Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

Quantitation Report (Not Reviewed)

Data File : VW008617.D
Acq On : 12 Feb 2019 12:45
Operator : SY/VA
Sample : VW0212SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Quant Time: Feb 13 00:19:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	394367	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	590855	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	534692	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	284024	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	209031	53.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 107.90%				
35) Dibromofluoromethane	7.88	113	193221	55.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 111.86%				
50) Toluene-d8	10.32	98	733374	52.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.86%				
62) 4-Bromofluorobenzene	12.62	95	272614	51.19	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	34666	17.474	ug/l		94
3) Chloromethane	2.21	50	59223	18.397	ug/l		99
4) Vinyl Chloride	2.36	62	79806	19.475	ug/l		99
5) Bromomethane	2.78	94	65358	24.727	ug/l		95
6) Chloroethane	2.92	64	63411	25.302	ug/l		95
7) Trichlorofluoromethane	3.24	101	63489	20.854	ug/l		87
8) Diethyl Ether	3.68	74	43426	22.081	ug/l		95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	73802	20.691	ug/l		96
10) Methyl Iodide	4.26	142	113838	20.206	ug/l		99
11) Tert butyl alcohol	5.19	59	30705	98.437	ug/l	#	87
12) 1,1-Dichloroethene	4.03	96	70389	19.500	ug/l		97
13) Acrolein	3.89	56	23854	89.411	ug/l		99
14) Allyl chloride	4.65	41	129686	18.920	ug/l		99
15) Acrylonitrile	5.37	53	92961	109.464	ug/l		98
16) Acetone	4.12	43	92799	106.662	ug/l		97
17) Carbon Disulfide	4.37	76	197803	17.157	ug/l		98
18) Methyl Acetate	4.67	43	48794	21.027	ug/l		96
19) Methyl tert-butyl Ether	5.42	73	139060	23.284	ug/l		99
20) Methylene Chloride	4.90	84	84810	21.150	ug/l		96
21) trans-1,2-Dichloroethene	5.41	96	84161	20.738	ug/l		89
22) Diisopropyl ether	6.31	45	255164	19.642	ug/l		98
23) Vinyl Acetate	6.25	43	790189	103.012	ug/l		100
24) 1,1-Dichloroethane	6.21	63	148959	20.257	ug/l		99
25) 2-Butanone	7.17	43	128907	106.671	ug/l		99
26) 2,2-Dichloropropane	7.16	77	97612	19.638	ug/l		98
27) cis-1,2-Dichloroethene	7.16	96	88982	20.119	ug/l		97
28) Bromochloromethane	7.51	49	68313	20.226	ug/l		98
29) Tetrahydrofuran	7.52	42	84157	109.895	ug/l		96
30) Chloroform	7.67	83	149719	20.700	ug/l		99
31) Cyclohexane	7.95	56	140024	18.416	ug/l		96
32) 1,1,1-Trichloroethane	7.87	97	127952	20.482	ug/l		98
36) 1,1-Dichloropropene	8.07	75	117780	21.103	ug/l		99
37) Ethyl Acetate	7.25	43	58691	23.768	ug/l		98
38) Carbon Tetrachloride	8.06	117	119702	21.313	ug/l		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

Quantitation Report (Not Reviewed)

Data File : VW008617.D
Acq On : 12 Feb 2019 12:45
Operator : SY/VA
Sample : VW0212SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Quant Time: Feb 13 00:19:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.33	83	147292	20.089	ug/l		98
40) Benzene	8.32	78	325549	21.020	ug/l		99
41) Methacrylonitrile	7.48	41	34019	23.267	ug/l		98
42) 1,2-Dichloroethane	8.40	62	102814	22.908	ug/l		100
43) Isopropyl Acetate	8.42	43	118673	23.133	ug/l		99
44) Trichloroethene	9.09	130	91570	21.743	ug/l		94
45) 1,2-Dichloropropane	9.37	63	82251	21.300	ug/l		98
46) Dibromomethane	9.46	93	45166	22.740	ug/l		98
47) Bromodichloromethane	9.64	83	110947	21.119	ug/l		99
48) Methyl methacrylate	9.44	41	53518	21.335	ug/l		94
49) 1,4-Dioxane	9.46	88	13997	416.923	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.21	43	296933	117.160	ug/l		99
52) Toluene	10.38	92	209635	20.505	ug/l		97
53) t-1,3-Dichloropropene	10.60	75	117685	21.053	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	132206	20.840	ug/l		97
55) 1,1,2-Trichloroethane	10.79	97	63978	23.223	ug/l		95
56) Ethyl methacrylate	10.65	69	83442	21.616	ug/l		96
57) 1,3-Dichloropropane	10.93	76	114277	23.154	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.92	63	216580	115.474	ug/l		99
59) 2-Hexanone	10.97	43	210734	117.781	ug/l		99
60) Dibromochloromethane	11.13	129	76209	21.526	ug/l		100
61) 1,2-Dibromoethane	11.23	107	61035	22.344	ug/l		99
64) Tetrachloroethene	10.86	164	77850	21.504	ug/l		98
65) Chlorobenzene	11.66	112	235090	21.538	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.73	131	83384	21.352	ug/l		98
67) Ethyl Benzene	11.73	91	412732	20.571	ug/l		99
68) m/p-Xylenes	11.84	106	317888	40.836	ug/l		100
69) o-Xylene	12.16	106	155627	21.041	ug/l		95
70) Styrene	12.18	104	247254	20.238	ug/l		98
71) Bromoform	12.35	173	45375	20.651	ug/l	#	100
73) Isopropylbenzene	12.46	105	423899	20.019	ug/l		99
74) N-amyl acetate	12.27	43	112021	20.536	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.71	83	76507	22.822	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	101594	41.141	ug/l	#	1
77) Bromobenzene	12.75	156	99088	21.428	ug/l		94
78) n-propylbenzene	12.80	91	504725	19.846	ug/l		98
79) 2-Chlorotoluene	12.90	91	284188	19.802	ug/l		98
80) 1,3,5-Trimethylbenzene	12.94	105	350931	19.828	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.52	75	23655	18.920	ug/l		90
82) 4-Chlorotoluene	12.99	91	295422	19.335	ug/l		96
83) tert-Butylbenzene	13.21	119	308129	19.564	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	360123	20.019	ug/l		100
85) sec-Butylbenzene	13.38	105	447926	19.915	ug/l		99
86) p-Isopropyltoluene	13.50	119	395509	20.074	ug/l		99
87) 1,3-Dichlorobenzene	13.50	146	198817	21.288	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	196091	21.127	ug/l		99
89) n-Butylbenzene	13.83	91	378789	19.581	ug/l		100
90) Hexachloroethane	14.10	117	72828	18.902	ug/l		99
91) 1,2-Dichlorobenzene	13.87	146	175246	21.207	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13408	21.079	ug/l		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

Quantitation Report (Not Reviewed)

Data File : VW008617.D
Acq On : 12 Feb 2019 12:45
Operator : SY/VA
Sample : VW0212SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Quant Time: Feb 13 00:19:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	133163	22.582	ug/l	98
94) Hexachlorobutadiene	15.24	225	78629	22.125	ug/l	100
95) Naphthalene	15.37	128	238526	23.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	113566	22.703	ug/l	100

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

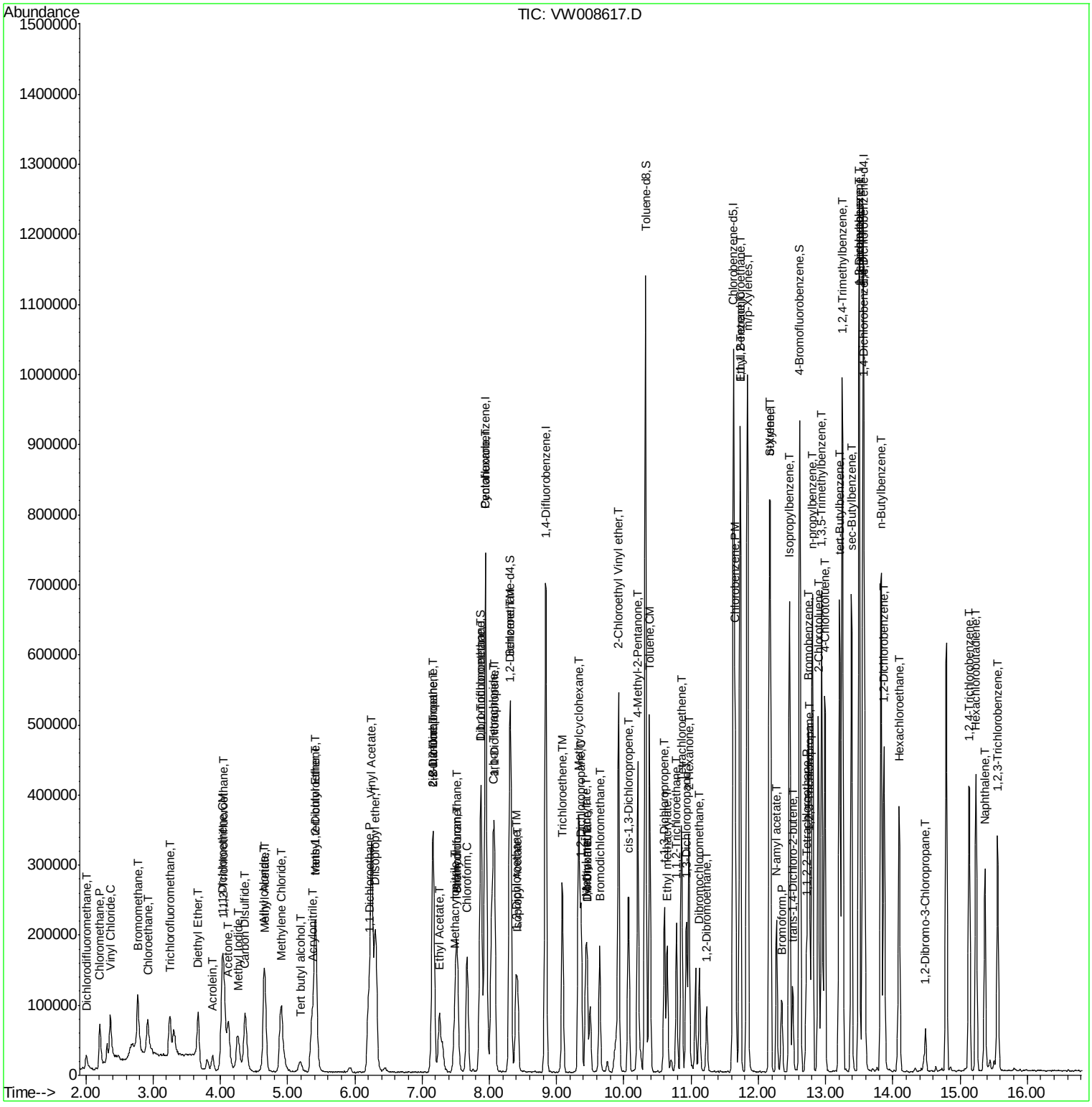
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

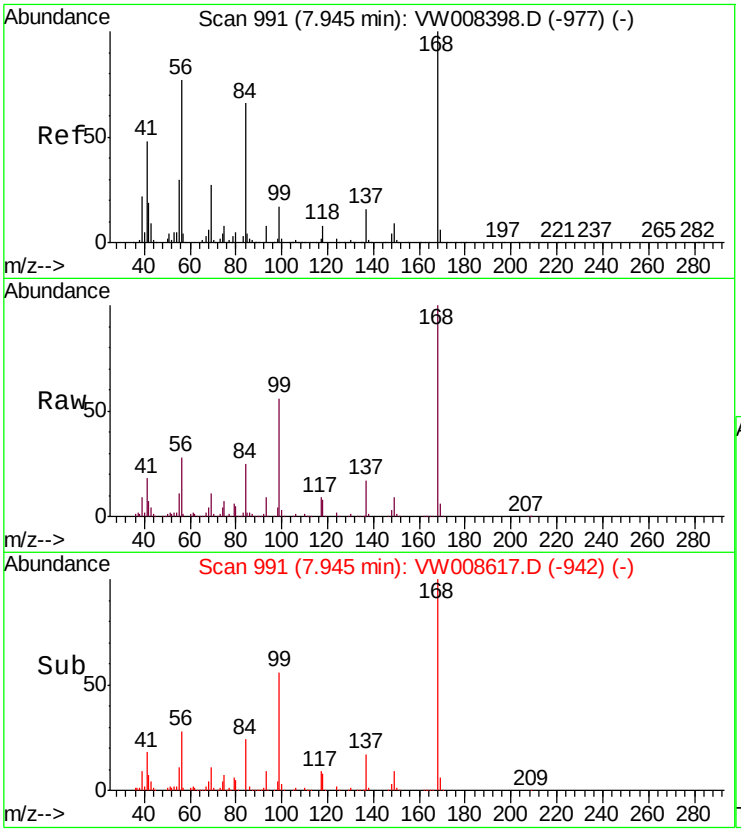
Quantitation Report (Not Reviewed)

Data File : VW008617.D
Acq On : 12 Feb 2019 12:45
Operator : SY/VA
Sample : VW0212SBSD01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Quant Time: Feb 13 00:19:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration



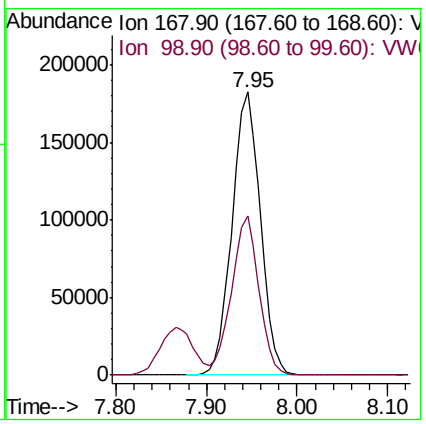


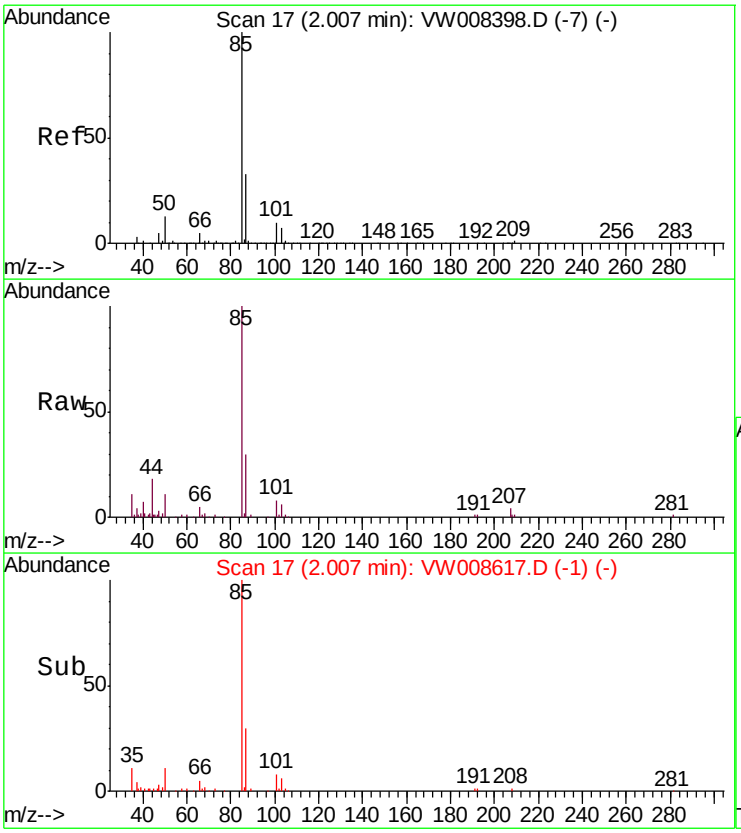
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion:168 Resp: 394367

Ion	Ratio	Lower	Upper
168	100		
99	56.2	45.5	68.3

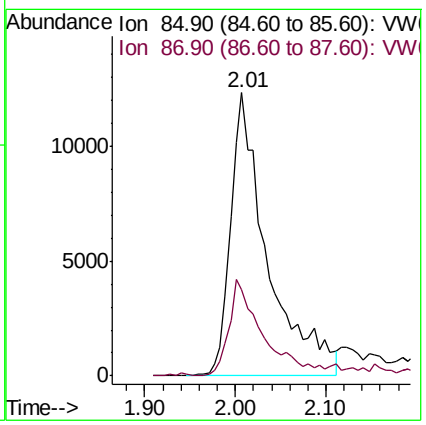


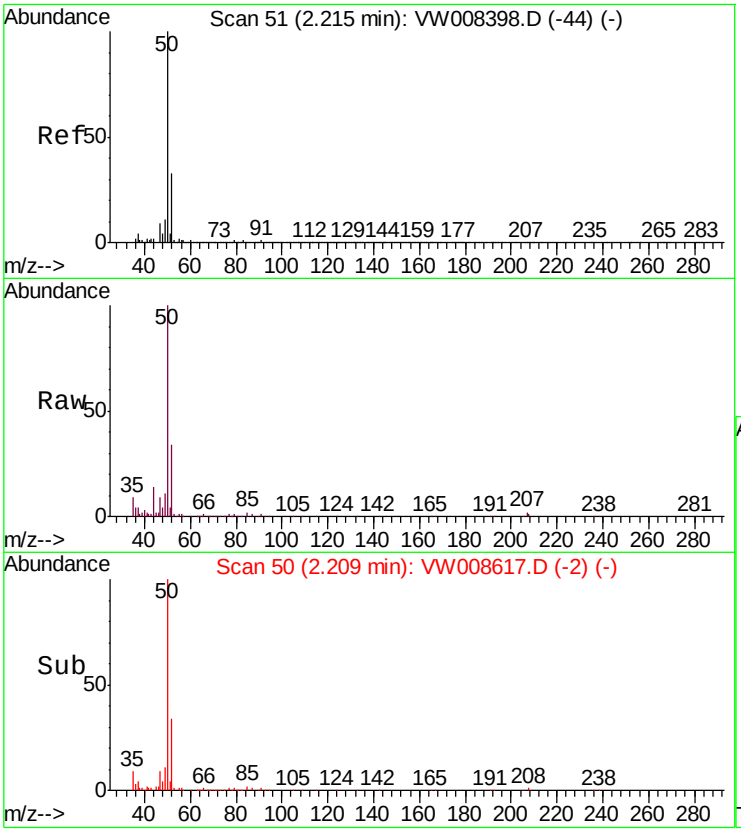


#2
Dichlorodifluoromethane
Concen: 17.474 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 85 Resp: 34666

Ion	Ratio	Lower	Upper
85	100		
87	29.7	16.7	50.1



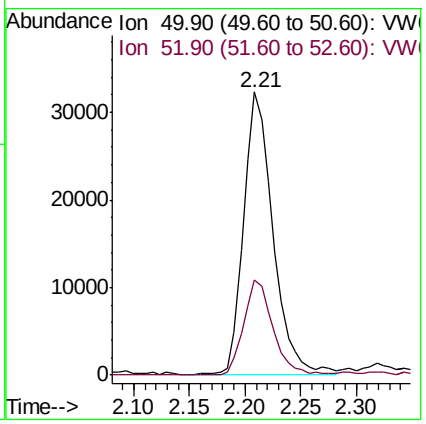


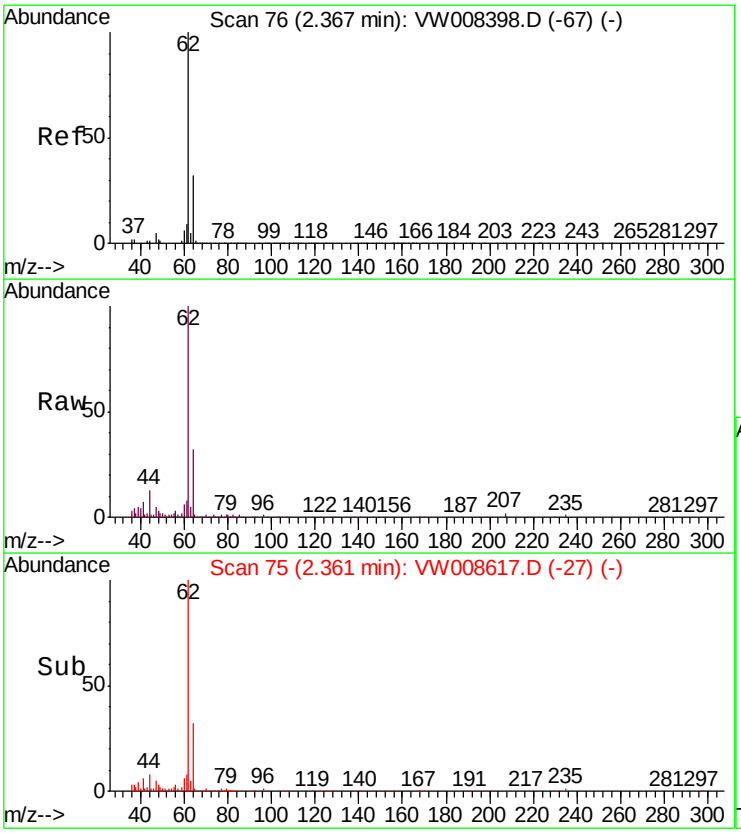
#3
Chloromethane
Concen: 18.397 ug/l
RT: 2.21 min Scan# 50
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 50 Resp: 59223

Ion	Ratio	Lower	Upper
50	100		
52	33.6	26.3	39.5

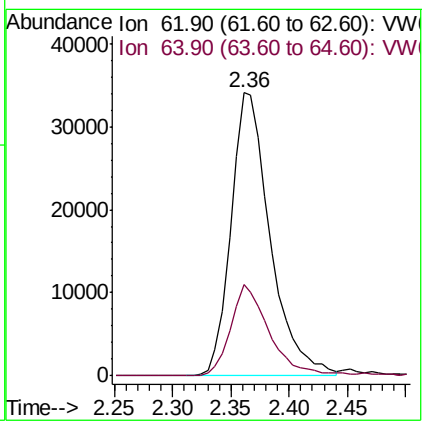


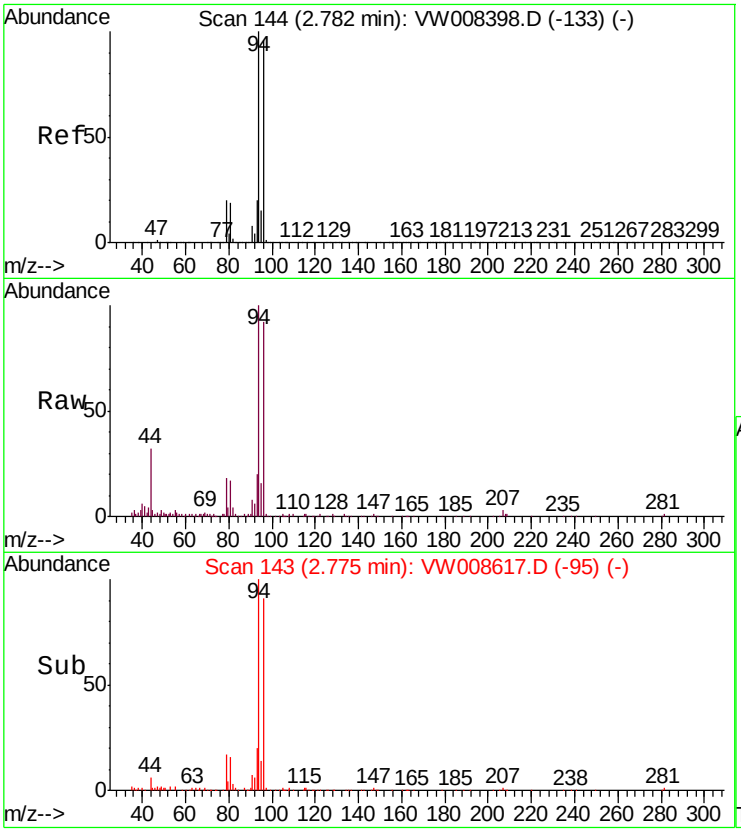


#4
Vinyl Chloride
Concen: 19.475 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 62 Resp: 79806

Ion	Ratio	Lower	Upper
62	100		
64	32.3	25.5	38.3



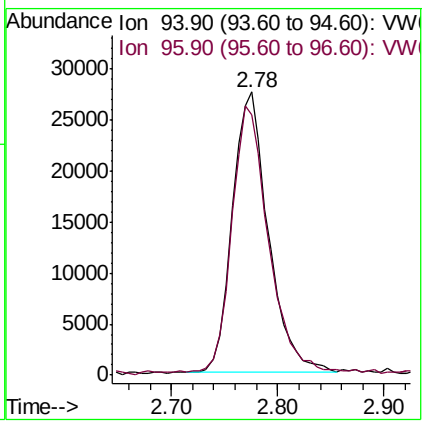


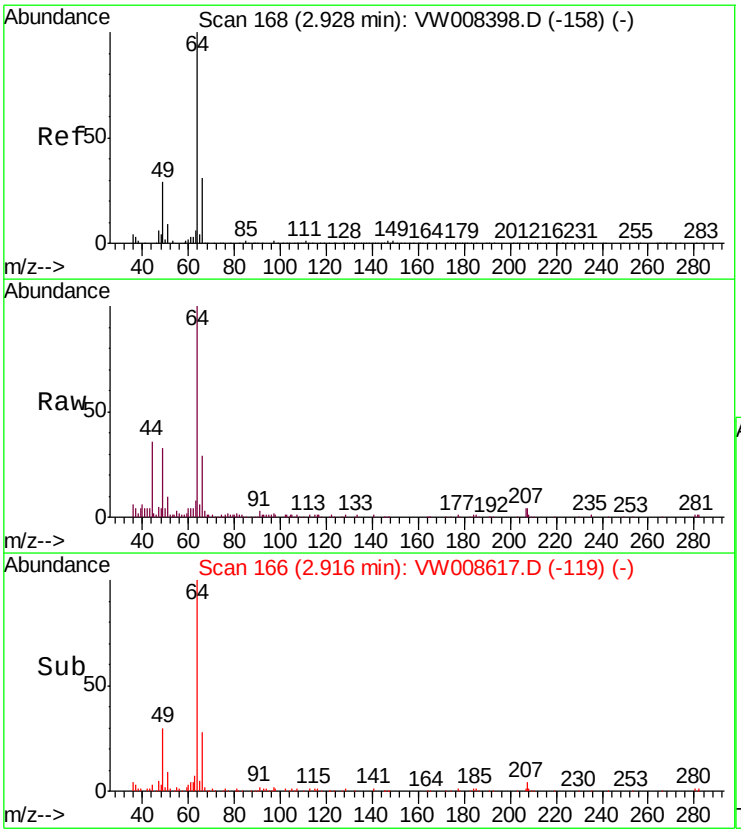
#5
Bromomethane
Concen: 24.727 ug/l
RT: 2.78 min Scan# 143
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 94 Resp: 65358

