Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122218\
Data File : VW007779.D
Acq On : 21 Dec 2018 07:48
Operator : SY/AP
Sample : J6389-04
Misc : 6.43G/5ML/MSVOA_W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Quant Time: Dec 21 10:07:28 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	38951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	70497	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	55708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	18101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	24153	56.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.14%			
35) Dibromofluoromethane	7.88	113	20212	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.00%			
50) Toluene-d8	10.32	98	58289	35.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 71.90%			
62) 4-Bromofluorobenzene	12.62	95	19303	30.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 61.64%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	313	1.813	ug/l #	1
11) Tert butyl alcohol	5.16	59	287	9.966	ug/l #	73
16) Acetone	4.12	43	19069	238.527	ug/l #	89
18) Methyl Acetate	4.67	43	773	4.066	ug/l #	51
20) Methylene Chloride	4.91	84	3257	2.106	ug/l	97
25) 2-Butanone	7.18	43	1547	16.521	ug/l #	87
29) Tetrahydrofuran	7.54	42	184	3.294	ug/l #	27
31) Cyclohexane	7.95	56	841	1.323	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	2996	4.403	ug/l #	49
38) Carbon Tetrachloride	7.95	117	4142	5.169	ug/l #	15
51) 4-Methyl-2-Pentanone	10.21	43	421	1.894	ug/l #	76
52) Toluene	10.39	92	2269	1.863	ug/l	97
68) m/p-Xylenes	11.84	106	1652	2.058	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	9810	70.120	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9810	147.186	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.26	105	2025	1.700	ug/l	97
85) sec-Butylbenzene	13.26	105	2025	1.419	ug/l #	56
95) Naphthalene	15.38	128	2194	3.067	ug/l #	89

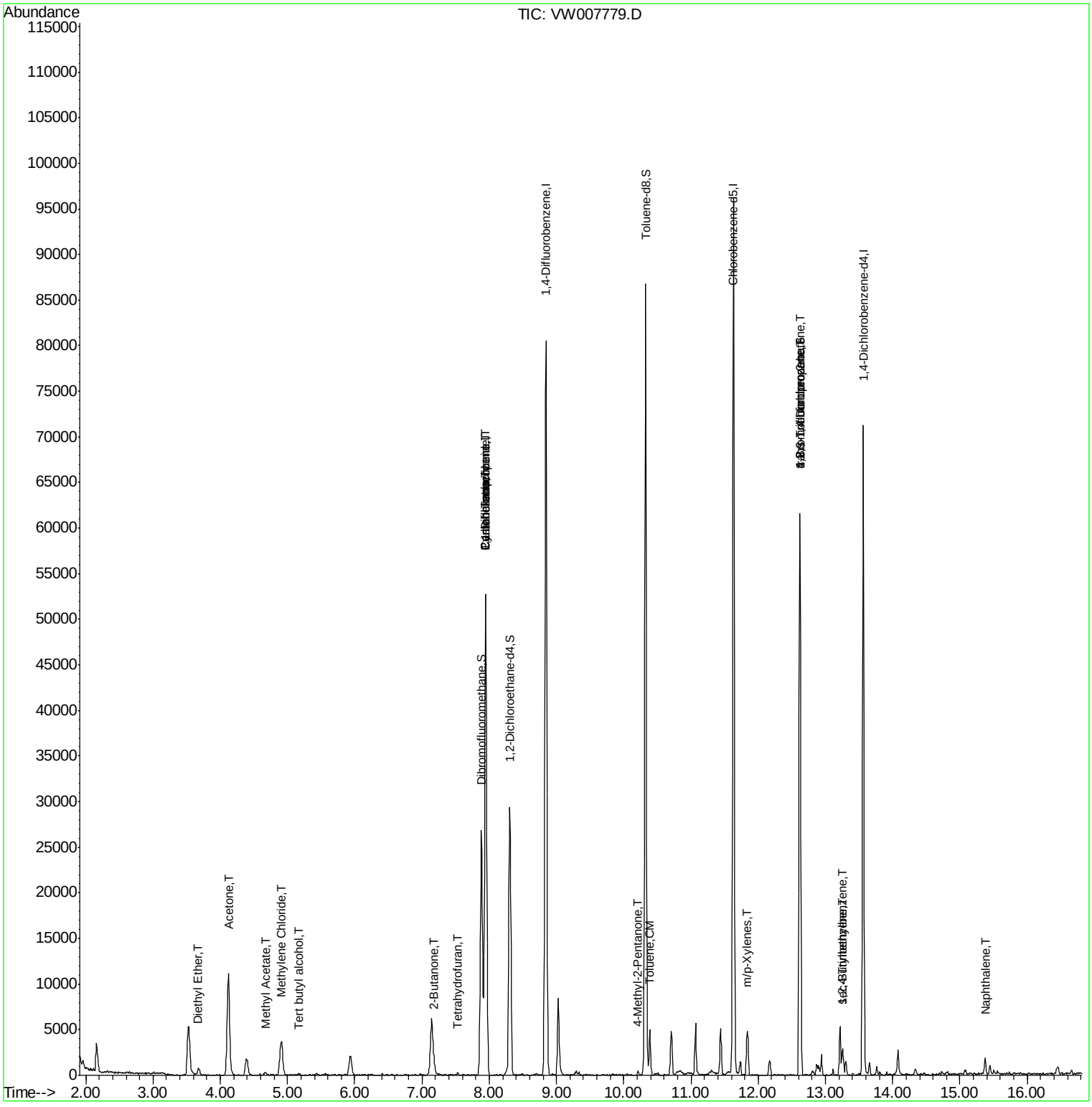
(#) = qualifier out of range (m) = manual integration (+) = signals summed

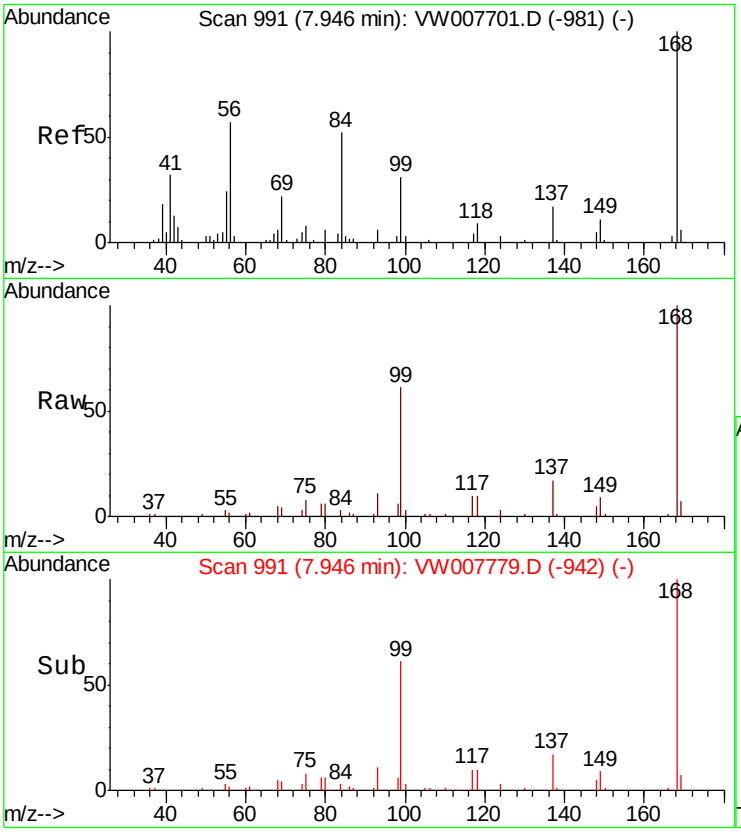
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122218\
Data File : VW007779.D
Acq On : 21 Dec 2018 07:48
Operator : SY/AP
Sample : J6389-04
Misc : 6.43G/5ML/MSVOA W/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Quant Time: Dec 21 10:07:28 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



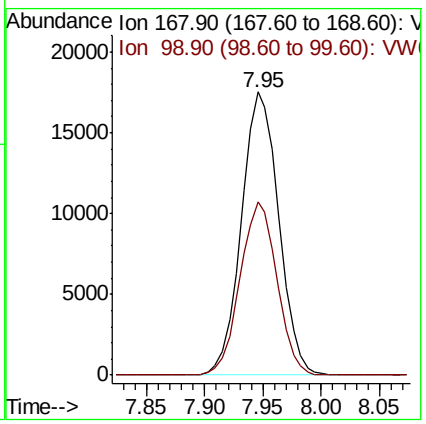


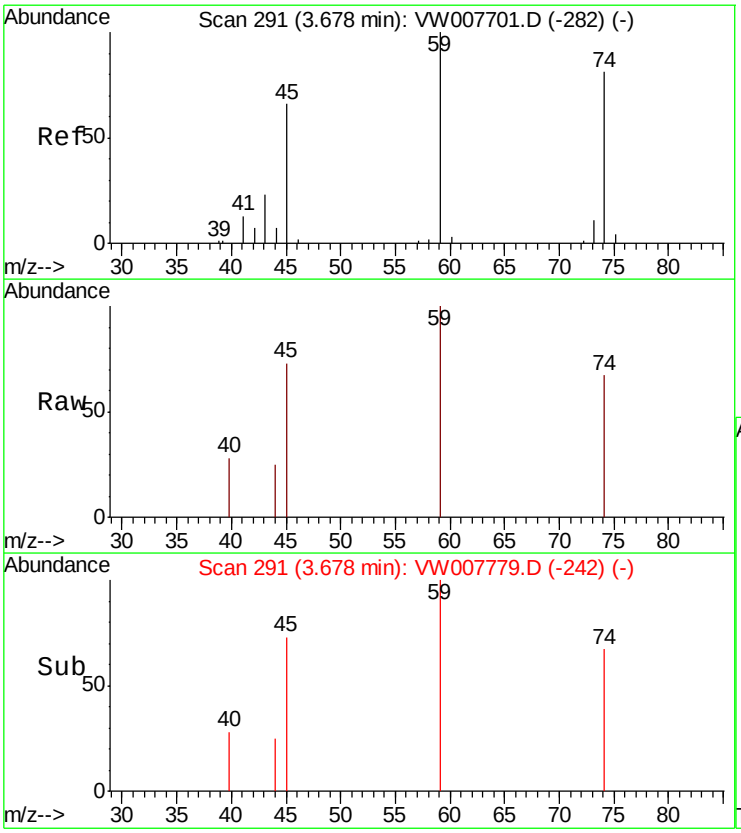
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion:168 Resp: 38951

