Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007581.D
Acq On : 15 Dec 2018 14:52
Operator : SY/AP
Sample : J6353-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 67 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SS002-0002-01

Quant Time: Dec 15 20:24:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35148	57.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.38%			
35) Dibromofluoromethane	7.88	113	32053	59.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.58%			
50) Toluene-d8	10.32	98	89925	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.48%			
62) 4-Bromofluorobenzene	12.62	95	20764	28.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 56.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.17	59	623	14.890	ug/l #	74
12) 1,1-Dichloroethene	4.04	96	1106	2.053	ug/l #	73
16) Acetone	4.13	43	1897	17.827	ug/l	100
18) Methyl Acetate	4.68	43	534	1.849	ug/l #	57
20) Methylene Chloride	4.91	84	4263	3.698	ug/l	93
25) 2-Butanone	7.19	43	732	5.269	ug/l #	45
29) Tetrahydrofuran	7.54	42	95	1.080	ug/l #	47
31) Cyclohexane	7.95	56	1520	1.606	ug/l #	9
36) 1,1-Dichloropropene	7.95	75	4329	5.358	ug/l #	49
37) Ethyl Acetate	7.26	43	395	1.315	ug/l #	66
38) Carbon Tetrachloride	7.95	117	6012	6.839	ug/l #	18
41) Methacrylonitrile	7.52	41	189	1.105	ug/l #	33
49) 1,4-Dioxane	9.44	88	51	10.668	ug/l #	26
51) 4-Methyl-2-Pentanone	10.21	43	614	2.189	ug/l	88
52) Toluene	10.39	92	3637	2.507	ug/l	95
67) Ethyl Benzene	11.73	91	4099	2.190	ug/l	98
68) m/p-Xylenes	11.84	106	2267	3.115	ug/l	98
69) o-Xylene	12.17	106	2011	2.959	ug/l	89
70) Styrene	12.18	104	2504	2.281	ug/l	96
74) N-amyl acetate	12.26	43	252	1.406	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.71	83	164	1.123	ug/l #	29
76) 1,2,3-Trichloropropane	12.62	75	10871	102.468	ug/l #	1
77) Bromobenzene	12.94	156	1959	8.964	ug/l #	8
80) 1,3,5-Trimethylbenzene	12.94	105	6394	7.718	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	10871	226.352	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.25	105	2141	2.511	ug/l	86
85) sec-Butylbenzene	13.25	105	2141	2.149	ug/l #	54
86) p-Isopropyltoluene	13.51	119	1796	2.006	ug/l	90
89) n-Butylbenzene	13.80	91	913	1.100	ug/l #	1
90) Hexachloroethane	14.10	117	373	2.342	ug/l #	14
95) Naphthalene	15.37	128	3714	7.229	ug/l #	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
Data File : VW007581.D
Acq On : 15 Dec 2018 14:52
Operator : SY/AP
Sample : J6353-05
Misc : 5.23G/5ML/MSVOA_W/SOIL
ALS Vial : 67 Sample Multiplier: 1

Instrument :
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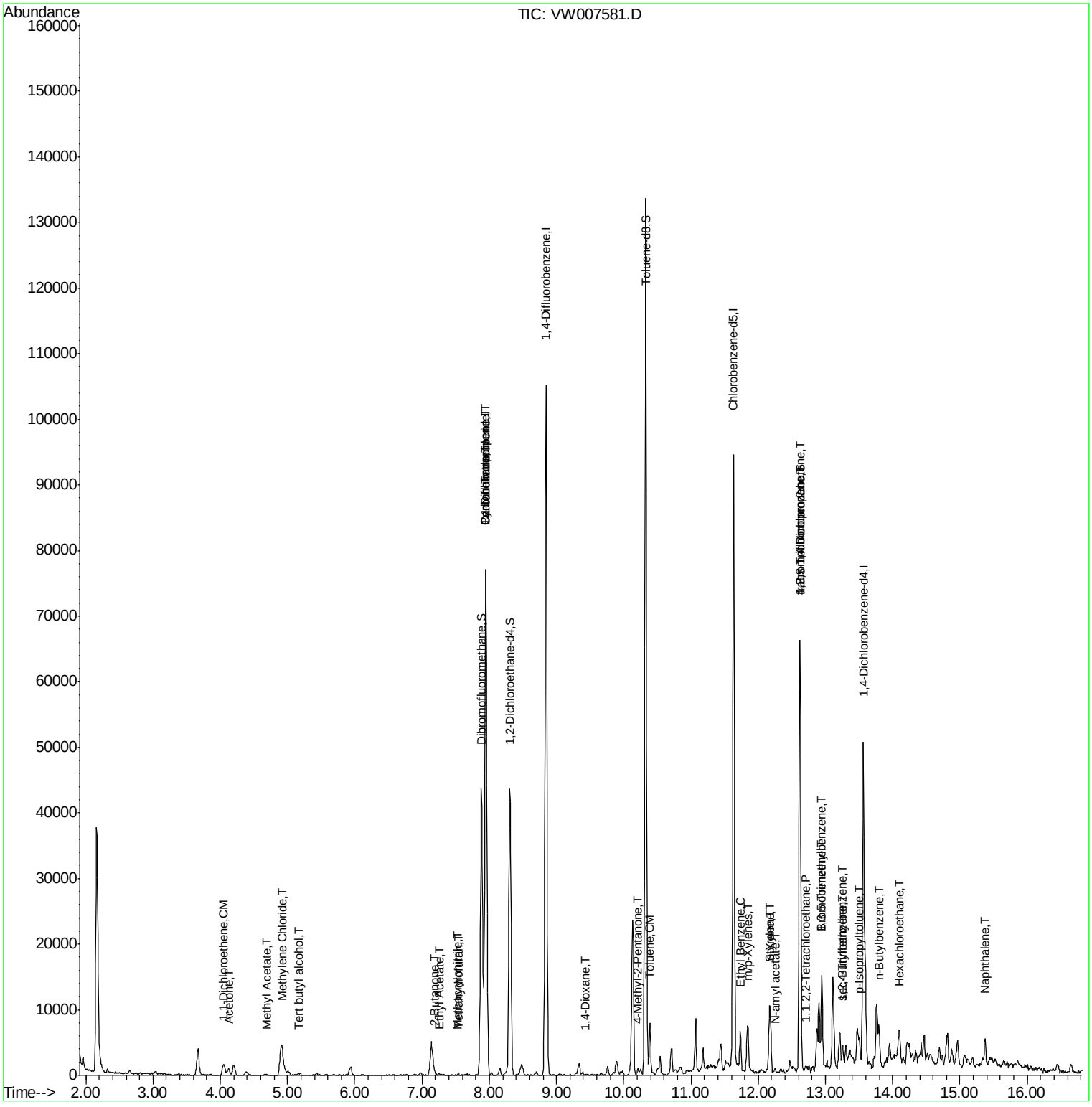
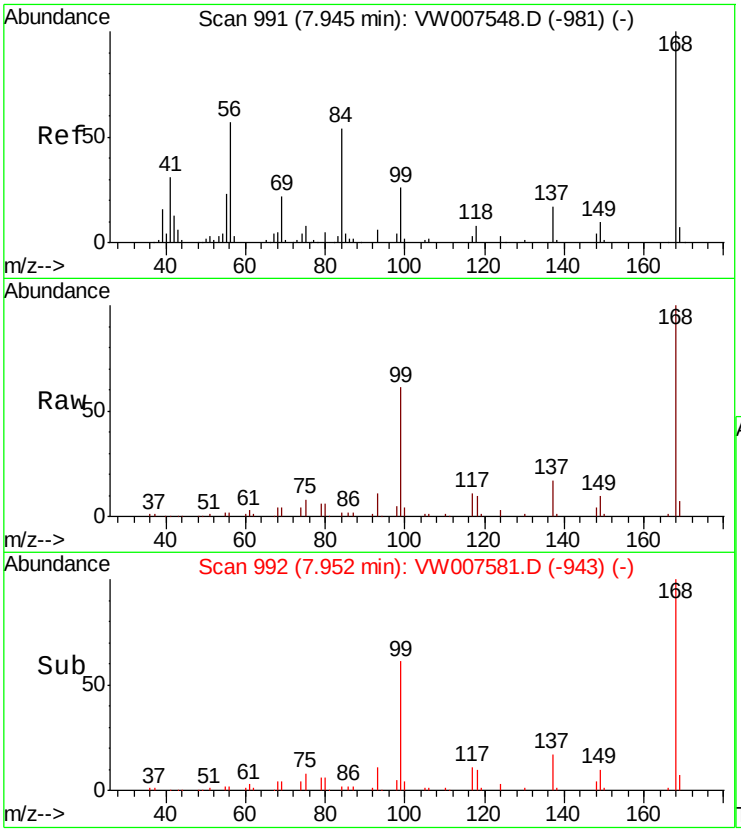
ClientSampleId :
P001-SS002-0002-01

