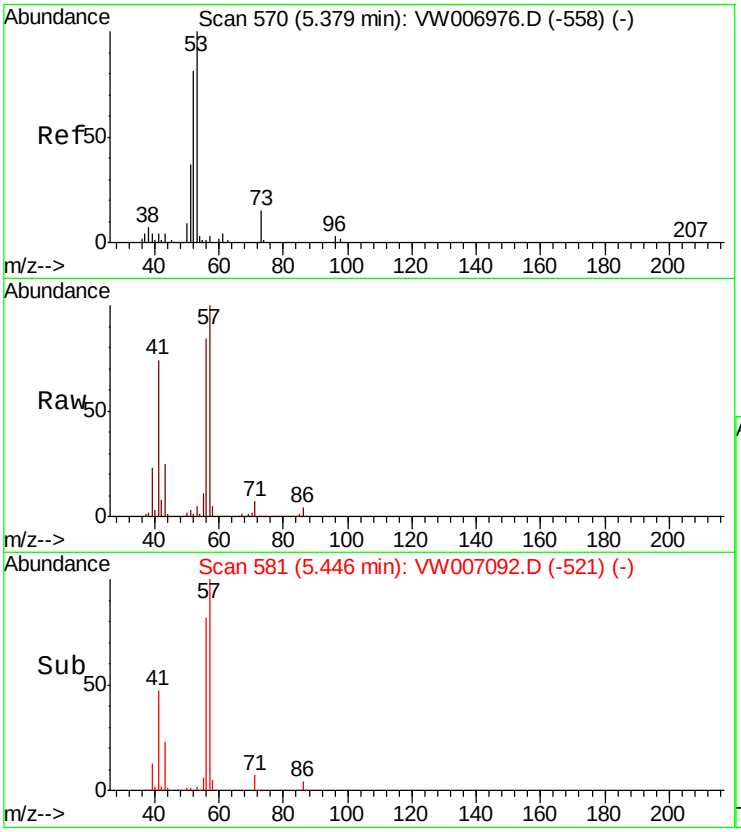


#14
Allyl chloride
Concen: 2427.671 ug/l
RT: 4.78 min Scan# 471
Delta R.T. 0.10 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 41 Resp: 1499155

Ion	Ratio	Lower	Upper
41	100		
39	94.7	55.4	83.2#
76	0.0	29.6	44.4#



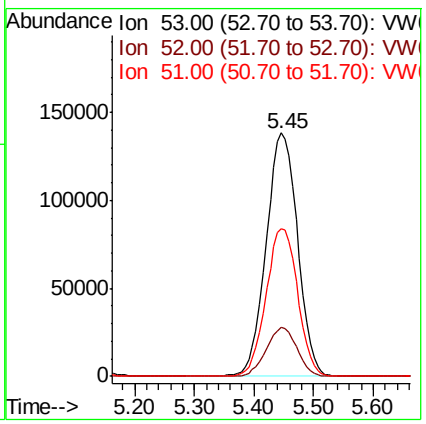


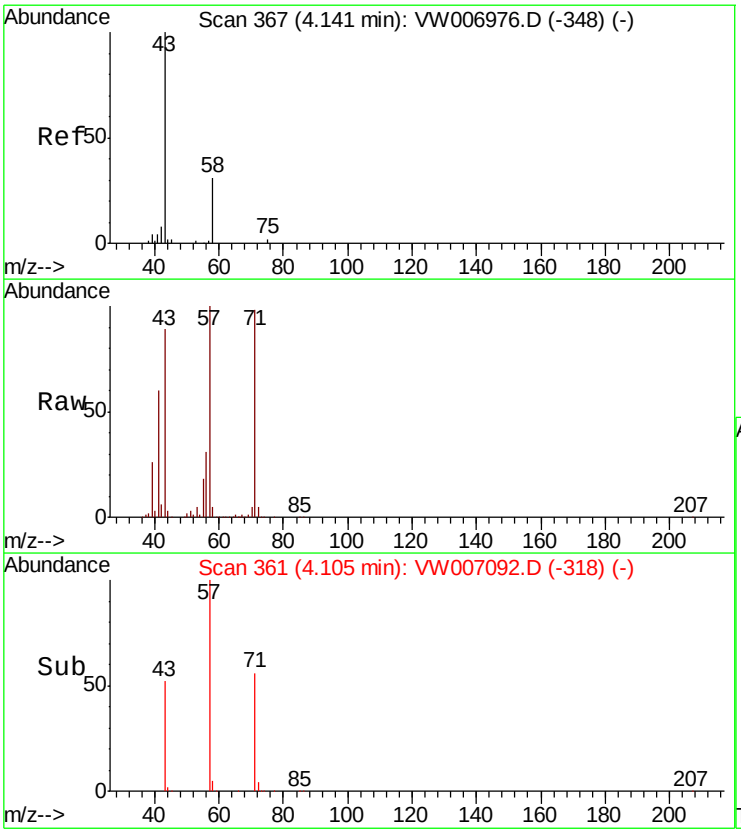
#15
Acrylonitrile
Concen: 6358.744 ug/l
RT: 5.45 min Scan# 581
Delta R.T. 0.07 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 53 Resp: 504247

Ion	Ratio	Lower	Upper
53	100		
52	19.8	65.7	98.5#
51	61.2	29.9	44.9#

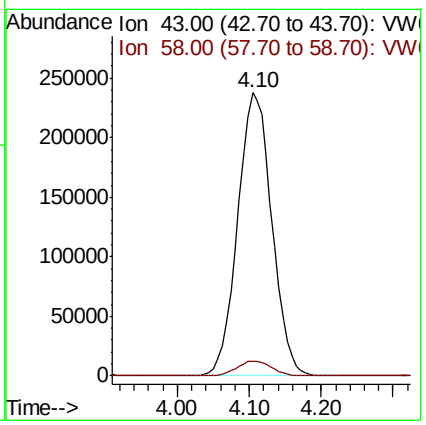


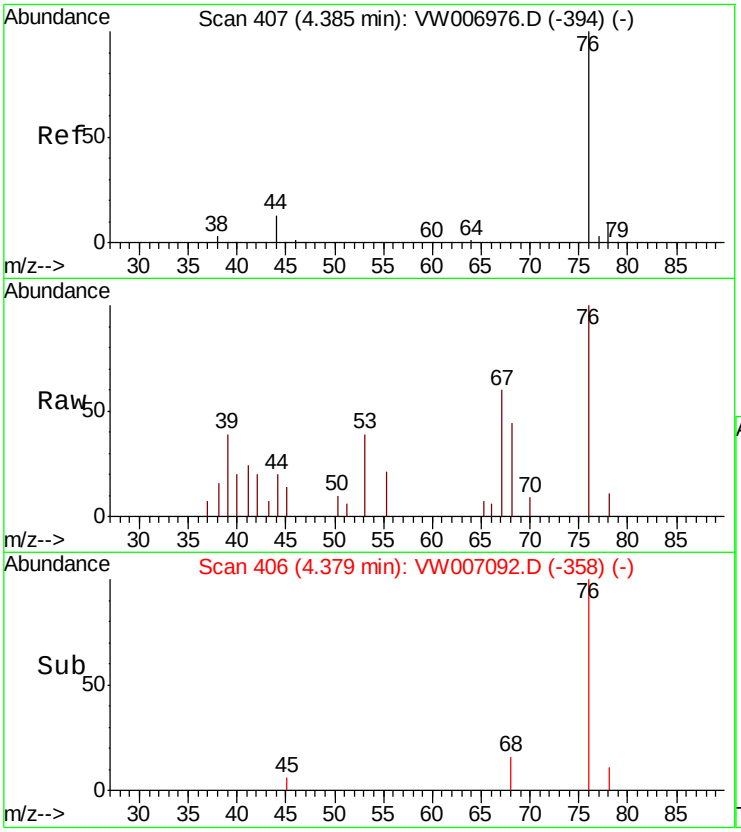


#16
Acetone
Concen: 13315.174 ug/l
RT: 4.10 min Scan# 361
Delta R.T. -0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 778505

Ion	Ratio	Lower	Upper
43	100		
58	5.1	24.8	37.2#



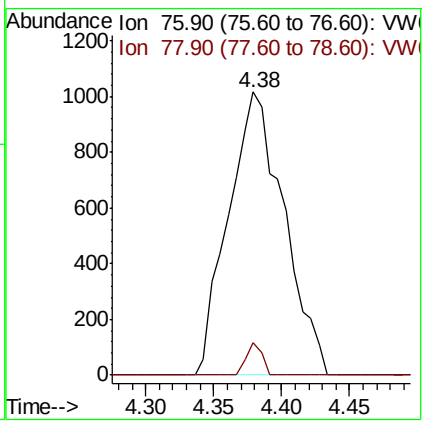


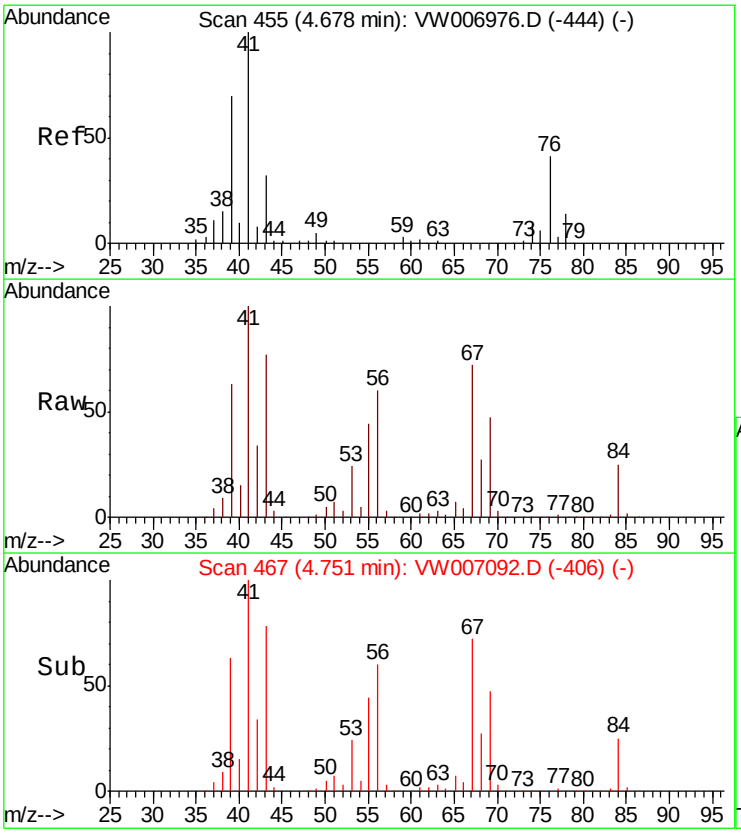
#17
Carbon Disulfide
Concen: 2.403 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 76 Resp: 2893

Ion	Ratio	Lower	Upper
76	100		
78	11.4	7.8	11.6

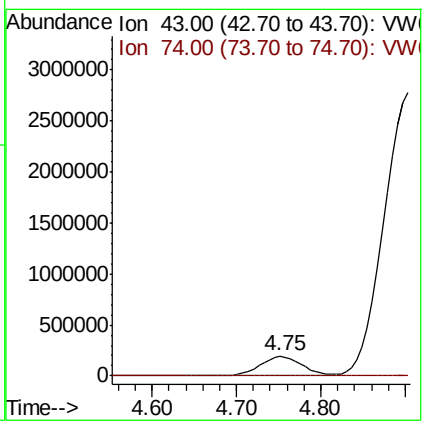


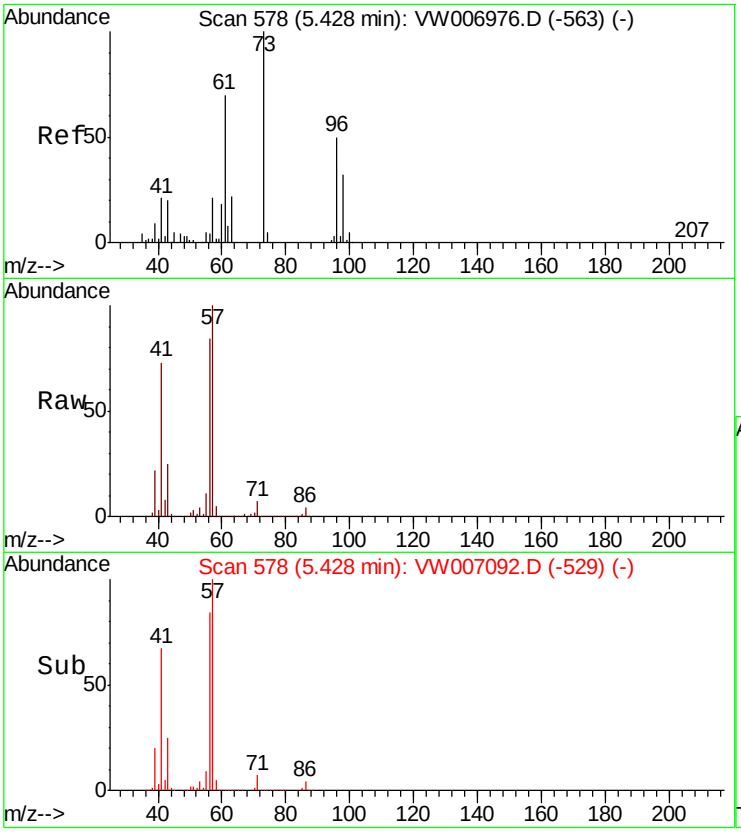


#18
Methyl Acetate
Concen: 3223.455 ug/l
RT: 4.75 min Scan# 467
Delta R.T. 0.07 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 671160

Ion	Ratio	Lower	Upper
43	100		
74	0.4	20.1	30.1#



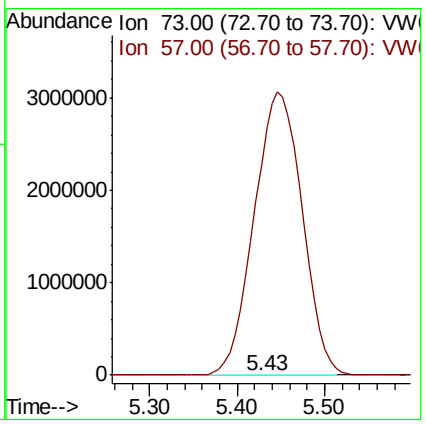


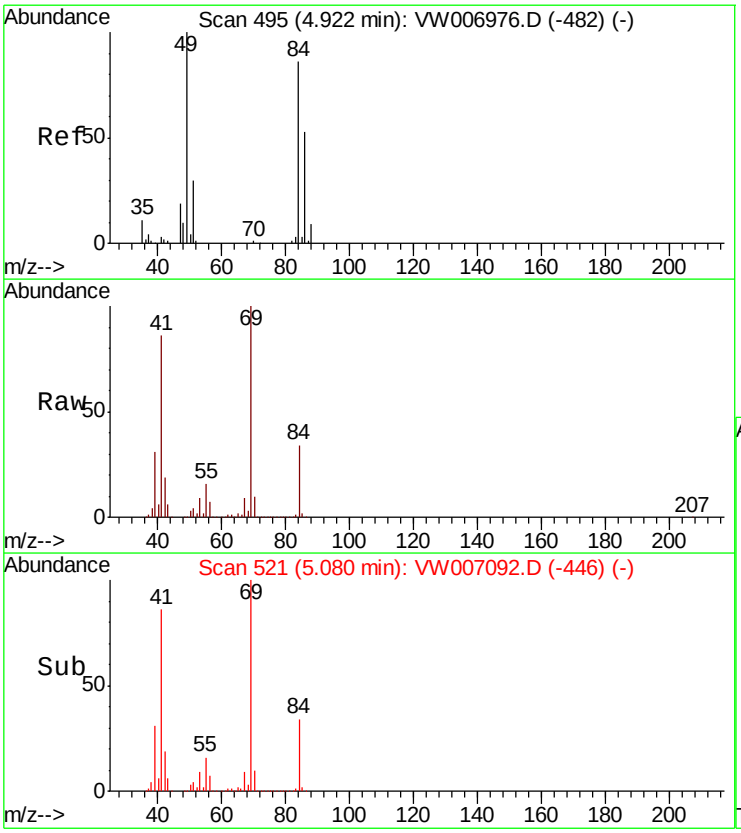
#19
Methyl tert-butyl Ether
Concen: 15.325 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 73 Resp: 14898

Ion	Ratio	Lower	Upper
73	100		
57	60944.4	16.7	25.1#

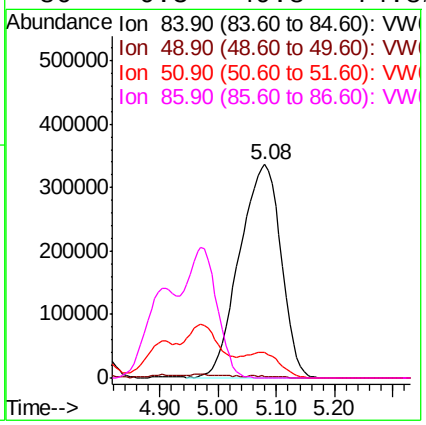


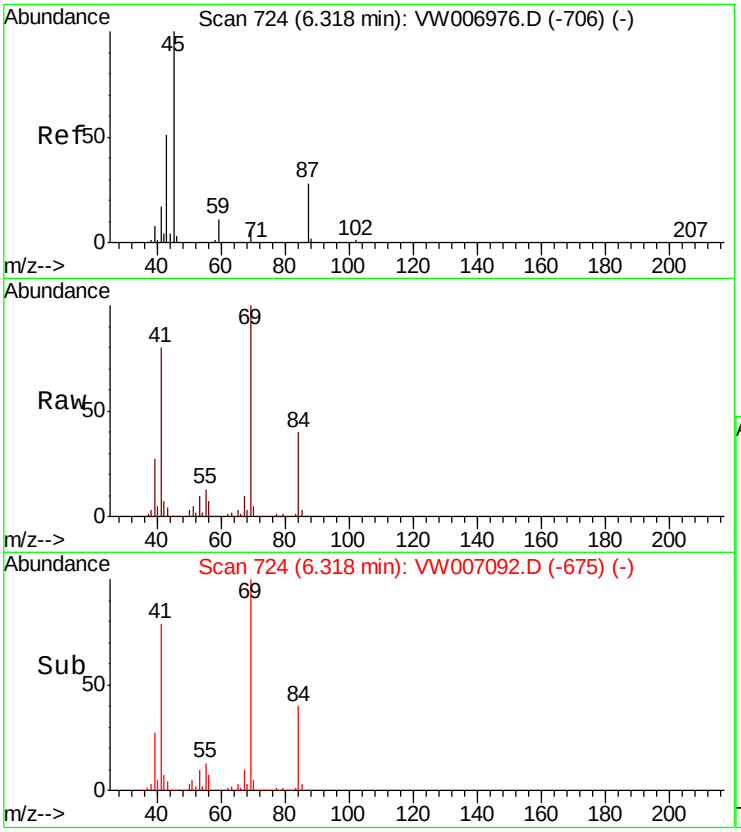


#20
Methylene Chloride
Concen: 3992.273 ug/l
RT: 5.08 min Scan# 521
Delta R.T. 0.16 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 84 Resp: 1661795

Ion	Ratio	Lower	Upper
84	100		
49	0.9	93.4	140.0#
51	11.7	28.4	42.6#
86	0.3	49.8	74.8#



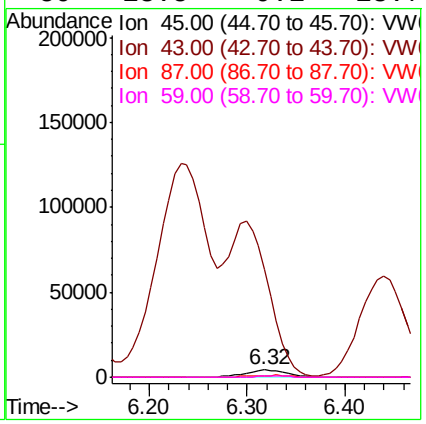


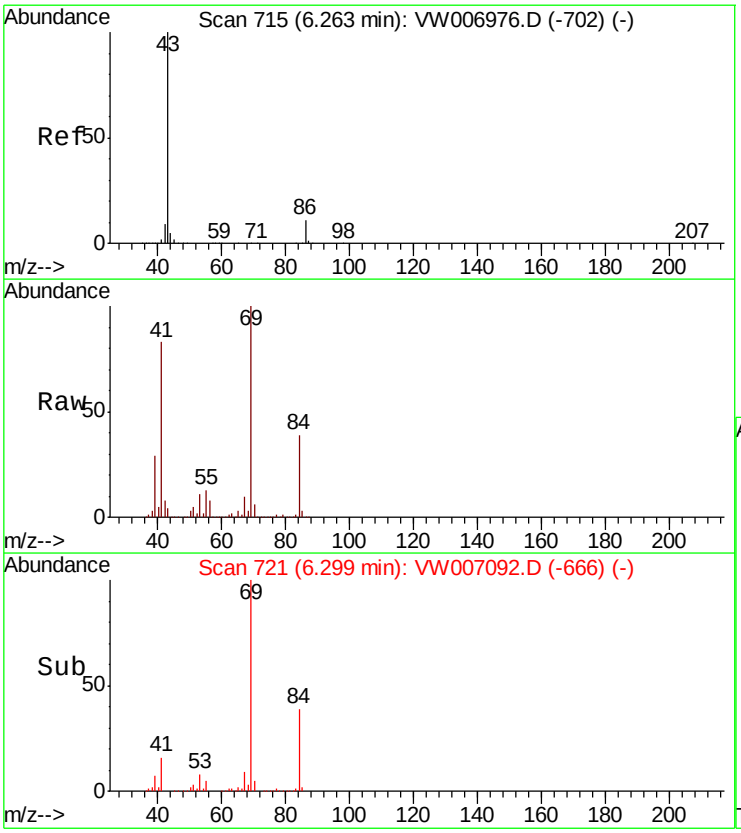
#22
Diisopropyl ether
Concen: 10.941 ug/l
RT: 6.32 min Scan# 724
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 45 Resp: 13151

Ion	Ratio	Lower	Upper
45	100		
43	1394.3	42.5	63.7#
87	26.2	22.8	34.2
59	13.5	9.1	13.7

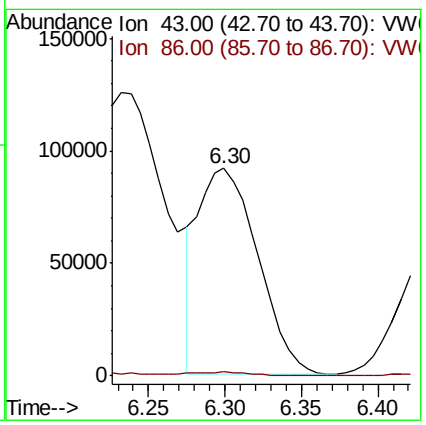


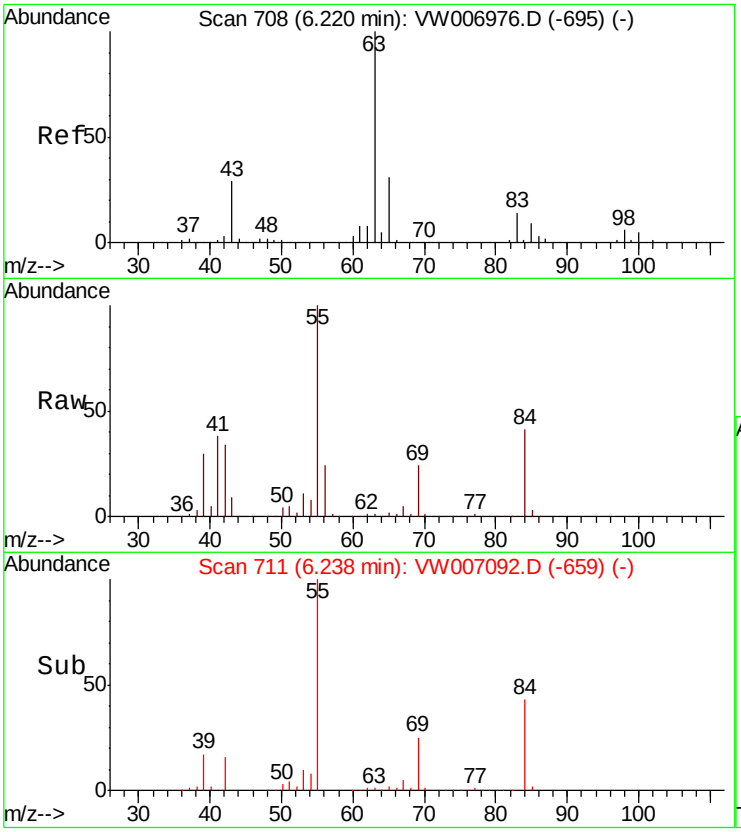


#23
Vinyl Acetate
Concen: 386.482 ug/l
RT: 6.30 min Scan# 721
Delta R.T. 0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 246683

Ion	Ratio	Lower	Upper
43	100		
86	1.8	8.7	13.1#



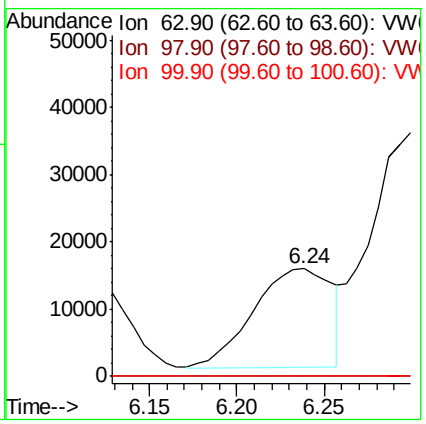


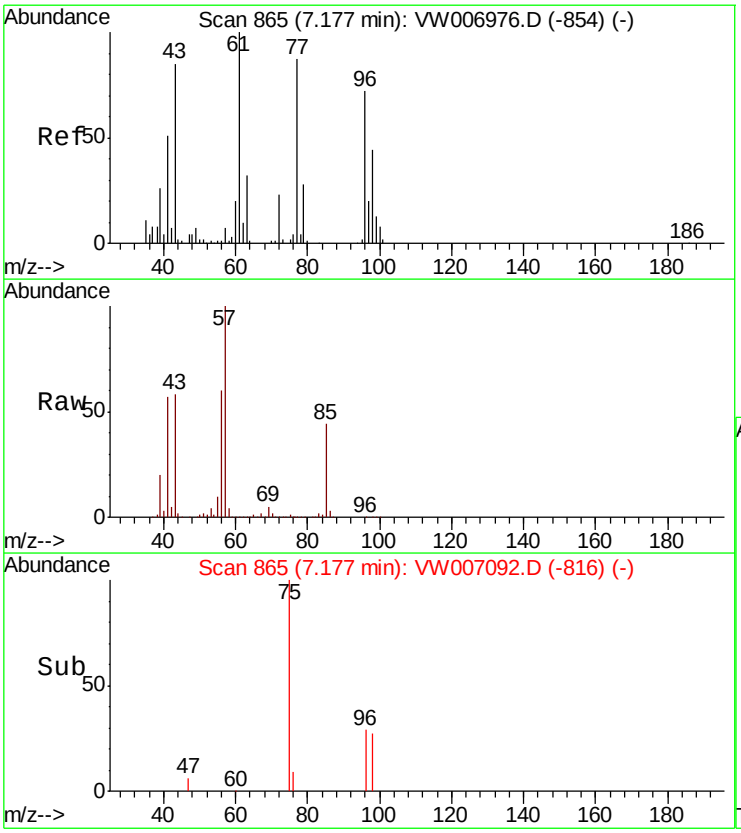
#24
1,1-Dichloroethane
Concen: 63.031 ug/l
RT: 6.24 min Scan# 711
Delta R.T. 0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 63 Resp: 46088