Ion	Ratio	Lower	Upper
168	100		
99	61.4	54.0	81.0

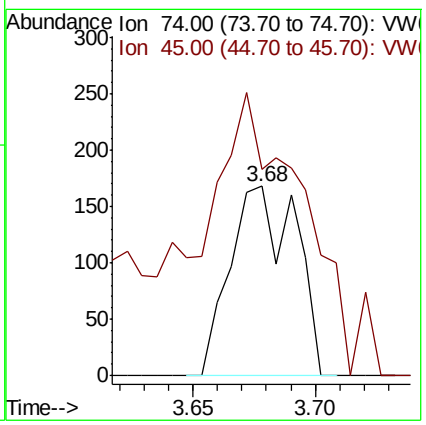


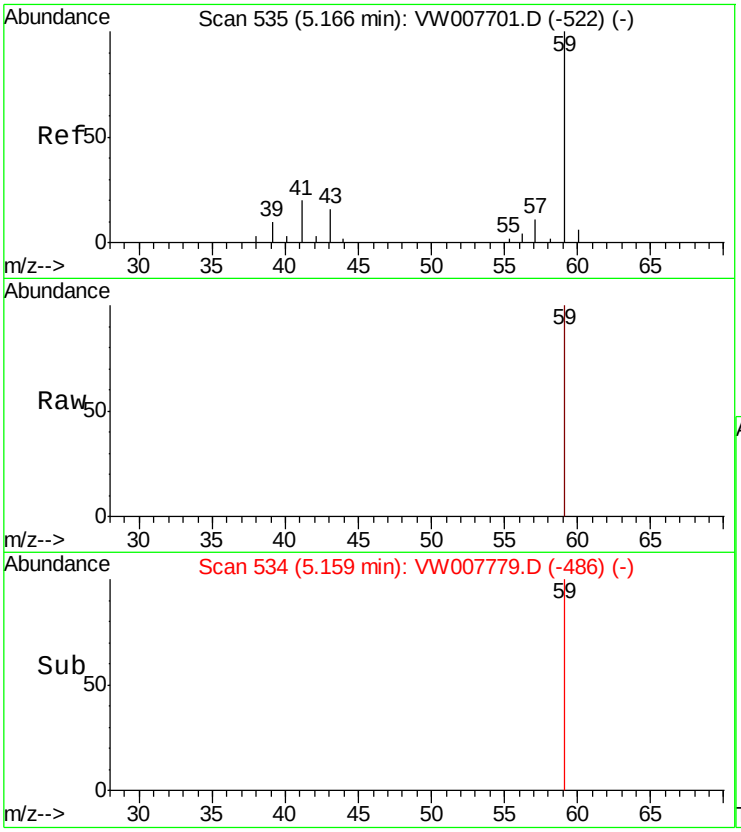


#8
Diethyl Ether
Concen: 1.813 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 74 Resp: 313

Ion	Ratio	Lower	Upper
74	100		
45	228.1	39.4	118.1#



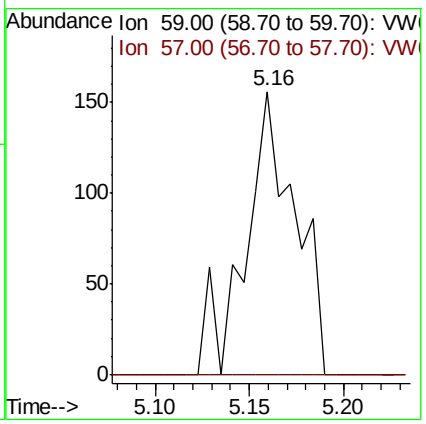


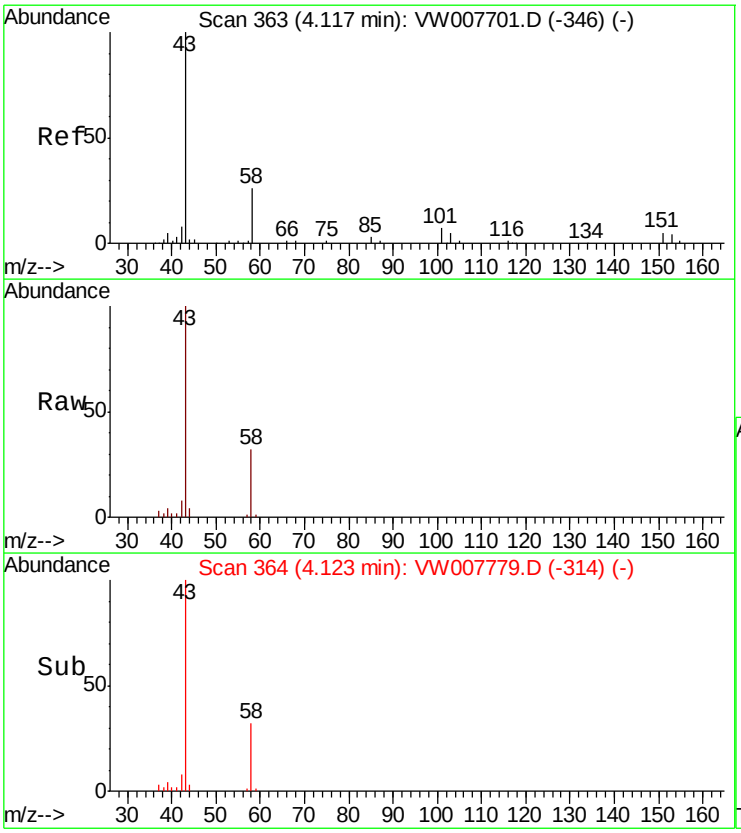
#11
Tert butyl alcohol
Concen: 9.966 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Tgt Ion: 59 Resp: 287

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

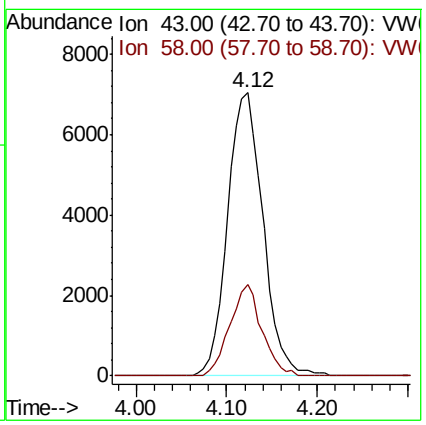


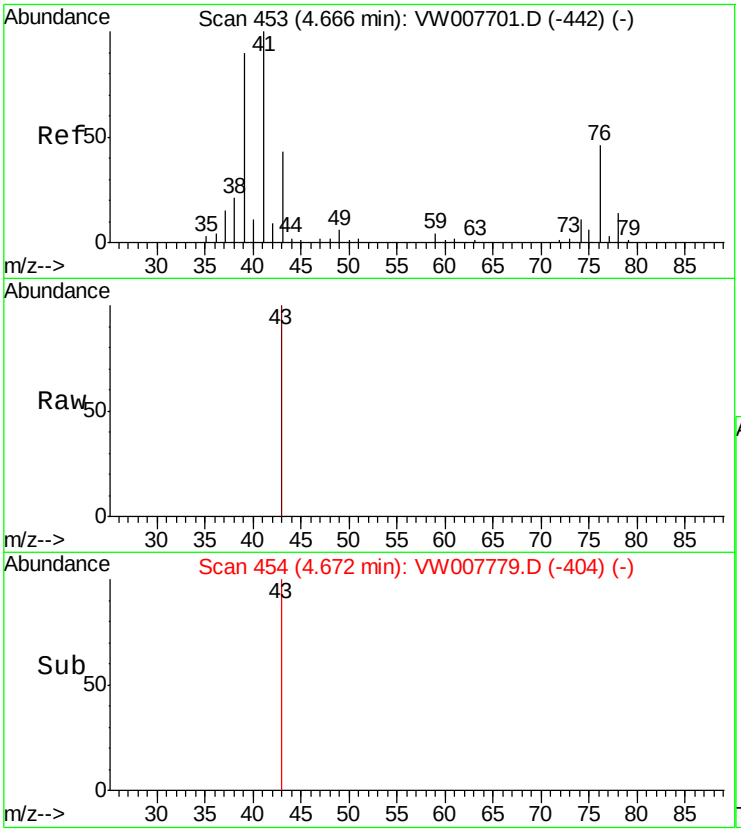


#16
Acetone
Concen: 238.527 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 43 Resp: 19069