Quant Time: Dec 15 20:24:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration



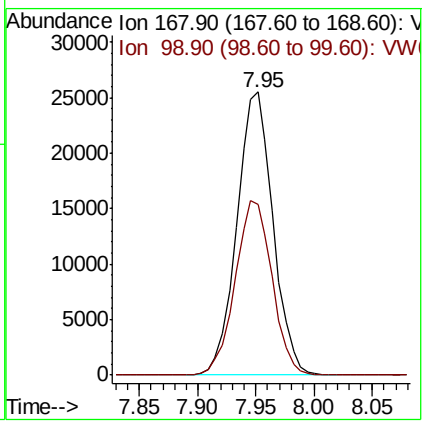


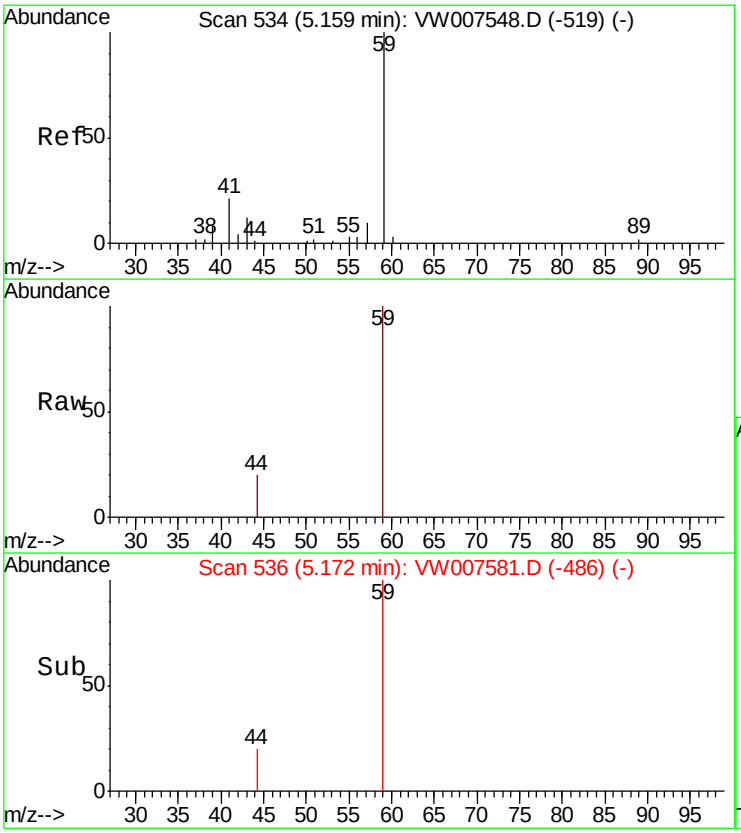
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:168 Resp: 54914

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.3	72.5

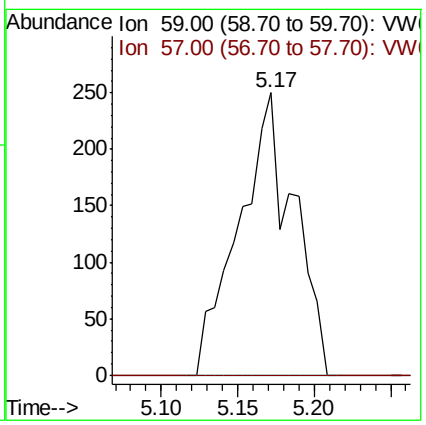


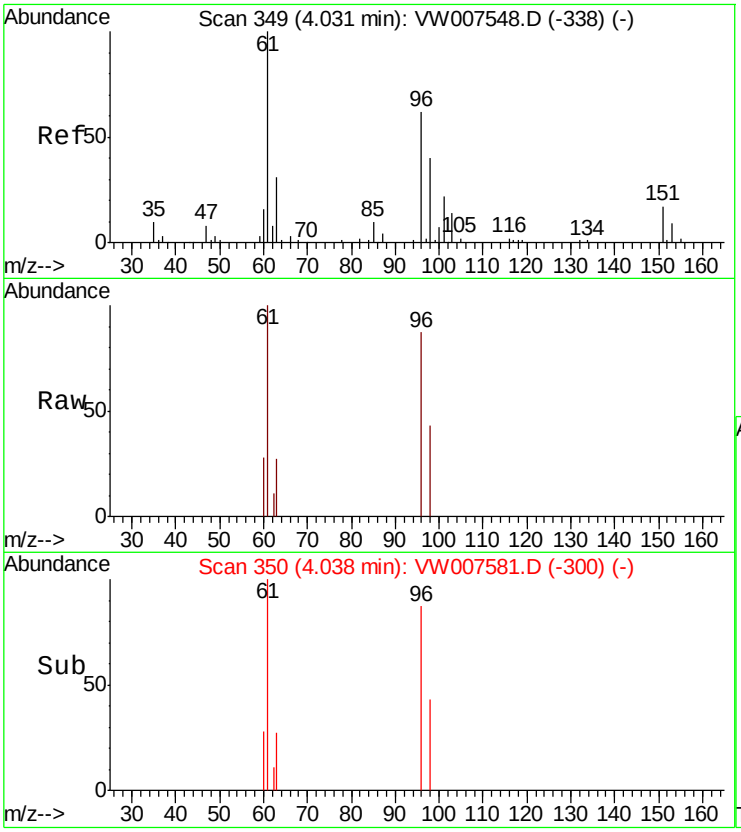


#11
Tert butyl alcohol
Concen: 14.890 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 59 Resp: 623

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



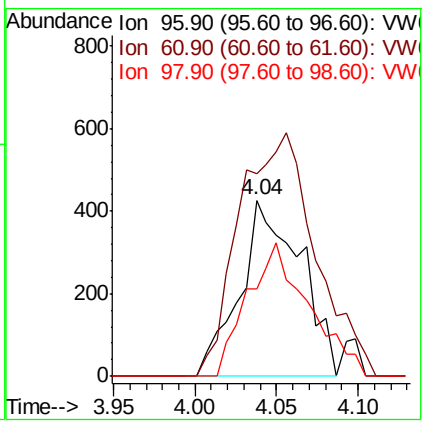


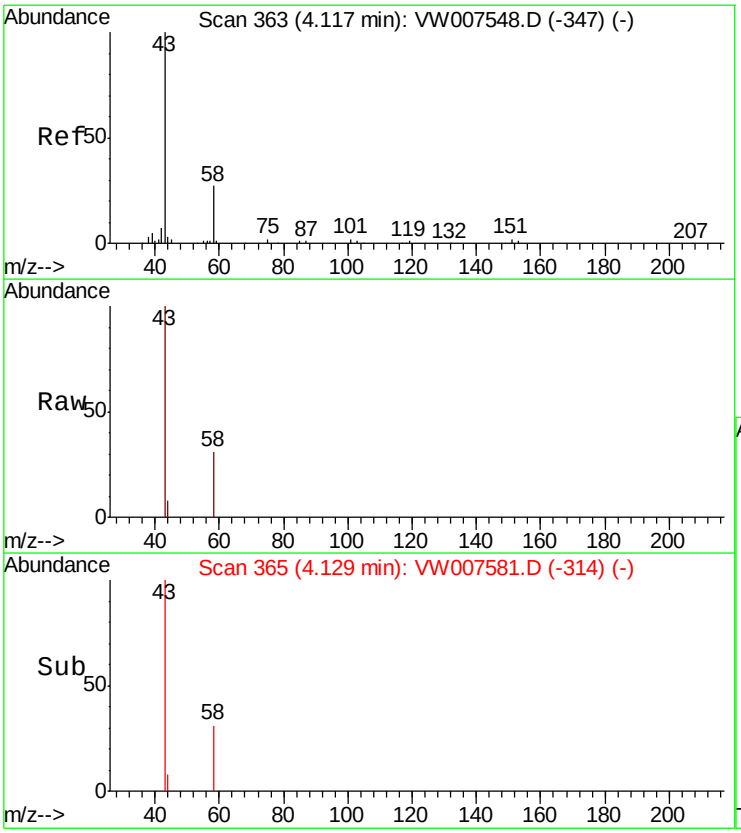
#12
1,1-Dichloroethene
Concen: 2.053 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument : MSVOA_W
ClientSampleId : P001-SS002-0002-01

