Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007787.D
Acq On : 21 Dec 2018 11:16
Operator : SY/AP
Sample : J6389-12
Misc : 6.01G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Dec 21 12:24:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	62538	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	105643	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	68959	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	20134	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	35070	51.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.32%				
35) Dibromofluoromethane	7.88	113	29018	45.03	ug/l		0.00
Spiked Amount 50.000			Recovery = 90.06%				
50) Toluene-d8	10.32	98	80666	33.20	ug/l		0.00
Spiked Amount 50.000			Recovery = 66.40%				
62) 4-Bromofluorobenzene	12.62	95	21747	23.17	ug/l		0.00
Spiked Amount 50.000			Recovery = 46.34%				
Target Compounds							Qvalue
11) Tert butyl alcohol	5.16	59	245	5.299	ug/l	#	73
16) Acetone	4.12	43	23749	185.024	ug/l		96
18) Methyl Acetate	4.68	43	914	2.994	ug/l	#	53
25) 2-Butanone	7.18	43	2558	17.014	ug/l	#	77
31) Cyclohexane	7.94	56	1215	1.191	ug/l	#	28
36) 1,1-Dichloropropene	7.95	75	4806	4.713	ug/l	#	48
37) Ethyl Acetate	7.26	43	567	1.611	ug/l	#	74
38) Carbon Tetrachloride	7.95	117	6456	5.376	ug/l	#	14
51) 4-Methyl-2-Pentanone	10.21	43	984	2.953	ug/l		100
52) Toluene	10.39	92	6188	3.390	ug/l		96
67) Ethyl Benzene	11.73	91	2722	1.063	ug/l		98
68) m/p-Xylenes	11.84	106	5464	5.500	ug/l		99
69) o-Xylene	12.17	106	1971	2.116	ug/l		98
76) 1,2,3-Trichloropropane	12.62	75	11126	71.496	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.62	75	11126	150.075	ug/l	#	10
84) 1,2,4-Trimethylbenzene	13.26	105	2093	1.580	ug/l		97
85) sec-Butylbenzene	13.26	105	2093	1.318	ug/l	#	56
92) 1,2-Dibromo-3-Chloropropan	14.33	75	192	4.097	ug/l	#	3
95) Naphthalene	15.37	128	1842	2.315	ug/l	#	90

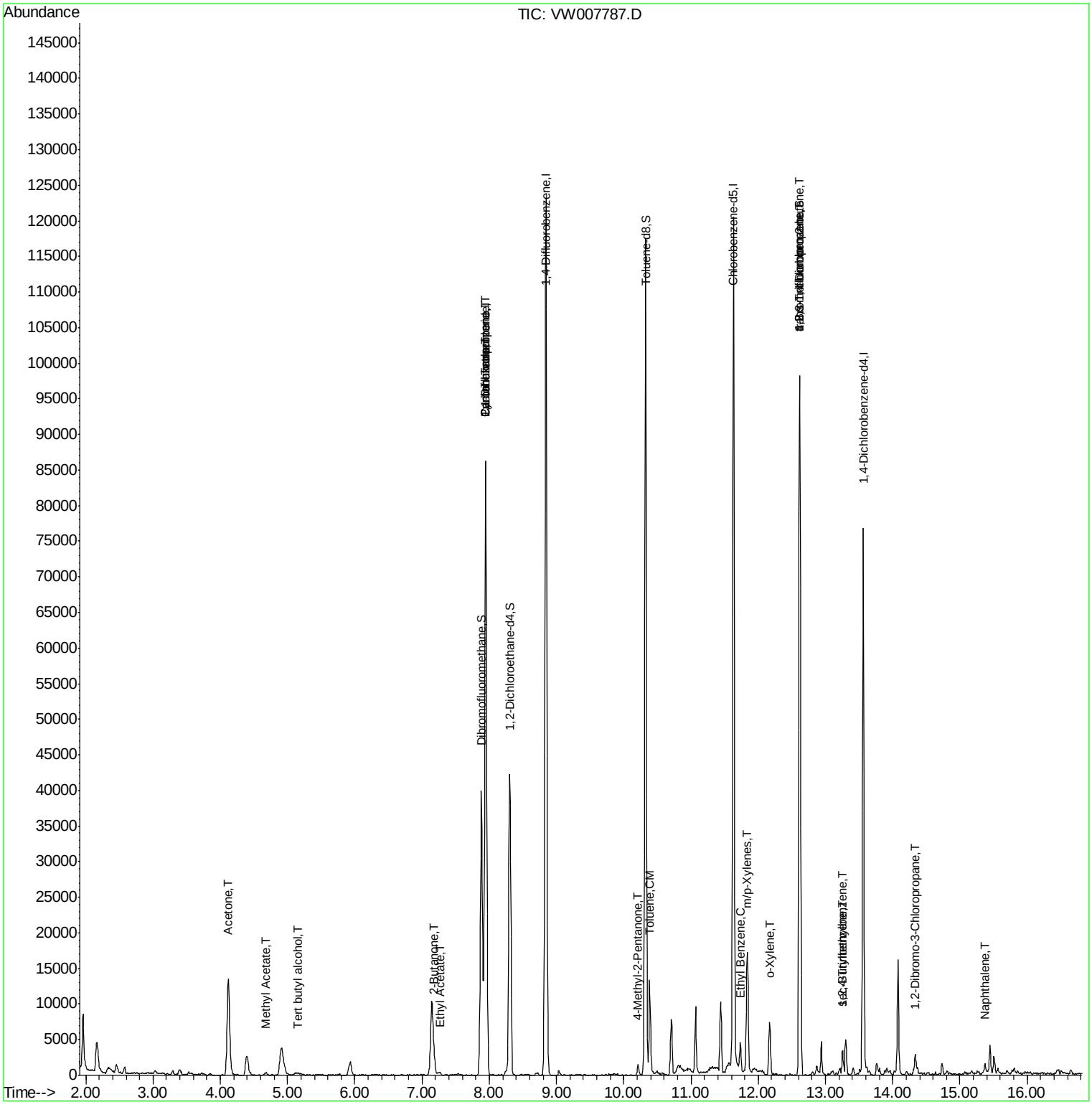
(#) = qualifier out of range (m) = manual integration (+) = signals summed

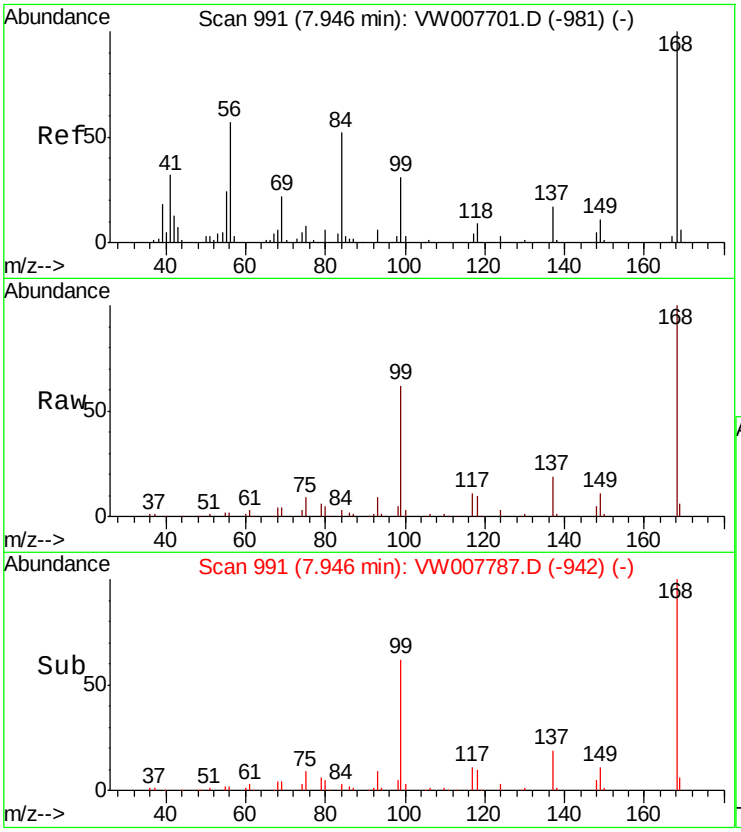
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007787.D
Acq On : 21 Dec 2018 11:16
Operator : SY/AP
Sample : J6389-12
Misc : 6.01G/5ML/MSVOA W/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 21 12:24:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 20 06:30:23 2018
Response via : Initial Calibration



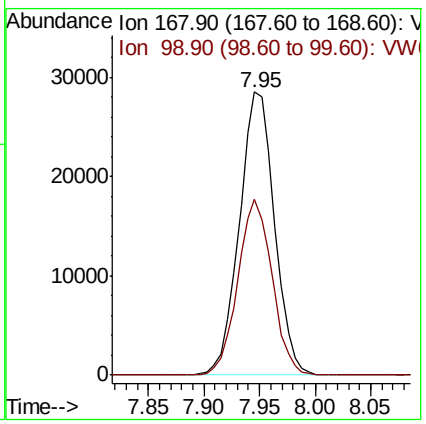


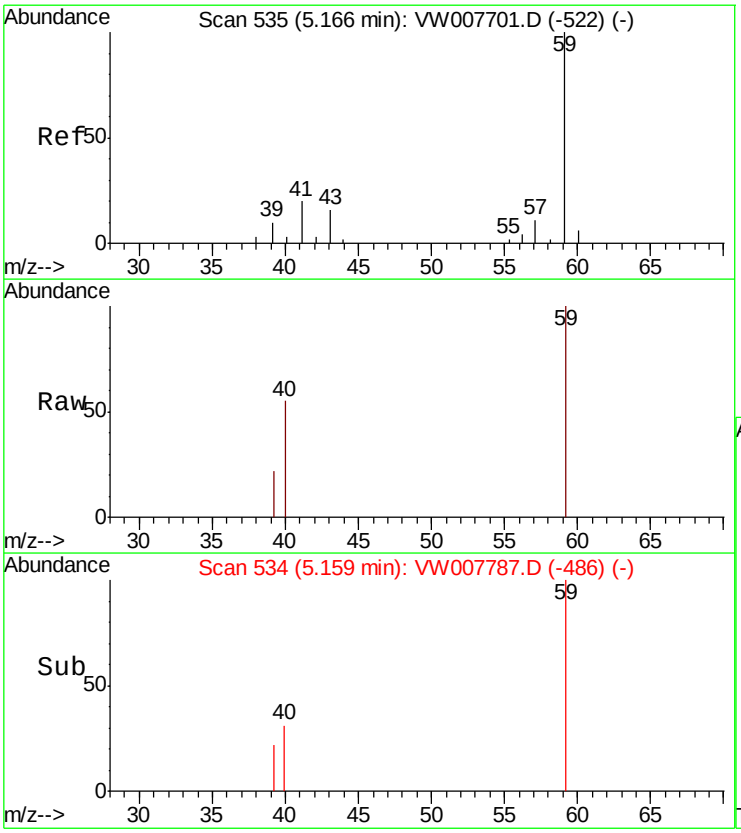
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:168 Resp: 62538