Ion	Ratio	Lower	Upper
43	100		
58	32.3	21.2	31.8#



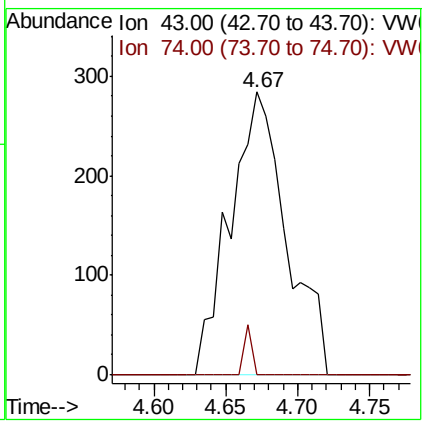


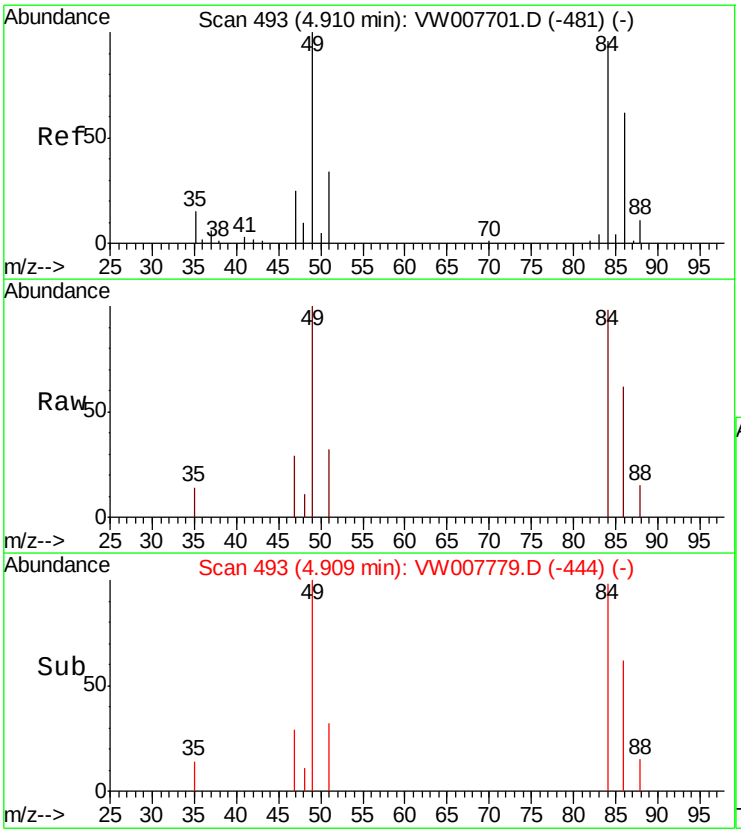
#18
Methyl Acetate
Concen: 4.066 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Tgt Ion: 43 Resp: 773

Ion	Ratio	Lower	Upper
43	100		
74	2.3	22.7	34.1#

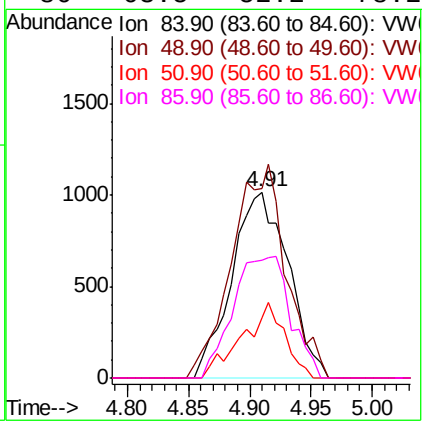


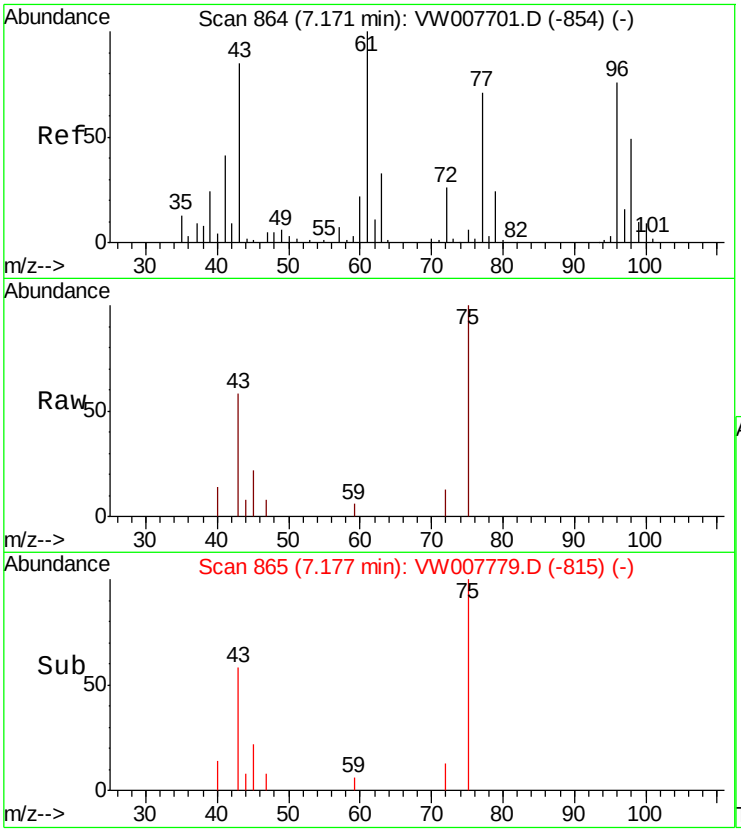


#20
Methylene Chloride
Concen: 2.106 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 84 Resp: 3257

Ion	Ratio	Lower	Upper
84	100		
49	102.2	83.7	125.5
51	32.4	28.2	42.2
86	63.5	52.2	78.2



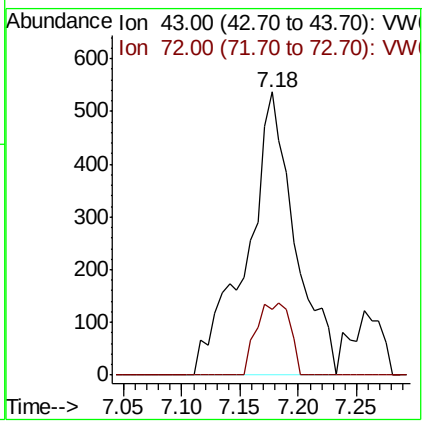


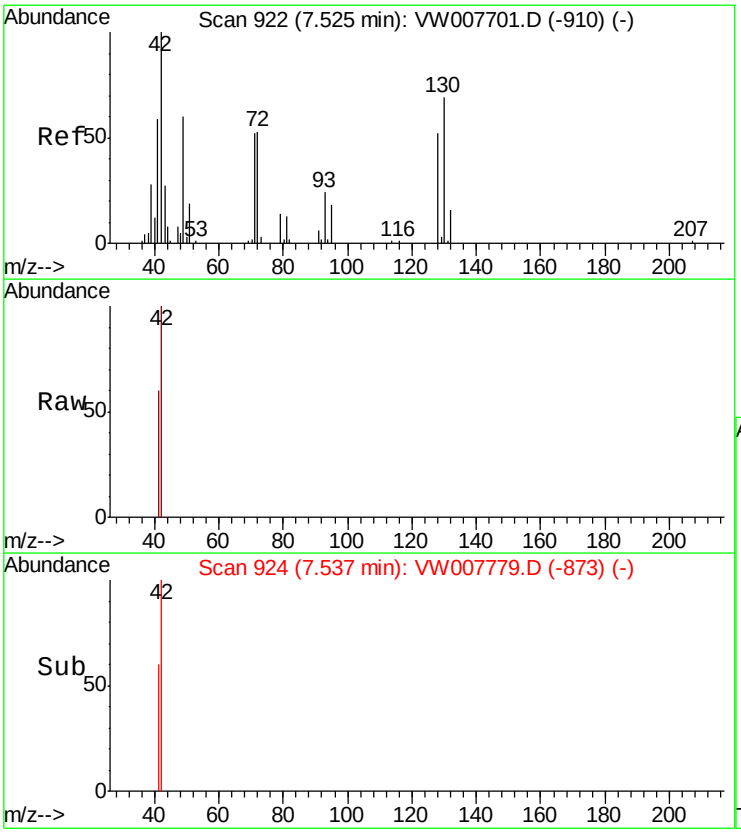
#25
2-Butanone
Concen: 16.521 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion: 43 Resp: 1547

Ion	Ratio	Lower	Upper
43	100		
72	23.3	24.5	36.7#

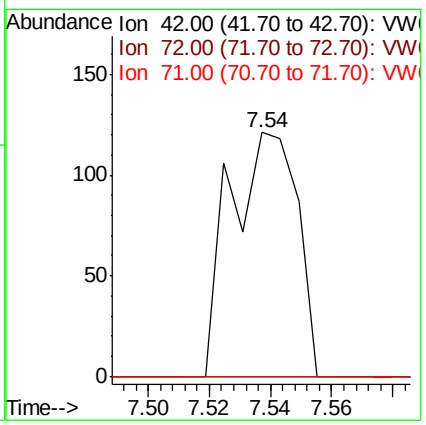


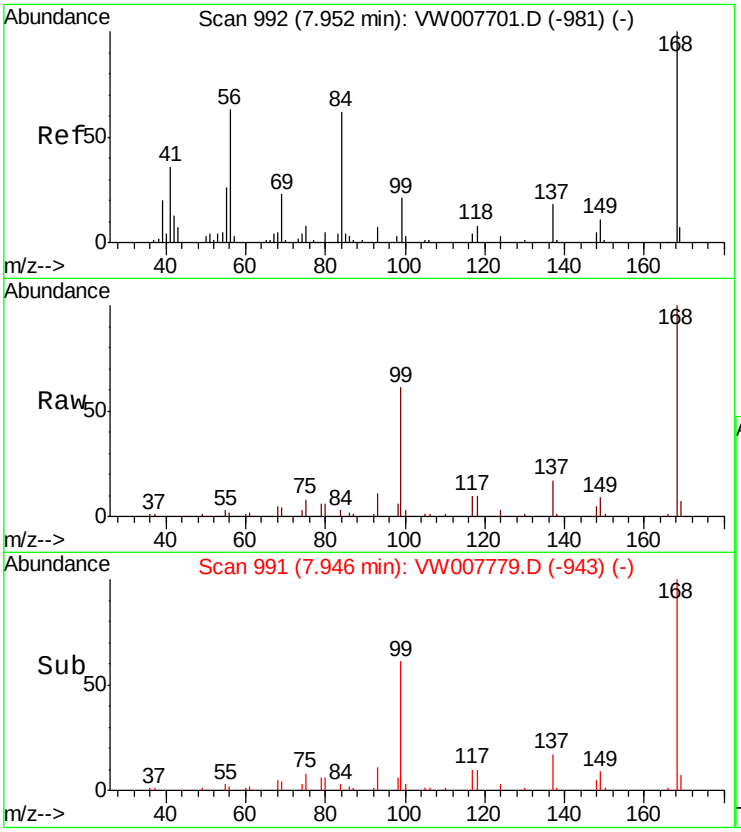


#29
Tetrahydrofuran
Concen: 3.294 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 42 Resp: 184