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.1	9.4#
100	0.0	2.3	6.9#

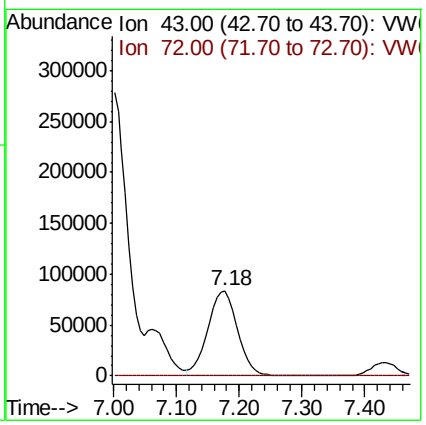


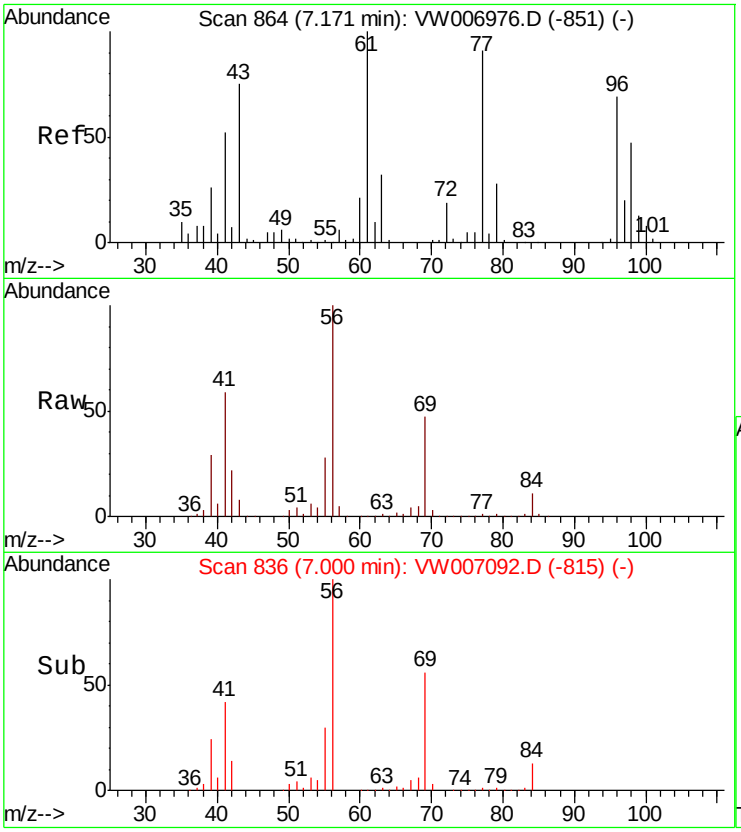


#25
2-Butanone
Concen: 2752.517 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 275634

Ion	Ratio	Lower	Upper
43	100		
72	0.5	21.3	31.9#



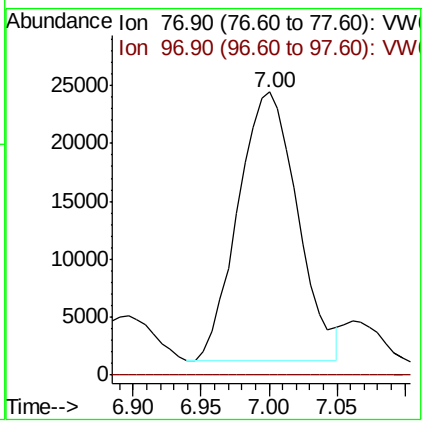


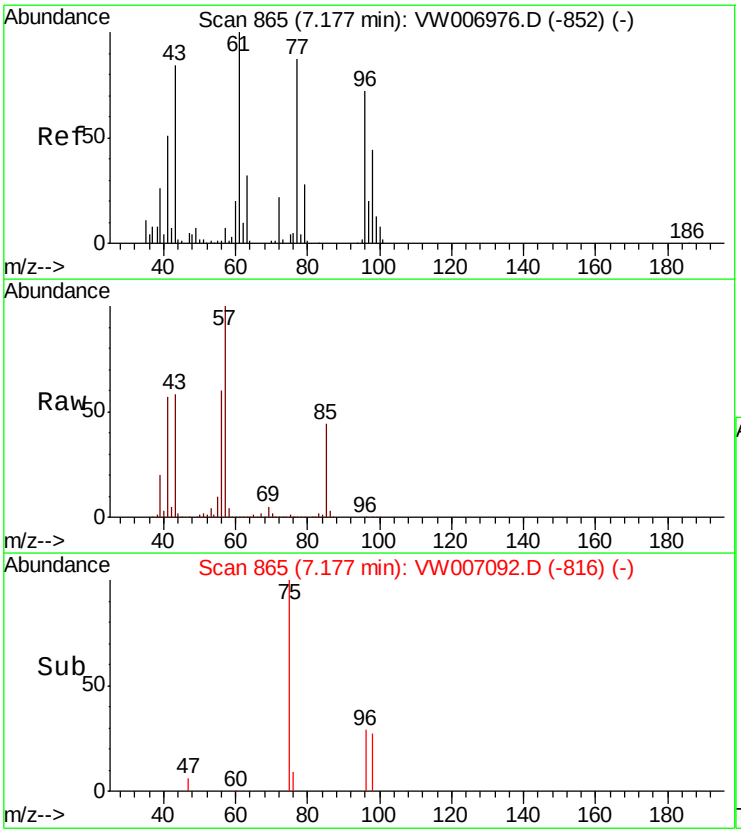
#26
2,2-Dichloropropane
Concen: 107.906 ug/l
RT: 7.00 min Scan# 836
Delta R.T. -0.17 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 77 Resp: 70952

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.4	34.1#

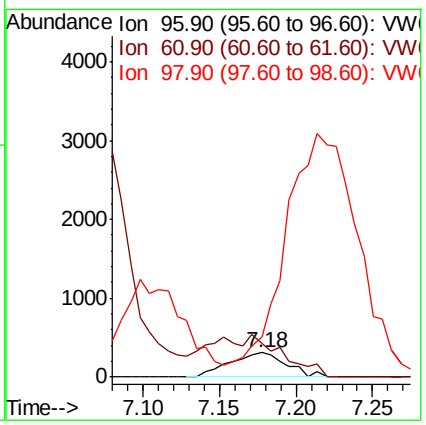


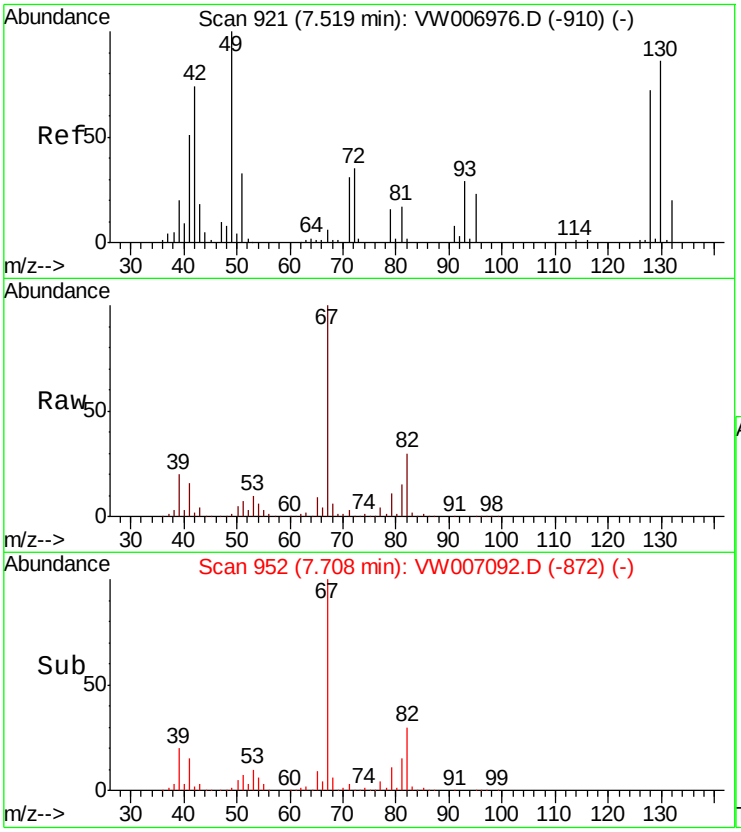


#27
cis-1,2-Dichloroethene
Concen: 1.736 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 96 Resp: 802

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	292.6
98	0.0	0.0	129.8



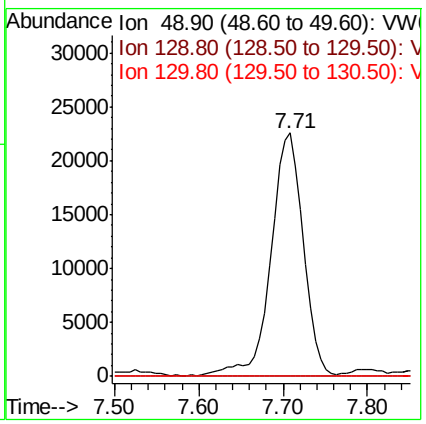


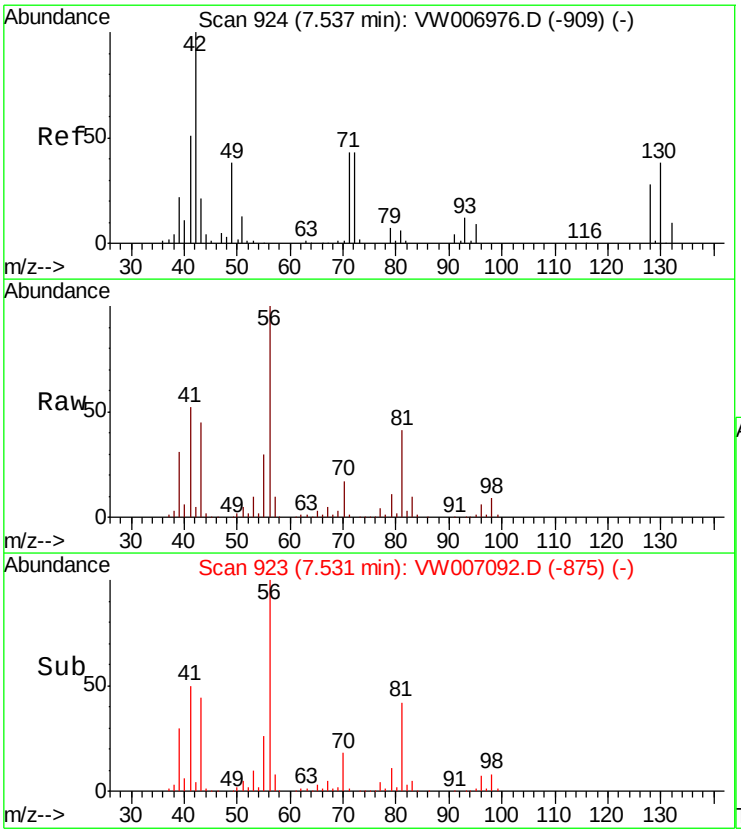
#28
Bromochloromethane
Concen: 220.456 ug/l
RT: 7.71 min Scan# 952
Delta R.T. 0.19 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 49 Resp: 60247

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	0.0	69.0	103.4#

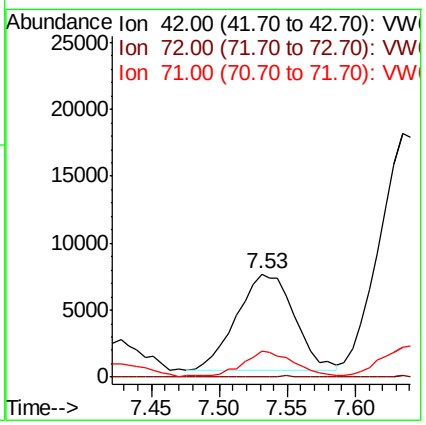


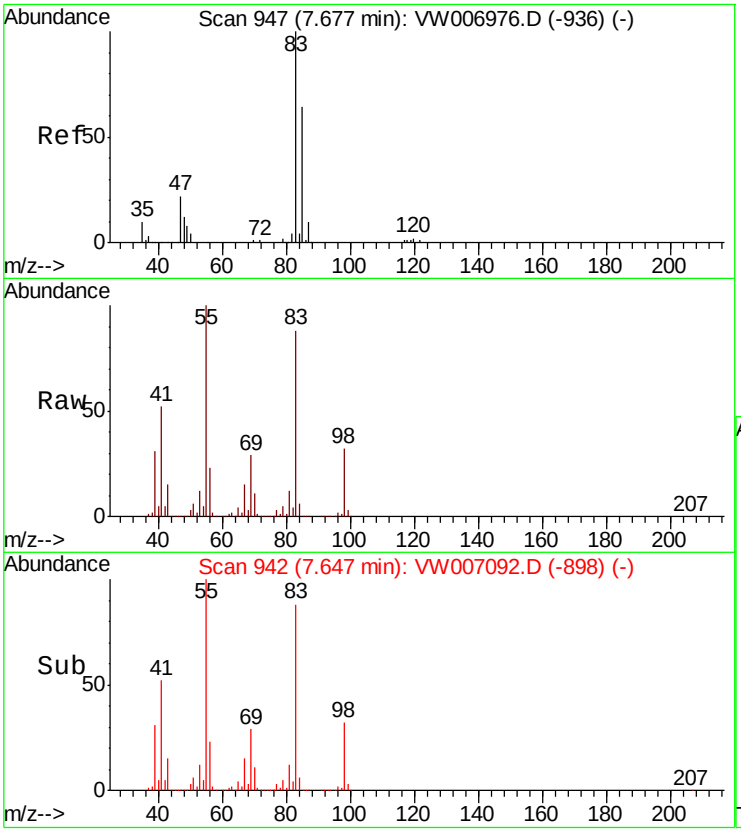


#29
Tetrahydrofuran
Concen: 327.531 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 42 Resp: 21242

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.2	54.4#
71	0.0	33.8	50.8#



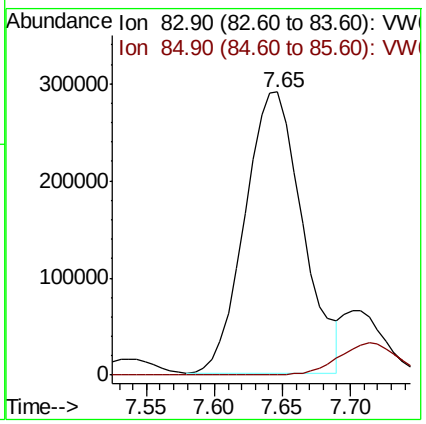


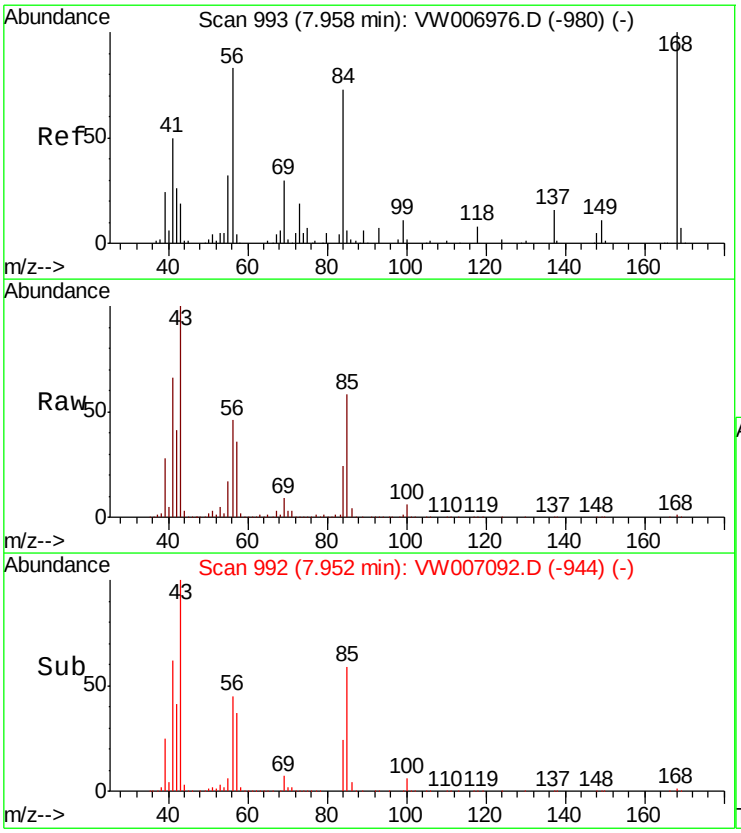
#30
Chloroform
Concen: 1103.152 ug/l
RT: 7.65 min Scan# 942
Delta R.T. -0.03 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 83 Resp: 856944

Ion	Ratio	Lower	Upper
83	100		
85	0.3	50.9	76.3#

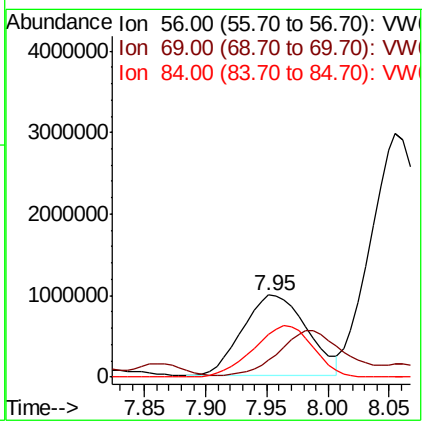


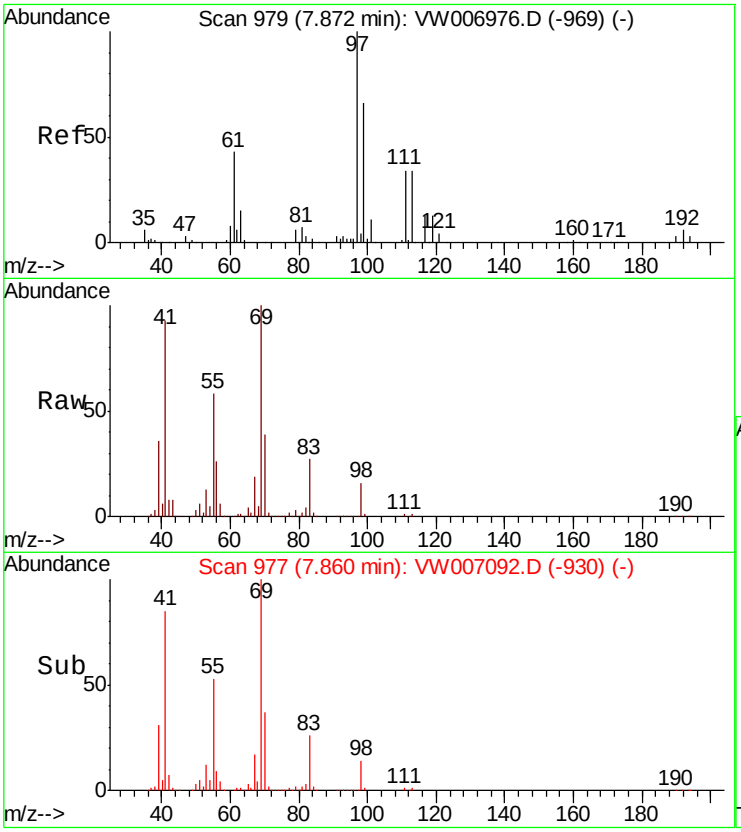


#31
Cyclohexane
Concen: 4700.111 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 56 Resp: 3645264

Ion	Ratio	Lower	Upper
56	100		
69	11.9	29.1	43.7#
84	53.2	70.6	105.8#



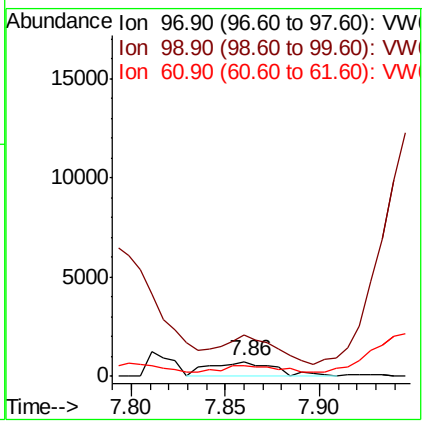


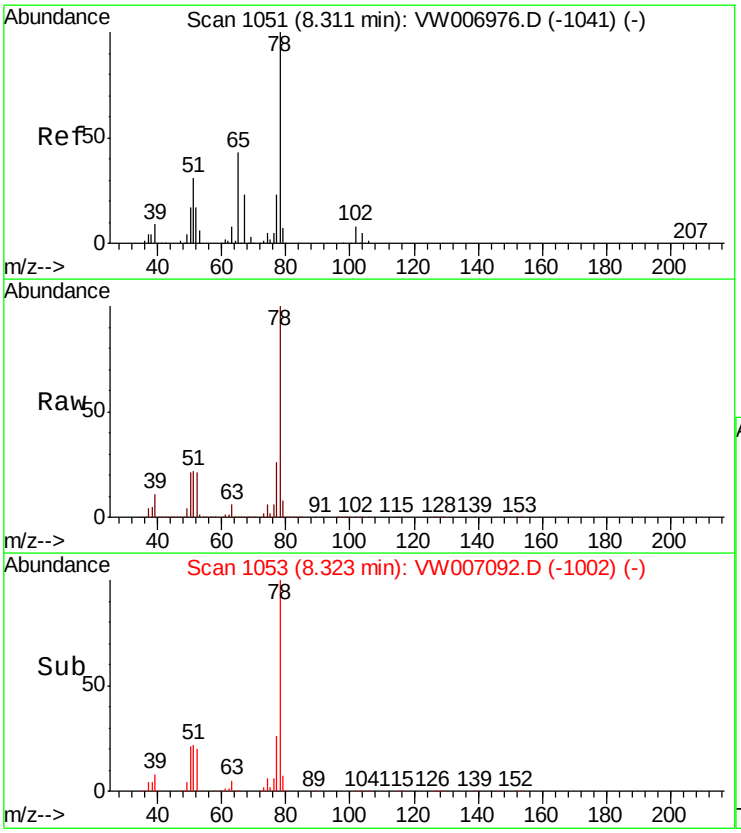
#32
1,1,1-Trichloroethane
Concen: 2.540 ug/l
RT: 7.86 min Scan# 977
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 97 Resp: 1777

Ion	Ratio	Lower	Upper
97	100		
99	249.9	51.9	77.9#
61	0.0	33.4	50.2#

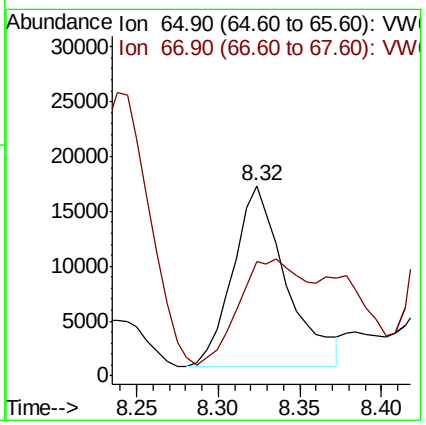


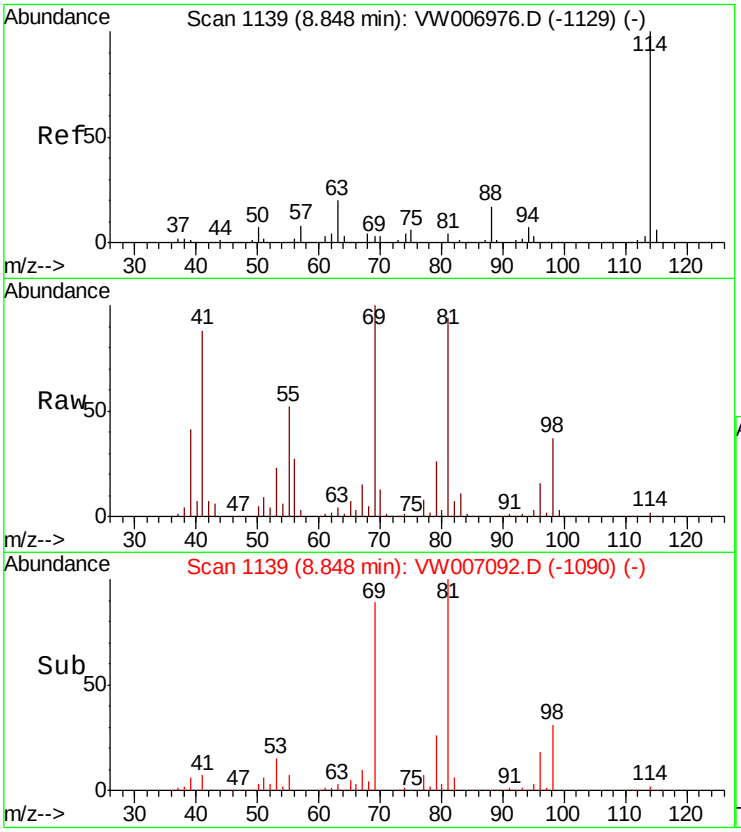


#33
1,2-Dichloroethane-d4
Concen: 92.692 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 65 Resp: 37327