Ion	Ratio	Lower	Upper
168	100		
99	62.2	54.0	81.0

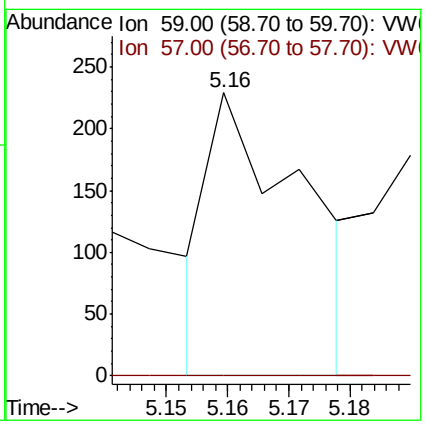


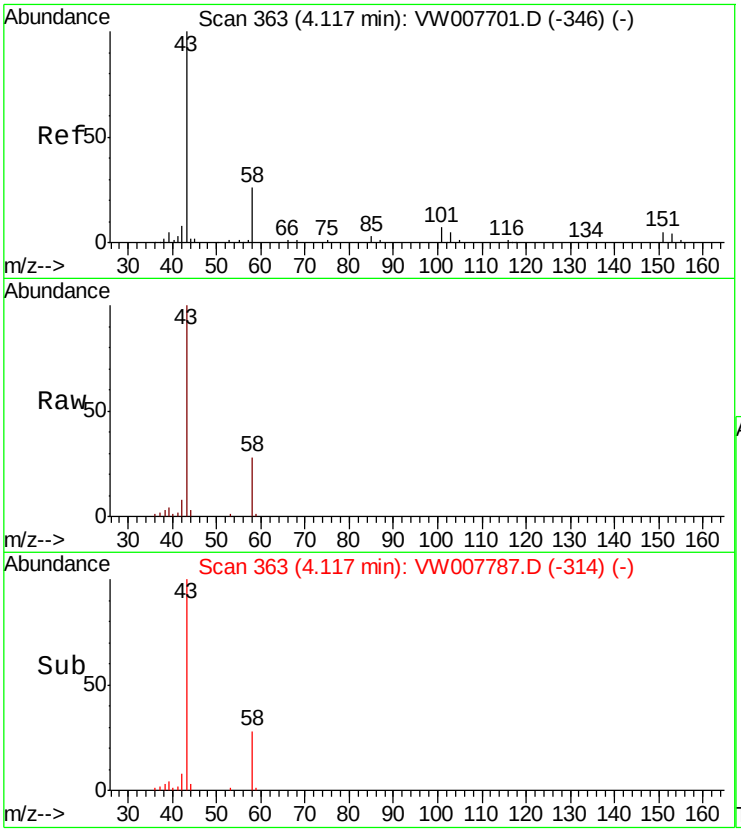


#11
Tert butyl alcohol
Concen: 5.299 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 59 Resp: 245

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



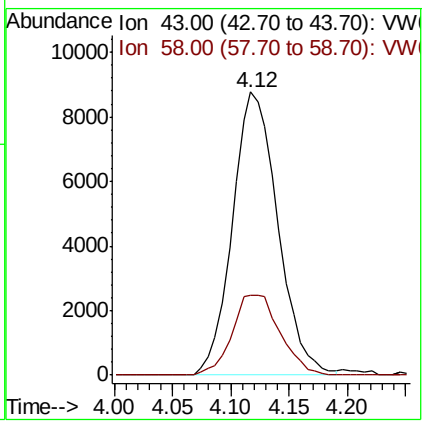


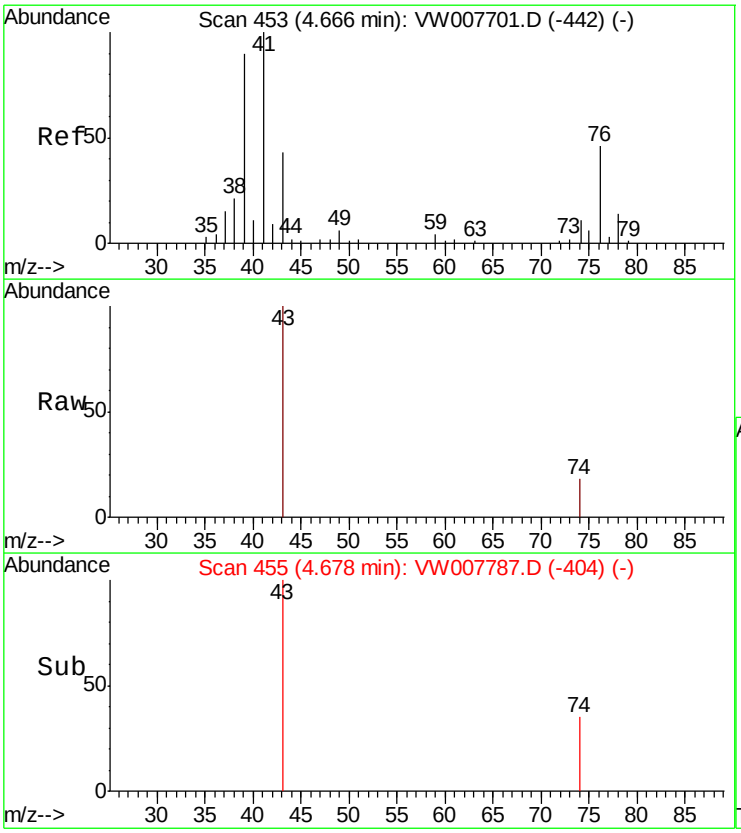
#16
Acetone
Concen: 185.024 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 23749

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.2	31.8

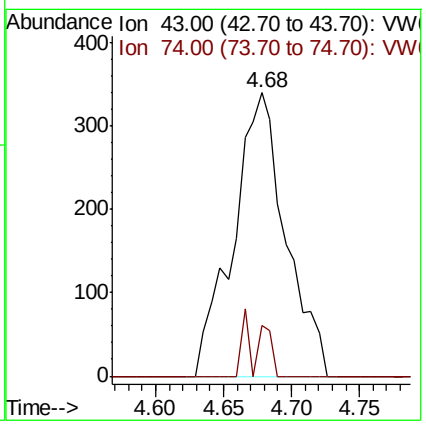


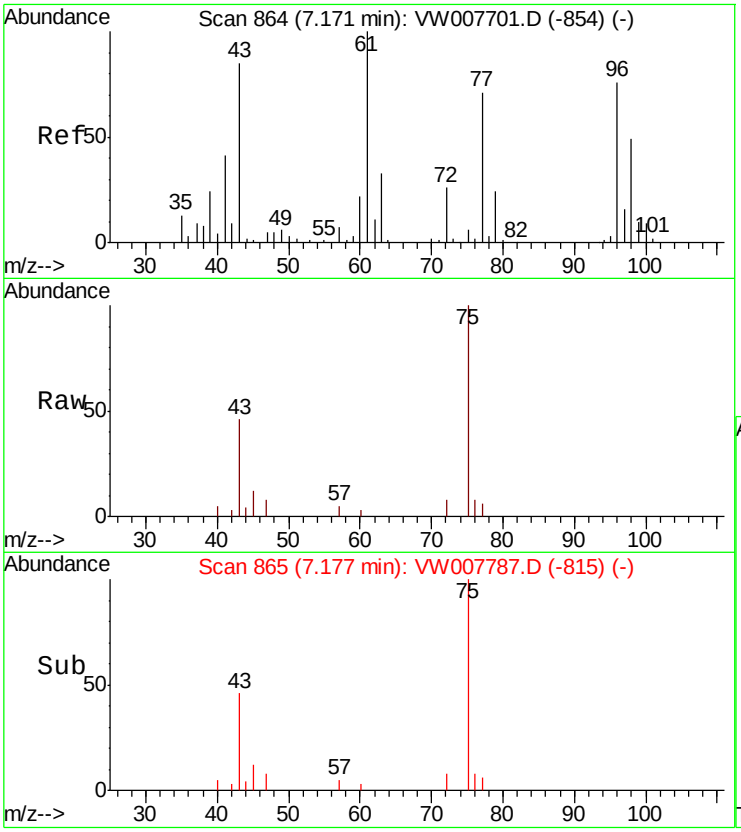


#18
Methyl Acetate
Concen: 2.994 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 43 Resp: 914

