Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033119\
Data File : VW009620.D
Acq On : 31 Mar 2019 19:30
Operator : SY/VA
Sample : K2138-19
Misc : 5.19G/5.0ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Apr 01 04:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	256857	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	427969	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	386759	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177925	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	120502	41.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 82.06%				
35) Dibromofluoromethane	7.88	113	99136	36.88	ug/l		0.00
Spiked Amount 50.000			Recovery = 73.76%				
50) Toluene-d8	10.32	98	333027	33.52	ug/l		0.00
Spiked Amount 50.000			Recovery = 67.04%				
62) 4-Bromofluorobenzene	12.62	95	106766	28.81	ug/l		0.00
Spiked Amount 50.000			Recovery = 57.62%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.17	59	1778	10.440	ug/l		97
13) Acrolein	3.87	56	163	1.305	ug/l	#	15
16) Acetone	4.12	43	20072	30.394	ug/l		93
18) Methyl Acetate	4.66	43	2164	1.356	ug/l	#	78
20) Methylene Chloride	4.92	84	103023	38.904	ug/l		91
25) 2-Butanone	7.18	43	4954	5.429	ug/l		94
29) Tetrahydrofuran	7.54	42	781	1.378	ug/l	#	62
31) Cyclohexane	7.94	56	7196	1.489	ug/l	#	24
36) 1,1-Dichloropropene	7.95	75	22352	5.049	ug/l	#	51
37) Ethyl Acetate	7.18	43	4954	2.356	ug/l	#	78
38) Carbon Tetrachloride	7.95	117	27364	6.033	ug/l	#	19
41) Methacrylonitrile	7.51	41	246	4.087	ug/l	#	39
49) 1,4-Dioxane	9.61	88	50	2.019	ug/l	#	31
52) Toluene	10.38	92	19624	2.613	ug/l		99
56) Ethyl methacrylate	10.68	69	71	3.818	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	9.93	63	68	17.059	ug/l	#	46
76) 1,2,3-Trichloropropane	12.62	75	60738	36.301	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	60738	84.417	ug/l	#	7
95) Naphthalene	15.38	128	474	2.787	ug/l	#	69

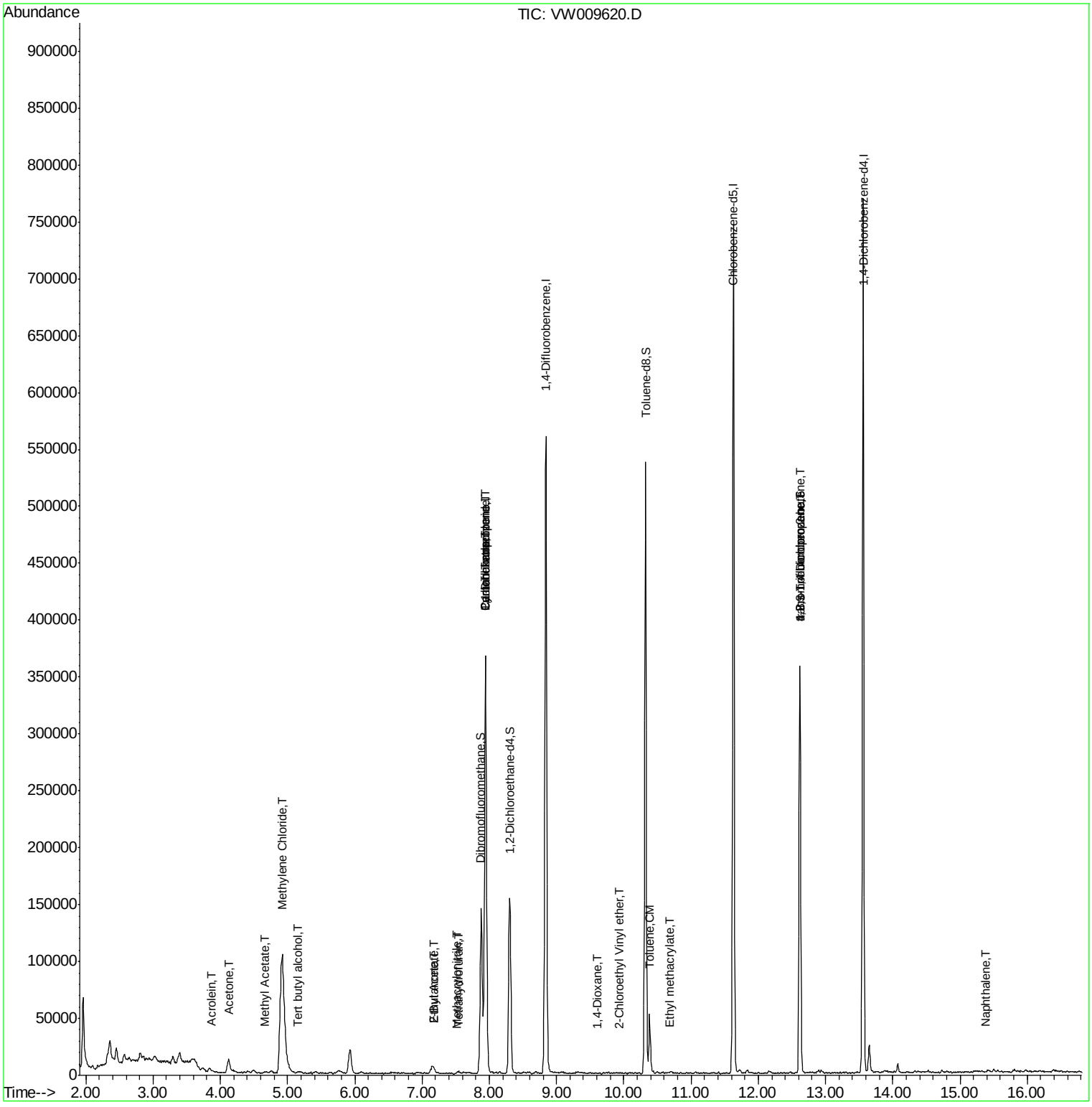
(#) = qualifier out of range (m) = manual integration (+) = signals summed

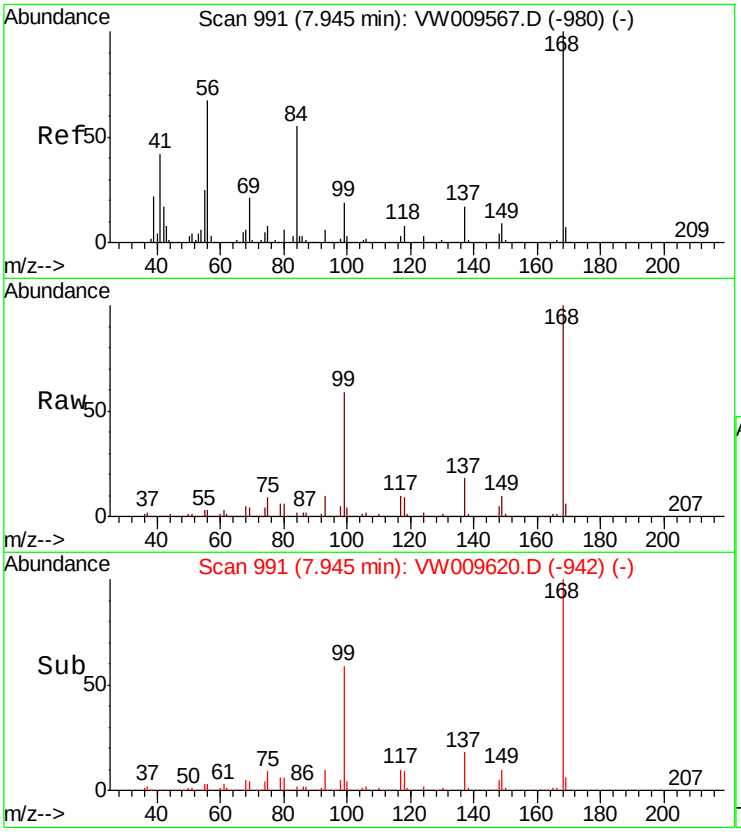
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033119\
Data File : VW009620.D
Acq On : 31 Mar 2019 19:30
Operator : SY/VA
Sample : K2138-19
Misc : 5.19G/5.0ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Apr 01 04:57:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 29 13:24:53 2019
Response via : Initial Calibration



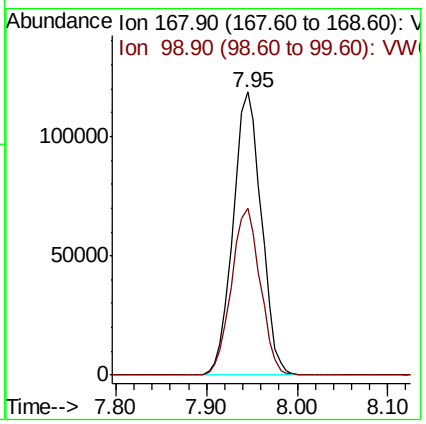


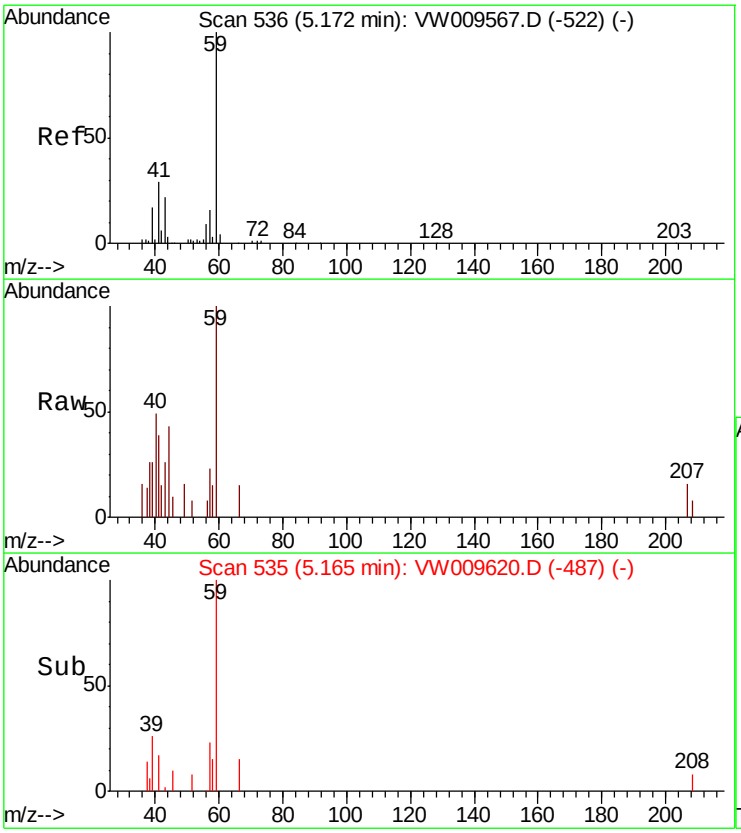
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 256857