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	106.2



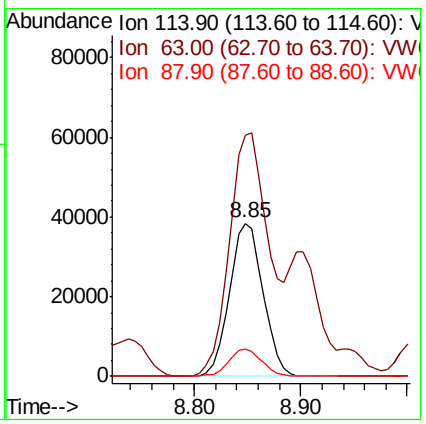


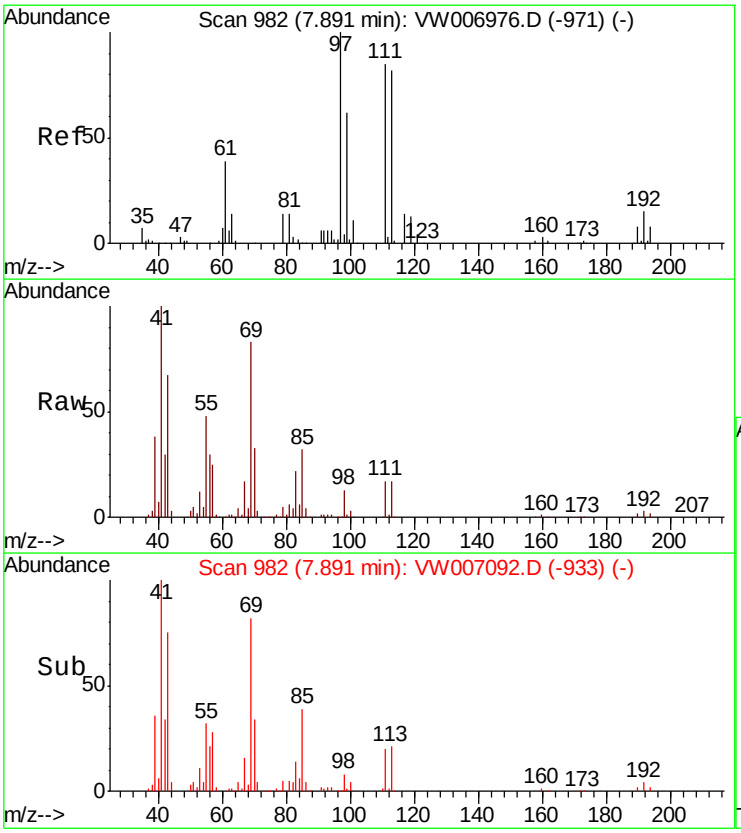
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:114 Resp: 84848

Ion	Ratio	Lower	Upper
114	100		
63	157.4	0.0	39.4#
88	17.9	0.0	34.2

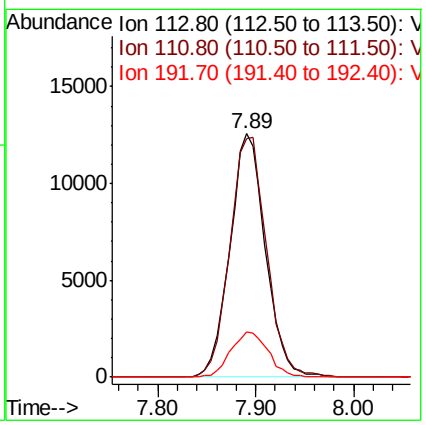


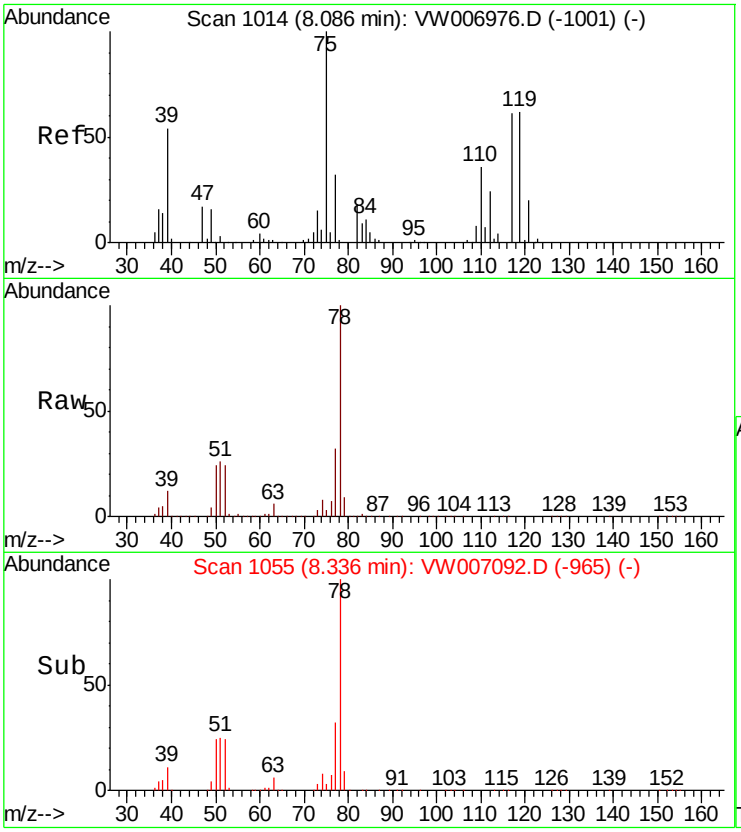


#35
Dibromofluoromethane
Concen: 66.185 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:113 Resp: 31713

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.6
192	19.3	15.0	22.6



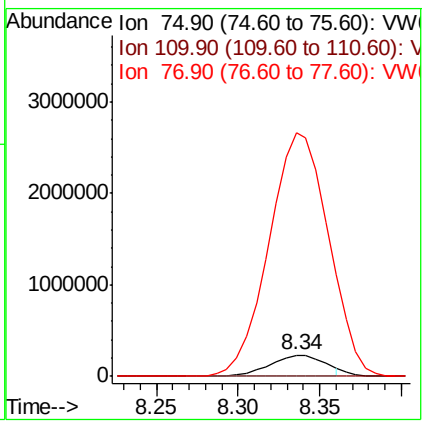


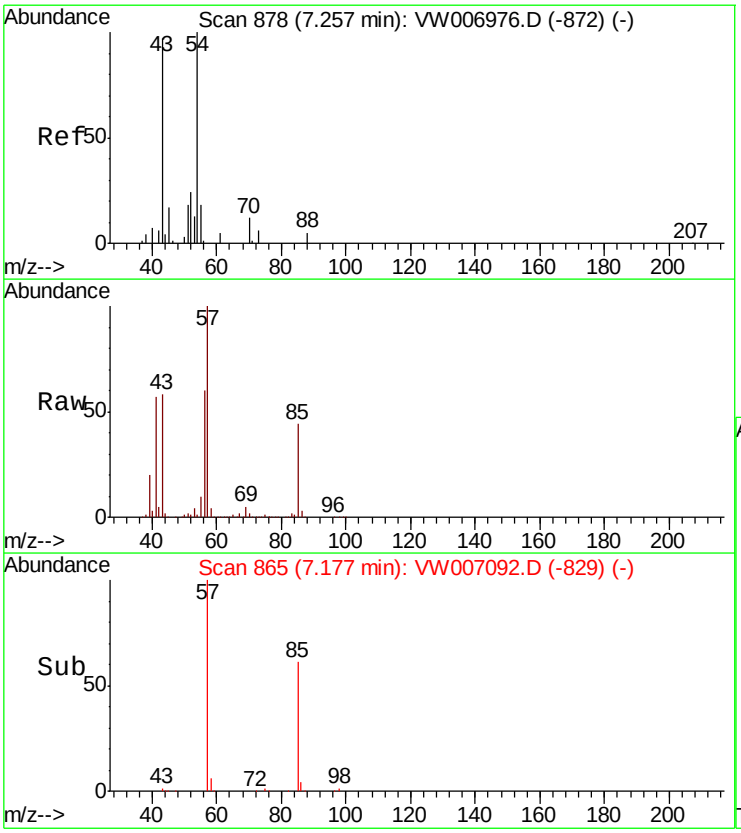
#36
1,1-Dichloropropene
Concen: 657.040 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.25 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 75 Resp: 544781

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.0	54.0#
77	1169.9	24.9	37.3#

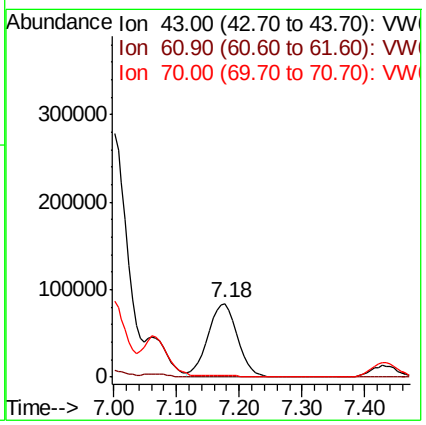


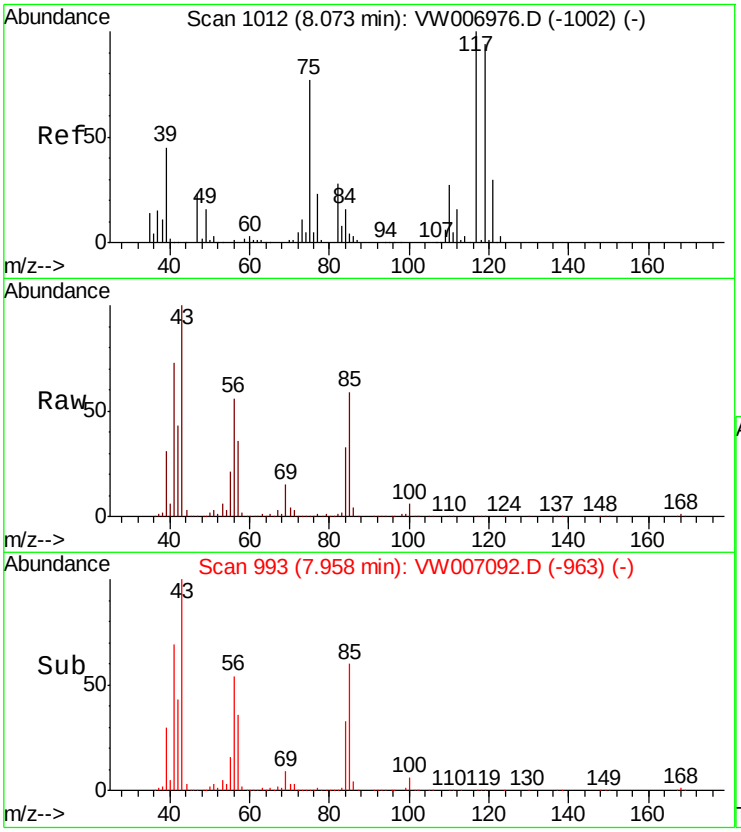


#37
Ethyl Acetate
Concen: 917.377 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.08 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 275634

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.4	15.6#
70	2.3	8.8	13.2#



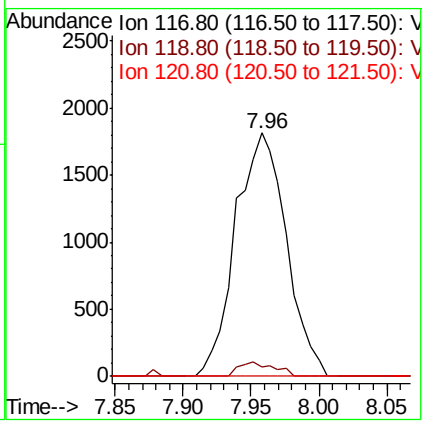


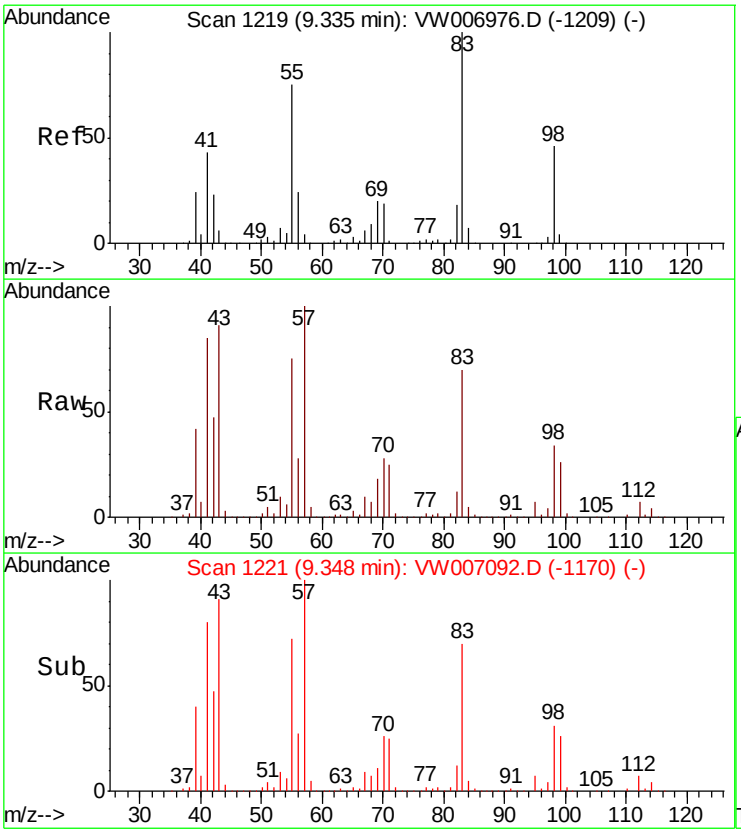
#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.12 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:117 Resp: 4727

Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.9	112.3#
121	0.0	23.6	35.4#

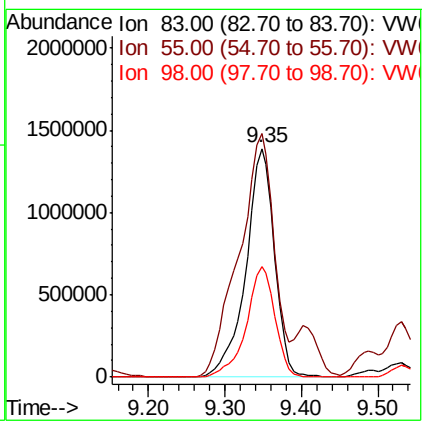


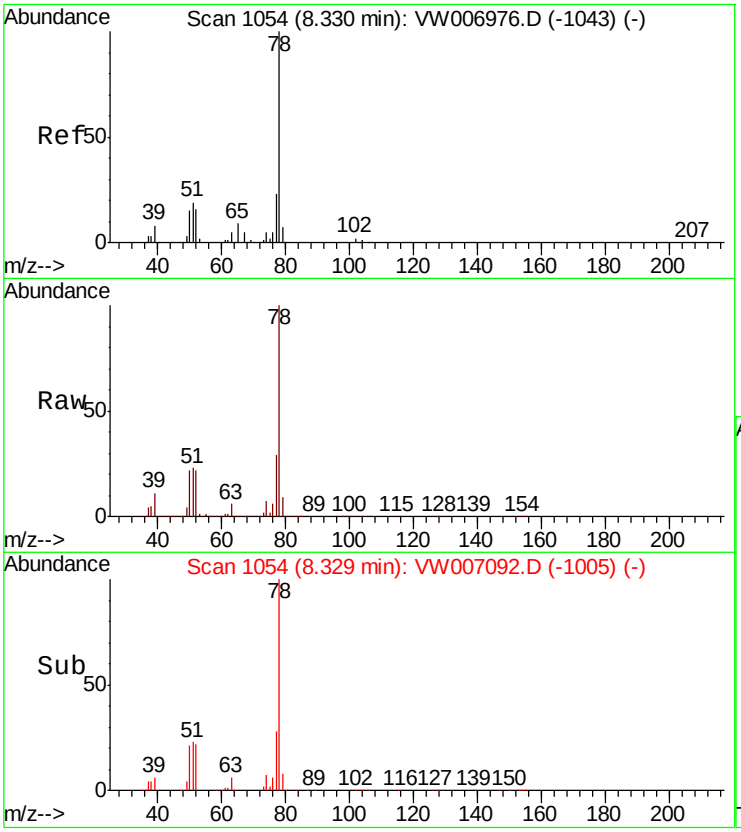


#39
Methylcyclohexane
Concen: 3487.756 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 83 Resp: 3618886

Ion	Ratio	Lower	Upper
83	100		
55	106.5	59.6	89.4#
98	48.3	37.1	55.7



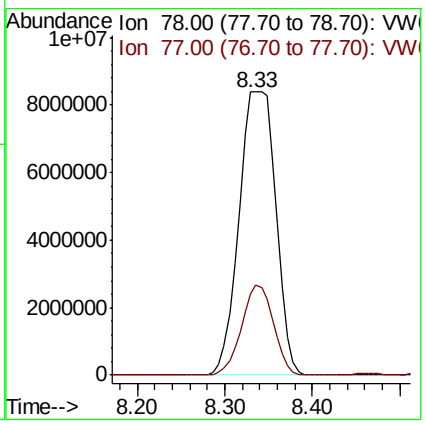


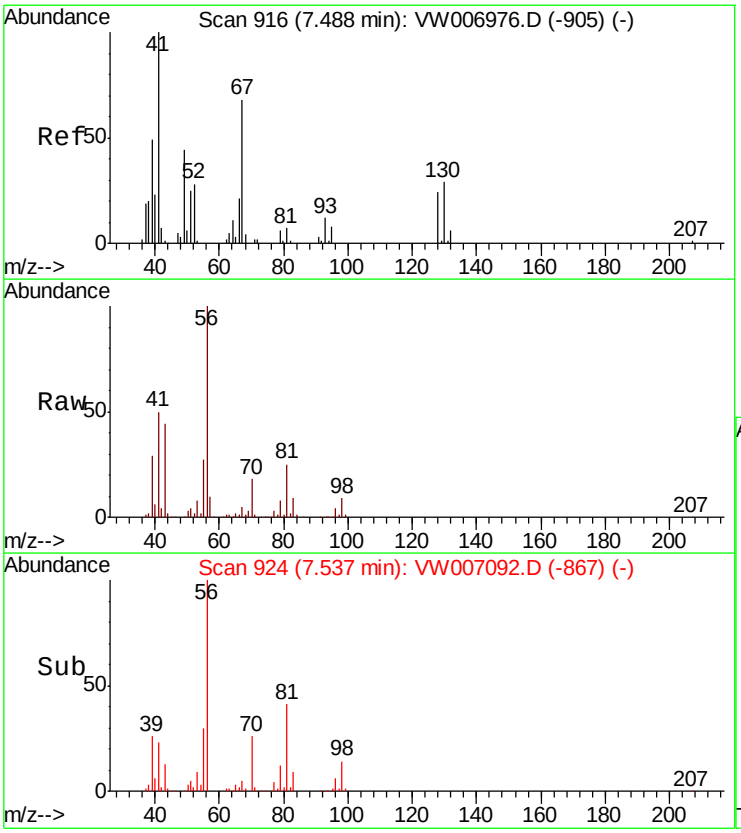
#40
Benzene
Concen: 11011.488 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 78 Resp:24645230

Ion	Ratio	Lower	Upper
78	100		
77	28.5	18.6	28.0#

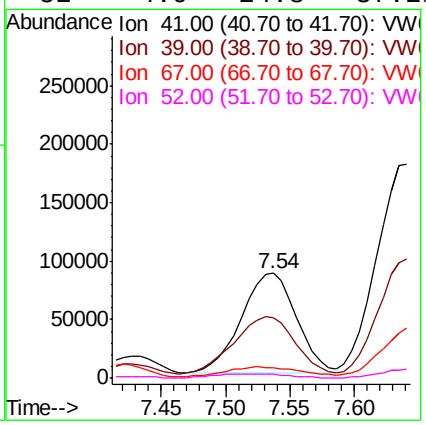


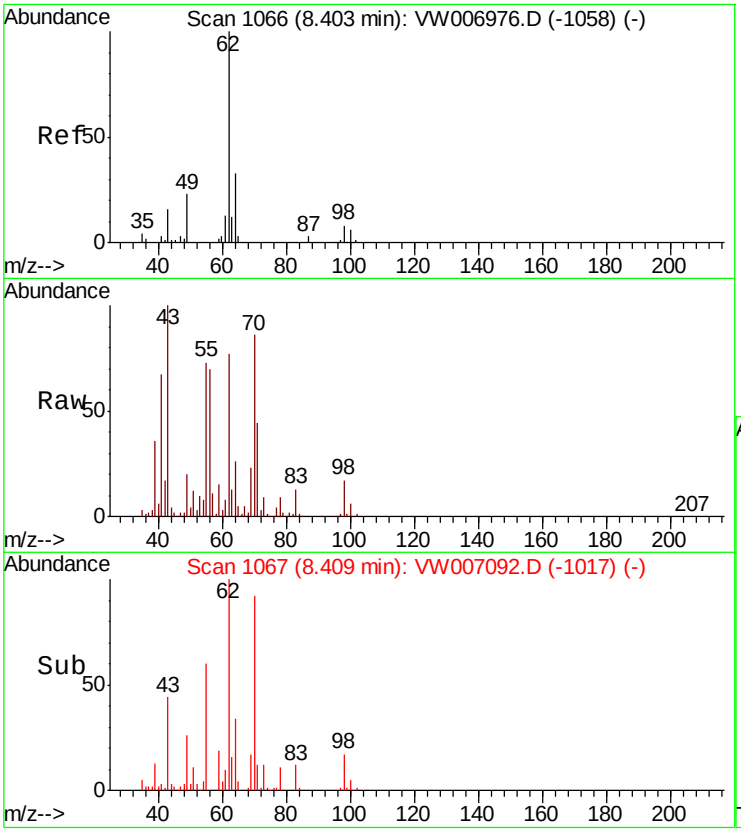


#41
Methacrylonitrile
Concen: 1364.244 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.05 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 41 Resp: 254557

Ion	Ratio	Lower	Upper
41	100		
39	62.0	48.6	73.0
67	0.0	59.8	89.8#
52	4.9	24.8	37.2#



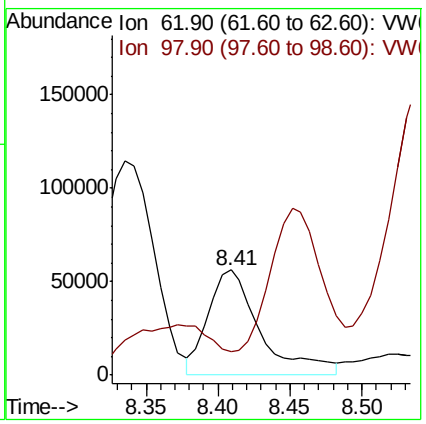


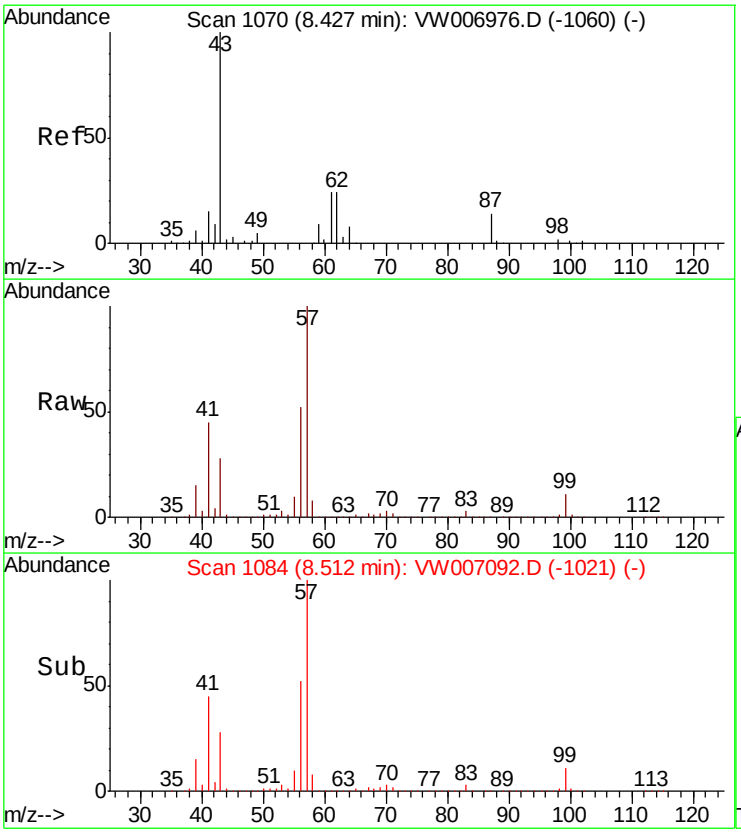
#42
1,2-Dichloroethane
Concen: 218.827 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 62 Resp: 142193

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.6

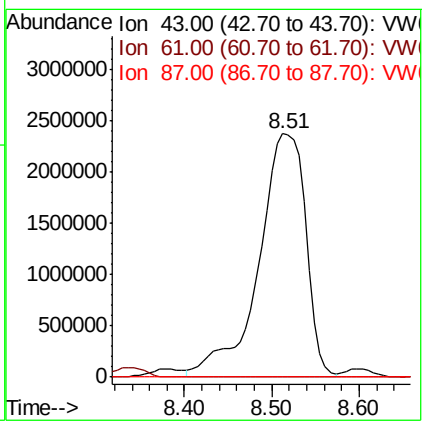


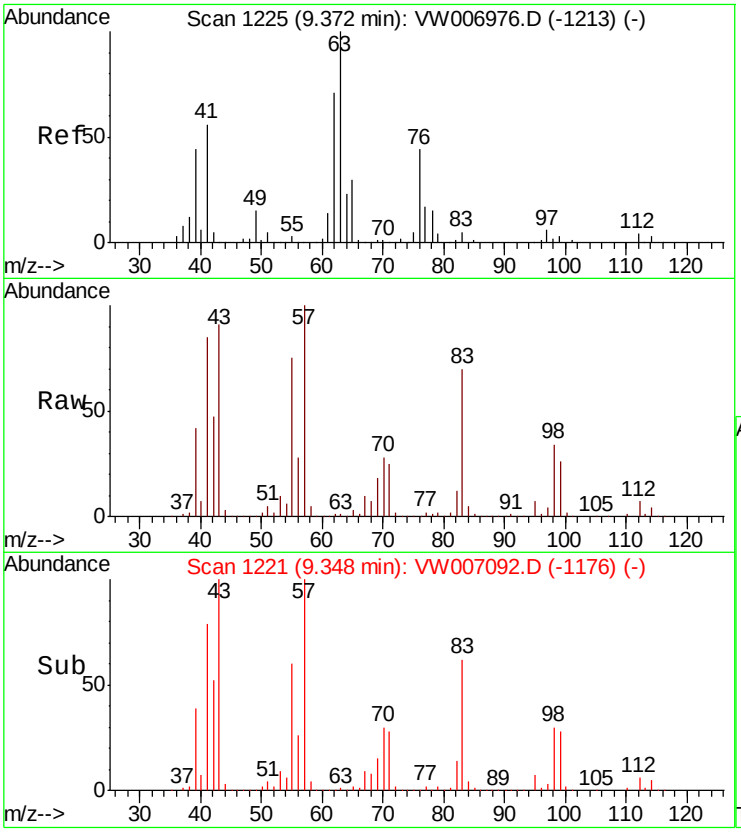


#43
Isopropyl Acetate
Concen: 15579.687 ug/l
RT: 8.51 min Scan# 1084
Delta R.T. 0.09 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 8920505