Tgt Ion: 96 Resp: 1106

Ion	Ratio	Lower	Upper
96	100		
61	115.5	126.2	189.2#
98	50.0	48.3	72.5

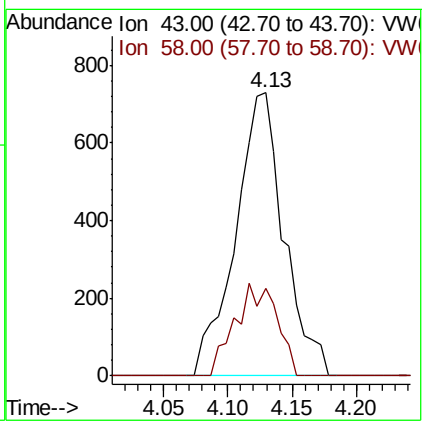


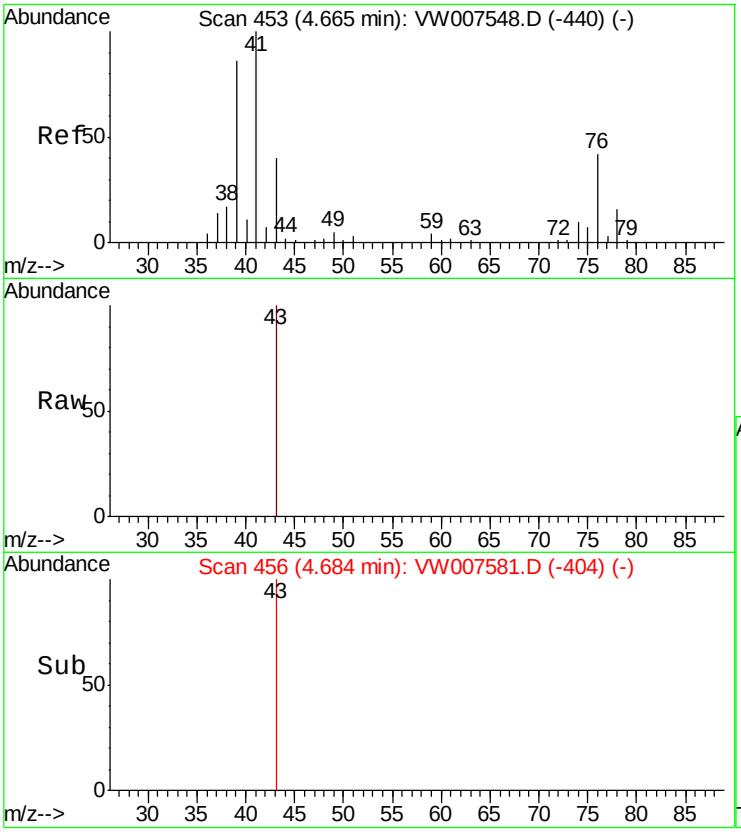


#16
Acetone
Concen: 17.827 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 1897

Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.9	37.3



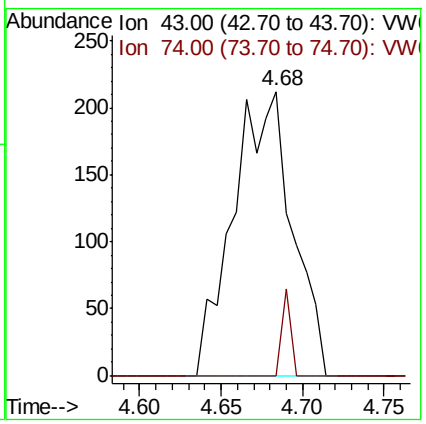


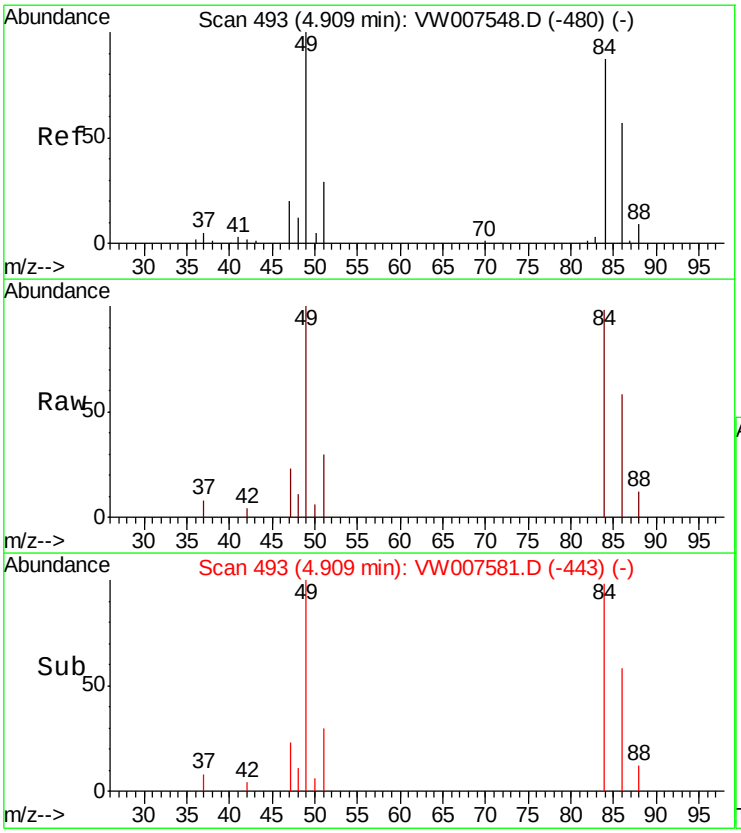
#18
Methyl Acetate
Concen: 1.849 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.02 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 43 Resp: 534

Ion	Ratio	Lower	Upper
43	100		
74	4.5	21.1	31.7#

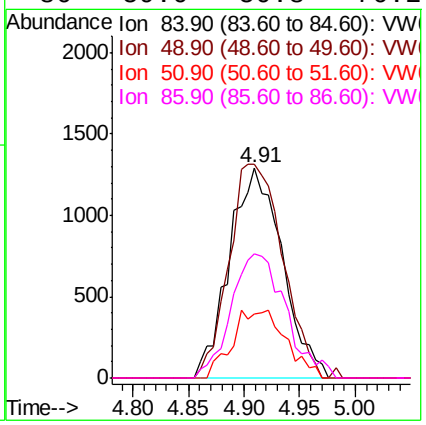


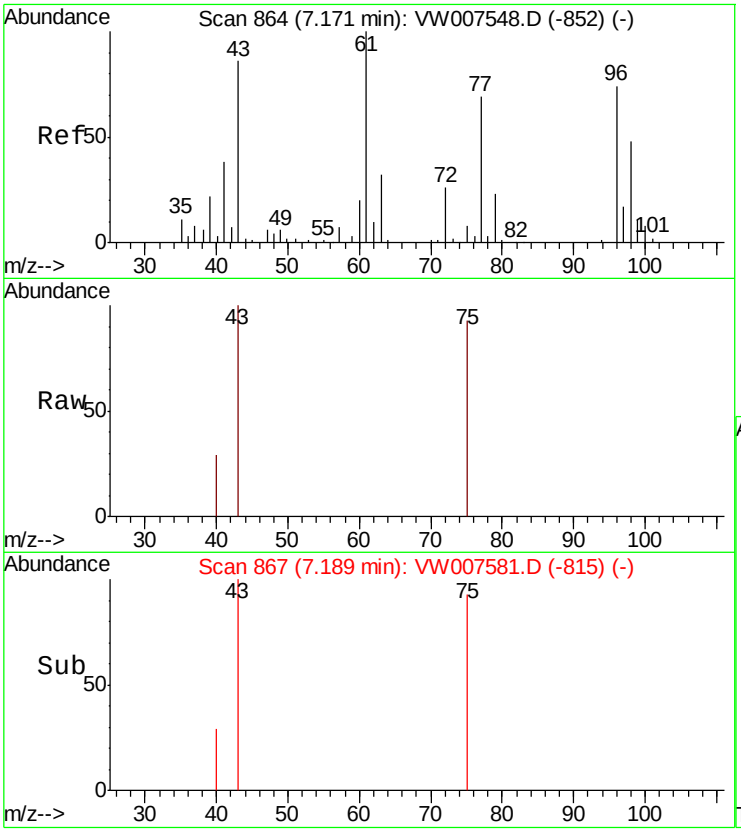


#20
Methylene Chloride
Concen: 3.698 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 84 Resp: 4263

