Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061319\
Data File : VW010798.D
Acq On : 13 Jun 2019 15:22
Operator : SY/VA
Sample : K3351-01RE
Misc : 6.30G/5ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Jun 14 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	126596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	211231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	183479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	83836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	66075	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 88.56%			
35) Dibromofluoromethane	7.88	113	46794	40.81	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.62%			
50) Toluene-d8	10.32	98	191967	38.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 76.36%			
62) 4-Bromofluorobenzene	12.62	95	75025	41.01	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.02%			
Target Compounds						Qvalue
10) Methyl Iodide	4.28	142	143	4.897	ug/l #	75
11) Tert butyl alcohol	5.17	59	753	6.194	ug/l #	94
13) Acrolein	3.89	56	52	1.047	ug/l #	14
15) Acrylonitrile	5.38	53	1169	3.262	ug/l #	61
16) Acetone	4.12	43	33463	83.695	ug/l	99
18) Methyl Acetate	4.68	43	1379	1.602	ug/l #	86
20) Methylene Chloride	4.91	84	2420	1.725	ug/l	98
25) 2-Butanone	7.14	43	2653	4.785	ug/l #	89
26) 2,2-Dichloropropane	7.15	77	3354	1.522	ug/l #	55
29) Tetrahydrofuran	7.53	42	1312	3.762	ug/l #	89
31) Cyclohexane	7.95	56	4460	1.481	ug/l #	13
38) Carbon Tetrachloride	7.95	117	13080	7.008	ug/l #	18
49) 1,4-Dioxane	9.46	88	140	12.347	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	3086	2.610	ug/l	98
52) Toluene	10.39	92	13840	3.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1364	1.620	ug/l	98
59) 2-Hexanone	10.98	43	1242	1.453	ug/l	73
76) 1,2,3-Trichloropropane	12.62	75	40635	46.156	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	40635	106.081	ug/l #	5

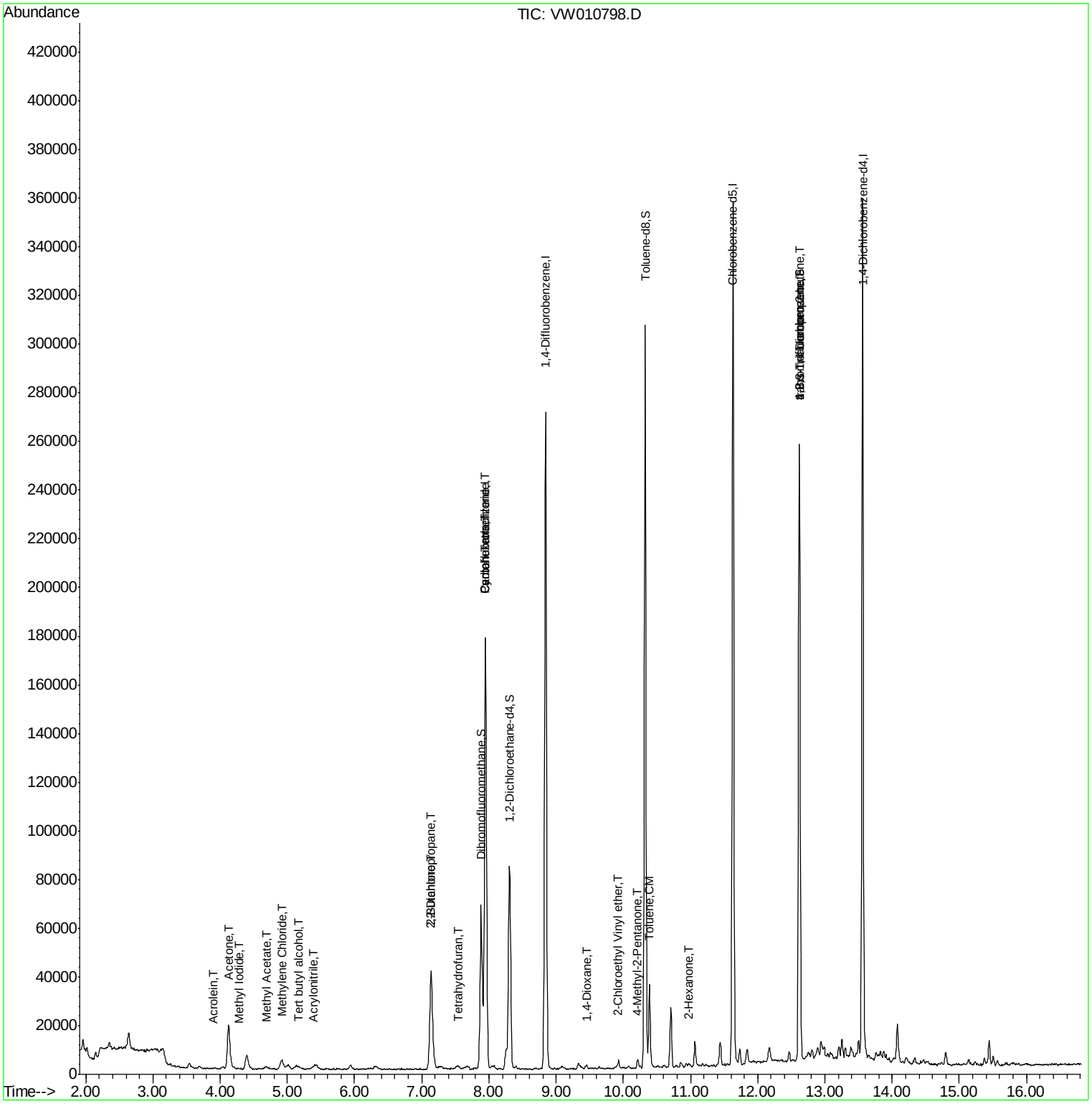
(#) = qualifier out of range (m) = manual integration (+) = signals summed

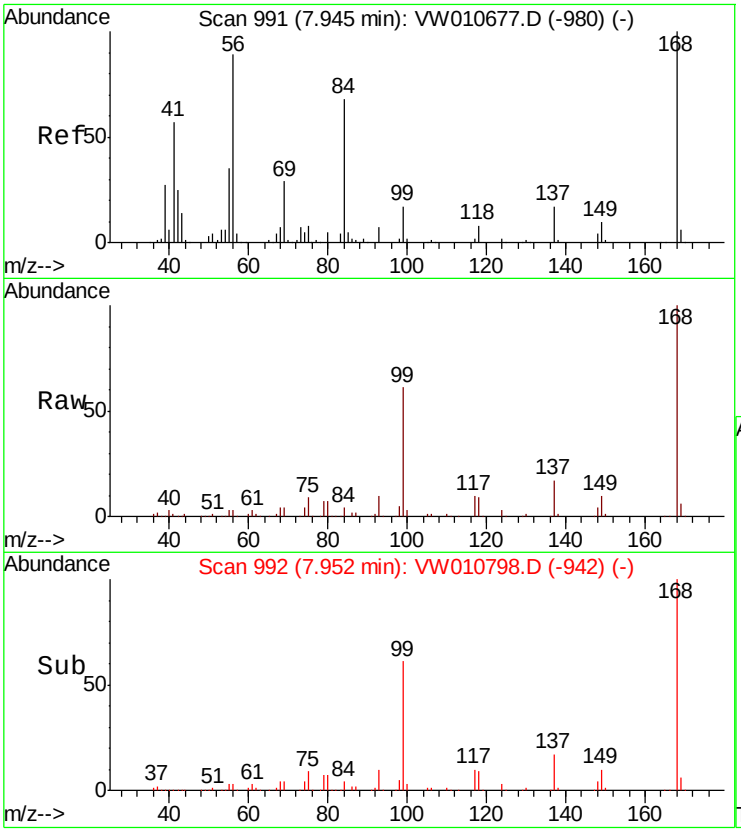
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061319\
Data File : VW010798.D
Acq On : 13 Jun 2019 15:22
Operator : SY/VA
Sample : K3351-01RE
Misc : 6.30G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 14 07:57:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 05 03:21:19 2019
Response via : Initial Calibration



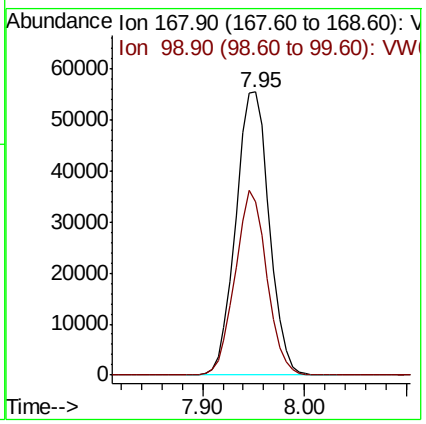


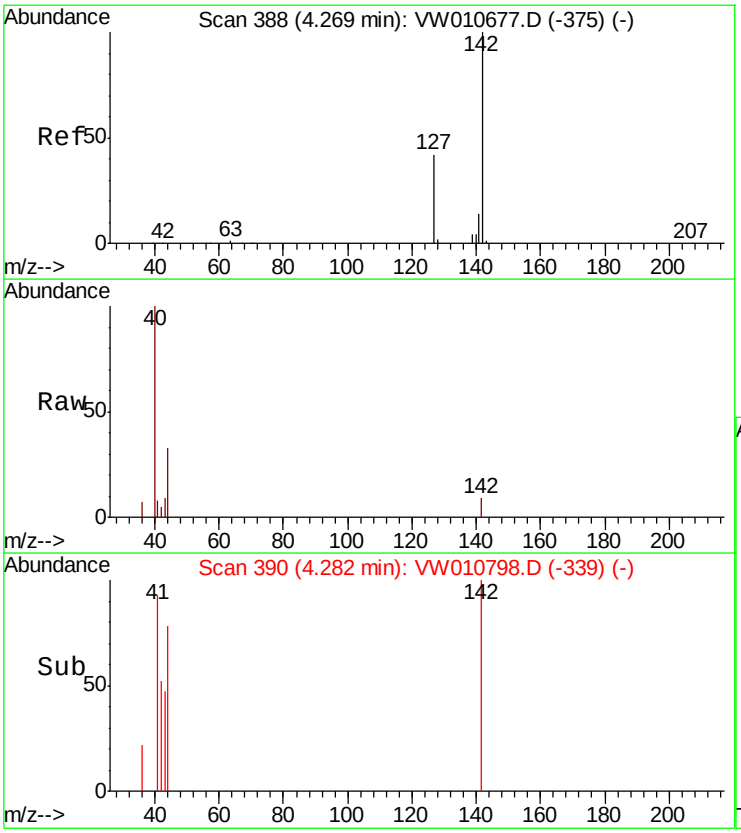
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 126596