Ion	Ratio	Lower	Upper
43	100		
61	0.1	26.1	39.1#
87	0.0	11.2	16.8#



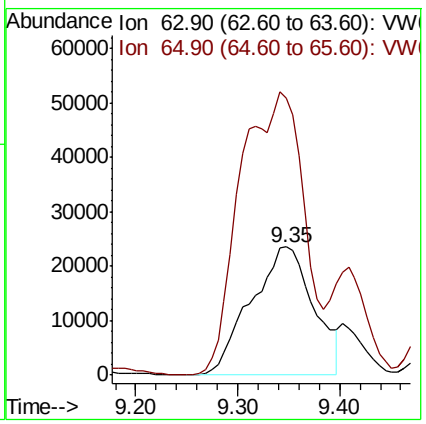


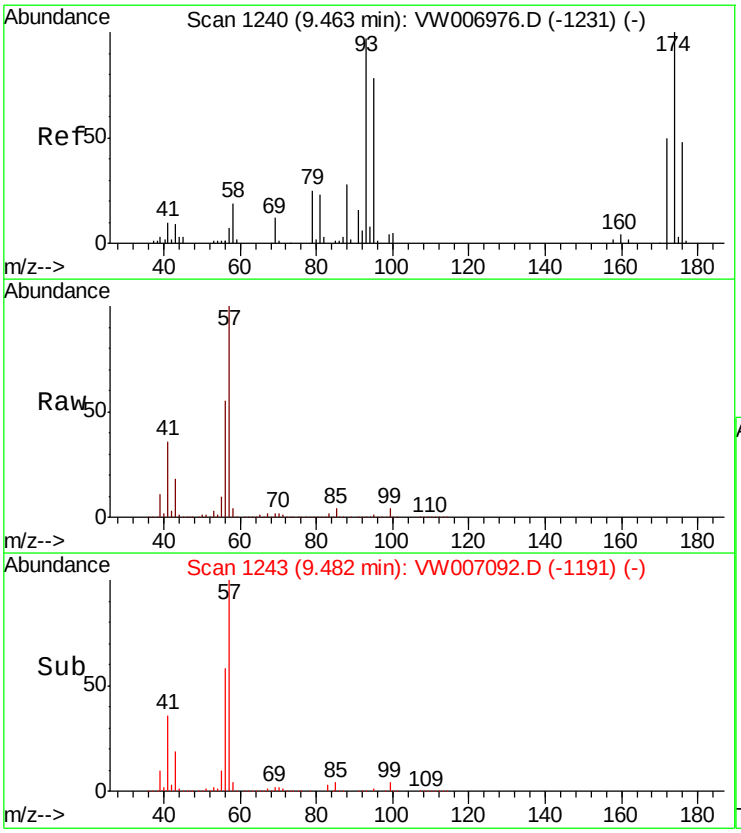
#45
1,2-Dichloropropane
Concen: 182.044 ug/l
RT: 9.35 min Scan# 1221
Delta R.T. -0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 63 Resp: 100437

Ion	Ratio	Lower	Upper
63	100		
65	216.4	24.4	36.6#

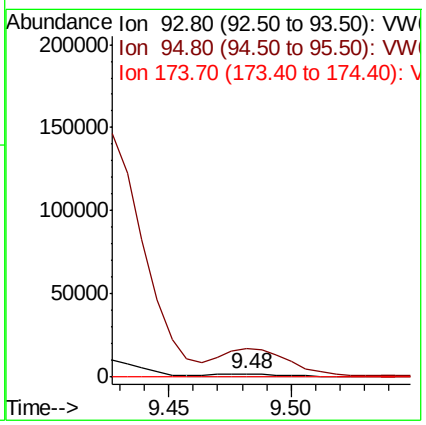


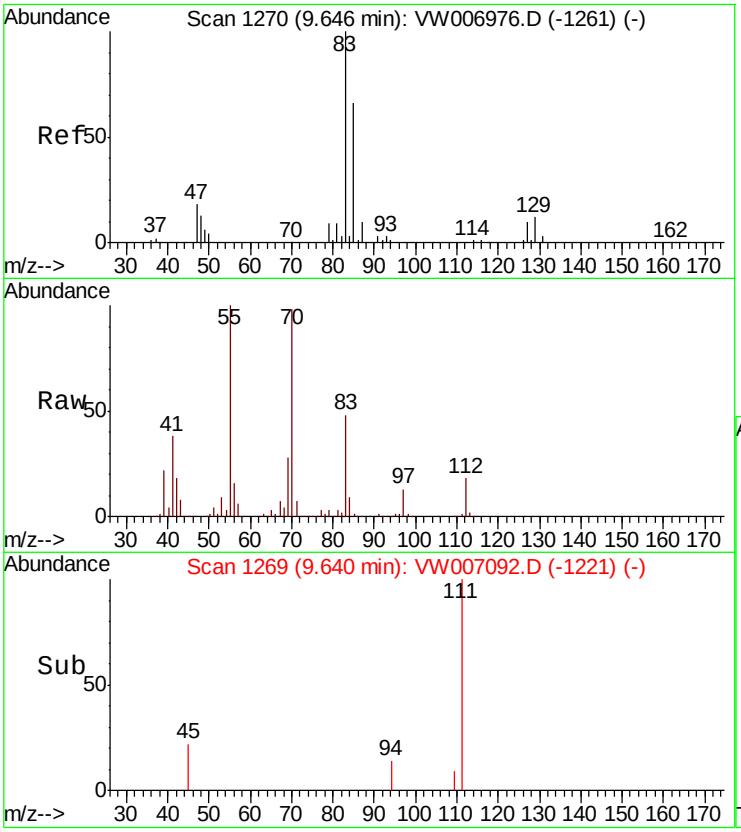


#46
Dibromomethane
Concen: 10.894 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. 0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 93 Resp: 3010

Ion	Ratio	Lower	Upper
93	100		
95	1050.9	66.1	99.1#
174	0.0	79.7	119.5#



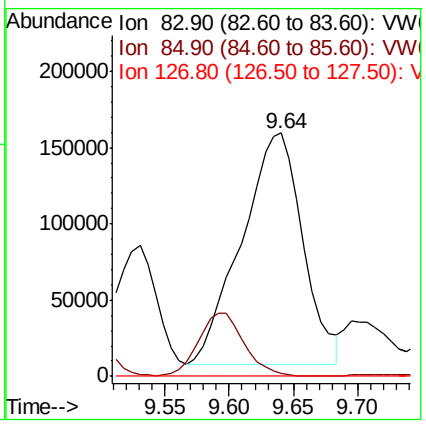


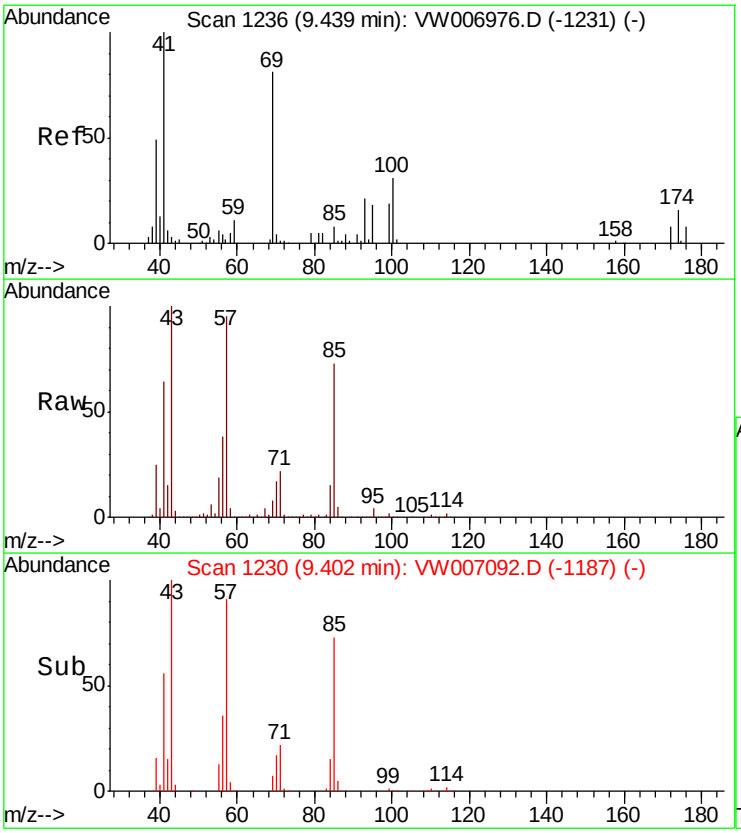
#47
Bromodichloromethane
Concen: 693.321 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 83 Resp: 504700

Ion	Ratio	Lower	Upper
83	100		
85	1.1	52.9	79.3#
127	0.0	7.8	11.6#

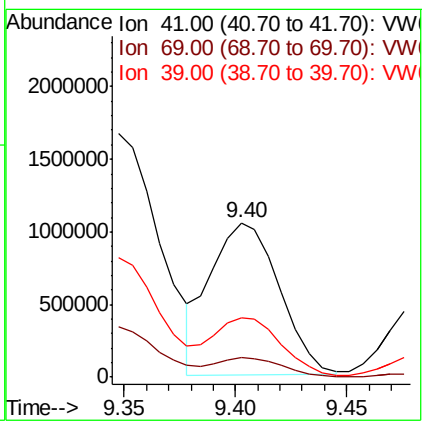


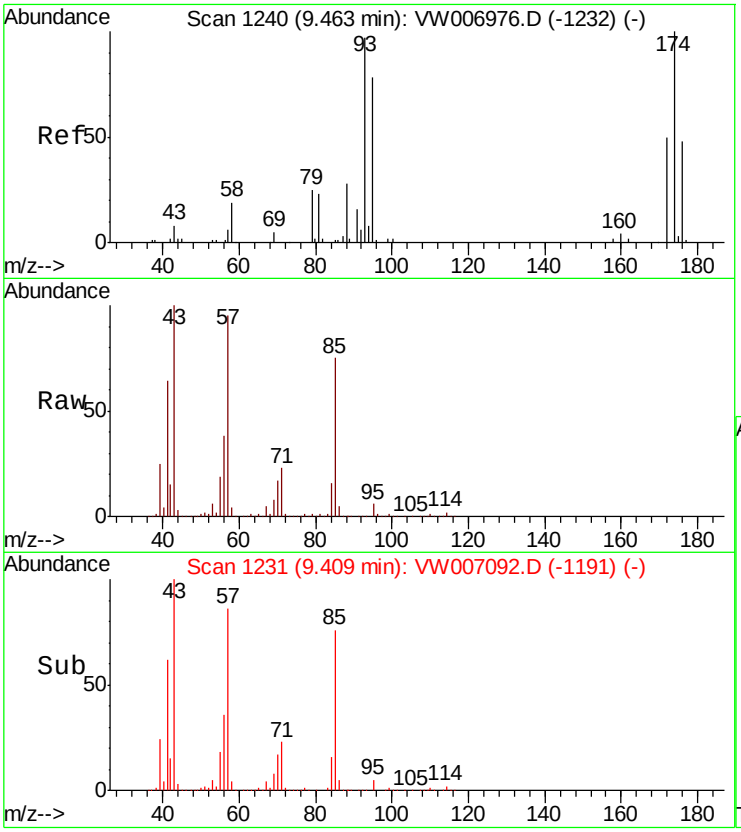


#48
Methyl methacrylate
Concen: 8162.112 ug/l
RT: 9.40 min Scan# 1230
Delta R.T. -0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 41 Resp: 2253411

Ion	Ratio	Lower	Upper
41	100		
69	11.6	71.4	107.0#
39	35.0	44.8	67.2#



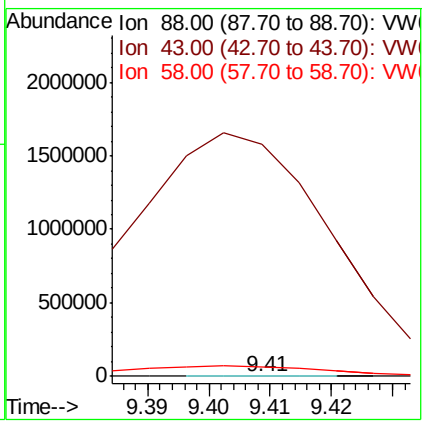


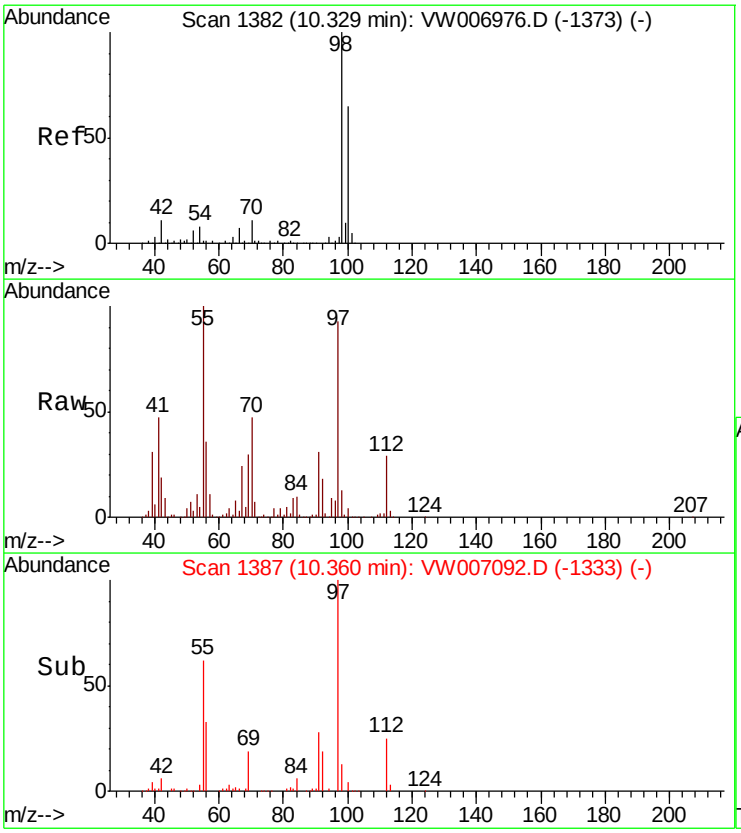
#49
1,4-Dioxane
Concen: 11.689 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.05 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 88 Resp: 48

Ion	Ratio	Lower	Upper
88	100		
43	7581150.0	0.0	0.0#
58	327097.9	59.0	88.6#

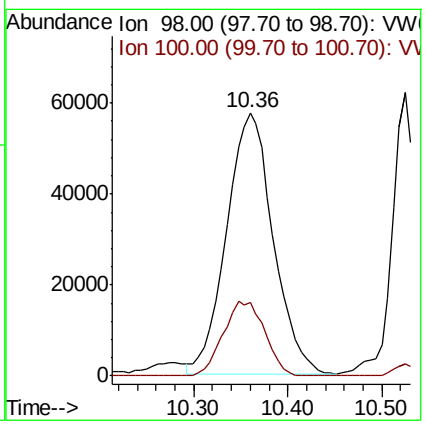


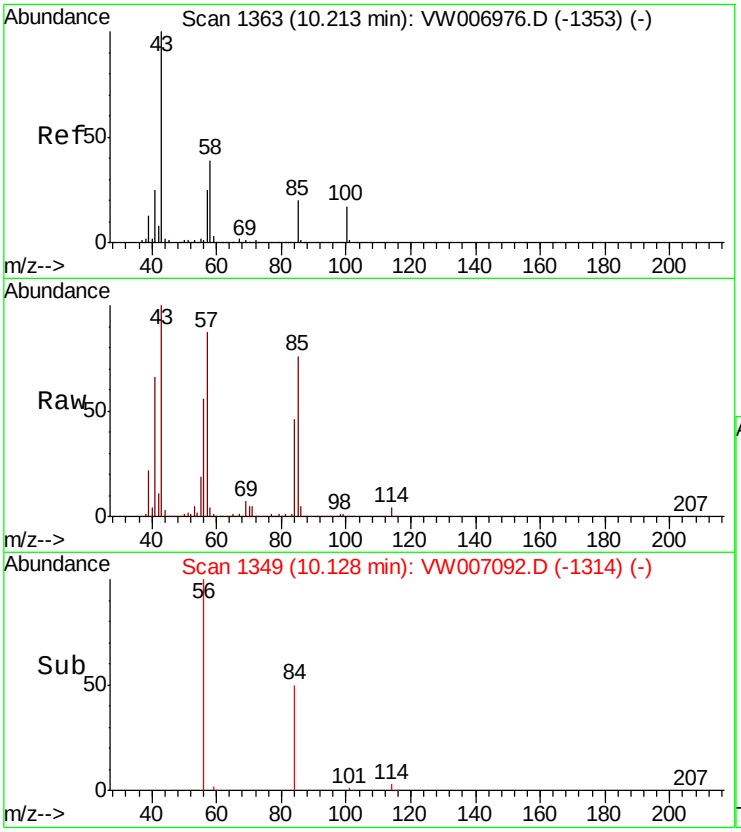


#50
Toluene-d8
Concen: 93.296 ug/l
RT: 10.36 min Scan# 1387
Delta R.T. 0.03 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 98 Resp: 197406

Ion	Ratio	Lower	Upper
98	100		
100	25.5	52.2	78.2#



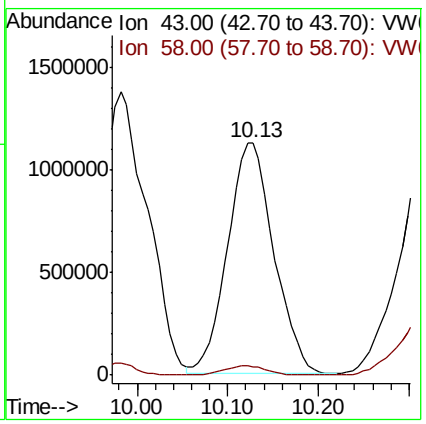


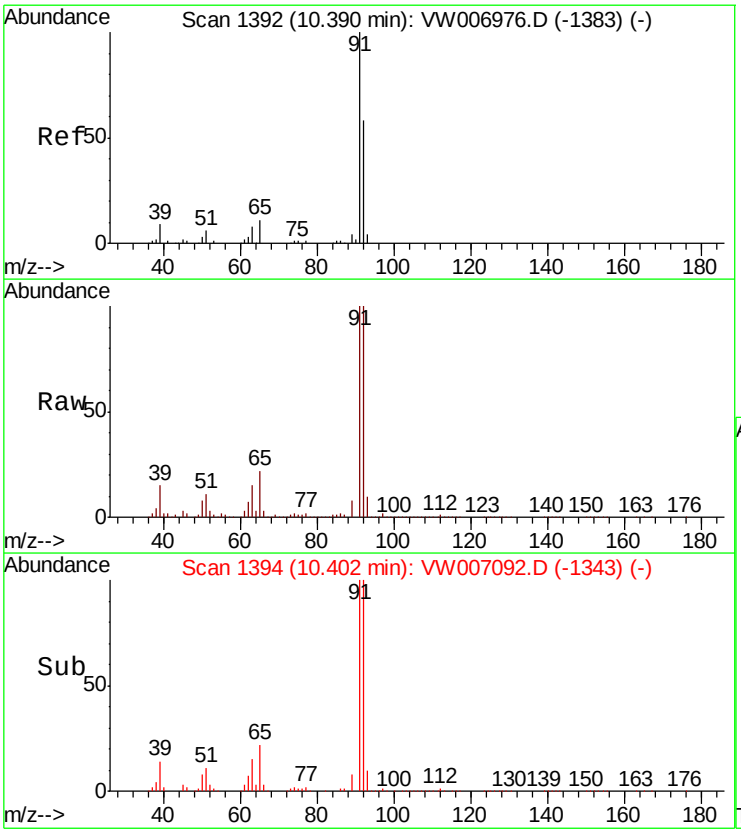
#51
4-Methyl-2-Pentanone
Concen: 13748.349 ug/l
RT: 10.13 min Scan# 1349
Delta R.T. -0.09 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 43 Resp: 3978131

Ion	Ratio	Lower	Upper
43	100		
58	3.8	31.8	47.6#

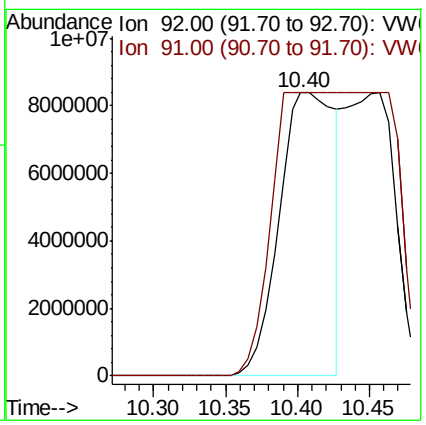


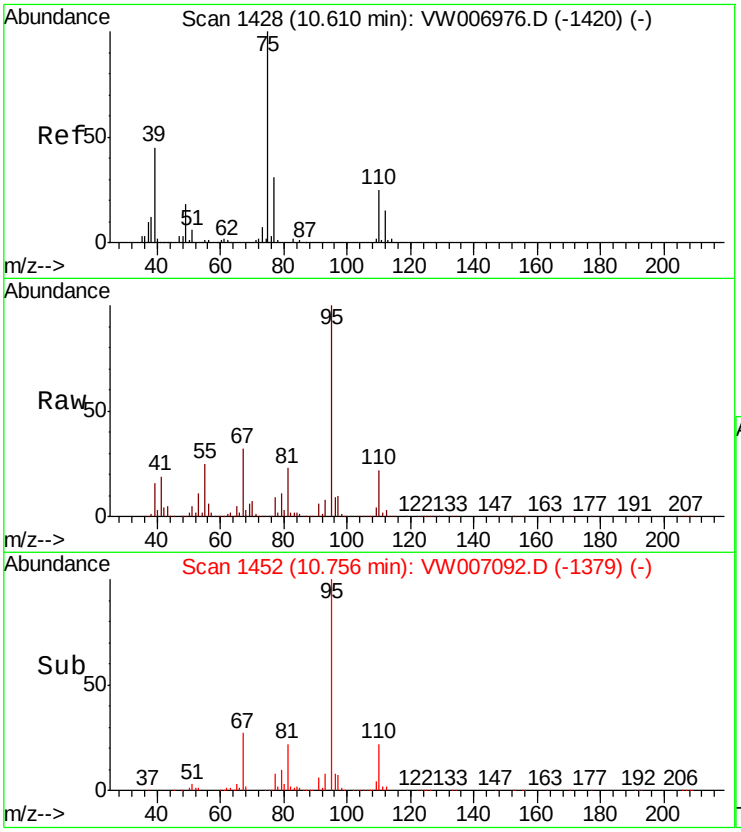


#52
Toluene
Concen: 14738.367 ug/l
RT: 10.40 min Scan# 1394
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 92 Resp:22448856

Ion	Ratio	Lower	Upper
92	100		
91	0.0	137.3	205.9#



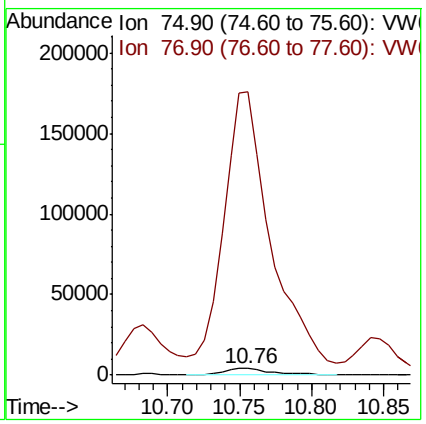


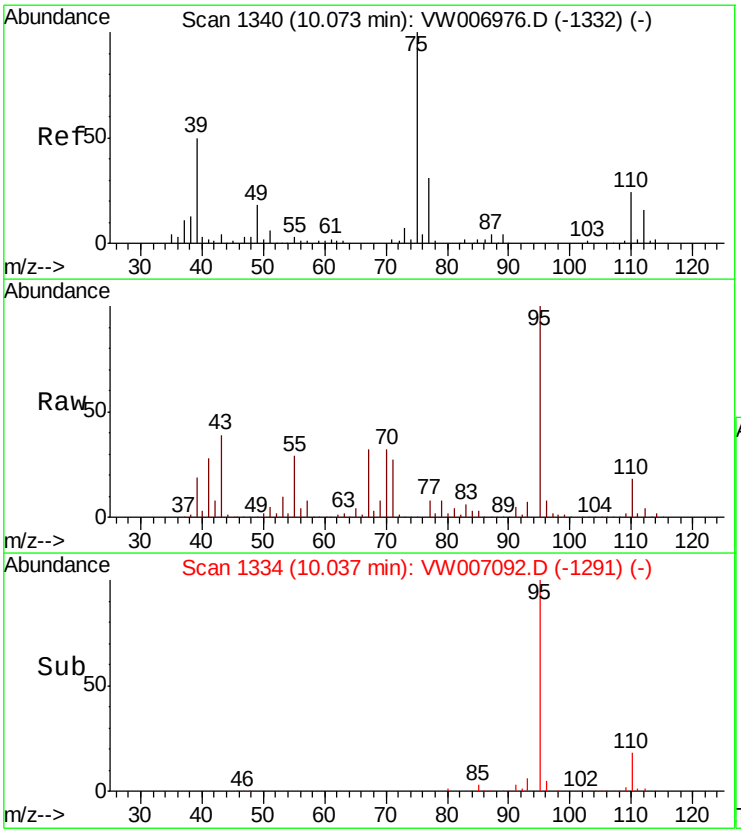
#53
t-1,3-Dichloropropene
Concen: 12.930 ug/l
RT: 10.76 min Scan# 1452
Delta R.T. 0.15 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 75 Resp: 9118