Ion	Ratio	Lower	Upper
43	100		
74	3.3	22.7	34.1#



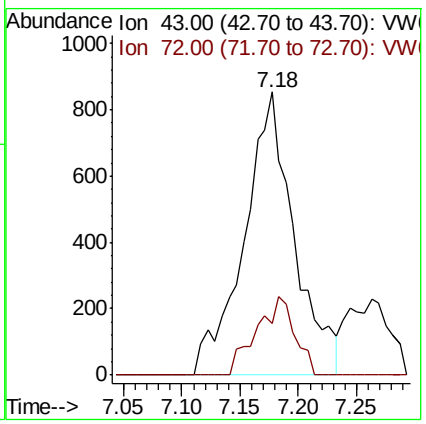


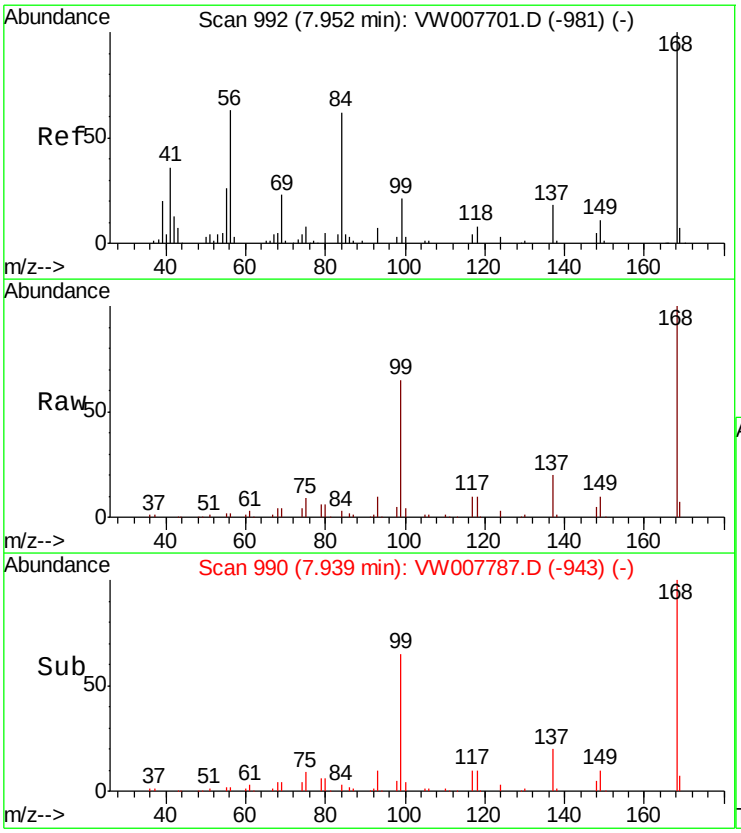
#25
2-Butanone
Concen: 17.014 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 2558

Ion	Ratio	Lower	Upper
43	100		
72	18.2	24.5	36.7#

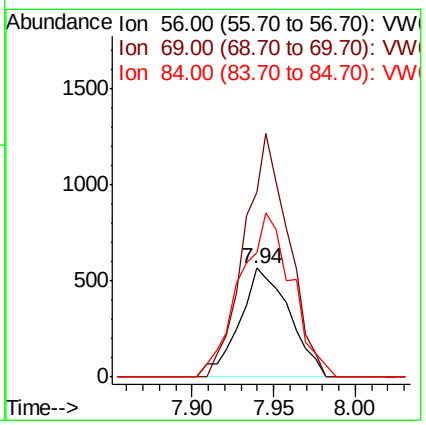


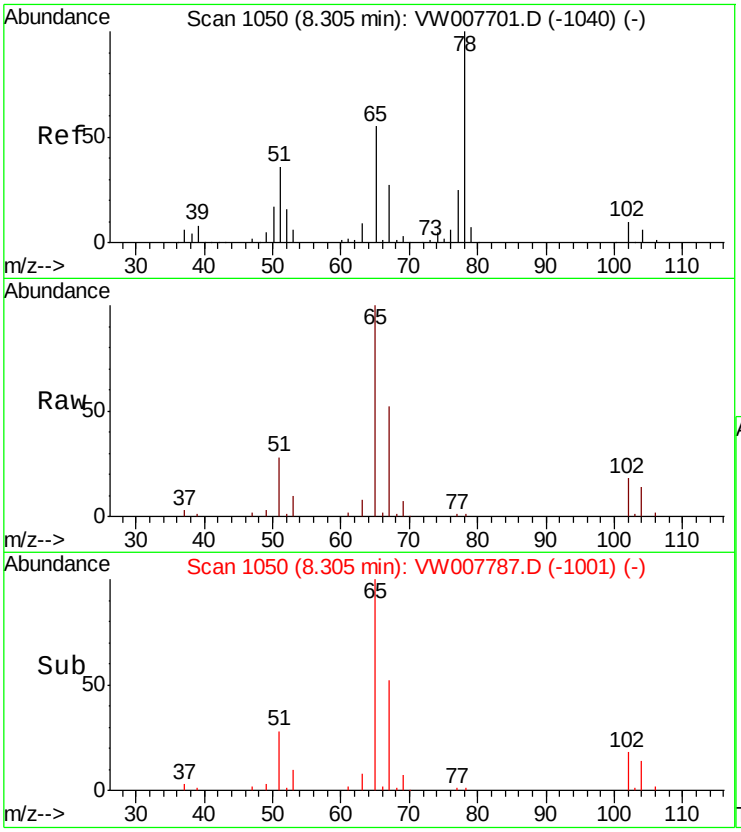


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 56 Resp: 1215

Ion	Ratio	Lower	Upper
56	100		
69	169.5	29.7	44.5#
84	114.3	78.9	118.3



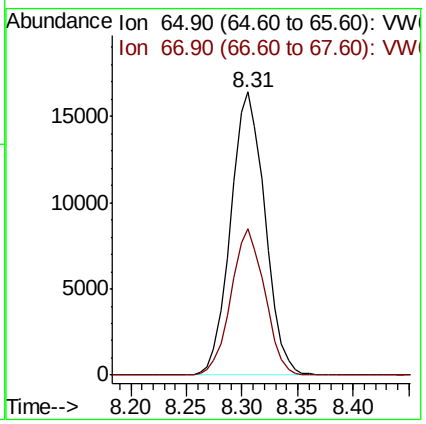


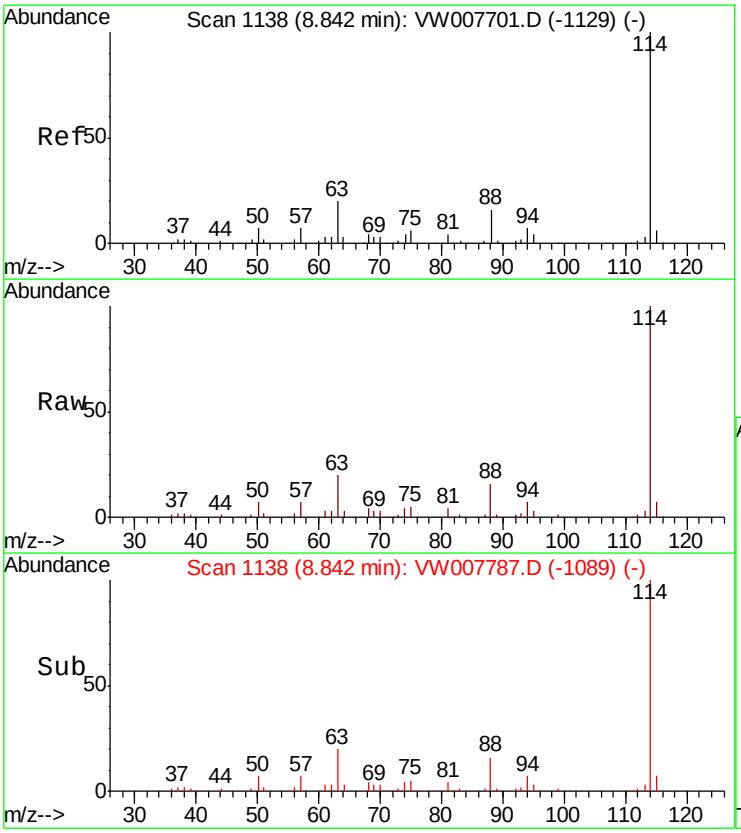
#33
1,2-Dichloroethane-d4
Concen: 51.164 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 65 Resp: 35070