Ion	Ratio	Lower	Upper
168	100		
99	61.3	47.7	71.5

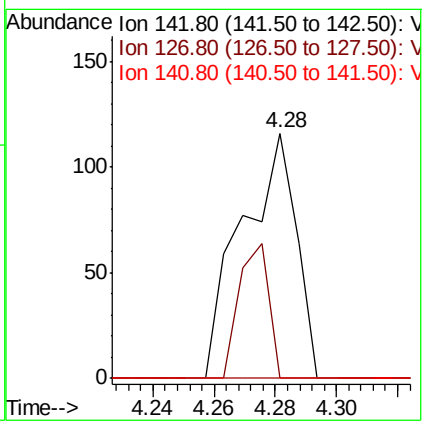


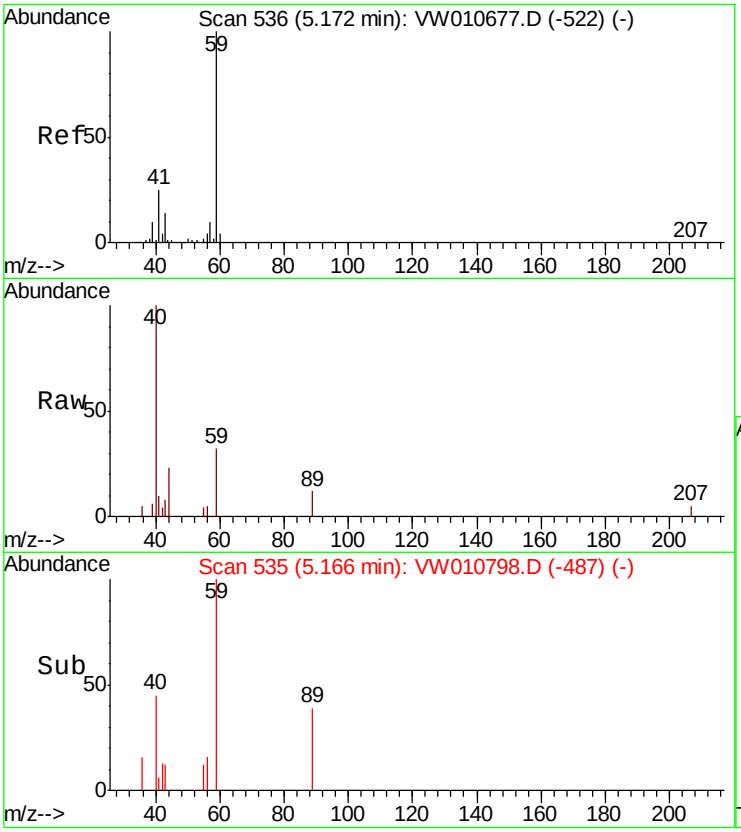


#10
Methyl Iodide
Concen: 4.897 ug/l
RT: 4.28 min Scan# 390
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion:142 Resp: 143

Ion	Ratio	Lower	Upper
142	100		
127	29.4	34.6	51.8#
141	0.0	11.6	17.4#



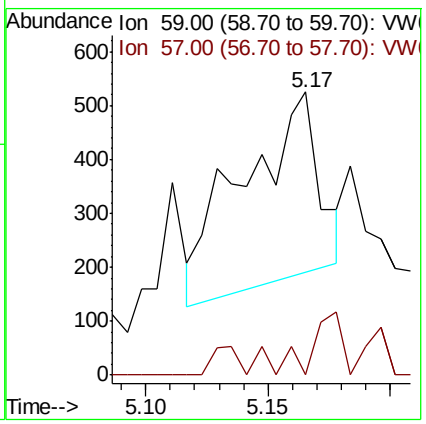


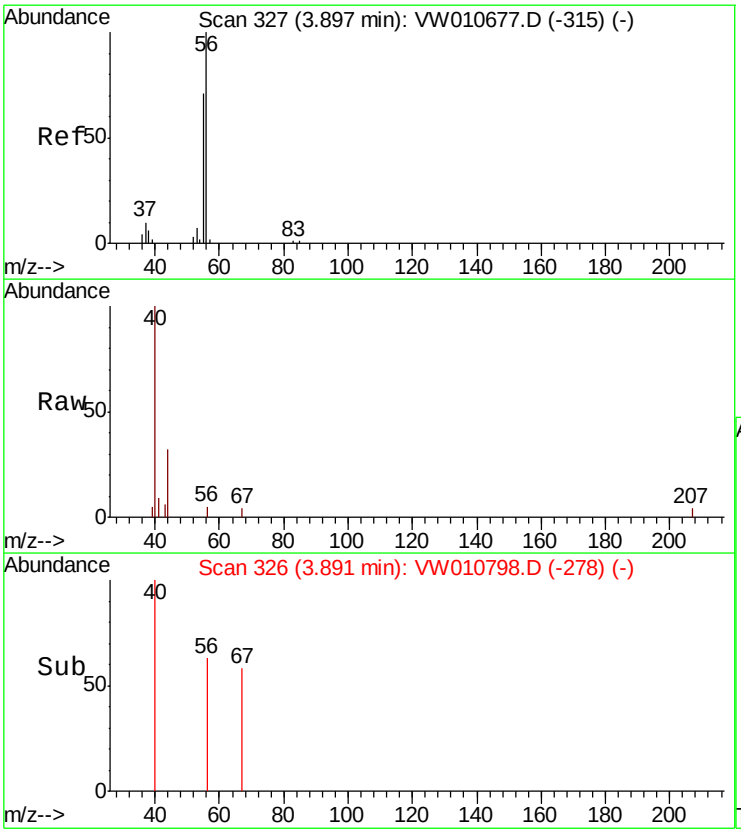
#11
Tert butyl alcohol
Concen: 6.194 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 59 Resp: 753

Ion	Ratio	Lower	Upper
59	100		
57	13.0	8.6	12.8#

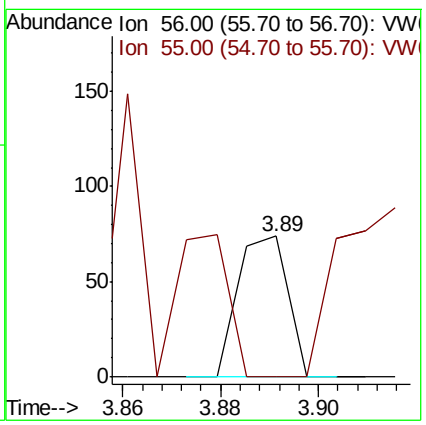


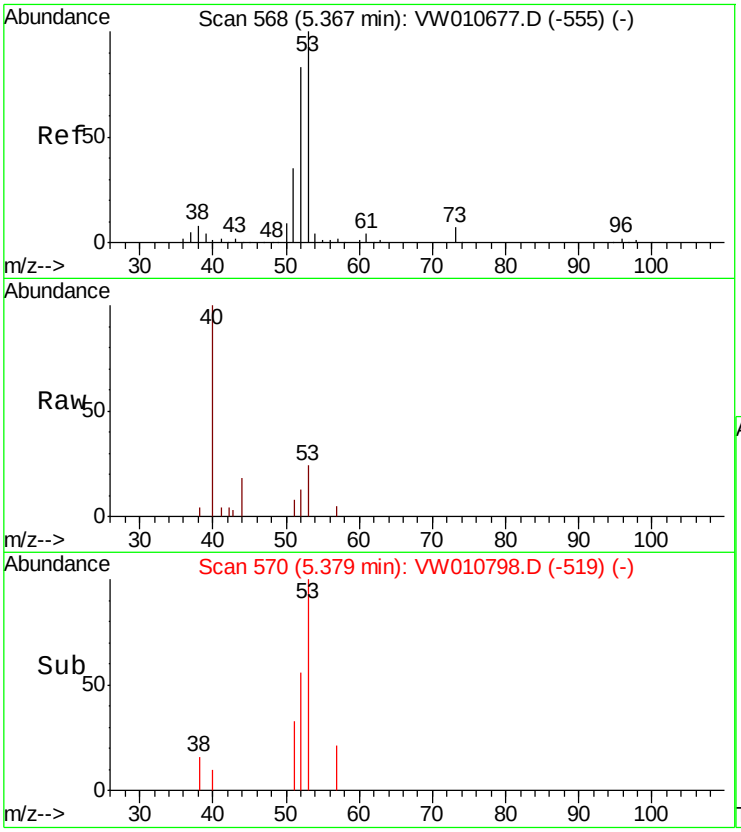


#13
Acrolein
Concen: 1.047 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 56 Resp: 52