Ion	Ratio	Lower	Upper
94	100		
96	91.7	77.2	115.8

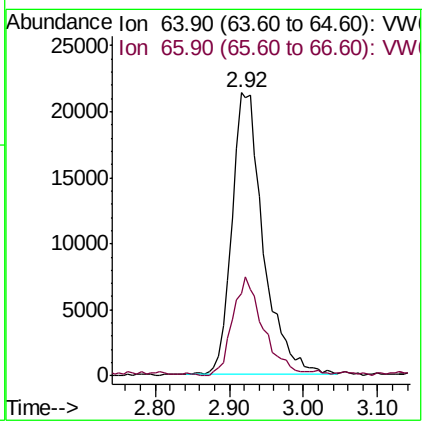


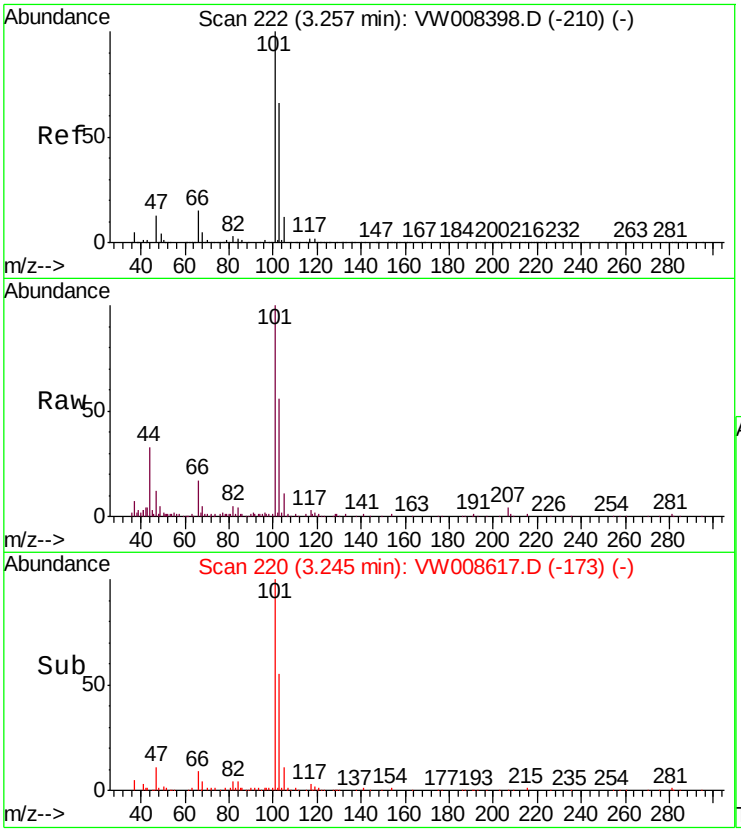


#6
Chloroethane
Concen: 25.302 ug/l
RT: 2.92 min Scan# 166
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 64 Resp: 63411

Ion	Ratio	Lower	Upper
64	100		
66	28.1	24.9	37.3



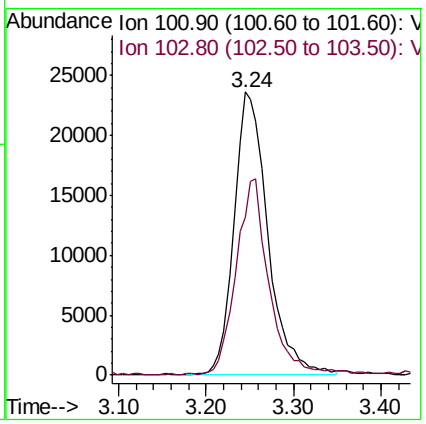


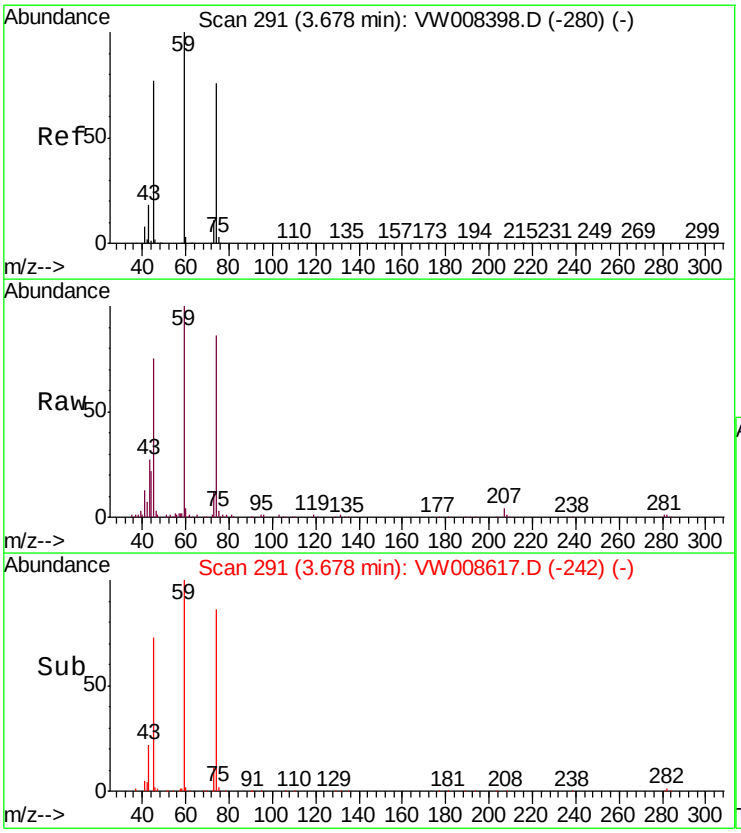
#7
Trichlorofluoromethane
Concen: 20.854 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:101 Resp: 63489

Ion	Ratio	Lower	Upper
101	100		
103	55.3	52.5	78.7

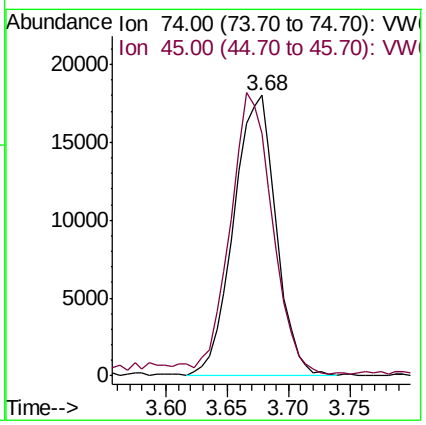


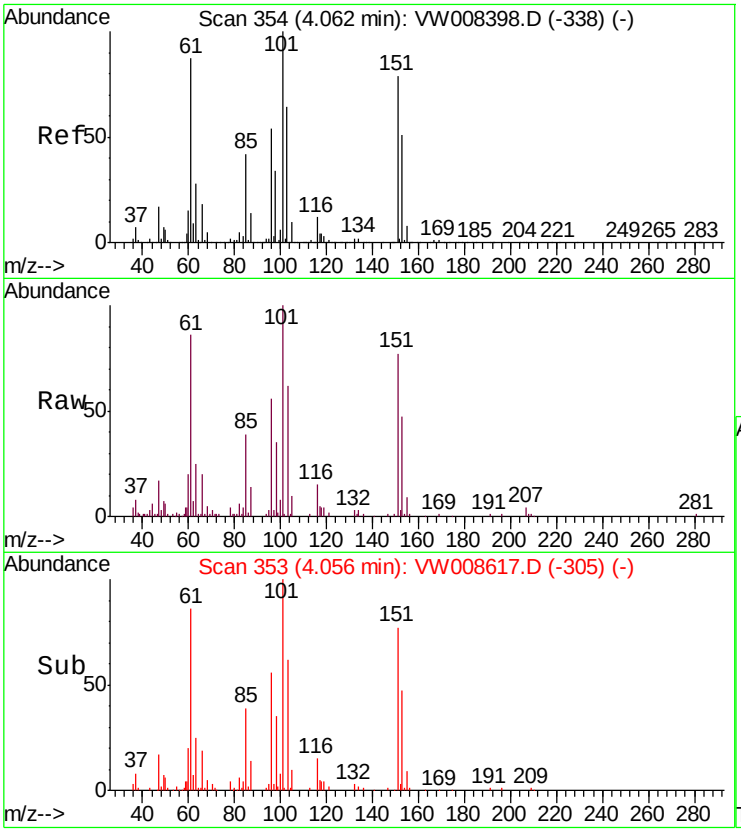


#8
Diethyl Ether
Concen: 22.081 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 74 Resp: 43426

Ion	Ratio	Lower	Upper
74	100		
45	98.7	51.7	155.2



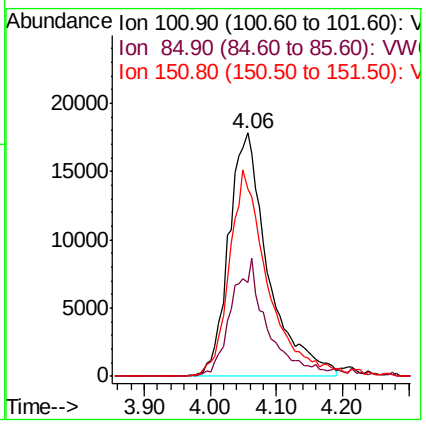


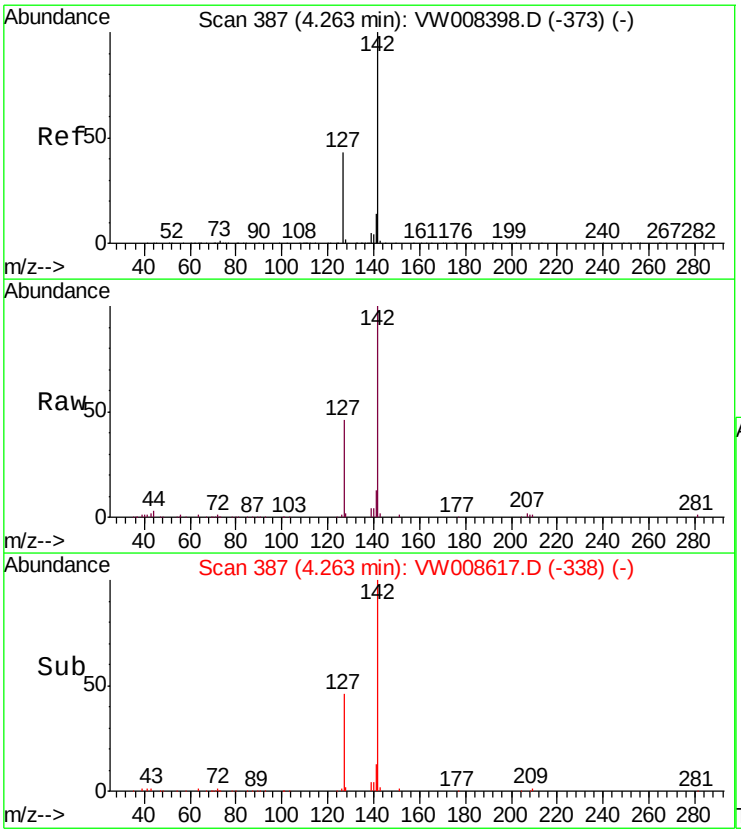
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.691 ug/l
RT: 4.06 min Scan# 353
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion:101 Resp: 73802

Ion	Ratio	Lower	Upper
101	100		
85	44.2	35.0	52.4
151	82.7	62.6	94.0

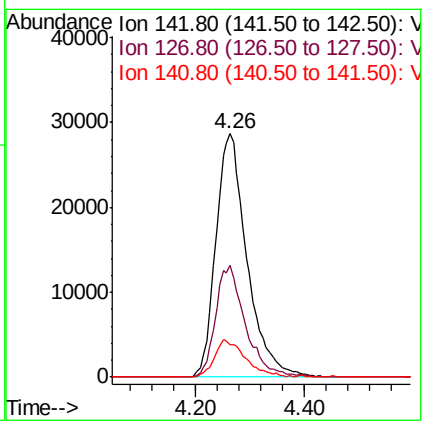


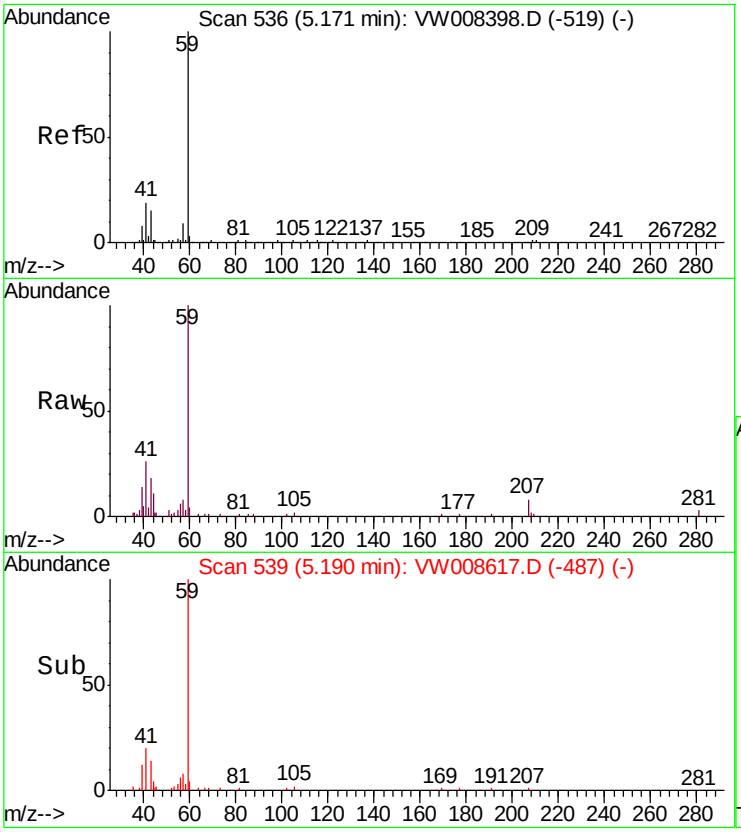


#10
Methyl Iodide
Concen: 20.206 ug/l
RT: 4.26 min Scan# 387
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:142 Resp: 113838

Ion	Ratio	Lower	Upper
142	100		
127	43.9	34.6	52.0
141	15.1	11.4	17.2



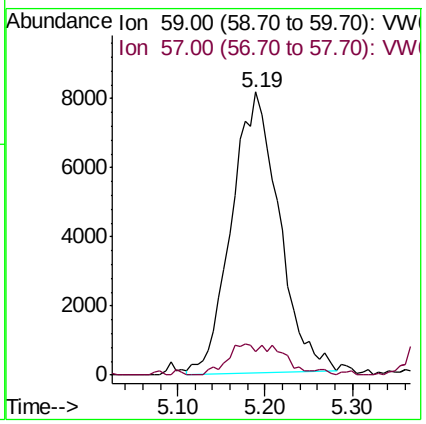


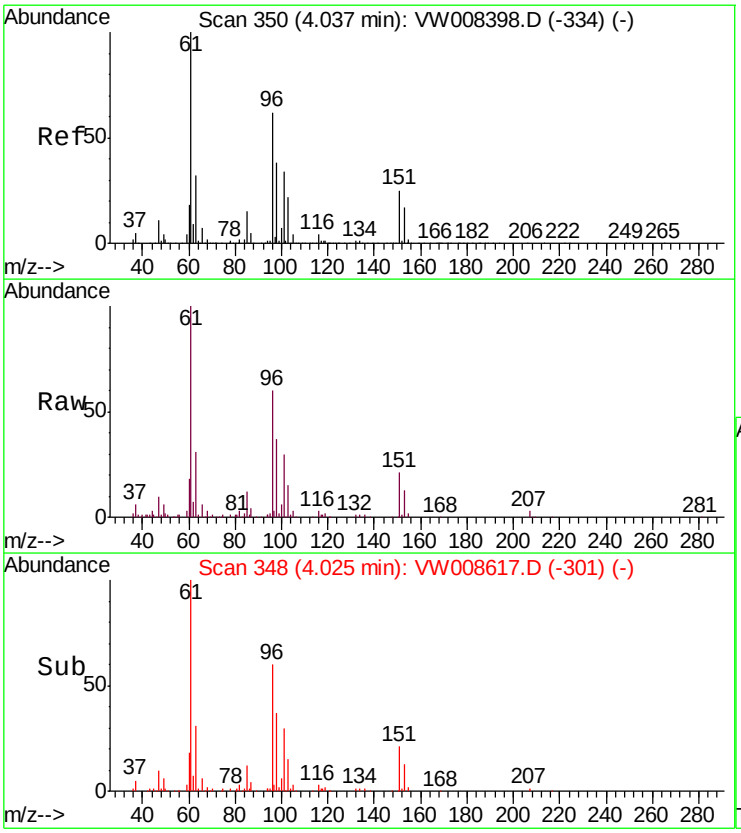
#11
Tert butyl alcohol
Concen: 98.437 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.02 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 59 Resp: 30705

Ion	Ratio	Lower	Upper
59	100		
57	6.6	9.3	13.9#

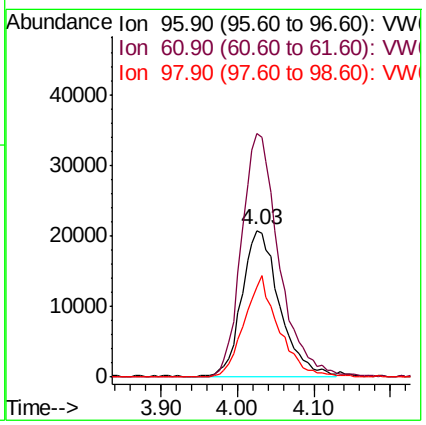


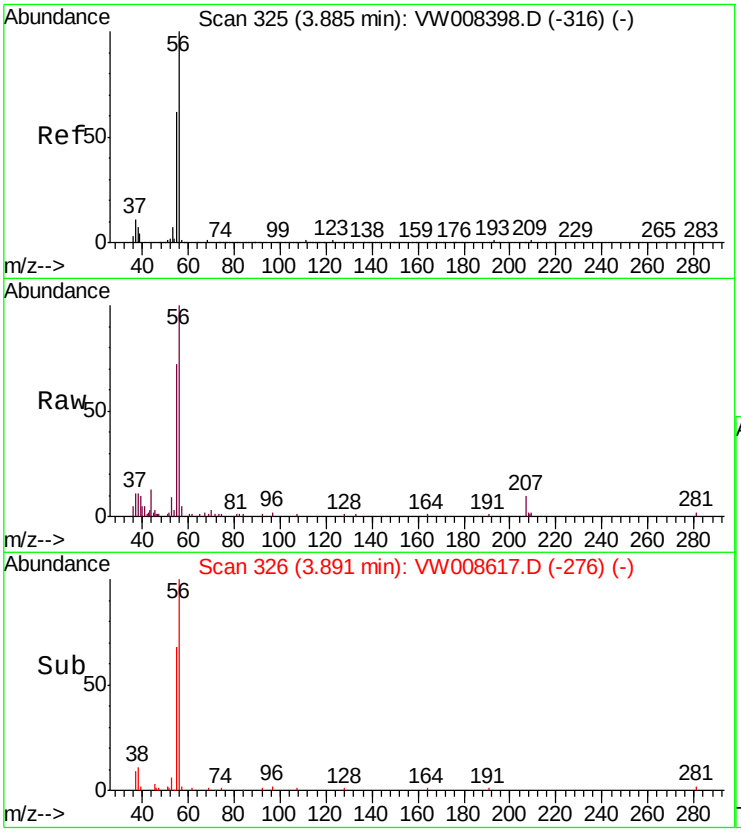


#12
1,1-Dichloroethene
Concen: 19.500 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 96 Resp: 70389

Ion	Ratio	Lower	Upper
96	100		
61	166.7	129.5	194.3
98	62.0	48.6	73.0



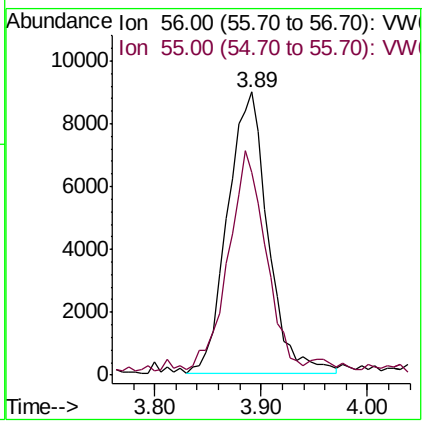


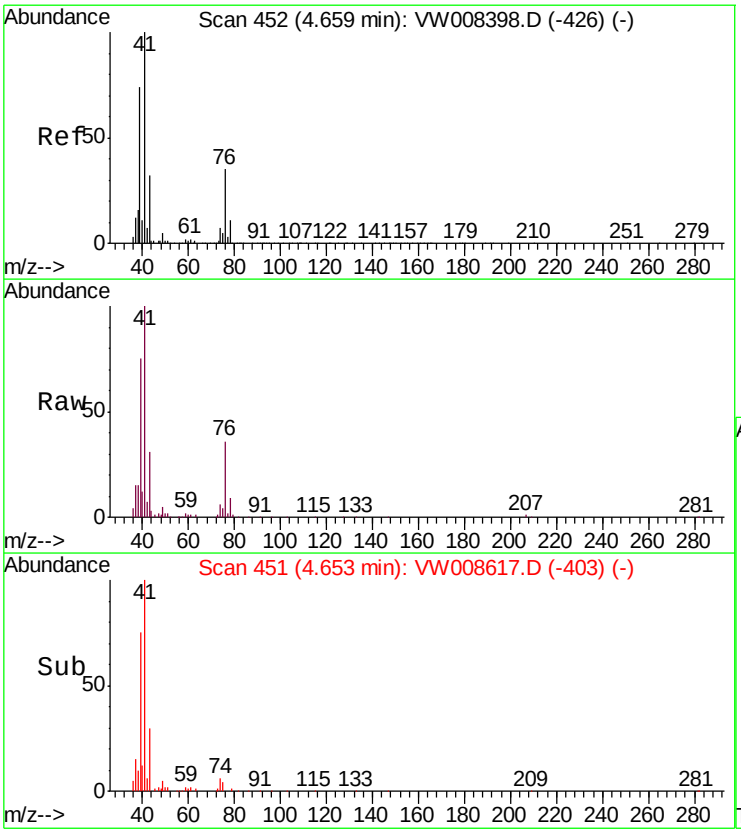
#13
Acrolein
Concen: 89.411 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 56 Resp: 23854

Ion	Ratio	Lower	Upper
56	100		
55	71.8	56.7	85.1

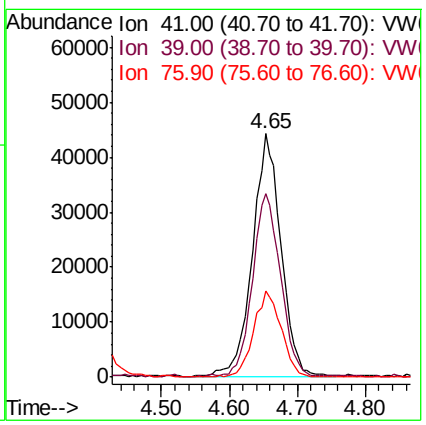


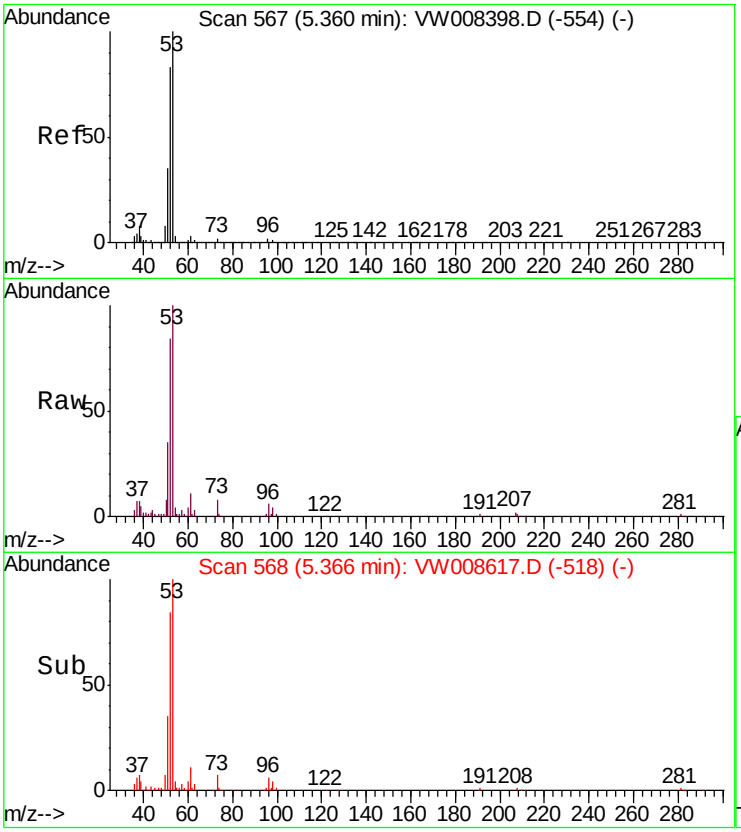


#14
Allyl chloride
Concen: 18.920 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 41 Resp: 129686

Ion	Ratio	Lower	Upper
41	100		
39	72.8	57.7	86.5
76	34.2	26.9	40.3



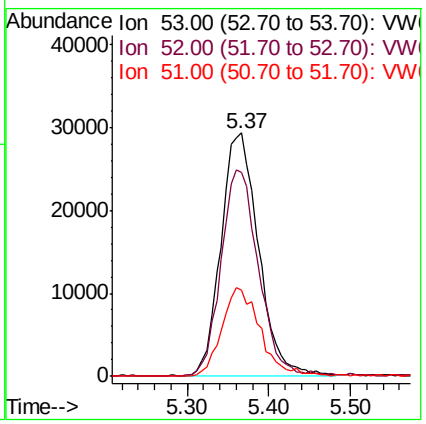


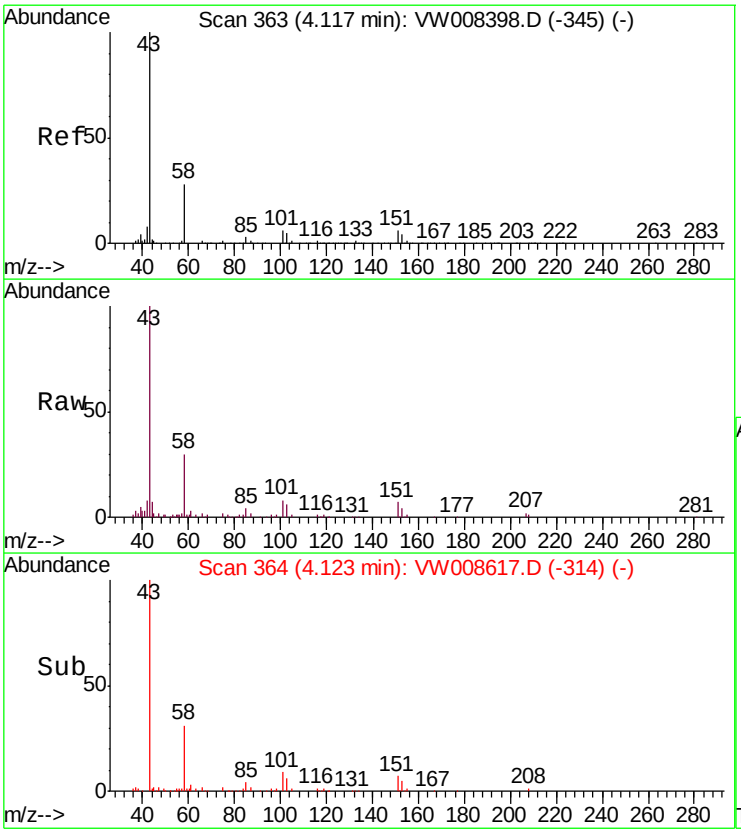
#15
Acrylonitrile
Concen: 109.464 ug/l
RT: 5.37 min Scan# 568
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 53 Resp: 92961

Ion	Ratio	Lower	Upper
53	100		
52	85.5	67.0	100.4
51	37.6	29.8	44.8

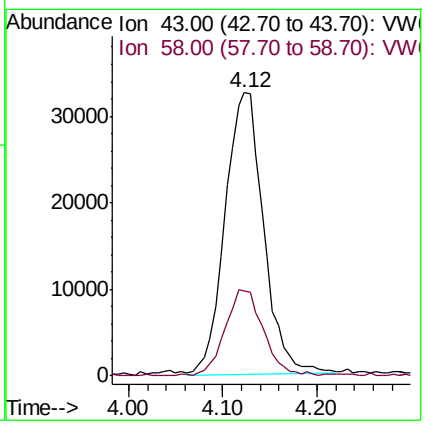


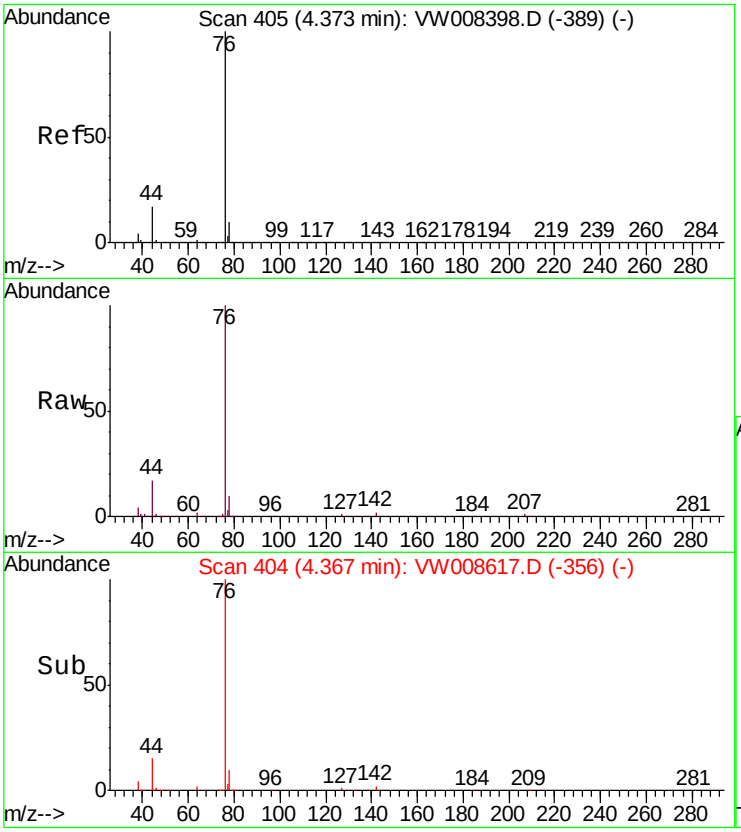


#16
Acetone
Concen: 106.662 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 43 Resp: 92799

Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.6	34.0



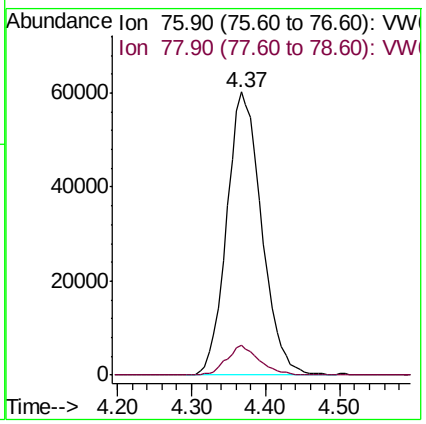


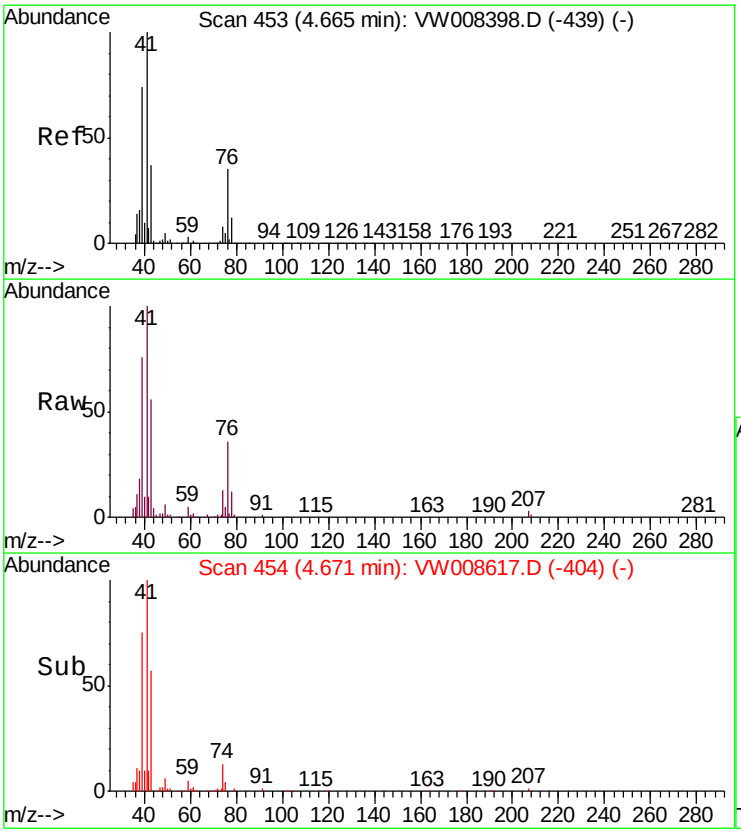
#17
Carbon Disulfide
Concen: 17.157 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 76 Resp: 197803

Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.7	11.5

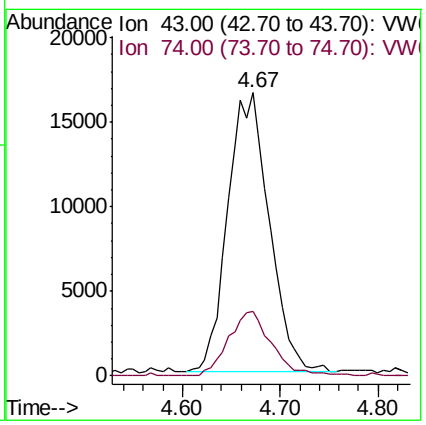


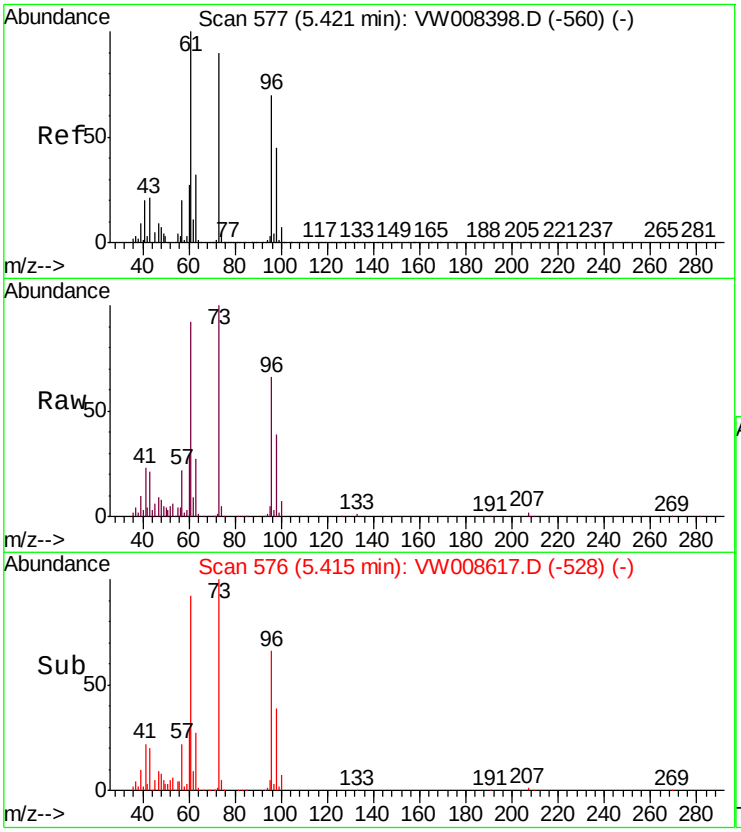


#18
Methyl Acetate
Concen: 21.027 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 43 Resp: 48794

Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.5	26.3



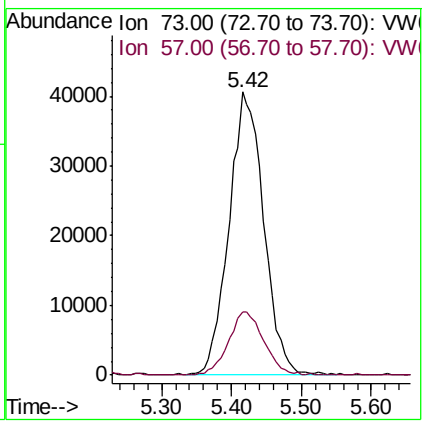


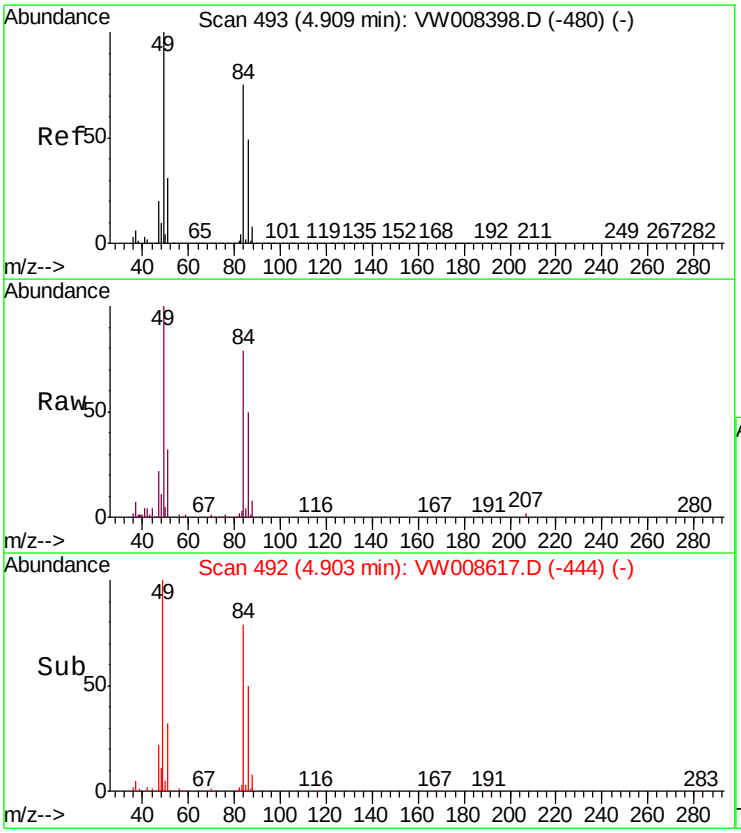
#19
Methyl tert-butyl Ether
Concen: 23.284 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 73 Resp: 139060

Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.0	27.0

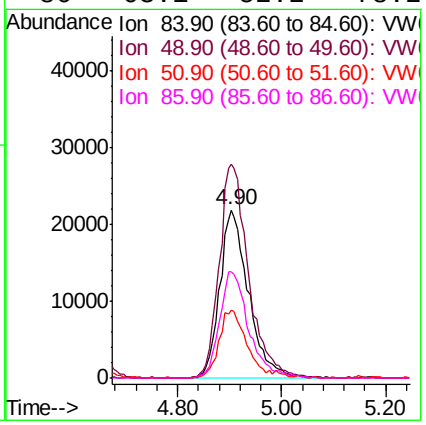


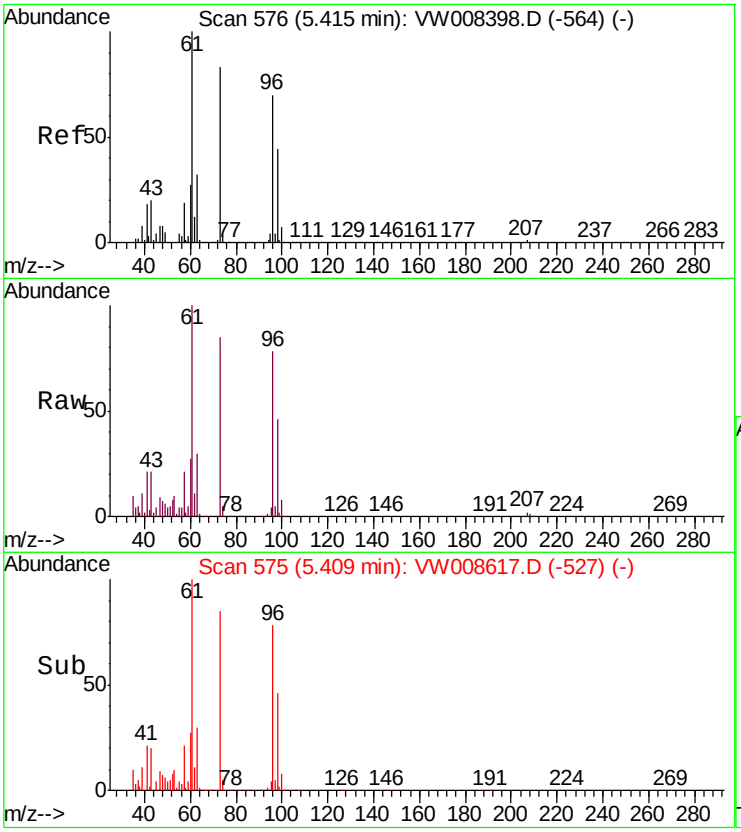


#20
Methylene Chloride
Concen: 21.150 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 84 Resp: 84810

Ion	Ratio	Lower	Upper
84	100		
49	127.3	106.8	160.2
51	40.5	32.9	49.3
86	63.1	52.2	78.2



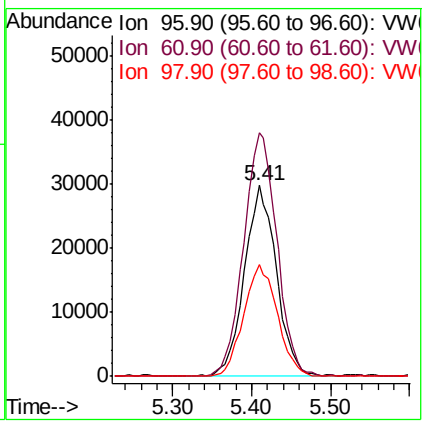


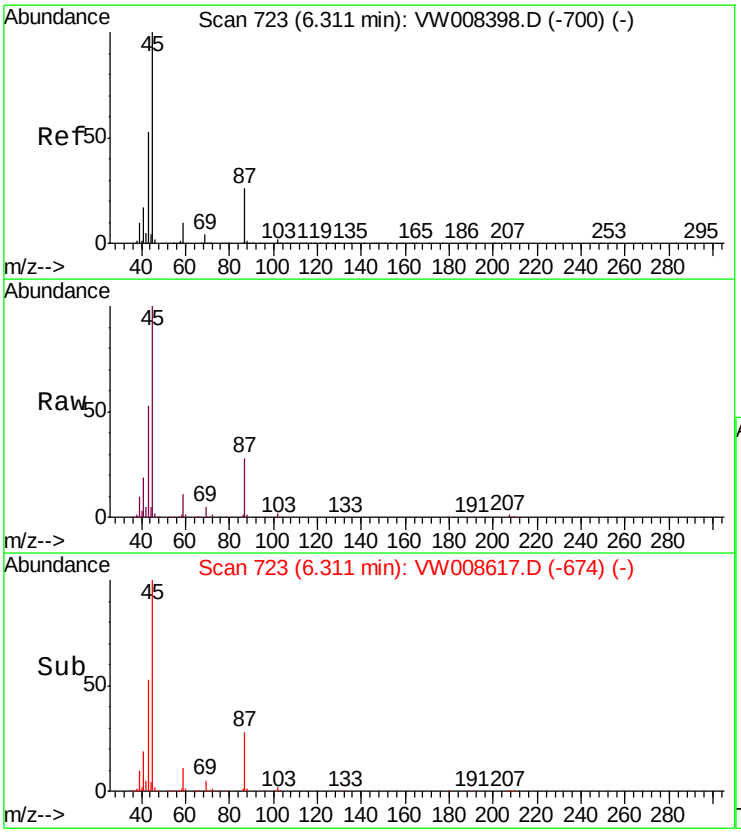
#21
trans-1,2-Dichloroethene
Concen: 20.738 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 96 Resp: 84161

Ion	Ratio	Lower	Upper
96	100		
61	127.3	114.4	171.6
98	58.6	50.6	75.8

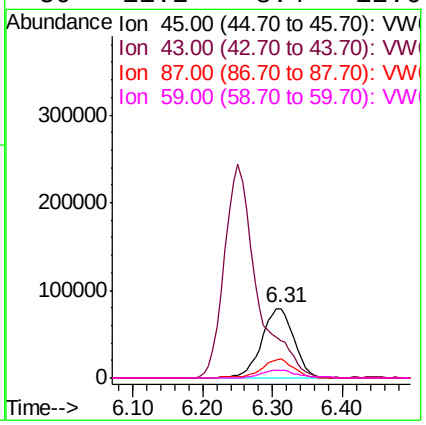


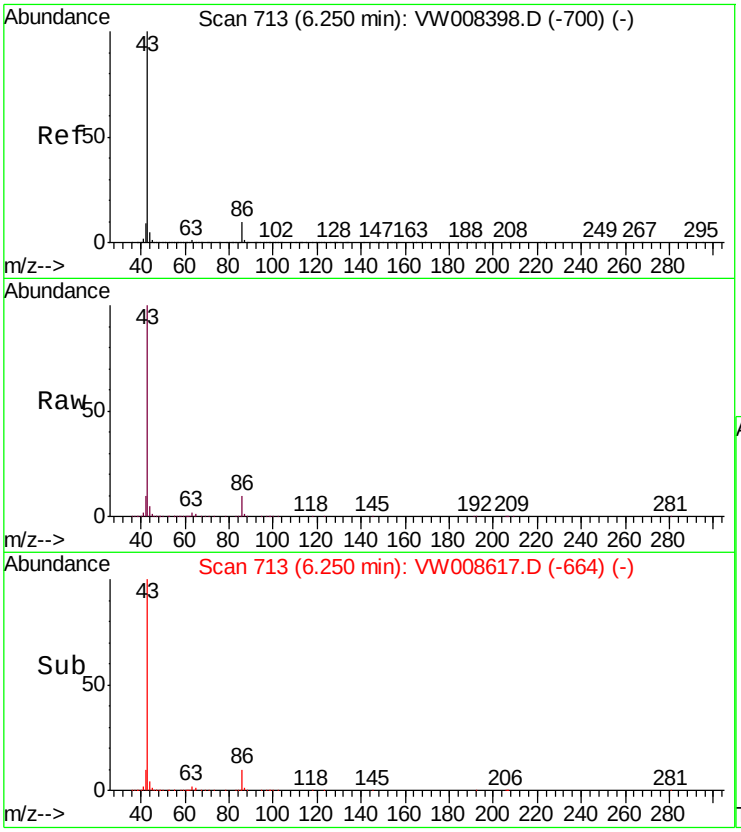


#22
Diisopropyl ether
Concen: 19.642 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 45 Resp: 255164

Ion	Ratio	Lower	Upper
45	100		
43	52.4	42.6	63.8
87	28.2	20.3	30.5
59	11.2	8.4	12.6



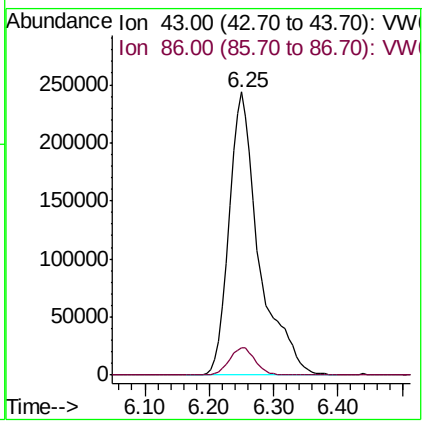


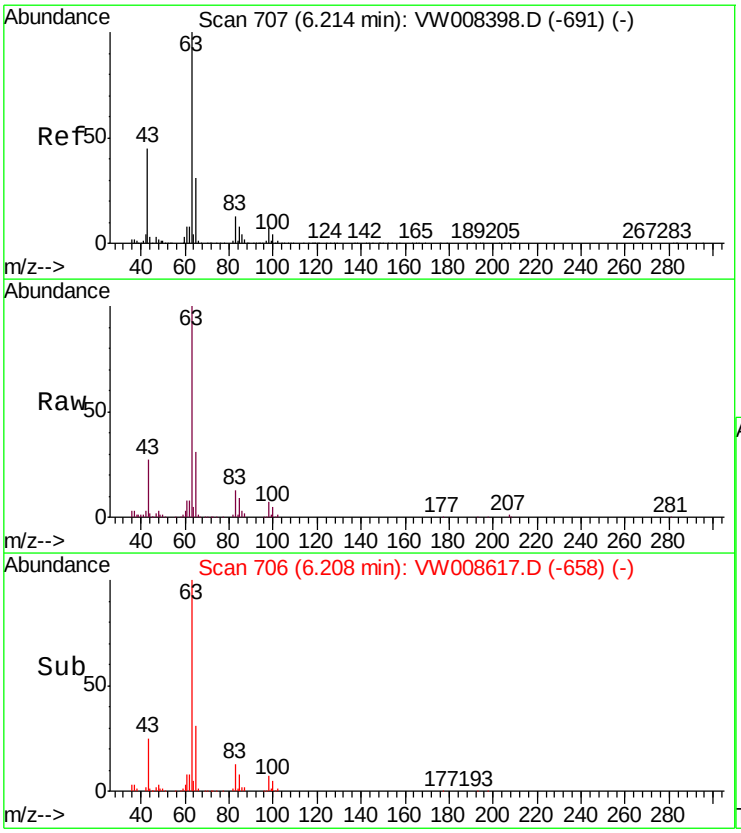
#23
Vinyl Acetate
Concen: 103.012 ug/l
RT: 6.25 min Scan# 713
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 43 Resp: 790189

Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.8	11.8

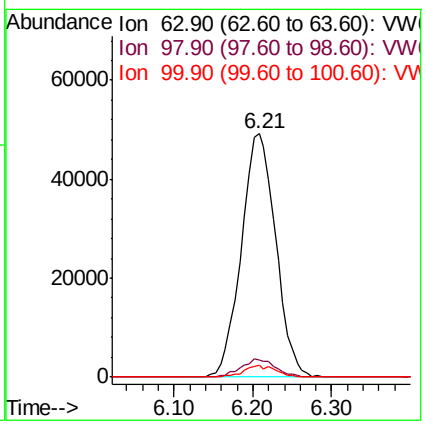


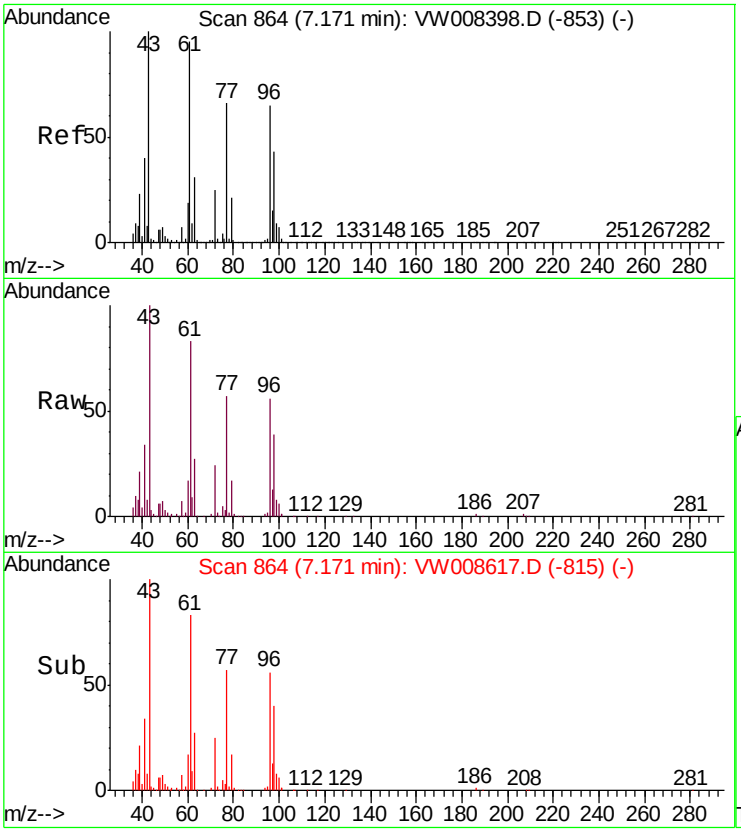


#24
1,1-Dichloroethane
Concen: 20.257 ug/l
RT: 6.21 min Scan# 706
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 63 Resp: 148959

Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.5	10.5
100	5.1	2.1	6.2



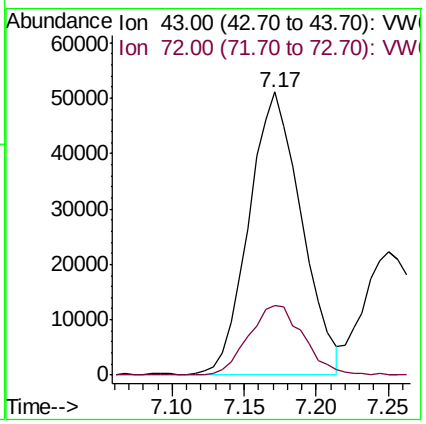


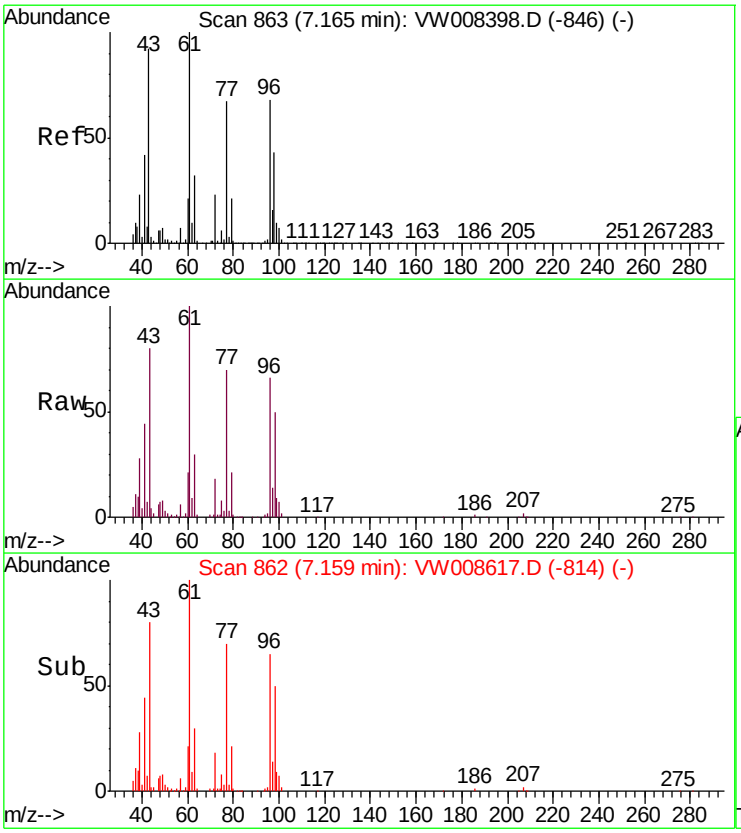
#25
2-Butanone
Concen: 106.671 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 43 Resp: 128907

Ion	Ratio	Lower	Upper
43	100		
72	24.4	20.1	30.1

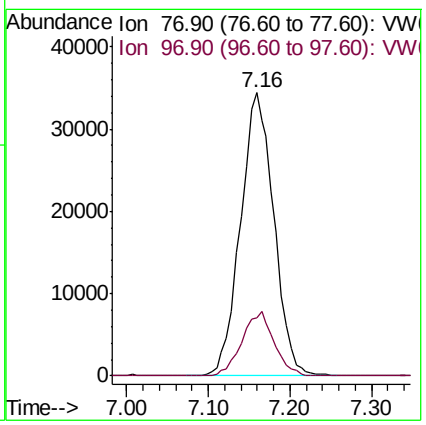


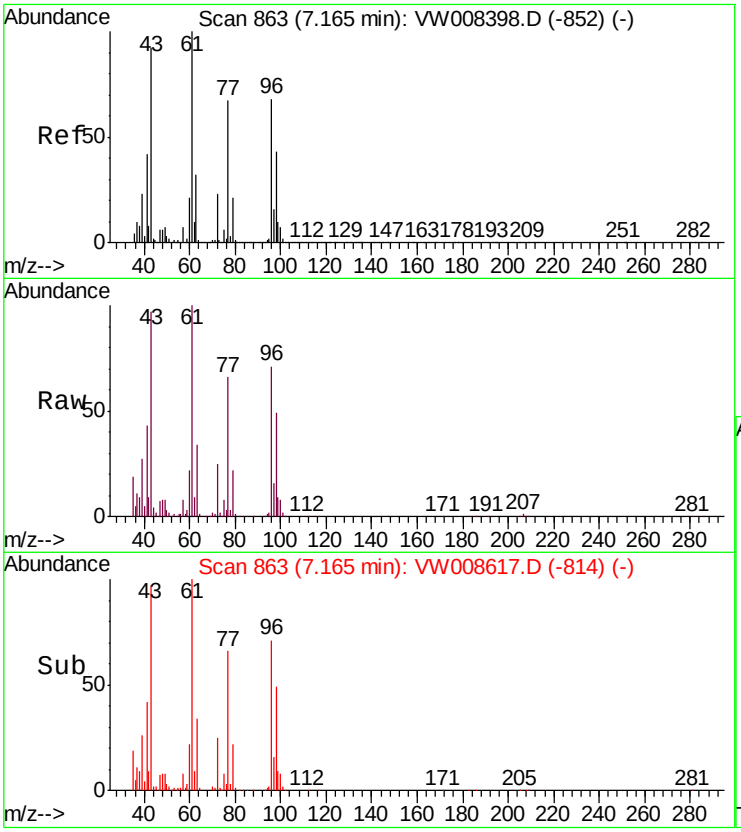


#26
2,2-Dichloropropane
Concen: 19.638 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 77 Resp: 97612