Ion	Ratio	Lower	Upper
75	100		
77	4262.2	24.7	37.1#

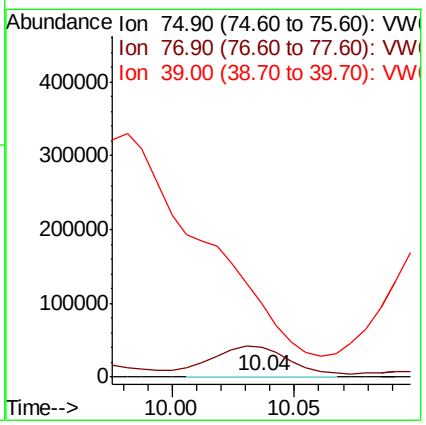


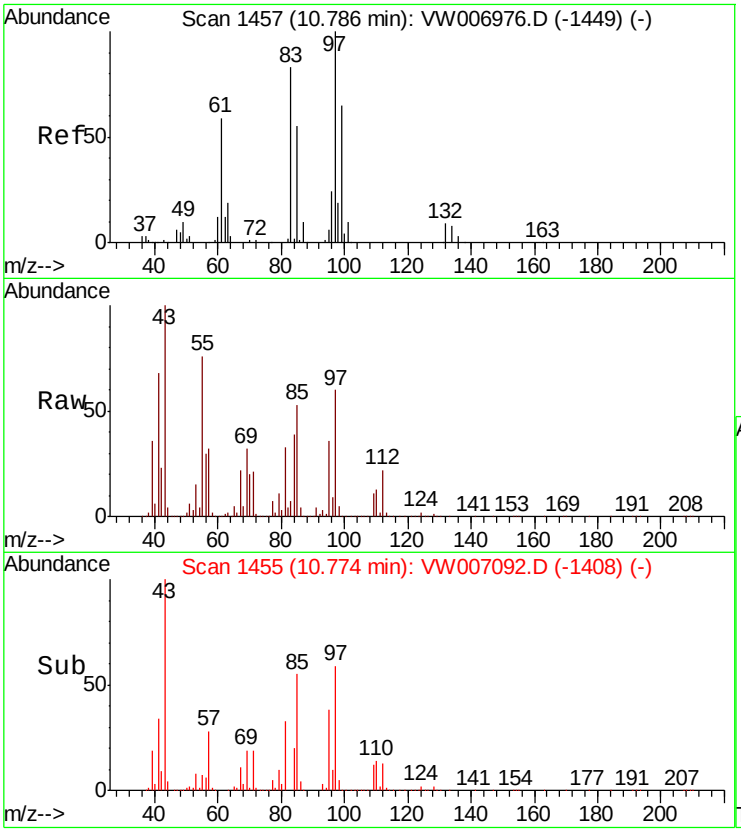


#54
cis-1,3-Dichloropropene
Concen: 1.967 ug/l
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 75 Resp: 1676

Ion	Ratio	Lower	Upper
75	100		
77	4503.3	25.0	37.6#
39	8656.0	39.9	59.9#



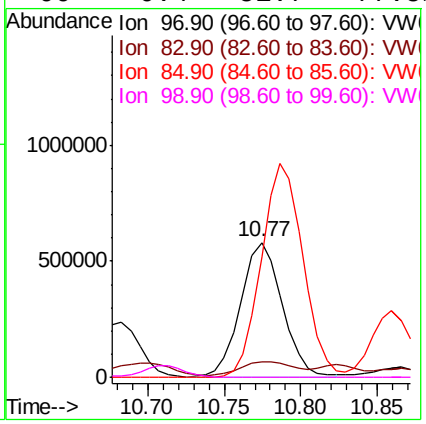


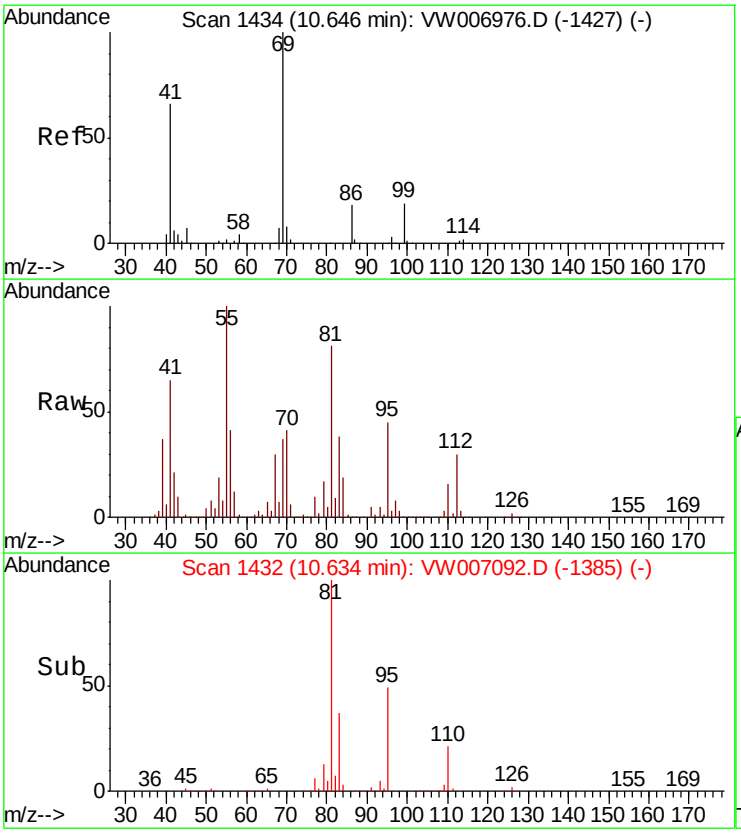
#55
1,1,2-Trichloroethane
Concen: 2687.557 ug/l
RT: 10.77 min Scan# 1455
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 97 Resp: 1092484

Ion	Ratio	Lower	Upper
97	100		
83	9.1	66.4	99.6#
85	89.6	44.1	66.1#
99	0.4	51.7	77.5#

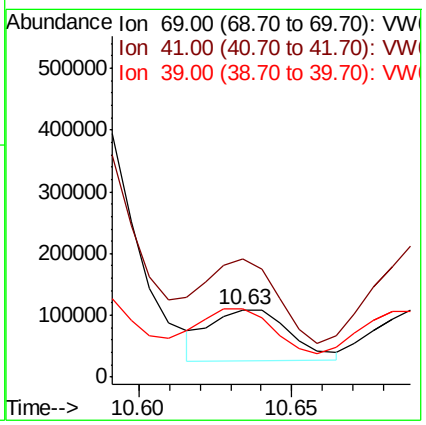


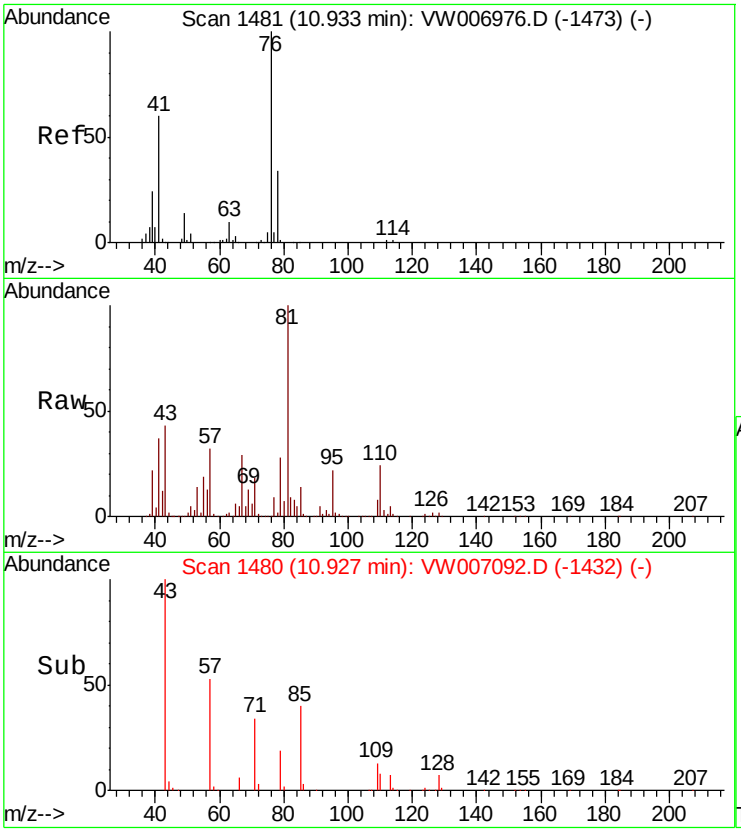


#56
Ethyl methacrylate
Concen: 317.334 ug/l
RT: 10.63 min Scan# 1432
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 69 Resp: 149735

Ion	Ratio	Lower	Upper
69	100		
41	140.8	53.4	80.0#
39	81.4	28.2	42.4#



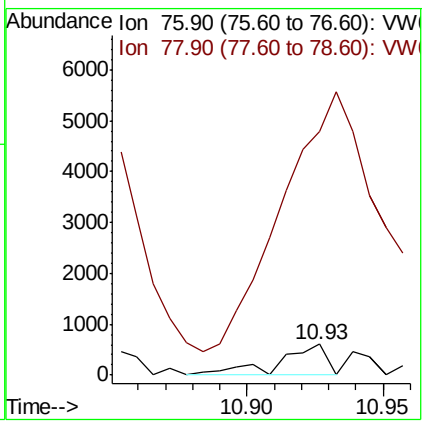


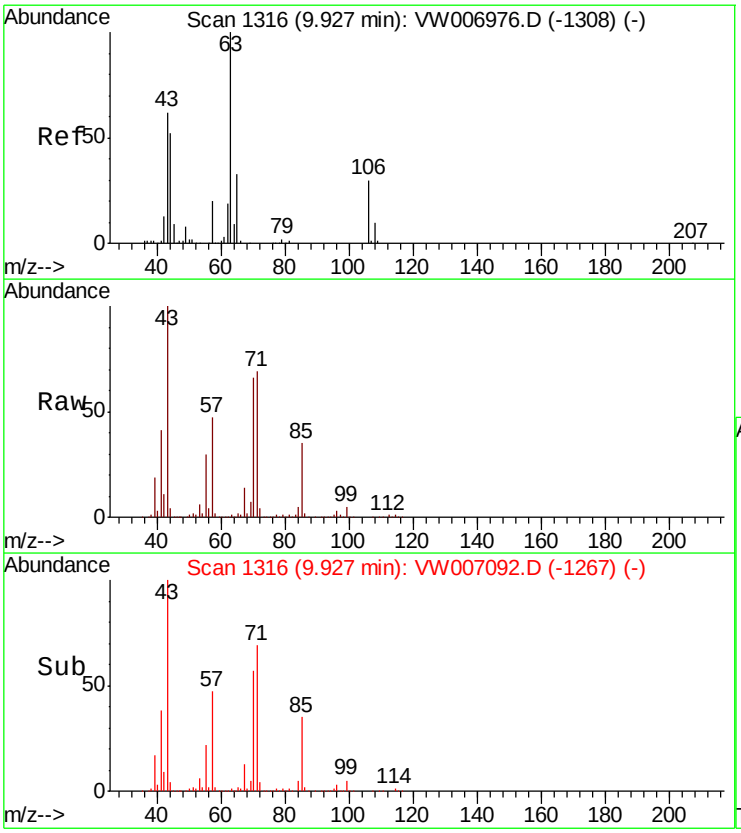
#57
1,3-Dichloropropane
Concen: 1.057 ug/l
RT: 10.93 min Scan# 1480
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 76 Resp: 720

Ion	Ratio	Lower	Upper
76	100		
78	1869.2	25.8	38.6#

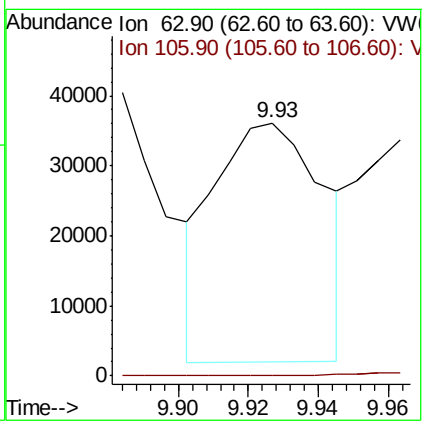


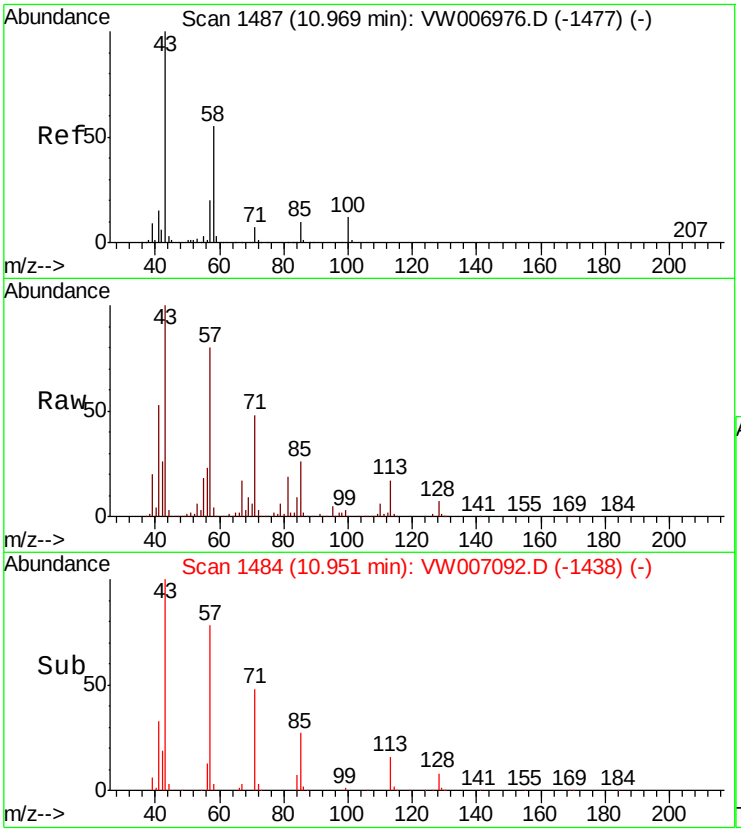


#58
2-Chloroethyl Vinyl ether
Concen: 298.222 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 63 Resp: 73532

Ion	Ratio	Lower	Upper
63	100		
106	0.0	23.5	35.3#



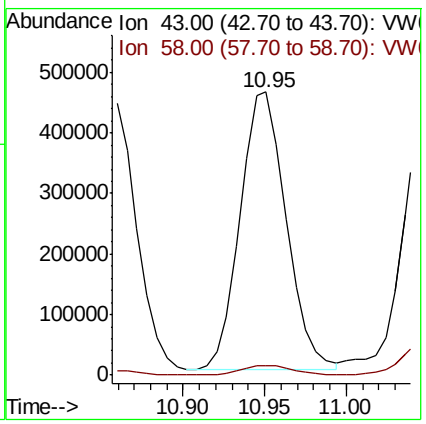


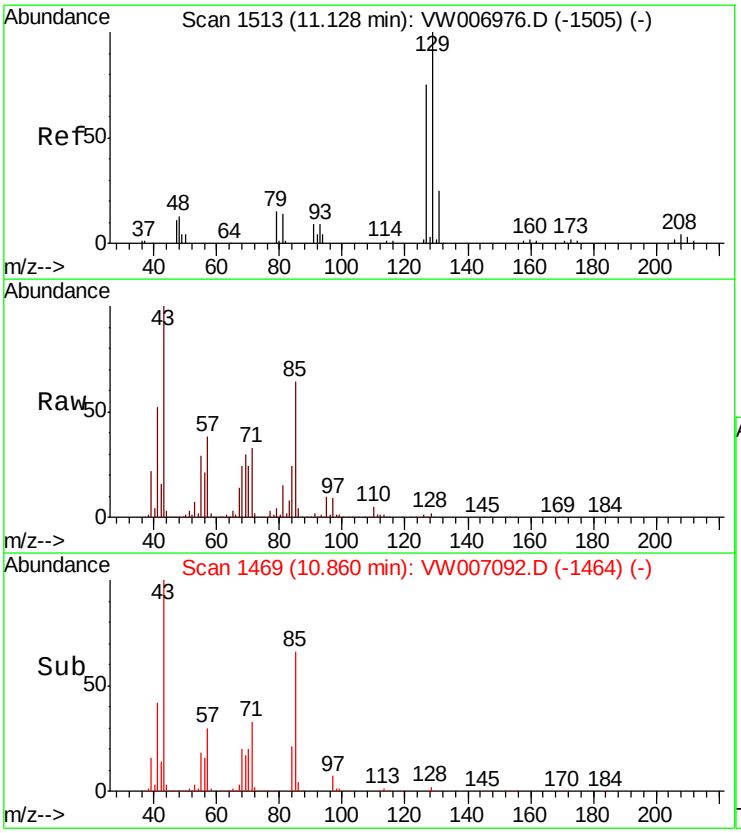
#59
2-Hexanone
Concen: 4539.093 ug/l
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 43 Resp: 899406

Ion	Ratio	Lower	Upper
43	100		
58	3.9	27.3	81.8#

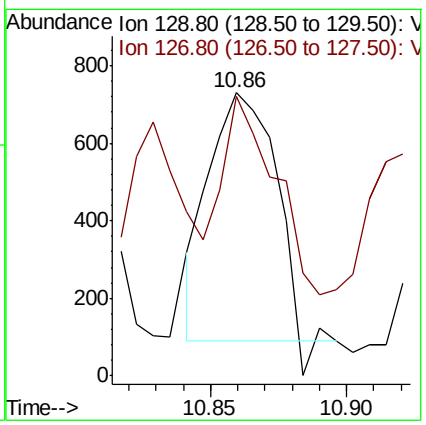


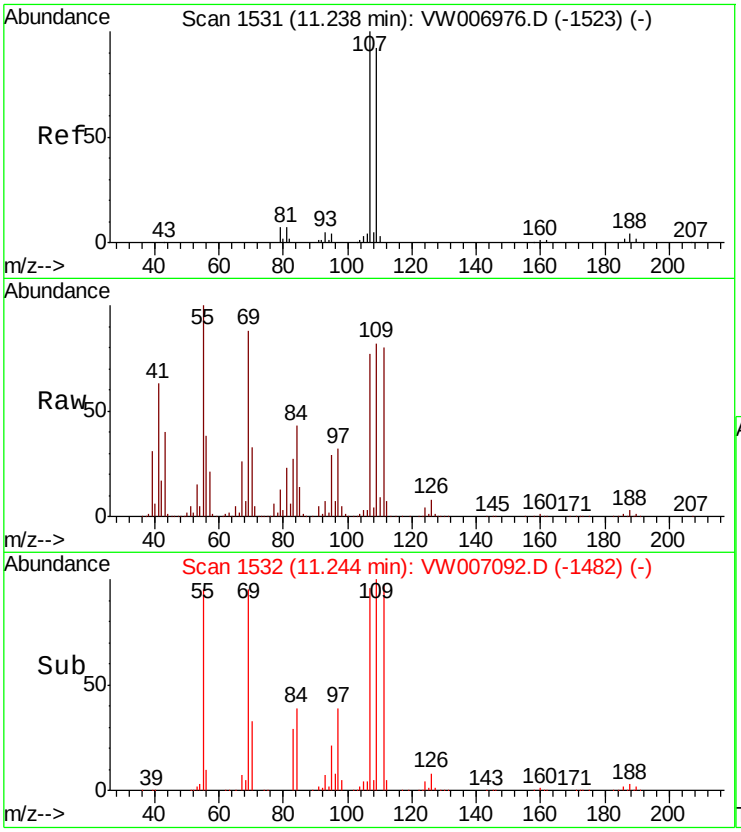


#60
Dibromochloromethane
Concen: 2.297 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.27 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:129 Resp: 1064

Ion	Ratio	Lower	Upper
129	100		
127	63.4	38.3	114.8



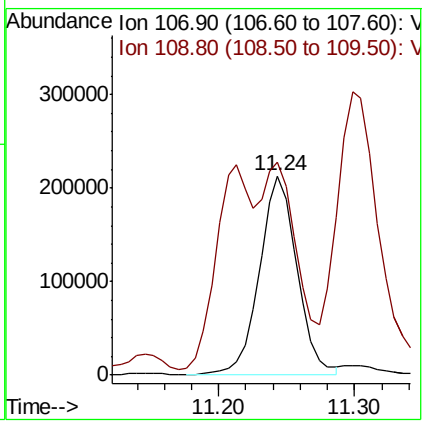


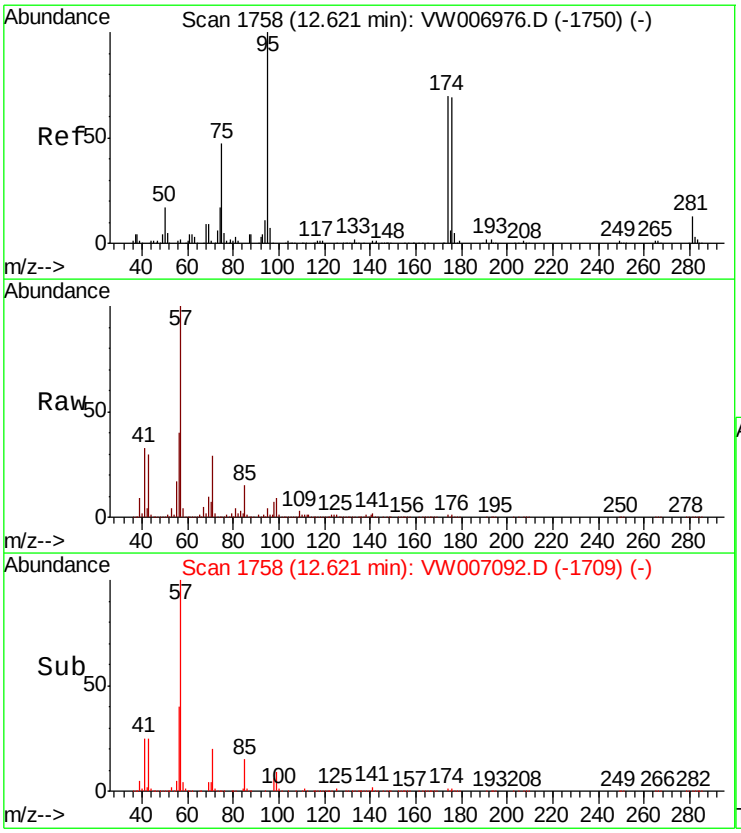
#61
1,2-Dibromoethane
Concen: 1103.287 ug/l
RT: 11.24 min Scan# 1532
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:107 Resp: 410265

Ion	Ratio	Lower	Upper
107	100		
109	0.0	75.1	112.7#

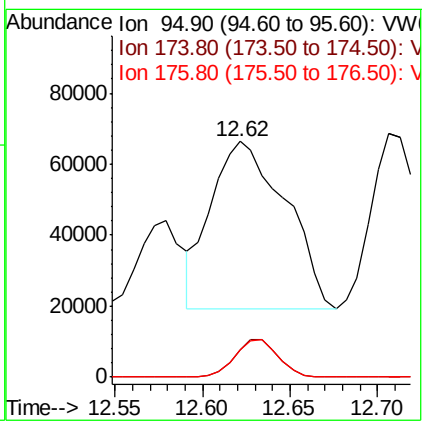


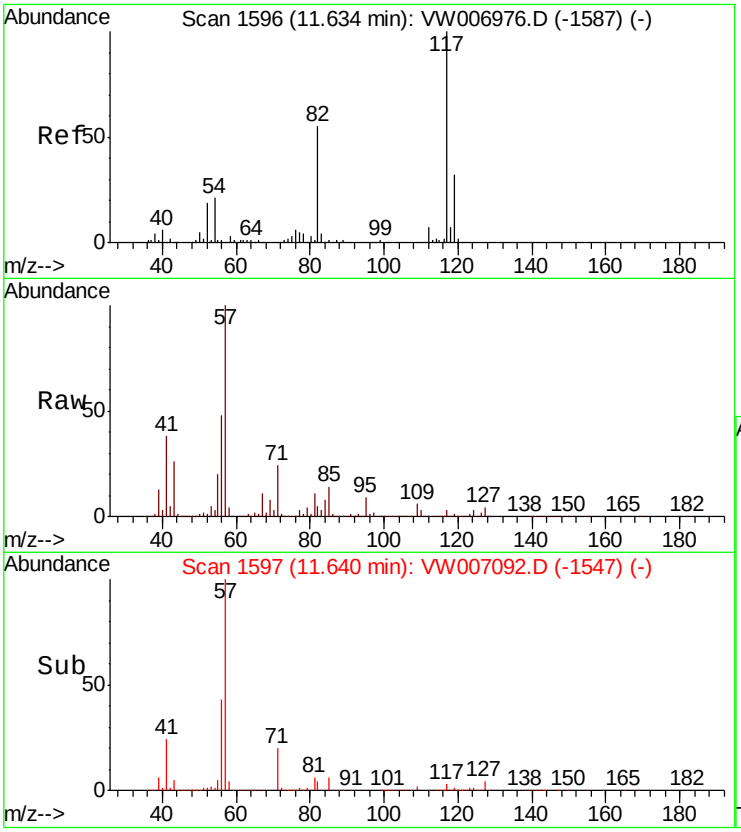


#62
4-Bromofluorobenzene
Concen: 168.319 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 95 Resp: 140149