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	100.6

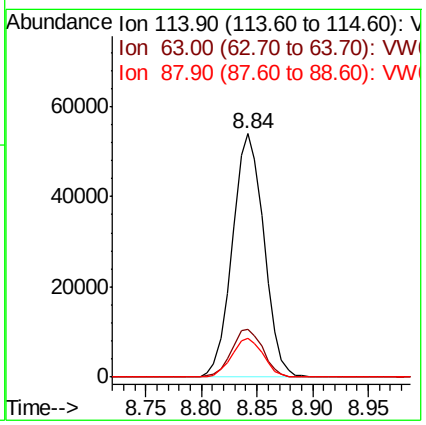


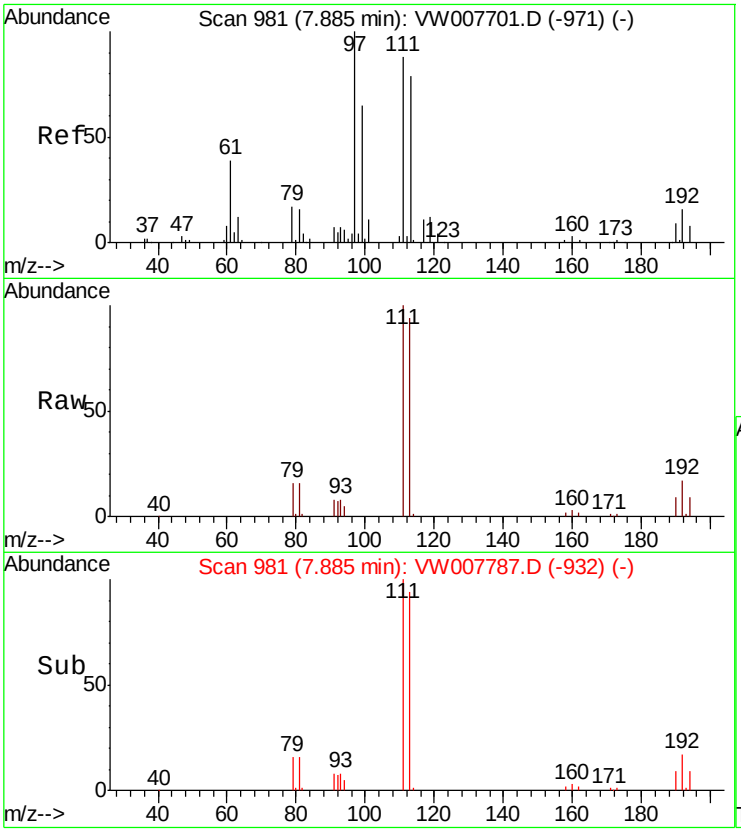


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:114 Resp: 105643

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.0
88	16.1	0.0	32.6



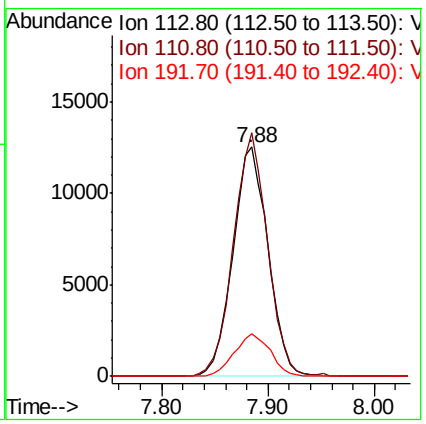


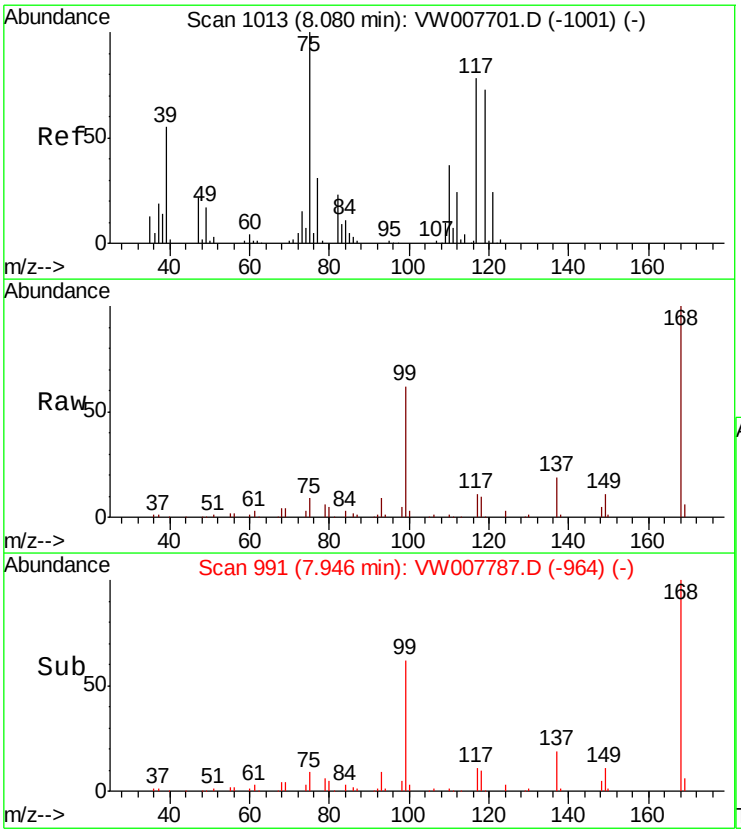
#35
Dibromofluoromethane
Concen: 45.026 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:113 Resp: 29018

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	18.7	15.5	23.3

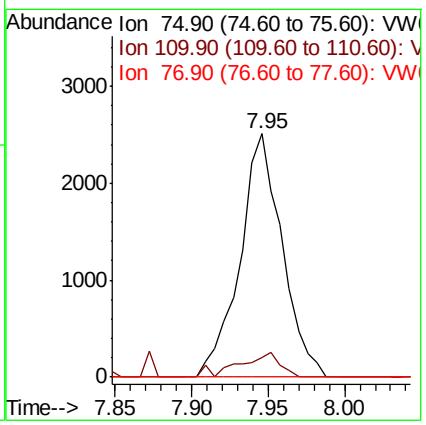


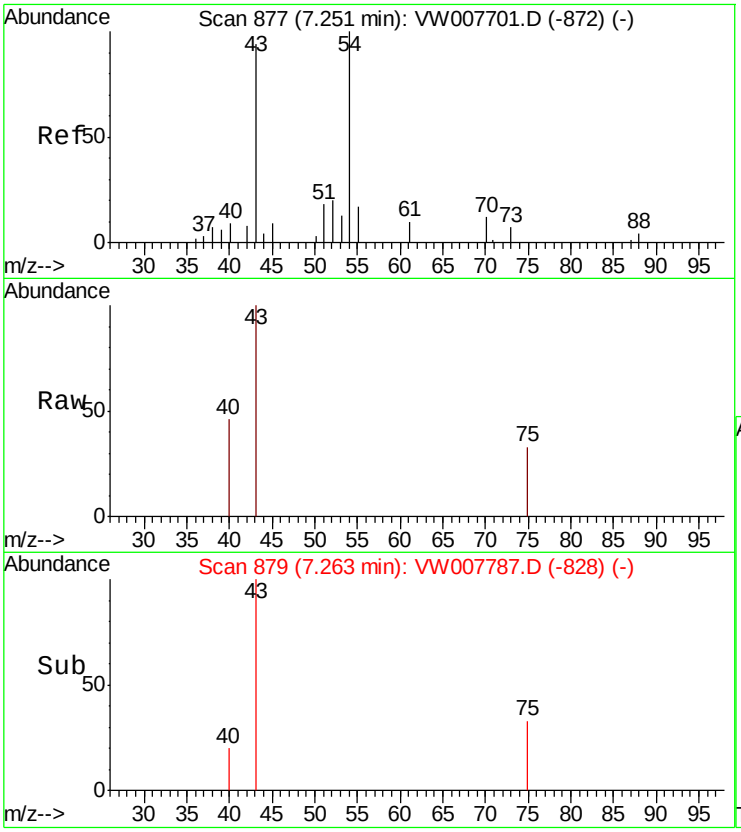


#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 75 Resp: 4806

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.6	55.8#
77	0.0	25.0	37.4#



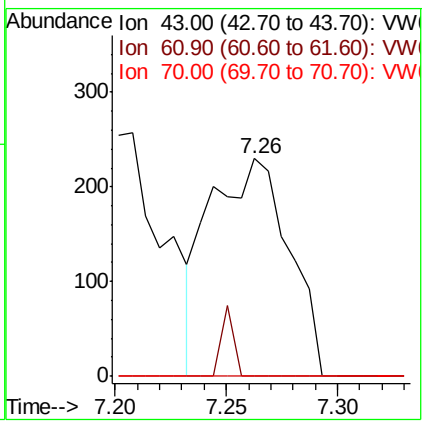


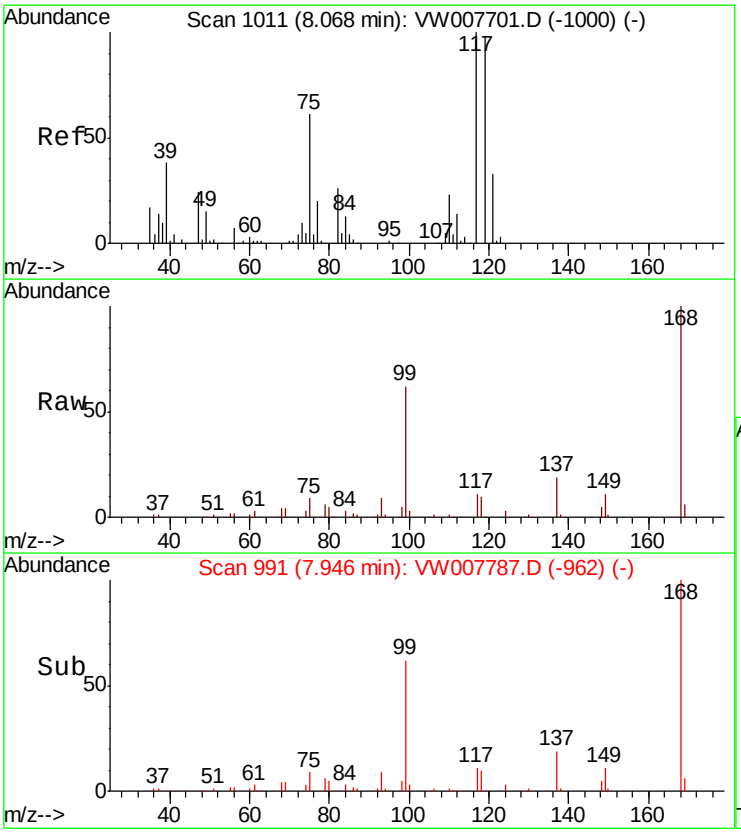
#37
Ethyl Acetate
Concen: 1.611 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 567

Ion	Ratio	Lower	Upper
43	100		
61	4.8	11.2	16.8#
70	0.0	9.3	13.9#

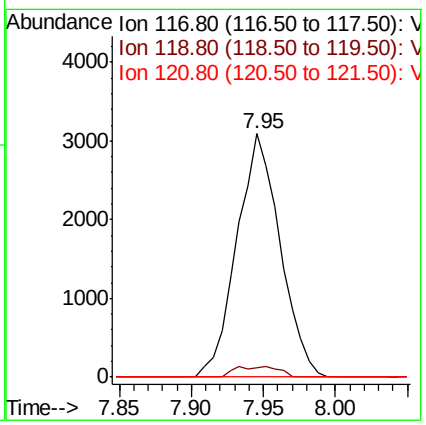


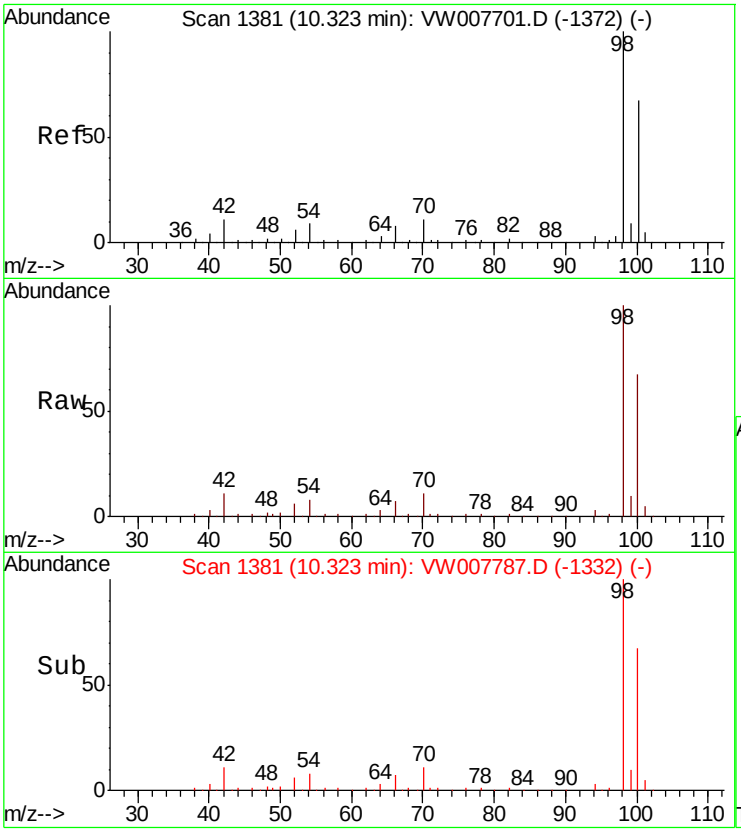


#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:117 Resp: 6456

Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.2	117.2#
121	0.0	26.1	39.1#