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.5	34.5



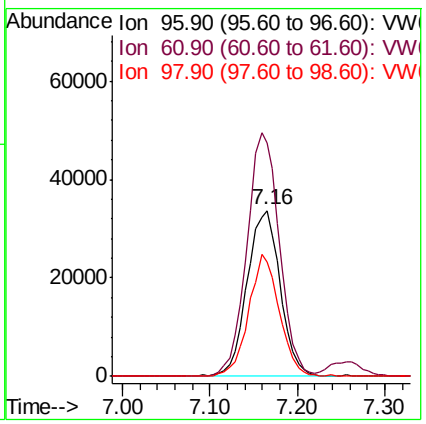


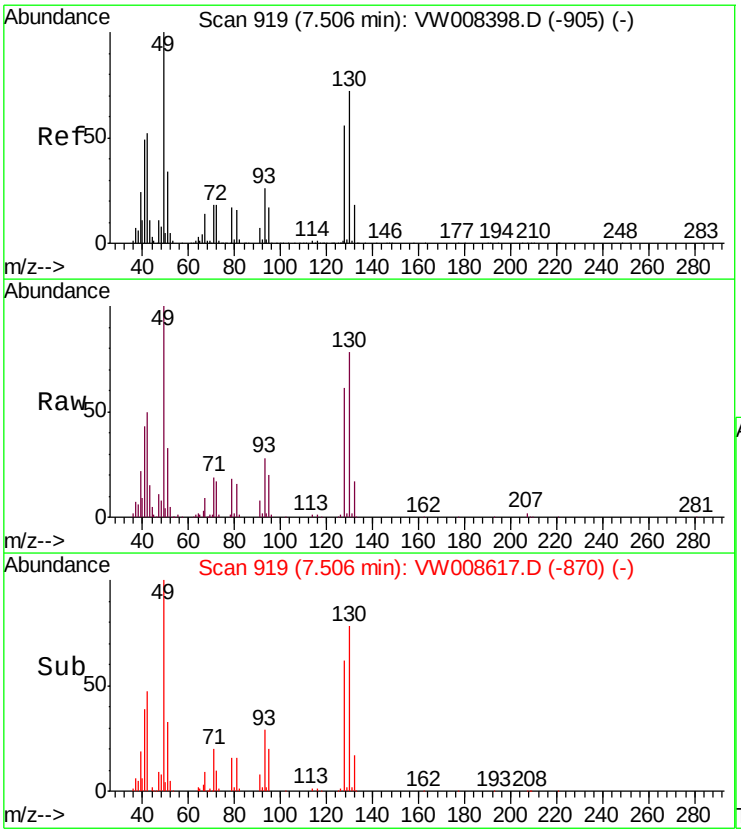
#27
cis-1,2-Dichloroethene
Concen: 20.119 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 96 Resp: 88982

Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	292.8
98	67.5	0.0	129.2

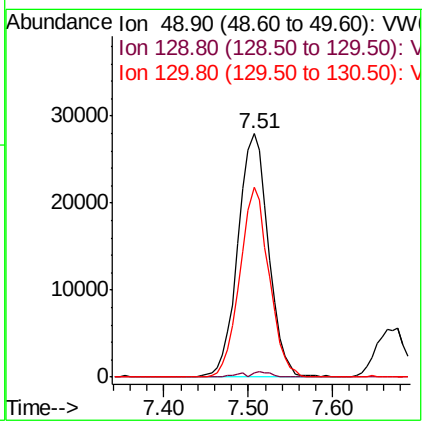


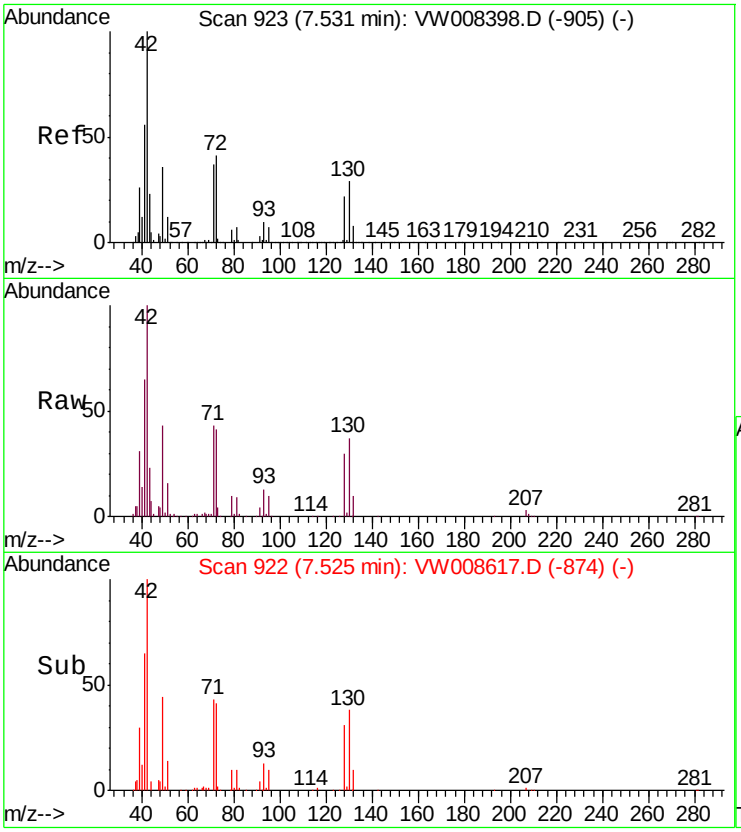


#28
Bromochloromethane
Concen: 20.226 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 49 Resp: 68313

Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.6
130	74.7	58.6	87.8



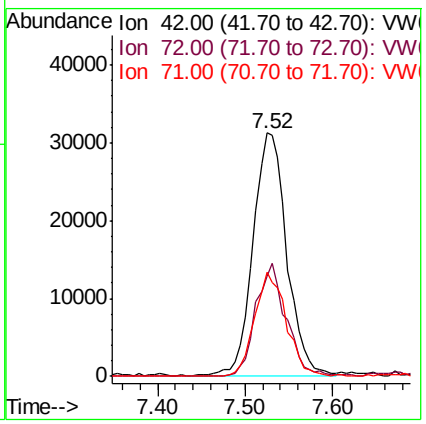


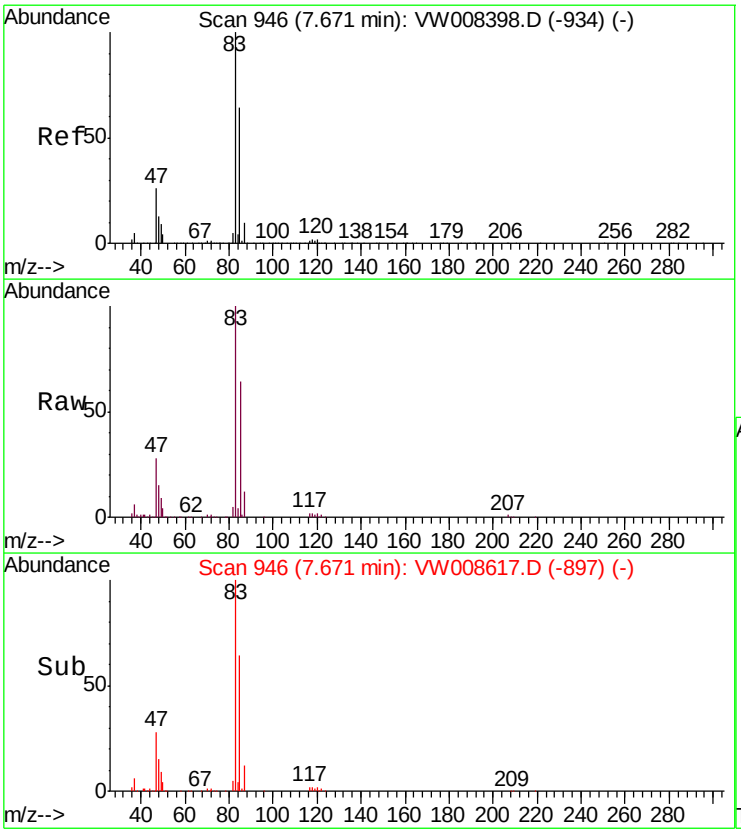
#29
Tetrahydrofuran
Concen: 109.895 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 42 Resp: 84157

Ion	Ratio	Lower	Upper
42	100		
72	41.4	31.9	47.9
71	40.3	29.9	44.9

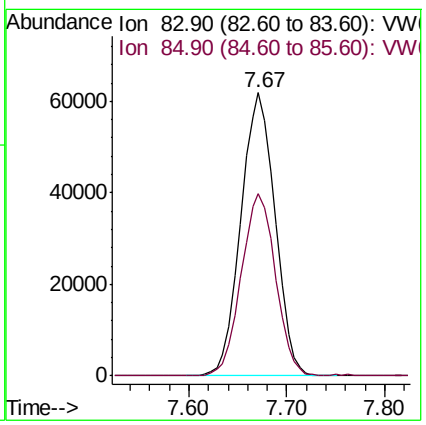


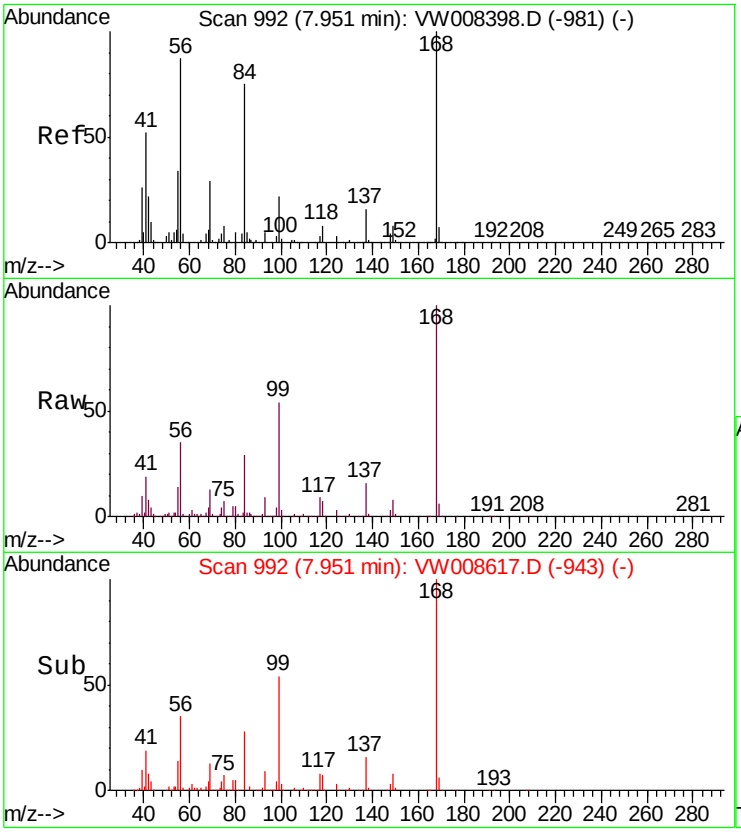


#30
Chloroform
Concen: 20.700 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 83 Resp: 149719

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.9	76.3



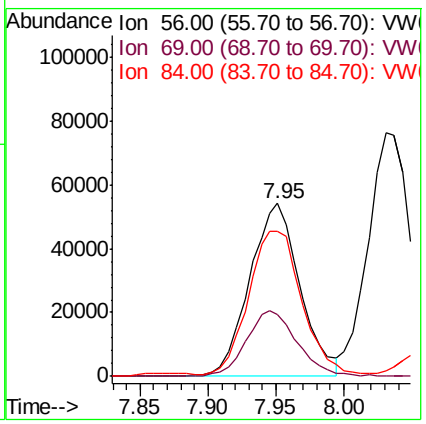


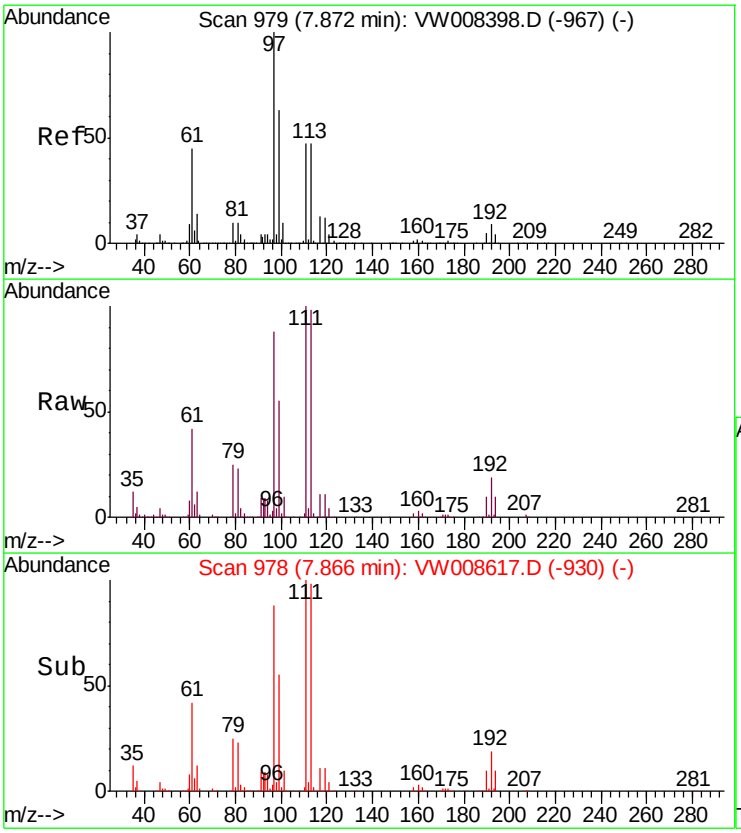
#31
Cyclohexane
Concen: 18.416 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 56 Resp: 140024

Ion	Ratio	Lower	Upper
56	100		
69	35.7	26.4	39.6
84	82.6	69.1	103.7

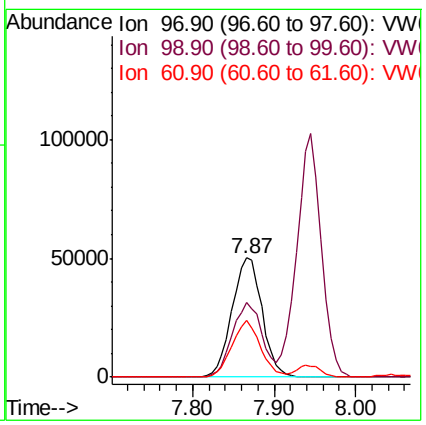


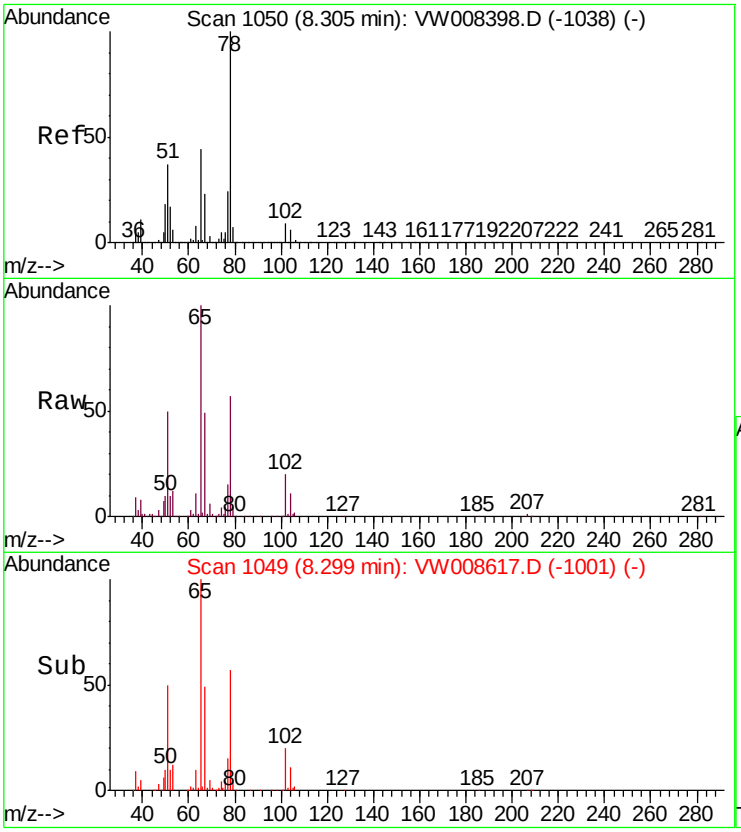


#32
1,1,1-Trichloroethane
Concen: 20.482 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 97 Resp: 127952

Ion	Ratio	Lower	Upper
97	100		
99	62.3	51.3	76.9
61	44.9	36.2	54.4



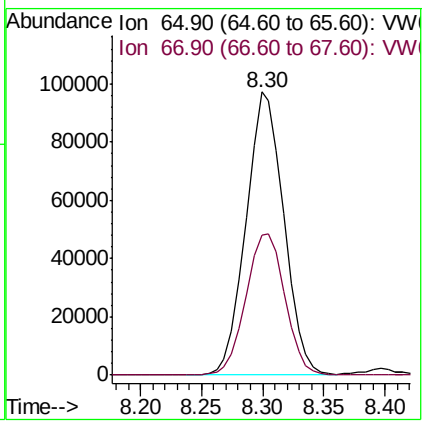


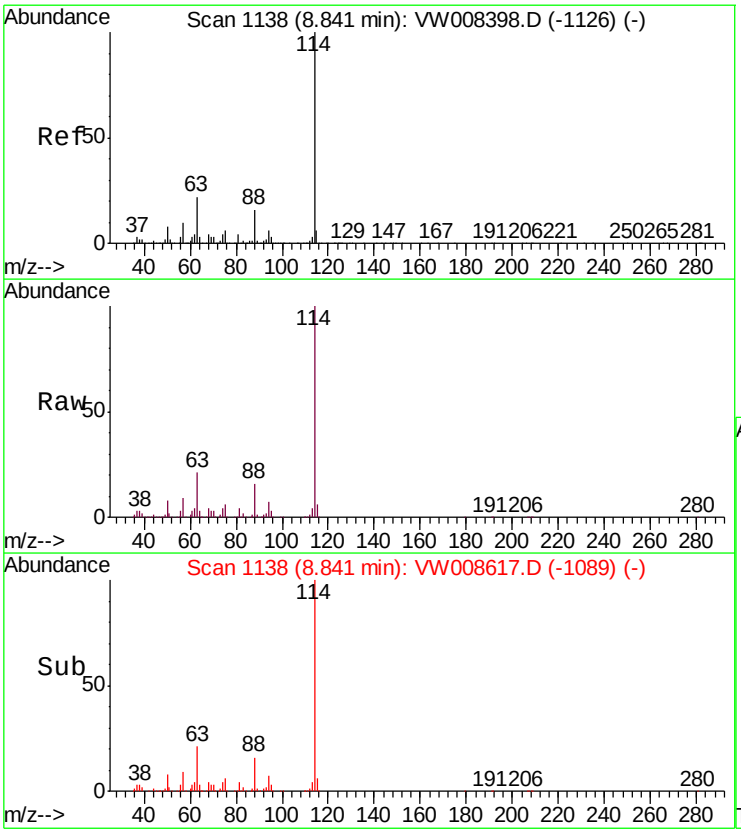
#33
1,2-Dichloroethane-d4
Concen: 53.953 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 65 Resp: 209031

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.0

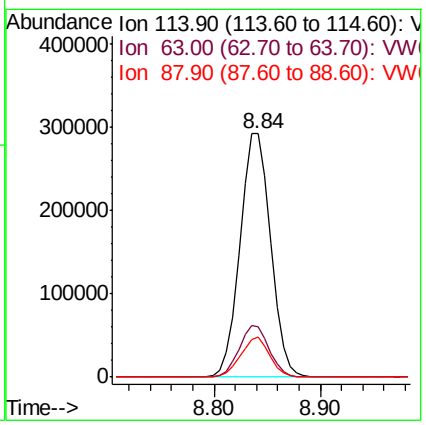


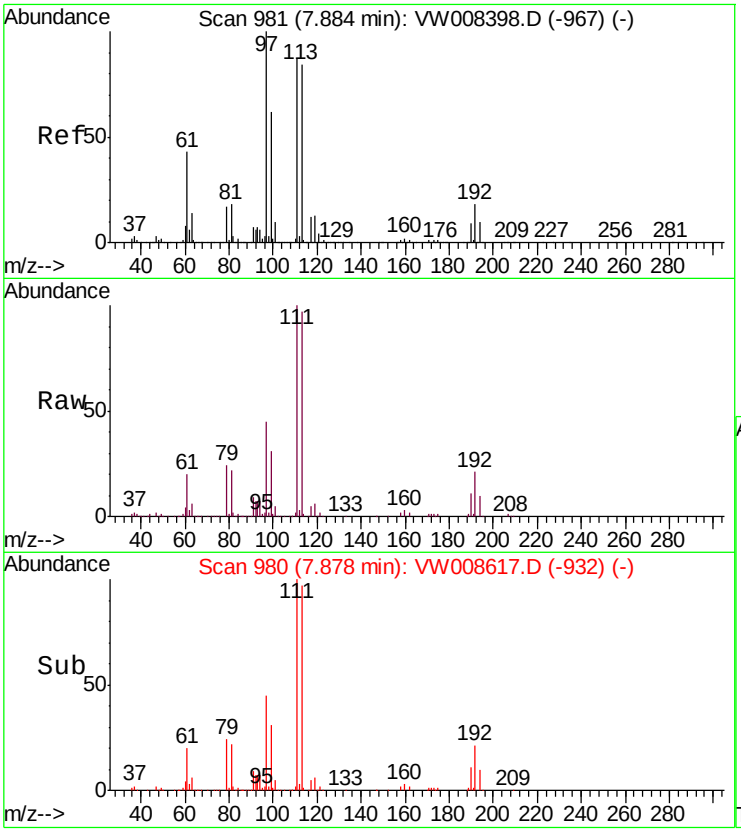


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:114 Resp: 590855

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	16.4	0.0	31.8



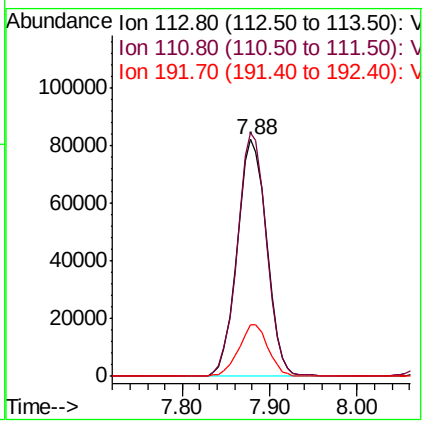


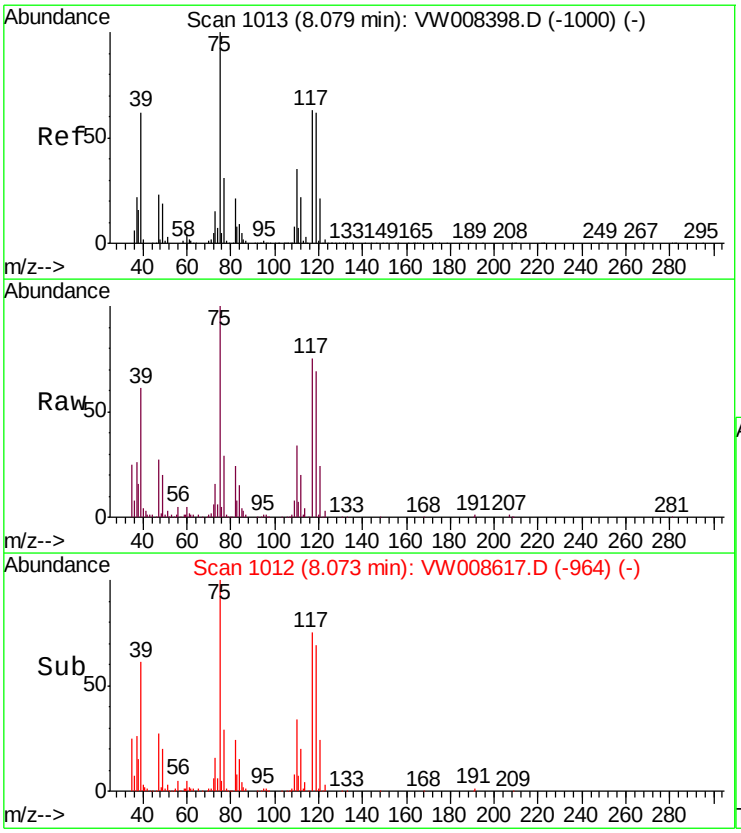
#35
Dibromofluoromethane
Concen: 55.926 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion:113 Resp: 193221

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.0	121.4
192	21.5	16.8	25.2

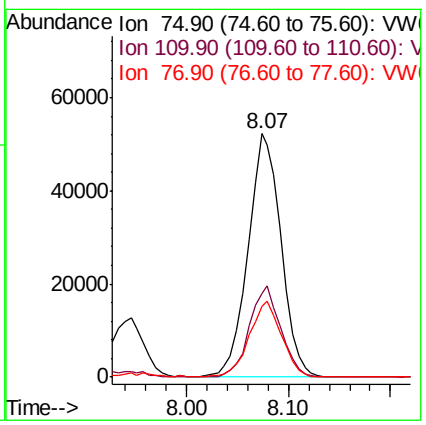


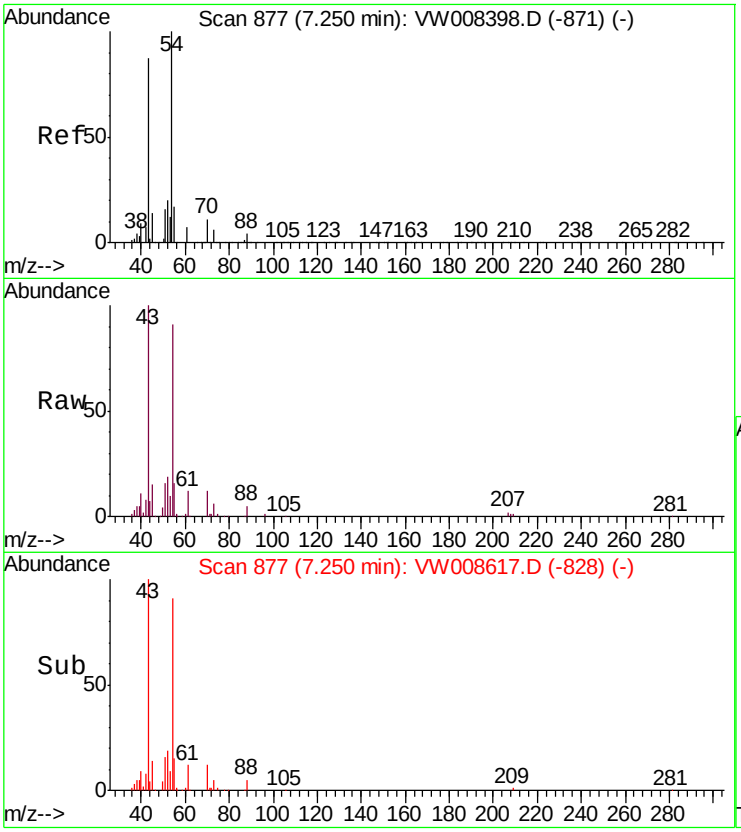


#36
1,1-Dichloropropene
Concen: 21.103 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 75 Resp: 117780

Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.3	52.0
77	30.7	24.7	37.1



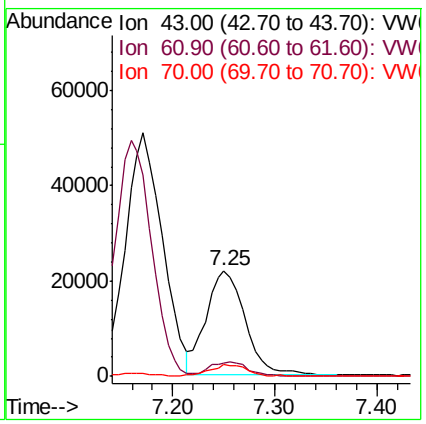


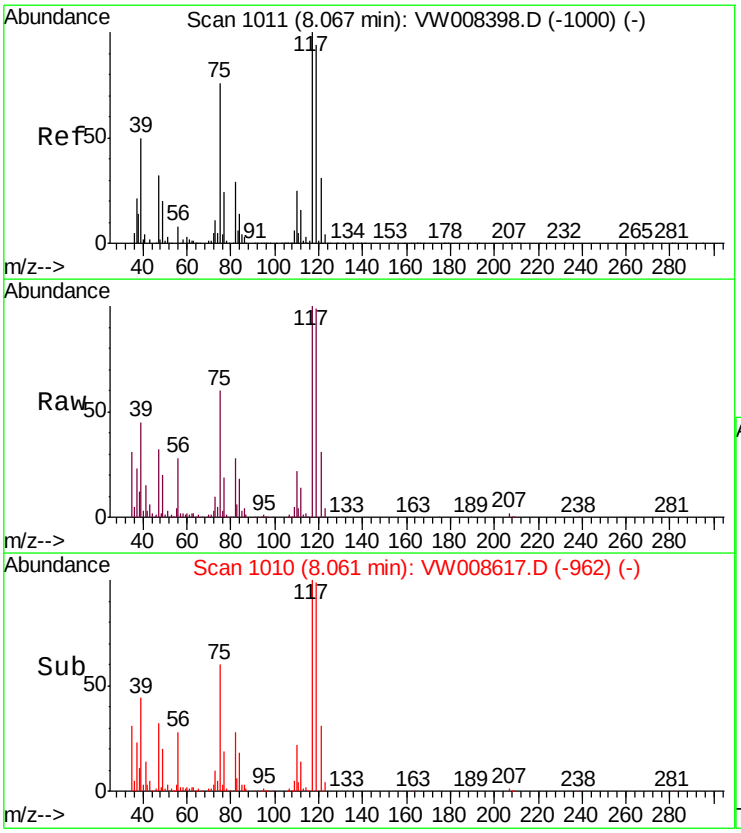
#37
Ethyl Acetate
Concen: 23.768 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 43 Resp: 58691

Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.1	15.1
70	10.8	7.8	11.6

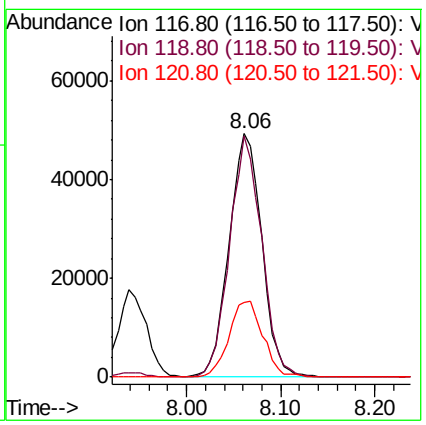


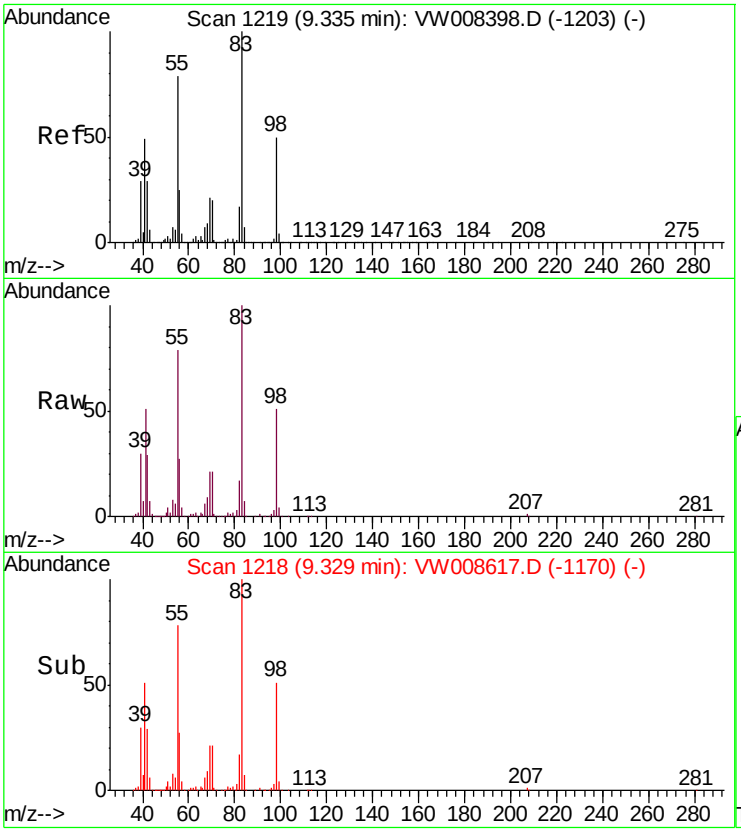


#38
Carbon Tetrachloride
Concen: 21.313 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:117 Resp: 119702

Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.0	112.4
121	30.6	24.9	37.3



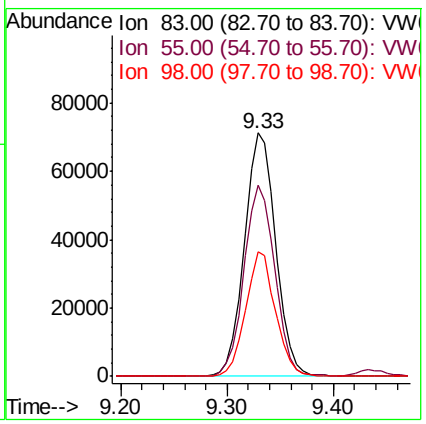


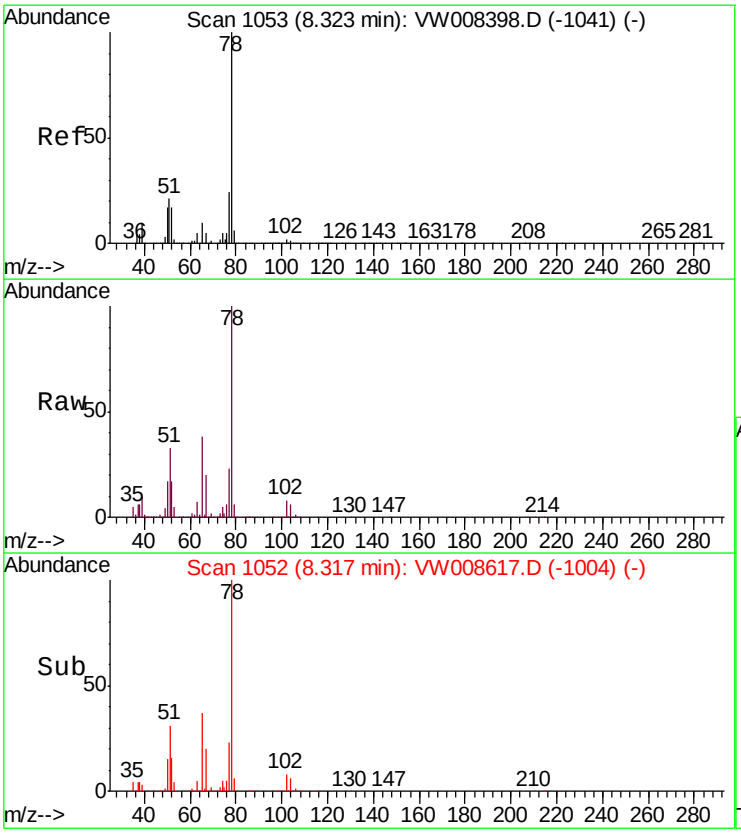
#39
Methylcyclohexane
Concen: 20.089 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 83 Resp: 147292

Ion	Ratio	Lower	Upper
83	100		
55	78.4	63.3	94.9
98	51.4	39.7	59.5

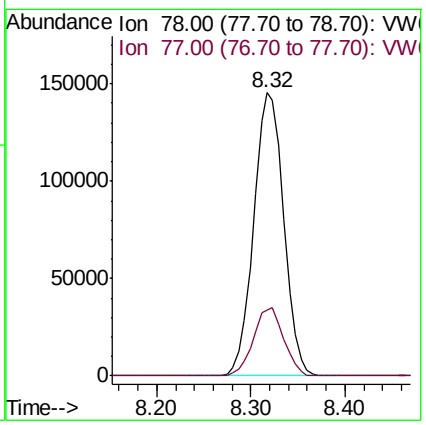


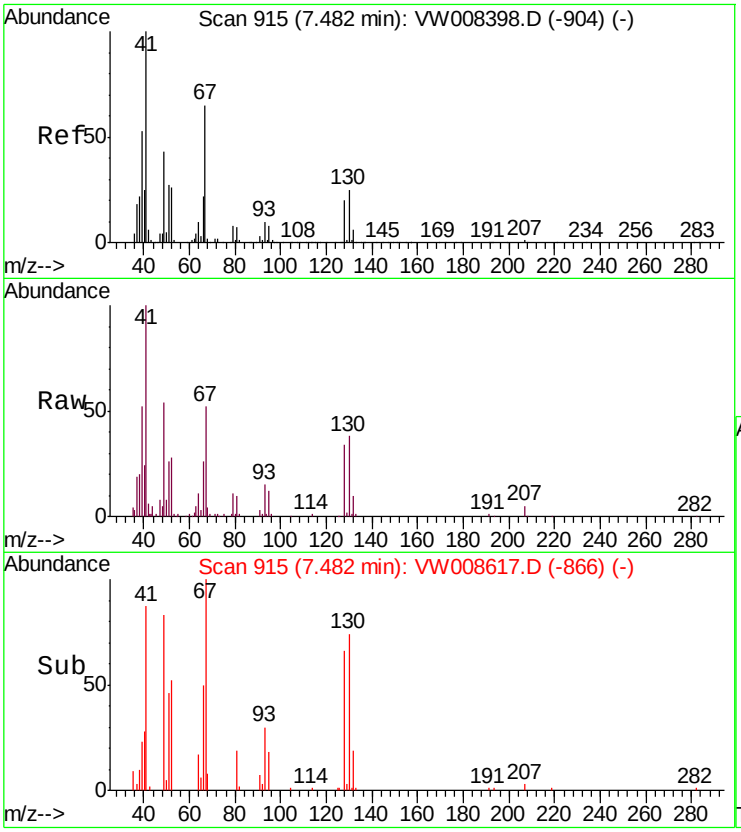


#40
Benzene
Concen: 21.020 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 78 Resp: 325549

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6



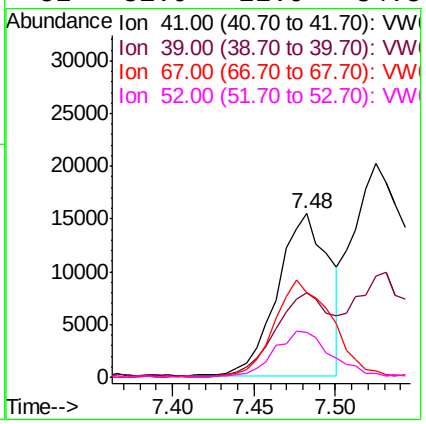


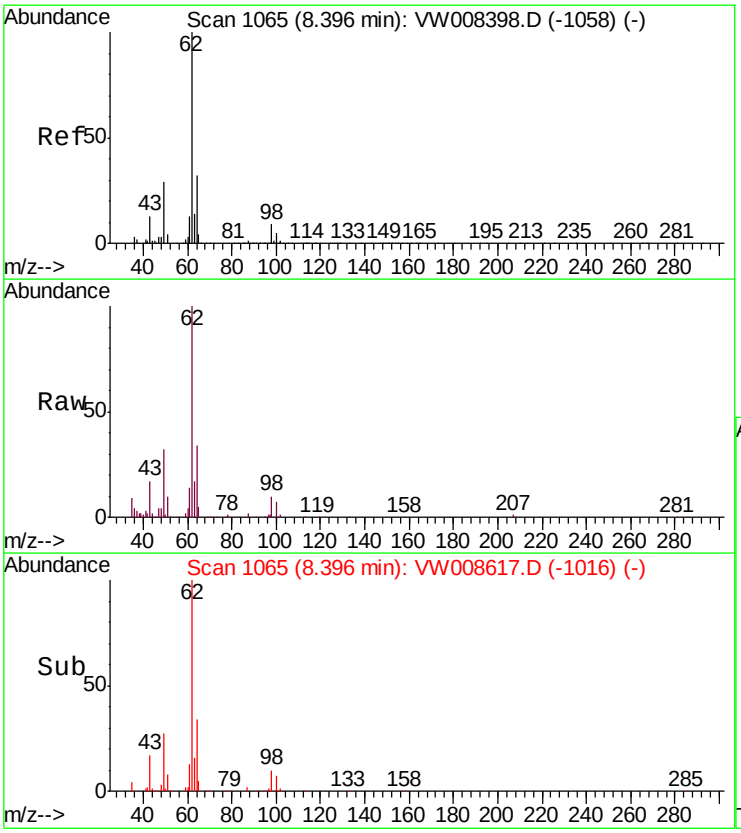
#41
Methacrylonitrile
Concen: 23.267 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 41 Resp: 34019

Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.4	65.0
67	66.6	54.2	81.2
52	31.9	22.9	34.3

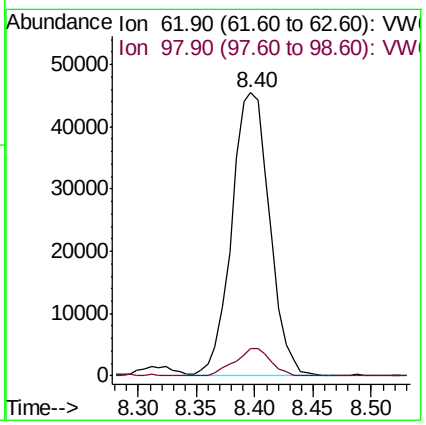


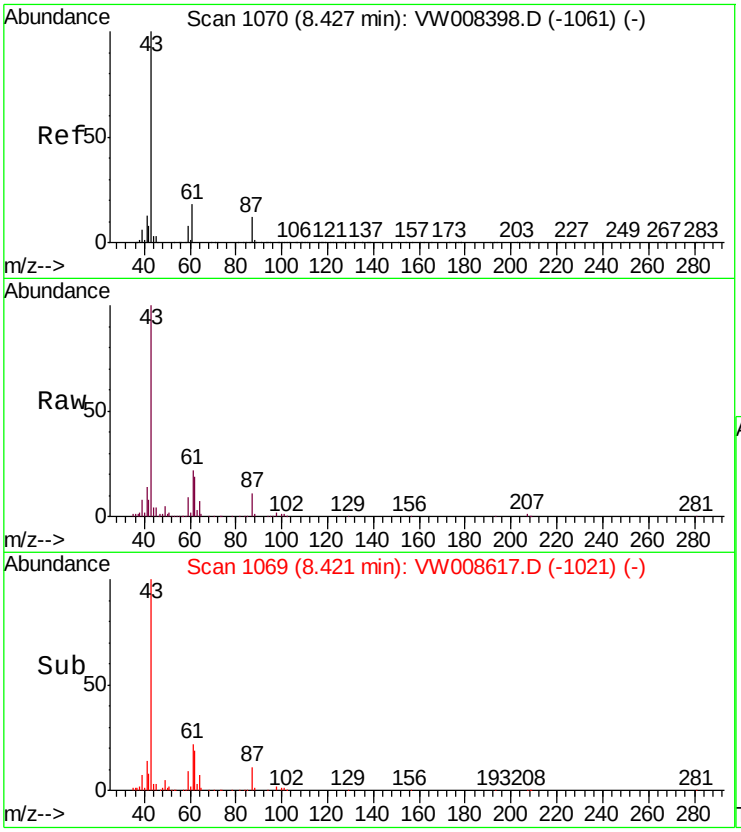


#42
1,2-Dichloroethane
Concen: 22.908 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 62 Resp: 102814

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.6



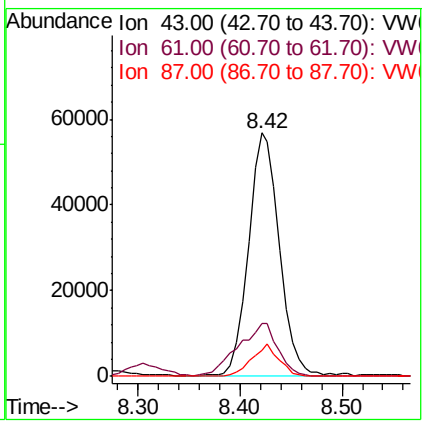


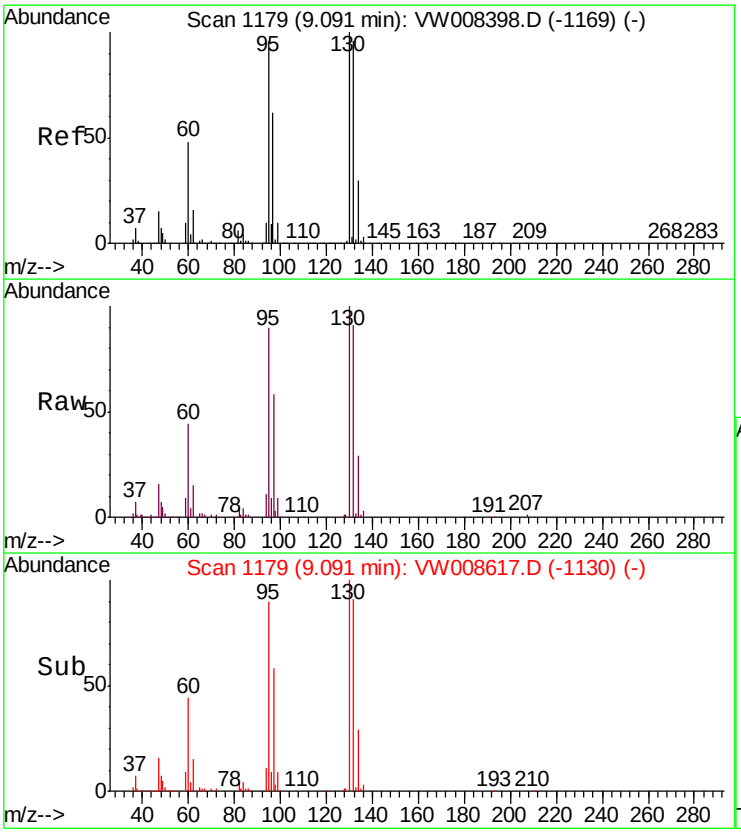
#43
Isopropyl Acetate
Concen: 23.133 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 43 Resp: 118673

Ion	Ratio	Lower	Upper
43	100		
61	28.1	22.0	33.0
87	12.0	9.3	13.9

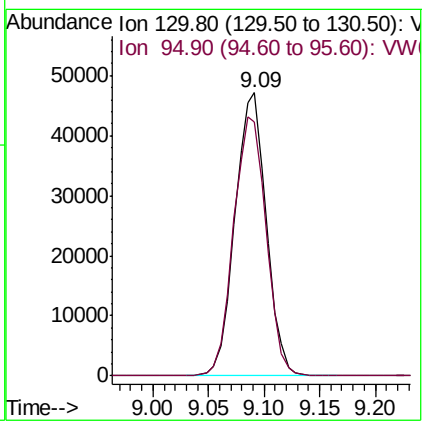


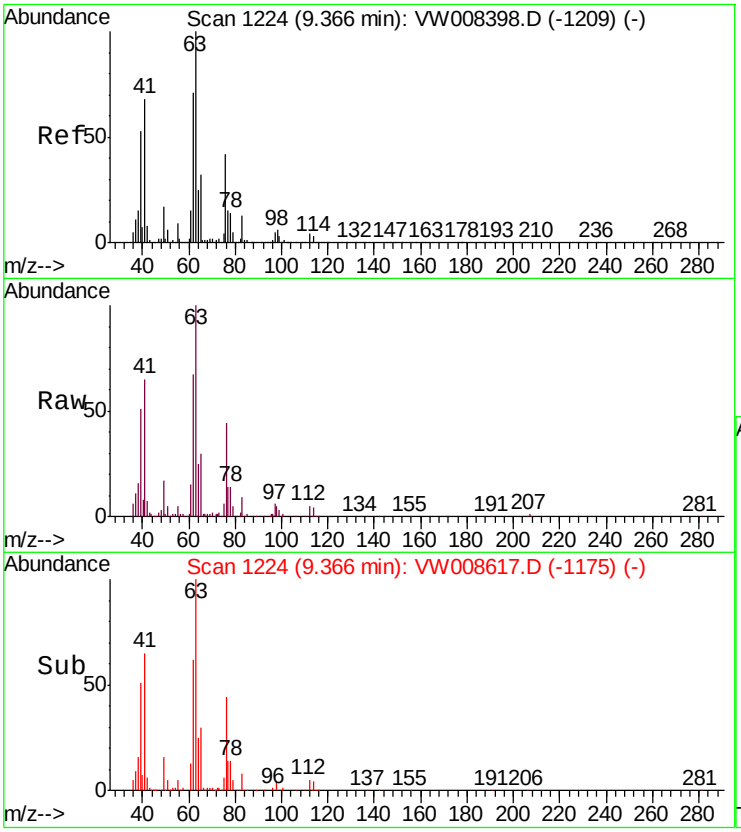


#44
Trichloroethene
Concen: 21.743 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:130 Resp: 91570

Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	191.6



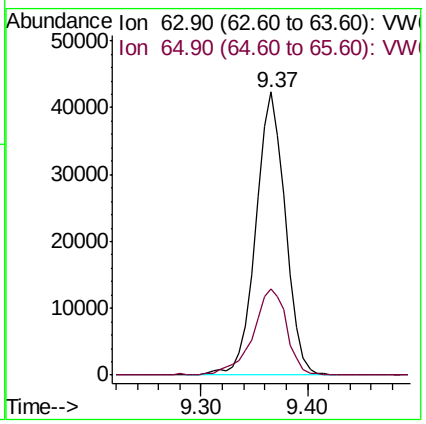


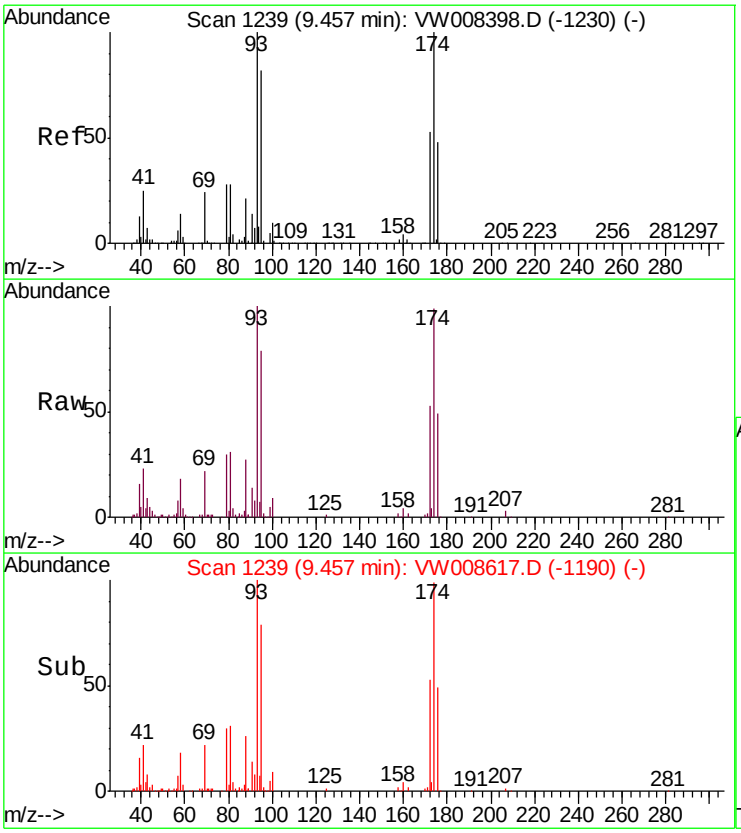
#45
1,2-Dichloropropane
Concen: 21.300 ug/l
RT: 9.37 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 63 Resp: 82251

Ion	Ratio	Lower	Upper
63	100		
65	30.3	25.2	37.8

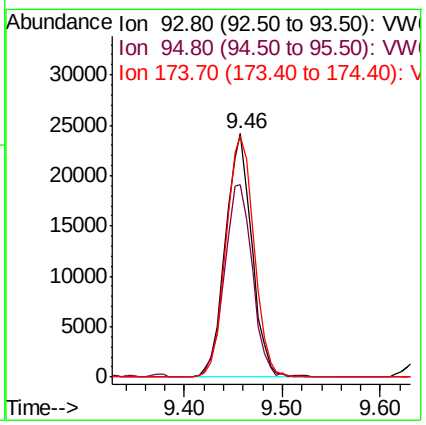


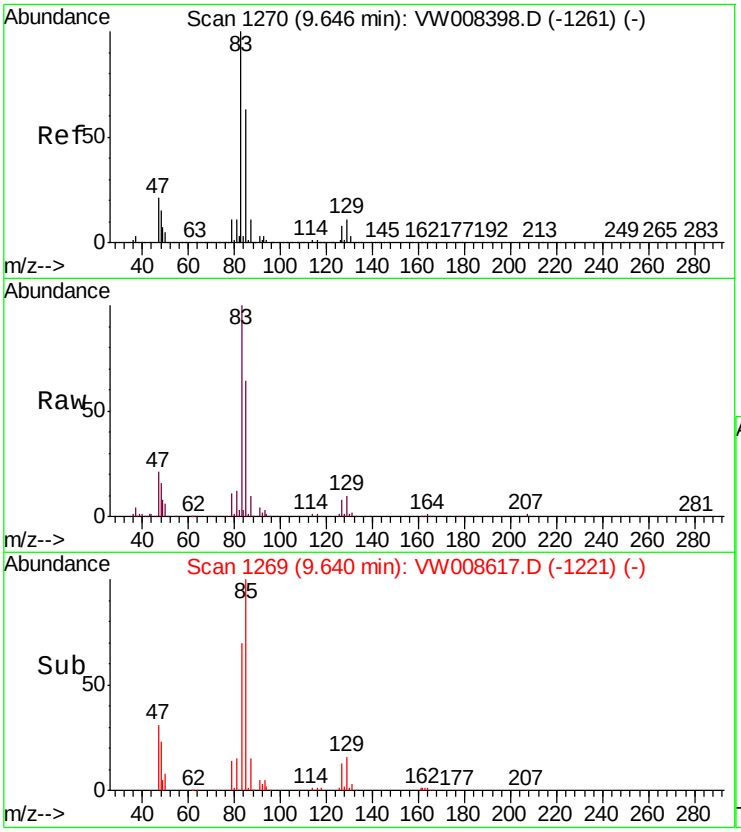


#46
Dibromomethane
Concen: 22.740 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 93 Resp: 45166

