Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021819\
Data File : VW008742.D
Acq On : 18 Feb 2019 21:21
Operator : SY/VA
Sample : K1513-01
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Feb 19 10:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	350328	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	530456	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	471476	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	237843	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	198918	54.62	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.24%				
35) Dibromofluoromethane	7.88	113	69538	21.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 42.22%				
50) Toluene-d8	10.32	98	633001	49.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.70%				
62) 4-Bromofluorobenzene	12.62	95	227136	47.49	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.98%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.17	59	1011	3.469	ug/l		99
13) Acrolein	3.88	56	1005	3.347	ug/l	#	68
16) Acetone	4.12	43	59566	71.871	ug/l		92
20) Methylene Chloride	4.92	84	16723	Below Cal		#	78
25) 2-Butanone	7.17	43	19949	17.046	ug/l		99
31) Cyclohexane	7.95	56	7448	1.118	ug/l	#	19
36) 1,1-Dichloropropene	7.95	75	26484	4.969	ug/l	#	51
37) Ethyl Acetate	7.17	43	20415	7.941	ug/l	#	70
38) Carbon Tetrachloride	7.95	117	33104	6.247	ug/l	#	17
48) Methyl methacrylate	9.41	41	14455	6.085	ug/l	#	47
49) 1,4-Dioxane	9.39	88	39	1.231	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.21	43	3737	1.419	ug/l		98
59) 2-Hexanone	10.97	43	10325	5.581	ug/l		99
74) N-amyl acetate	12.24	43	57082	11.915	ug/l	#	50
75) 1,1,2,2-Tetrachloroethane	12.74	83	4121	1.337	ug/l	#	26
76) 1,2,3-Trichloropropane	12.62	75	117298	49.944	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	117298	107.087	ug/l	#	7

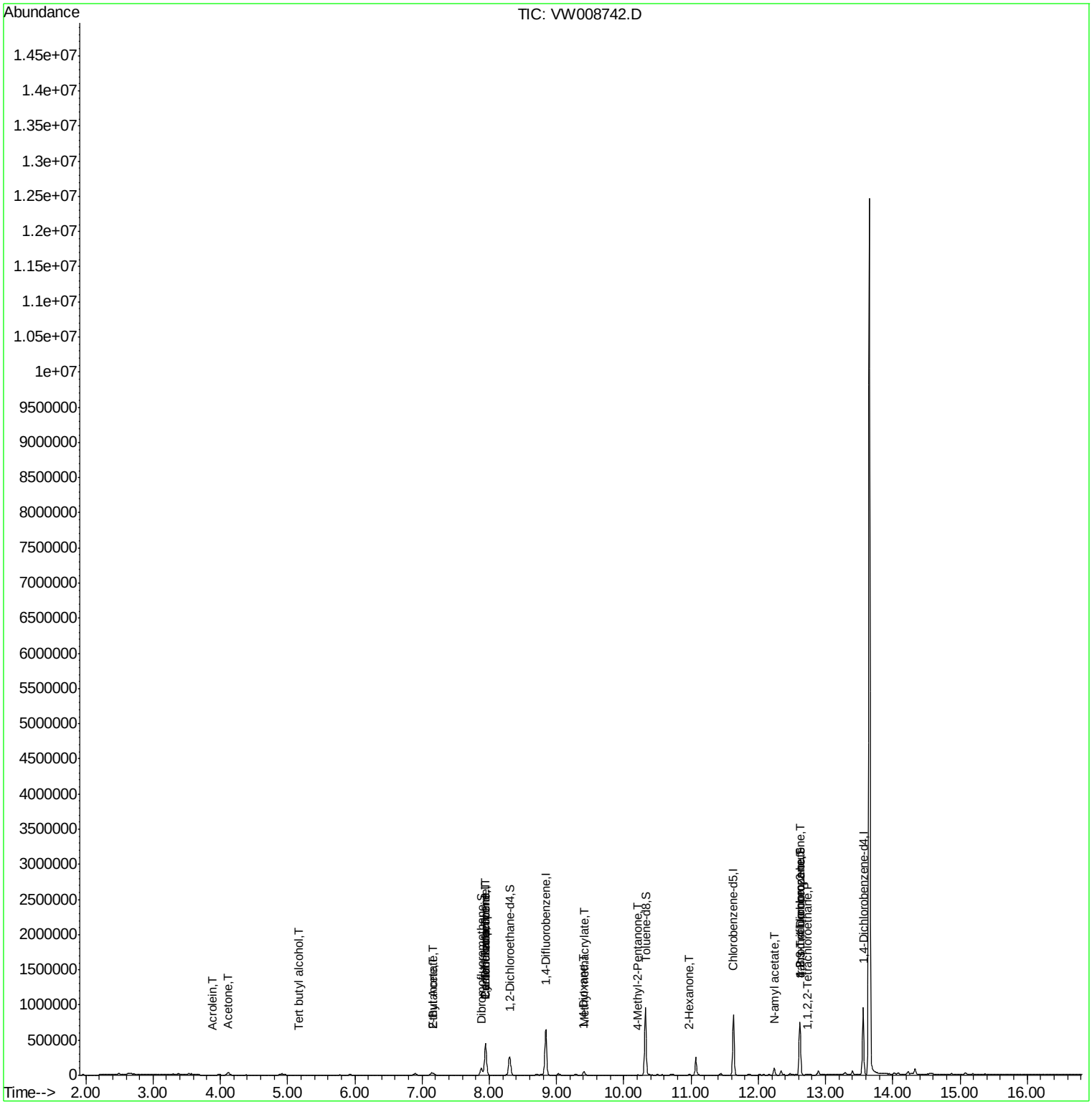
(#) = qualifier out of range (m) = manual integration (+) = signals summed

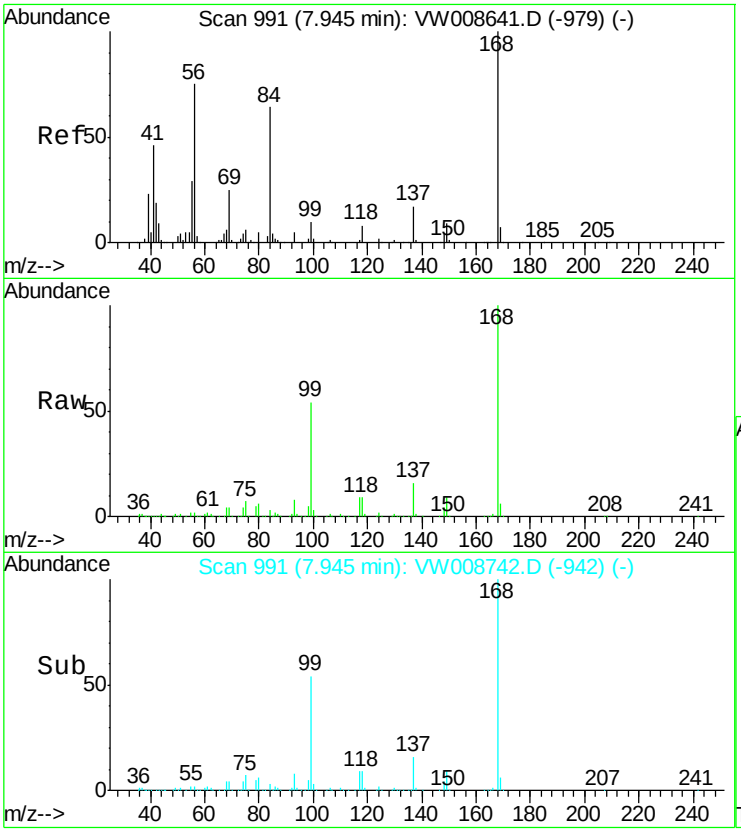
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
Data File : VW008742.D
Acq On : 18 Feb 2019 21:21
Operator : SY/VA
Sample : K1513-01
Misc : 5.05G/5ML/MSVOA W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Feb 19 10:53:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration



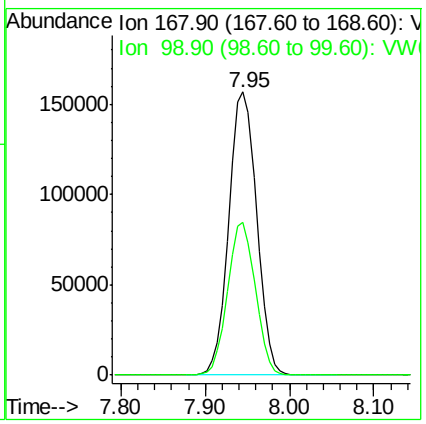


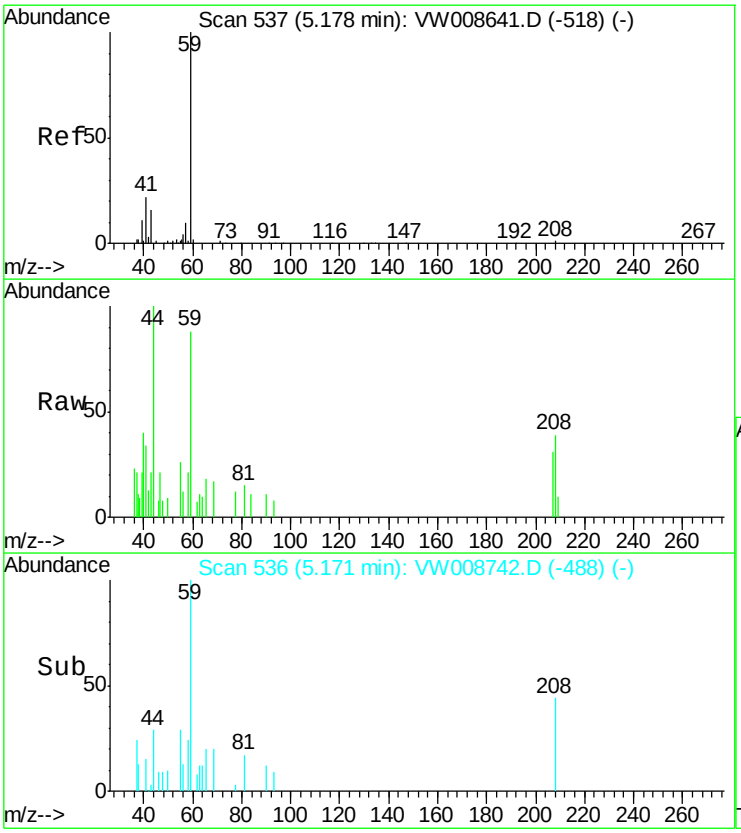
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 350328