Ion	Ratio	Lower	Upper
84	100		
49	101.6	87.1	130.7
51	30.5	28.2	42.2
86	59.0	50.8	76.2



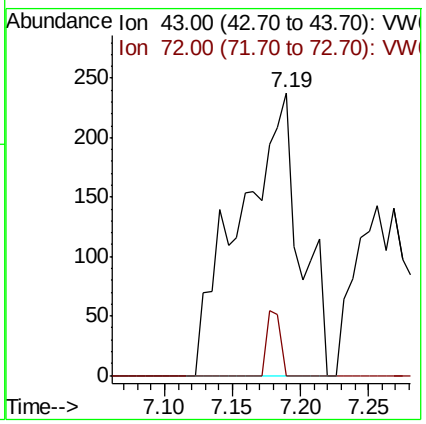


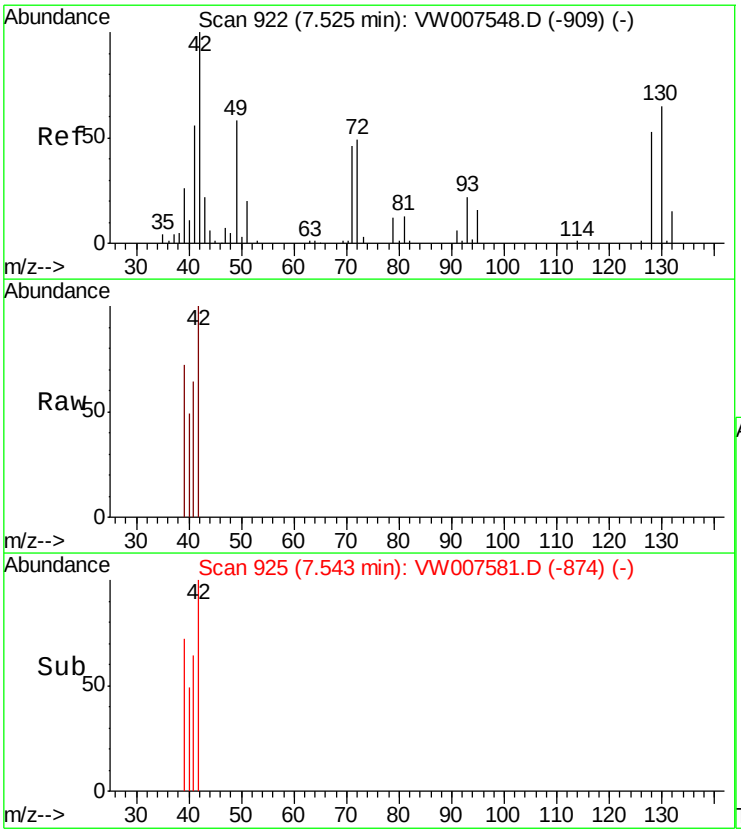
#25
2-Butanone
Concen: 5.269 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 43 Resp: 732

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.4	35.2#

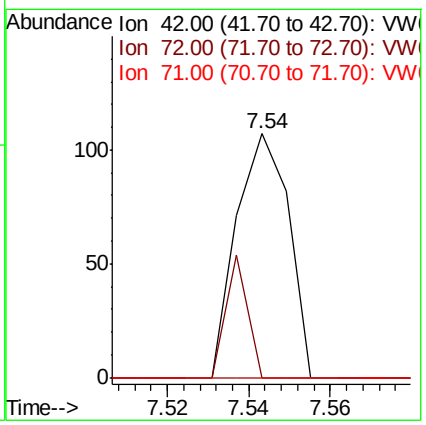


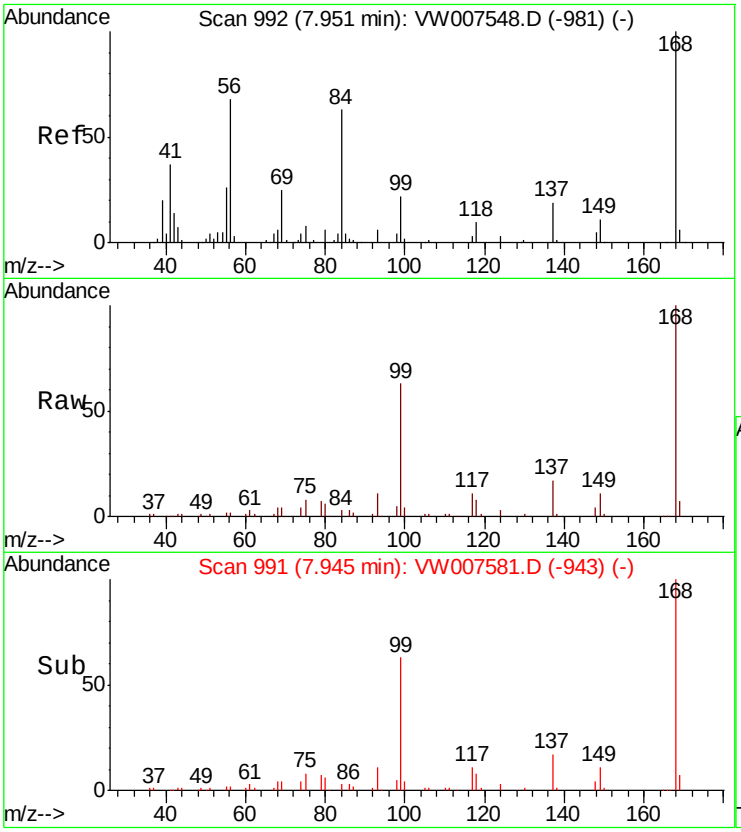


#29
Tetrahydrofuran
Concen: 1.080 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 42 Resp: 95