Ion	Ratio	Lower	Upper
93	100		
95	83.3	65.9	98.9
174	104.7	81.0	121.6



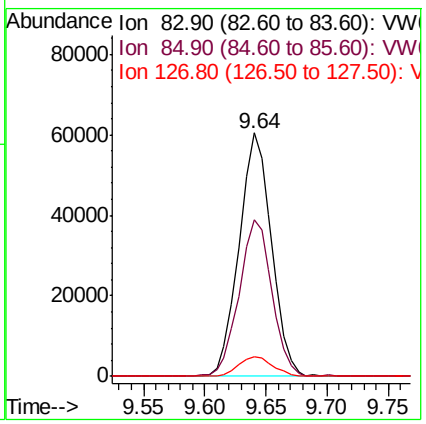


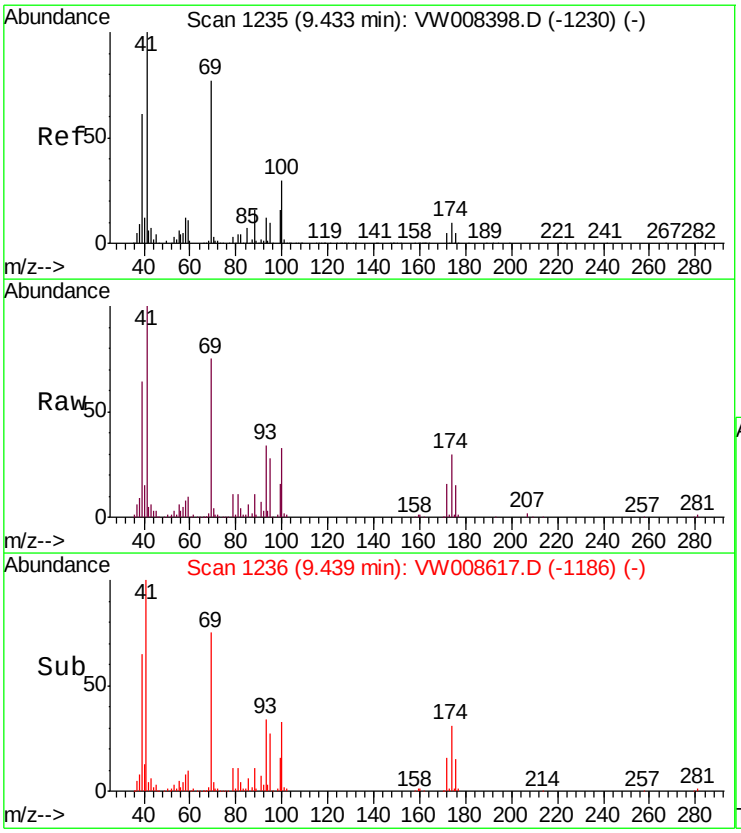
#47
Bromodichloromethane
Concen: 21.119 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion: 83 Resp: 110947

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.8	76.2
127	8.1	6.8	10.2

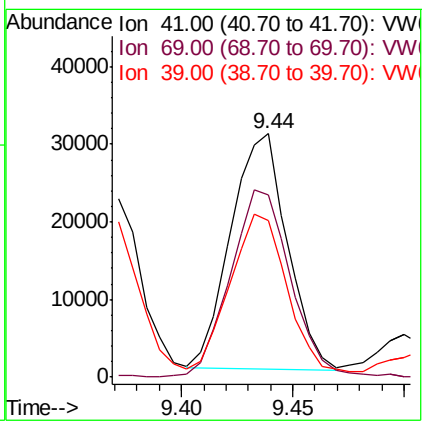


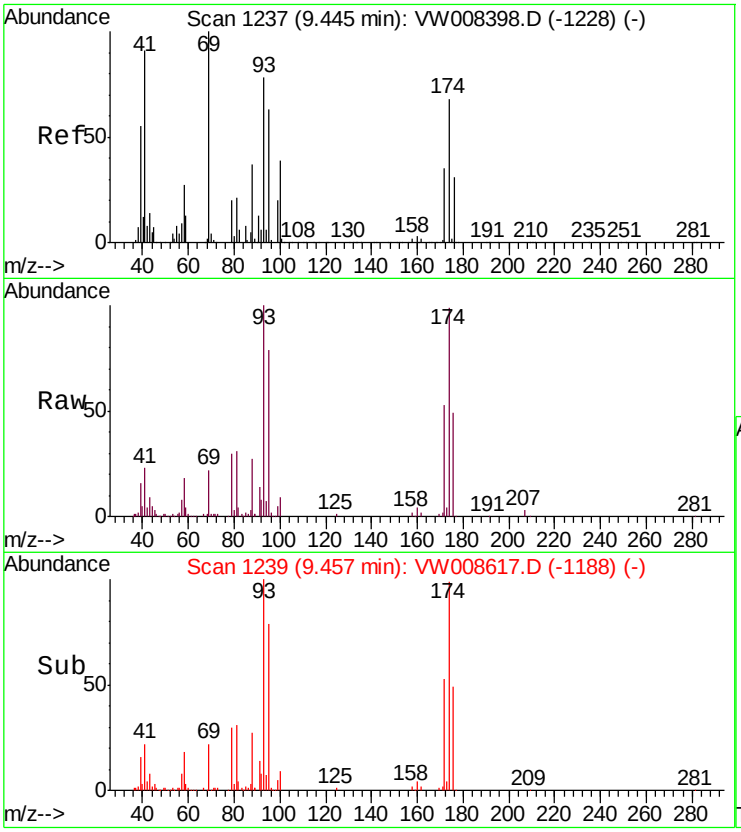


#48
Methyl methacrylate
Concen: 21.335 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 41 Resp: 53518

Ion	Ratio	Lower	Upper
41	100		
69	85.1	64.8	97.2
39	67.5	49.1	73.7



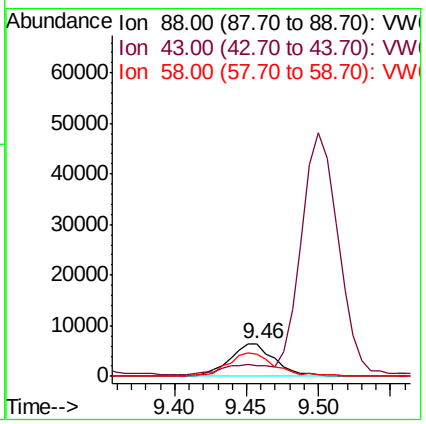


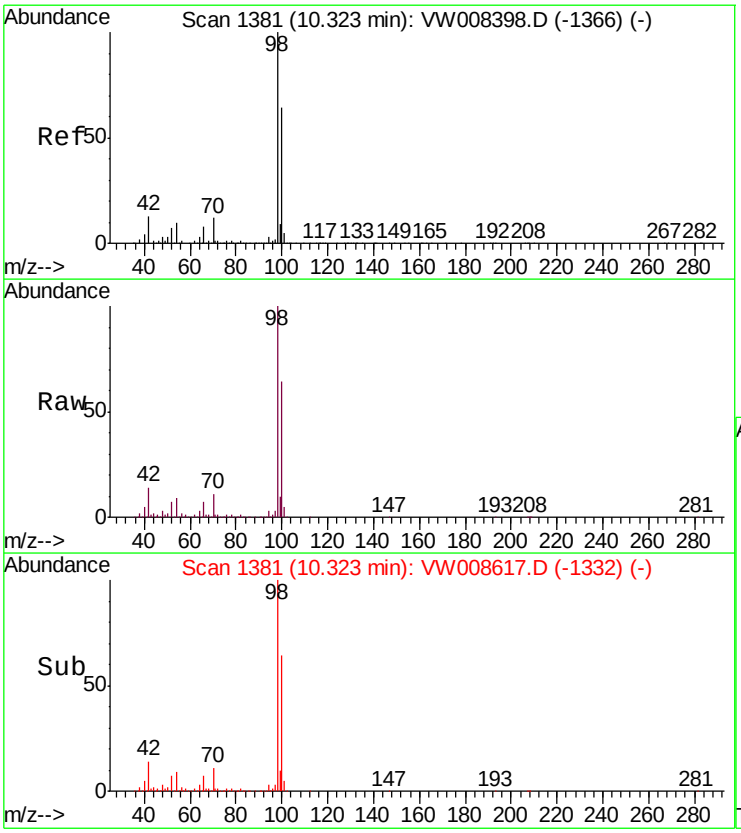
#49
1,4-Dioxane
Concen: 416.923 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 88 Resp: 13997

Ion	Ratio	Lower	Upper
88	100		
43	27.7	29.0	43.4#
58	76.6	56.4	84.6

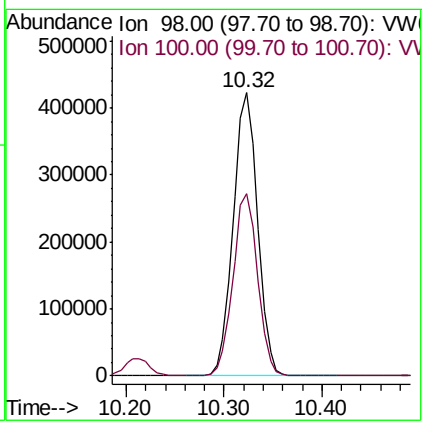


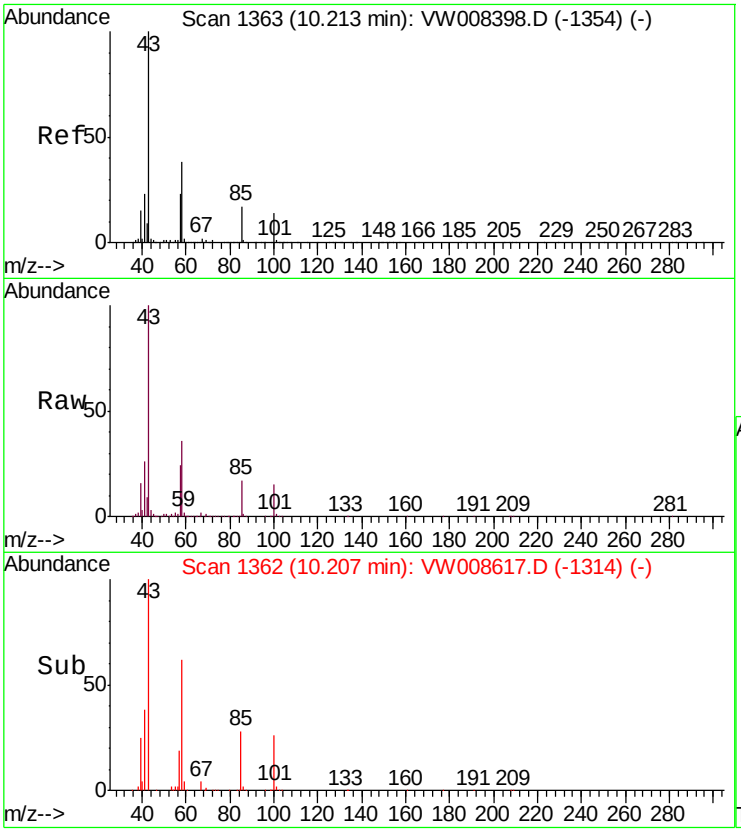


#50
Toluene-d8
Concen: 52.934 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 98 Resp: 733374

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.6	78.8



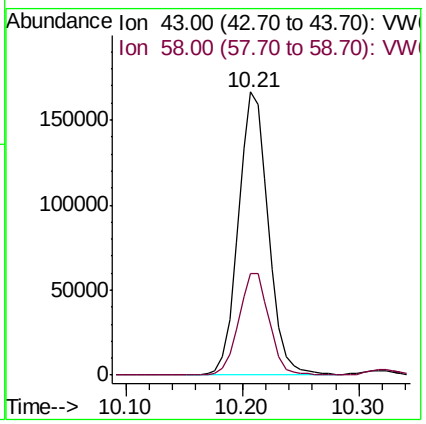


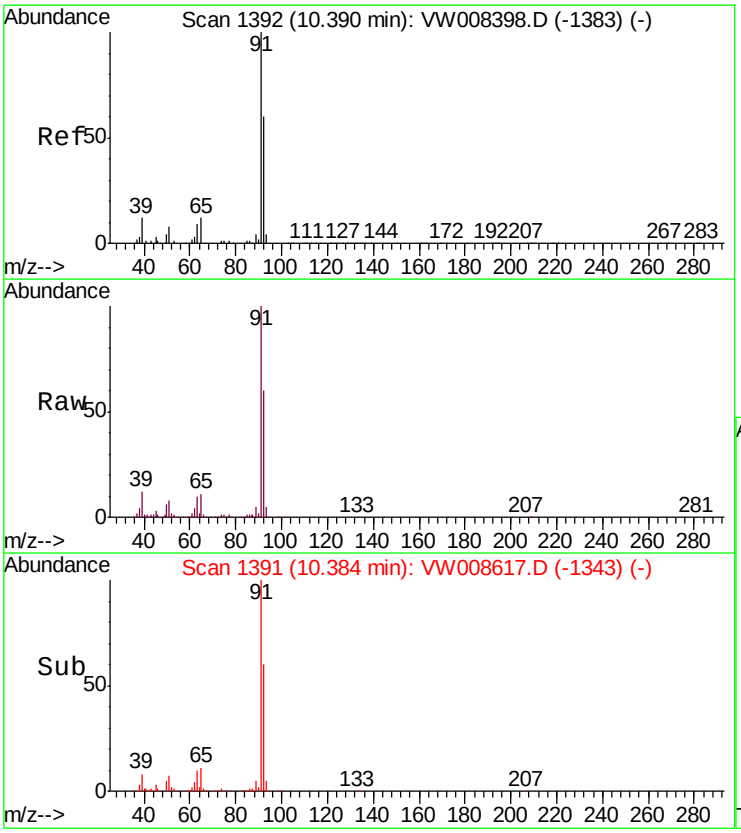
#51
4-Methyl-2-Pentanone
Concen: 117.160 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 43 Resp: 296933

Ion	Ratio	Lower	Upper
43	100		
58	36.6	29.7	44.5

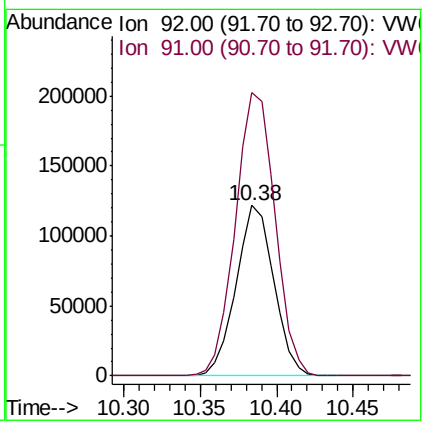


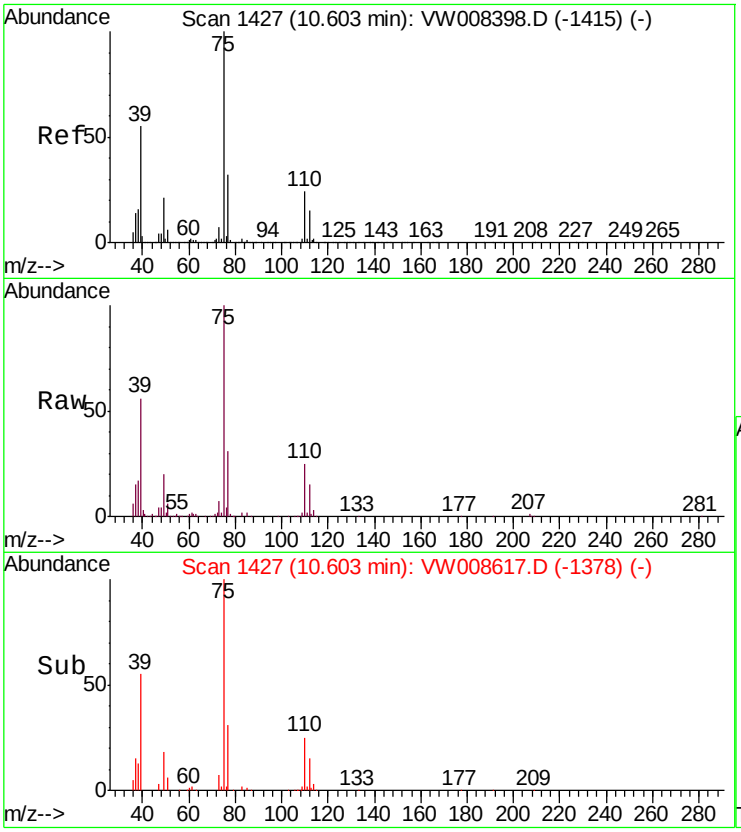


#52
Toluene
Concen: 20.505 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 92 Resp: 209635

Ion	Ratio	Lower	Upper
92	100		
91	174.0	135.5	203.3



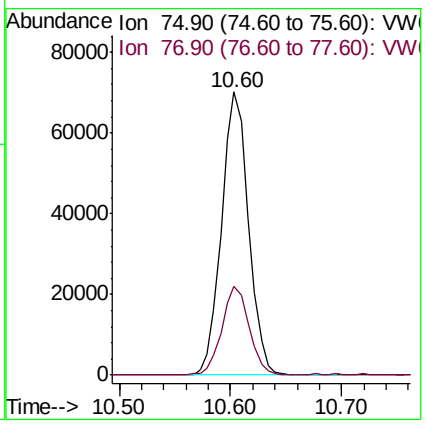


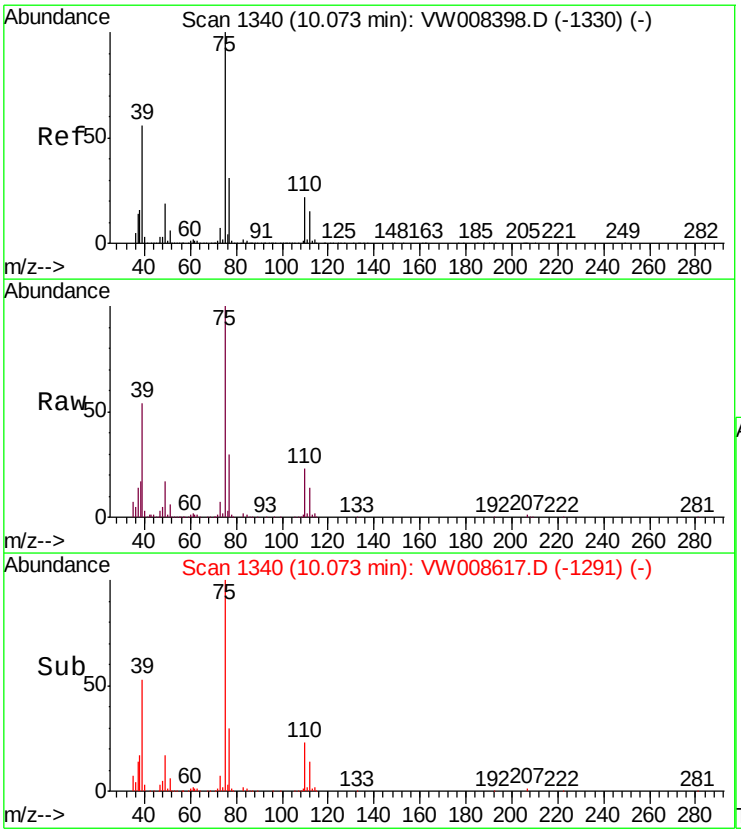
#53
t-1,3-Dichloropropene
Concen: 21.053 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 75 Resp: 117685

Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.3	37.9

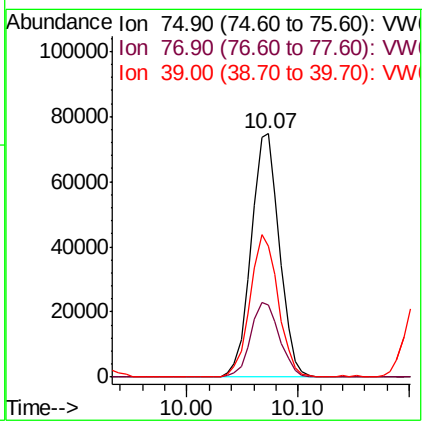


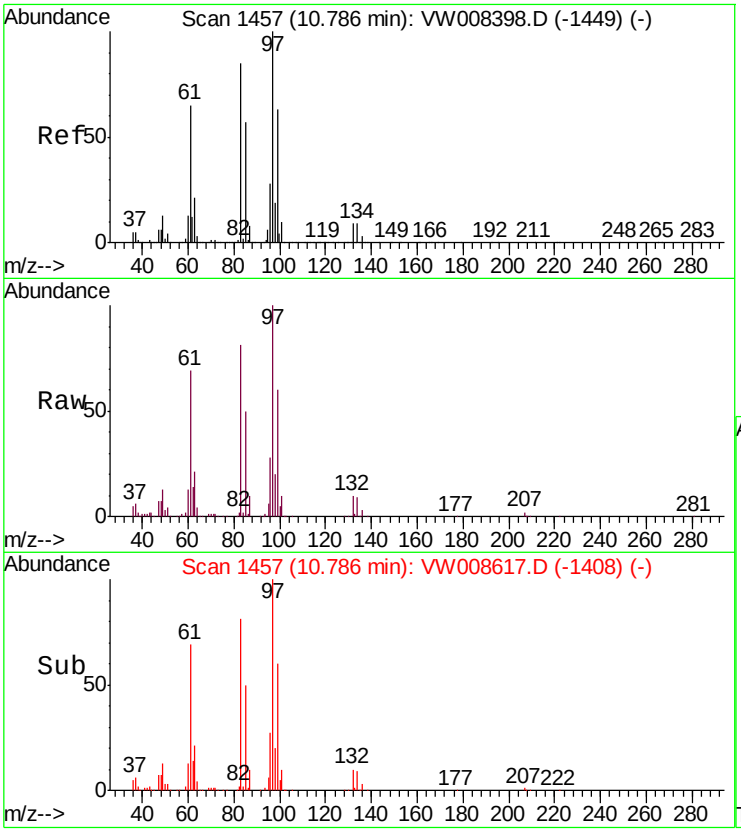


#54
cis-1,3-Dichloropropene
Concen: 20.840 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 75 Resp: 132206

Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.0	37.4
39	53.5	44.9	67.3



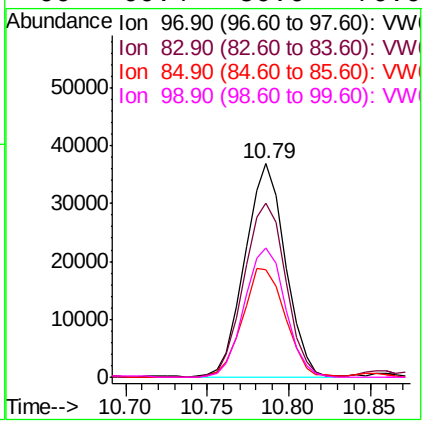


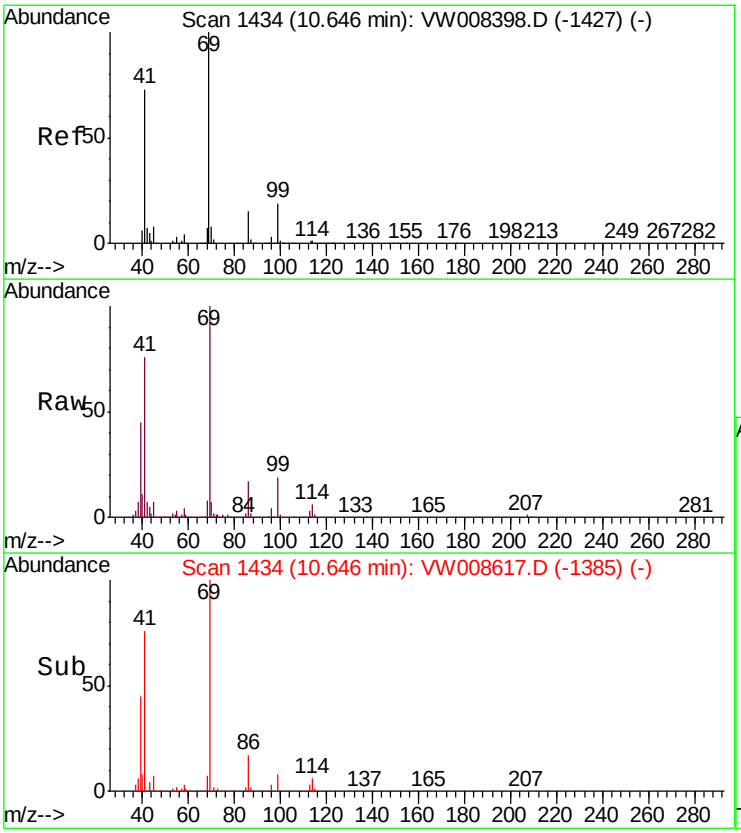
#55
1,1,2-Trichloroethane
Concen: 23.223 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 97 Resp: 63978

Ion	Ratio	Lower	Upper
97	100		
83	81.5	68.4	102.6
85	50.1	45.3	67.9
99	60.4	50.6	76.0

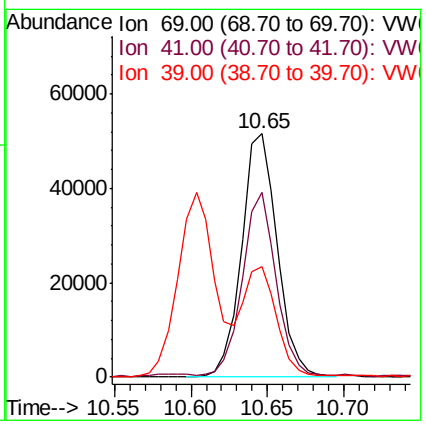


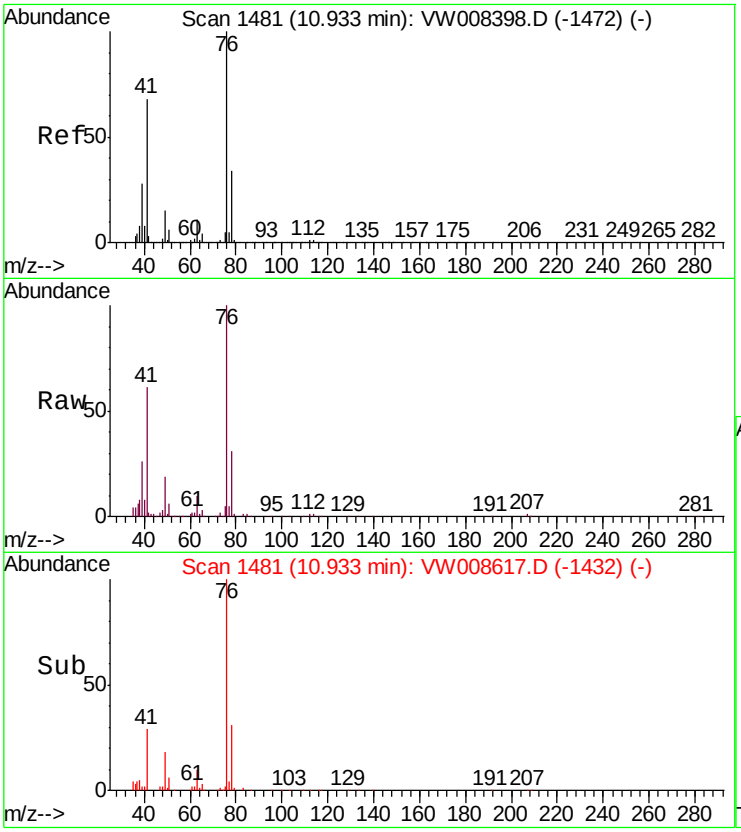


#56
Ethyl methacrylate
Concen: 21.616 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 69 Resp: 83442

Ion	Ratio	Lower	Upper
69	100		
41	70.4	58.7	88.1
39	43.0	32.6	48.8



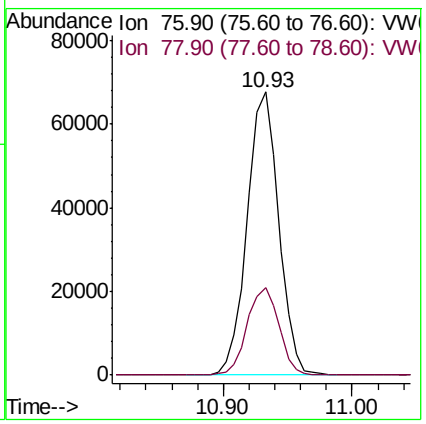


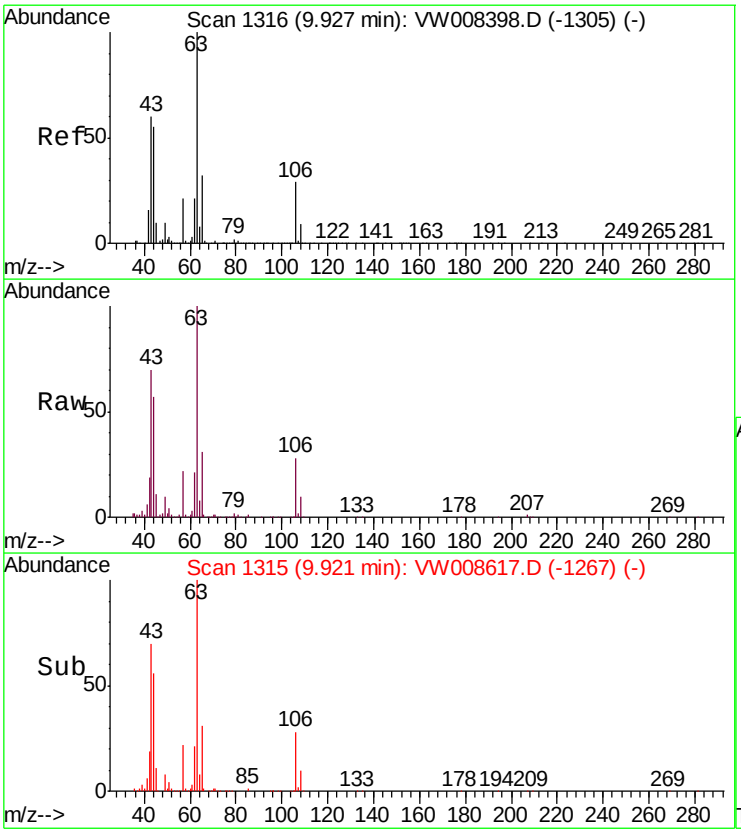
#57
1,3-Dichloropropane
Concen: 23.154 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. 0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 76 Resp: 114277

Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.8

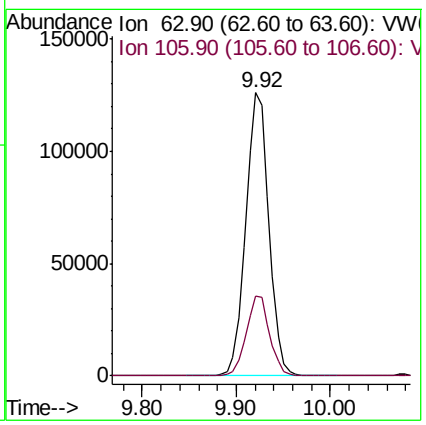


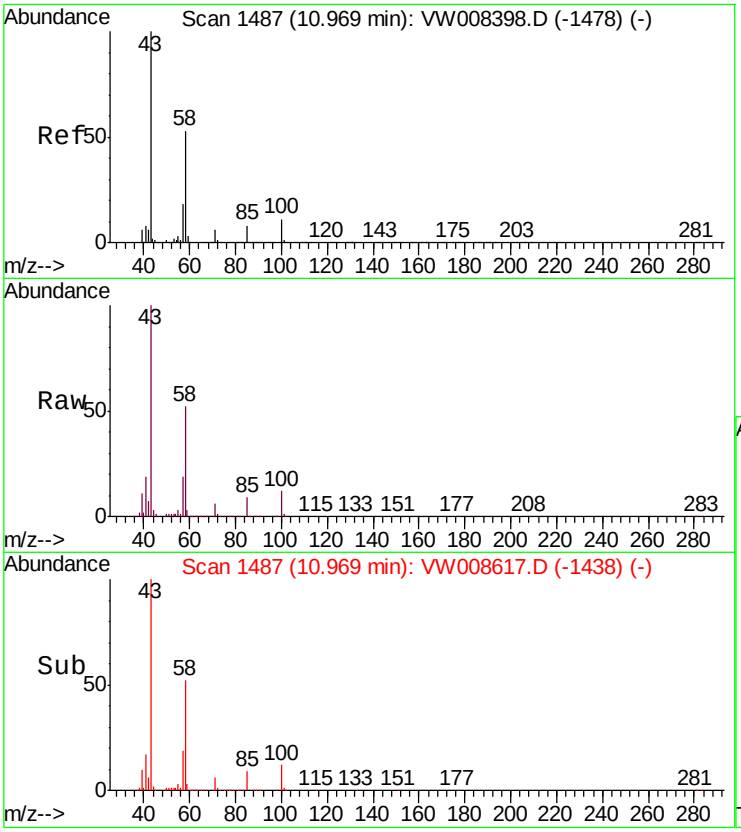


#58
2-Chloroethyl Vinyl ether
Concen: 115.474 ug/l
RT: 9.92 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 63 Resp: 216580

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.4	33.6



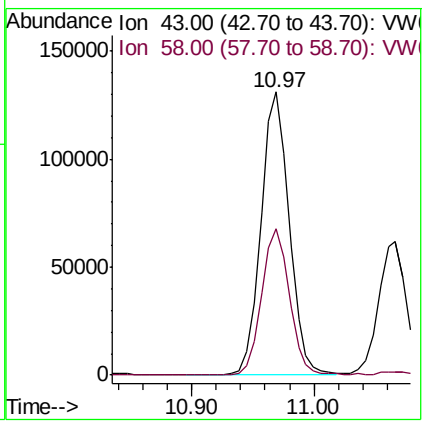


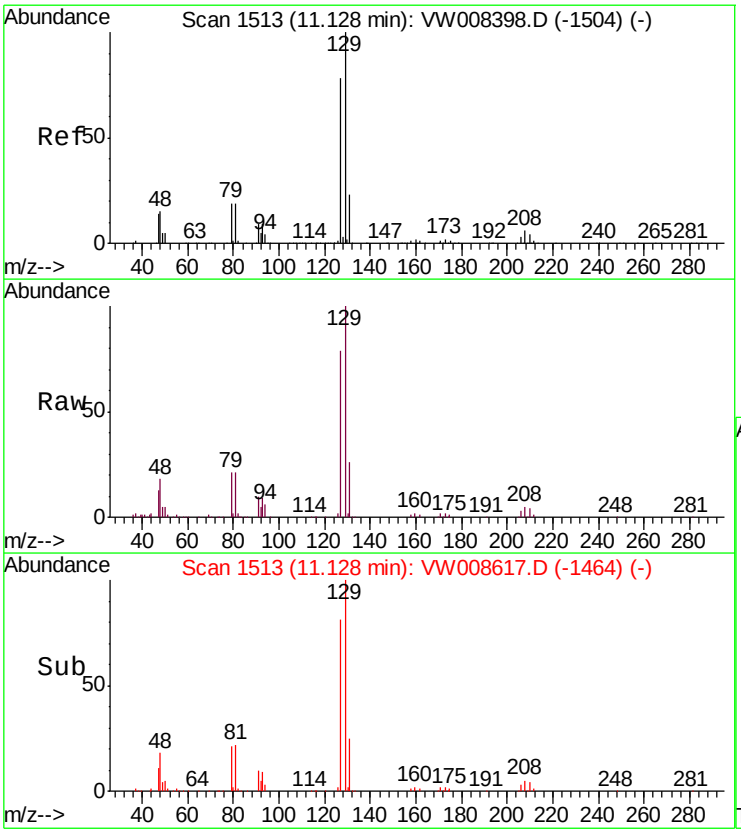
#59
2-Hexanone
Concen: 117.781 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 43 Resp: 210734

Ion	Ratio	Lower	Upper
43	100		
58	51.1	25.9	77.7

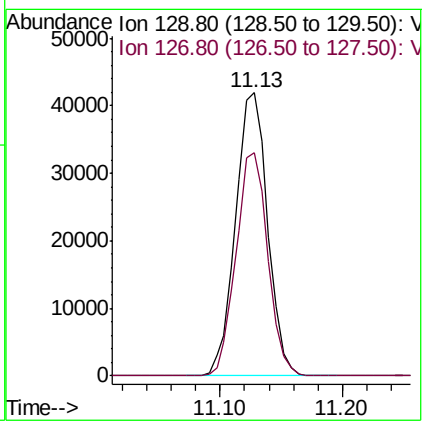


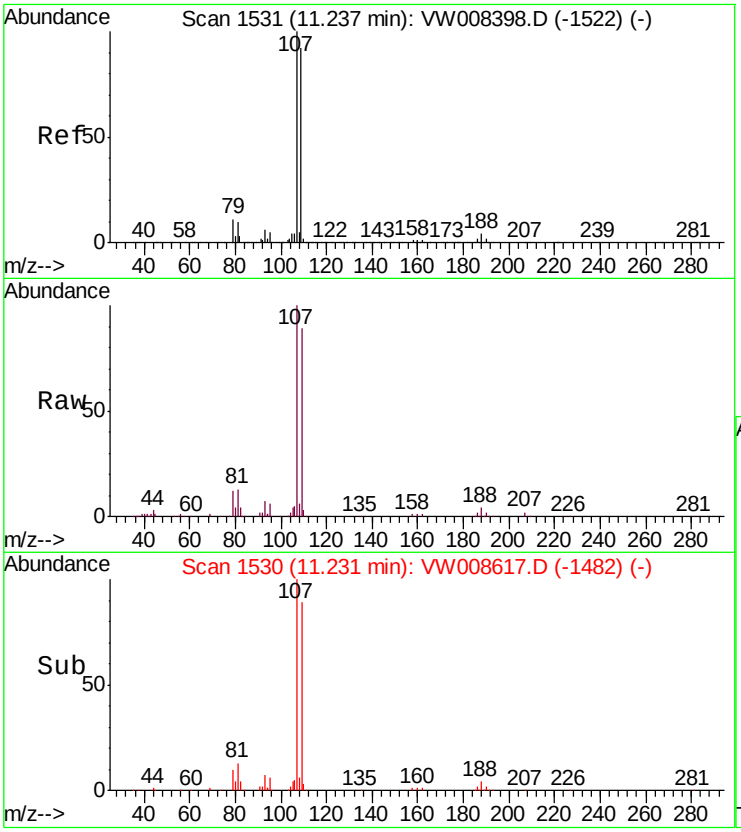


#60
Dibromochloromethane
Concen: 21.526 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:129 Resp: 76209

Ion	Ratio	Lower	Upper
129	100		
127	78.0	39.1	117.2



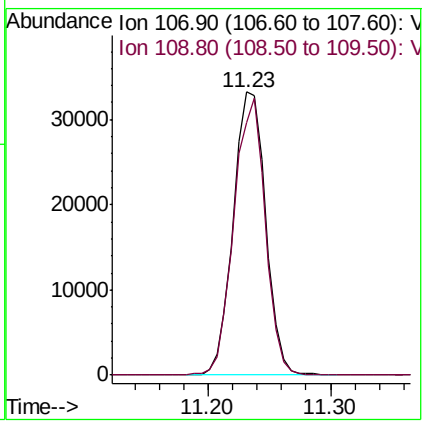


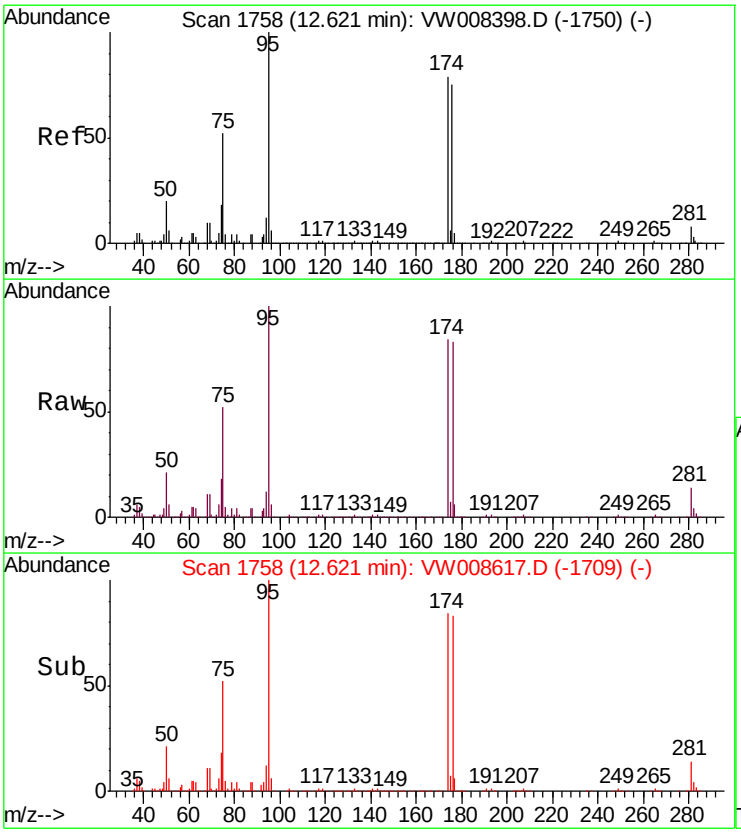
#61
1,2-Dibromoethane
Concen: 22.344 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:107 Resp: 61035

Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.4

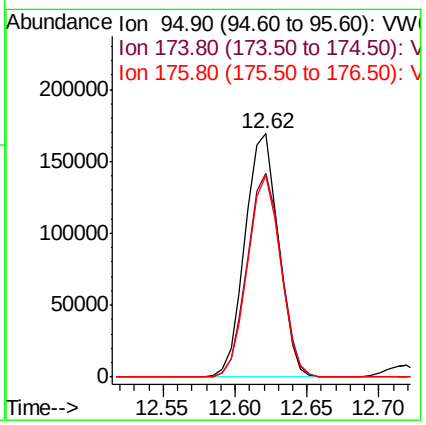


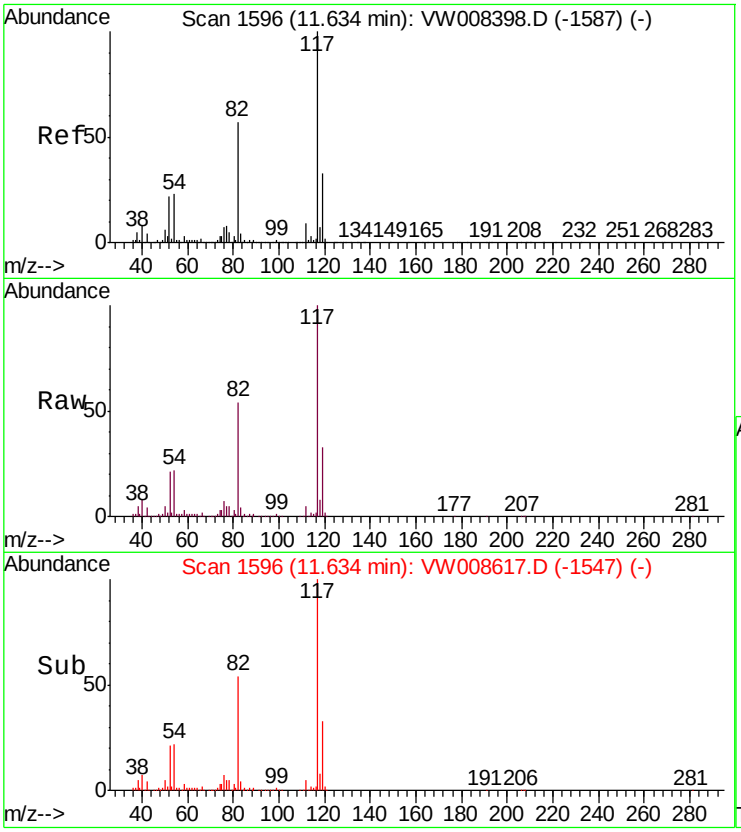


#62
4-Bromofluorobenzene
Concen: 51.191 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 95 Resp: 272614

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	157.6
176	81.9	0.0	151.8



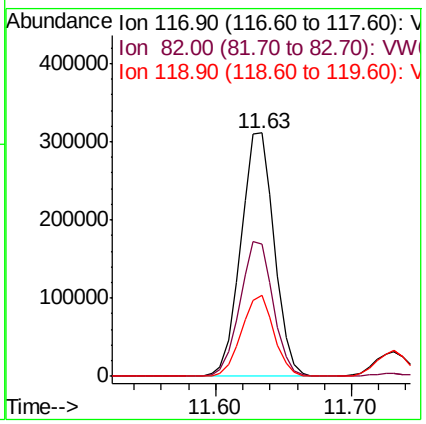


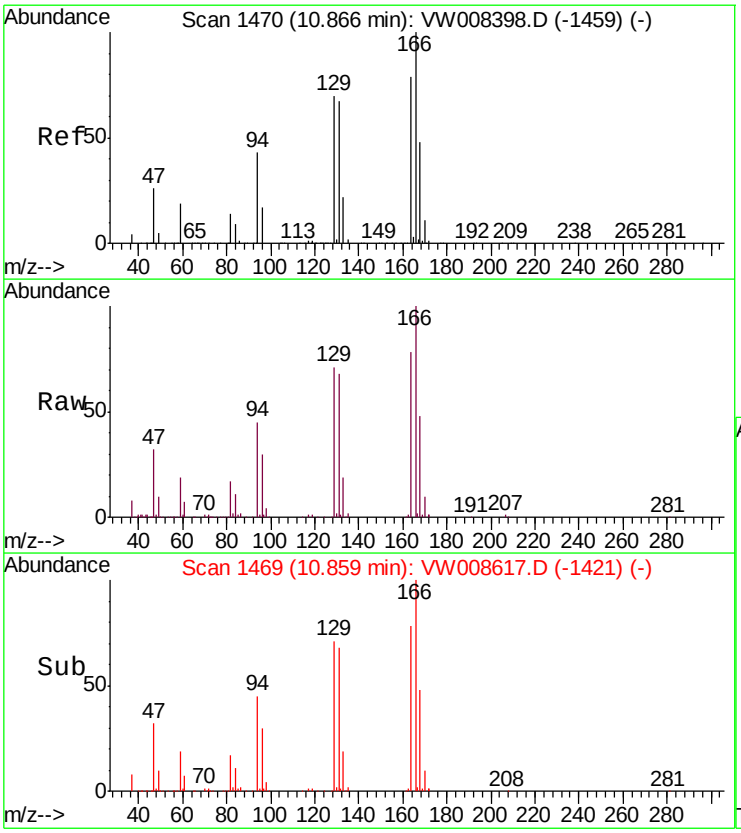
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:117 Resp: 534692

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.4	68.0
119	33.5	26.2	39.4

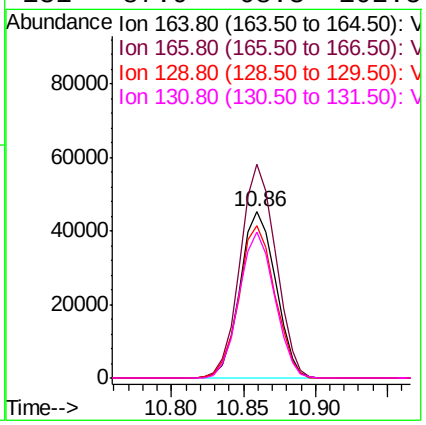


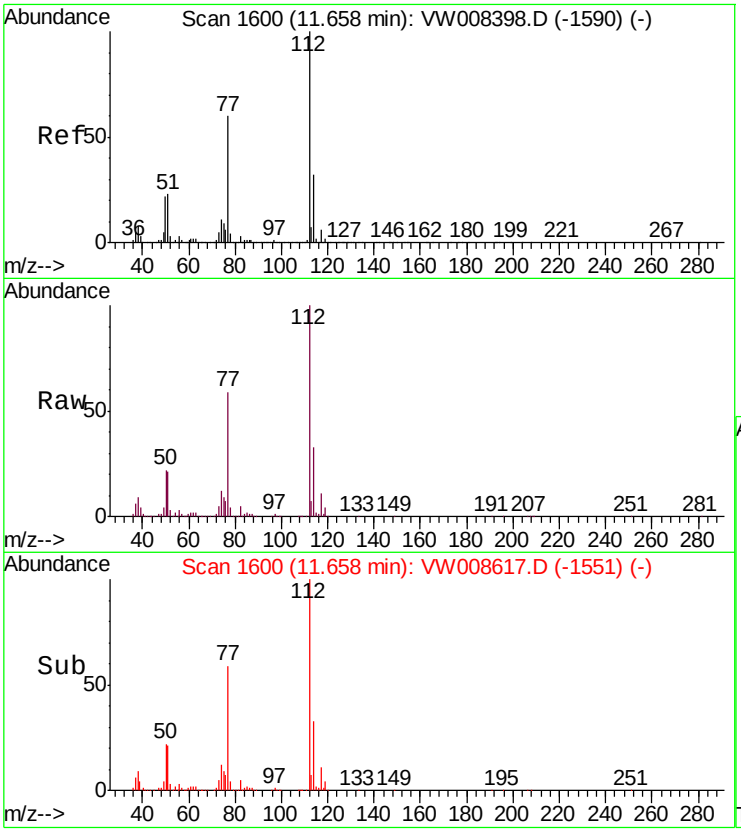


#64
Tetrachloroethene
Concen: 21.504 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:164 Resp: 77850

Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.4	152.0
129	91.8	71.0	106.6
131	87.9	68.3	102.5



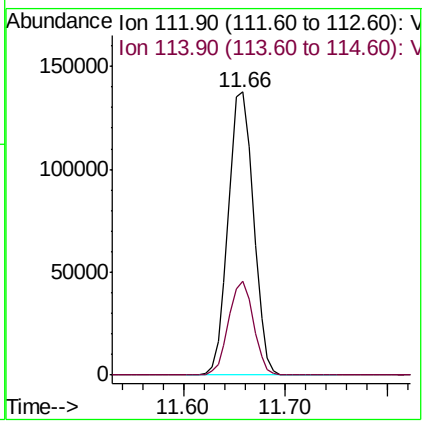


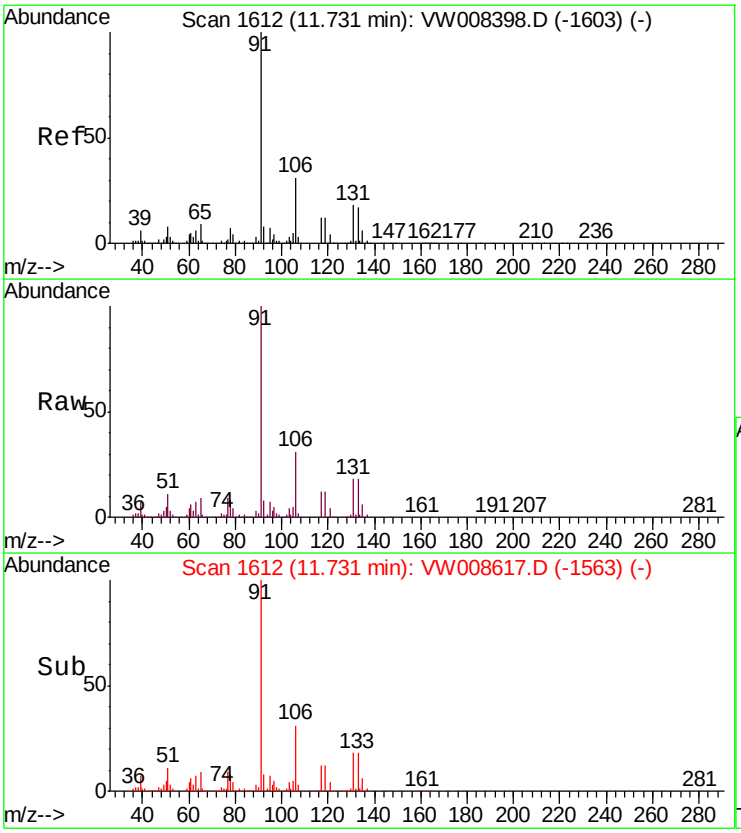
#65
Chlorobenzene
Concen: 21.538 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:112 Resp: 235090

Ion	Ratio	Lower	Upper
112	100		
114	33.2	25.4	38.2

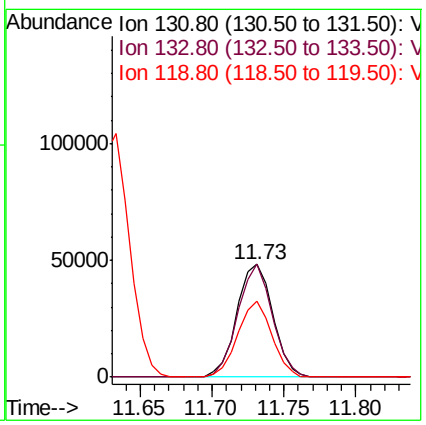


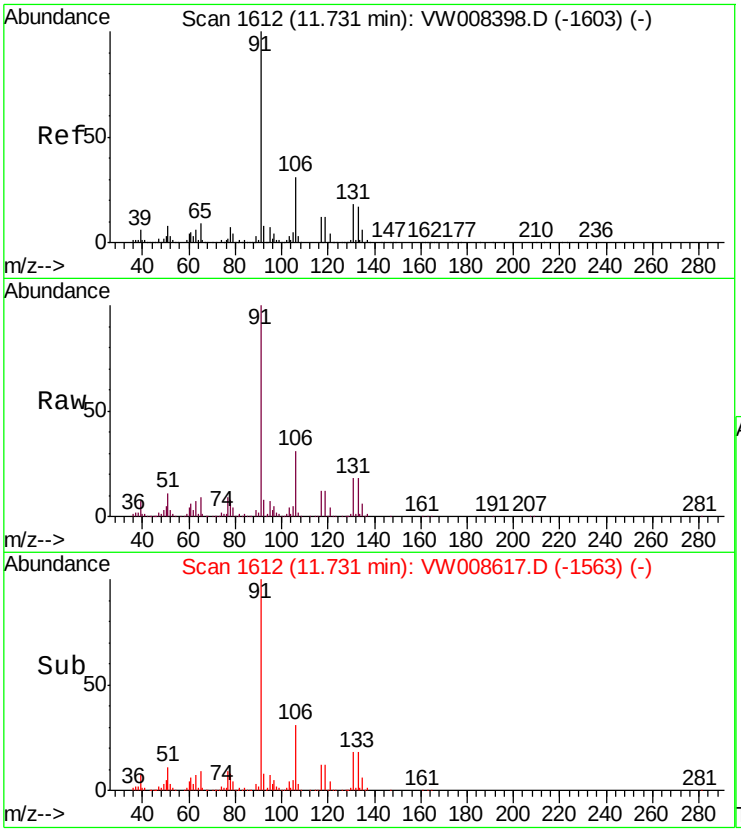


#66
1,1,1,2-Tetrachloroethane
Concen: 21.352 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:131 Resp: 83384

Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.0	141.2
119	64.4	32.1	96.3



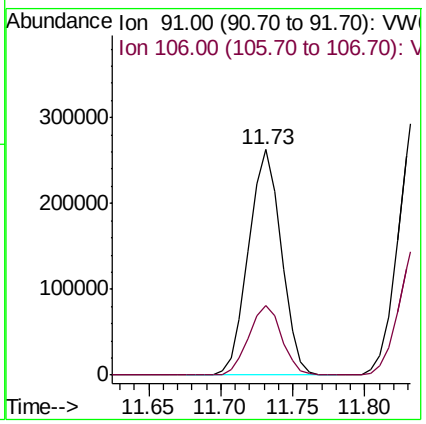


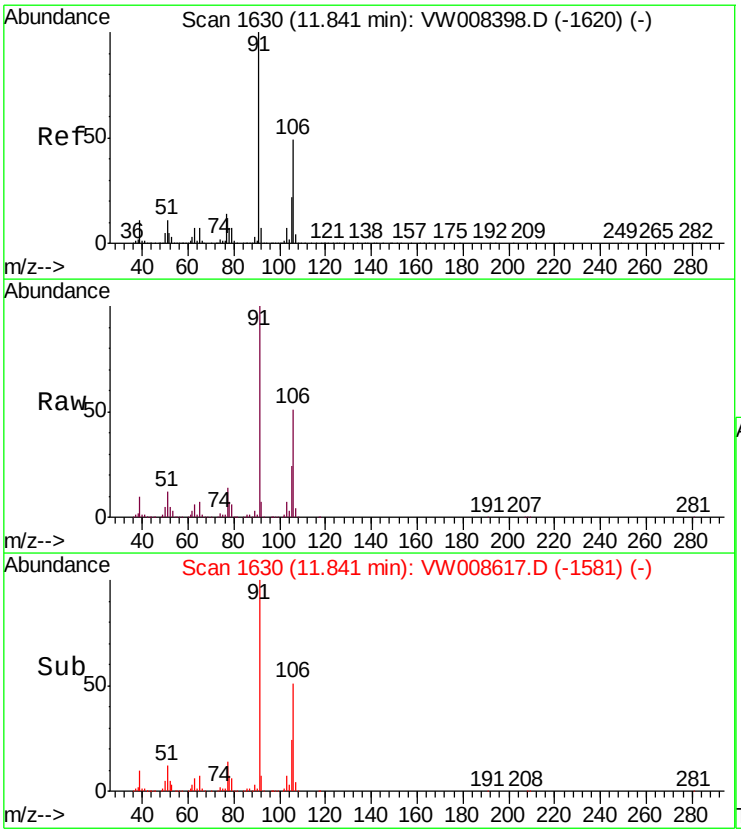
#67
Ethyl Benzene
Concen: 20.571 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 91 Resp: 412732