Ion	Ratio	Lower	Upper
168	100		
99	58.8	45.4	68.0

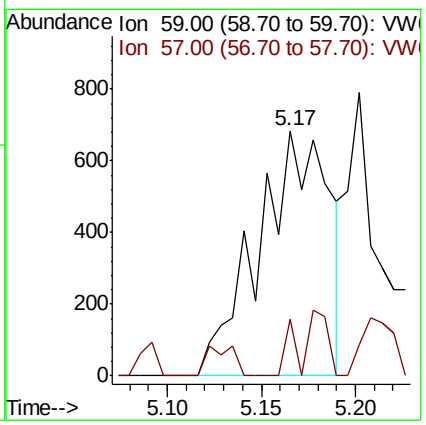


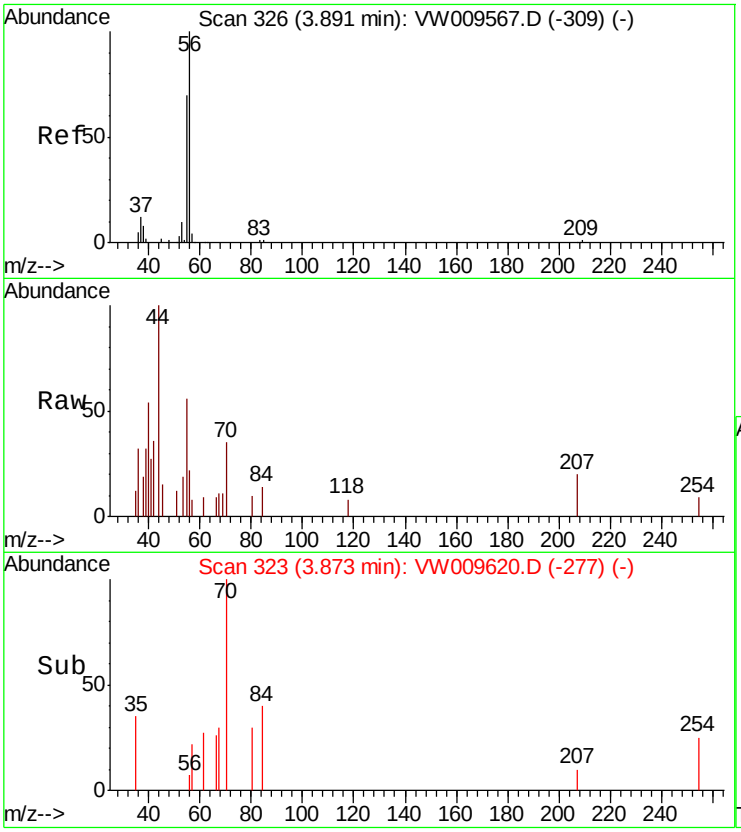


#11
Tert butyl alcohol
Concen: 10.440 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 59 Resp: 1778

Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.4	14.0



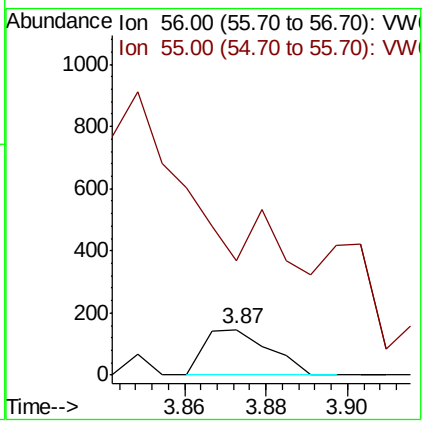


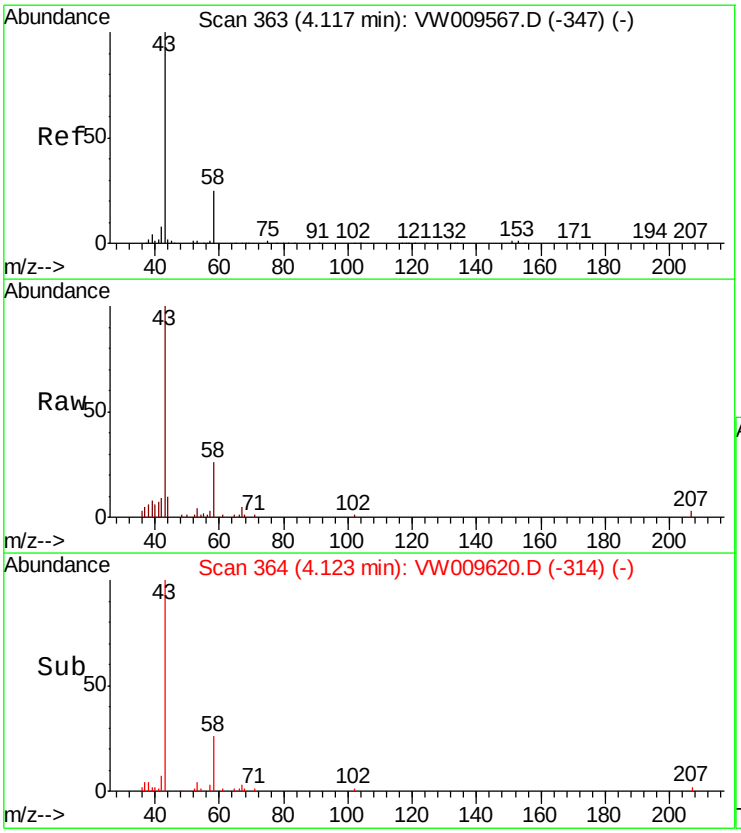
#13
Acrolein
Concen: 1.305 ug/l
RT: 3.87 min Scan# 323
Delta R.T. -0.02 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 163

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.2	82.8#

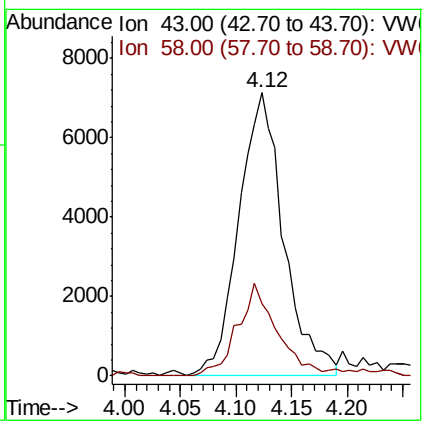


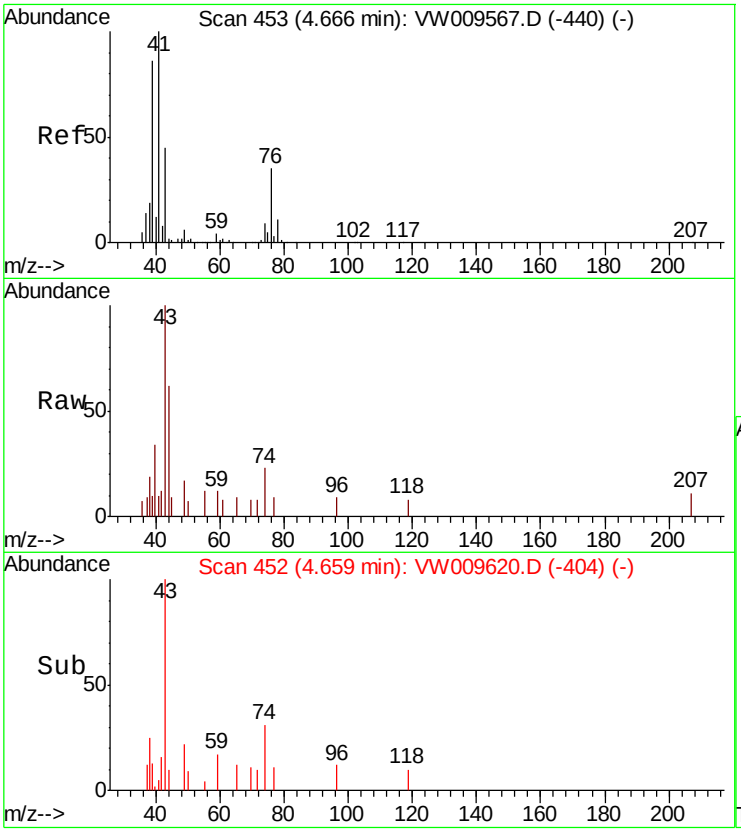


#16
Acetone
Concen: 30.394 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 43 Resp: 20072