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



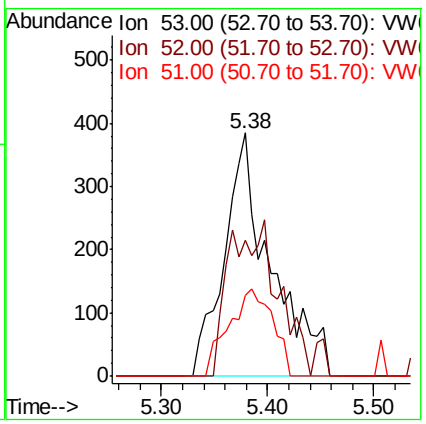


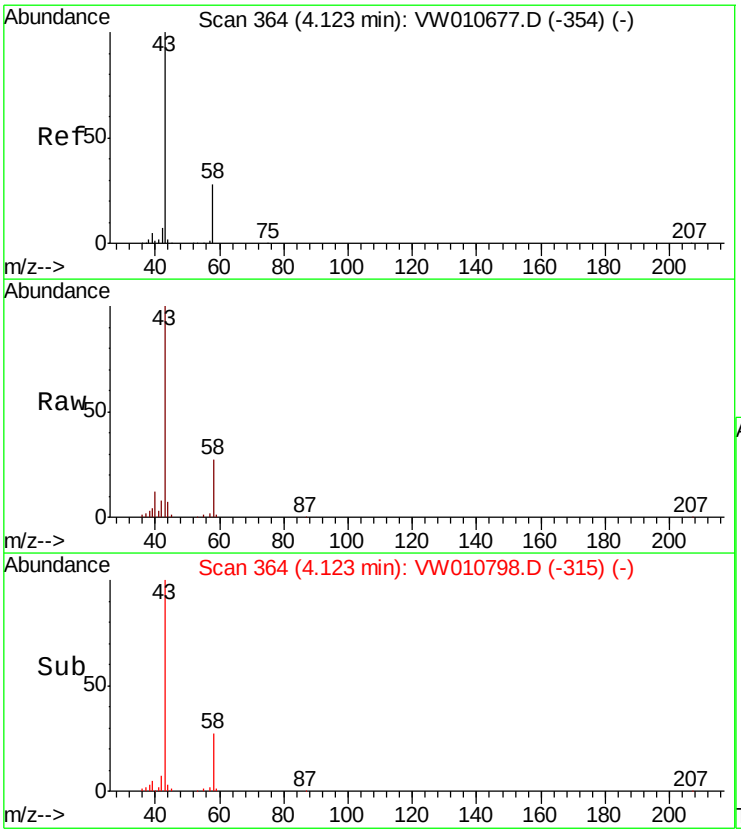
#15
Acrylonitrile
Concen: 3.262 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 53 Resp: 1169

Ion	Ratio	Lower	Upper
53	100		
52	34.3	66.6	100.0#
51	34.0	29.8	44.8

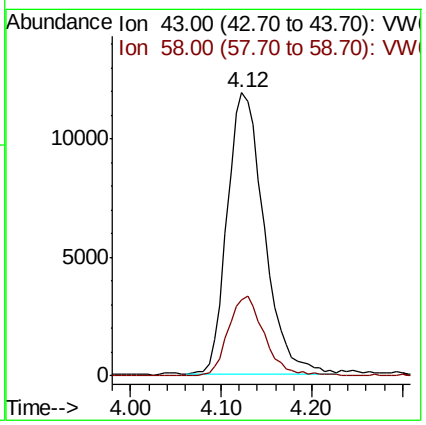


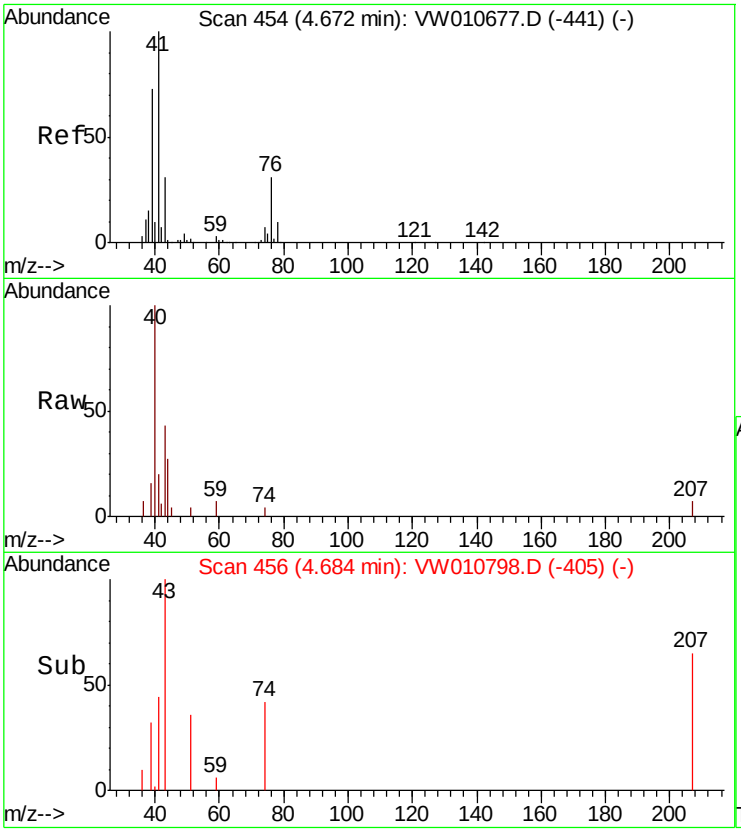


#16
Acetone
Concen: 83.695 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 43 Resp: 33463

Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1



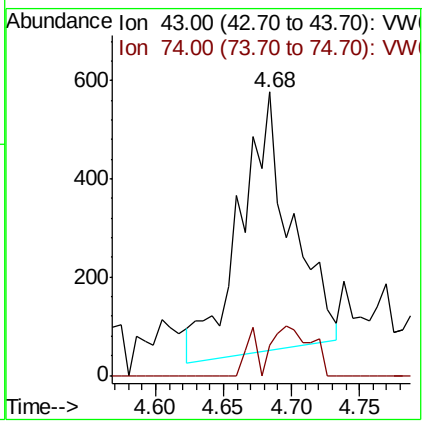


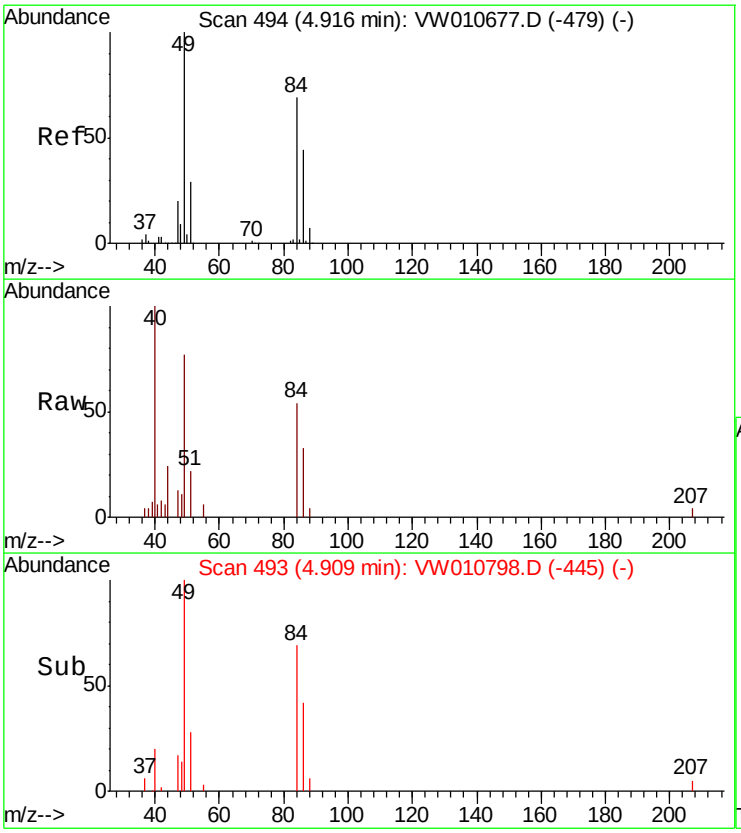
#18
Methyl Acetate
Concen: 1.602 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 1379

Ion	Ratio	Lower	Upper
43	100		
74	14.5	16.7	25.1#

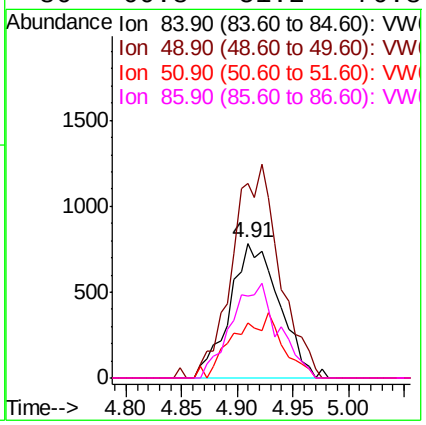


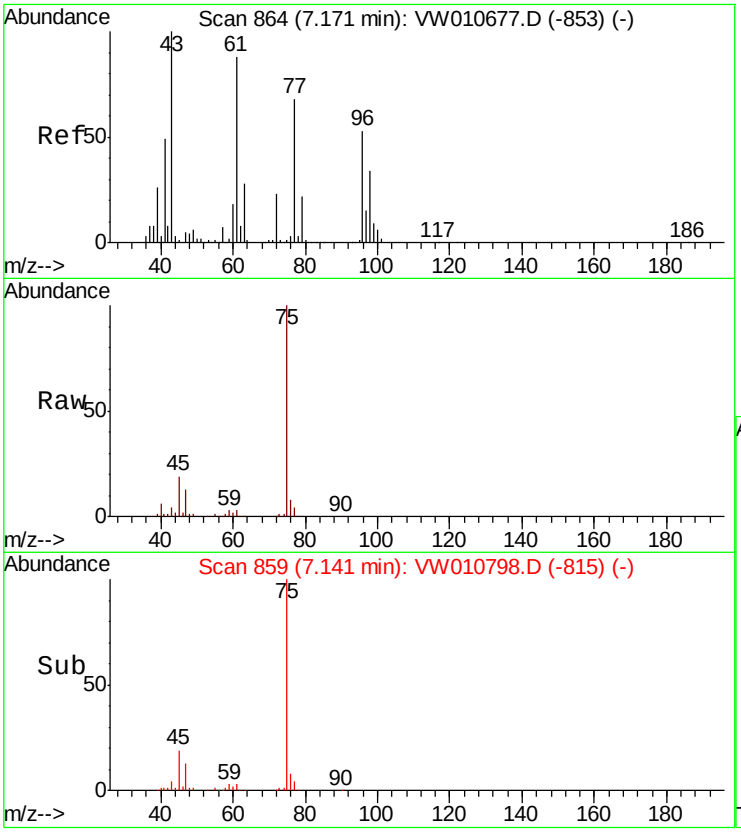


#20
Methylene Chloride
Concen: 1.725 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 84 Resp: 2420