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.8	64.2

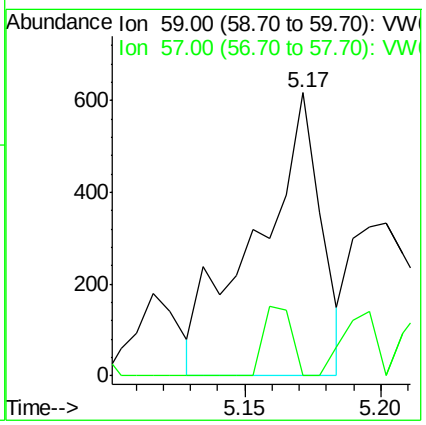


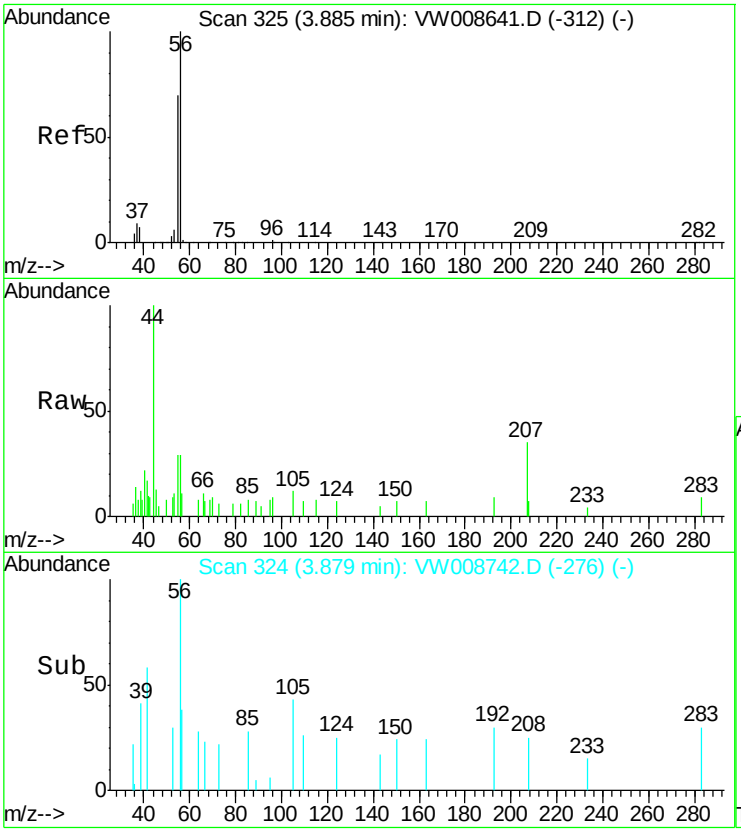


#11
Tert butyl alcohol
Concen: 3.469 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 59 Resp: 1011

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.3	12.5



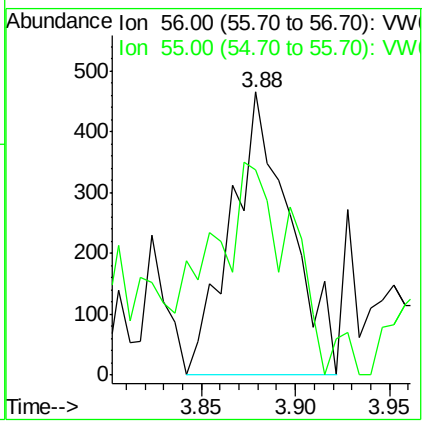


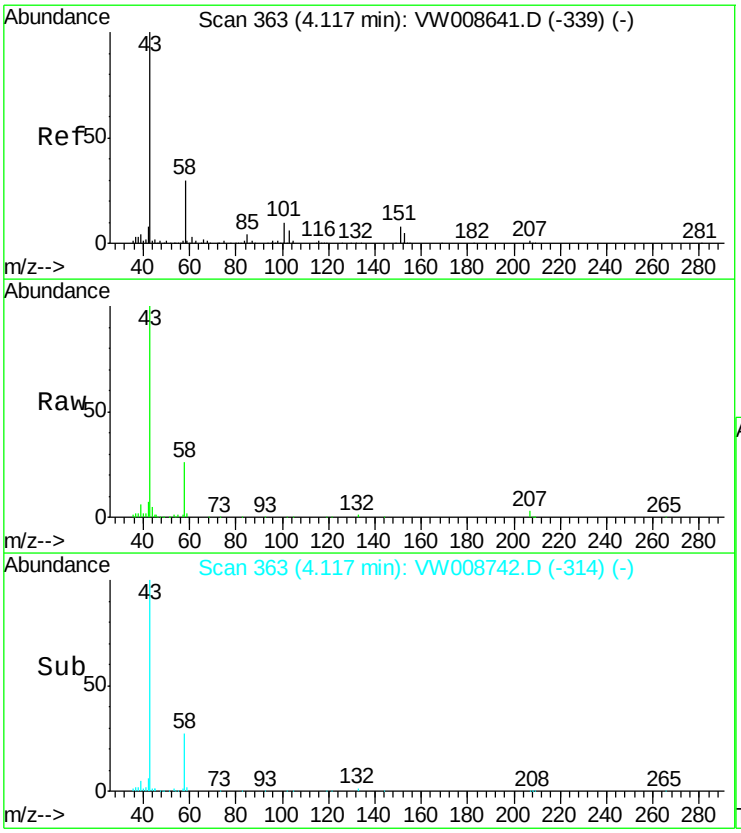
#13
Acrolein
Concen: 3.347 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 1005

Ion	Ratio	Lower	Upper
56	100		
55	98.6	57.4	86.2#

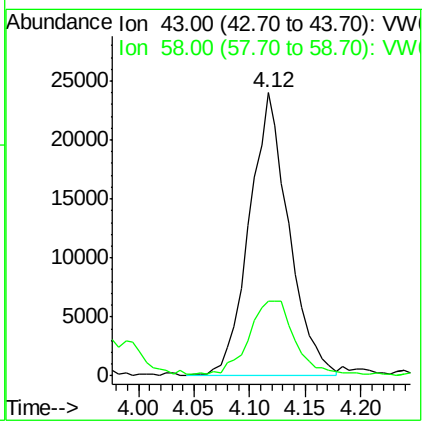


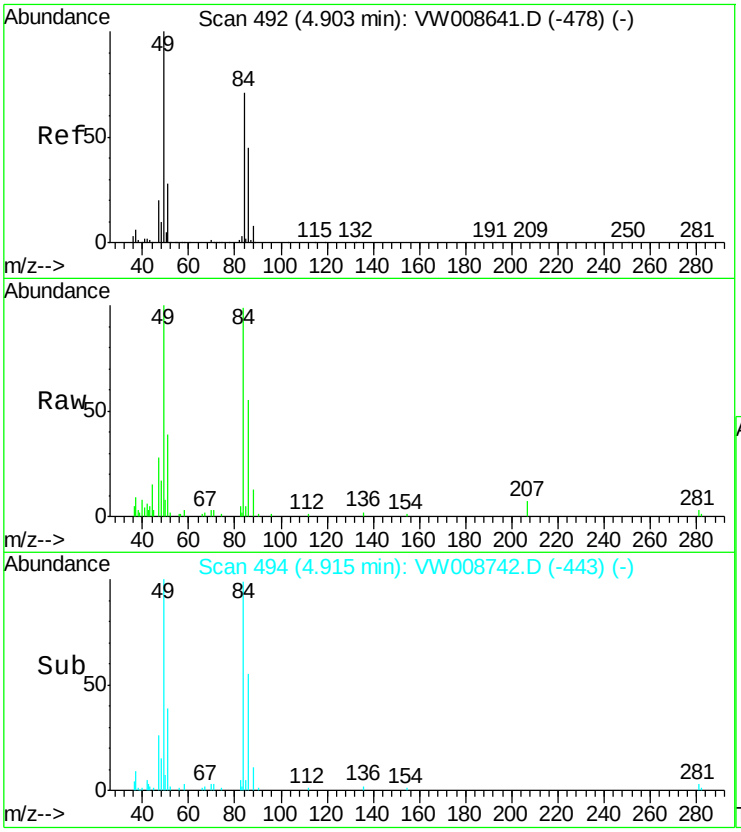


#16
Acetone
Concen: 71.871 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 59566