Ion	Ratio	Lower	Upper
42	100		
72	21.1	38.2	57.4#
71	0.0	35.5	53.3#



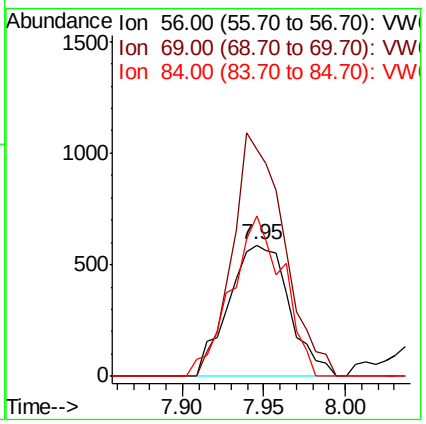


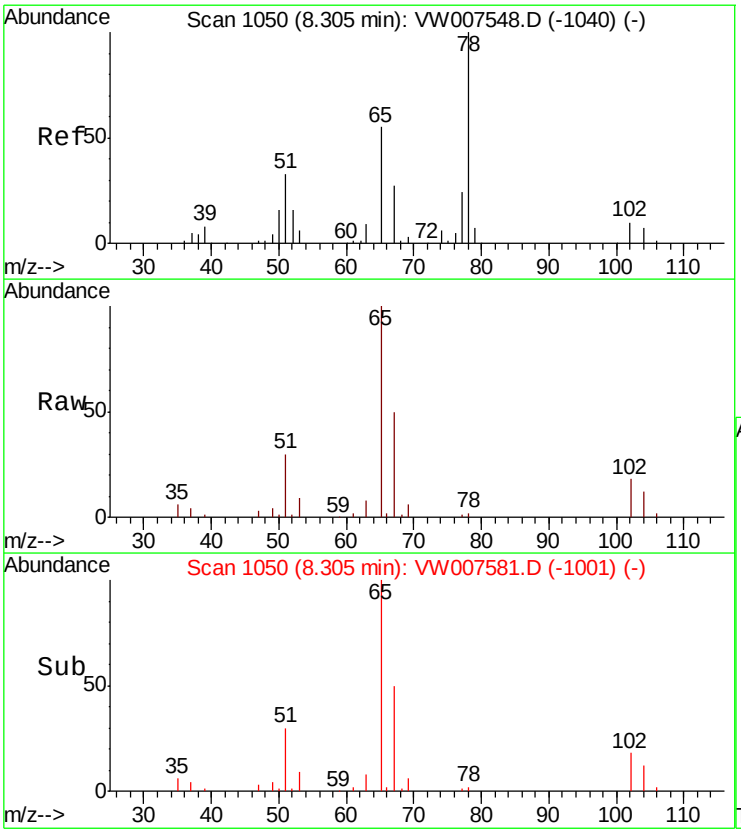
#31
Cyclohexane
Concen: 1.606 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 56 Resp: 1520

Ion	Ratio	Lower	Upper
56	100		
69	173.0	28.9	43.3#
84	122.3	71.8	107.6#

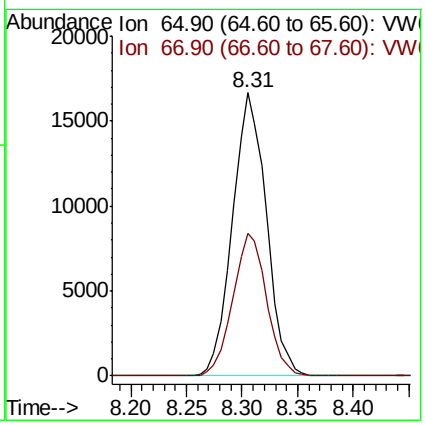


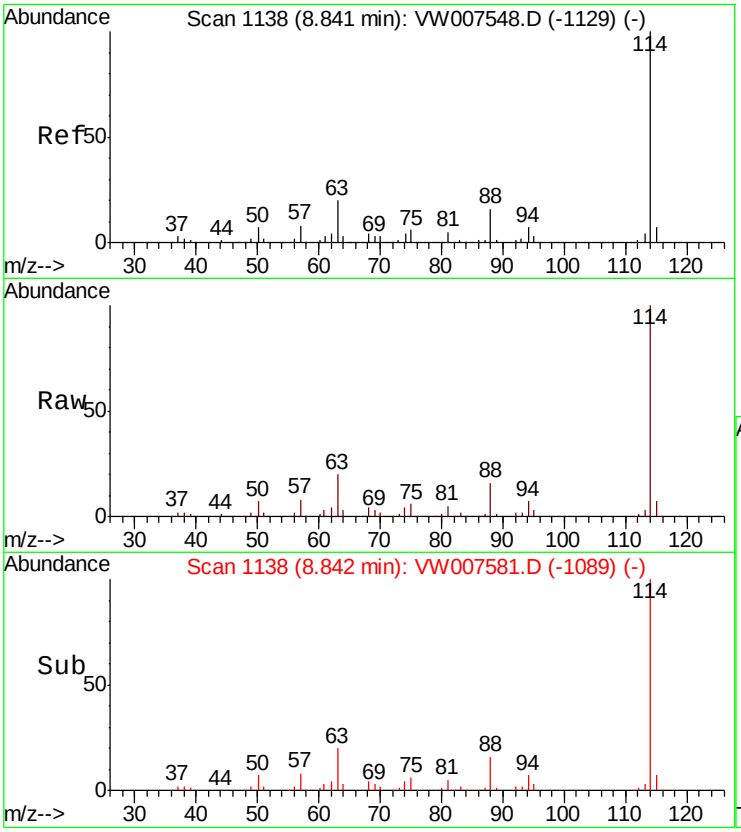


#33
1,2-Dichloroethane-d4
Concen: 57.693 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 65 Resp: 35148

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6



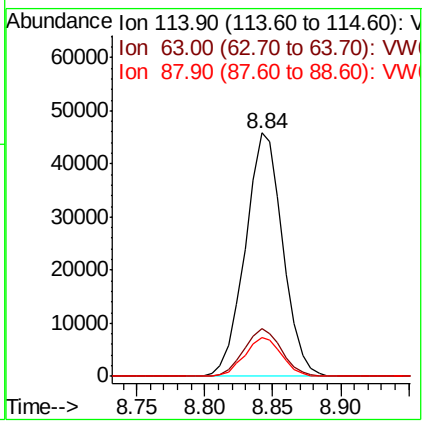


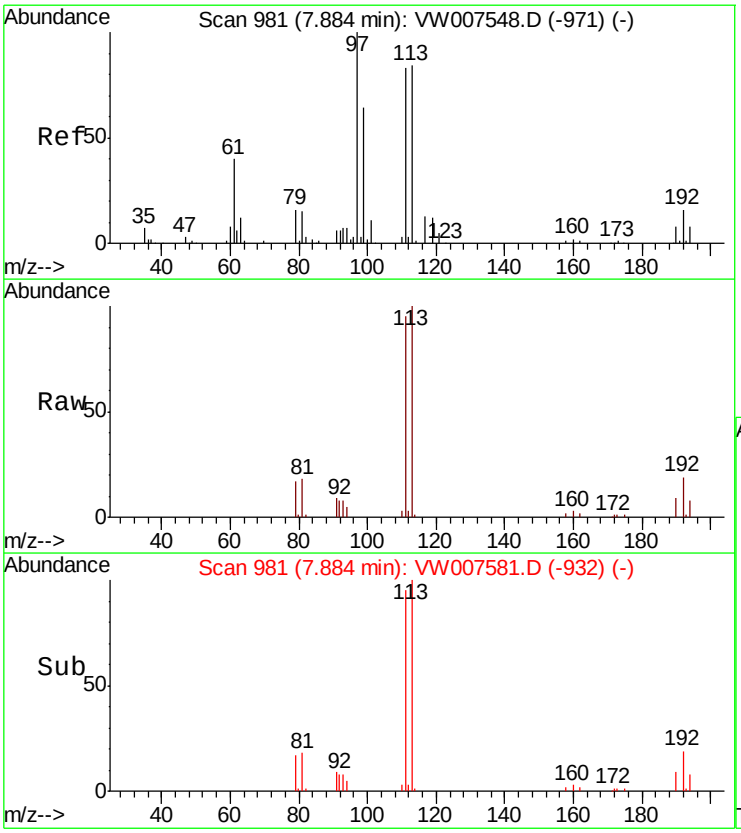
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:114 Resp: 88561