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	39.0	58.6#



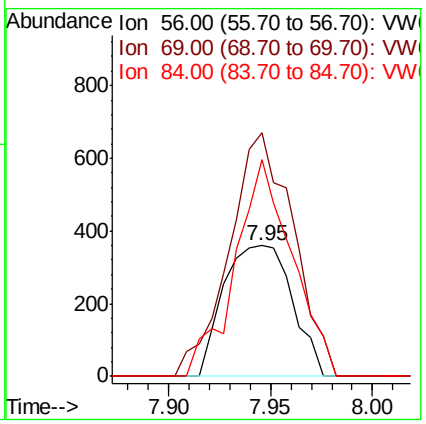


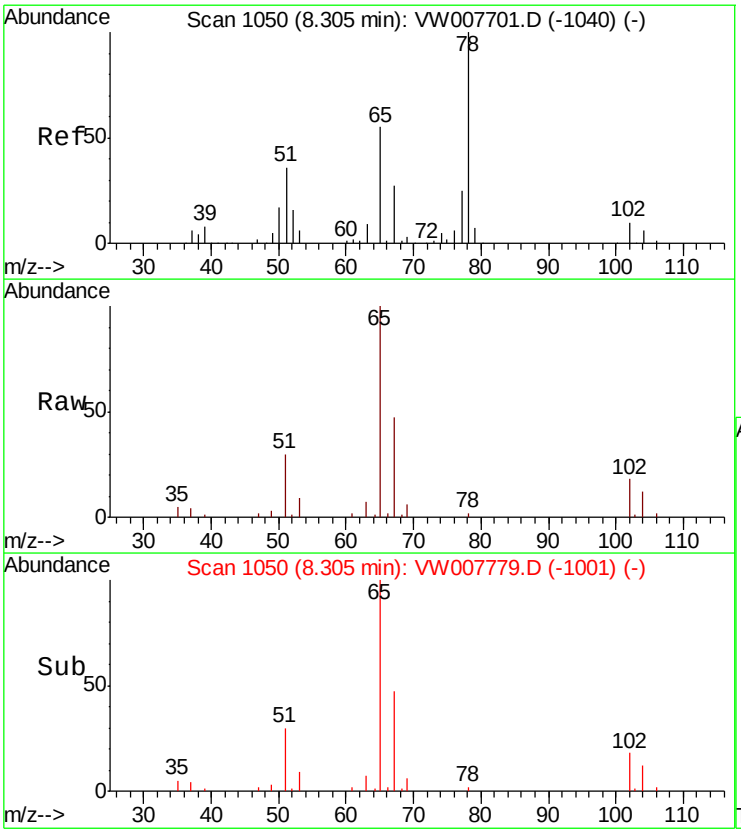
#31
Cyclohexane
Concen: 1.323 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion: 56 Resp: 841

Ion	Ratio	Lower	Upper
56	100		
69	186.6	29.7	44.5#
84	166.3	78.9	118.3#

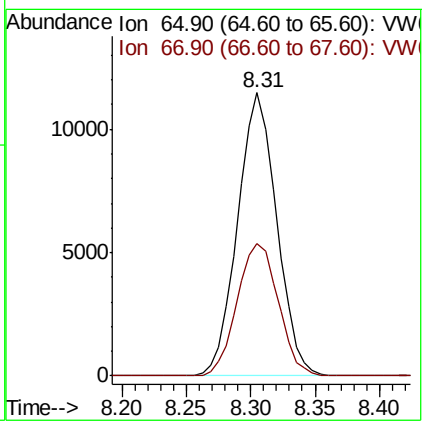


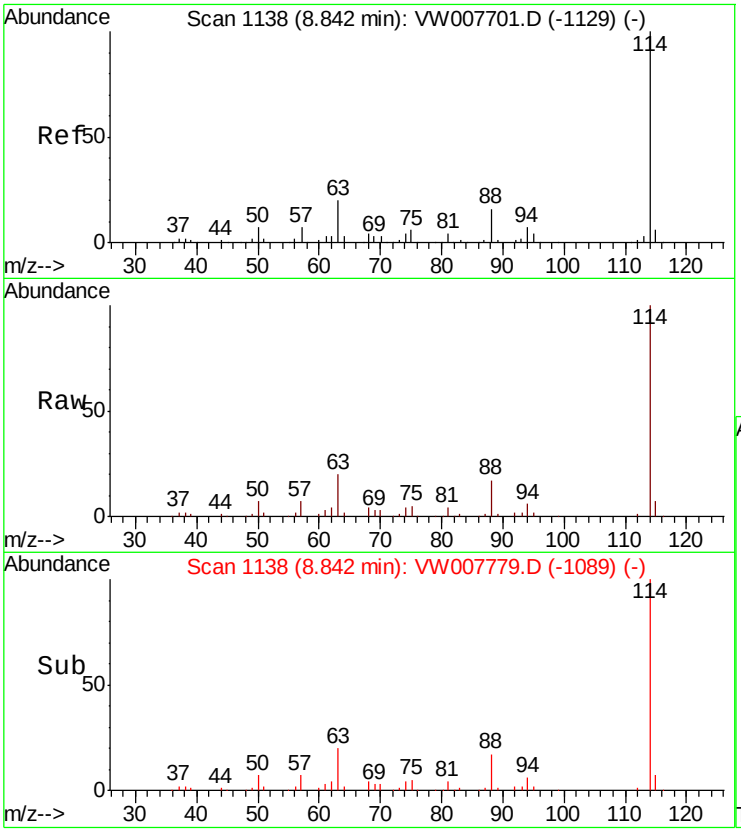


#33
1,2-Dichloroethane-d4
Concen: 56.575 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 65 Resp: 24153

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	100.6



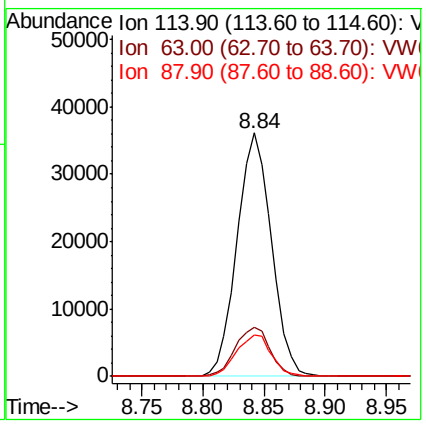


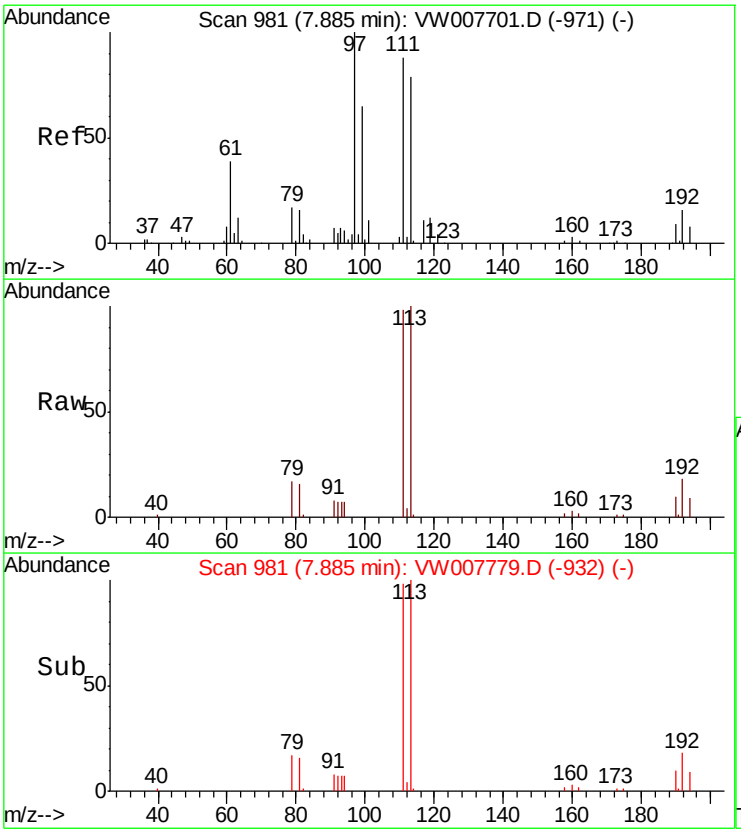
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion:114 Resp: 70497