Ion	Ratio	Lower	Upper
43	100		
58	25.6	24.1	36.1



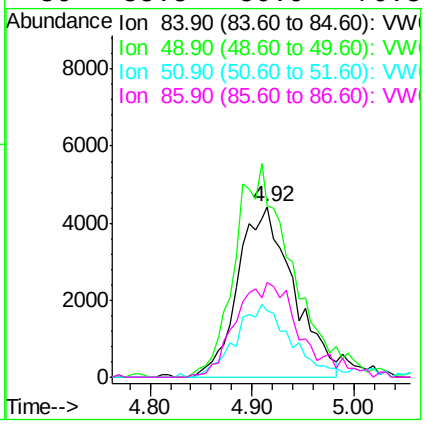


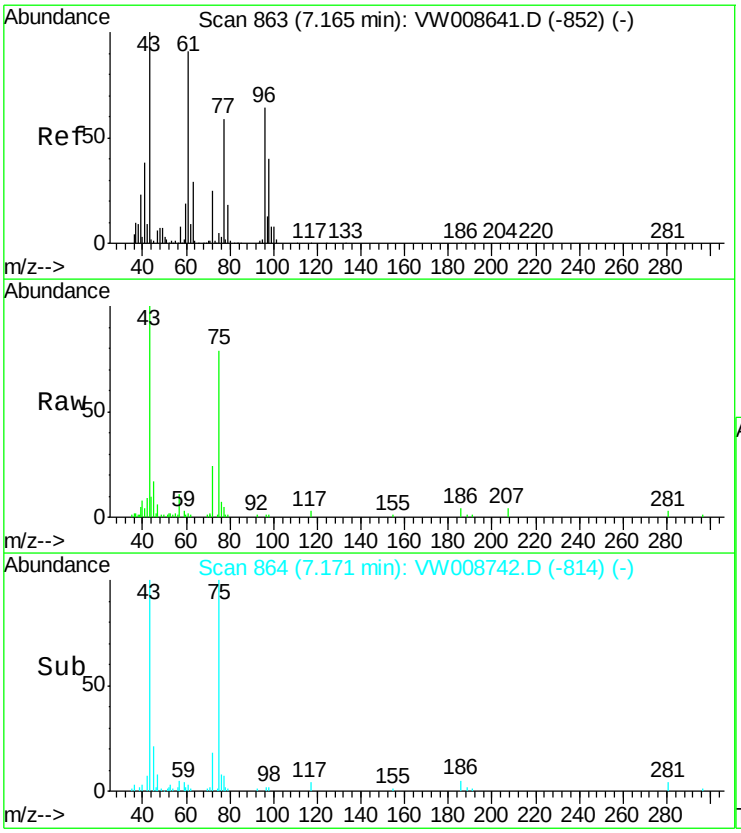
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 84 Resp: 16723

Ion	Ratio	Lower	Upper
84	100		
49	100.5	113.3	169.9#
51	39.3	32.1	48.1
86	55.5	50.9	76.3

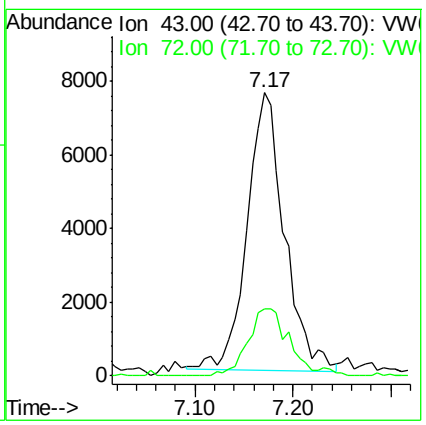


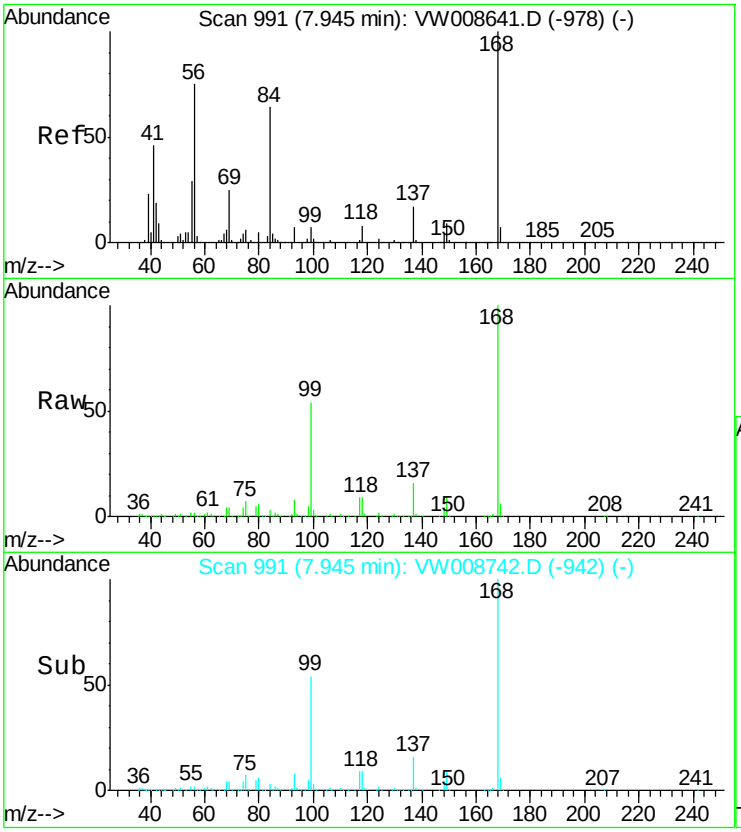


#25
2-Butanone
Concen: 17.046 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 19949

Ion	Ratio	Lower	Upper
43	100		
72	24.3	19.7	29.5



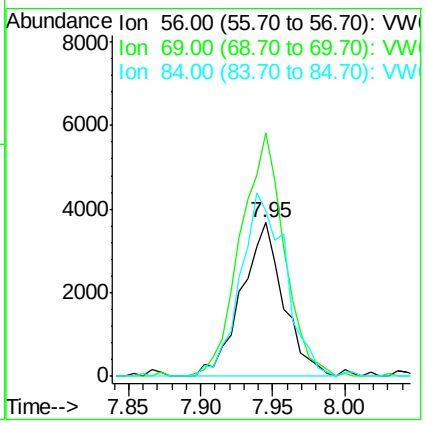


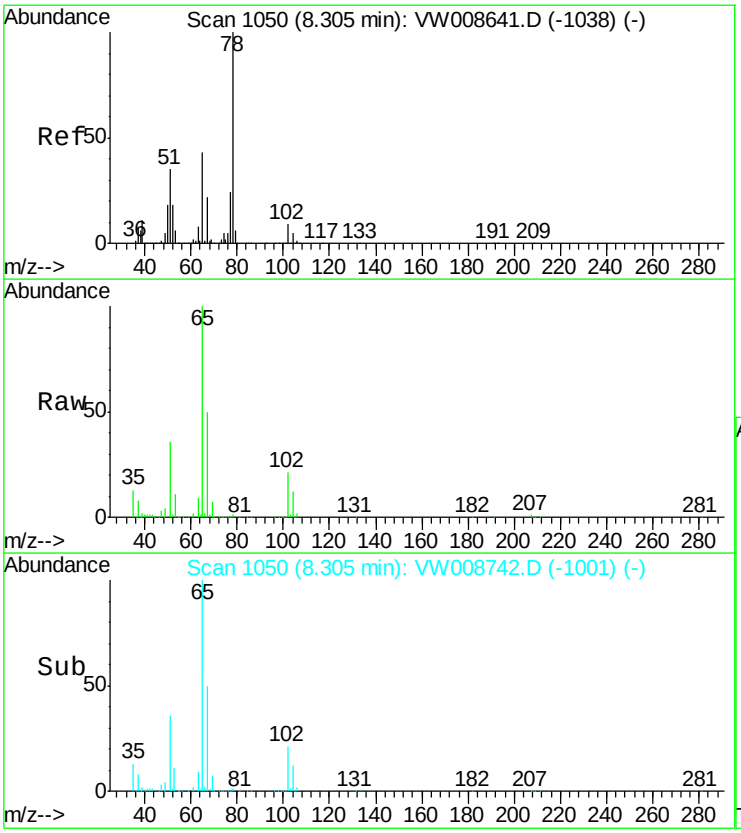
#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 56 Resp: 7448