Ion	Ratio	Lower	Upper
91	100		
106	30.6	24.7	37.1

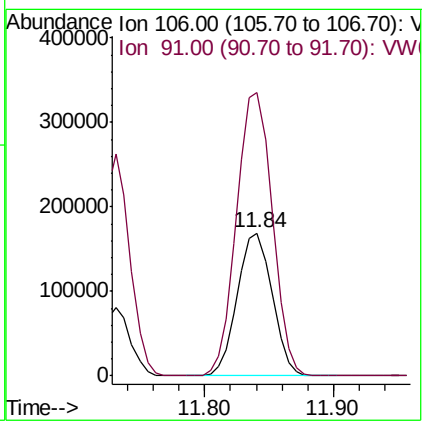


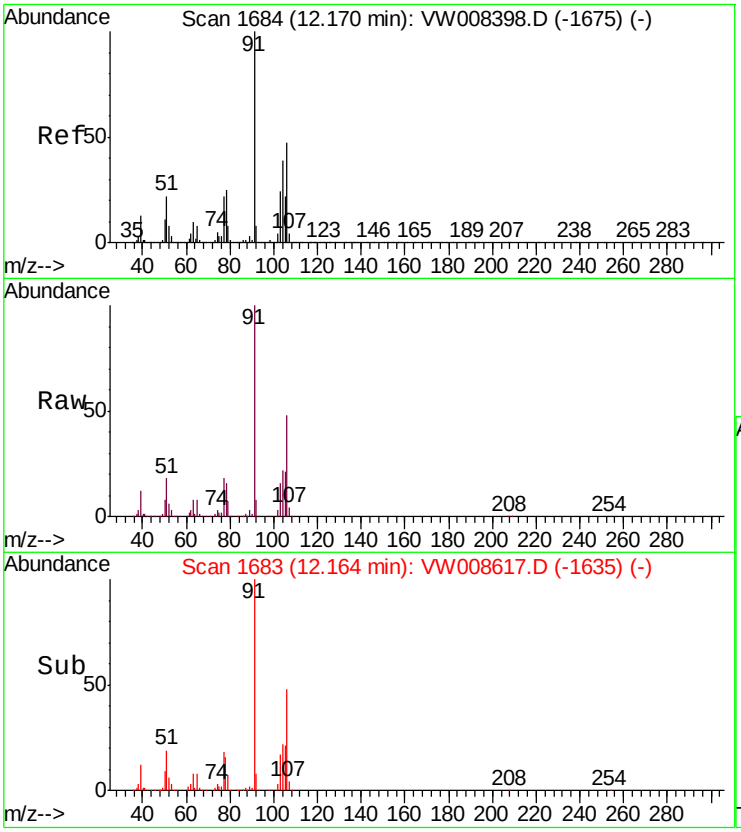


#68
m/p-Xylenes
Concen: 40.836 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:106 Resp: 317888

Ion	Ratio	Lower	Upper
106	100		
91	203.2	162.9	244.3



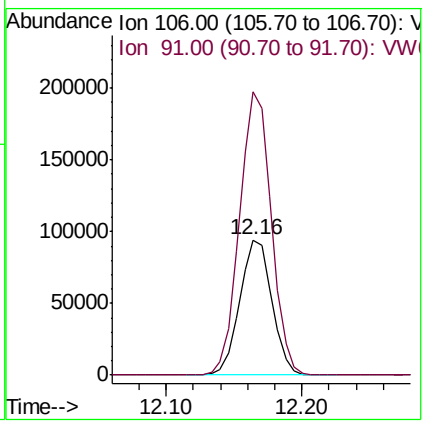


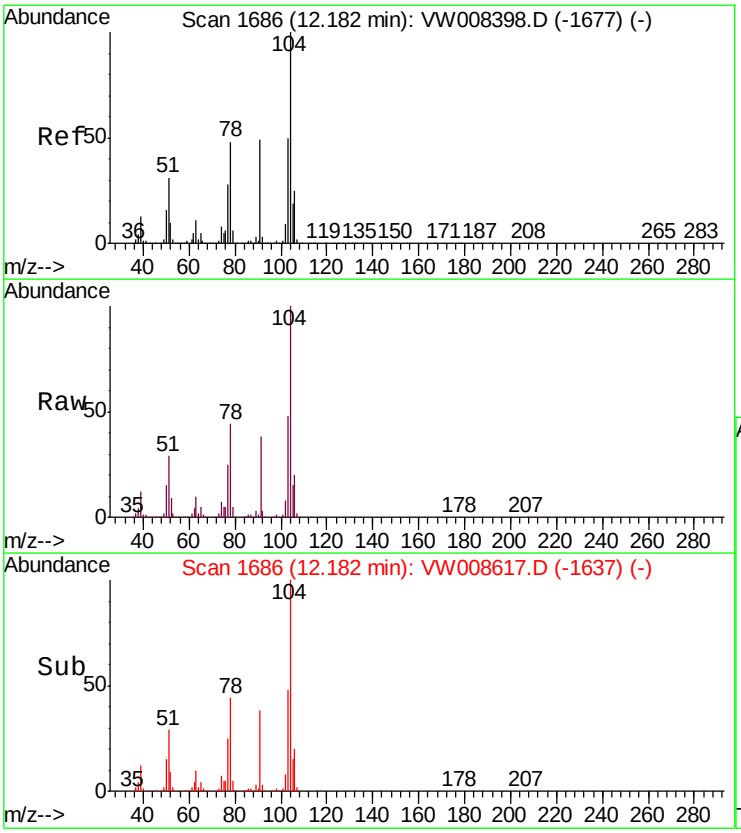
#69
o-Xylene
Concen: 21.041 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion:106 Resp: 155627

Ion	Ratio	Lower	Upper
106	100		
91	207.2	107.5	322.4

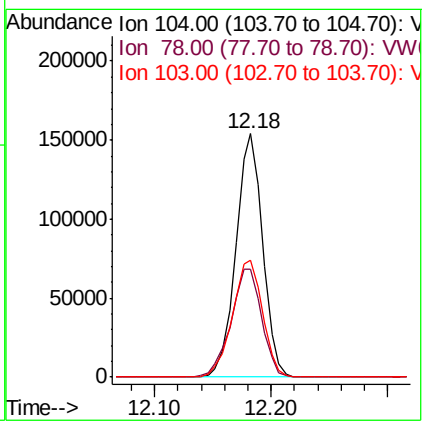


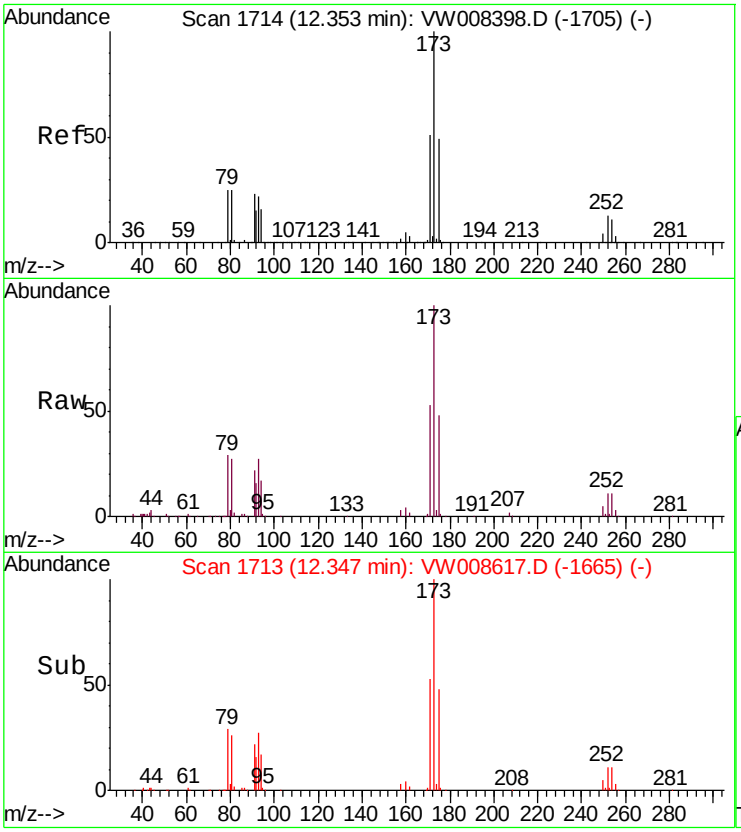


#70
Styrene
Concen: 20.238 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:104 Resp: 247254

Ion	Ratio	Lower	Upper
104	100		
78	50.8	42.4	63.6
103	54.0	43.4	65.0



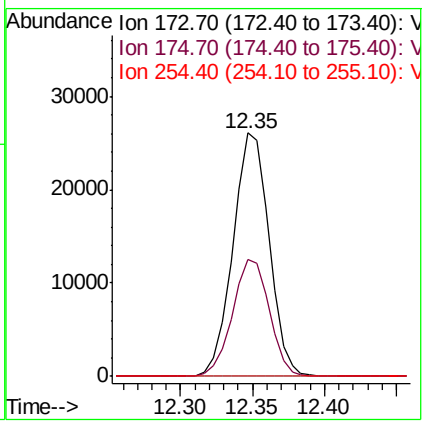


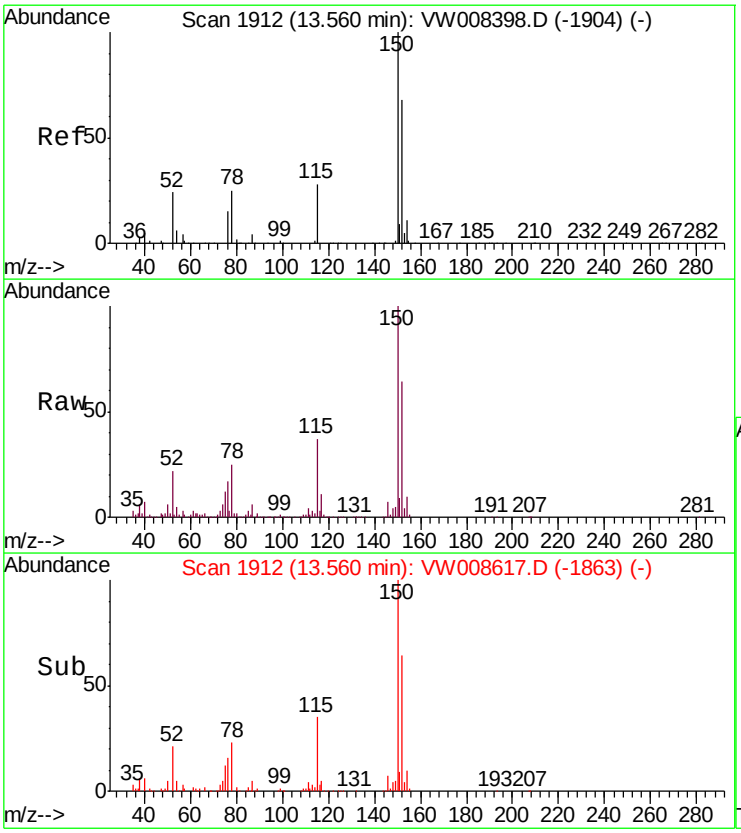
#71
Bromoform
Concen: 20.651 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument :
MSVOA_W
ClientSampleId :
VW0212SBSD01

Tgt Ion:173 Resp: 45375

Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.4	73.4
254	0.0	0.2	0.2#

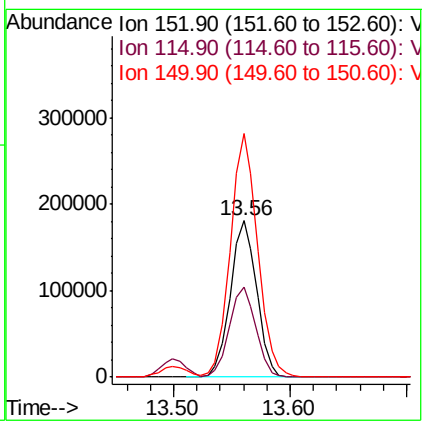


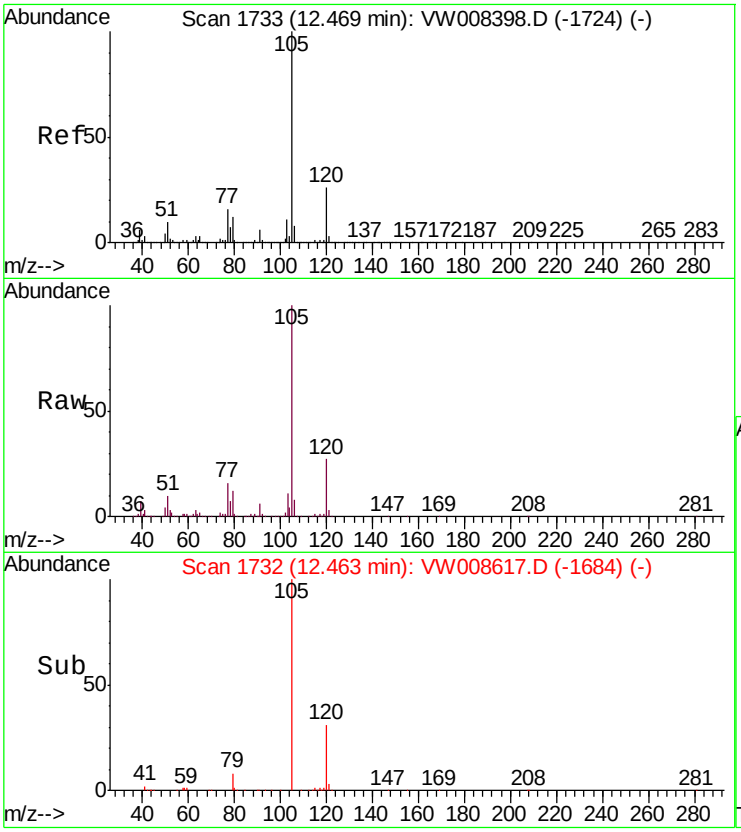


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion:152 Resp: 284024

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.9	89.7
150	161.1	0.0	351.4



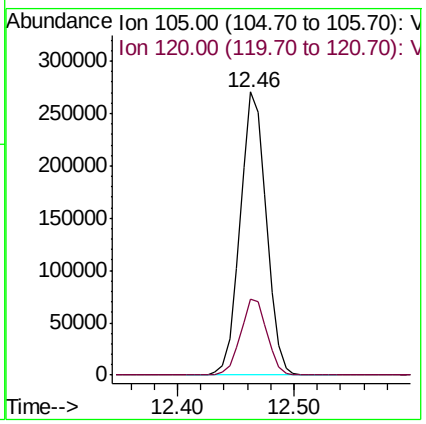


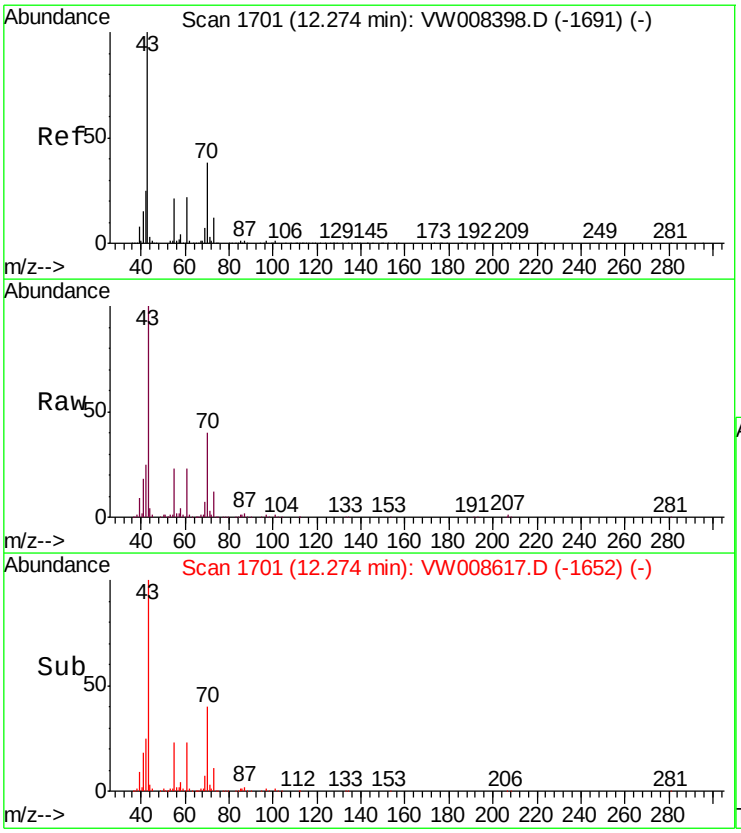
#73
Isopropylbenzene
Concen: 20.019 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:105 Resp: 423899

Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.3	39.8

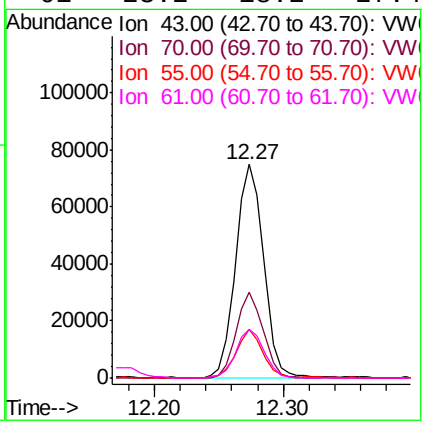


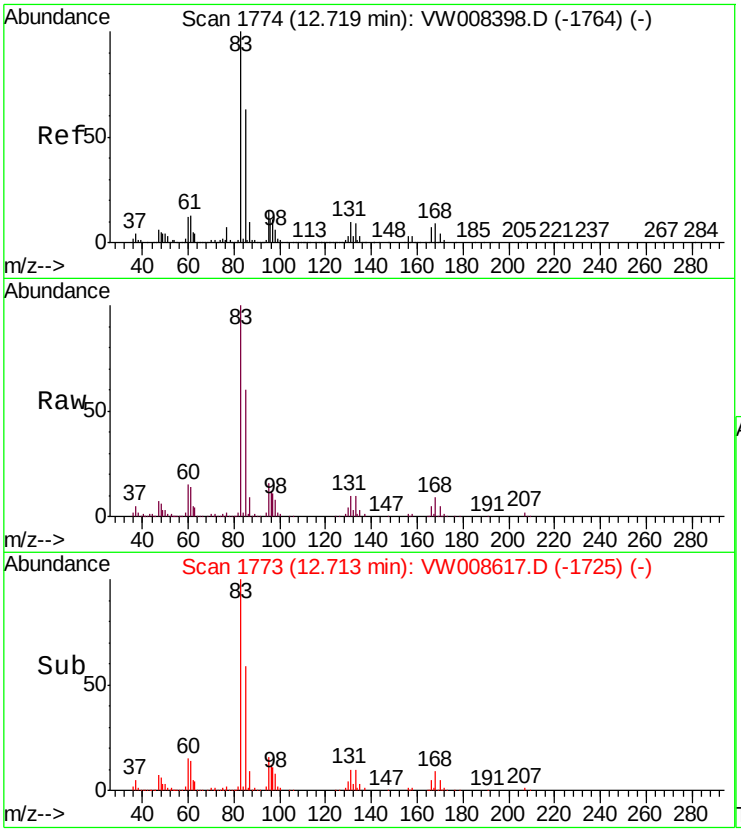


#74
N-amyl acetate
Concen: 20.536 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 43 Resp: 112021

Ion	Ratio	Lower	Upper
43	100		
70	38.8	31.0	46.6
55	21.9	17.4	26.2
61	23.2	18.2	27.4



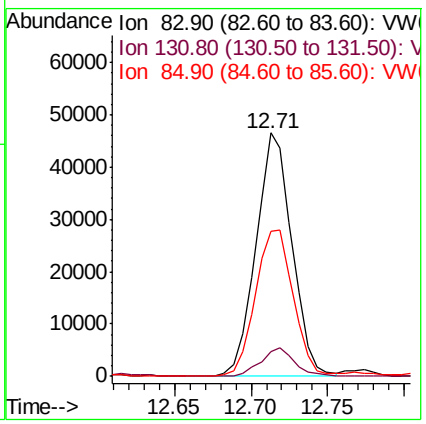


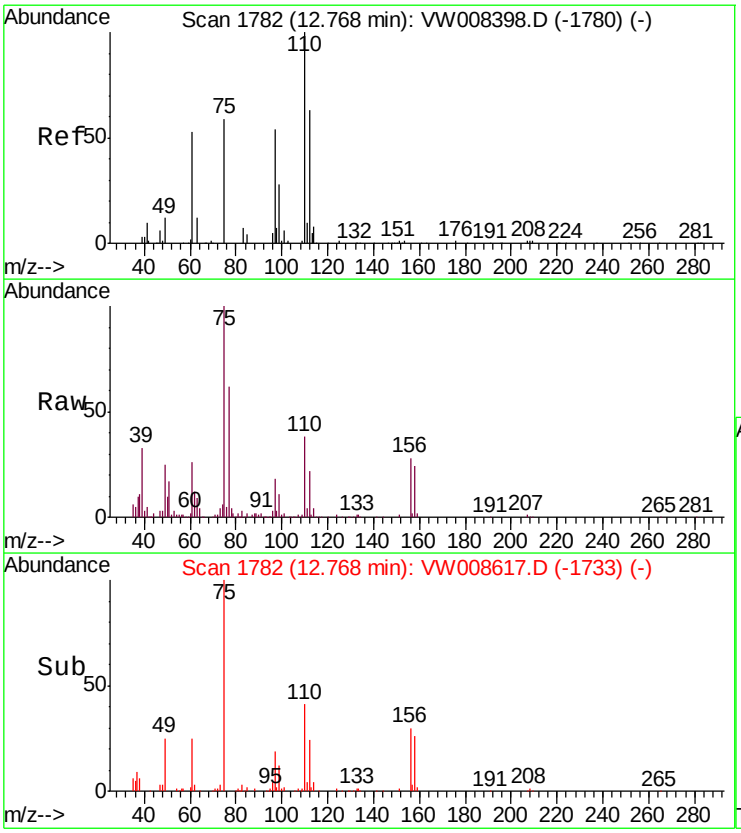
#75
1,1,2,2-Tetrachloroethane
Concen: 22.822 ug/l
RT: 12.71 min Scan# 1773
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion: 83 Resp: 76507

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	63.3	31.9	95.5

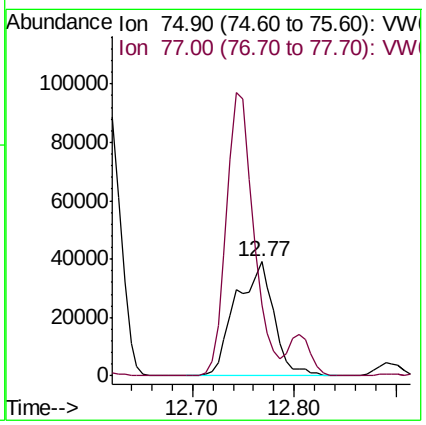


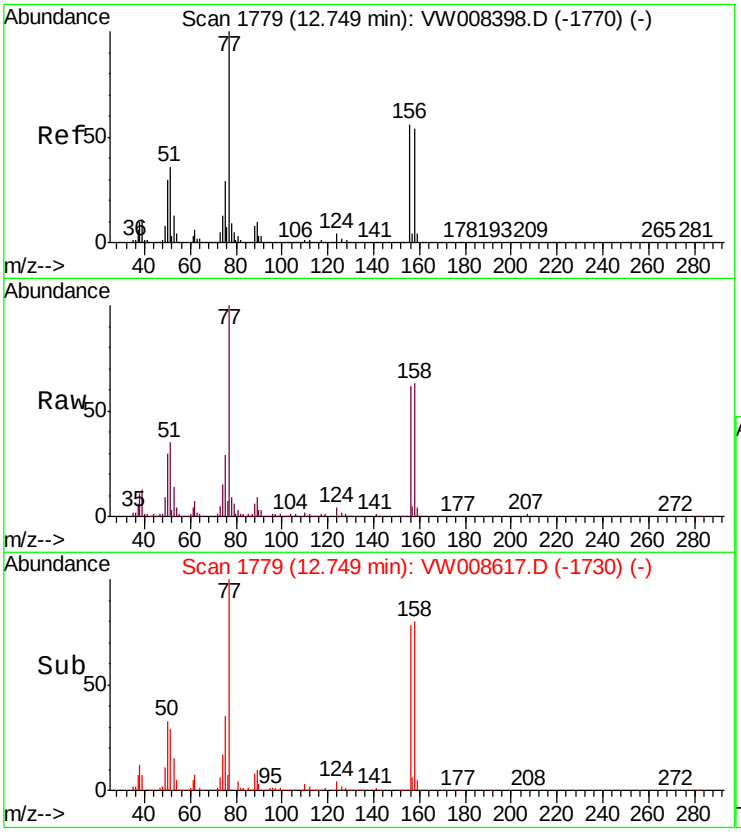


#76
1,2,3-Trichloropropane
Concen: 41.141 ug/l
RT: 12.77 min Scan# 1782
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 75 Resp: 101594

Ion	Ratio	Lower	Upper
75	100		
77	0.0	180.7	542.1#



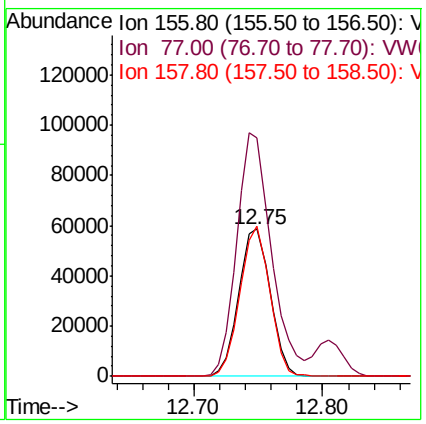


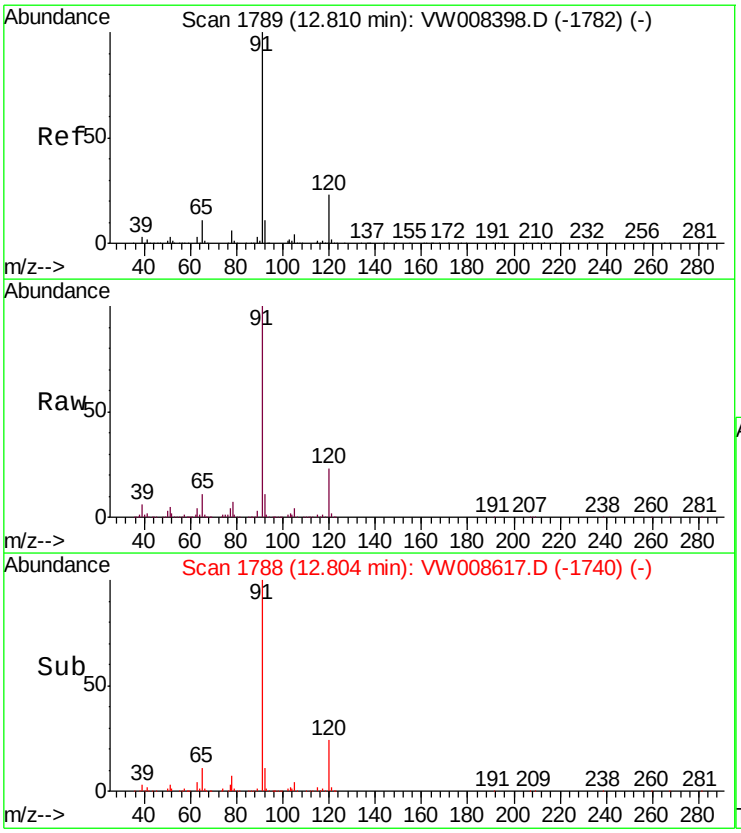
#77
Bromobenzene
Concen: 21.428 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Instrument : MSVOA_W
ClientSampleId : VW0212SBSD01

Tgt Ion:156 Resp: 99088

Ion	Ratio	Lower	Upper
156	100		
77	182.4	96.9	290.7
158	96.4	48.8	146.4





#78
n-propylbenzene
Concen: 19.846 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.01 min
Lab File: VW008617.D
Acq: 12 Feb 2019 12:45

Tgt Ion: 91 Resp: 504725

Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.4	34.1