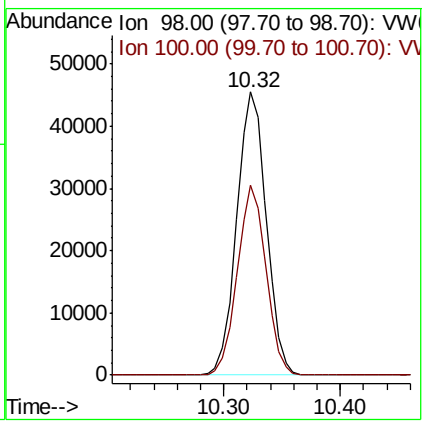


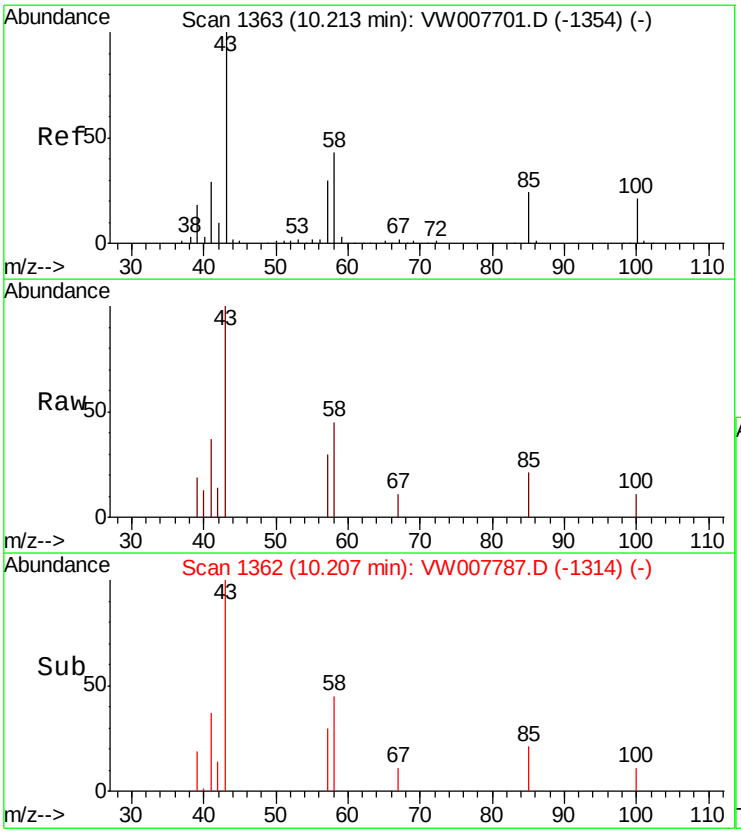
#50
Toluene-d8
Concen: 33.202 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 98 Resp: 80666

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.2

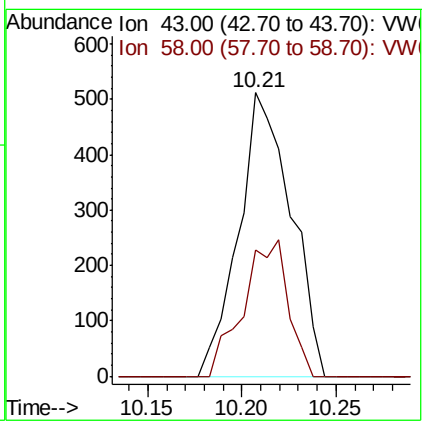


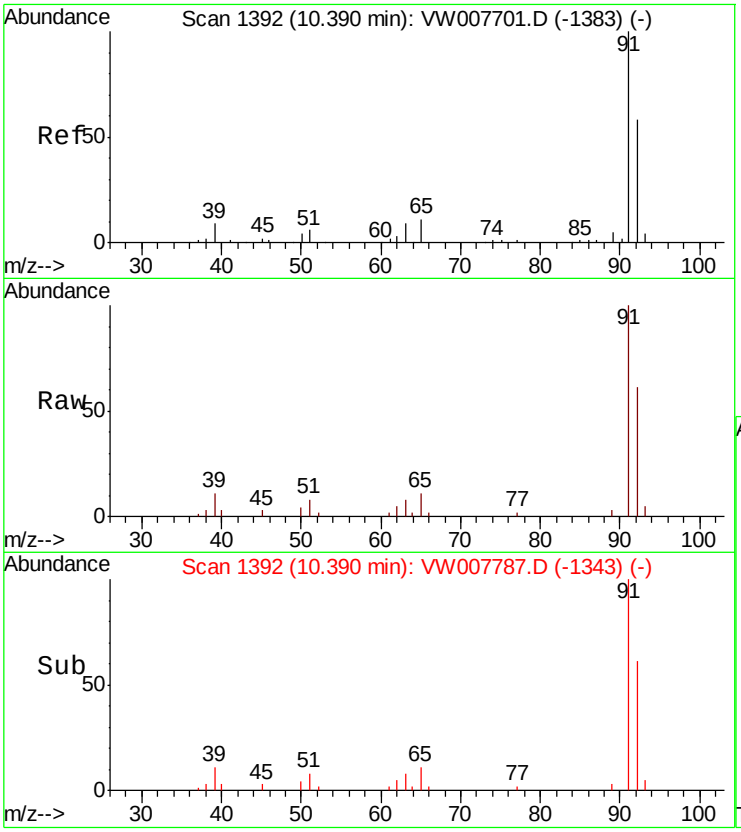


#51
4-Methyl-2-Pentanone
Concen: 2.953 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 43 Resp: 984

Ion	Ratio	Lower	Upper
43	100		
58	41.3	33.2	49.8



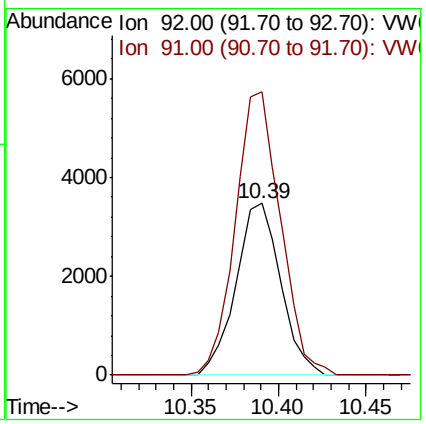


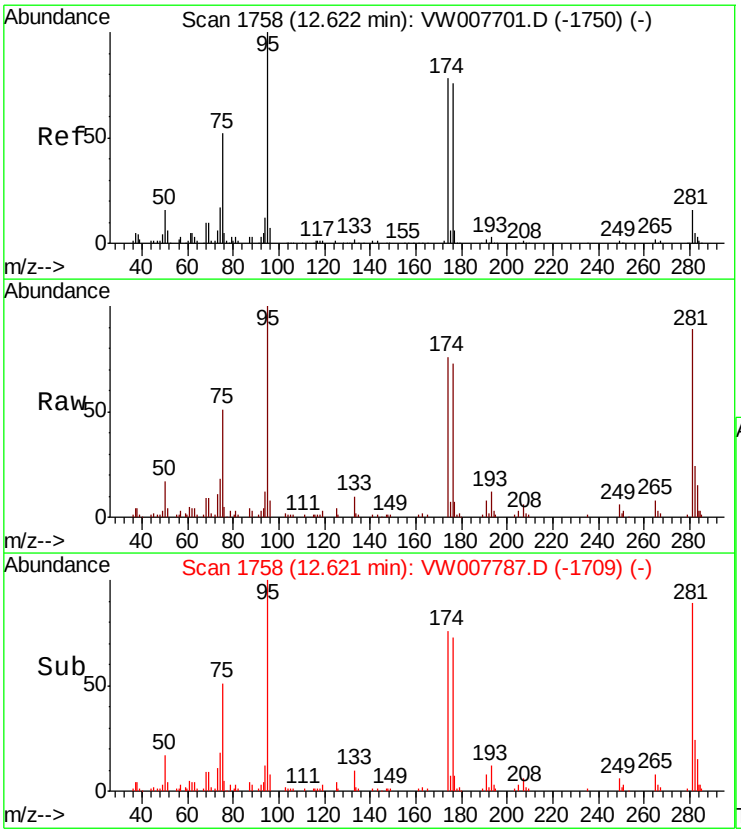
#52
Toluene
Concen: 3.390 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 92 Resp: 6188