Ion	Ratio	Lower	Upper
56	100		
69	158.3	26.4	39.6#
84	107.7	67.4	101.2#

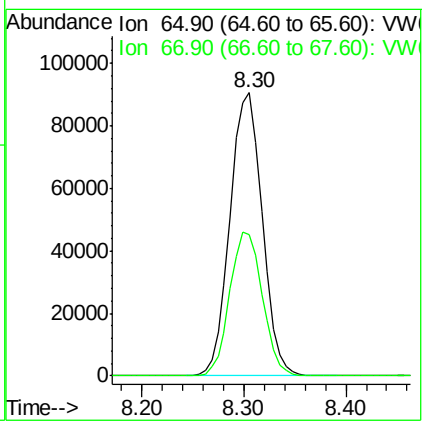


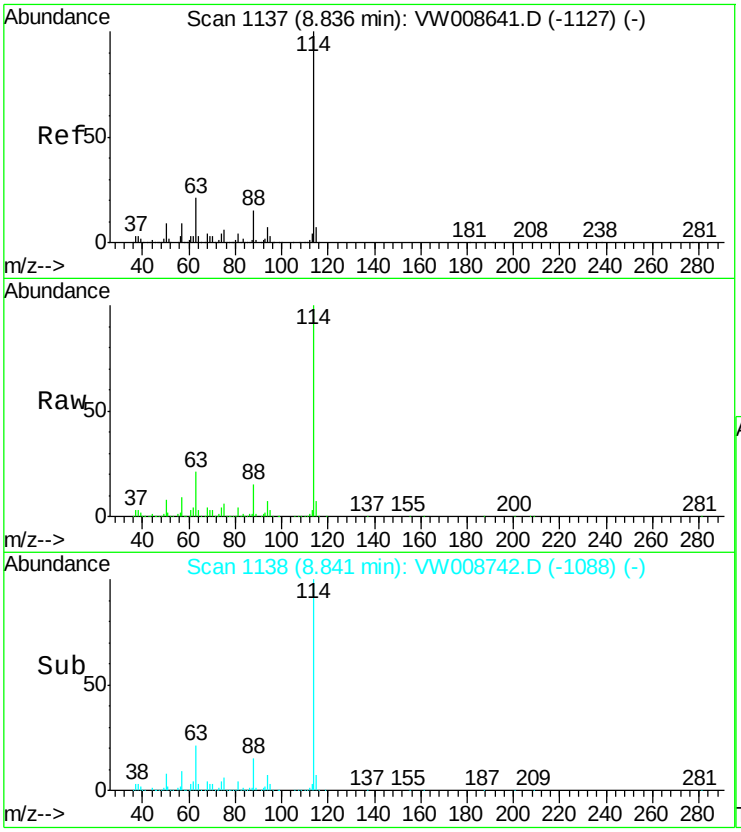


#33
1,2-Dichloroethane-d4
Concen: 54.616 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 65 Resp: 198918

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.0



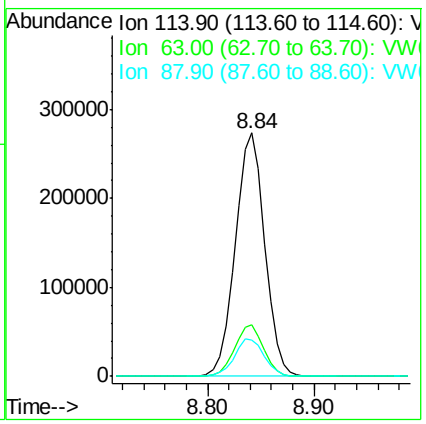


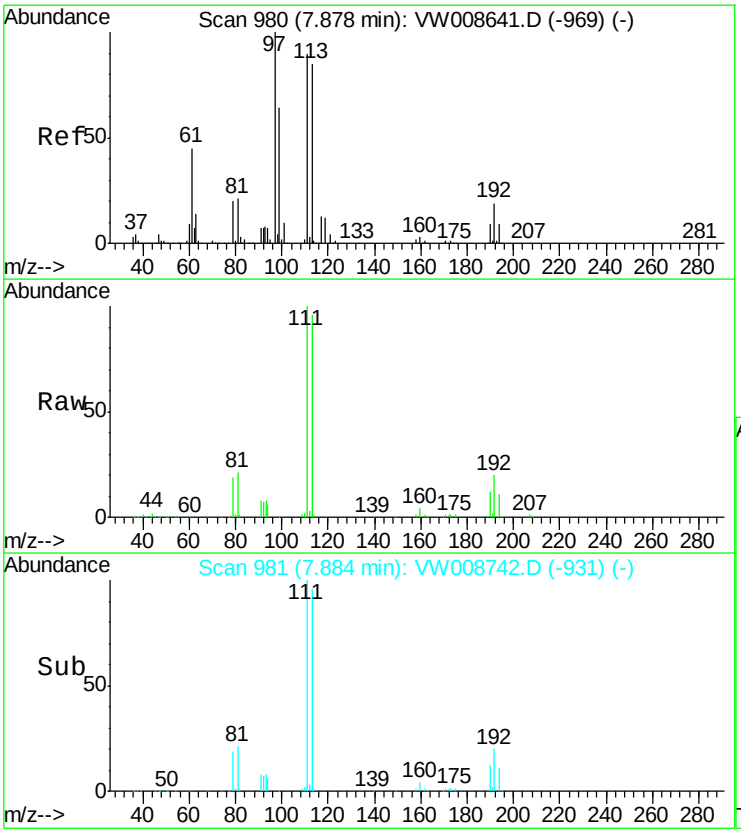
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:114 Resp: 530456

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.2
88	15.1	0.0	29.6

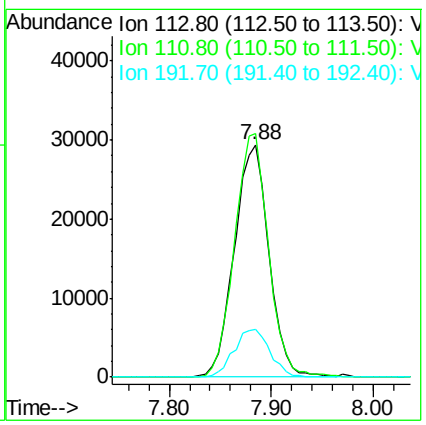


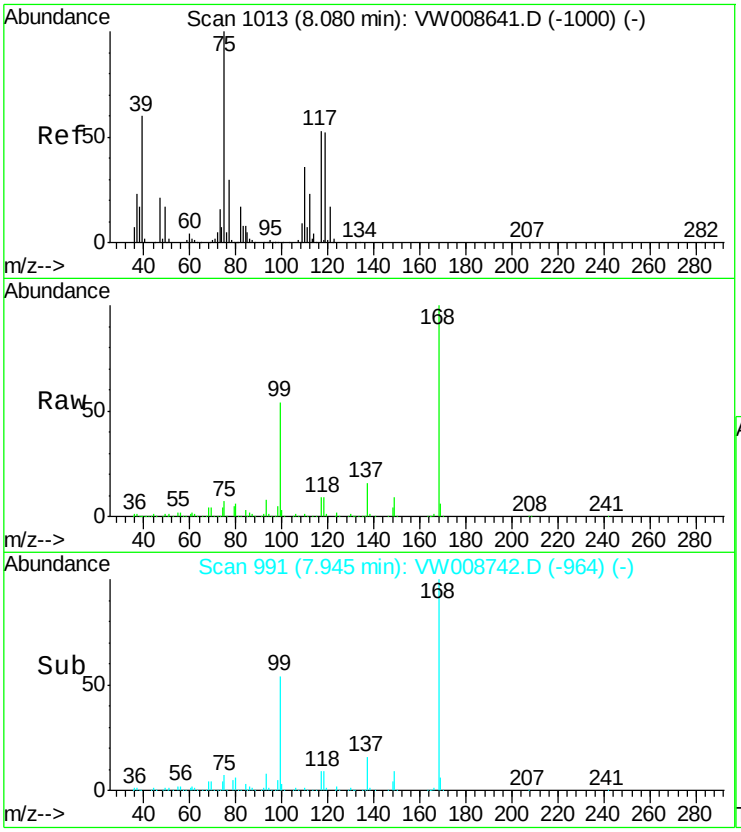


#35
Dibromofluoromethane
Concen: 21.112 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion:113 Resp: 69538

Ion	Ratio	Lower	Upper
113	100		
111	102.5	84.0	126.0
192	21.3	17.4	26.2



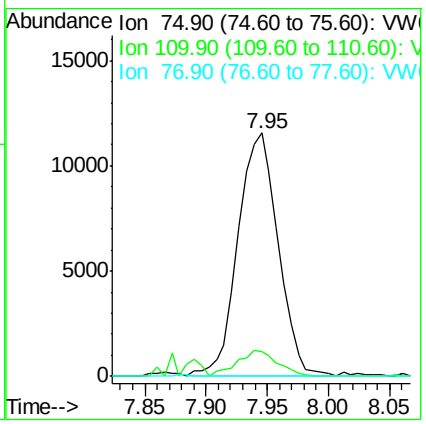


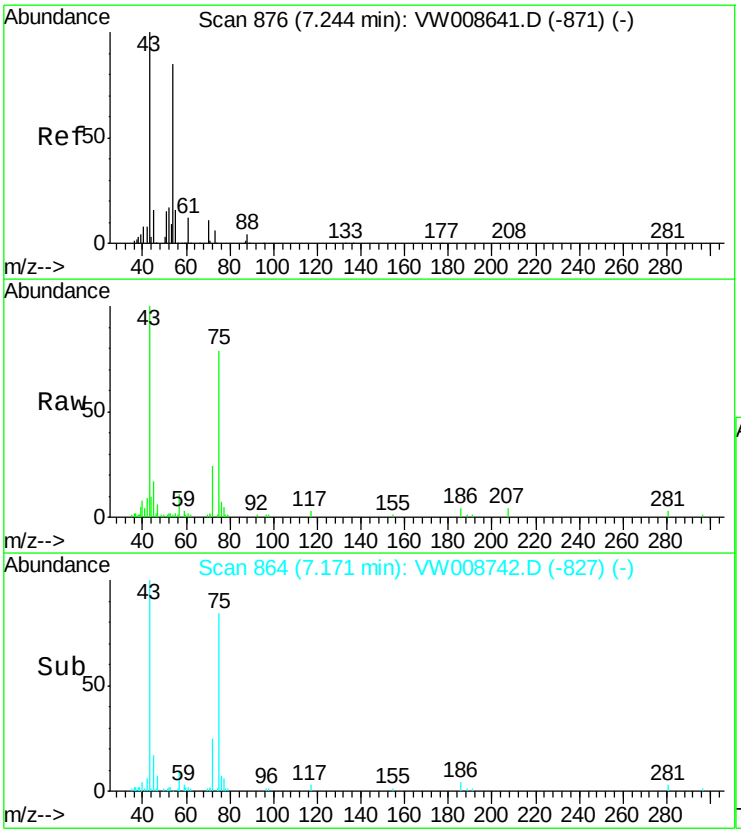
#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 26484