Ion	Ratio	Lower	Upper
43	100		
58	25.6	23.6	35.4



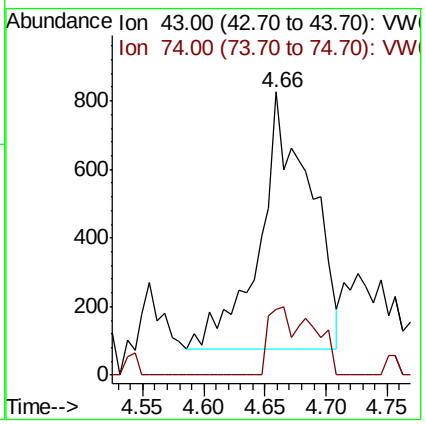


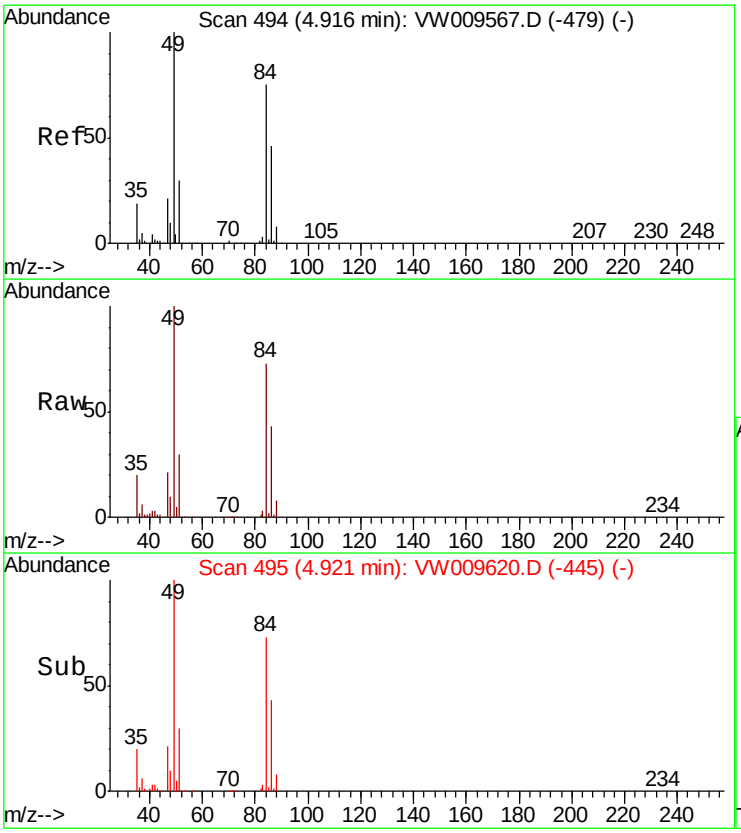
#18
Methyl Acetate
Concen: 1.356 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2164

Ion	Ratio	Lower	Upper
43	100		
74	11.4	17.7	26.5#

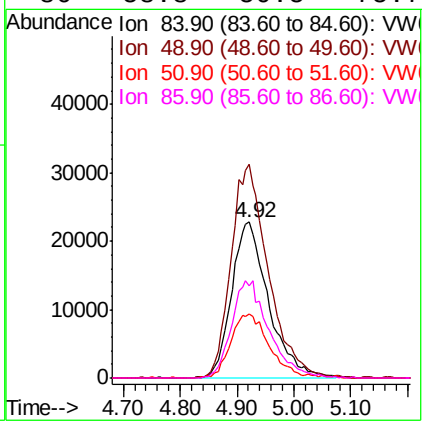


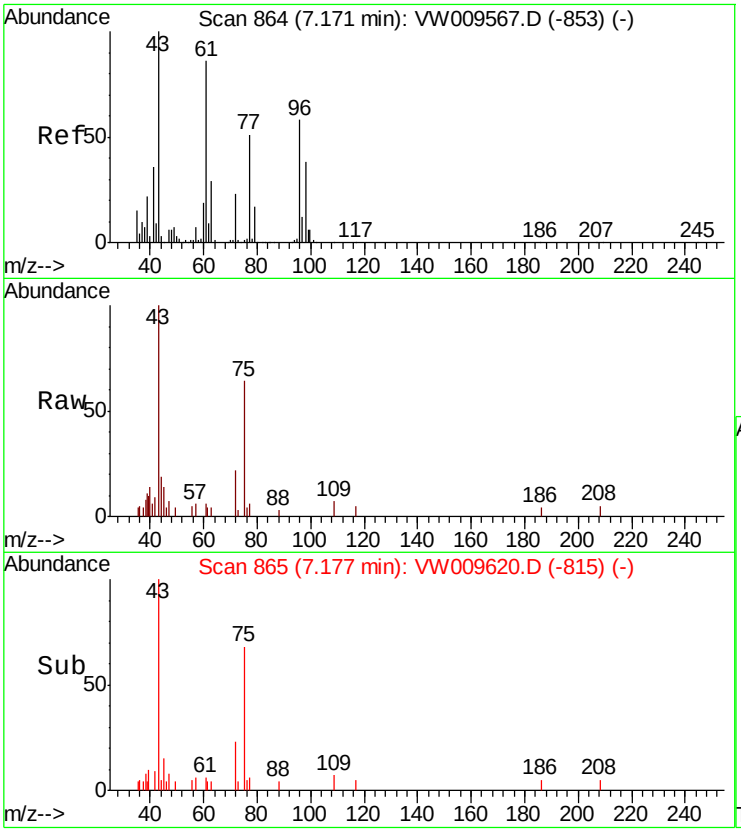


#20
Methylene Chloride
Concen: 38.904 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 84 Resp: 103023

Ion	Ratio	Lower	Upper
84	100		
49	136.9	99.1	148.7
51	40.6	28.7	43.1
86	58.8	50.5	75.7



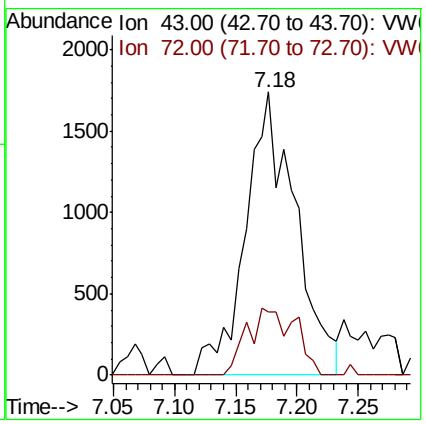


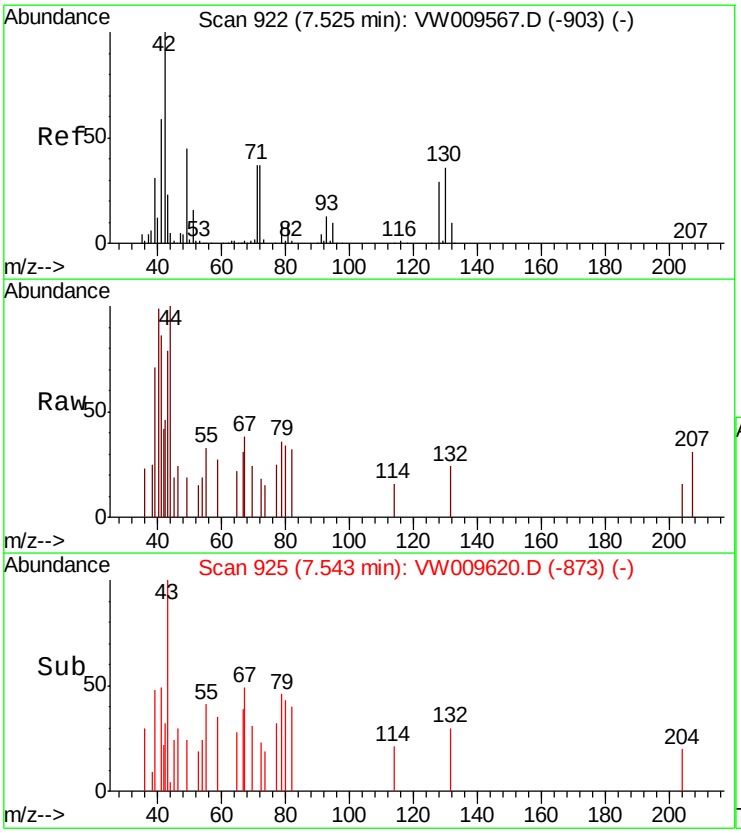
#25
2-Butanone
Concen: 5.429 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 4954

Ion	Ratio	Lower	Upper
43	100		
72	22.2	20.0	30.0

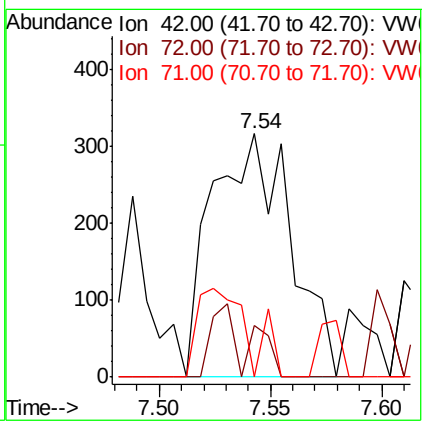


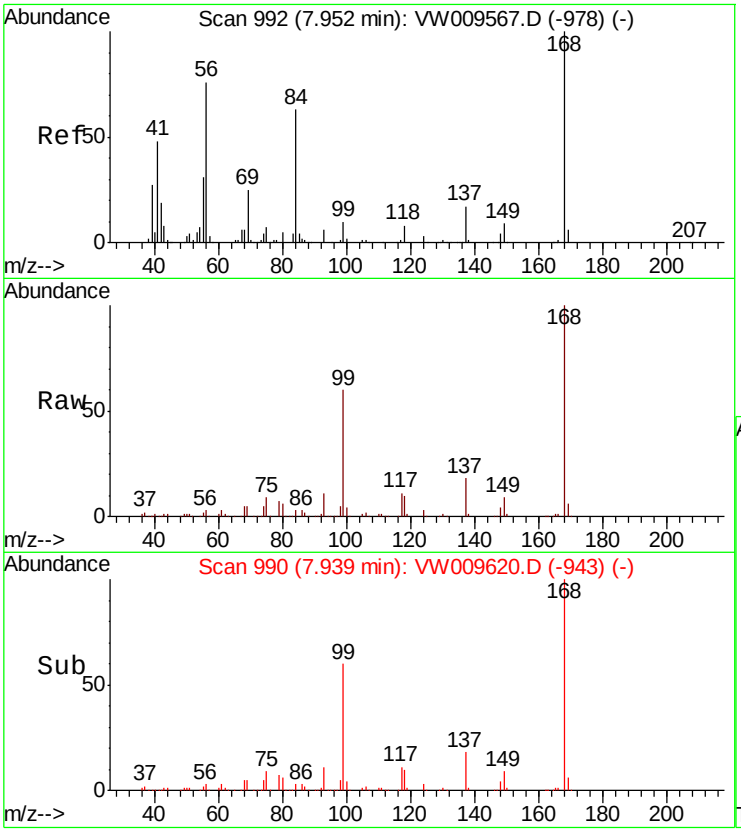


#29
Tetrahydrofuran
Concen: 1.378 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 42 Resp: 781