Ion	Ratio	Lower	Upper
92	100		
91	166.0	137.0	205.4

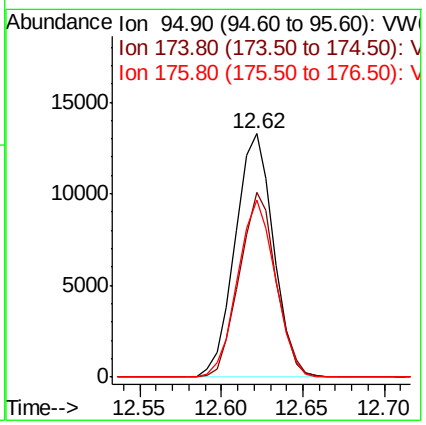


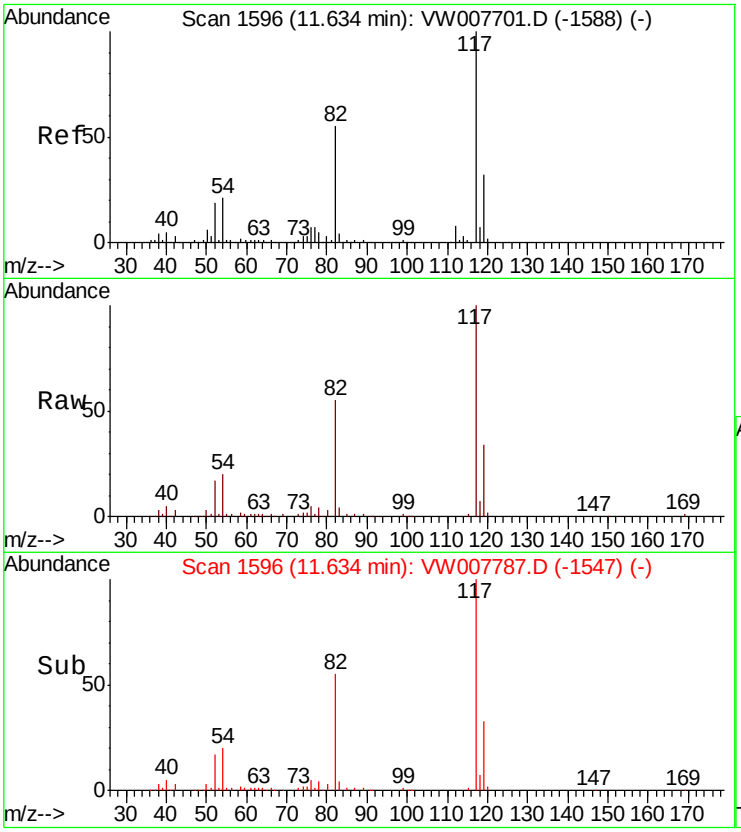


#62
4-Bromofluorobenzene
Concen: 23.170 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 95 Resp: 21747

Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	152.2
176	71.9	0.0	146.8



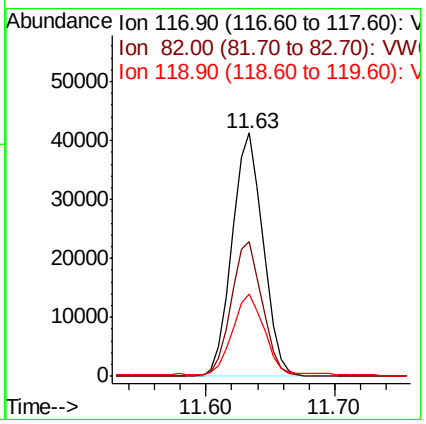


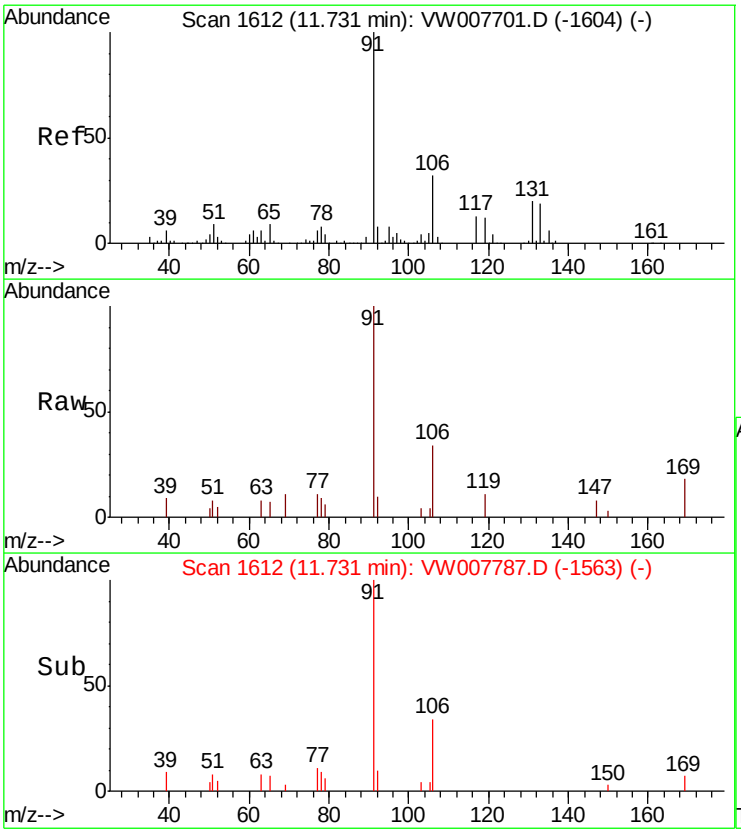
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:117 Resp: 68959

Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.3	66.5
119	33.2	25.7	38.5

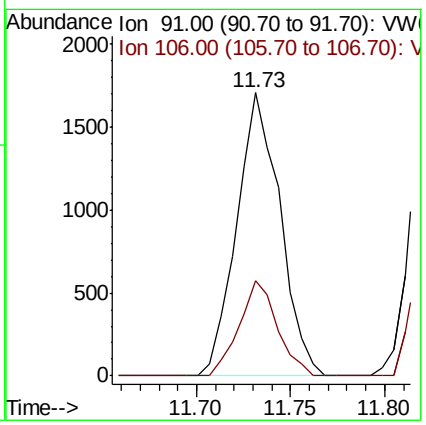


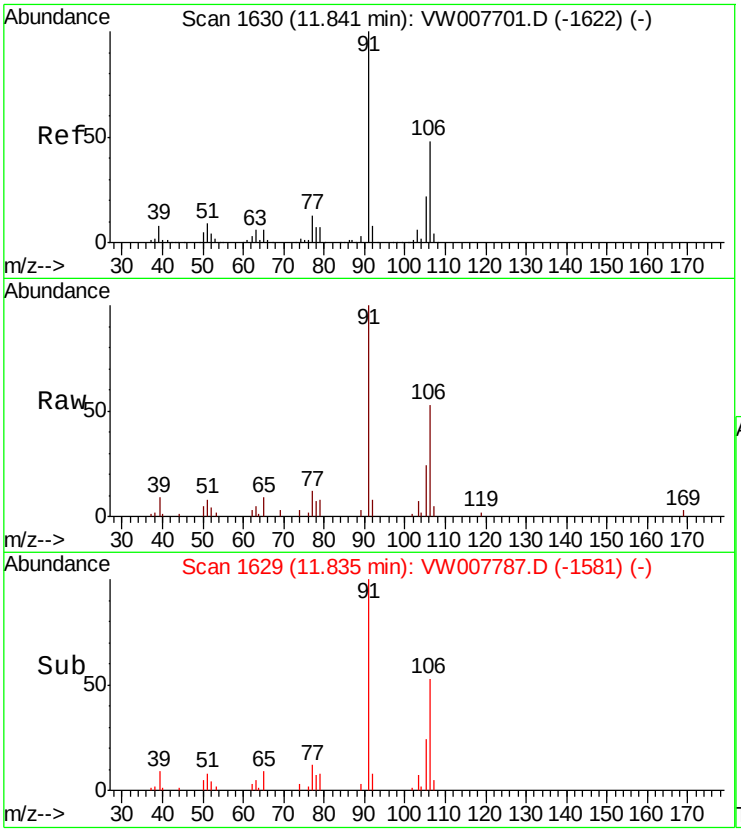


#67
Ethyl Benzene
Concen: 1.063 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 91 Resp: 2722

Ion	Ratio	Lower	Upper
91	100		
106	33.7	25.8	38.8



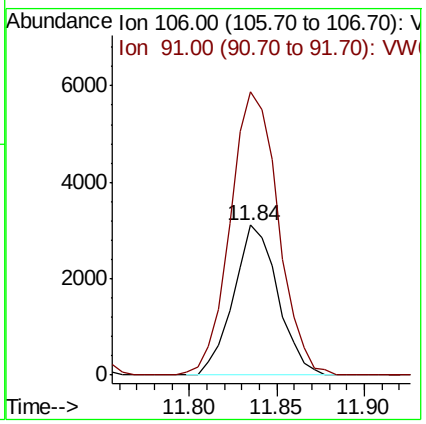


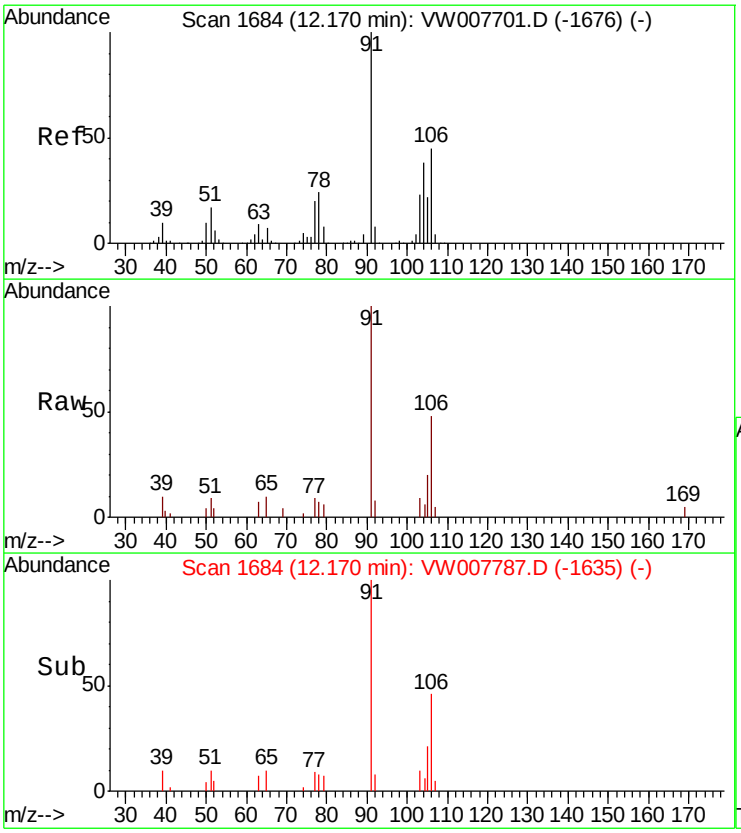
#68
m/p-Xylenes
Concen: 5.500 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:106 Resp: 5464