Ion	Ratio	Lower	Upper
84	100		
49	144.3	116.7	175.1
51	41.1	34.2	51.2
86	60.8	51.2	76.8



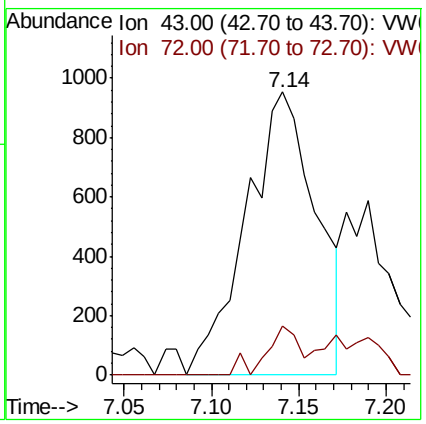


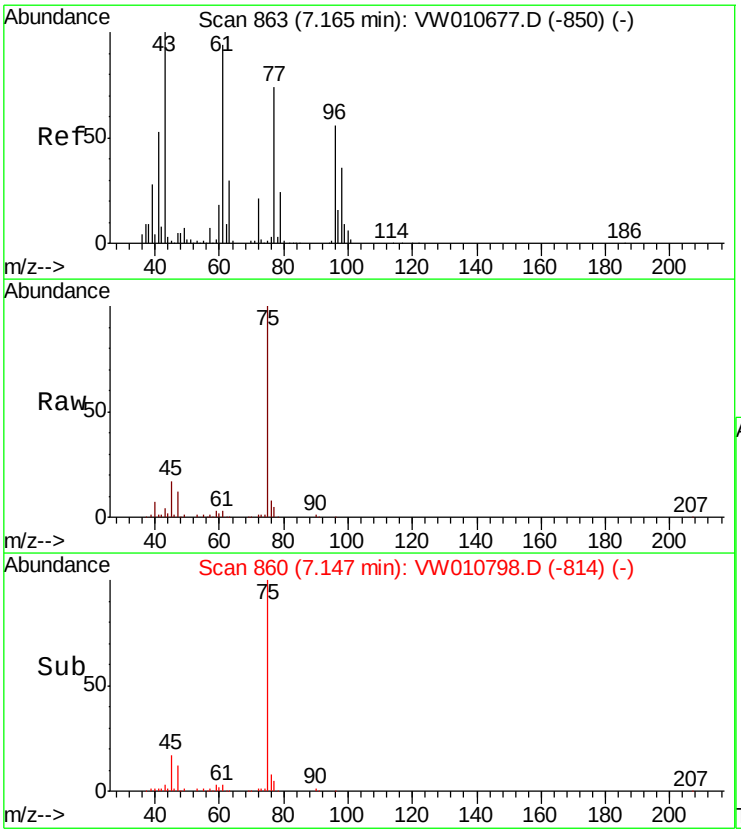
#25
2-Butanone
Concen: 4.785 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2653

Ion	Ratio	Lower	Upper
43	100		
72	17.2	18.1	27.1#

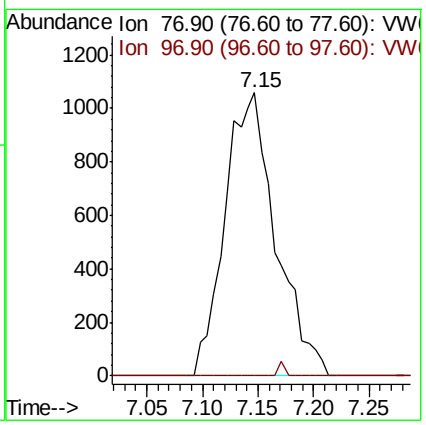


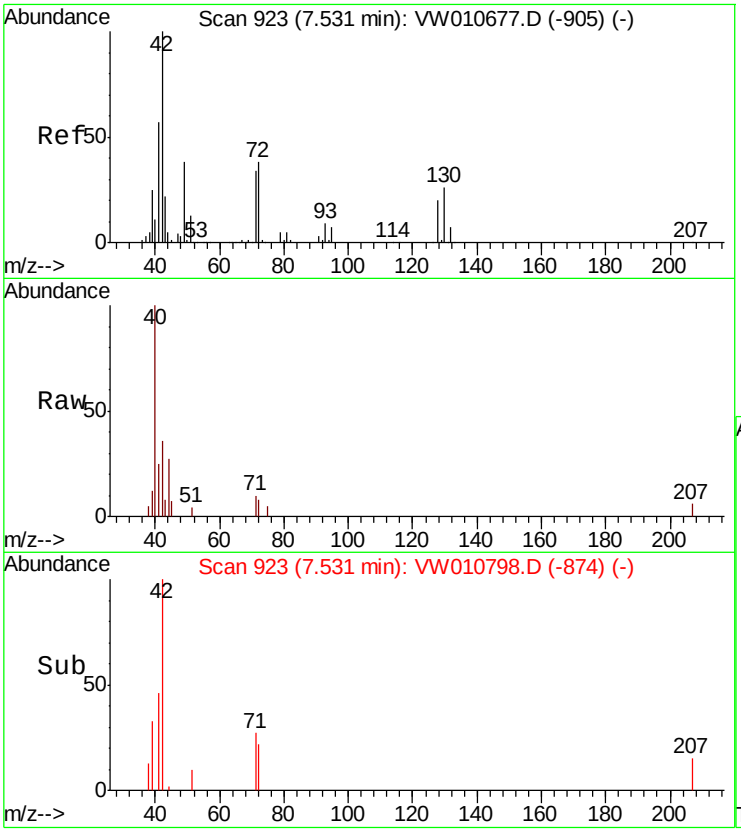


#26
2,2-Dichloropropane
Concen: 1.522 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 77 Resp: 3354

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.5	31.6#



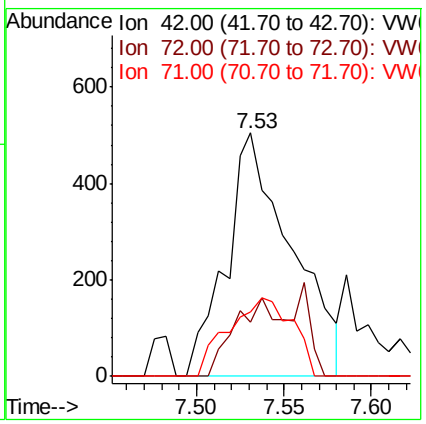


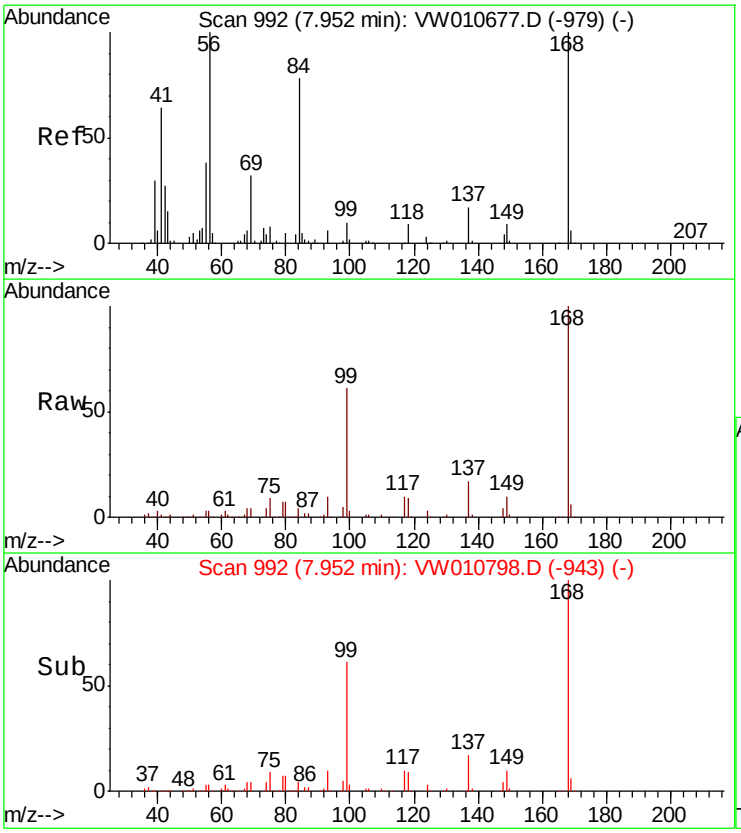
#29
Tetrahydrofuran
Concen: 3.762 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 42 Resp: 1312

Ion	Ratio	Lower	Upper
42	100		
72	25.3	28.7	43.1#
71	31.7	26.6	39.8

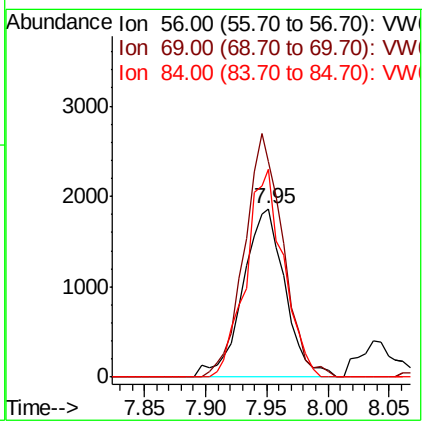


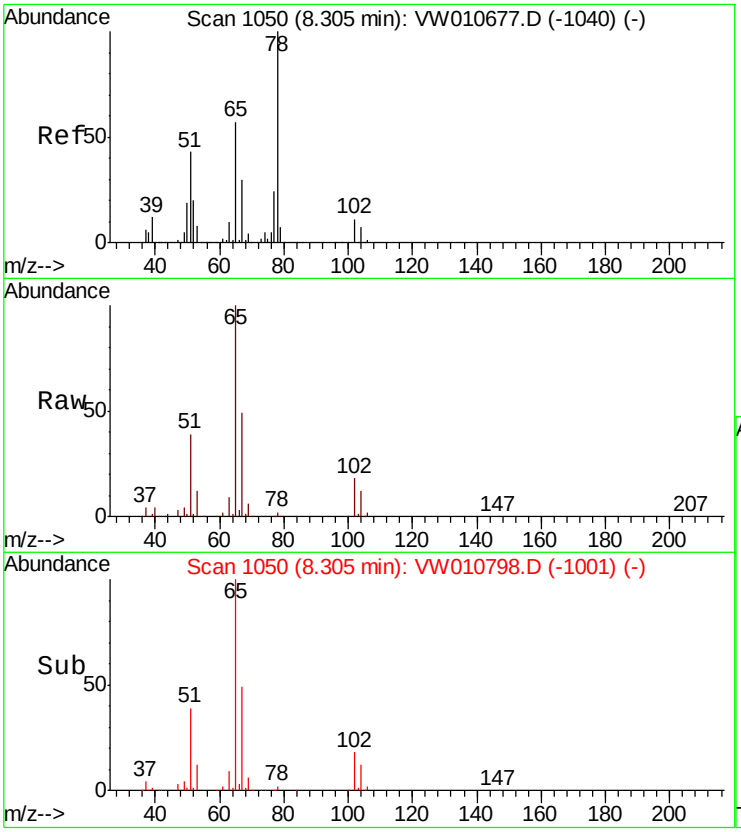


#31
Cyclohexane
Concen: 1.481 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 56 Resp: 4460