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.8	53.3#
77	0.0	24.7	37.1#

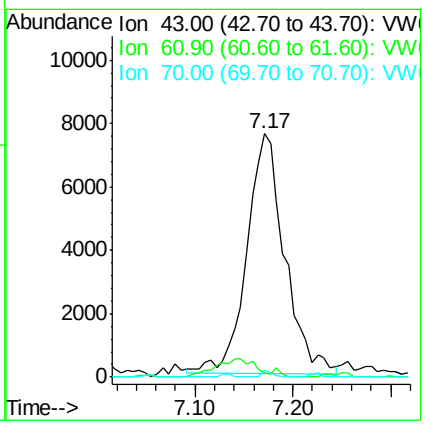


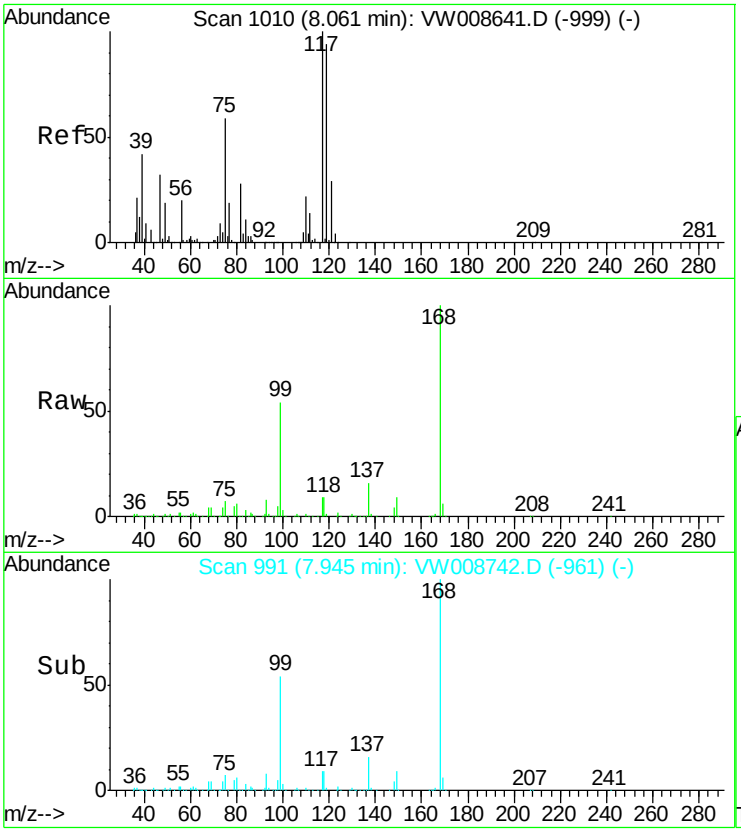


#37
Ethyl Acetate
Concen: 7.941 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.07 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 20415

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.5	15.7#
70	0.8	8.1	12.1#



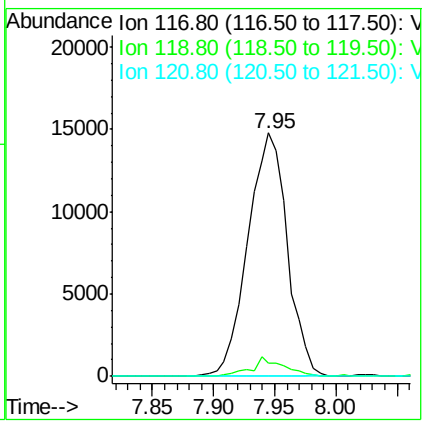


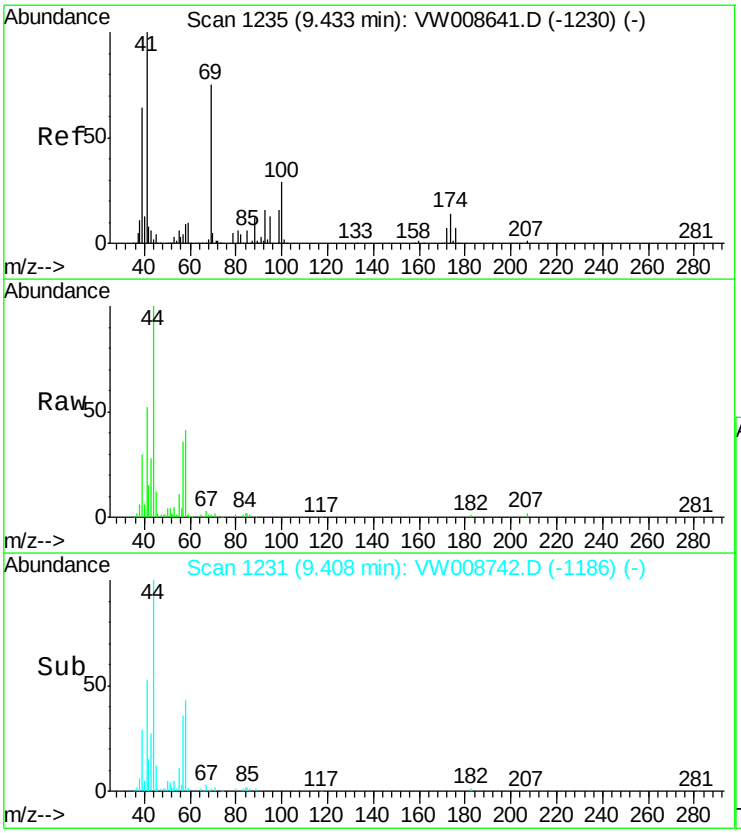
#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 33104

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.1	112.7#
121	0.0	23.5	35.3#

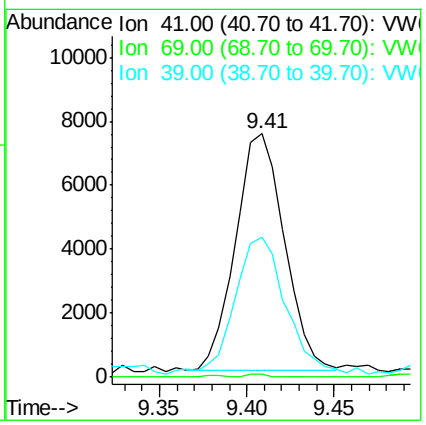


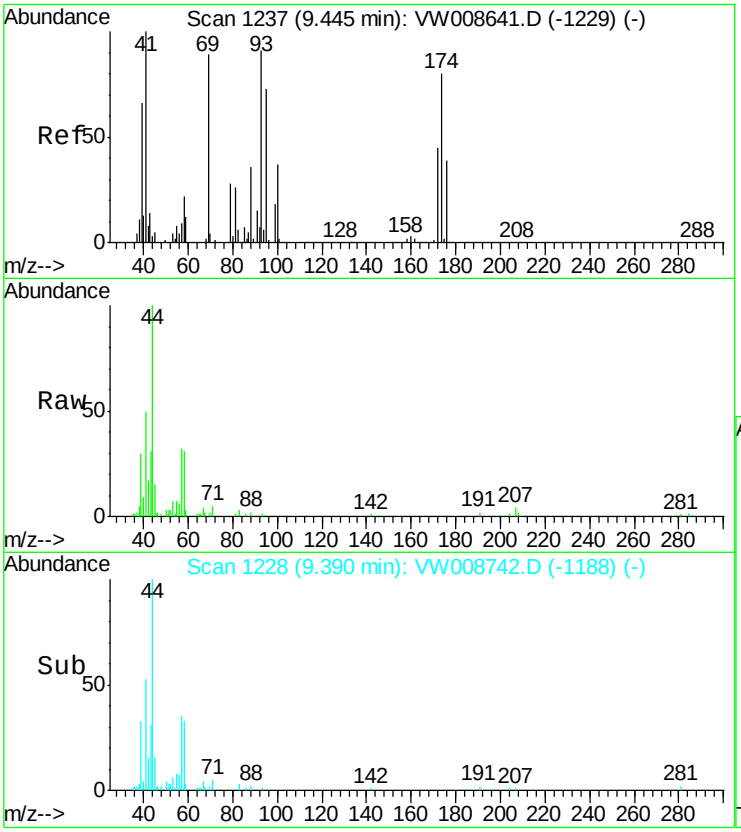


#48
Methyl methacrylate
Concen: 6.085 ug/l
RT: 9.41 min Scan# 1231
Delta R.T. -0.02 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 41 Resp: 14455