Ion	Ratio	Lower	Upper
106	100		
91	205.3	165.2	247.8

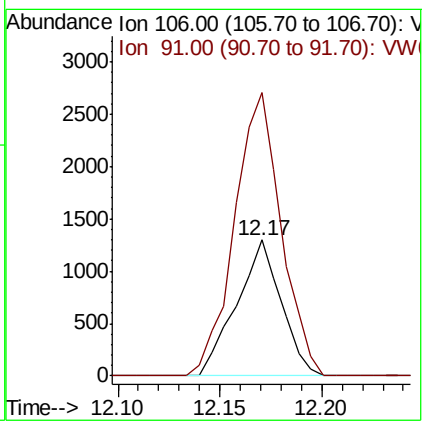


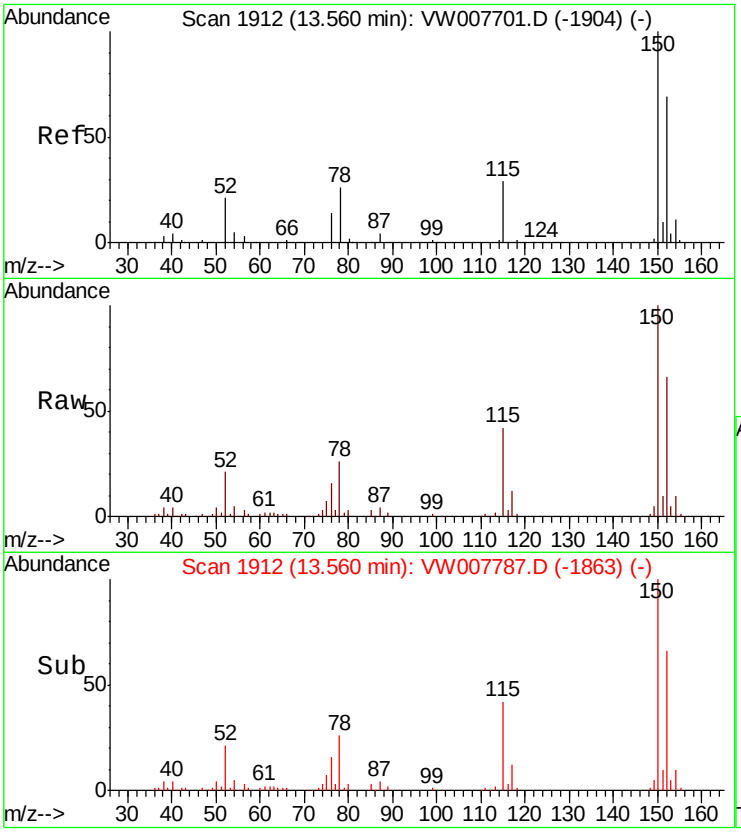


#69
o-Xylene
Concen: 2.116 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:106 Resp: 1971

Ion	Ratio	Lower	Upper
106	100		
91	217.6	110.5	331.4



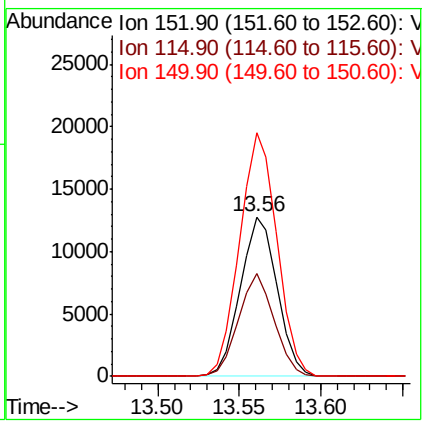


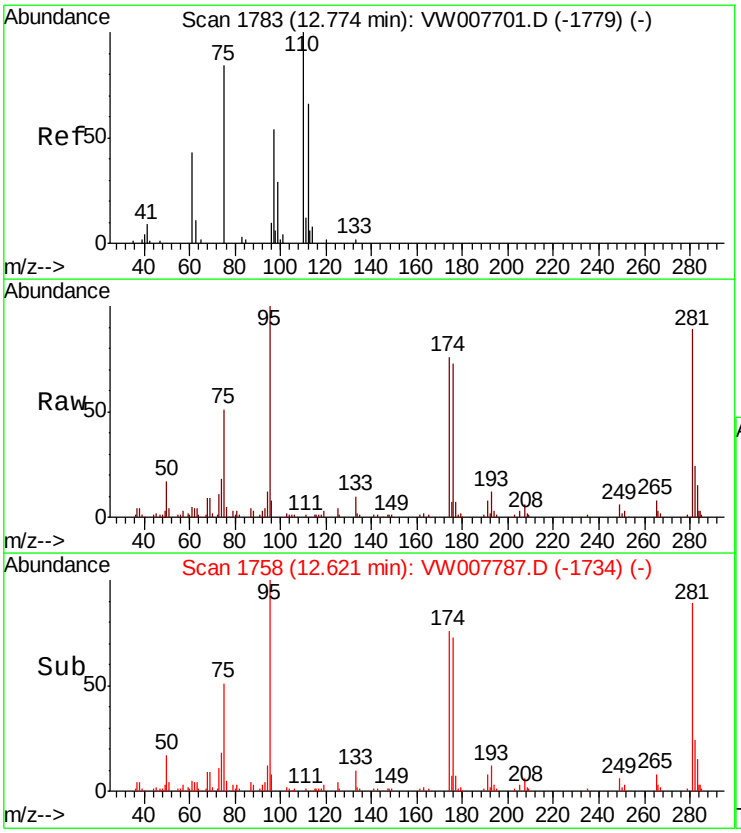
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:152 Resp: 20134

Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.8	95.4
150	154.5	0.0	350.8

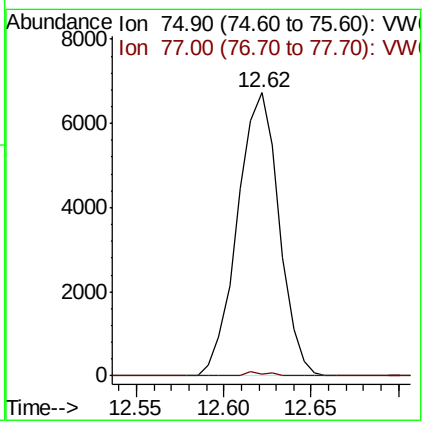


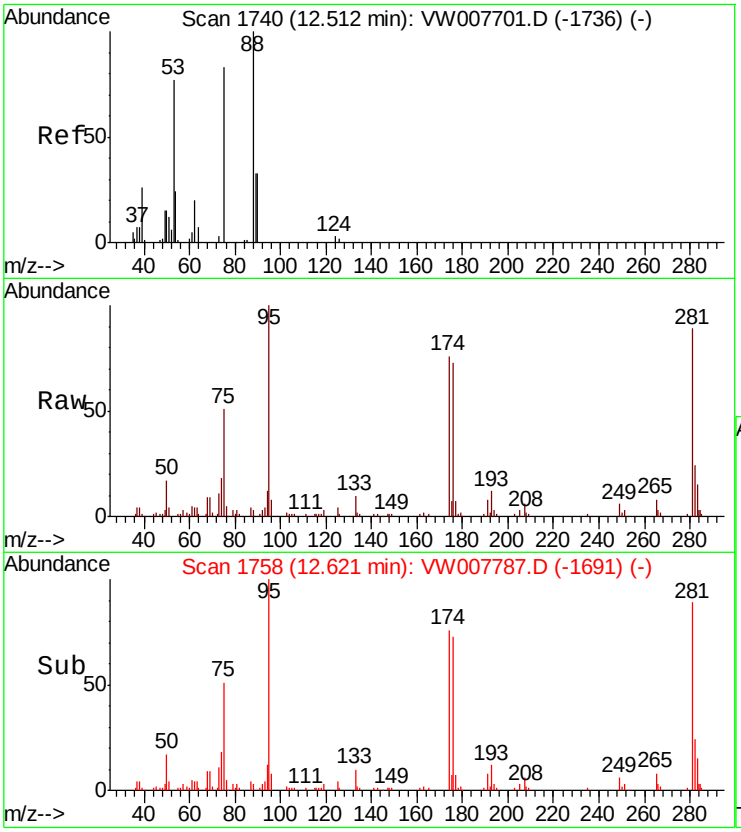


#76
1,2,3-Trichloropropane
Concen: 71.496 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 75 Resp: 11126