Ion	Ratio	Lower	Upper
56	100		
69	127.9	25.2	37.8#
84	123.0	62.2	93.2#



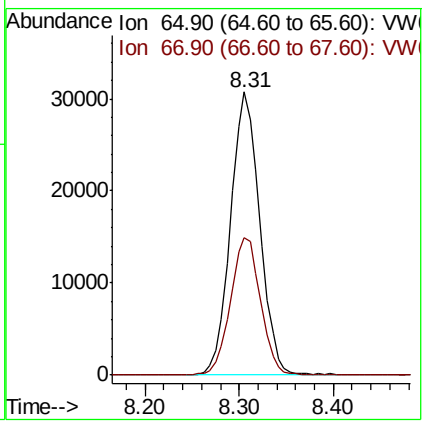


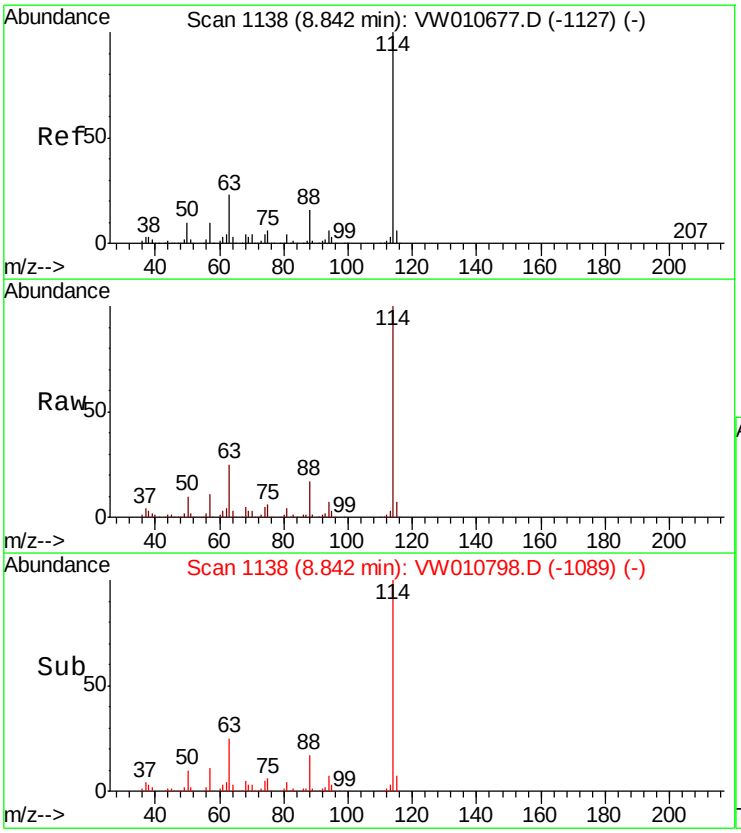
#33
1,2-Dichloroethane-d4
Concen: 44.282 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 65 Resp: 66075

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	102.6

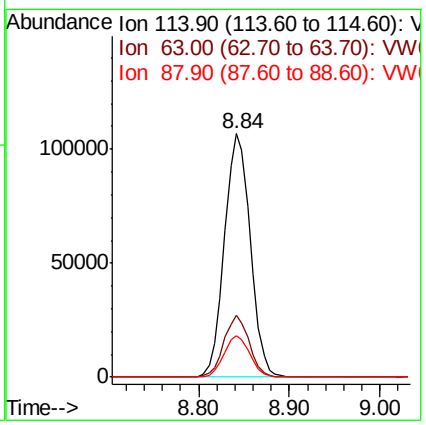


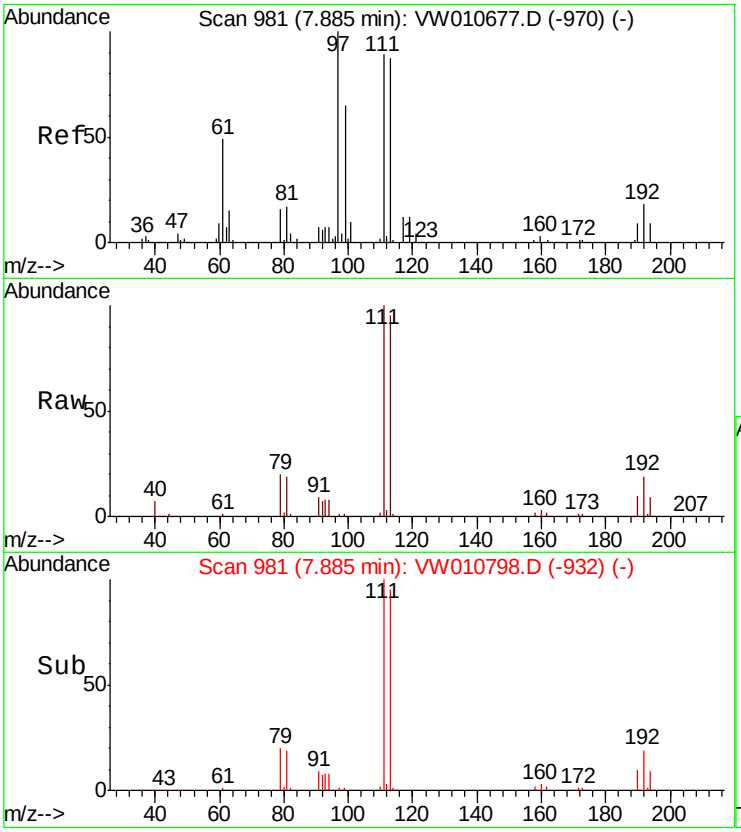


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion:114 Resp: 211231

Ion	Ratio	Lower	Upper
114	100		
63	25.2	0.0	46.4
88	16.9	0.0	32.2



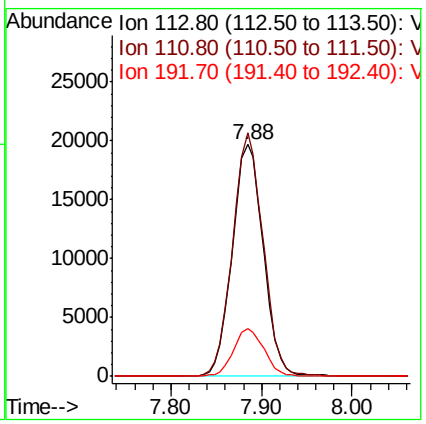


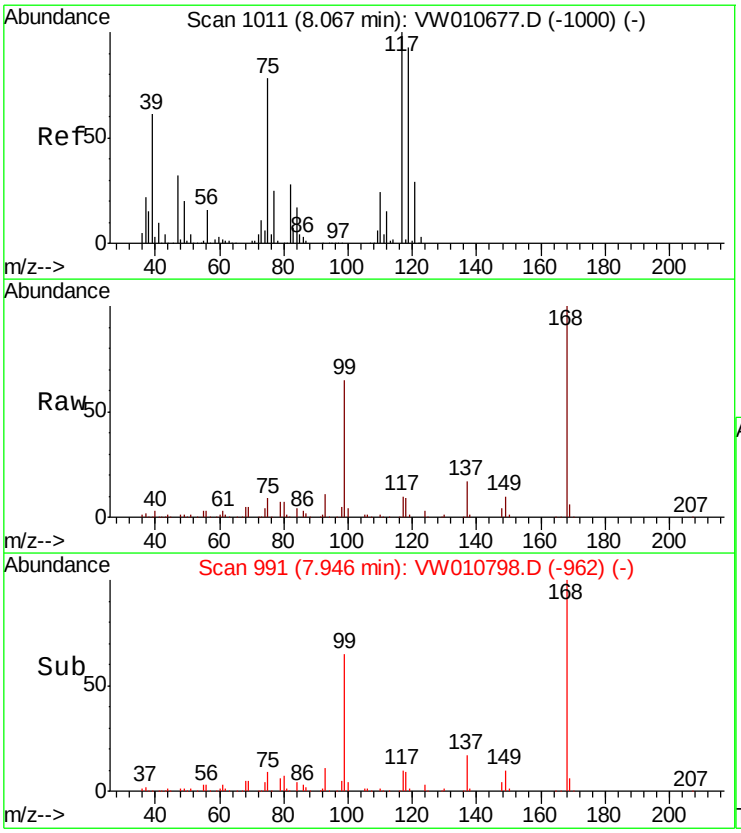
#35
Dibromofluoromethane
Concen: 40.814 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:113 Resp: 46794