Ion	Ratio	Lower	Upper
41	100		
69	0.5	64.1	96.1#
39	60.3	52.3	78.5



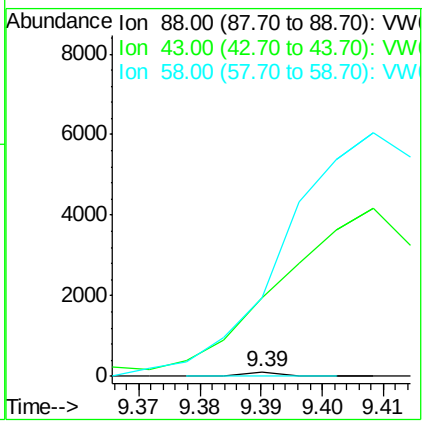


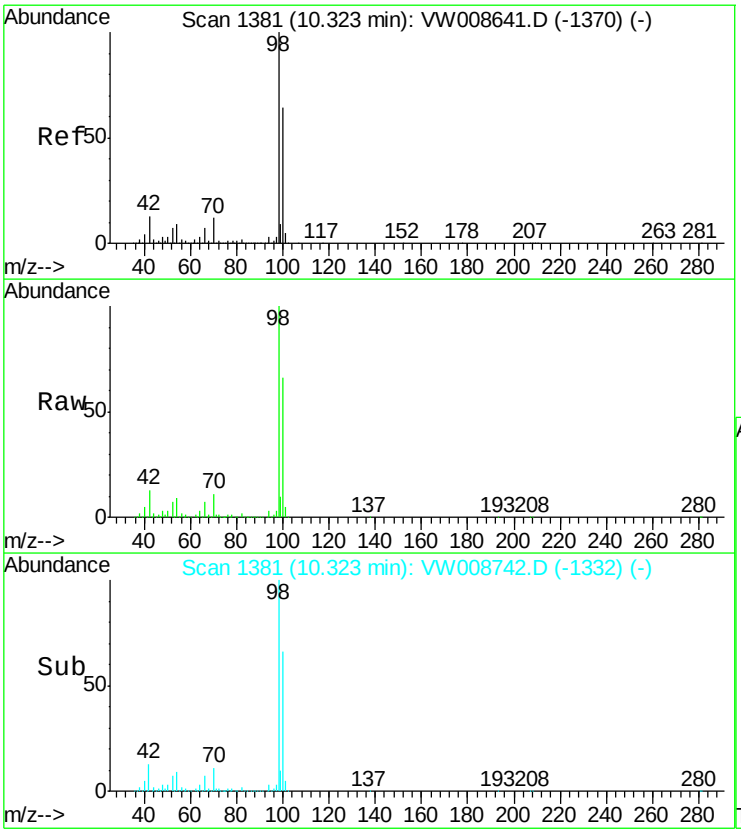
#49
1,4-Dioxane
Concen: 1.231 ug/l
RT: 9.39 min Scan# 1228
Delta R.T. -0.06 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 88 Resp: 39

Ion	Ratio	Lower	Upper
88	100		
43	20543.6	31.0	46.6#
58	30630.8	57.0	85.6#

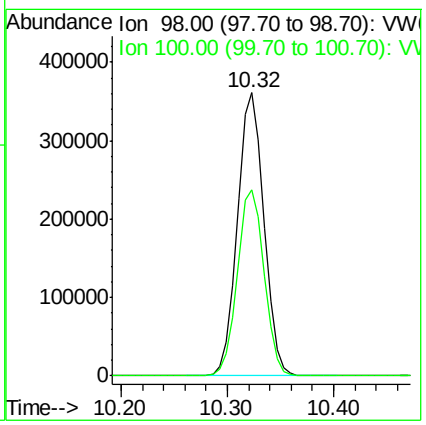


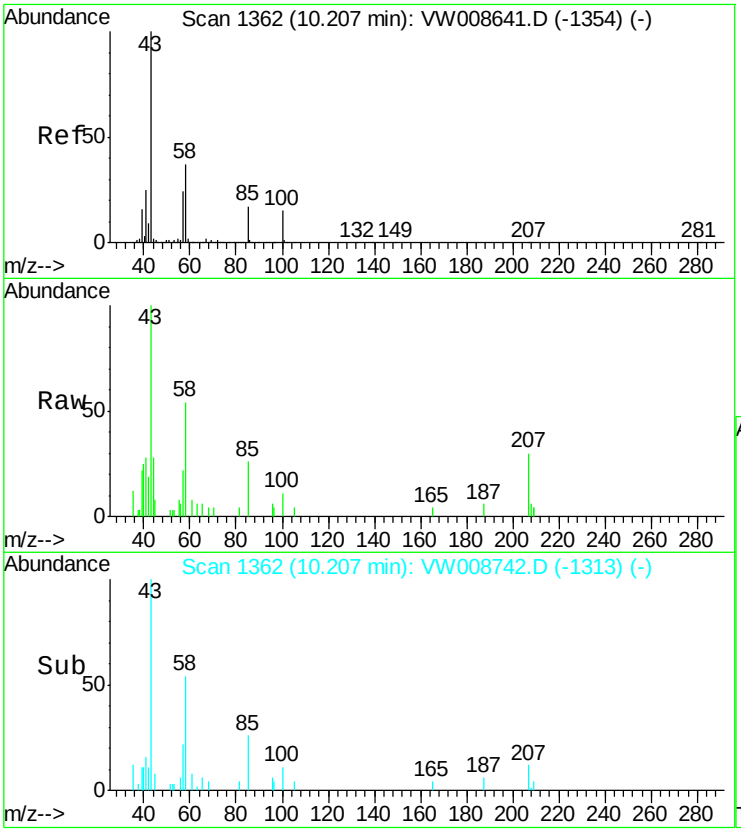


#50
Toluene-d8
Concen: 49.854 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 98 Resp: 633001

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.4



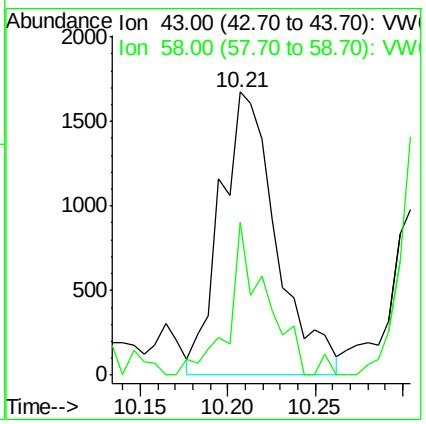


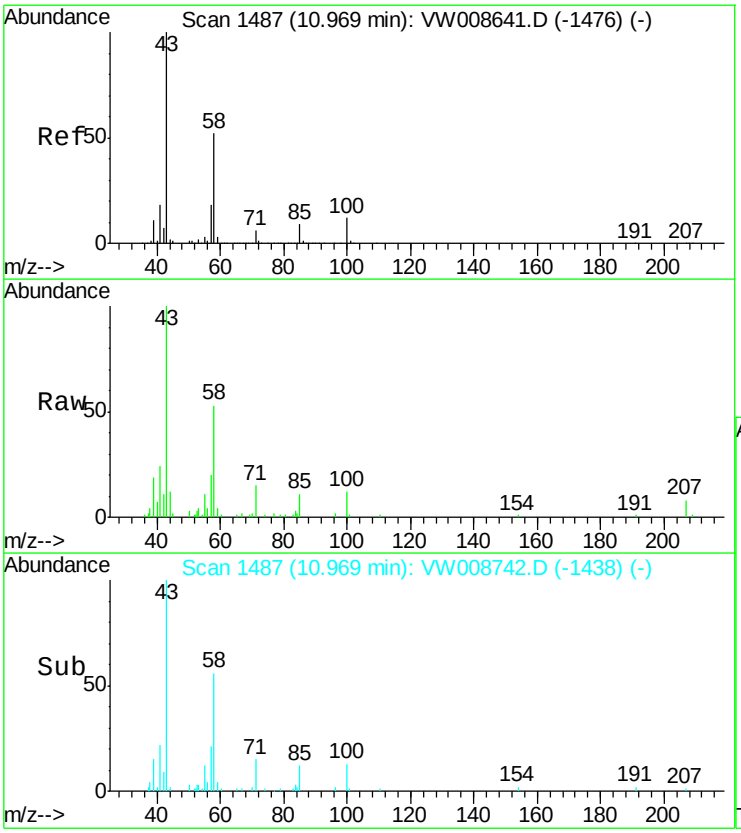
#51
4-Methyl-2-Pentanone
Concen: 1.419 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 3737