Ion	Ratio	Lower	Upper
75	100		
77	0.7	0.0	0.0#



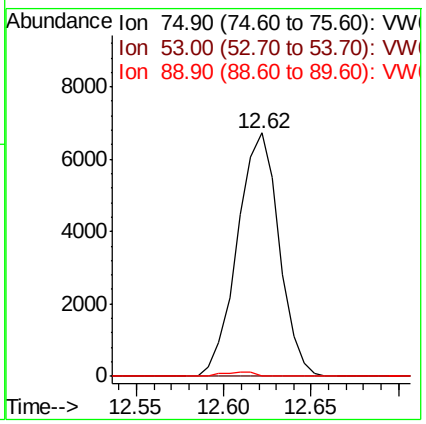


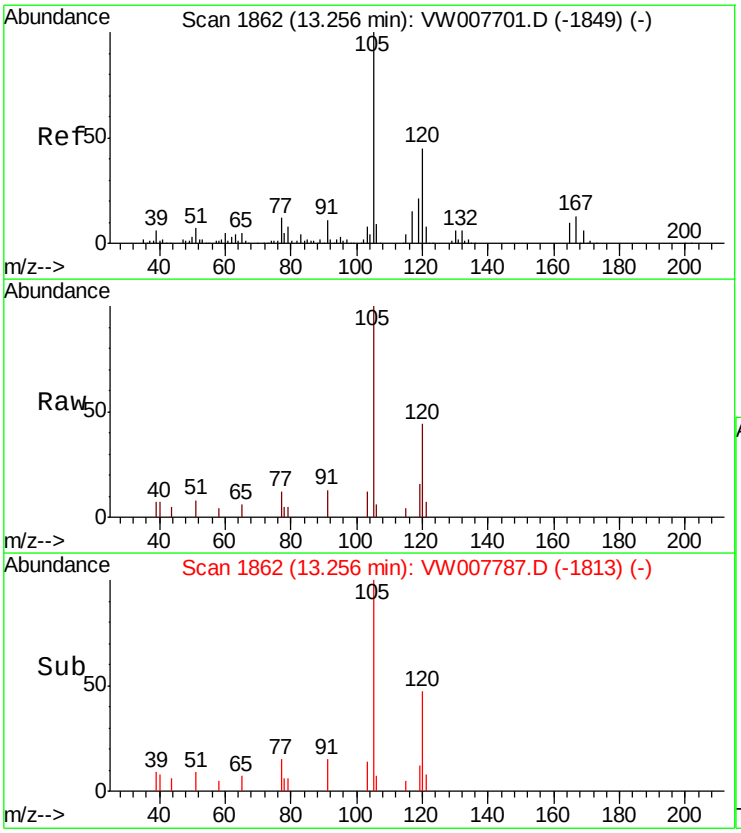
#81
trans-1,4-Dichloro-2-butene
Concen: 150.075 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 11126

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.2#
89	1.3	39.2	58.8#

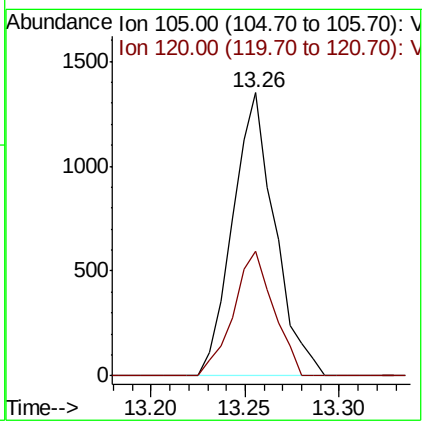


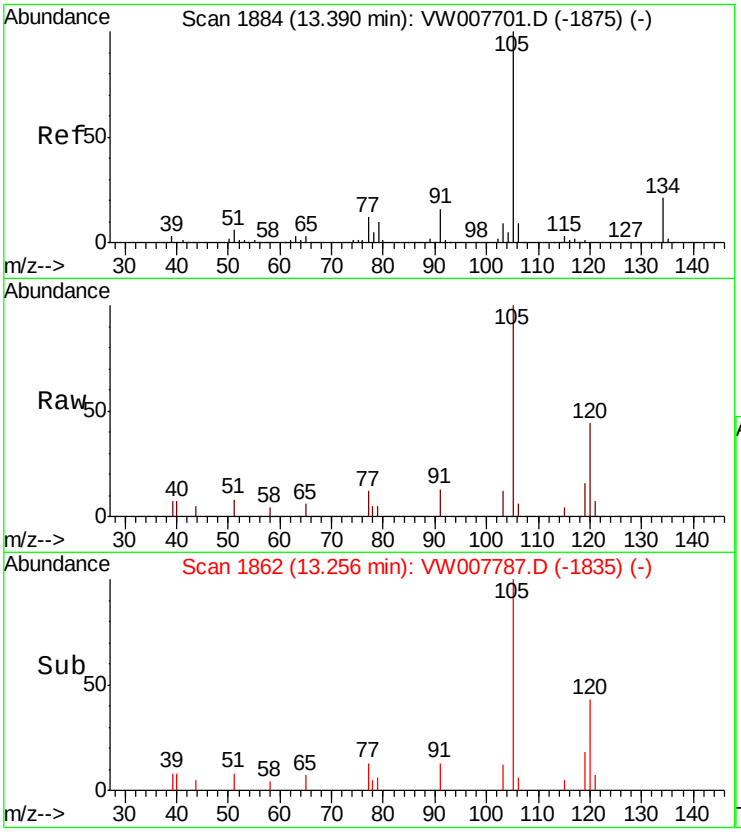


#84
1,2,4-Trimethylbenzene
Concen: 1.580 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion:105 Resp: 2093

Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.0	66.0



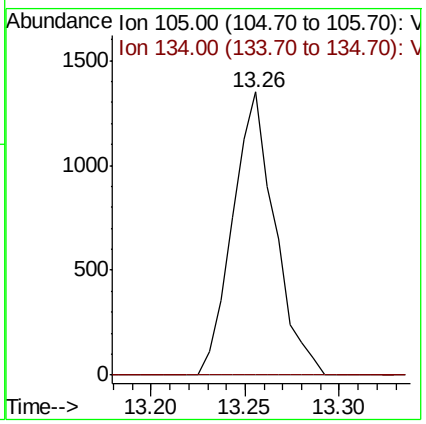


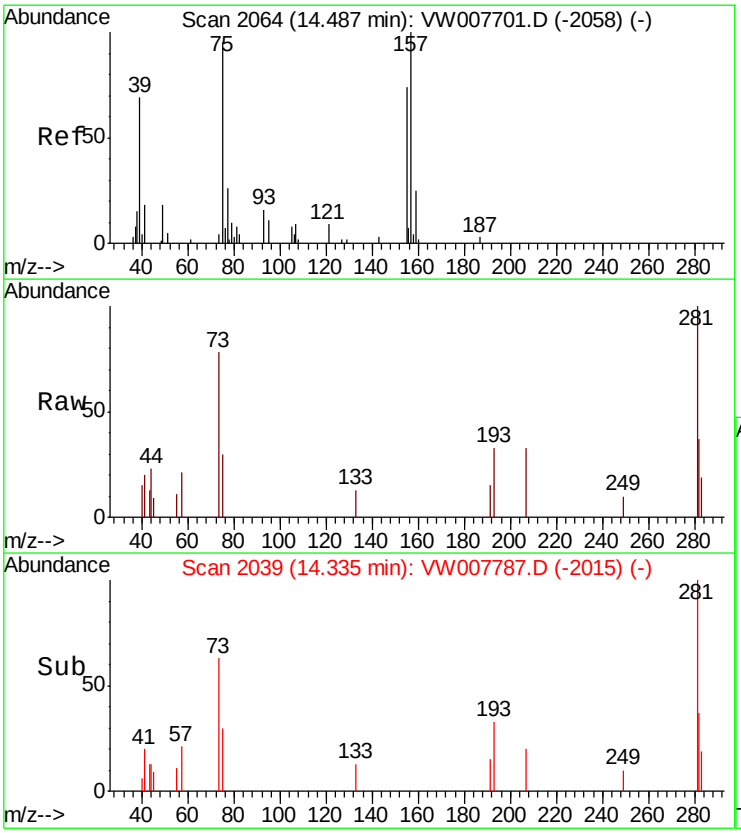
#85
sec-Butylbenzene
Concen: 1.318 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument : MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 2093

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#

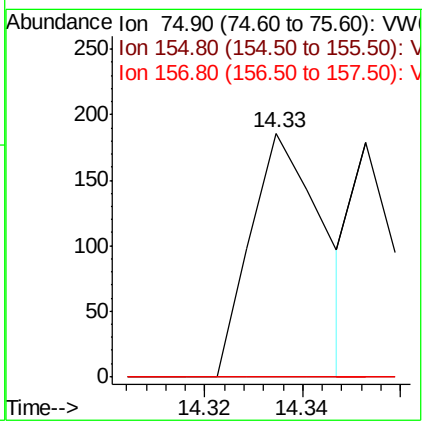


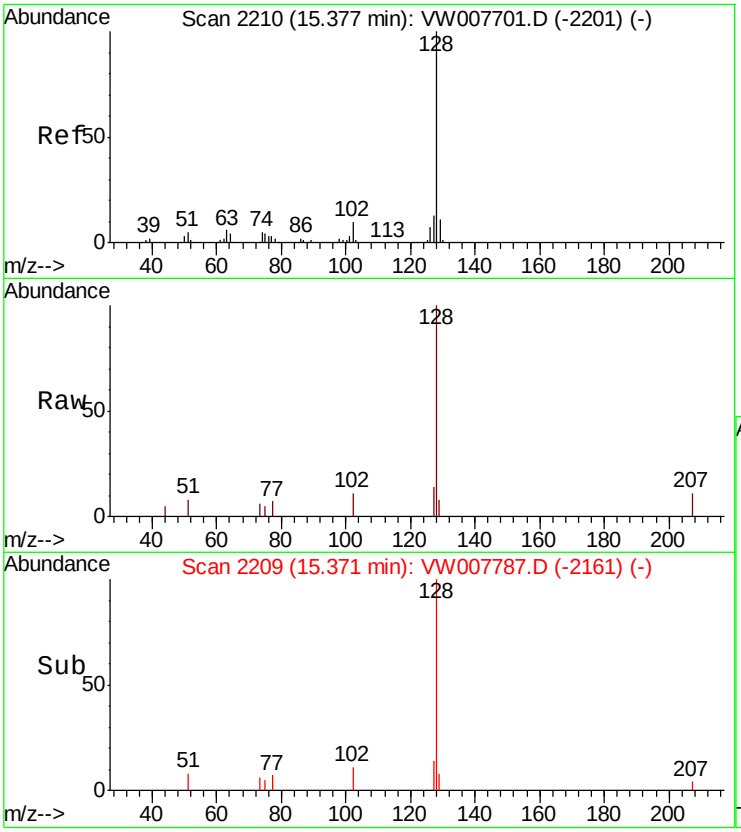


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.097 ug/l
RT: 14.33 min Scan# 2039
Delta R.T. -0.15 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Tgt Ion: 75 Resp: 192

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.4	118.1#
157	0.0	52.0	156.0#





#95
Naphthalene
Concen: 2.315 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007787.D
Acq: 21 Dec 2018 11:16

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 1842

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.7	16.1
129	4.1	8.8	13.2#