Ion	Ratio	Lower	Upper
95	100		
174	13.0	0.0	143.6
176	12.9	0.0	140.4



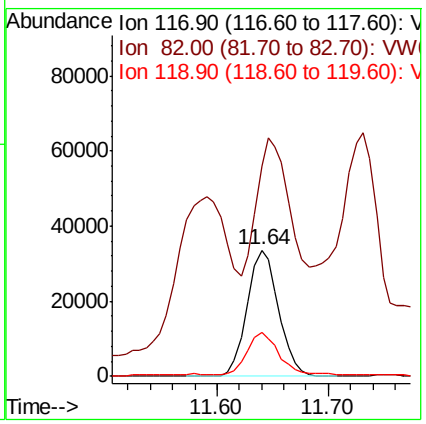


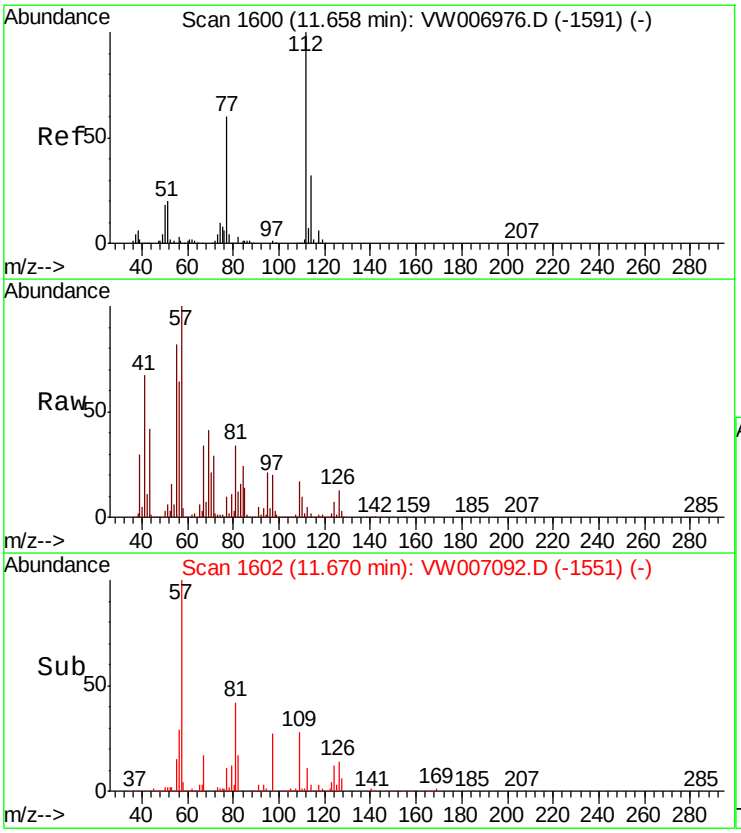
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:117 Resp: 66100

Ion	Ratio	Lower	Upper
117	100		
82	63.1	44.2	66.2
119	32.9	25.9	38.9

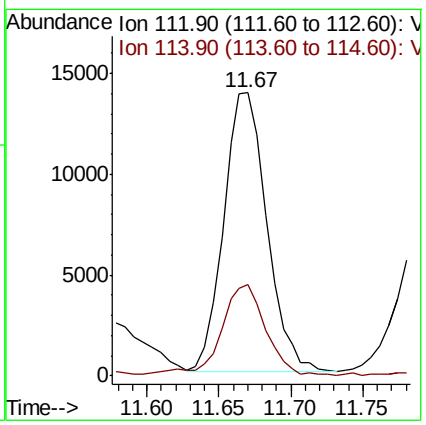


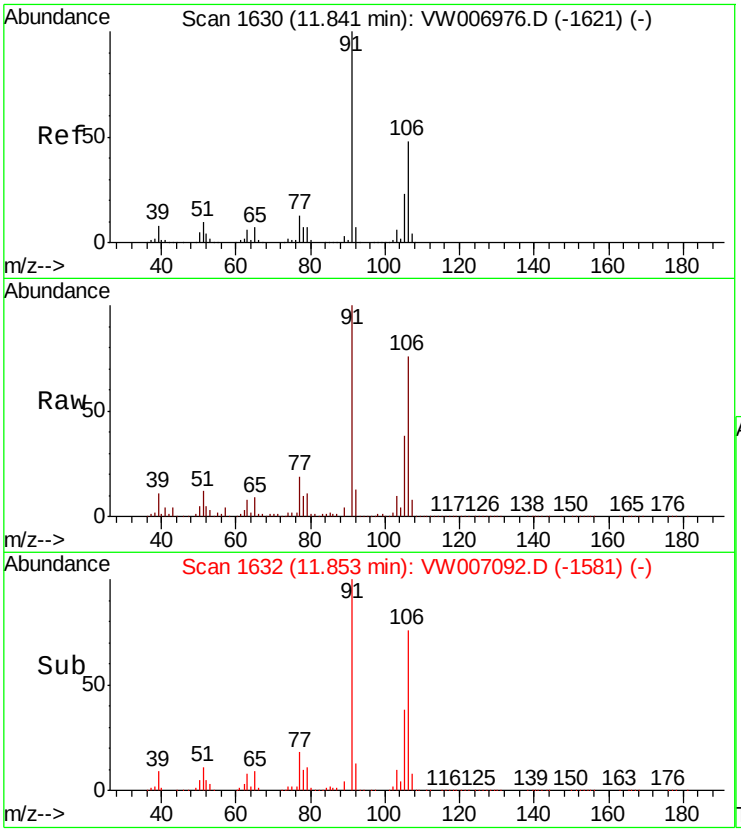


#65
Chlorobenzene
Concen: 21.034 ug/l
RT: 11.67 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:112 Resp: 29019

Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.8	38.8



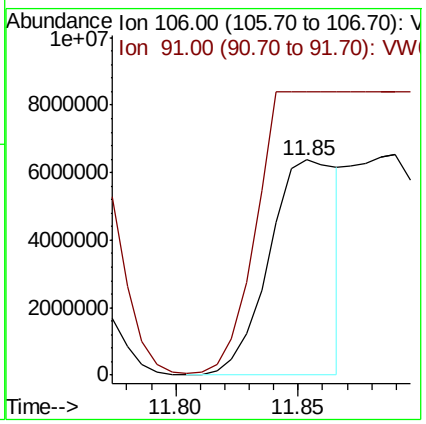


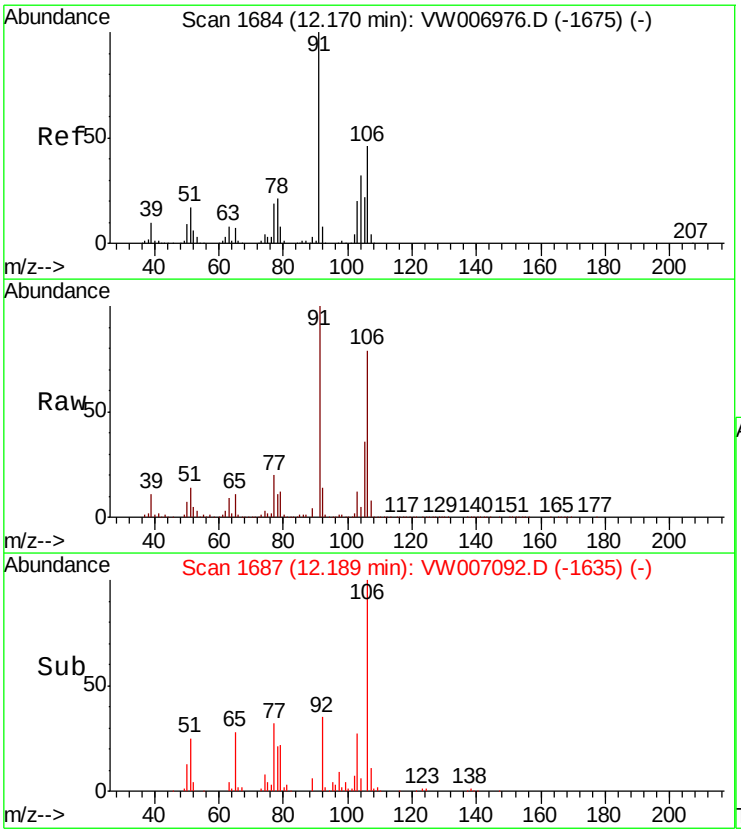
#68
m/p-Xylenes
Concen: 12386.792 ug/l
RT: 11.85 min Scan# 1632
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:106 Resp:12316557

Ion	Ratio	Lower	Upper
106	100		
91	0.0	164.8	247.2#

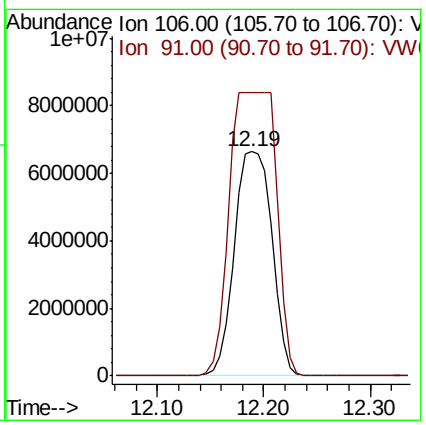


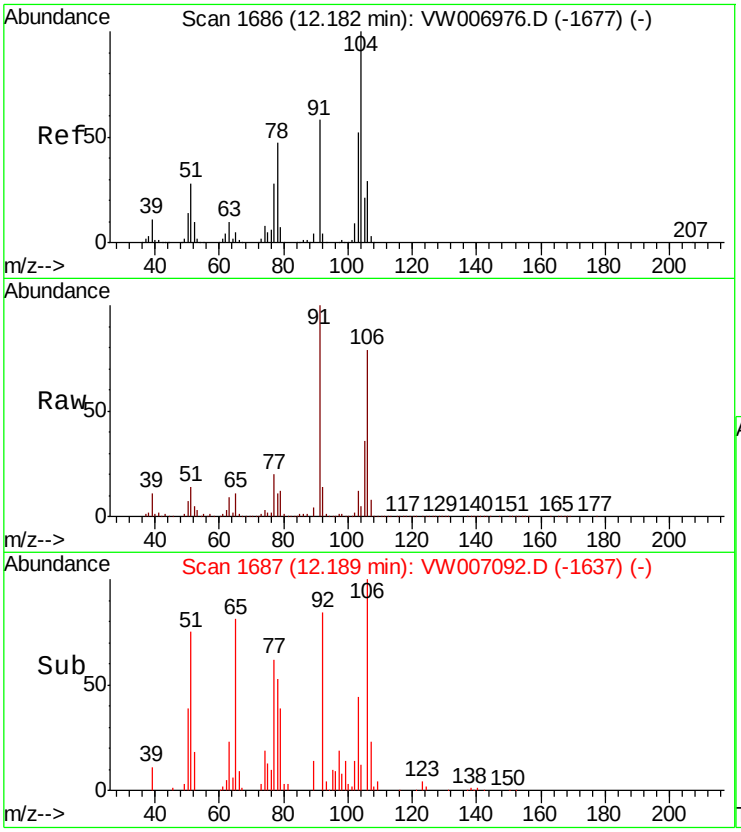


#69
o-Xylene
Concen: 17617.994 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:106 Resp:16518162

Ion	Ratio	Lower	Upper
106	100		
91	0.0	107.9	323.8#



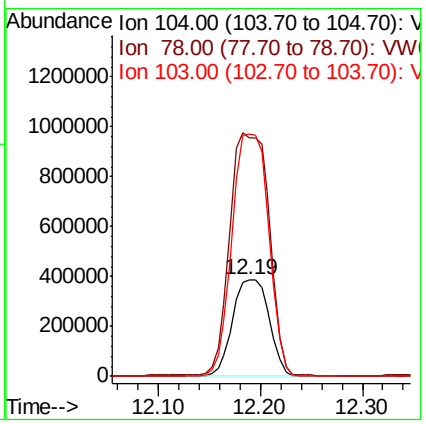


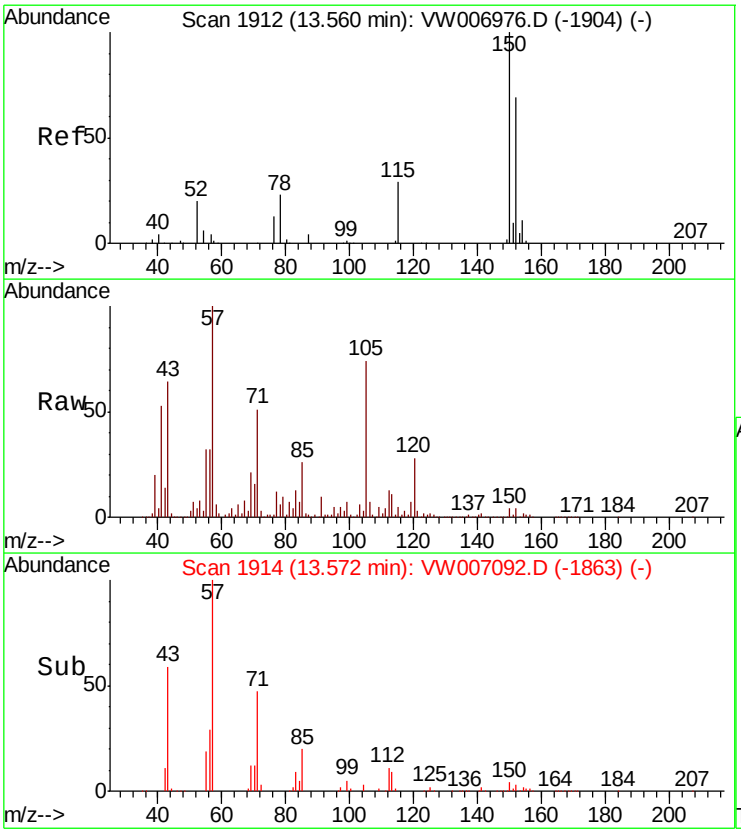
#70
Stvrene
Concen: 644.407 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:104 Resp: 961597

Ion	Ratio	Lower	Upper
104	100		
78	269.8	41.8	62.8#
103	251.5	44.4	66.6#

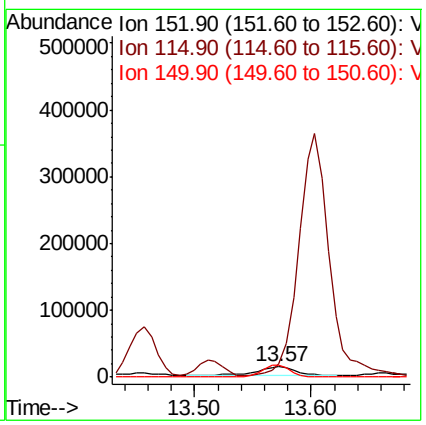


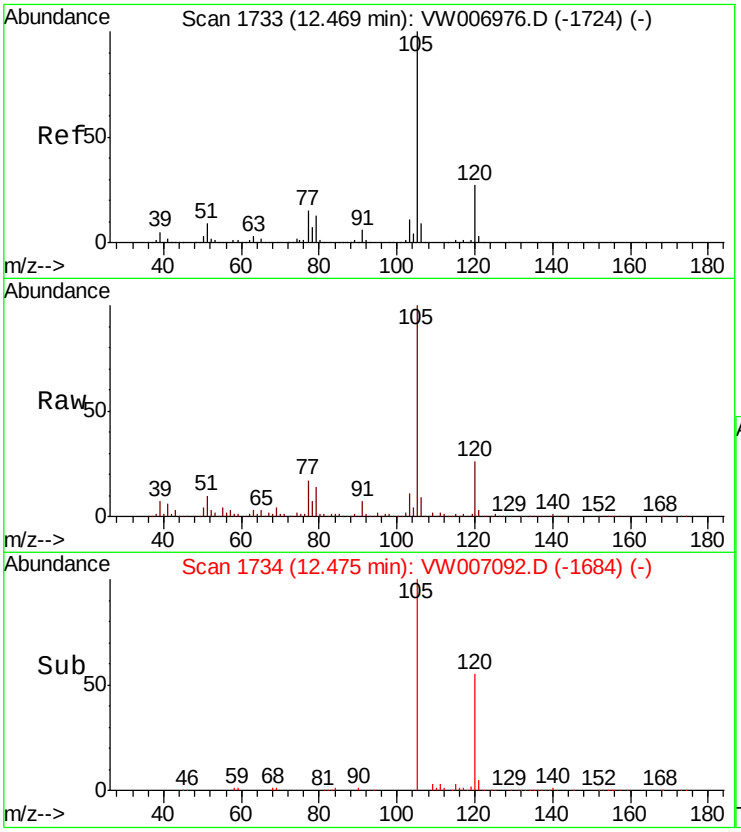


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1914
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:152 Resp: 30091

Ion	Ratio	Lower	Upper
152	100		
115	0.0	31.4	94.2#
150	97.1	0.0	353.4



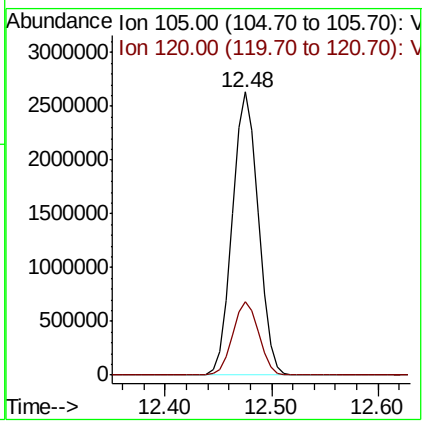


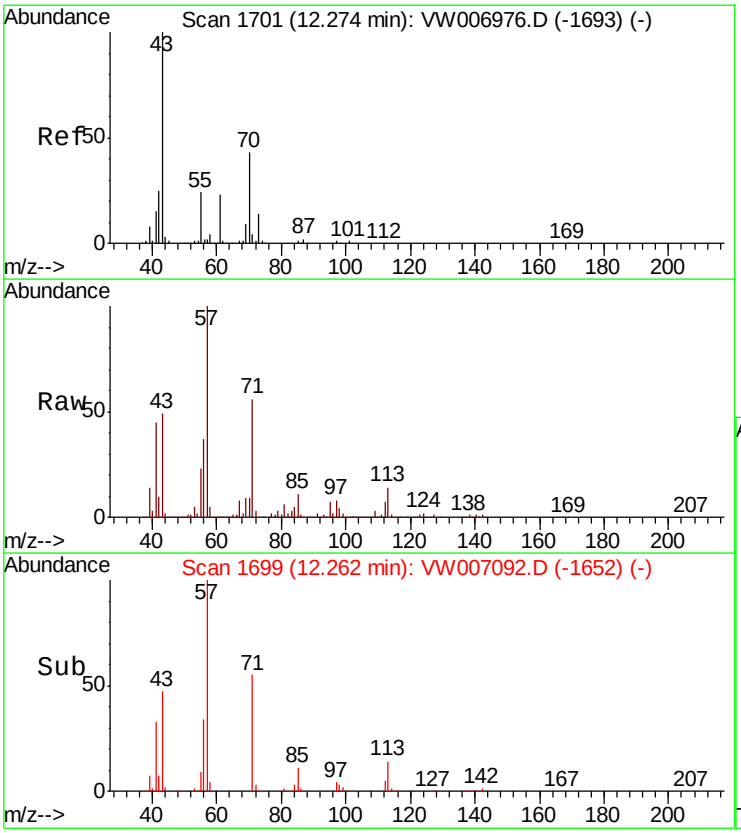
#73
Isopropylbenzene
Concen: 1931.094 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:105 Resp: 4516121

Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.3	39.8

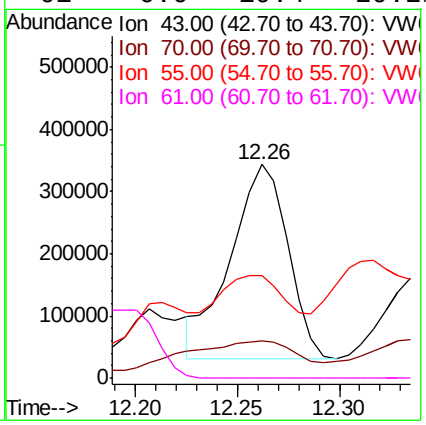


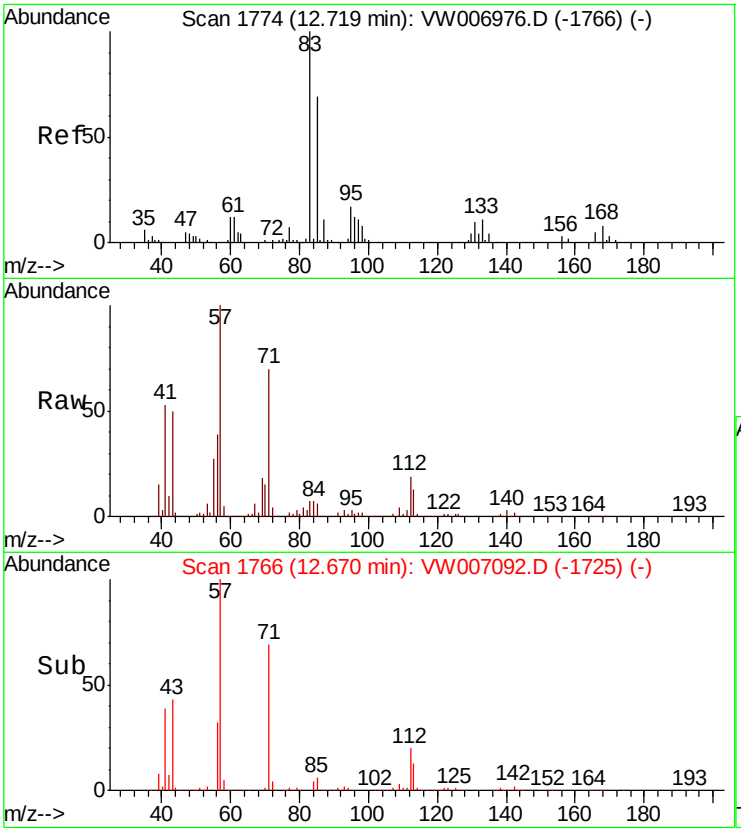


#74
N-amyl acetate
Concen: 1558.815 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 43 Resp: 610981

Ion	Ratio	Lower	Upper
43	100		
70	28.3	34.0	51.0#
55	17.8	19.4	29.0#
61	0.0	19.4	29.2#



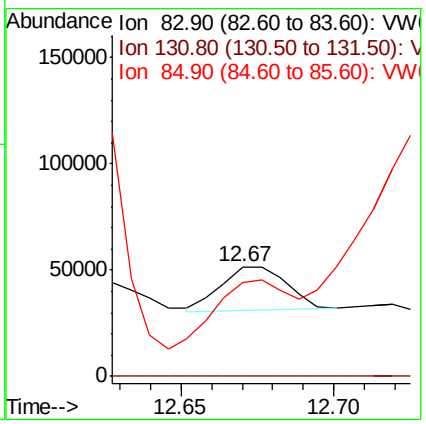


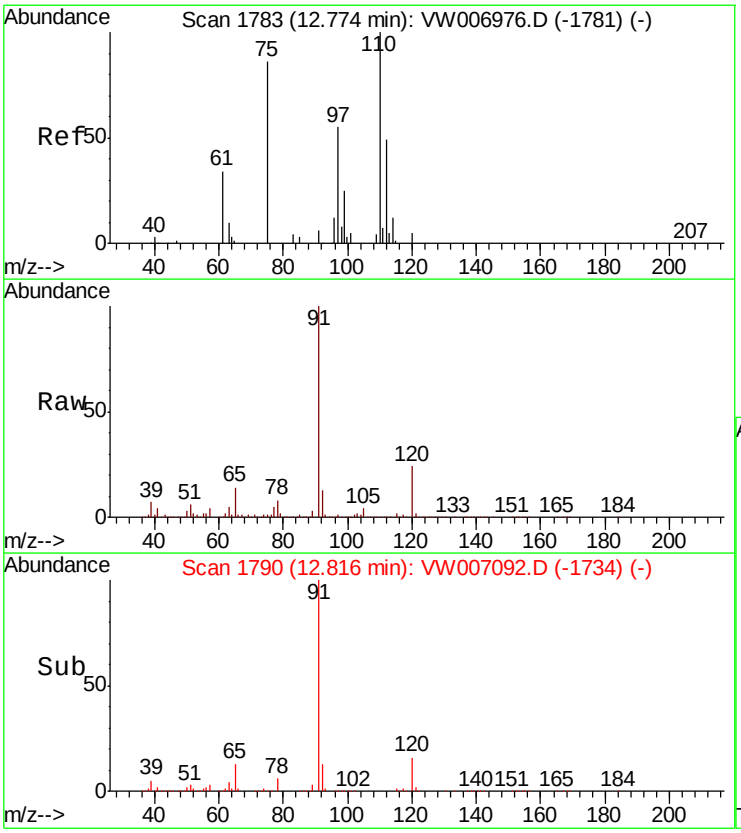
#75
1,1,2,2-Tetrachloroethane
Concen: 98.245 ug/l
RT: 12.67 min Scan# 1766
Delta R.T. -0.05 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 83 Resp: 30577

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.1#
85	187.3	33.1	99.2#

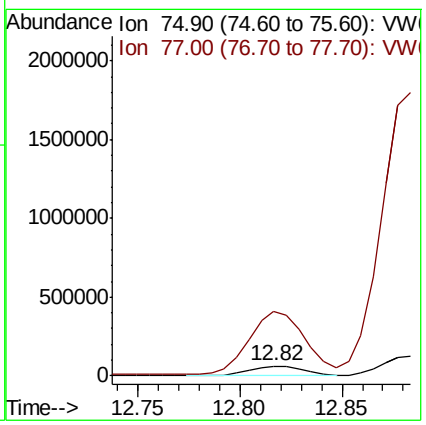


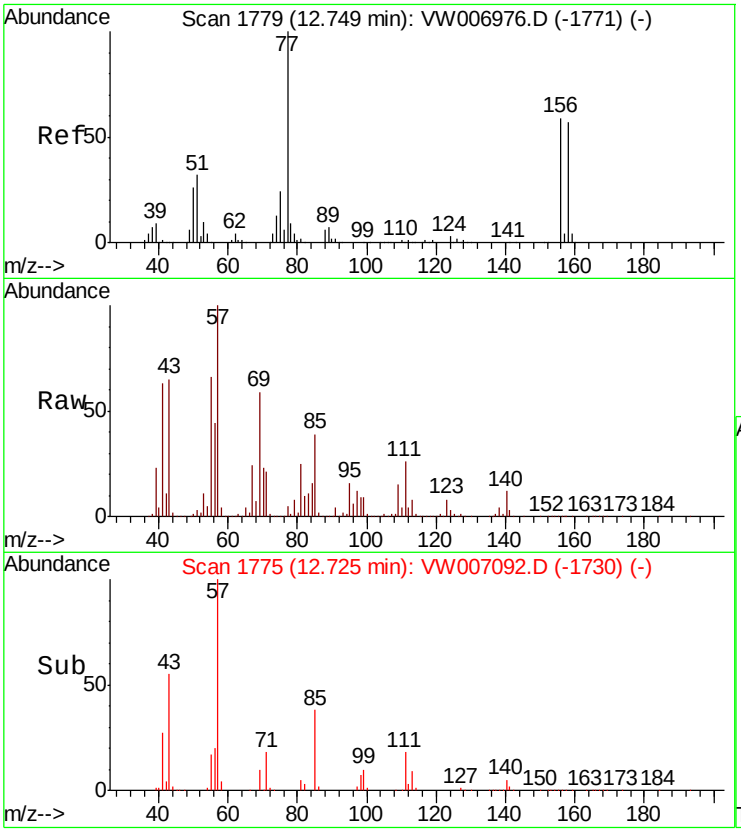


#76
1,2,3-Trichloropropane
Concen: 499.808 ug/l
RT: 12.82 min Scan# 1790
Delta R.T. 0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 75 Resp: 118181