Ion	Ratio	Lower	Upper
42	100		
72	8.2	32.4	48.6#
71	23.7	30.1	45.1#



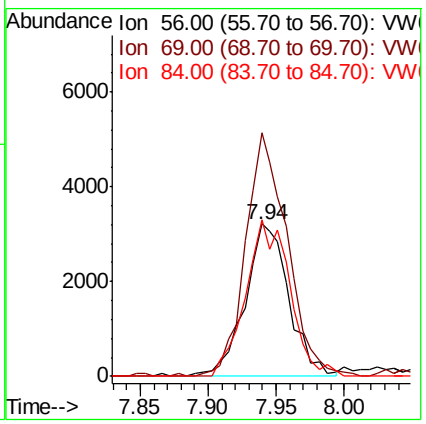


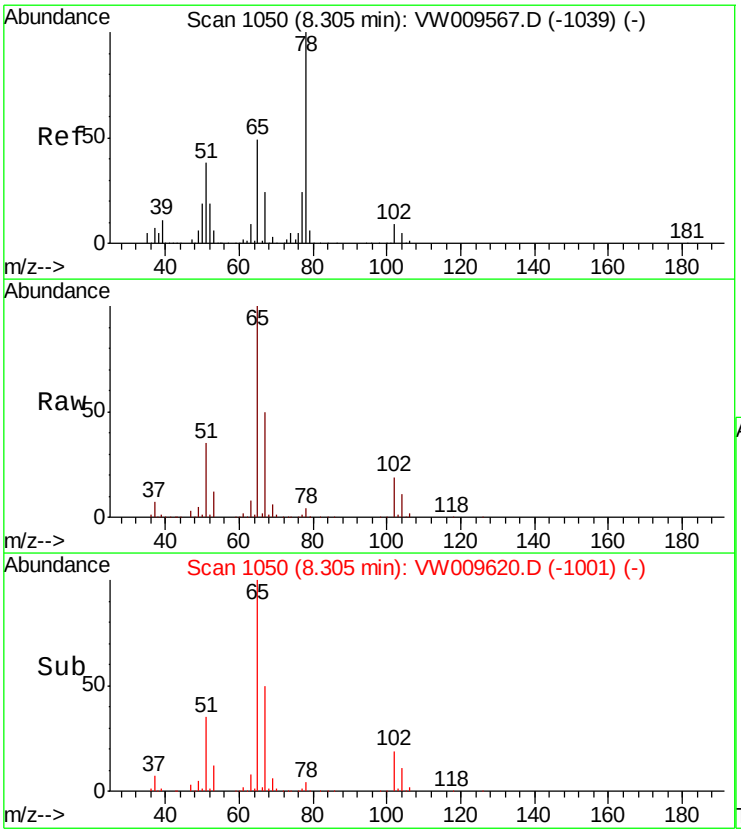
#31
Cyclohexane
Concen: 1.489 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 7196

Ion	Ratio	Lower	Upper
56	100		
69	159.8	26.1	39.1#
84	102.9	68.6	103.0

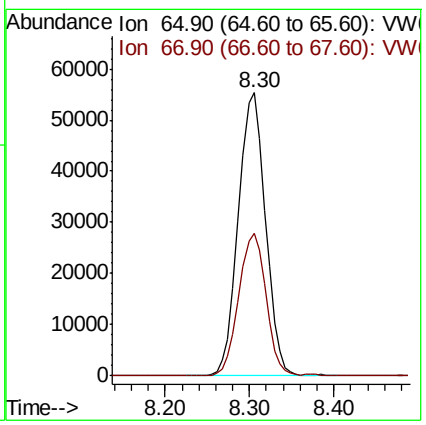


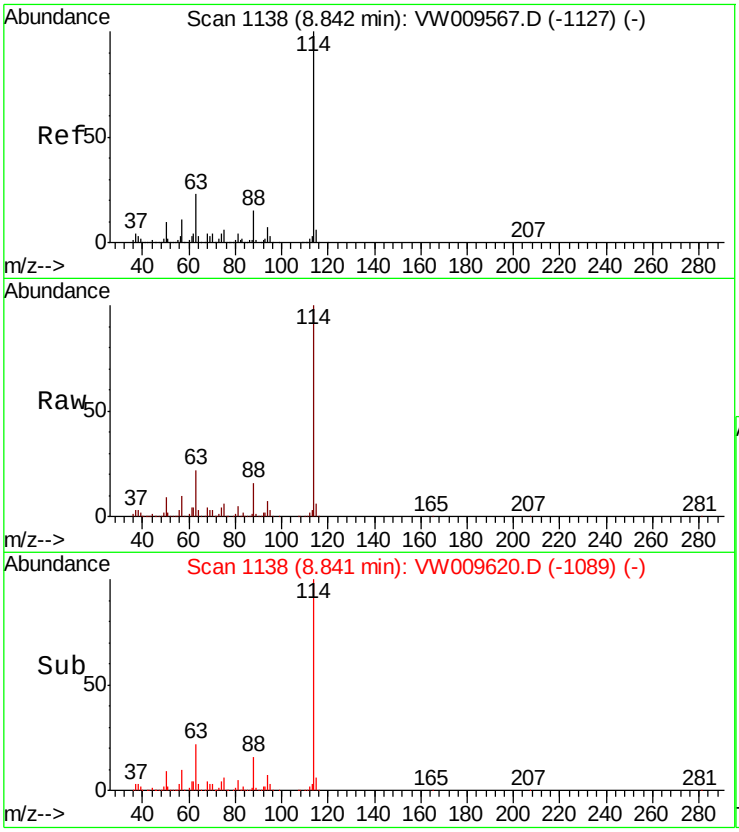


#33
1,2-Dichloroethane-d4
Concen: 41.025 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 65 Resp: 120502

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.4



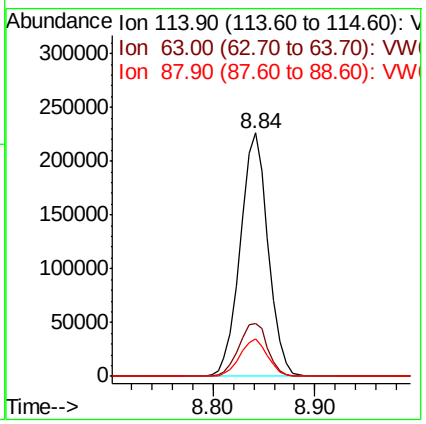


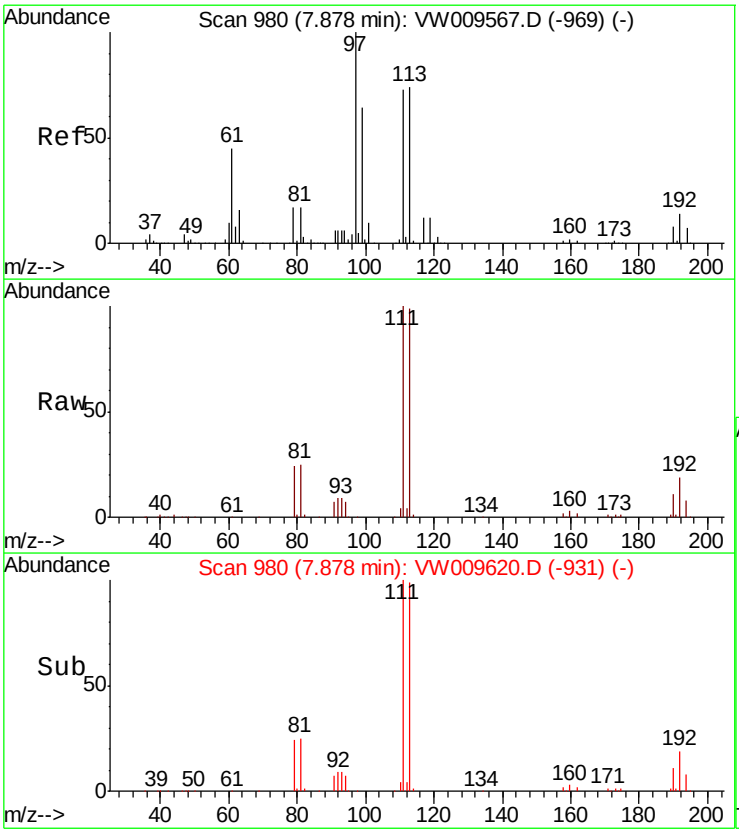
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:114 Resp: 427969

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	42.2
88	15.5	0.0	30.8

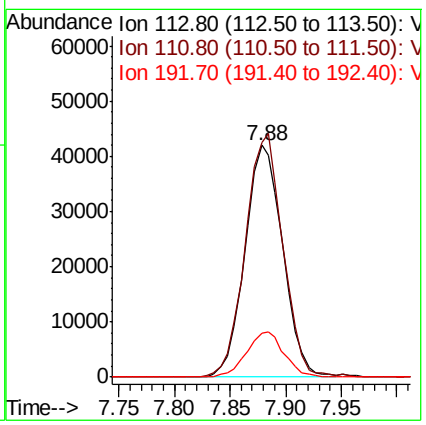


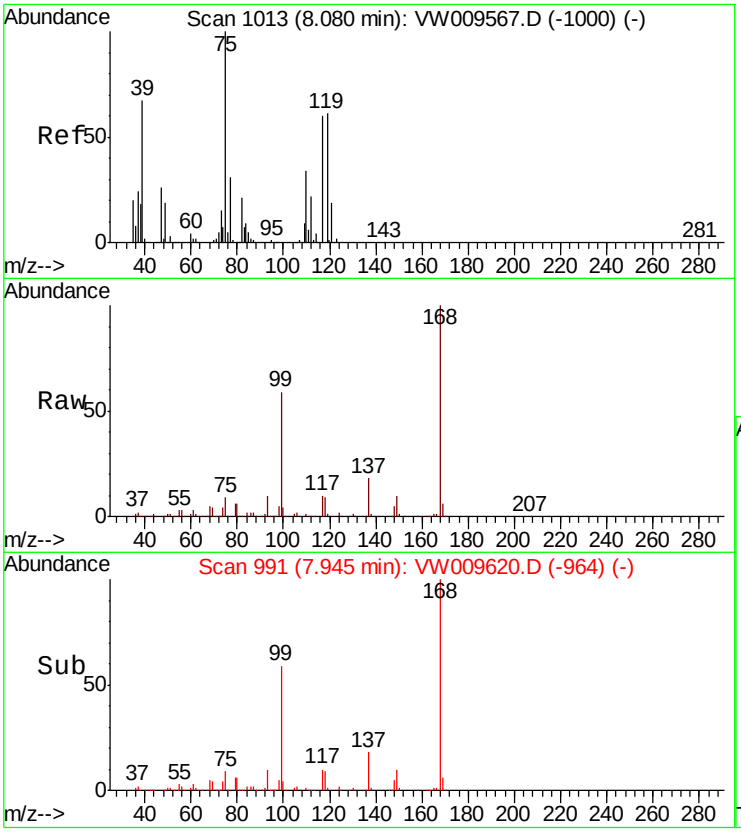


#35
Dibromofluoromethane
Concen: 36.881 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion:113 Resp: 99136