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	123.8
192	20.1	16.4	24.6

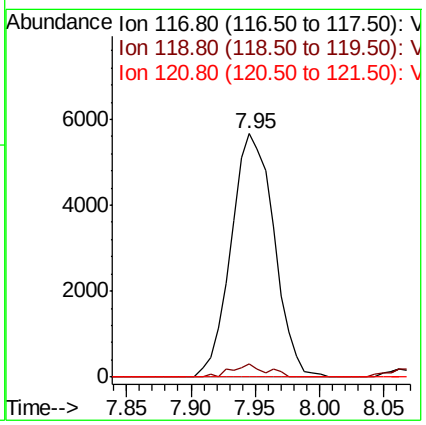


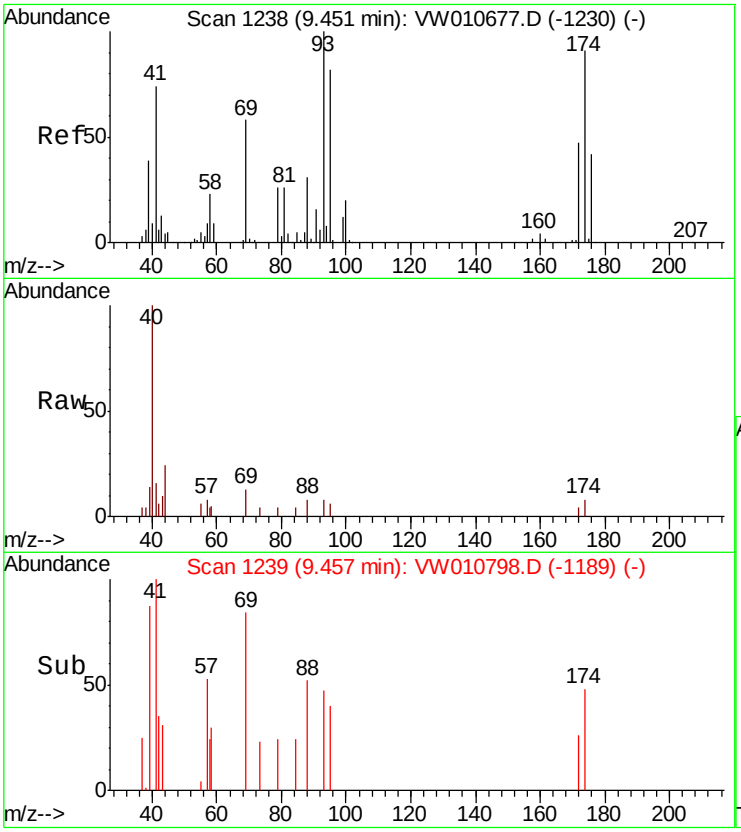


#38
Carbon Tetrachloride
Concen: 7.008 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion:117 Resp: 13080

Ion	Ratio	Lower	Upper
117	100		
119	5.3	74.2	111.4#
121	0.0	22.9	34.3#



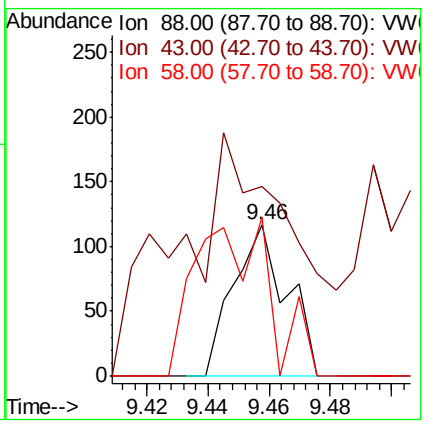


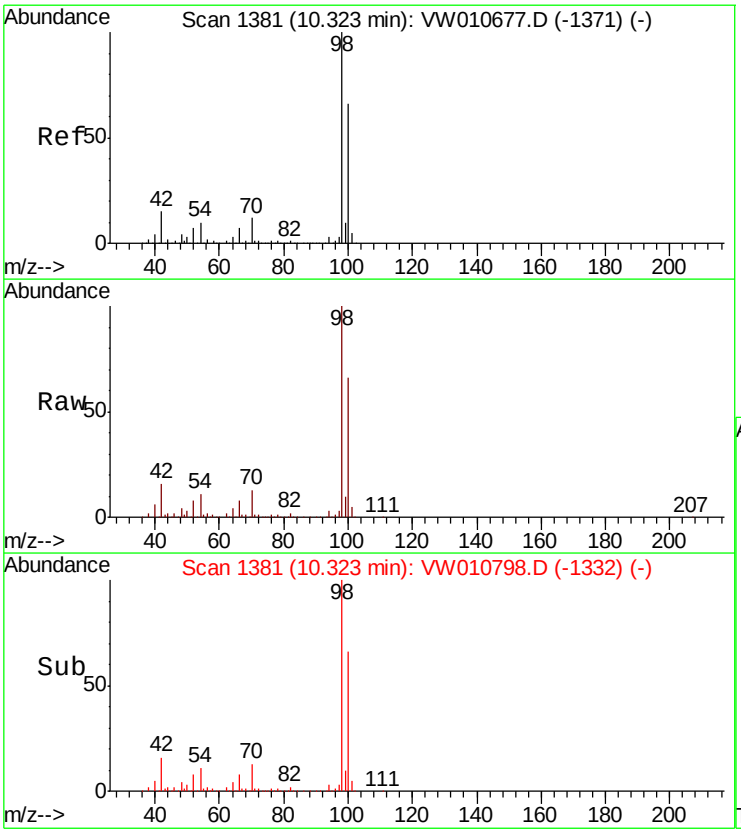
#49
1,4-Dioxane
Concen: 12.347 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 88 Resp: 140

Ion	Ratio	Lower	Upper
88	100		
43	194.3	34.2	51.4#
58	144.3	69.0	103.4#

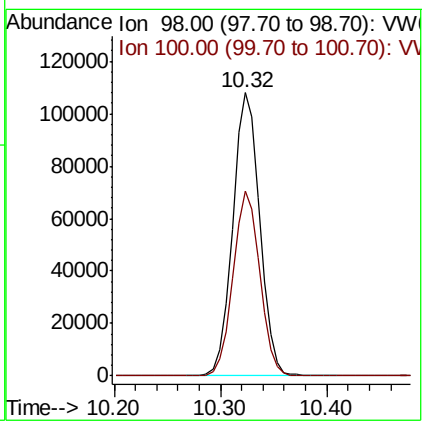


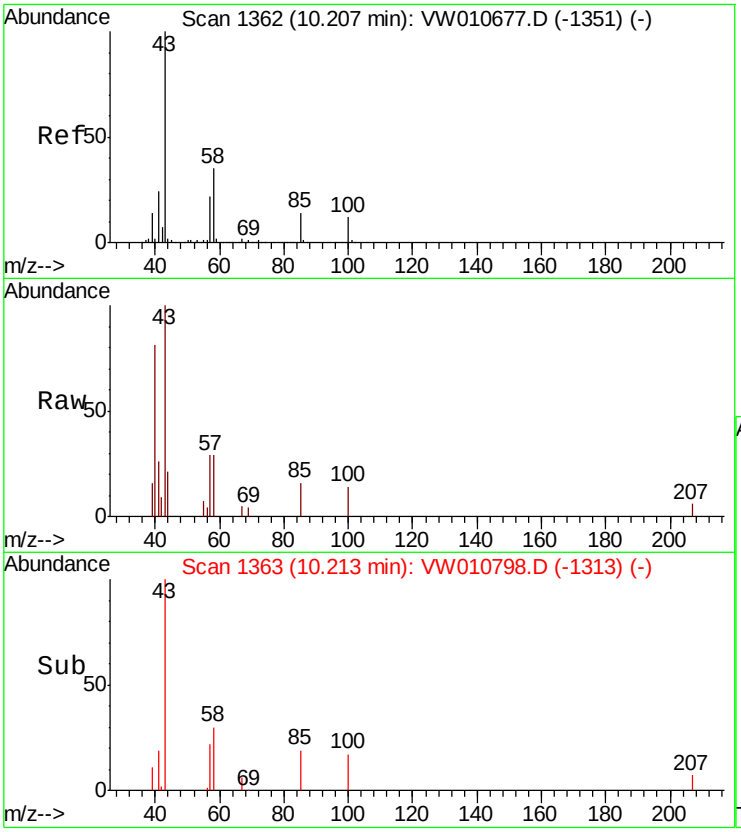


#50
Toluene-d8
Concen: 38.183 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 98 Resp: 191967

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.6



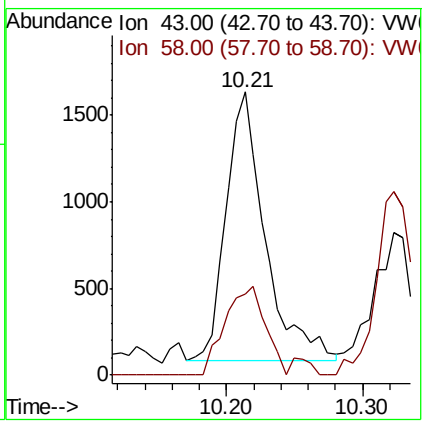


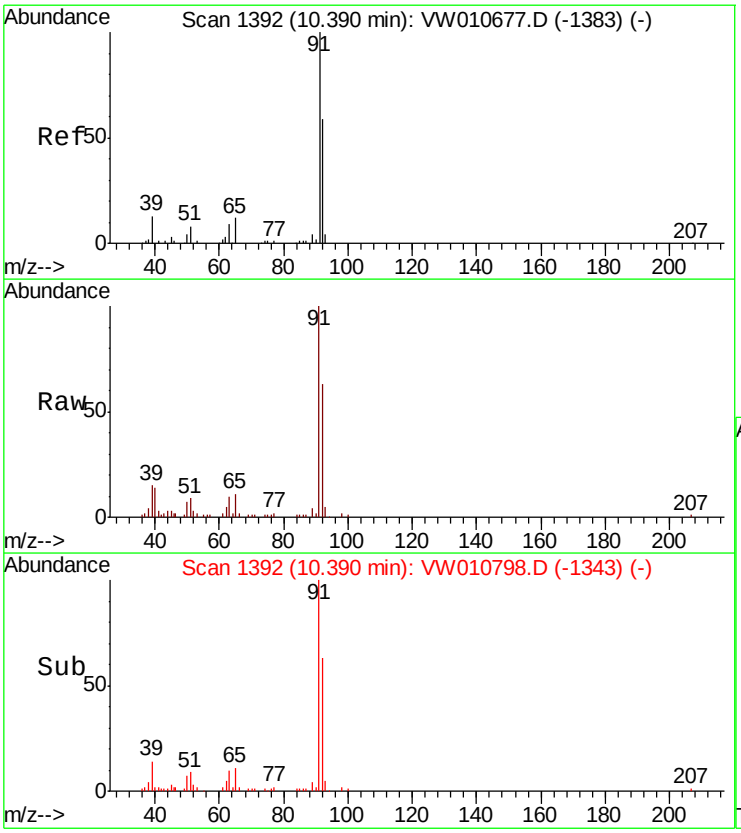
#51
4-Methyl-2-Pentanone
Concen: 2.610 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 3086

Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.4	42.6

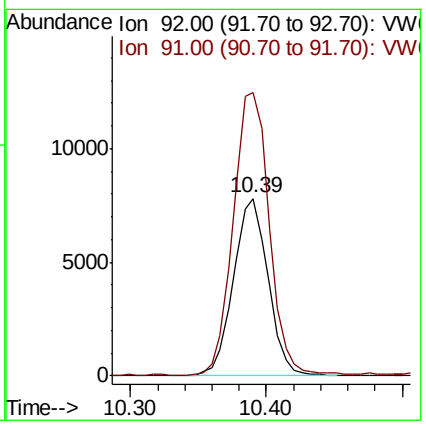


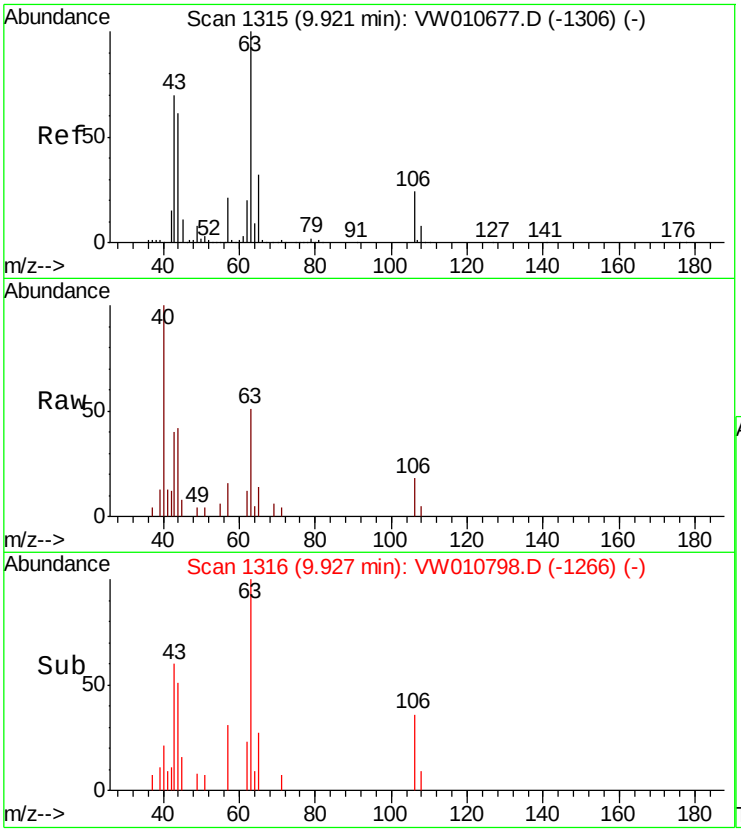


#52
Toluene
Concen: 3.813 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 92 Resp: 13840

Ion	Ratio	Lower	Upper
92	100		
91	167.7	134.9	202.3



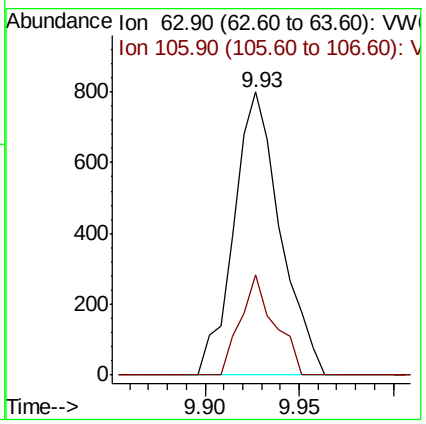


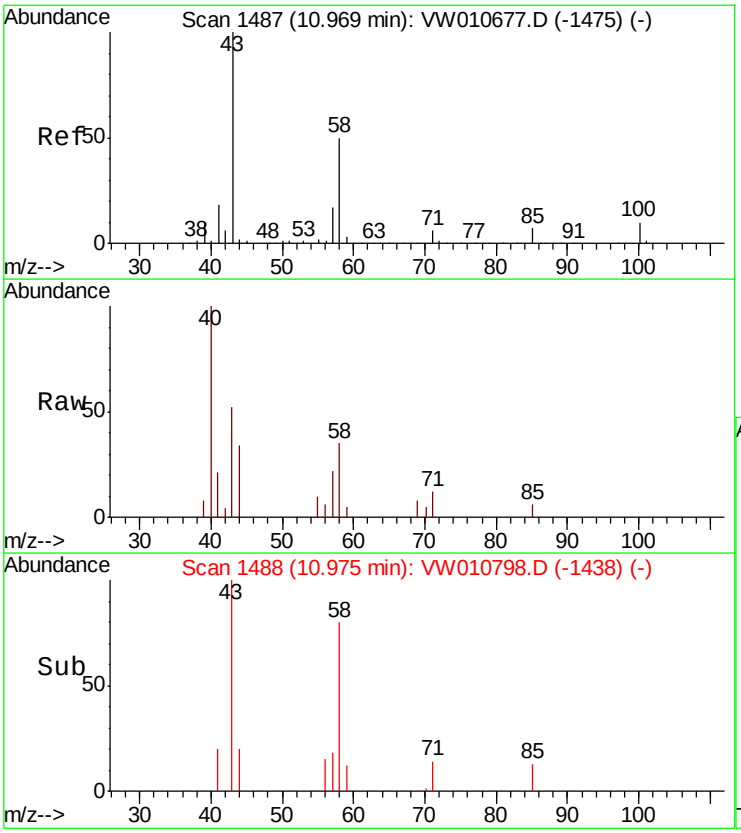
#58
2-Chloroethyl Vinyl ether
Concen: 1.620 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 1364

Ion	Ratio	Lower	Upper
63	100		
106	26.1	20.1	30.1

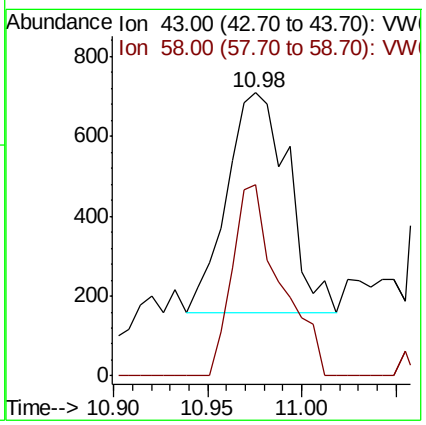


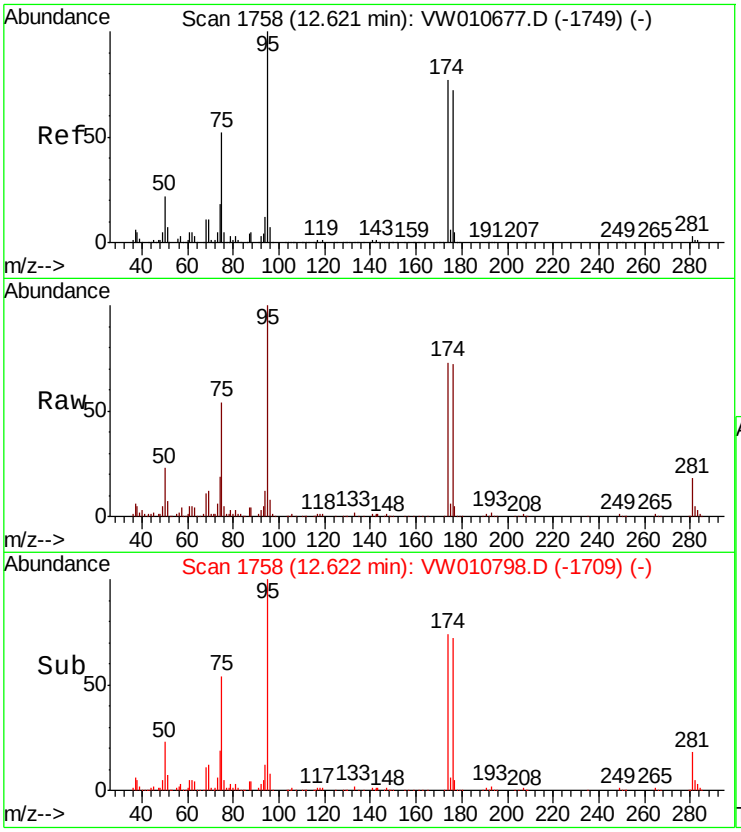


#59
2-Hexanone
Concen: 1.453 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 43 Resp: 1242