Ion	Ratio	Lower	Upper
75	100		
77	643.2	0.0	0.0#



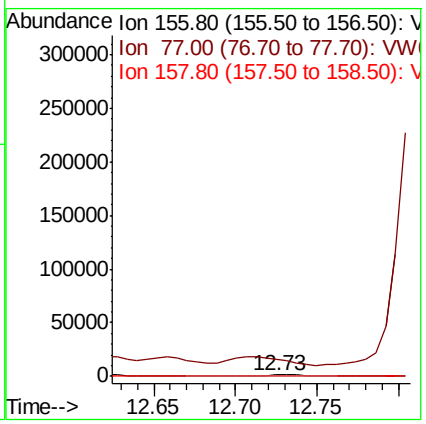


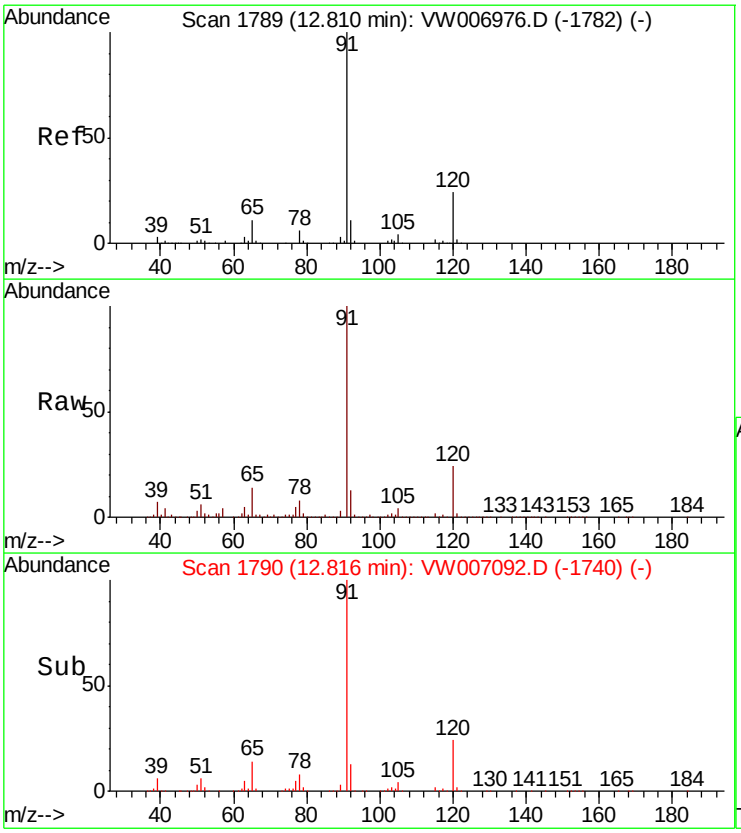
#77
Bromobenzene
Concen: 5.686 ug/l
RT: 12.73 min Scan# 1775
Delta R.T. -0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:156 Resp: 2856

Ion	Ratio	Lower	Upper
156	100		
77	0.0	94.6	283.8#
158	0.0	48.9	146.7#

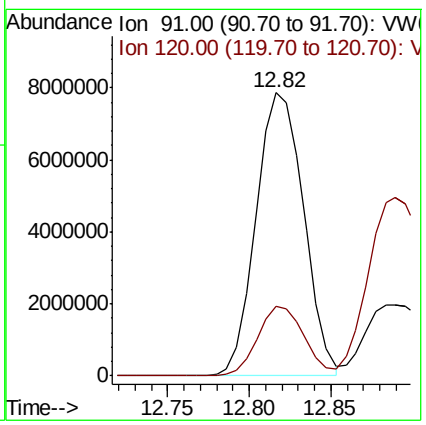


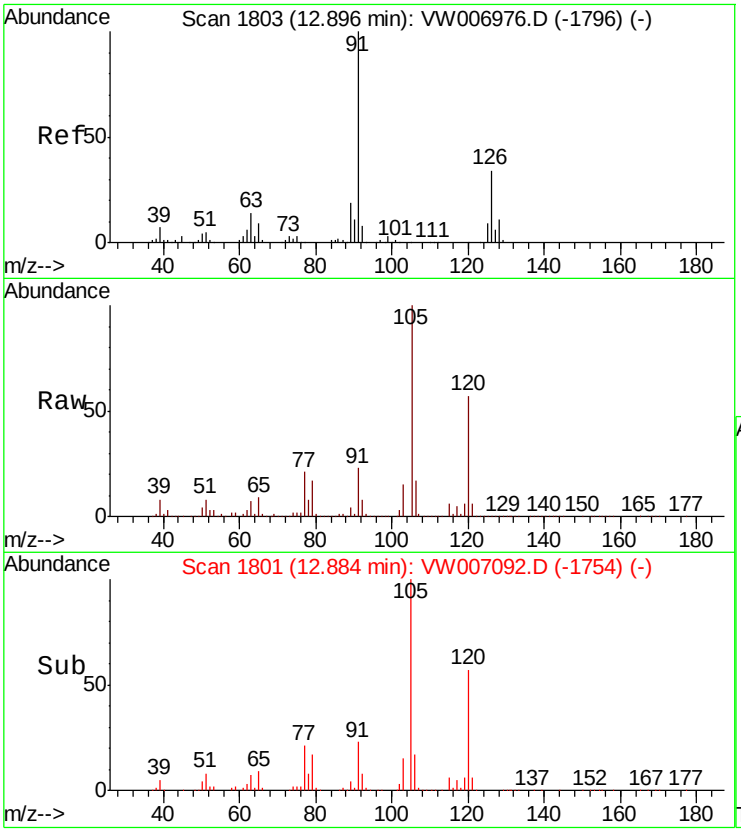


#78
n-propylbenzene
Concen: 5594.297 ug/l
RT: 12.82 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 91 Resp:15847492

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.7	35.1



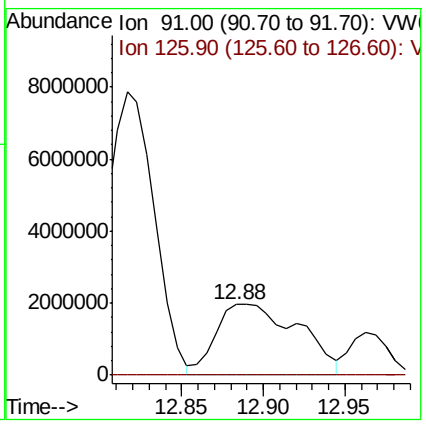


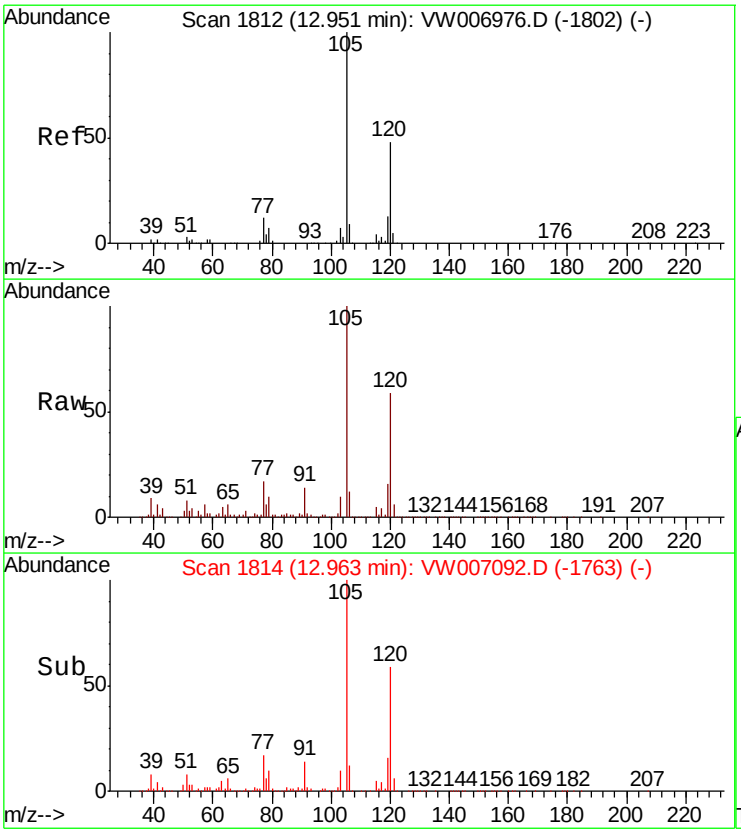
#79
2-Chlorotoluene
Concen: 4223.234 ug/l
RT: 12.88 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 91 Resp: 6898098

Ion	Ratio	Lower	Upper
91	100		
126	0.1	16.7	50.0#

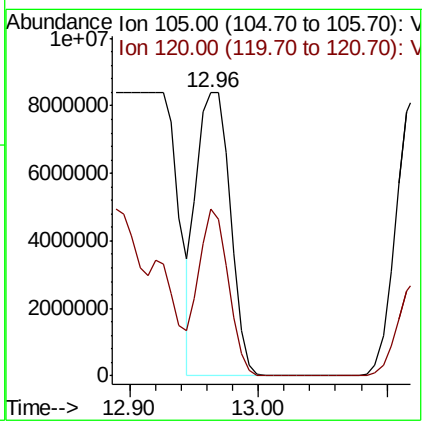


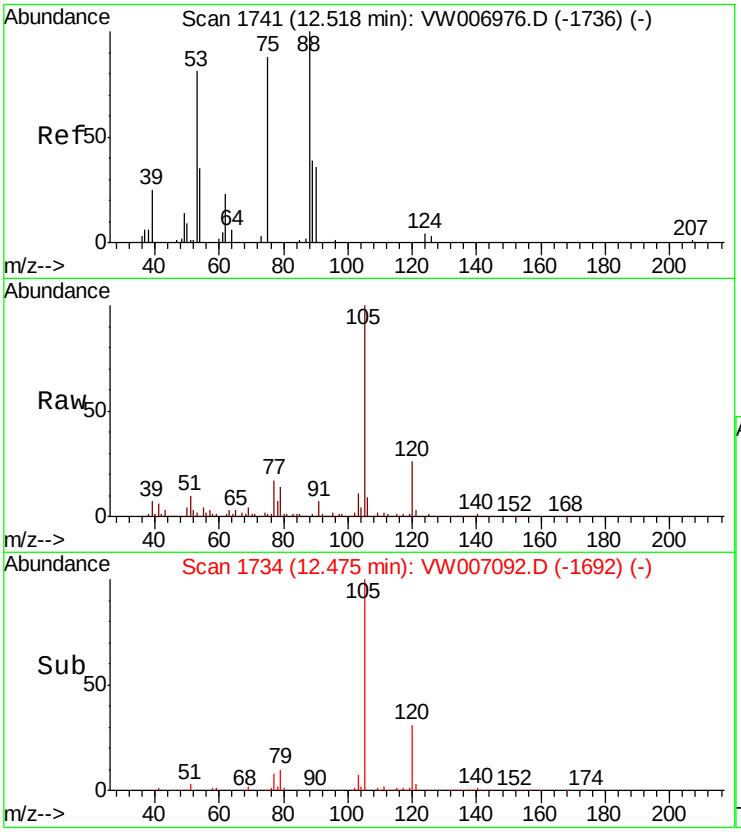


#80
1,3,5-Trimethylbenzene
Concen: 7532.700 ug/l
RT: 12.96 min Scan# 1814
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:105 Resp:15233650

Ion	Ratio	Lower	Upper
105	100		
120	52.1	23.8	71.2



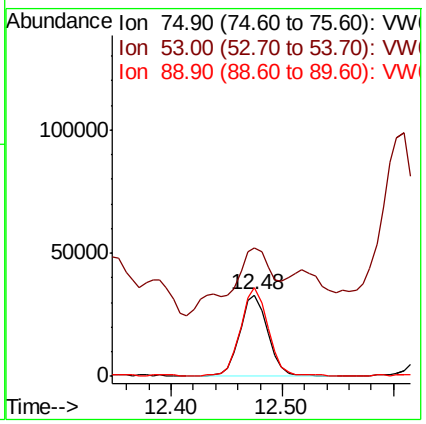


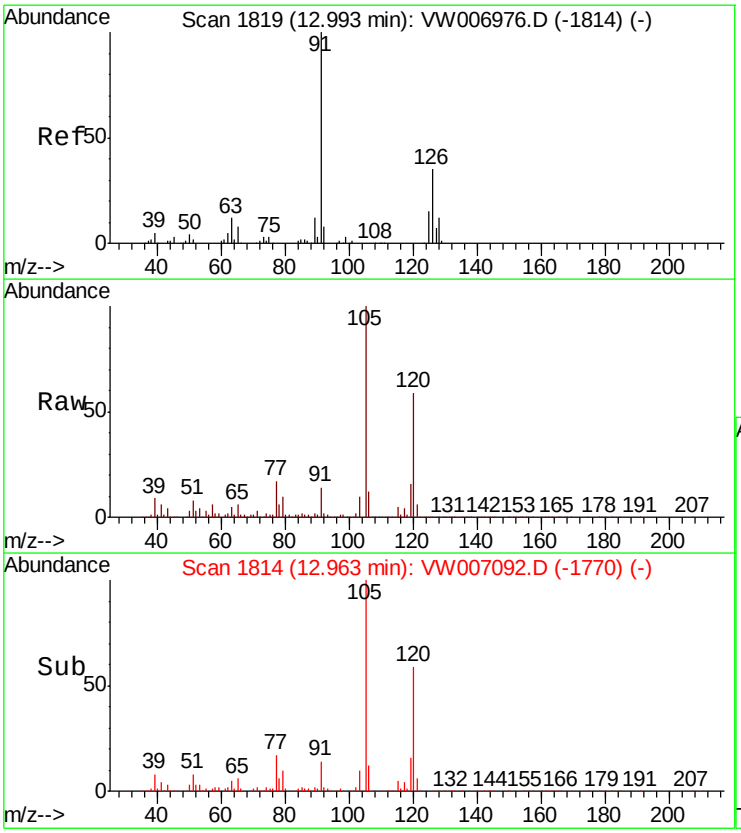
#81
trans-1,4-Dichloro-2-butene
Concen: 600.518 ug/l
RT: 12.48 min Scan# 1734
Delta R.T. -0.04 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion: 75 Resp: 56558

Ion	Ratio	Lower	Upper
75	100		
53	130.3	77.6	116.4#
89	107.9	39.3	58.9#

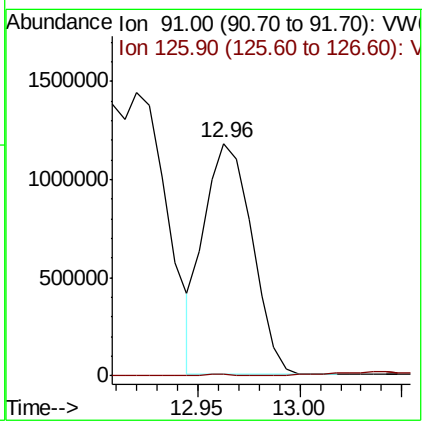


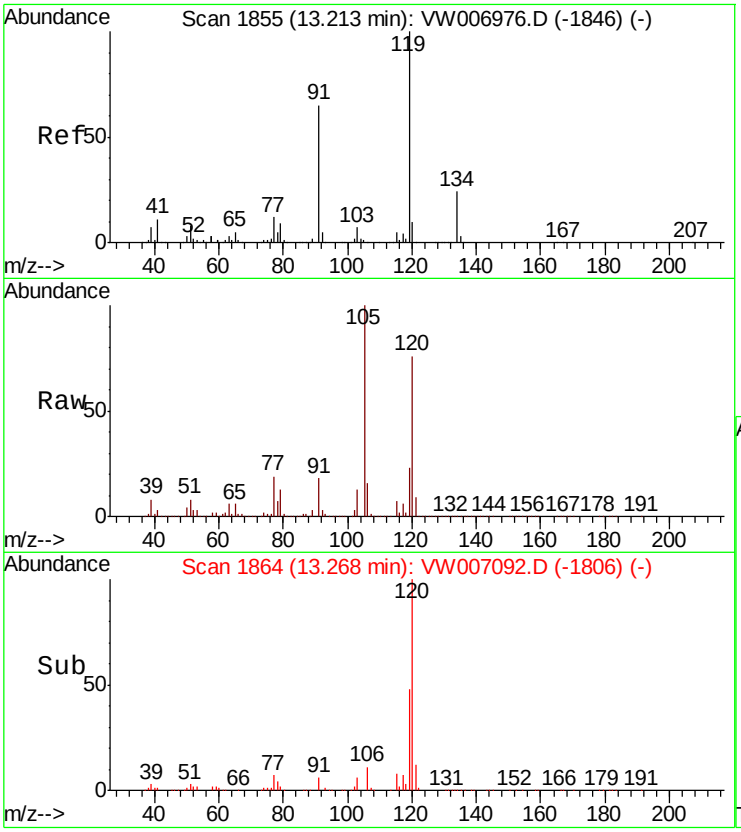


#82
4-Chlorotoluene
Concen: 1119.801 ug/l
RT: 12.96 min Scan# 1814
Delta R.T. -0.03 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 91 Resp: 1919412

Ion	Ratio	Lower	Upper
91	100		
126	0.6	16.6	49.7#



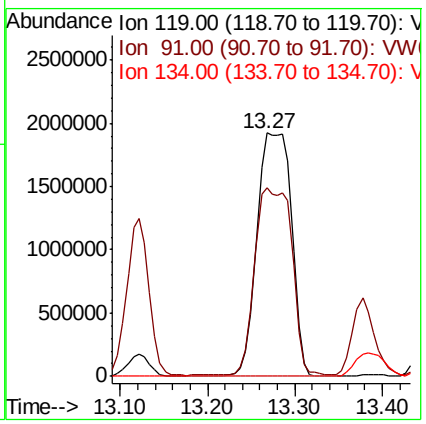


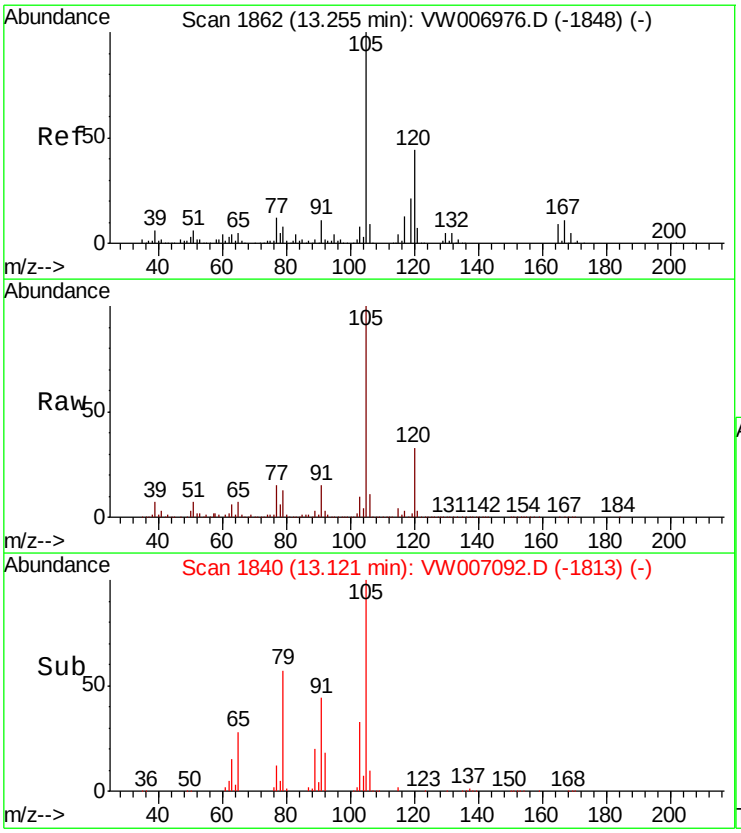
#83
tert-Butylbenzene
Concen: 2987.936 ug/l
RT: 13.27 min Scan# 1864
Delta R.T. 0.05 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:119 Resp: 5231560

Ion	Ratio	Lower	Upper
119	100		
91	82.1	33.5	100.5
134	0.0	12.6	37.8#

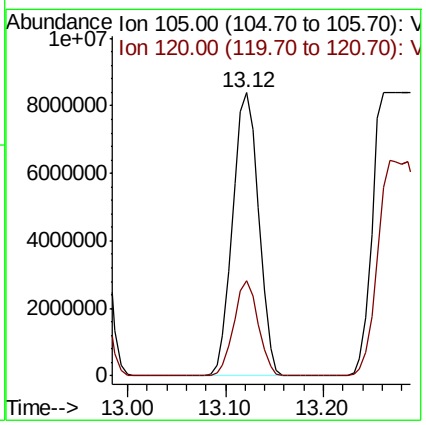


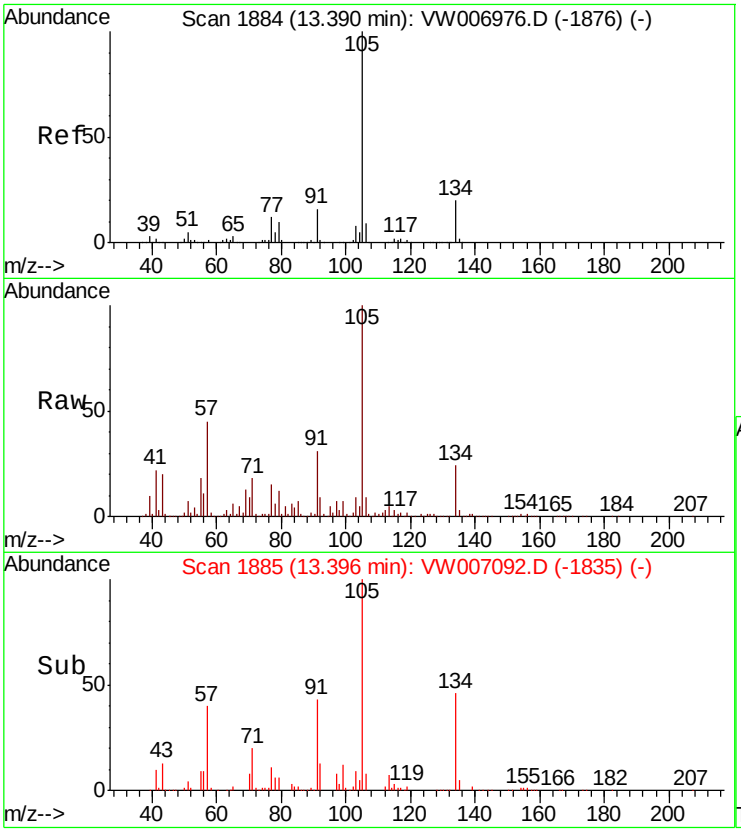


#84
1,2,4-Trimethylbenzene
Concen: 7686.325 ug/l
RT: 13.12 min Scan# 1840
Delta R.T. -0.13 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:105 Resp:15486939

Ion	Ratio	Lower	Upper
105	100		
120	31.5	21.8	65.3



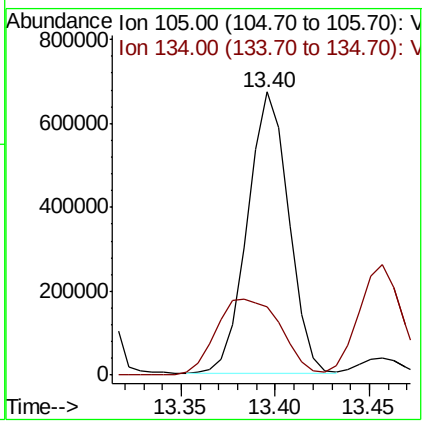


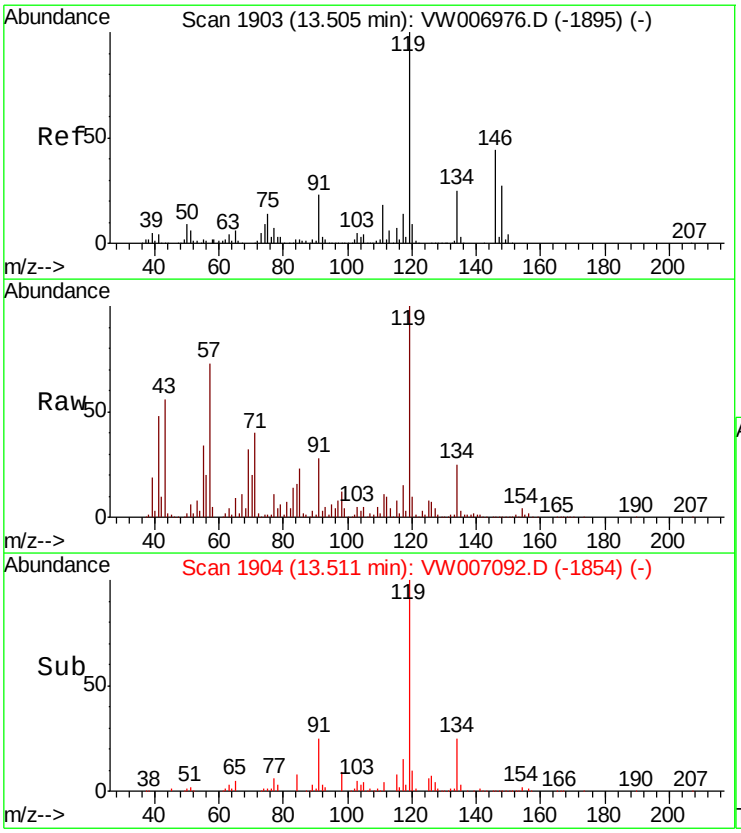
#85
sec-Butylbenzene
Concen: 409.496 ug/l
RT: 13.40 min Scan# 1885
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:105 Resp: 1012909