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	19.2	16.4	24.6



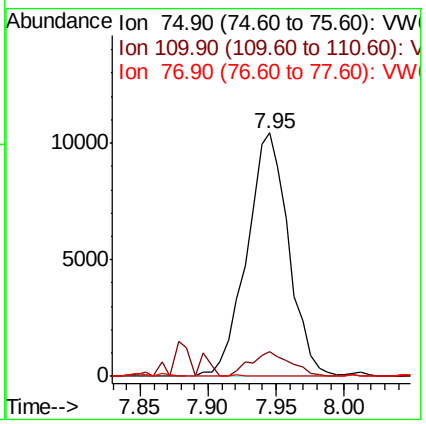


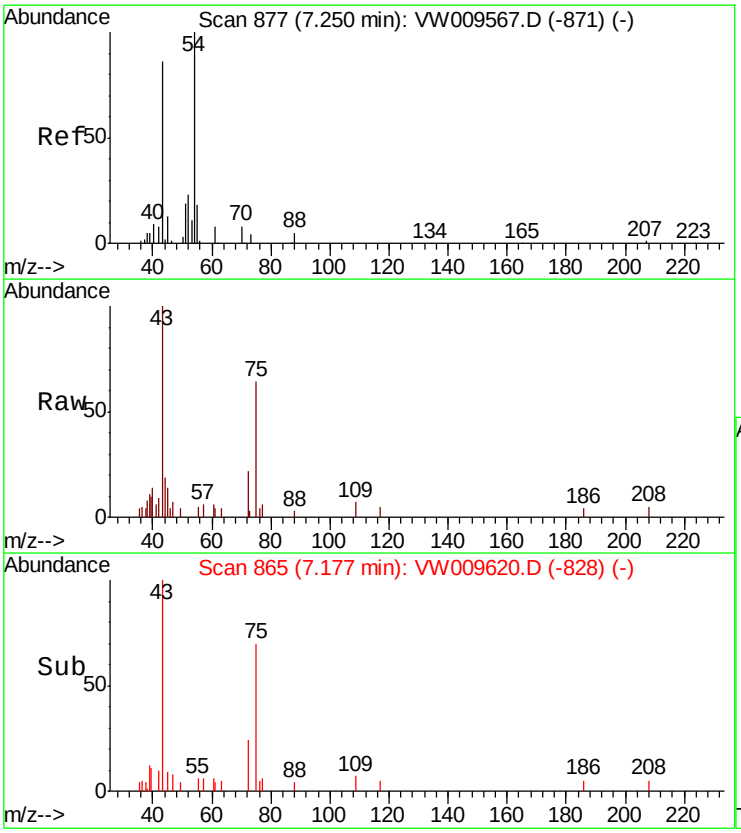
#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 22352

Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.8	50.4#
77	0.0	24.6	36.8#

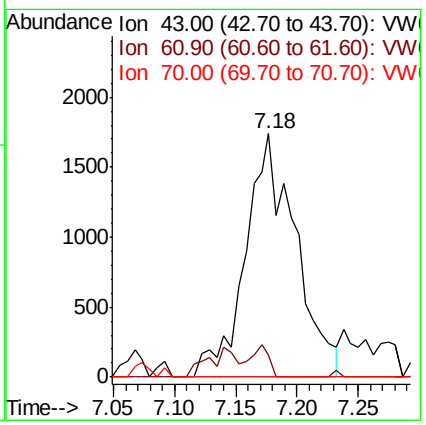


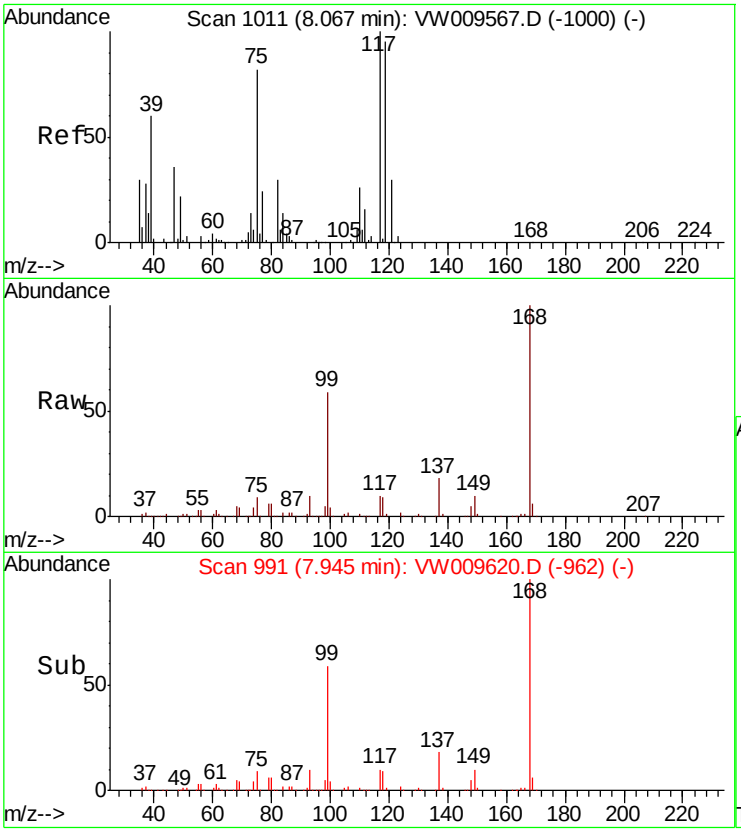


#37
Ethyl Acetate
Concen: 2.356 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.07 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 43 Resp: 4954

Ion	Ratio	Lower	Upper
43	100		
61	4.9	10.0	15.0#
70	0.0	7.3	10.9#



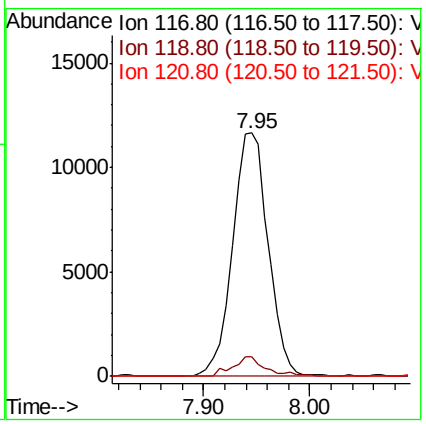


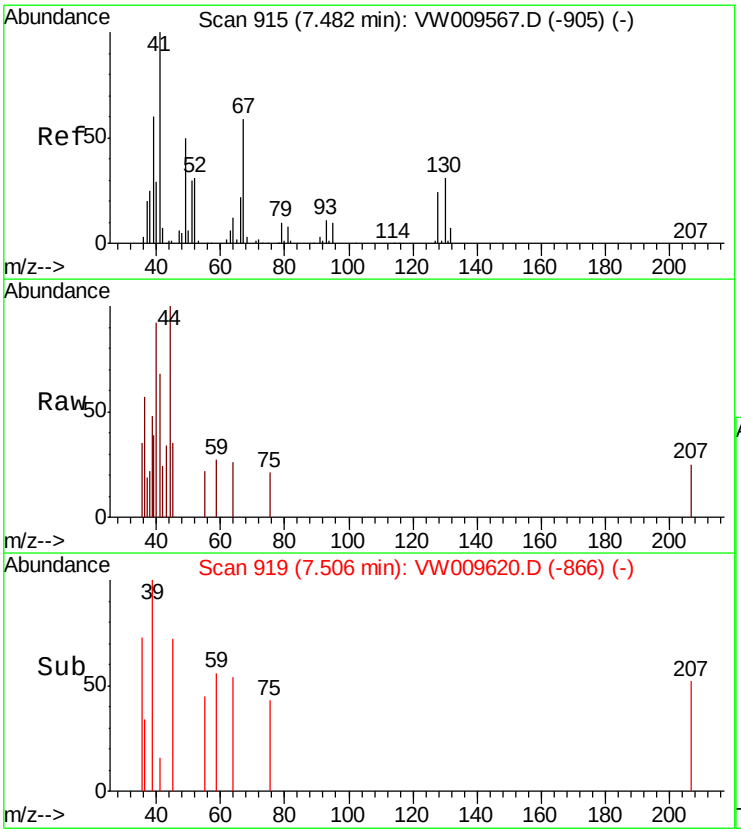
#38
Carbon Tetrachloride
Concen: 6.033 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 27364