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.0
88	17.0	0.0	32.6

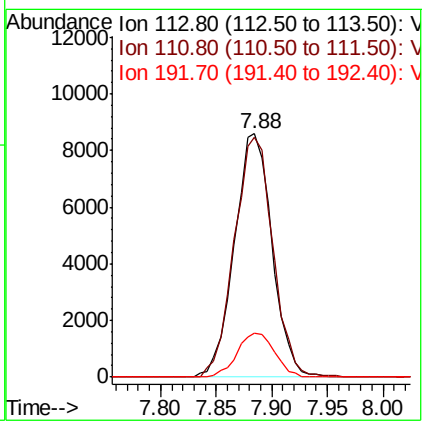


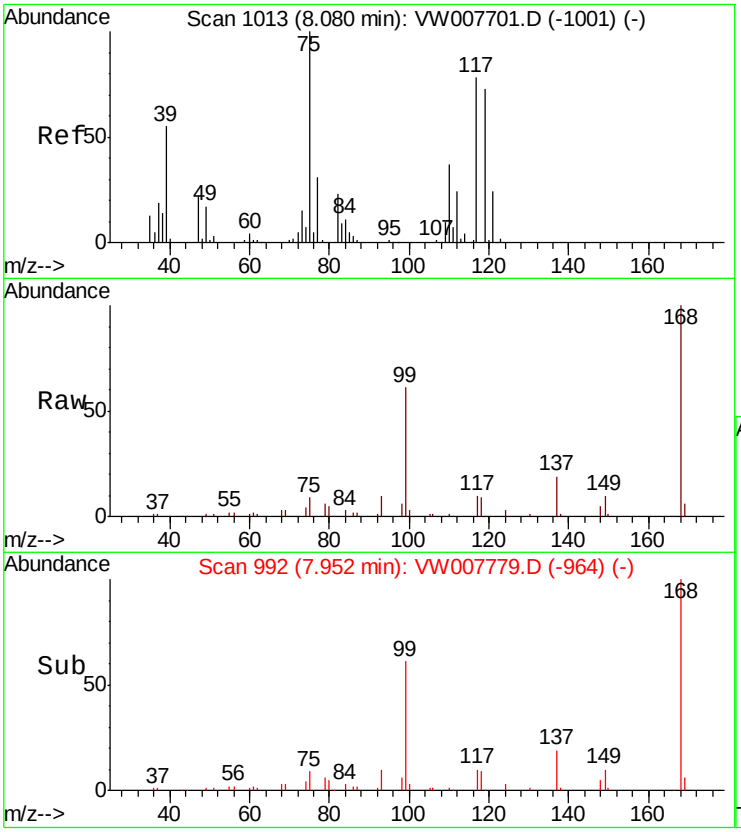


#35
Dibromofluoromethane
Concen: 46.997 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion:113 Resp: 20212

Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	18.0	15.5	23.3



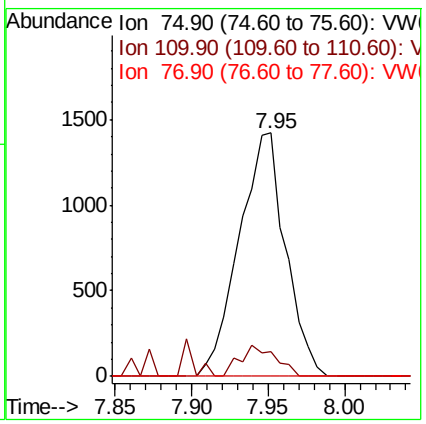


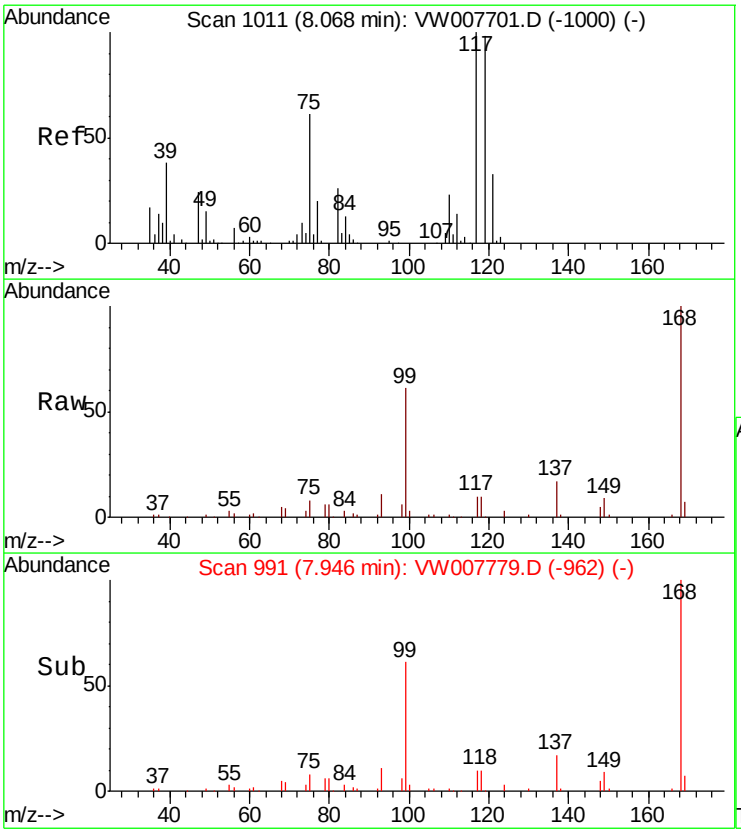
#36
1,1-Dichloropropene
Concen: 4.403 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion: 75 Resp: 2996

Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.6	55.8#
77	0.0	25.0	37.4#

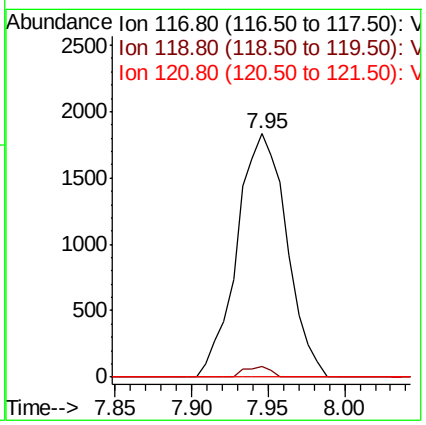


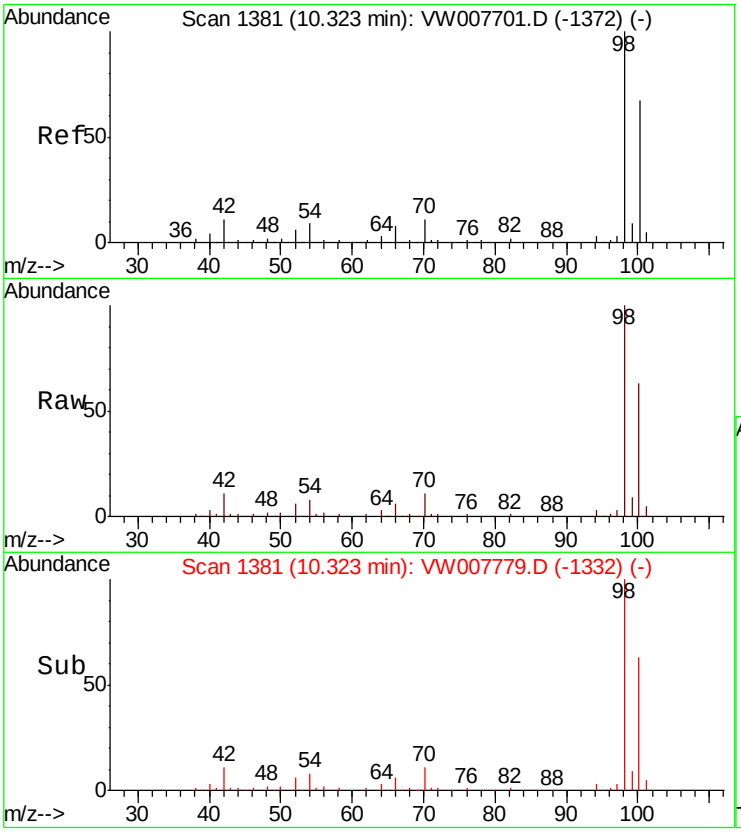


#38
Carbon Tetrachloride
Concen: 5.169 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion:117 Resp: 4142

Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.2	117.2#
121	0.0	26.1	39.1#



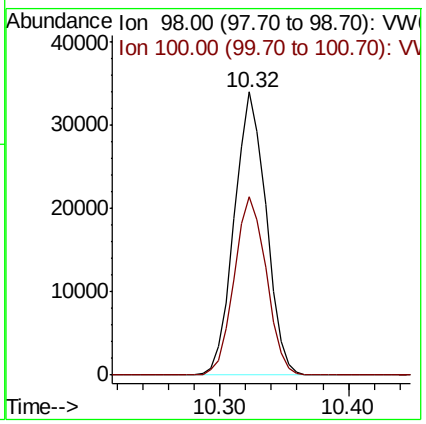


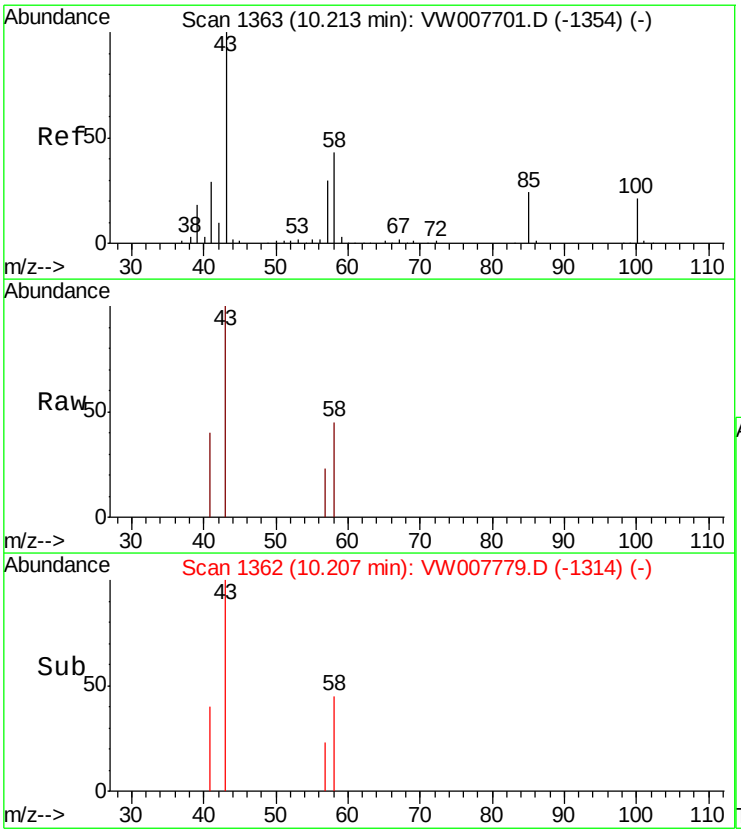
#50
Toluene-d8
Concen: 35.952 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Tgt Ion: 98 Resp: 58289