Ion	Ratio	Lower	Upper
43	100		
58	35.3	29.0	43.6

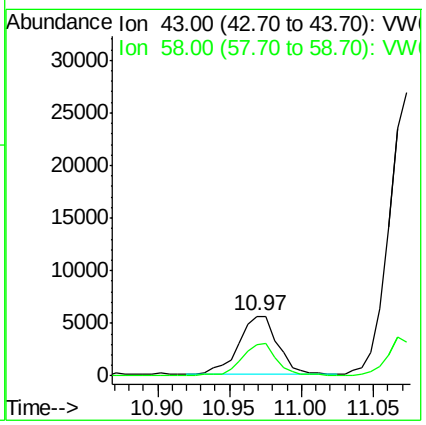


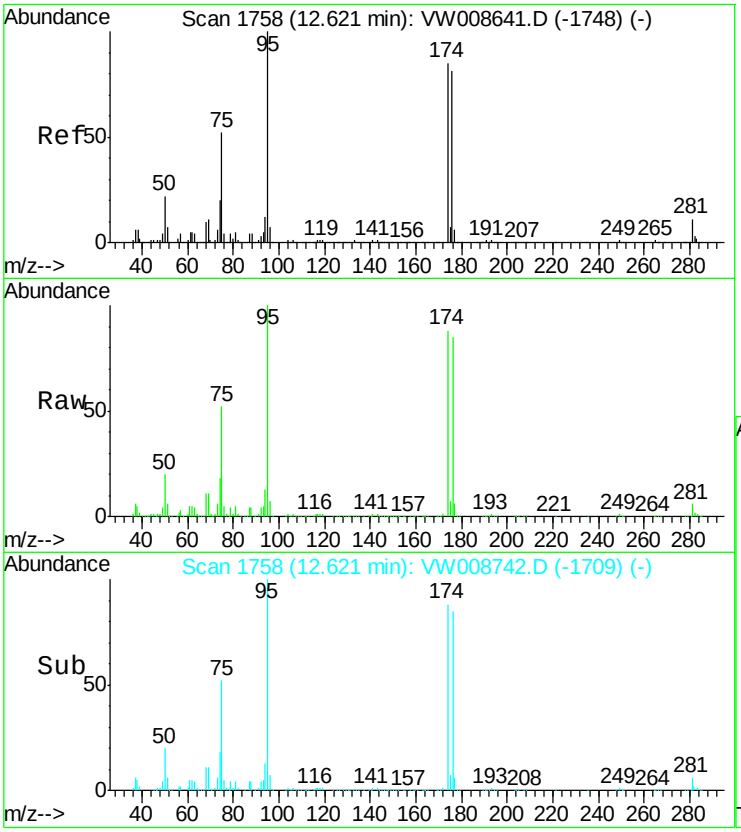


#59
2-Hexanone
Concen: 5.581 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 10325

Ion	Ratio	Lower	Upper
43	100		
58	51.7	25.6	76.6



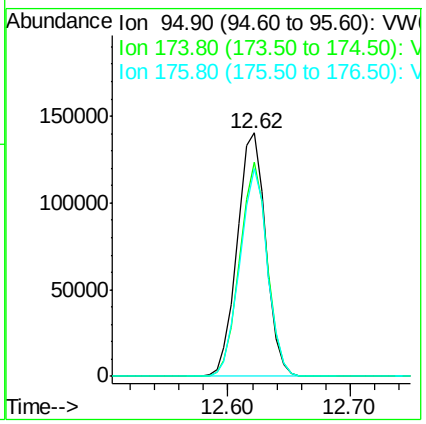


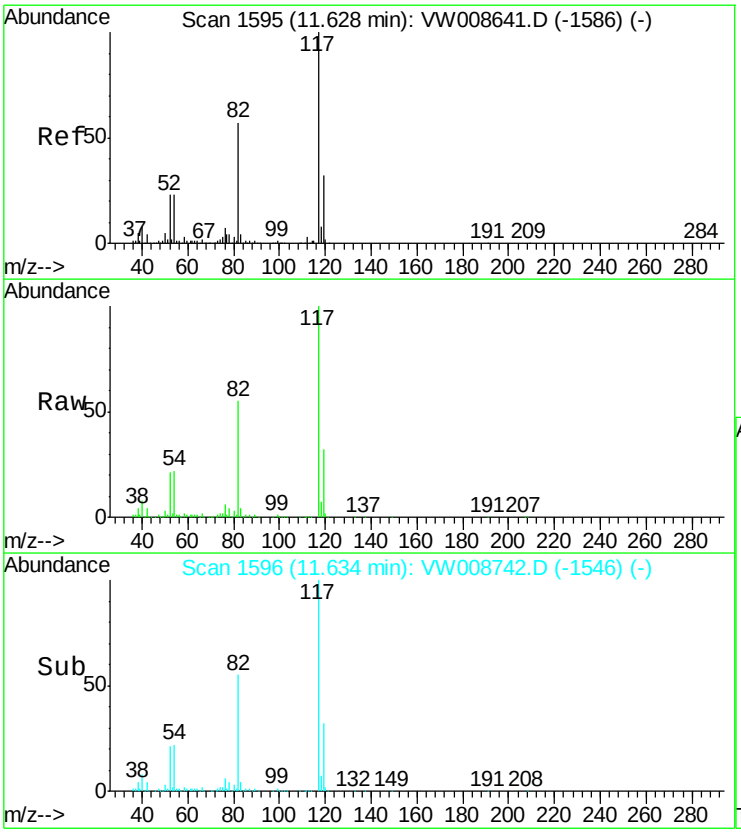
#62
4-Bromofluorobenzene
Concen: 47.492 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 227136

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	163.2
176	82.8	0.0	158.0

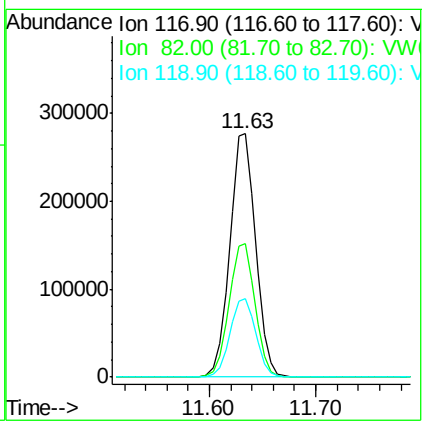


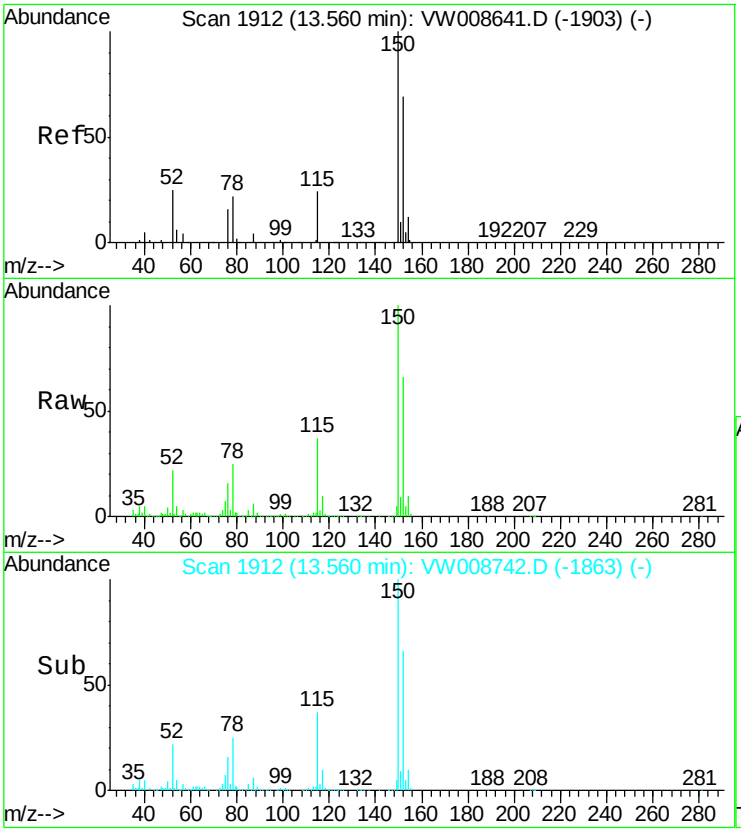


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion:117 Resp: 471476

Ion	Ratio	Lower	Upper
117	100		
82	54.7	45.6	68.4
119	32.2	25.7	38.5



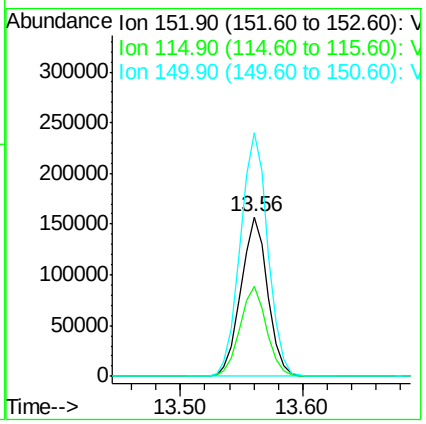


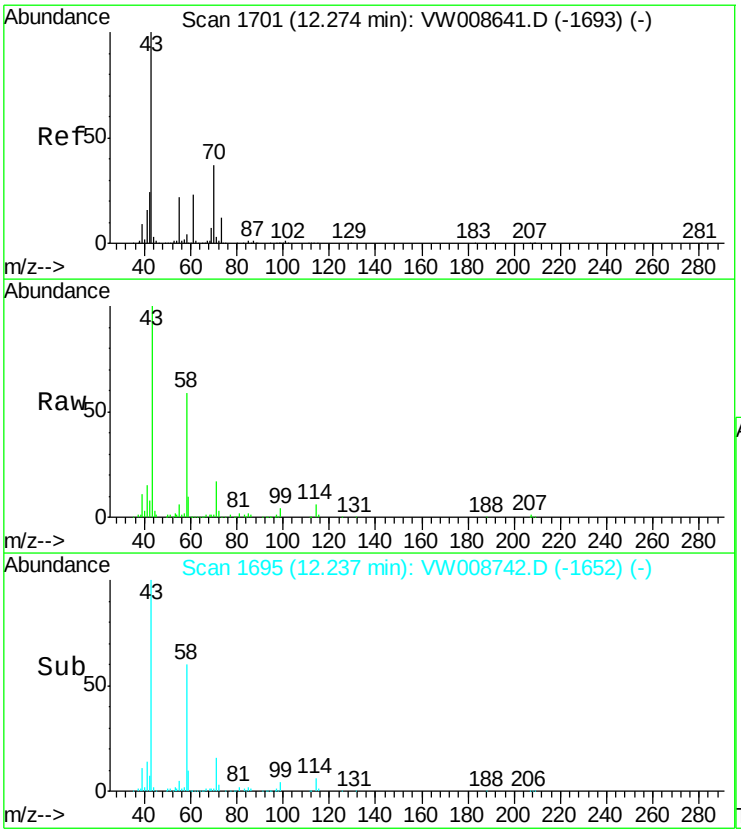
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:152 Resp: 237843