Ion	Ratio	Lower	Upper
117	100		
119	8.2	75.4	113.0#
121	0.0	24.9	37.3#

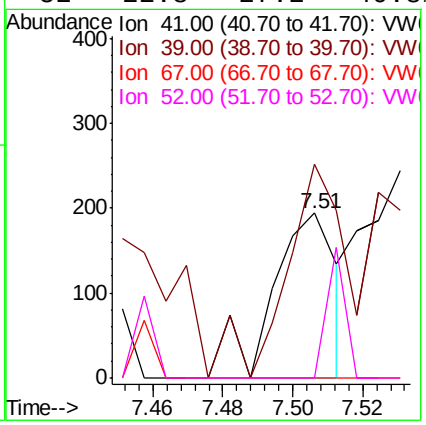


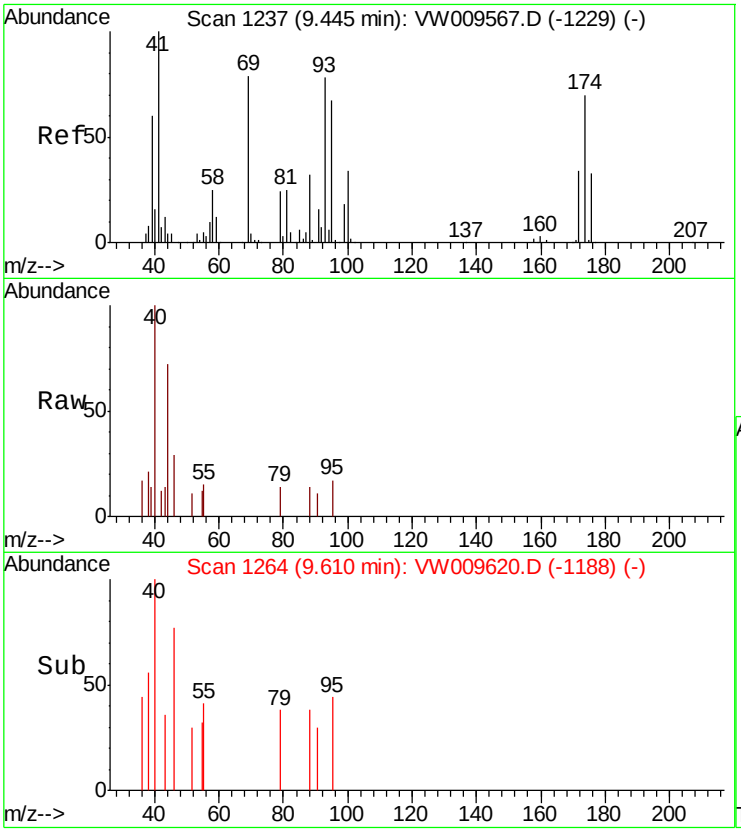


#41
Methacrylonitrile
Concen: 4.087 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.02 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 41 Resp: 246

Ion	Ratio	Lower	Upper
41	100		
39	109.3	52.5	78.7#
67	0.0	56.6	84.8#
52	22.8	27.2	40.8#



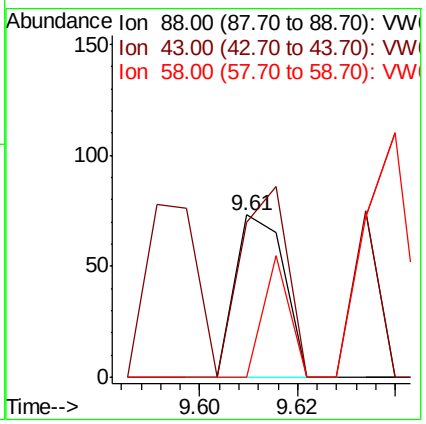


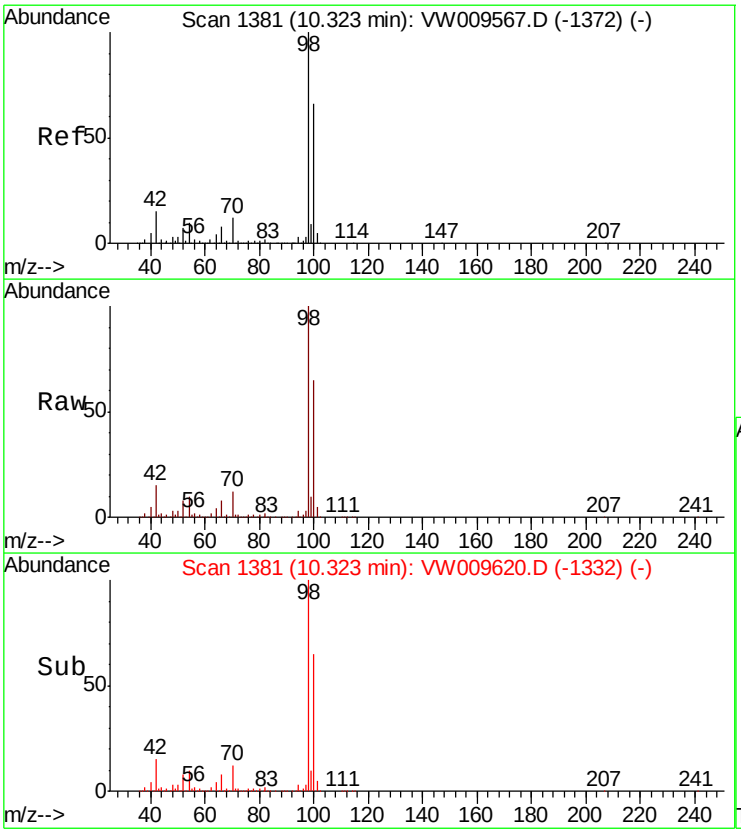
#49
1,4-Dioxane
Concen: 2.019 ug/l
RT: 9.61 min Scan# 1264
Delta R.T. 0.16 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 88 Resp: 50

Ion	Ratio	Lower	Upper
88	100		
43	114.0	29.7	44.5#
58	40.0	58.1	87.1#

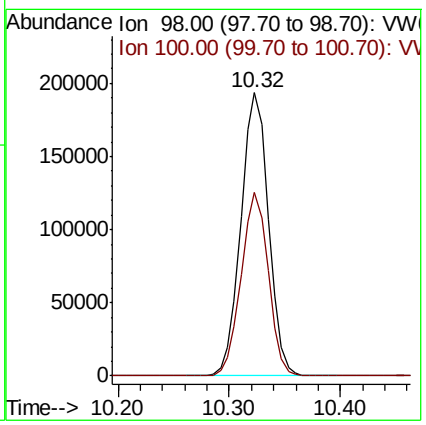


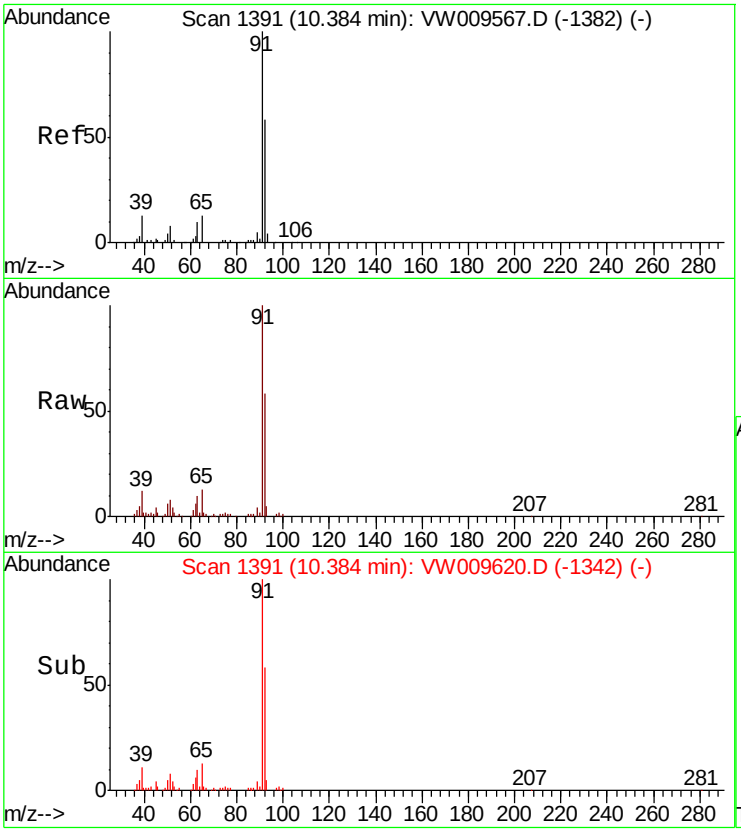


#50
Toluene-d8
Concen: 33.520 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 98 Resp: 333027

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.6	79.0



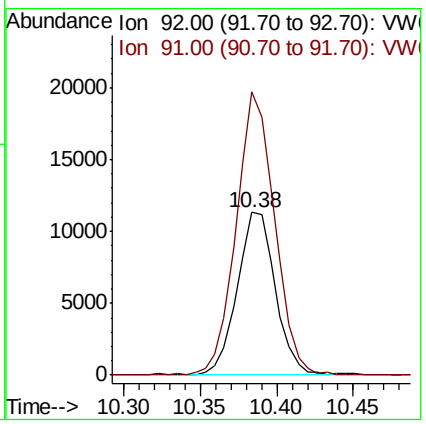


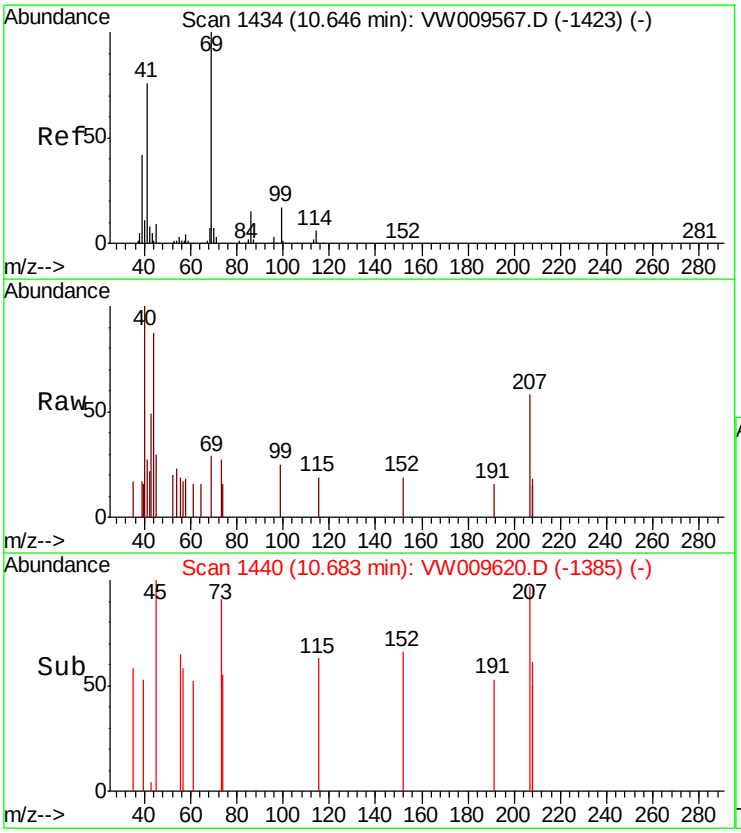
#52
Toluene
Concen: 2.613 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 92 Resp: 19624