Ion	Ratio	Lower	Upper
98	100		
100	63.3	52.2	78.2

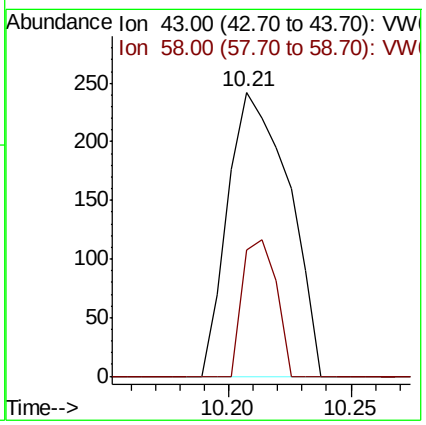


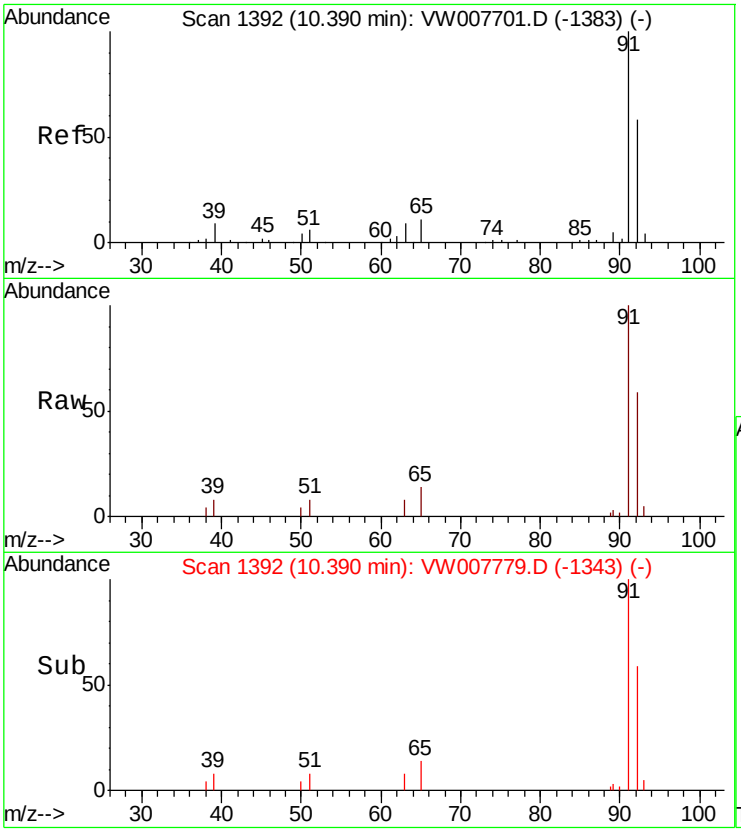


#51
4-Methyl-2-Pentanone
Concen: 1.894 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 43 Resp: 421

Ion	Ratio	Lower	Upper
43	100		
58	26.6	33.2	49.8#



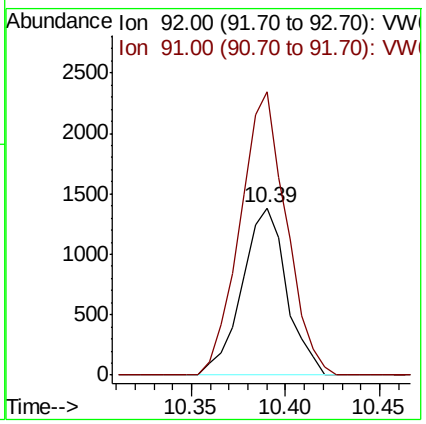


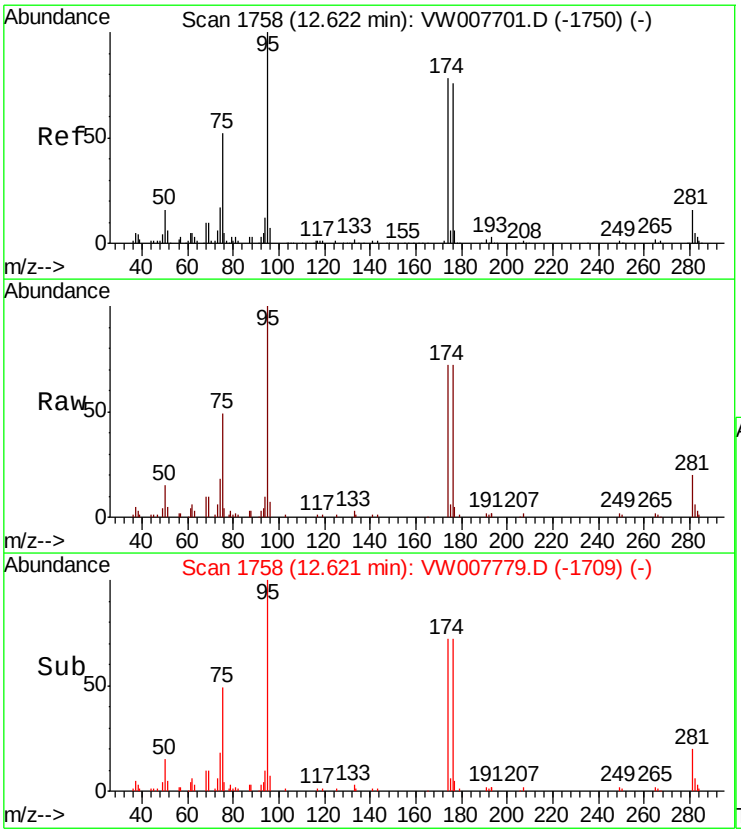
#52
Toluene
Concen: 1.863 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Tgt Ion: 92 Resp: 2269

Ion	Ratio	Lower	Upper
92	100		
91	175.7	137.0	205.4

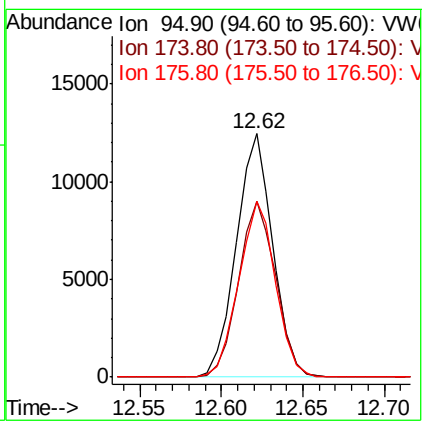


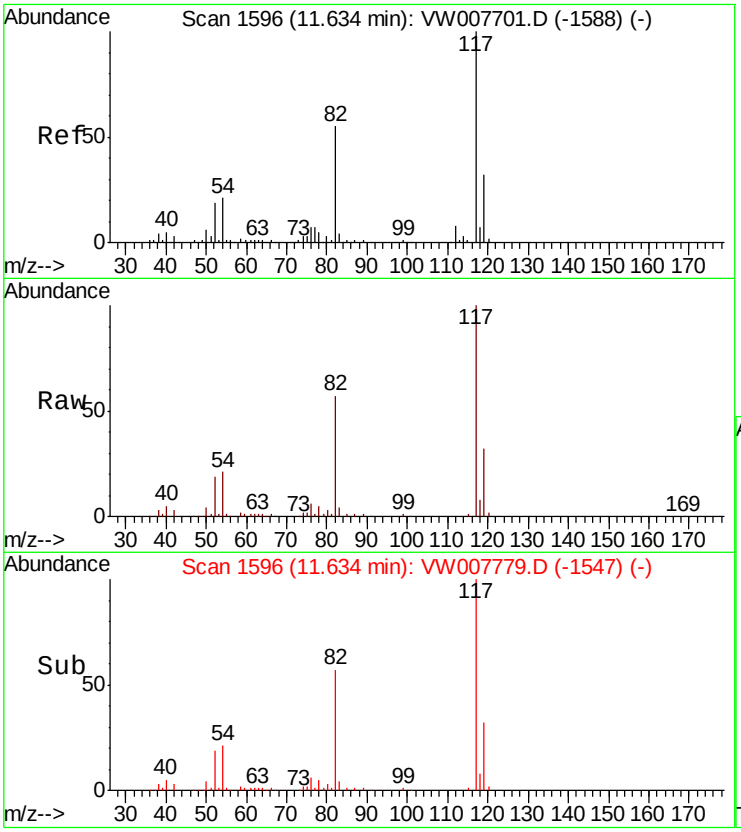


#62
4-Bromofluorobenzene
Concen: 30.819 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 95 Resp: 19303