Ion	Ratio	Lower	Upper
43	100		
58	68.4	24.9	74.6



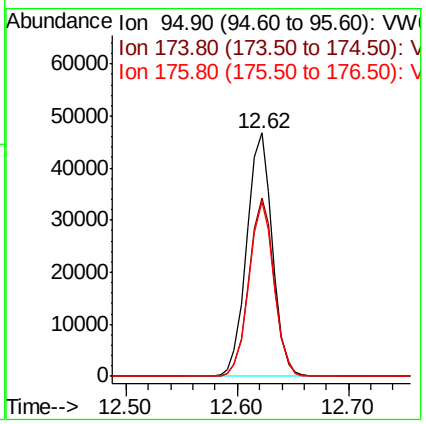


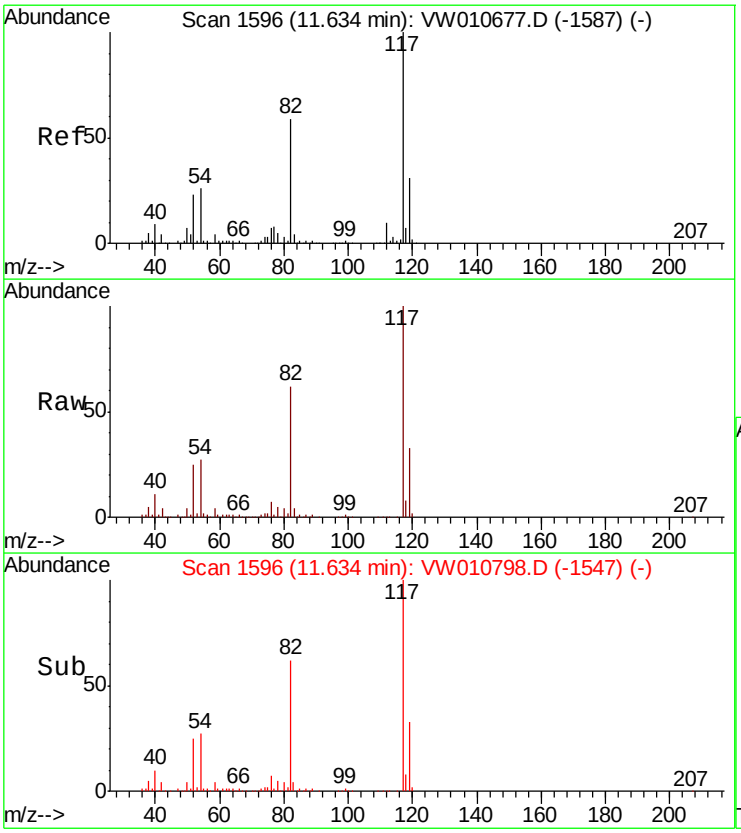
#62
4-Bromofluorobenzene
Concen: 41.009 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 75025

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	150.4
176	69.9	0.0	144.8

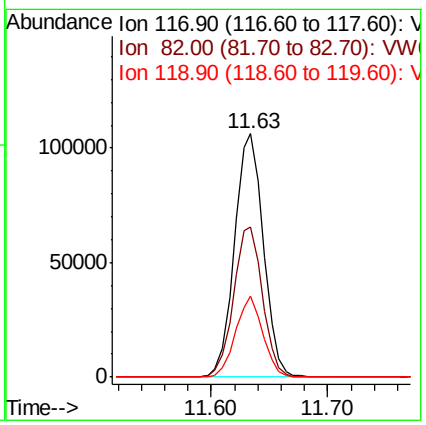


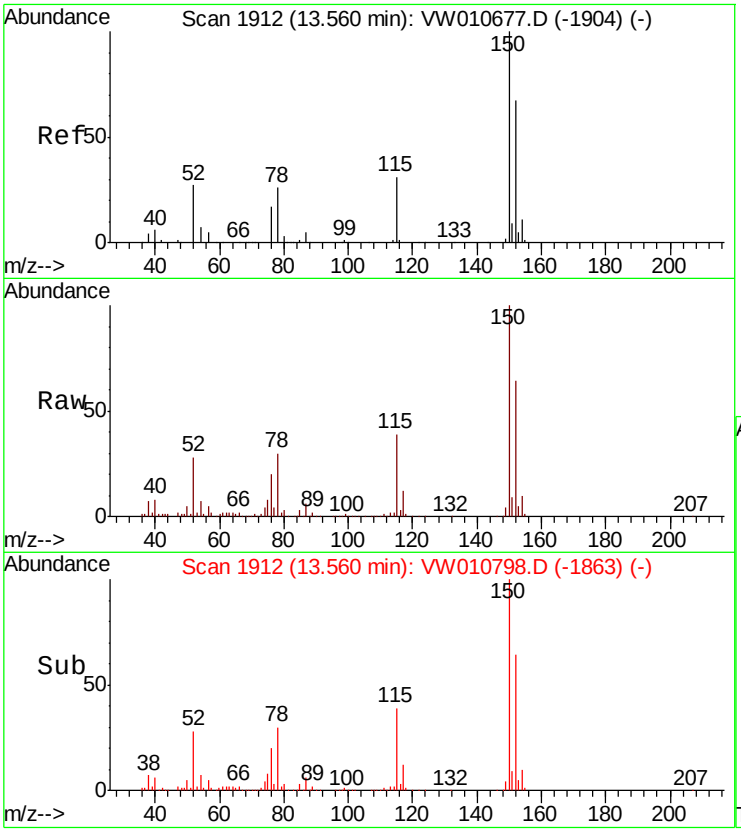


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion:117 Resp: 183479

Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.0	70.4
119	33.3	25.1	37.7



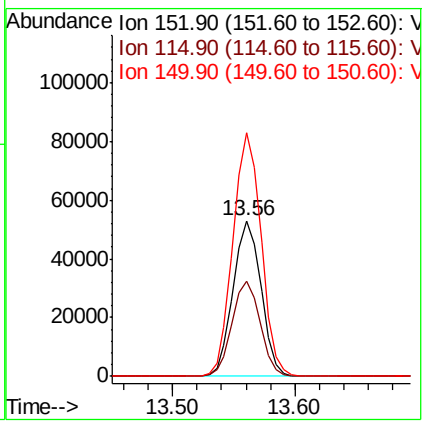


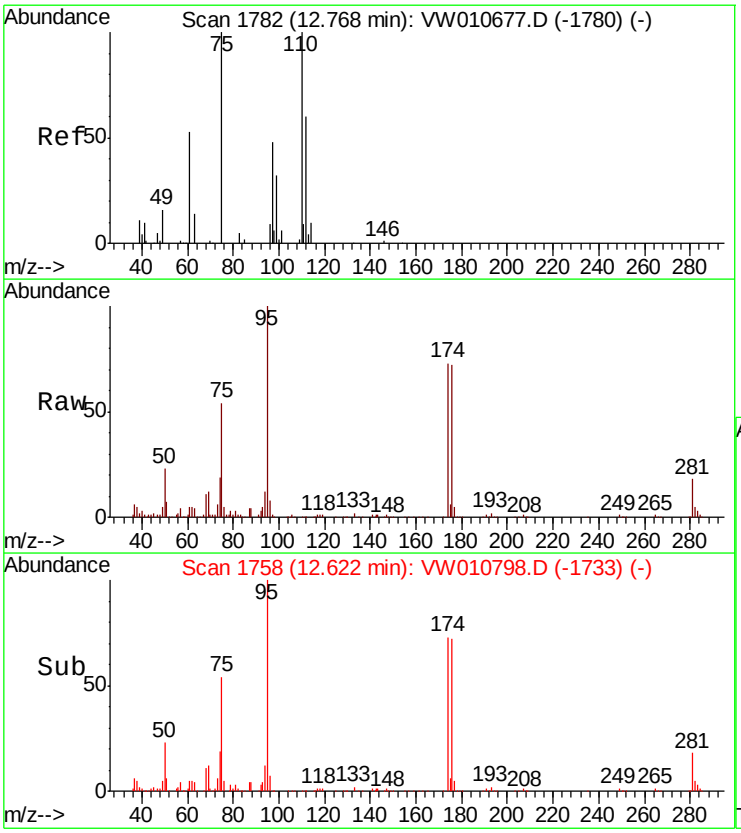
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:152 Resp: 83836

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.8	89.3
150	157.2	0.0	345.0

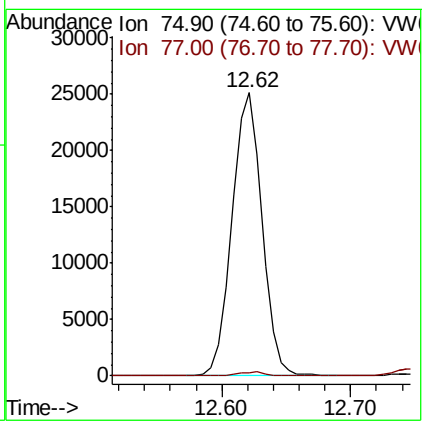


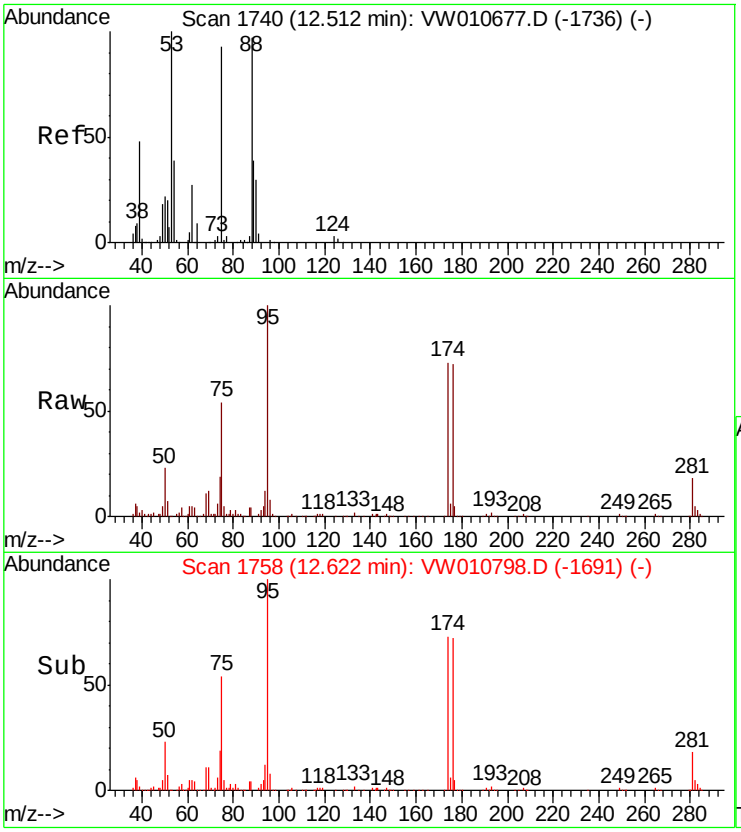


#76
1,2,3-Trichloropropane
Concen: 46.156 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Tgt Ion: 75 Resp: 40635

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.081 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010798.D
Acq: 13 Jun 2019 15:22

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 40635

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.1	135.1#
89	0.1	34.6	52.0#