Ion	Ratio	Lower	Upper
92	100		
91	176.2	140.1	210.1

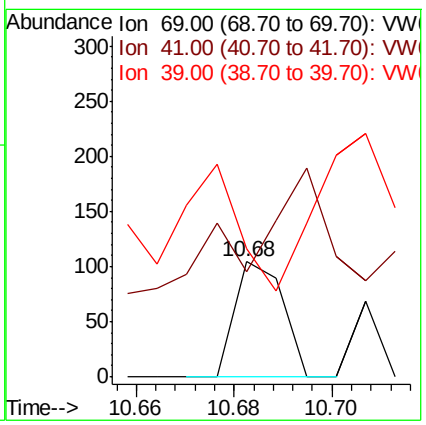


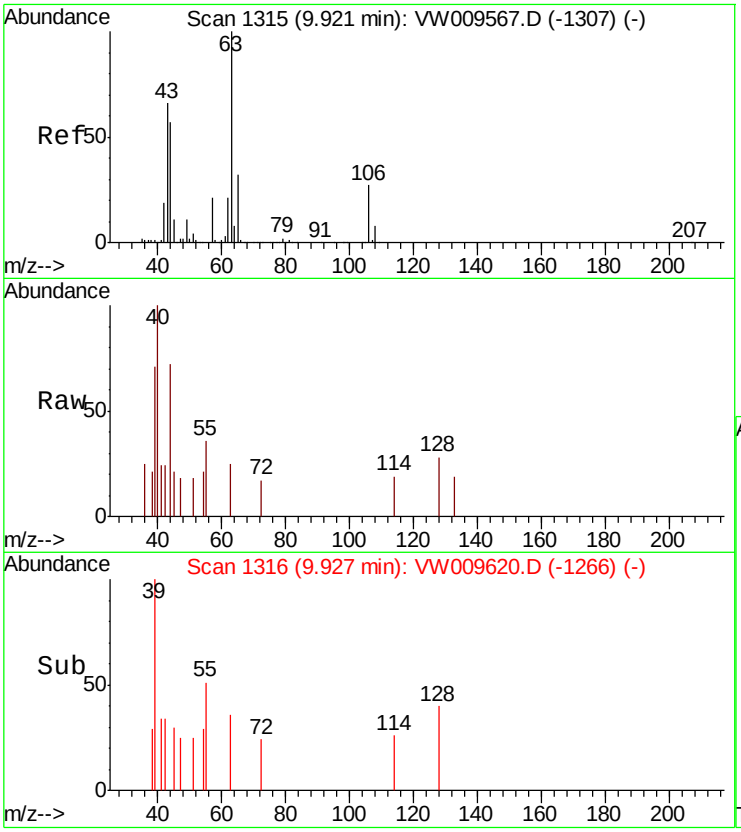


#56
Ethyl methacrylate
Concen: 3.818 ug/l
RT: 10.68 min Scan# 1440
Delta R.T. 0.04 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 69 Resp: 71

Ion	Ratio	Lower	Upper
69	100		
41	605.6	59.3	88.9#
39	0.0	36.2	54.2#



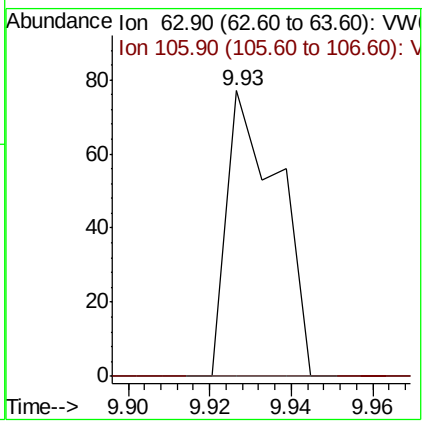


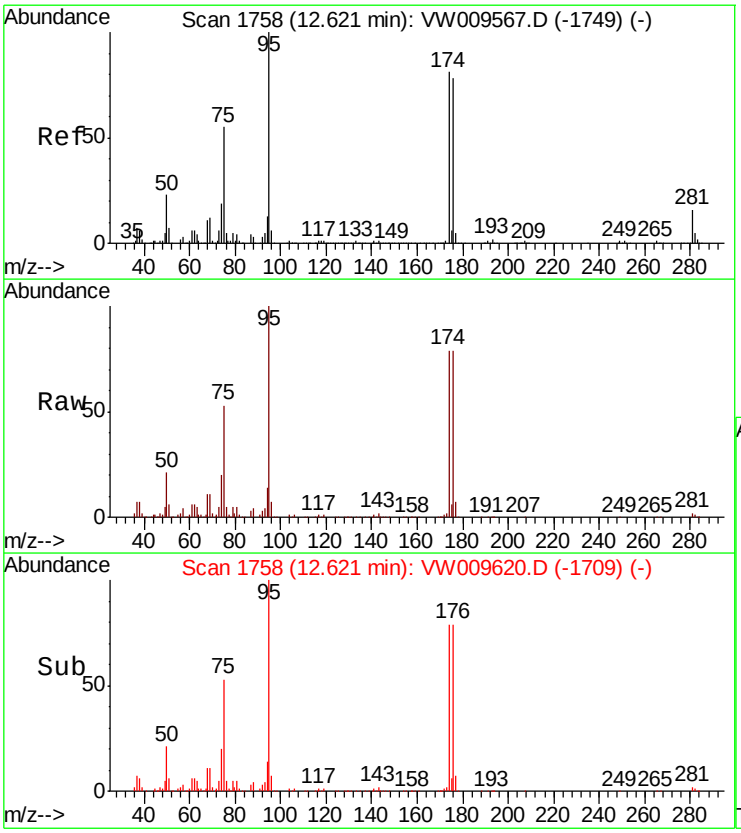
#58
2-Chloroethyl Vinyl ether
Concen: 17.059 ug/l
RT: 9.93 min Scan# 1316
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 63 Resp: 68

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.9	34.3#

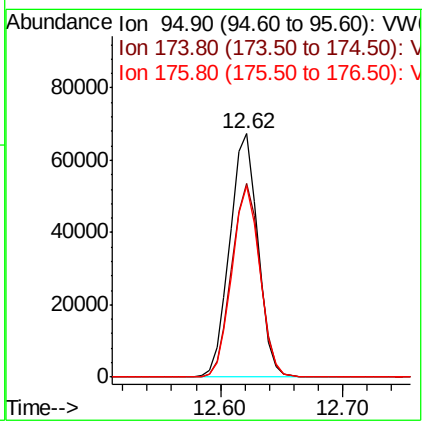


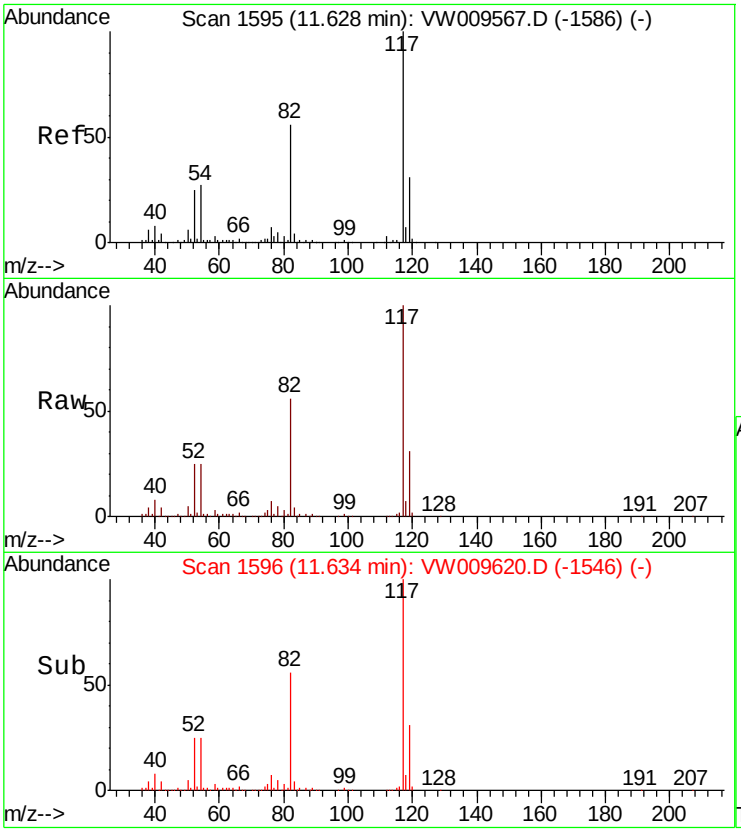


#62
4-Bromofluorobenzene
Concen: 28.806 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 95 Resp: 106766

Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	168.4
176	78.0	0.0	161.6



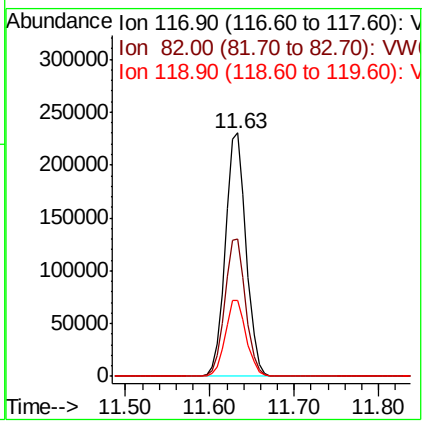


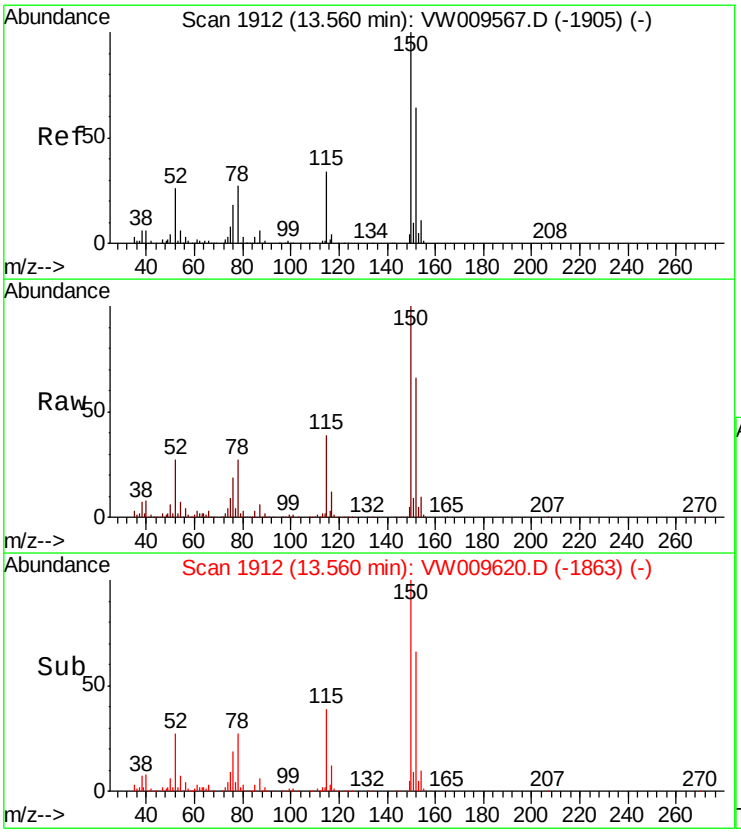
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 386759

Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	31.2	26.0	39.0

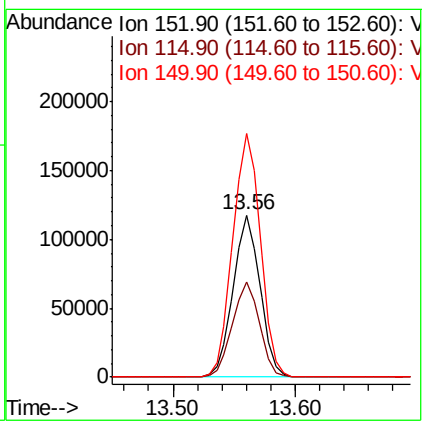


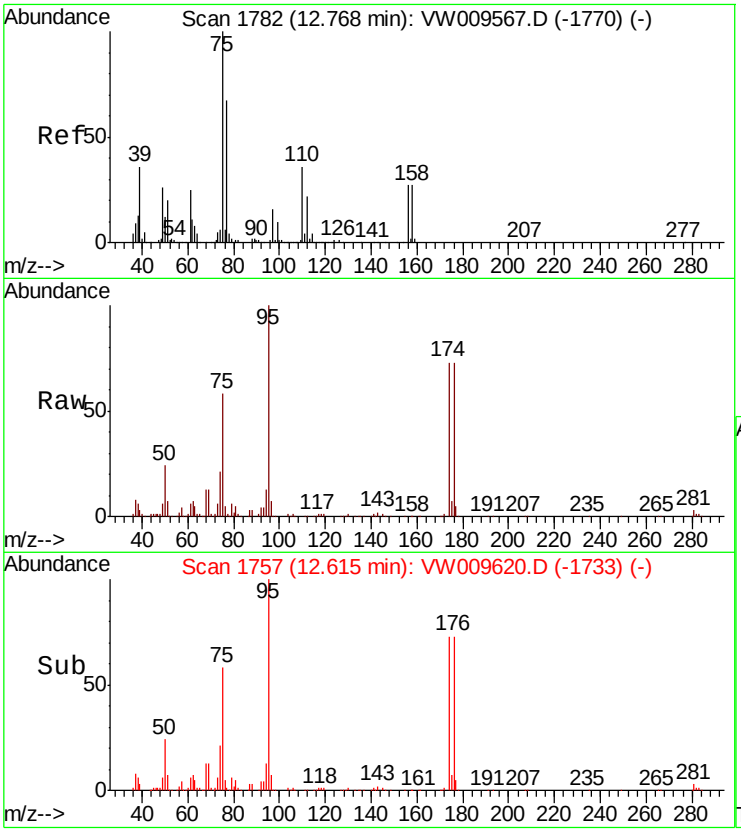


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion:152 Resp: 177925

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	155.2	0.0	349.2



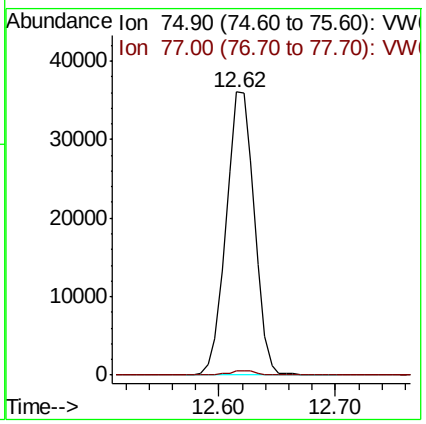


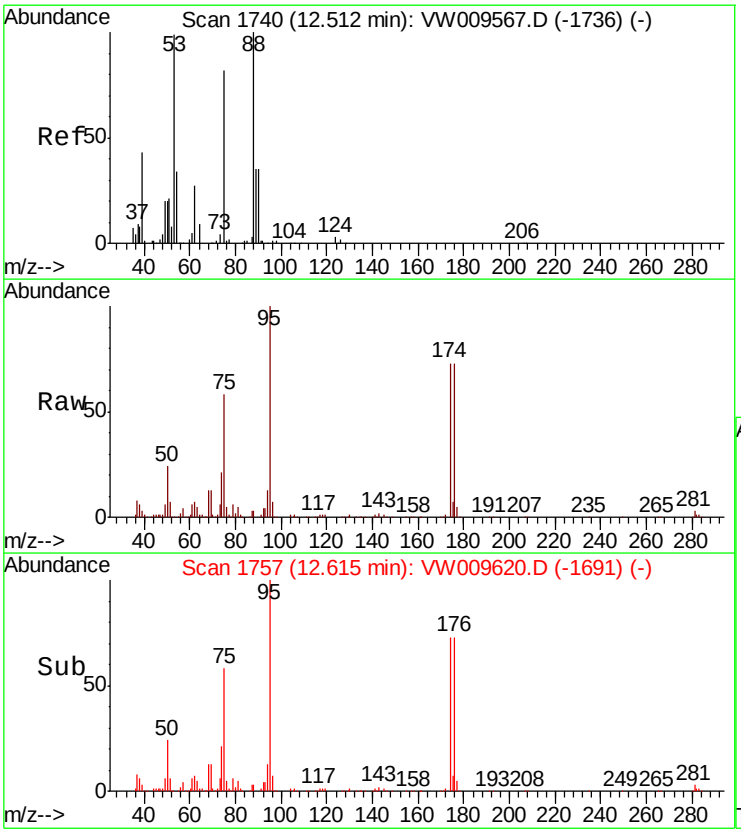
#76
1,2,3-Trichloropropane
Concen: 36.301 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 60738

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

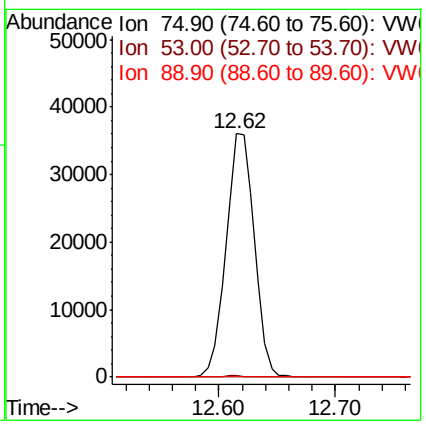


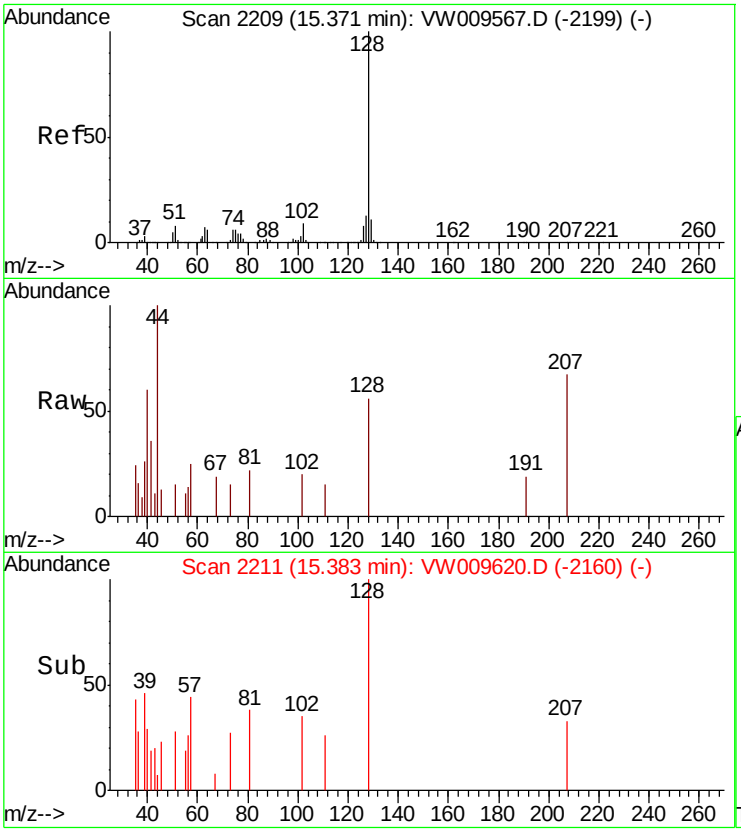


#81
trans-1,4-Dichloro-2-butene
Concen: 84.417 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Tgt Ion: 75 Resp: 60738

Ion	Ratio	Lower	Upper
75	100		
53	0.4	86.7	130.1#
89	0.0	36.4	54.6#





#95
Naphthalene
Concen: 2.787 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW009620.D
Acq: 31 Mar 2019 19:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 474

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.7	13.1#