Ion	Ratio	Lower	Upper
95	100		
174	73.8	0.0	152.2
176	72.7	0.0	146.8



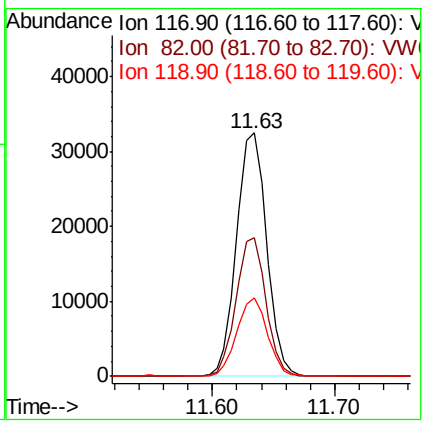


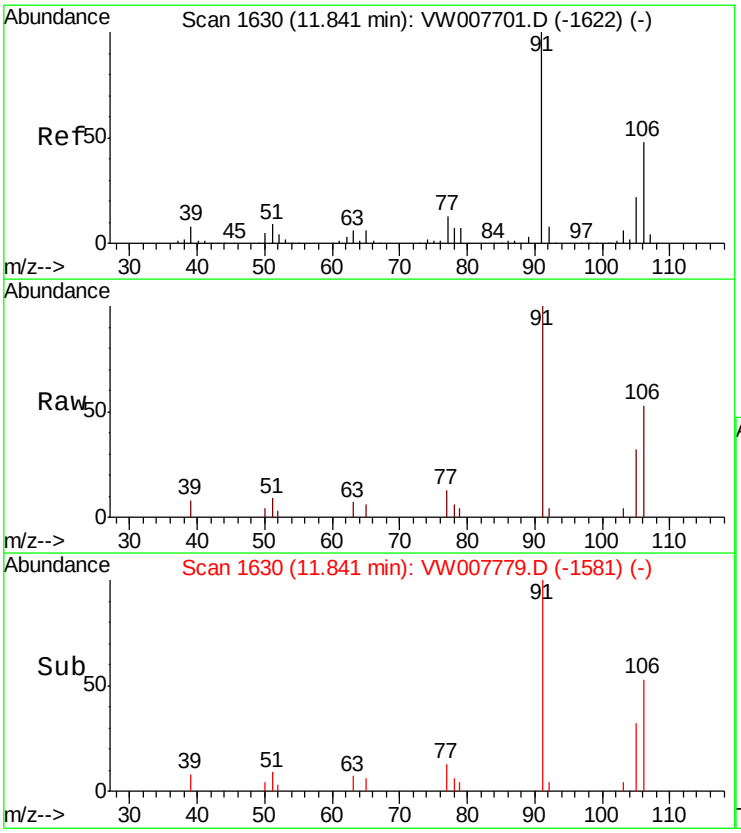
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument : MSVOA_W
ClientSampleId : P001-SS012-1824-01

Tgt Ion:117 Resp: 55708

Ion	Ratio	Lower	Upper
117	100		
82	56.9	44.3	66.5
119	32.2	25.7	38.5

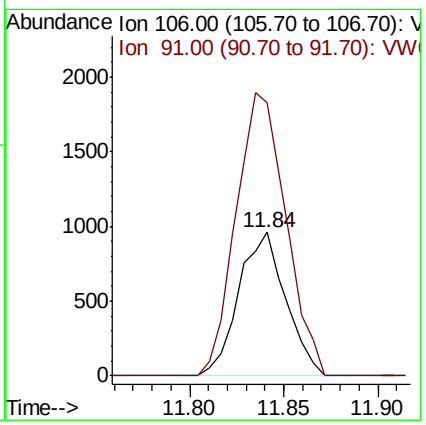


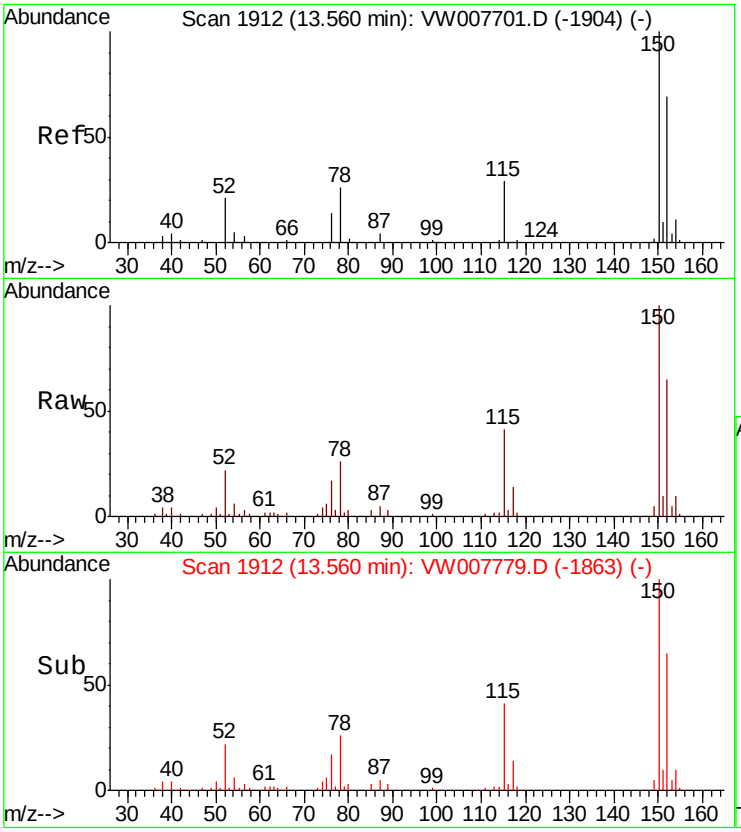


#68
m/p-Xylenes
Concen: 2.058 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion:106 Resp: 1652

Ion	Ratio	Lower	Upper
106	100		
91	210.4	165.2	247.8



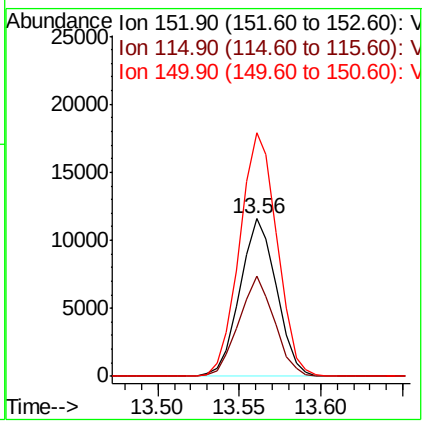


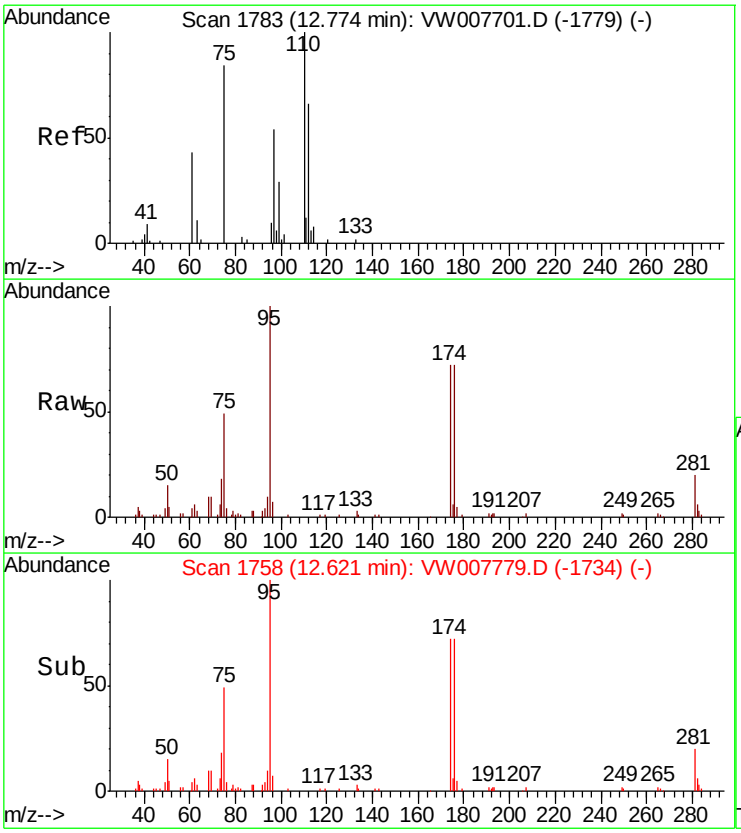
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion:152 Resp: 18101

Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.8	95.4
150	157.9	0.0	350.8

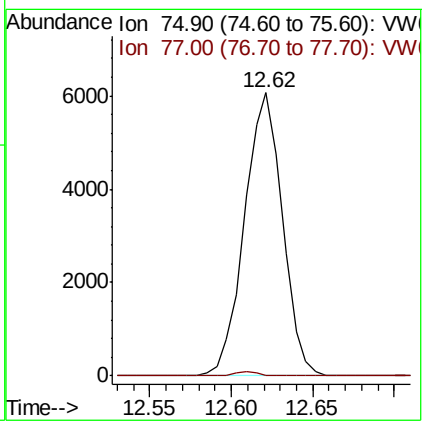


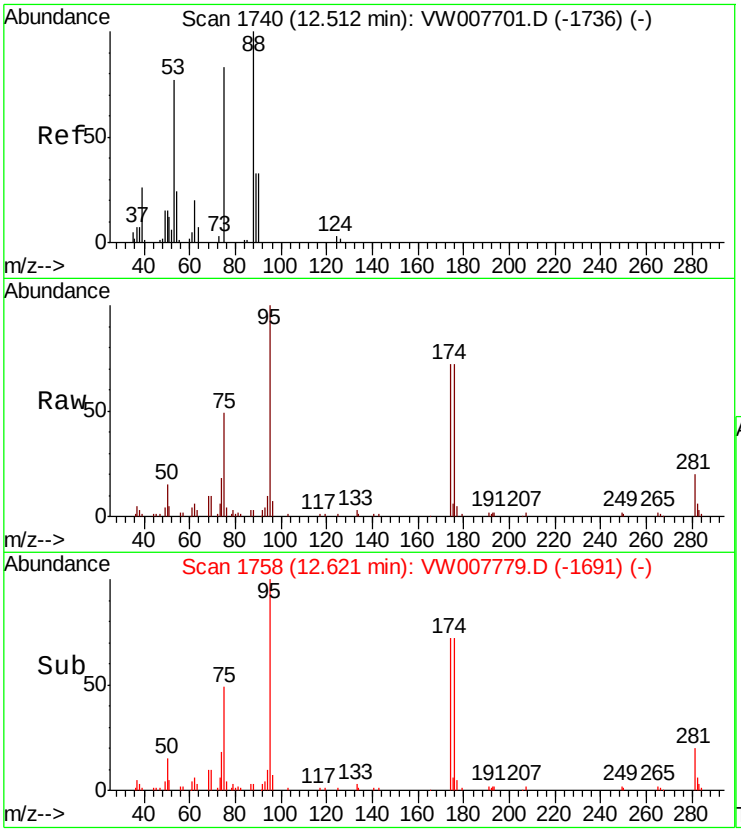


#76
1,2,3-Trichloropropane
Concen: 70.120 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion: 75 Resp: 9810

Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#



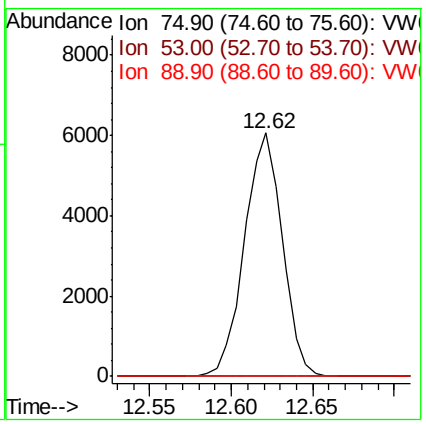


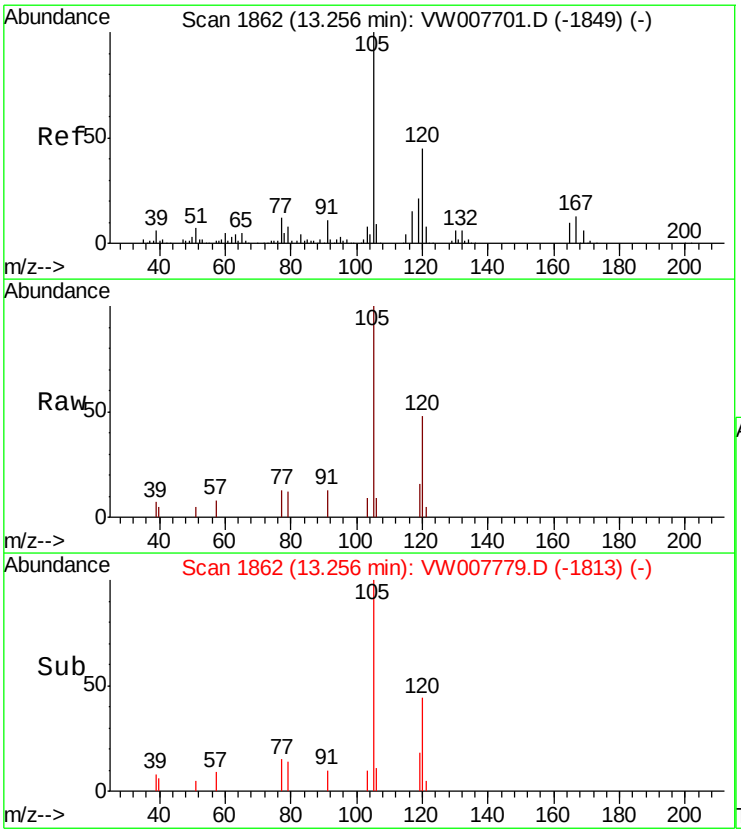
#81
trans-1,4-Dichloro-2-butene
Concen: 147.186 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion: 75 Resp: 9810

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

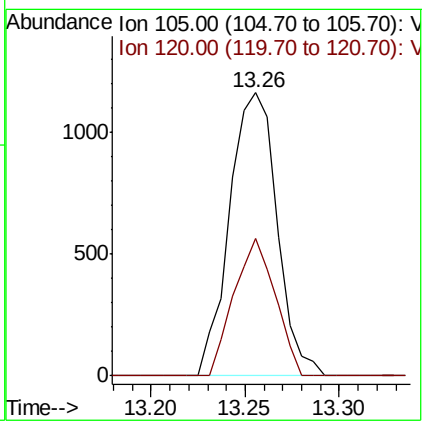


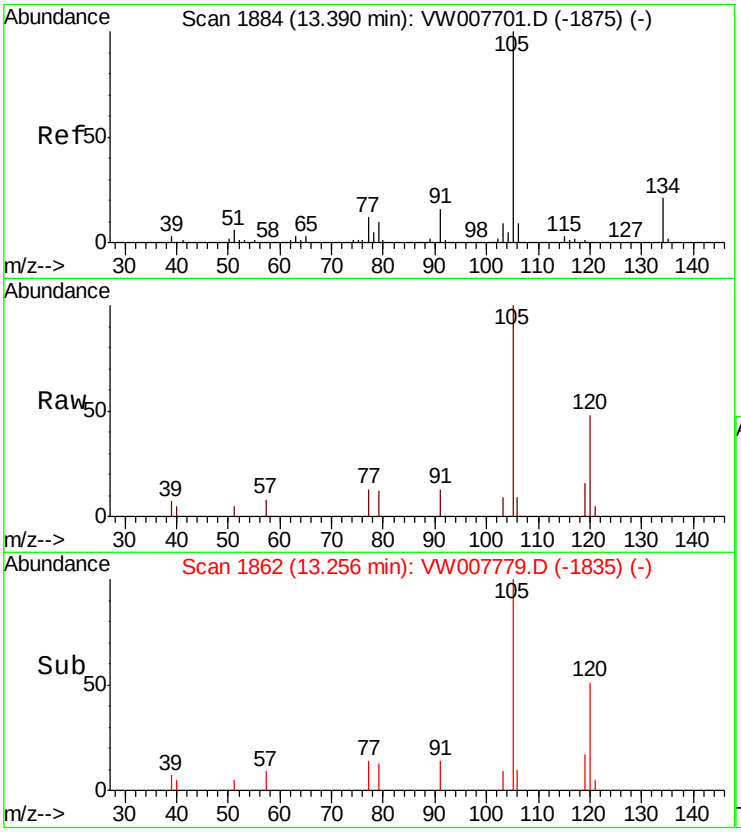


#84
1,2,4-Trimethylbenzene
Concen: 1.700 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion:105 Resp: 2025

Ion	Ratio	Lower	Upper
105	100		
120	42.2	22.0	66.0



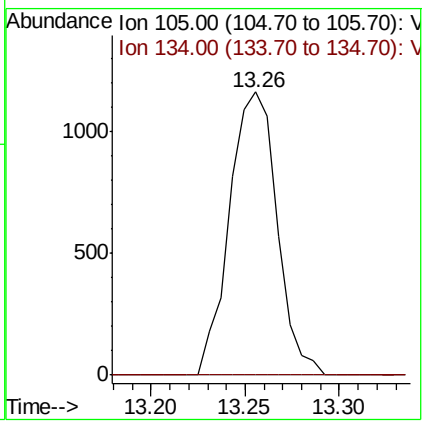


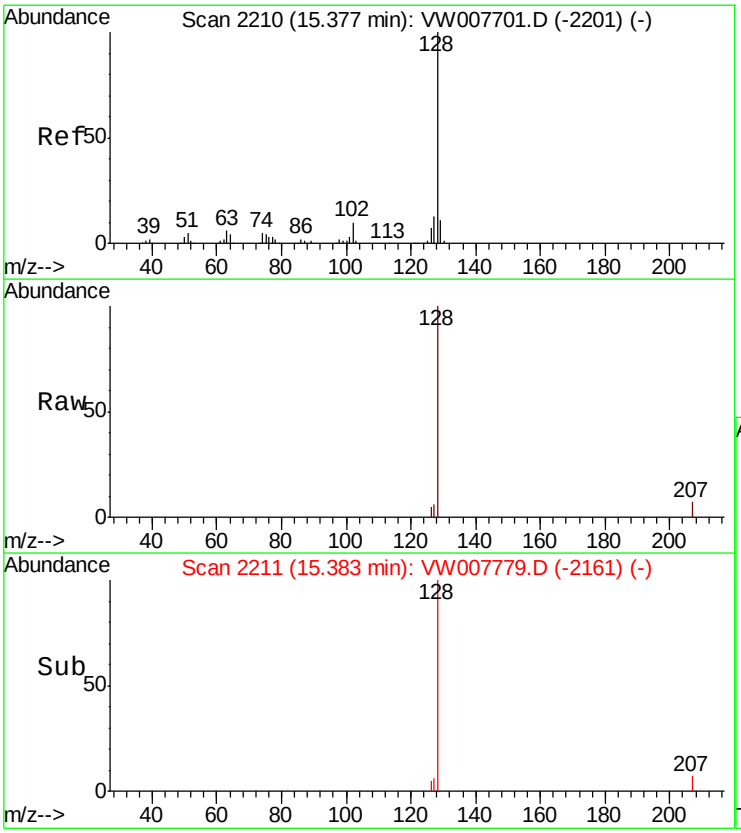
#85
sec-Butylbenzene
Concen: 1.419 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.13 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Instrument :
MSVOA_W
ClientSampleId :
P001-SS012-1824-01

Tgt Ion:105 Resp: 2025

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.2	30.4#





#95
Naphthalene
Concen: 3.067 ug/l
RT: 15.38 min Scan# 2211
Delta R.T. 0.01 min
Lab File: VW007779.D
Acq: 21 Dec 2018 07:48

Tgt Ion:128 Resp: 2194

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.7	16.1
129	4.1	8.8	13.2#