Ion	Ratio	Lower	Upper
152	100		
115	56.2	29.3	87.8
150	156.9	0.0	352.8

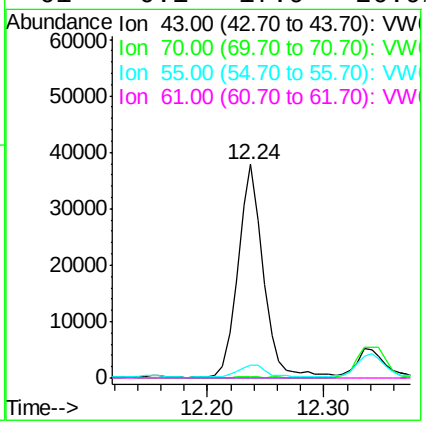


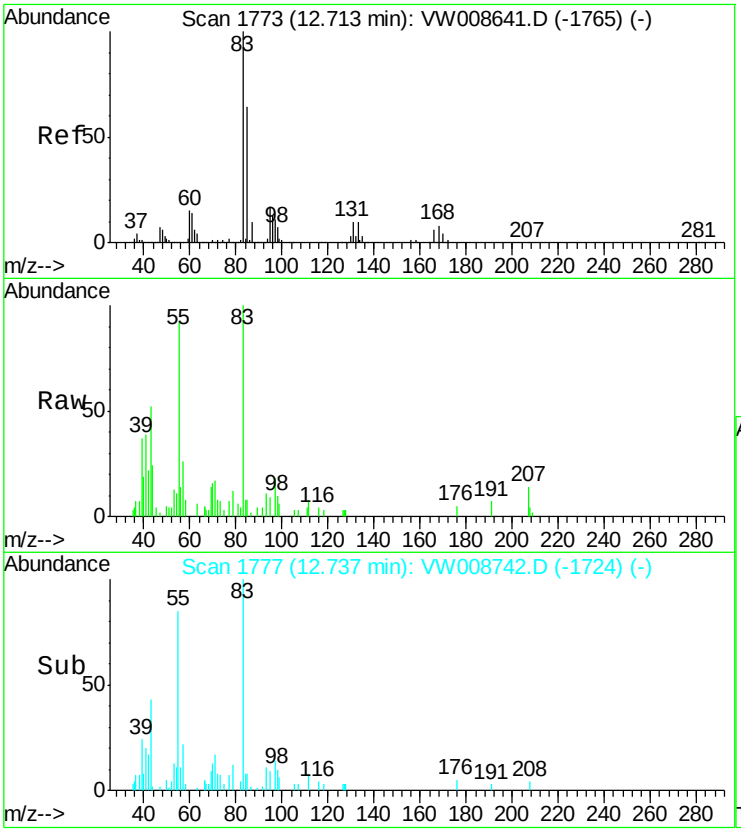


#74
N-amyl acetate
Concen: 11.915 ug/l
RT: 12.24 min Scan# 1695
Delta R.T. -0.04 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 43 Resp: 57082

Ion	Ratio	Lower	Upper
43	100		
70	0.7	30.5	45.7#
55	6.5	17.6	26.4#
61	0.1	17.9	26.9#



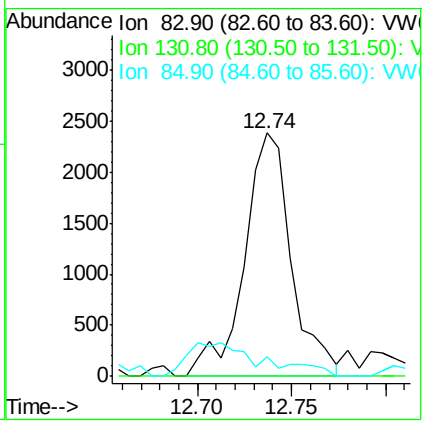


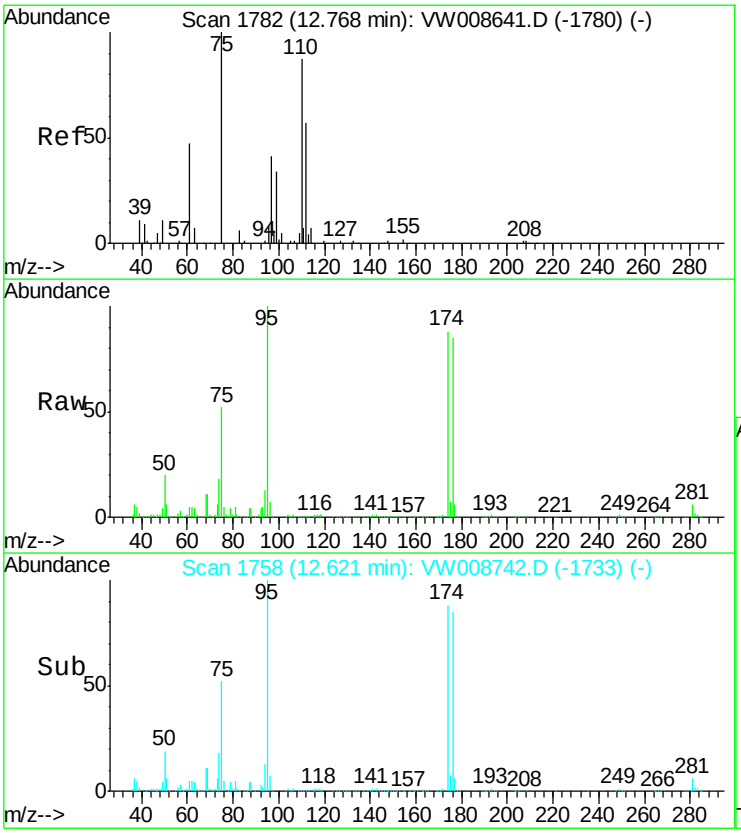
#75
1,1,2,2-Tetrachloroethane
Concen: 1.337 ug/l
RT: 12.74 min Scan# 1777
Delta R.T. 0.02 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 4121

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7#
85	0.0	31.8	95.3#

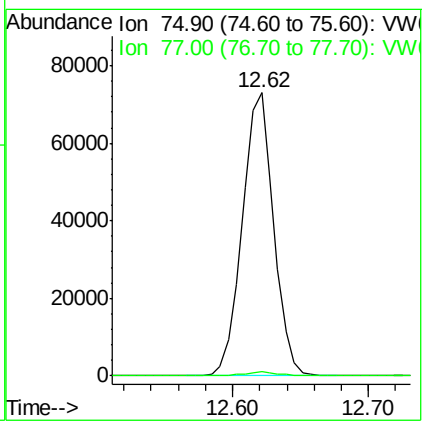


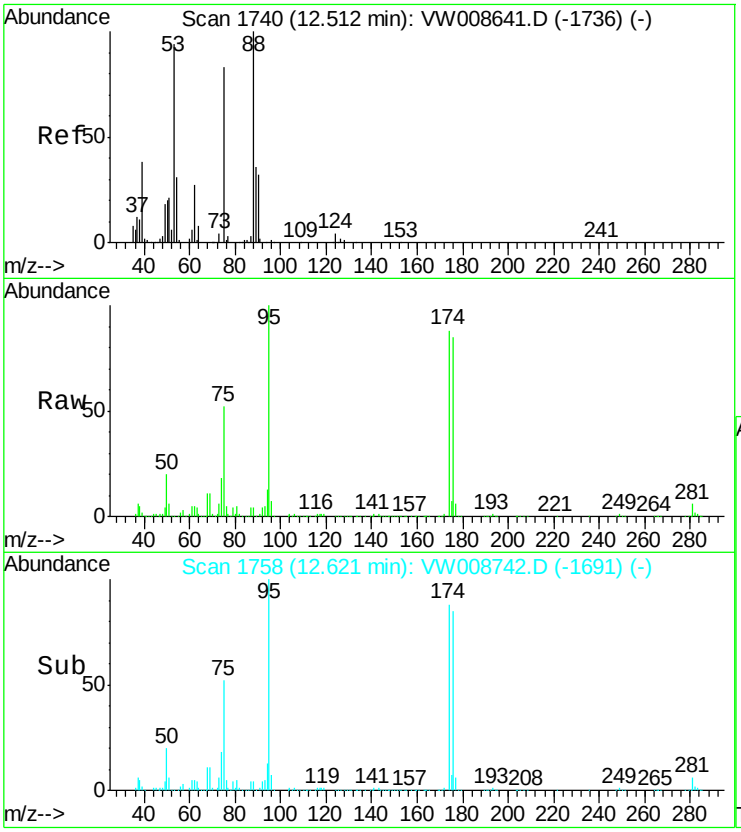


#76
1,2,3-Trichloropropane
Concen: 49.944 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Tgt Ion: 75 Resp: 117298

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 107.087 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008742.D
Acq: 18 Feb 2019 21:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 117298

Ion	Ratio	Lower	Upper
75	100		
53	0.3	87.4	131.0#
89	0.0	37.0	55.4#