Ion	Ratio	Lower	Upper
105	100		
134	42.9	9.8	29.3#

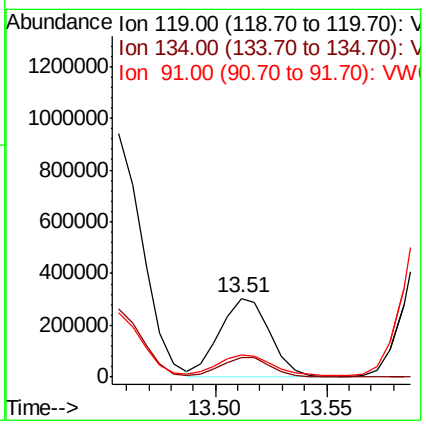


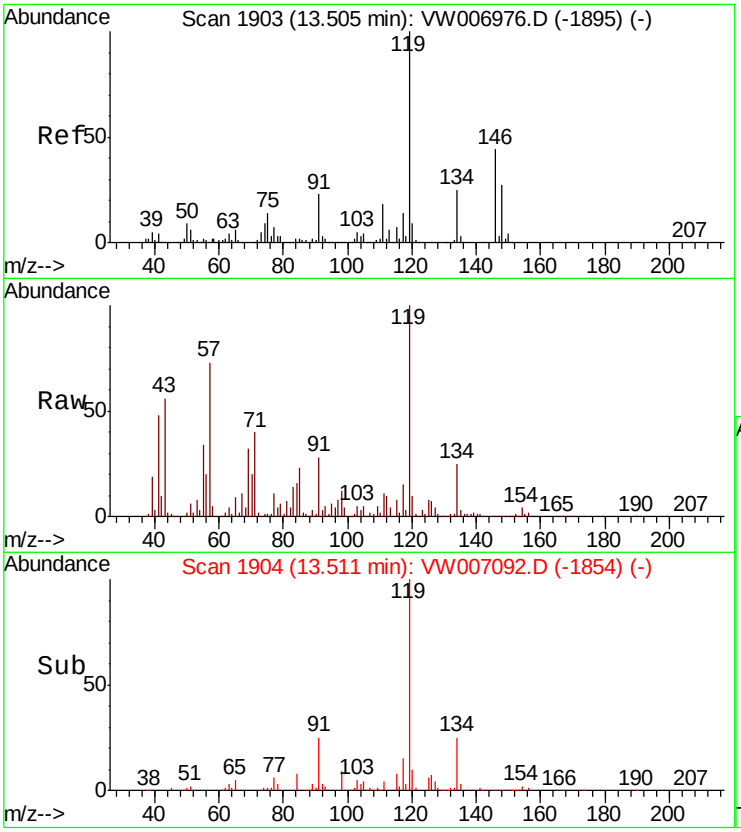


#86
p-Isopropyltoluene
Concen: 217.338 ug/l
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:119 Resp: 474273

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.8	38.3
91	27.7	12.2	36.6



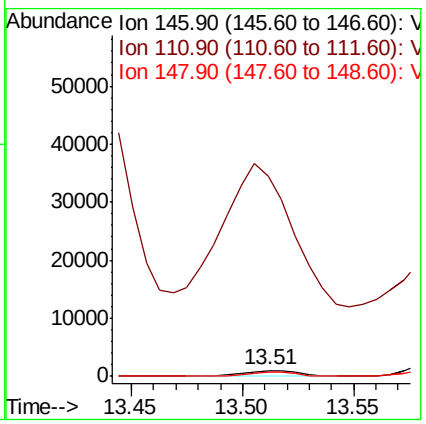


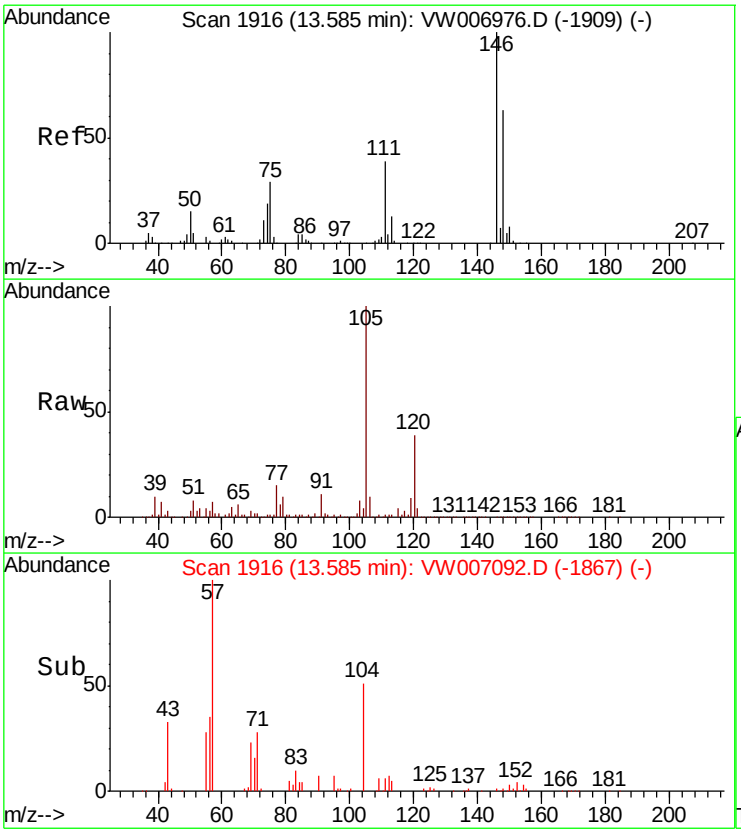
#87
1,3-Dichlorobenzene
Concen: 1.579 ug/l
RT: 13.51 min Scan# 1904
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:146 Resp: 1619

Ion	Ratio	Lower	Upper
146	100		
111	3329.6	21.1	63.3#
148	67.0	31.6	94.8

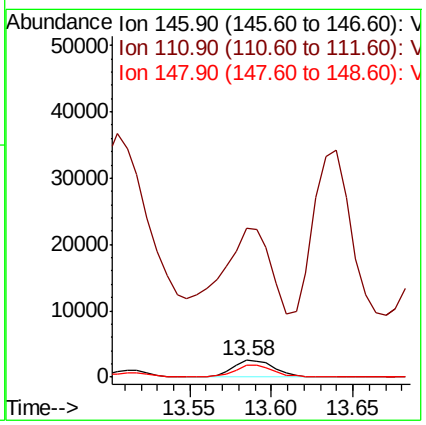


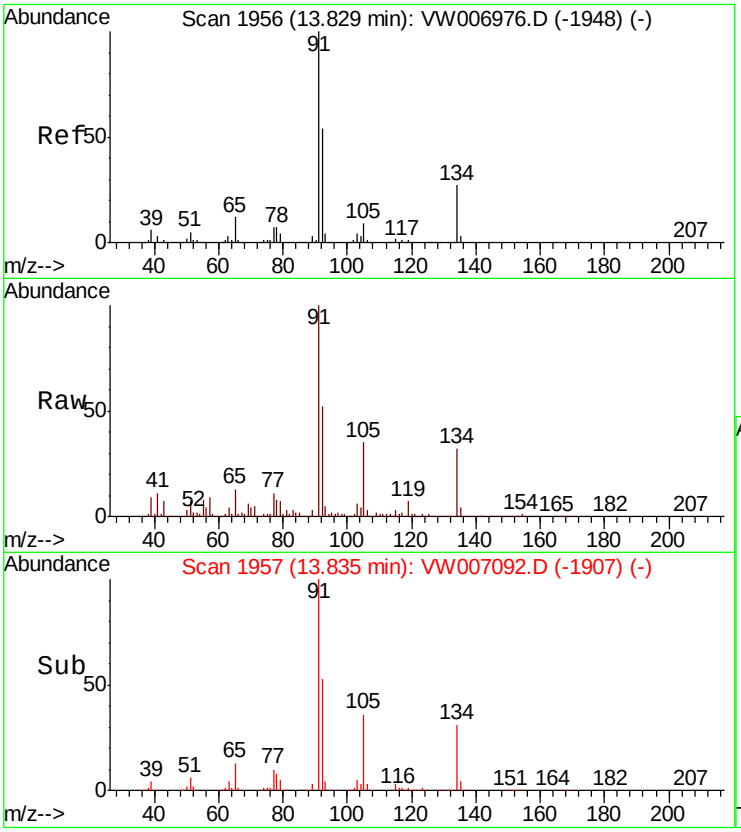


#88
1,4-Dichlorobenzene
Concen: 4.335 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:146 Resp: 4432

Ion	Ratio	Lower	Upper
146	100		
111	564.6	20.6	61.8#
148	68.1	32.3	96.8



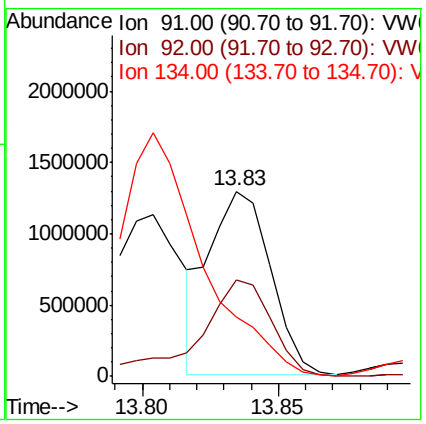


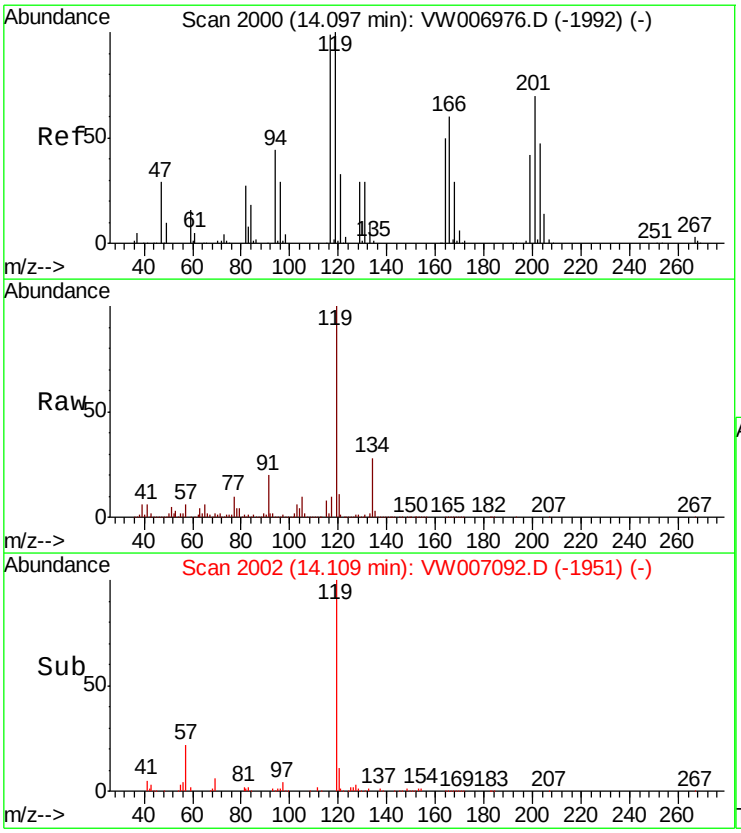
#89
n-Butylbenzene
Concen: 974.597 ug/l
RT: 13.83 min Scan# 1957
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion: 91 Resp: 2001413

Ion	Ratio	Lower	Upper
91	100		
92	59.8	26.8	80.4
134	0.0	13.3	39.8#

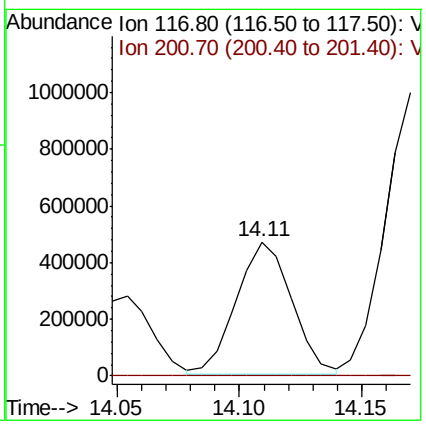


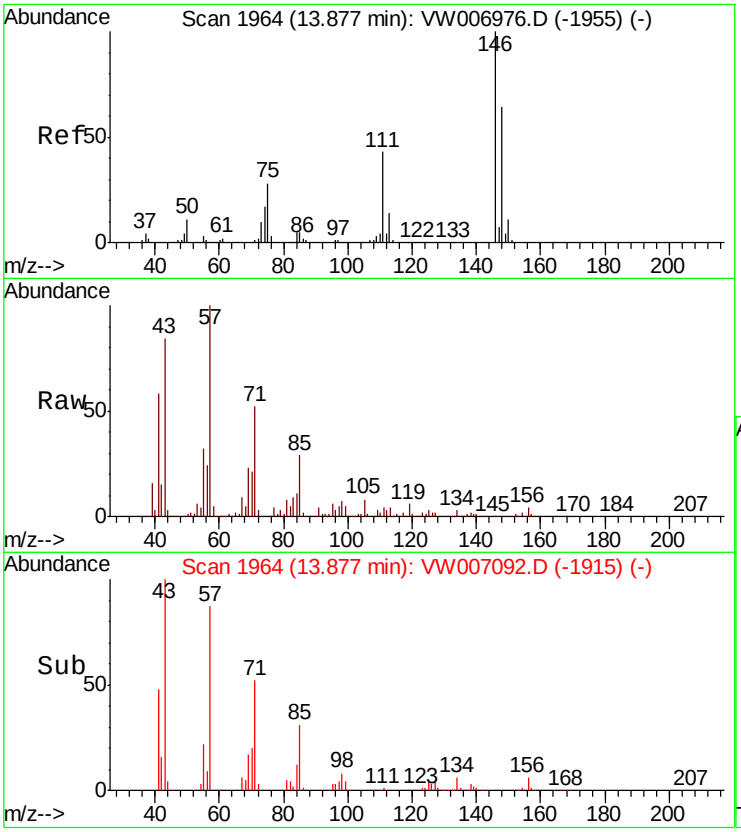


#90
Hexachloroethane
Concen: 2302.453 ug/l
RT: 14.11 min Scan# 2002
Delta R.T. 0.01 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:117 Resp: 733541

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.9	107.5#



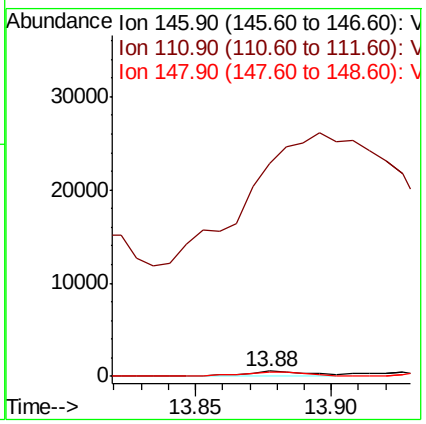


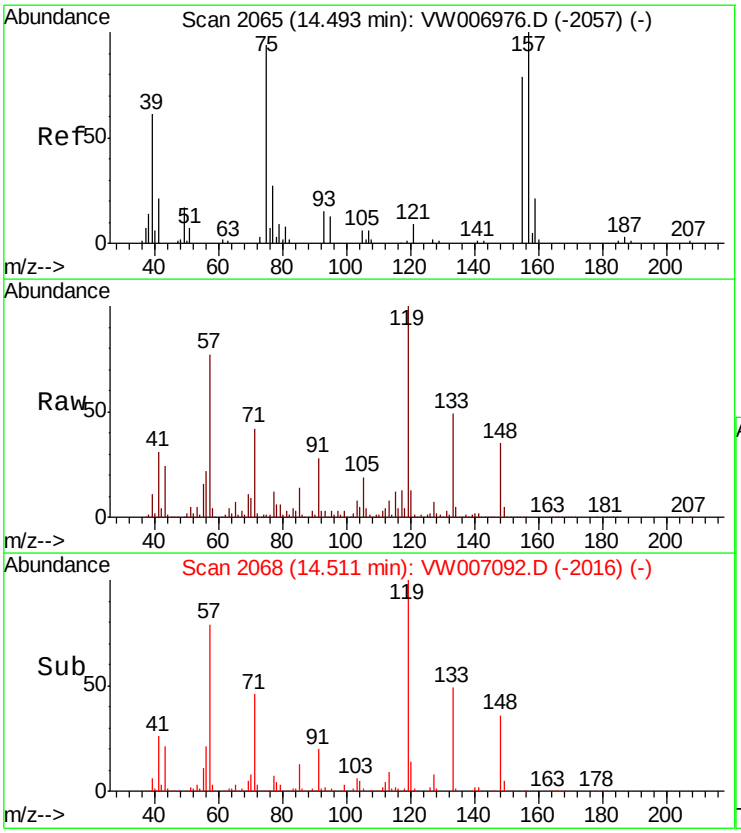
#91
1,2-Dichlorobenzene
Concen: 1.032 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument : MSVOA_W
ClientSampleId : AOC2-01R

Tgt Ion:146 Resp: 927

Ion	Ratio	Lower	Upper
146	100		
111	8482.1	21.9	65.7#
148	78.2	32.2	96.6

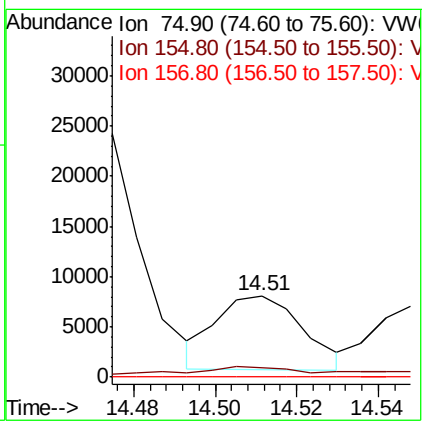


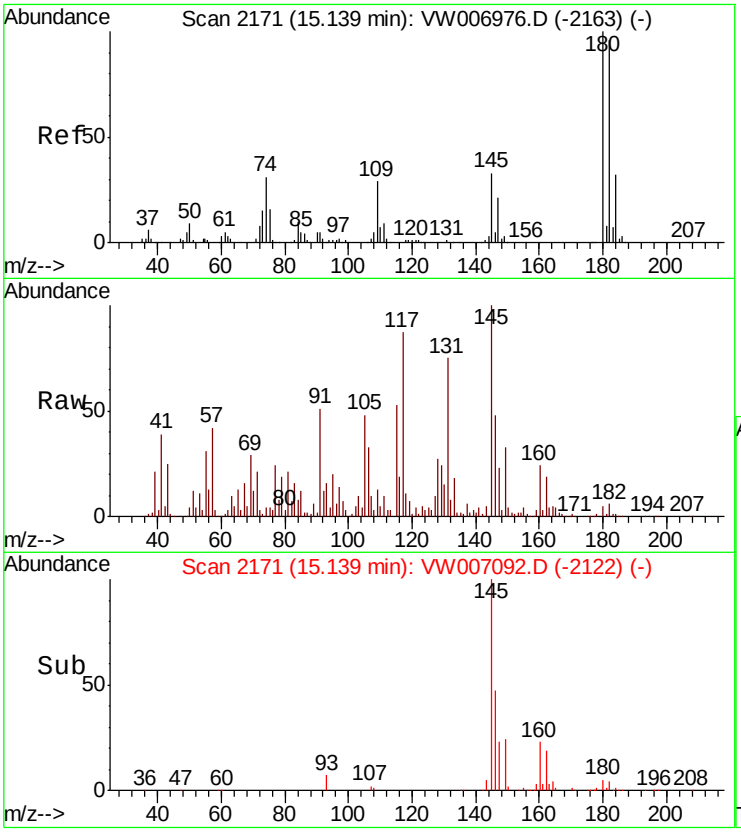


#92
1,2-Dibromo-3-Chloropropane
Concen: 205.442 ug/l
RT: 14.51 min Scan# 2068
Delta R.T. 0.02 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion: 75 Resp: 10799

Ion	Ratio	Lower	Upper
75	100		
155	9.1	42.6	127.8#
157	0.0	55.0	165.0#



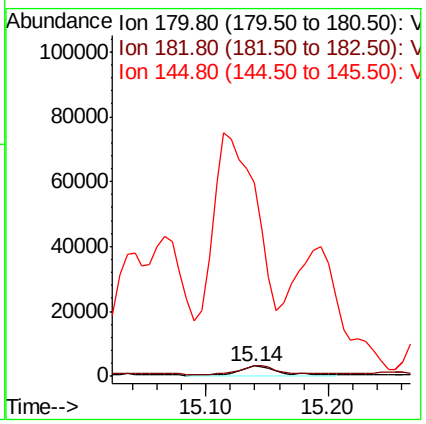


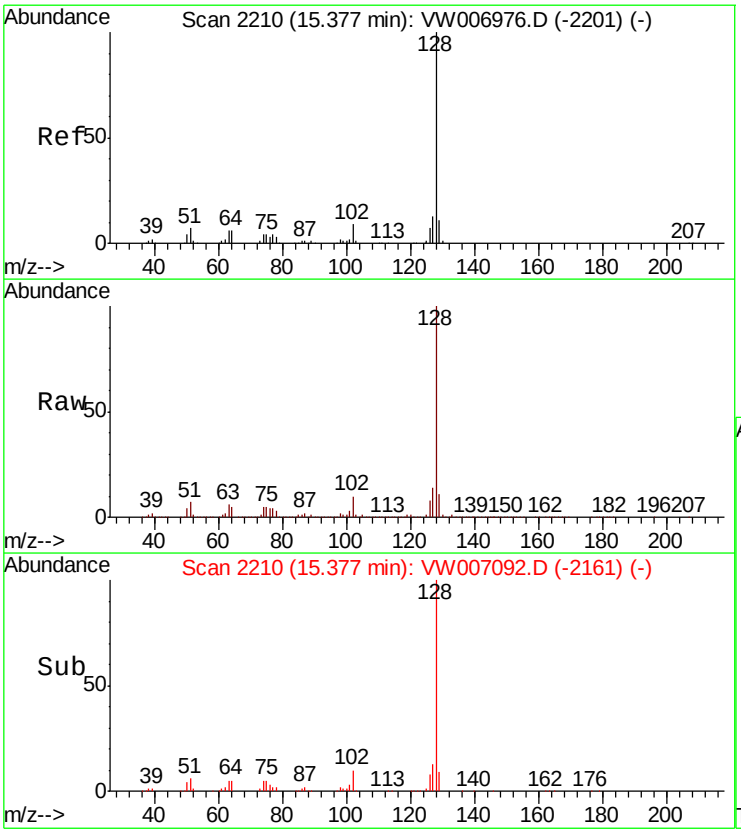
#93
1,2,4-Trichlorobenzene
Concen: 10.415 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:180 Resp: 6171

Ion	Ratio	Lower	Upper
180	100		
182	91.1	47.1	141.3
145	0.0	16.5	49.5#

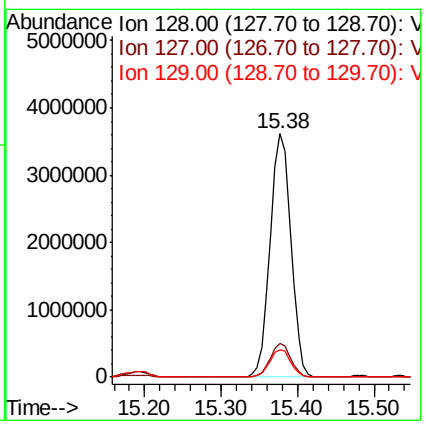


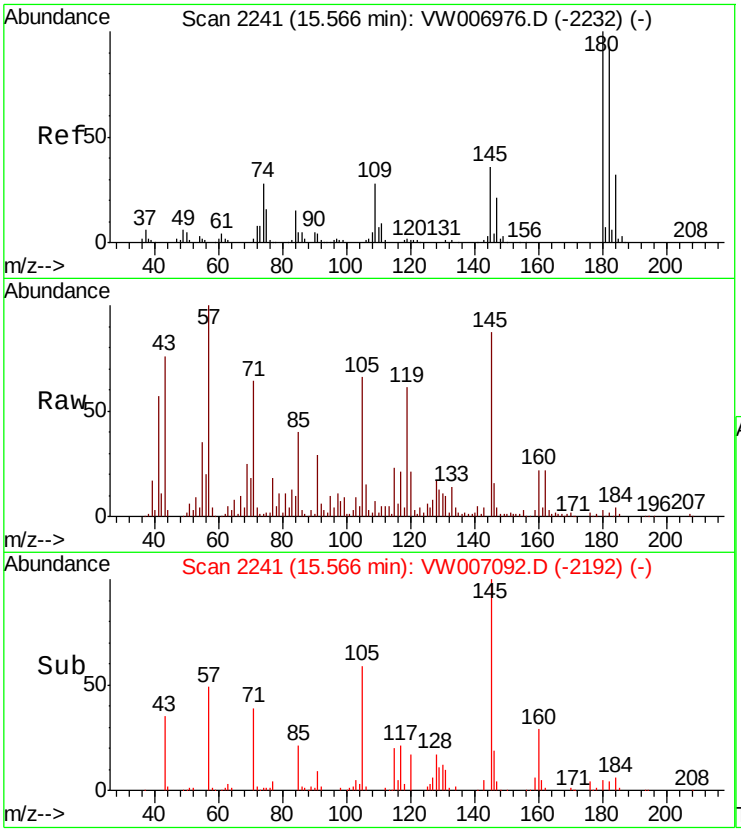


#95
Naphthalene
Concen: 6387.368 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Tgt Ion:128 Resp: 6869811

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.2	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.902 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007092.D
Acq: 27 Nov 2018 17:11

Instrument :
MSVOA_W
ClientSampleId :
AOC2-01R

Tgt Ion:180 Resp: 1918

Ion	Ratio	Lower	Upper
180	100		
182	66.6	47.0	141.2
145	0.0	18.0	54.0#