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	16.2	0.0	31.4

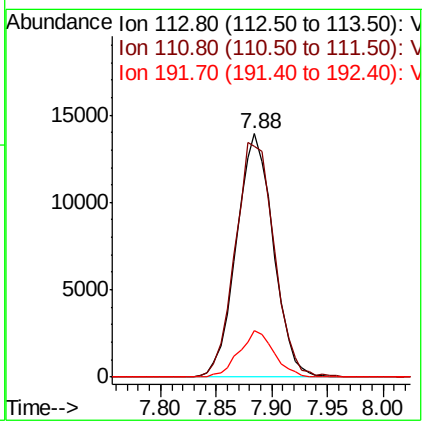


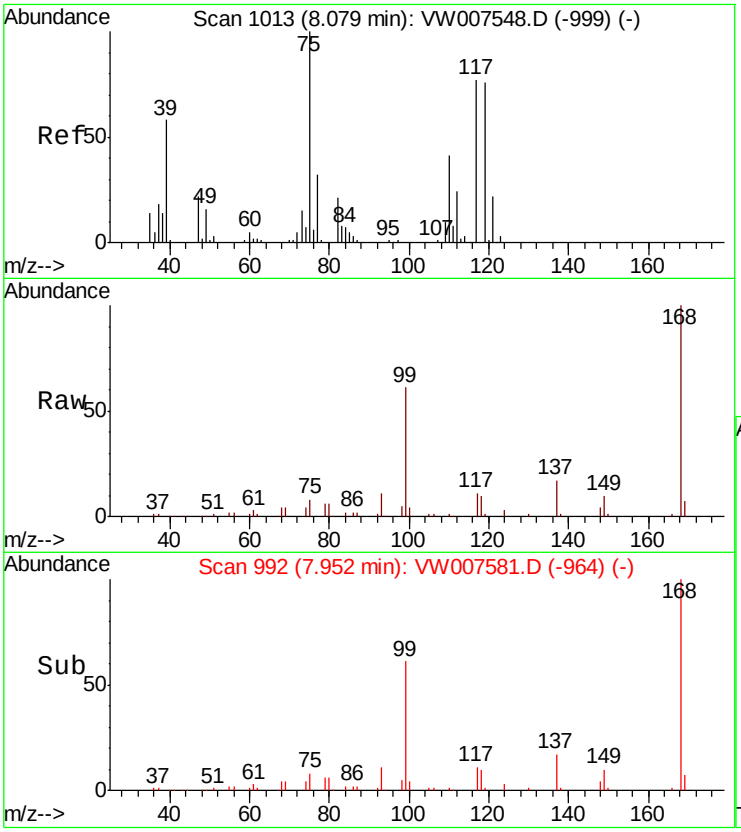


#35
Dibromofluoromethane
Concen: 59.790 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:113 Resp: 32053

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.1	121.7
192	18.0	14.6	21.8



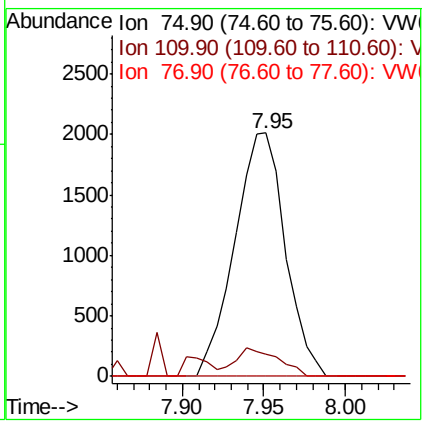


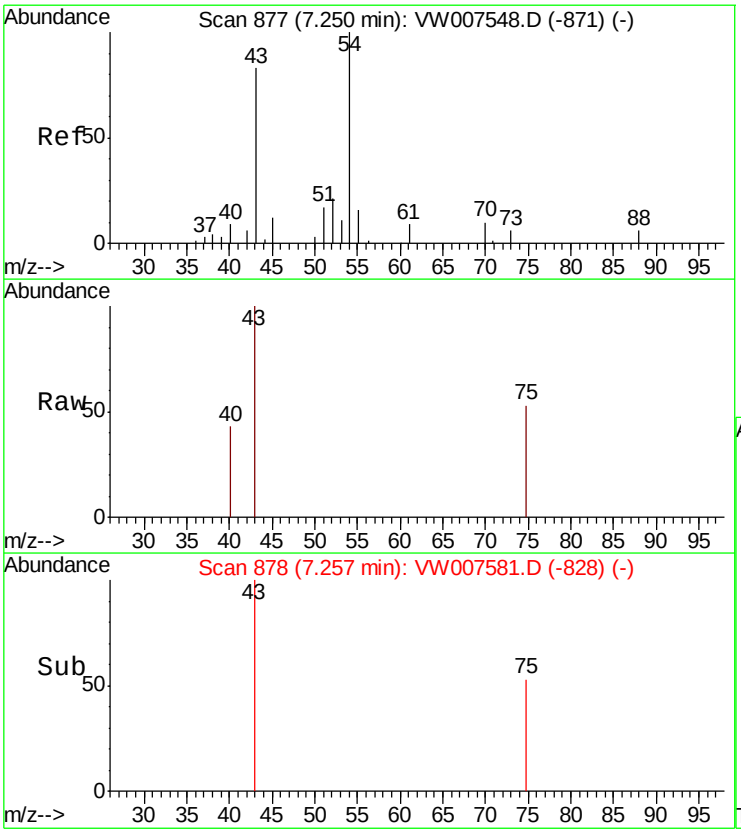
#36
1,1-Dichloropropene
Concen: 5.358 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 75 Resp: 4329

Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.5	55.5#
77	0.0	25.6	38.4#

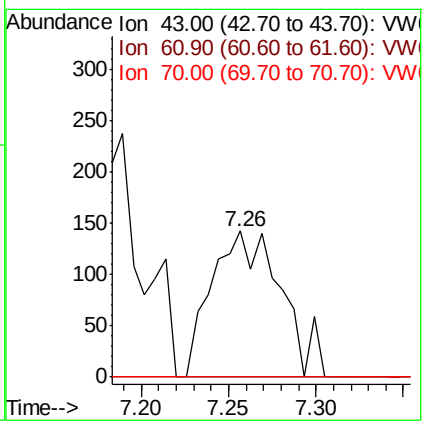


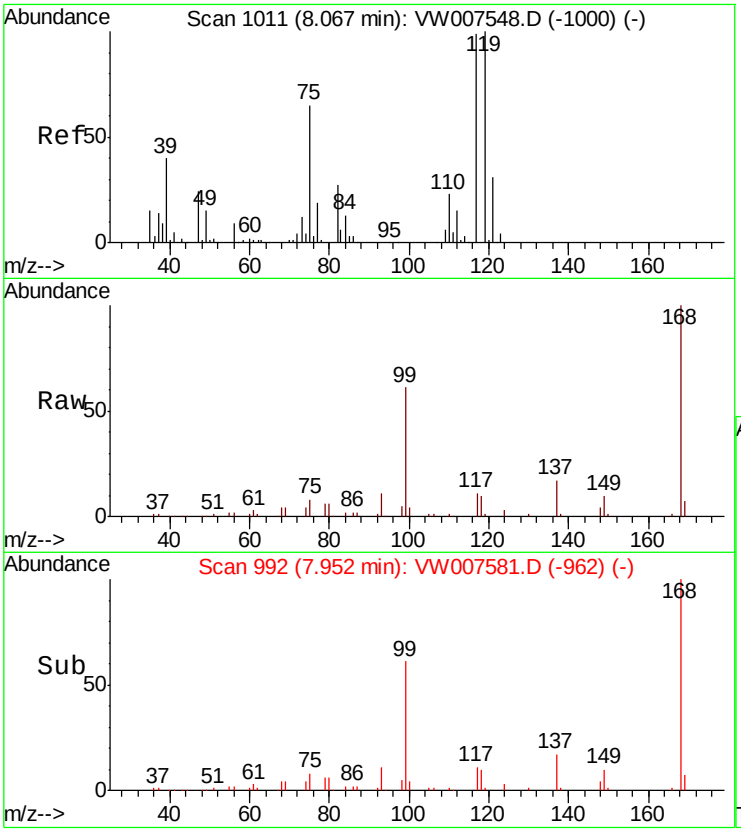


#37
Ethyl Acetate
Concen: 1.315 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 395

Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.1	18.1#
70	0.0	10.0	15.0#



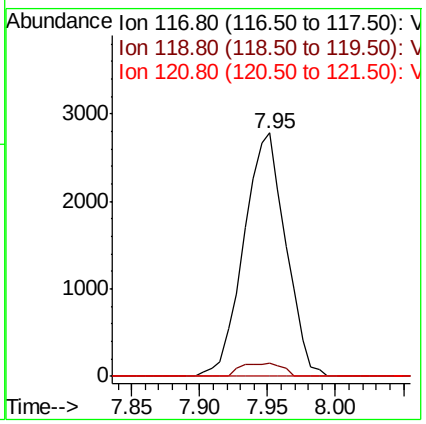


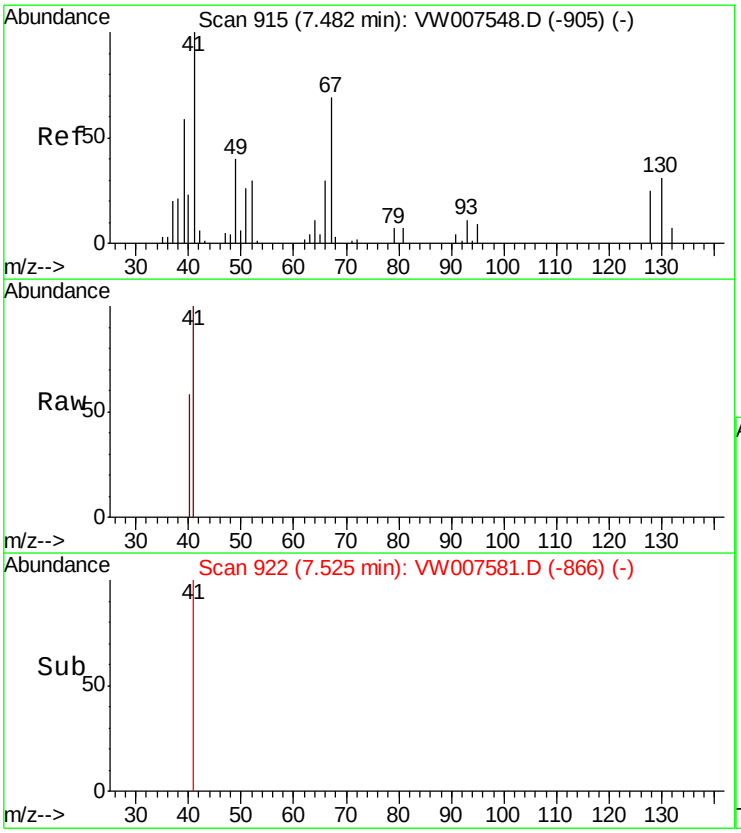
#38
Carbon Tetrachloride
Concen: 6.839 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:117 Resp: 6012

Ion	Ratio	Lower	Upper
117	100		
119	5.5	74.3	111.5#
121	0.0	24.3	36.5#

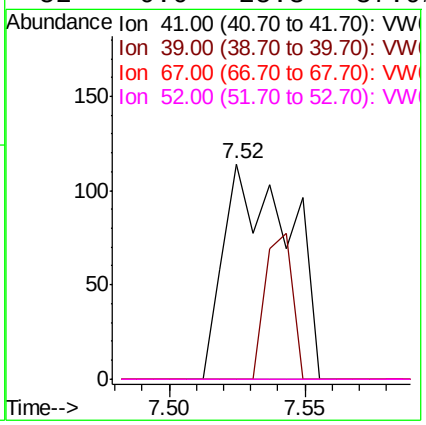


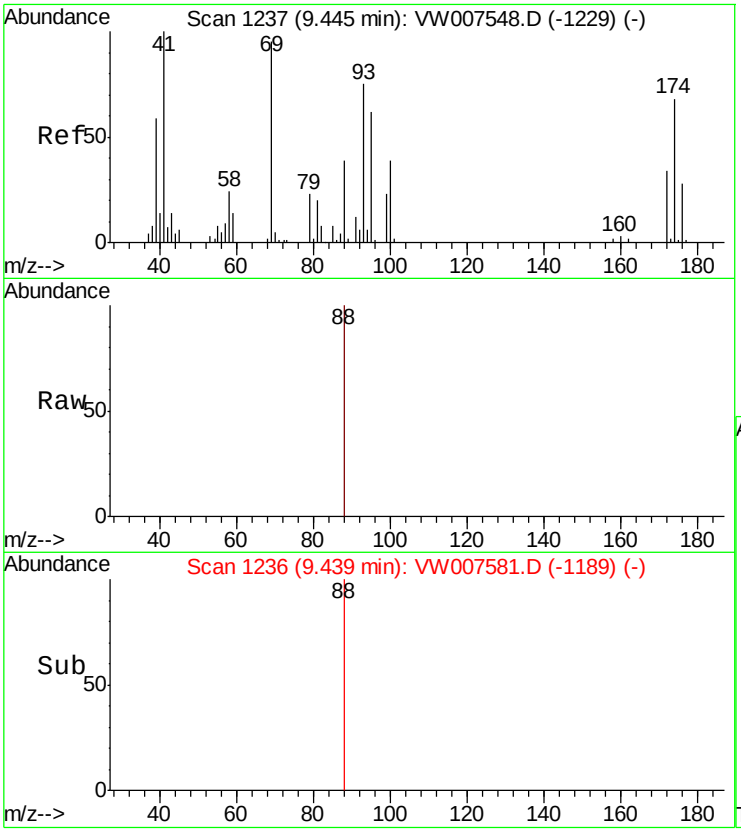


#41
Methacrylonitrile
Concen: 1.105 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.04 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 41 Resp: 189

Ion	Ratio	Lower	Upper
41	100		
39	28.0	52.2	78.2#
67	0.0	60.5	90.7#
52	0.0	25.3	37.9#



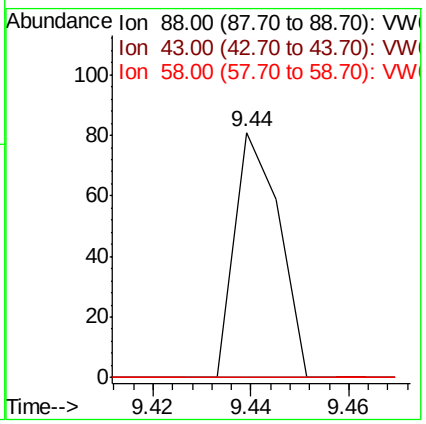


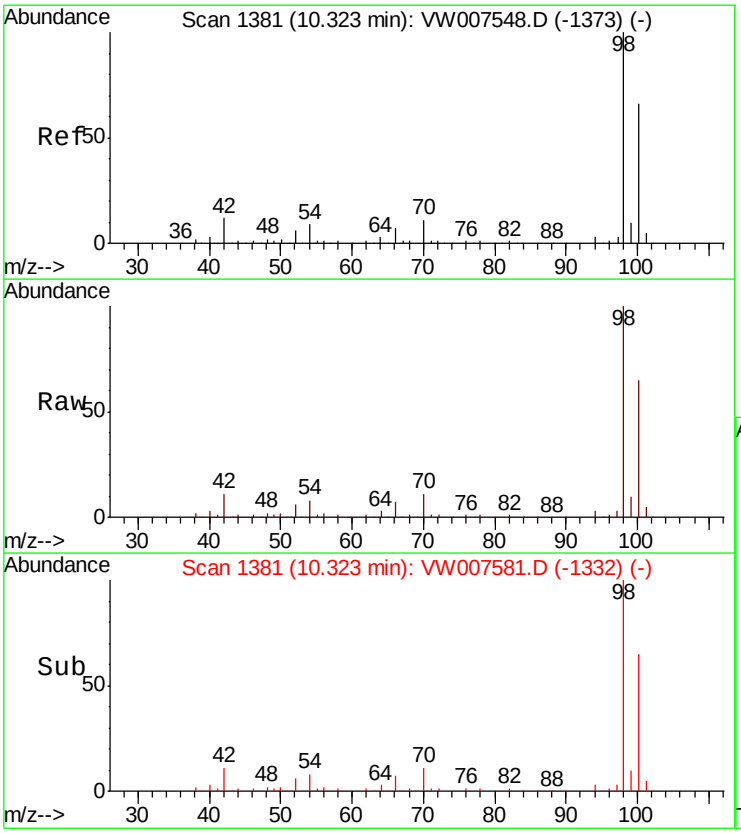
#49
1,4-Dioxane
Concen: 10.668 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 88 Resp: 51

Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.0	37.4#
58	0.0	51.4	77.2#

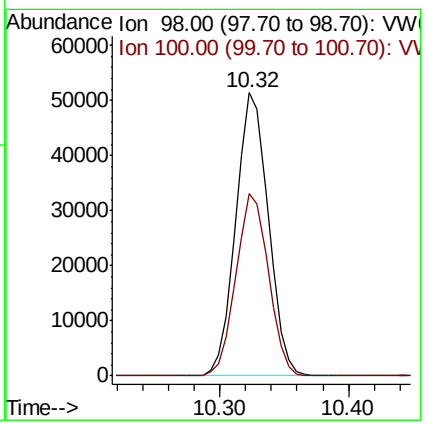


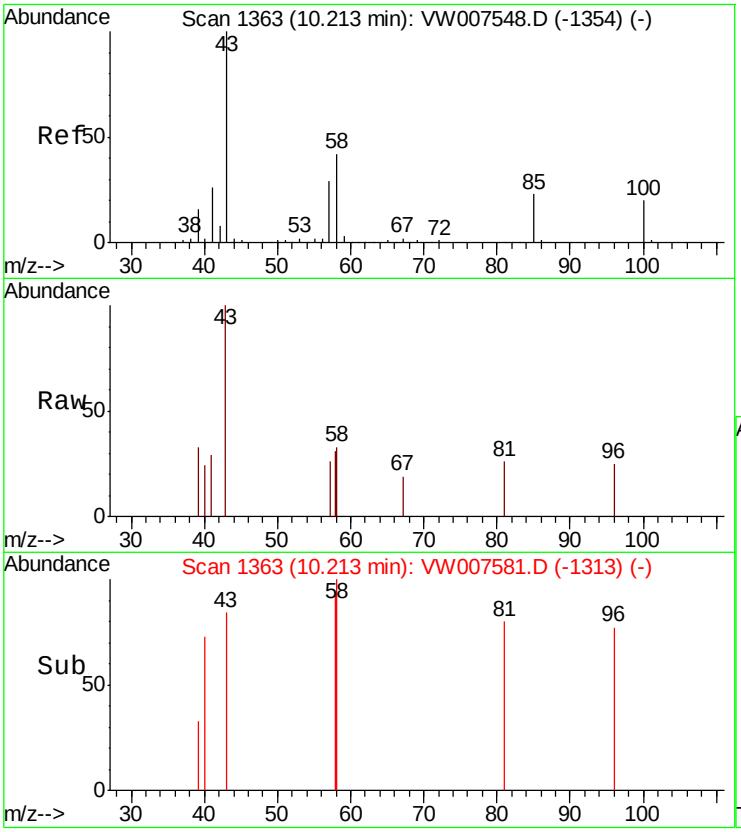


#50
Toluene-d8
Concen: 44.737 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 98 Resp: 89925

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.8	77.8



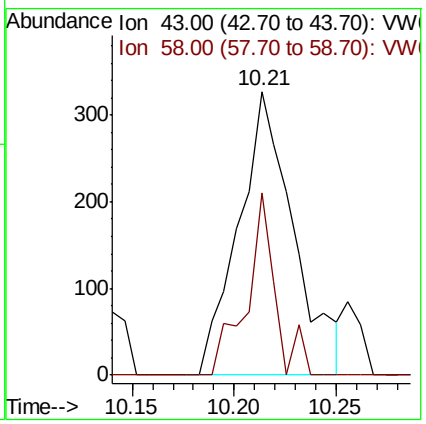


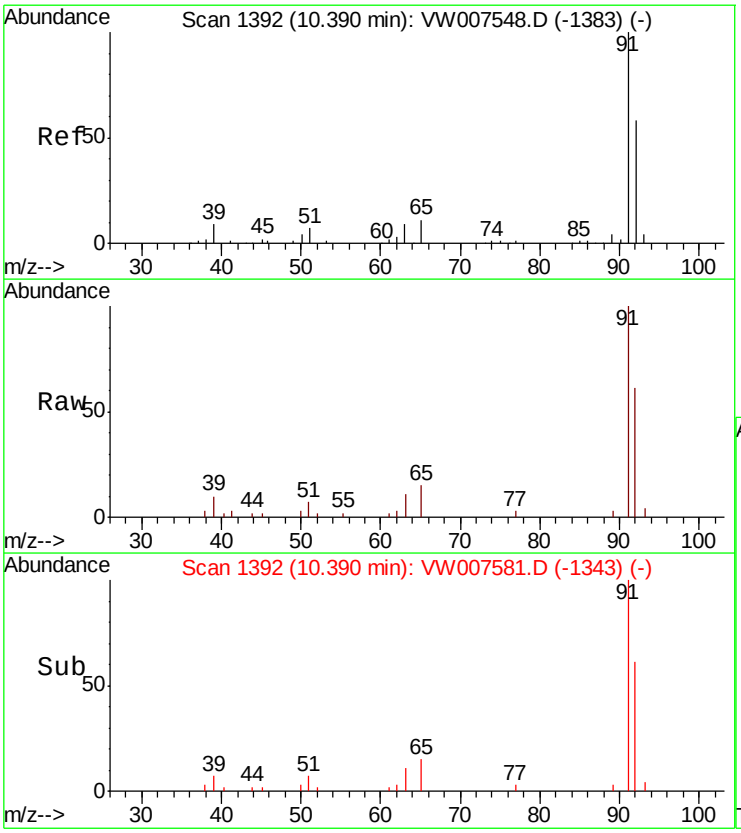
#51
4-Methyl-2-Pentanone
Concen: 2.189 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 43 Resp: 614

Ion	Ratio	Lower	Upper
43	100		
58	33.7	33.1	49.7

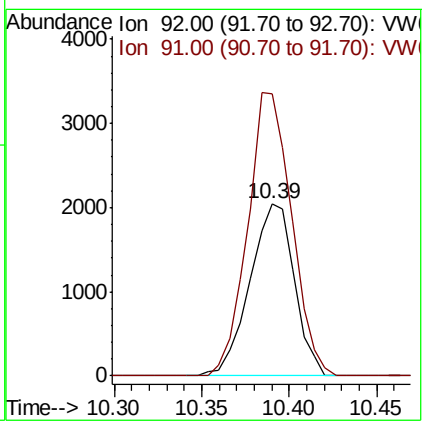


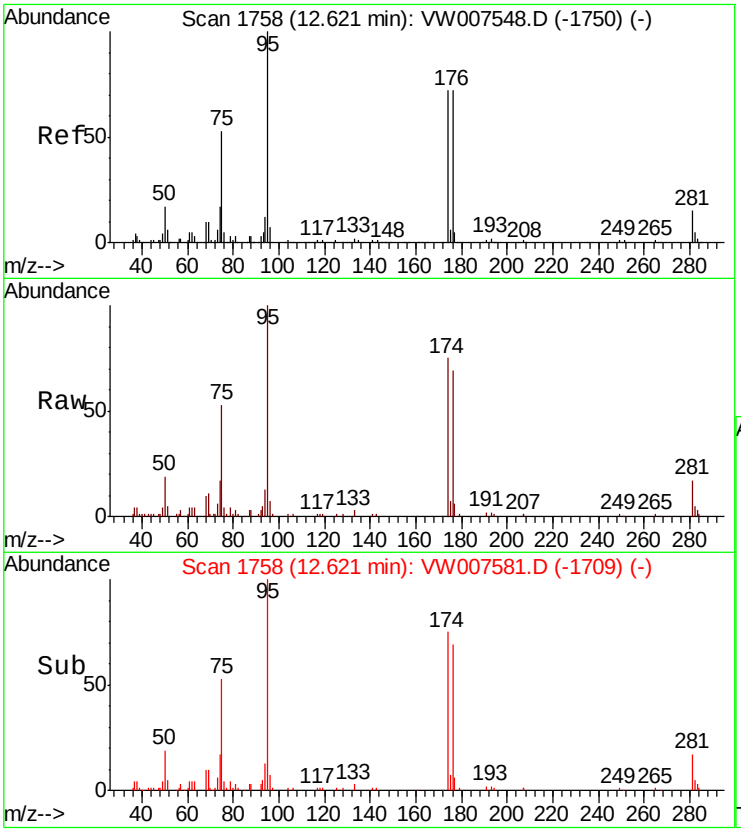


#52
Toluene
Concen: 2.507 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 92 Resp: 3637

Ion	Ratio	Lower	Upper
92	100		
91	162.8	136.2	204.2



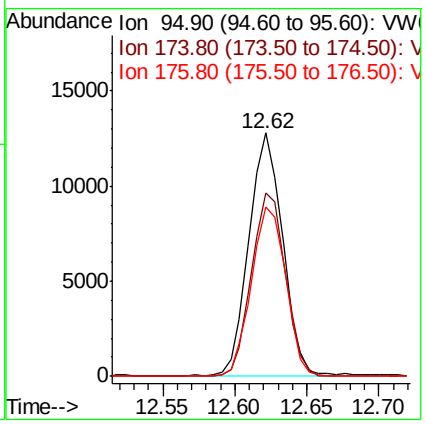


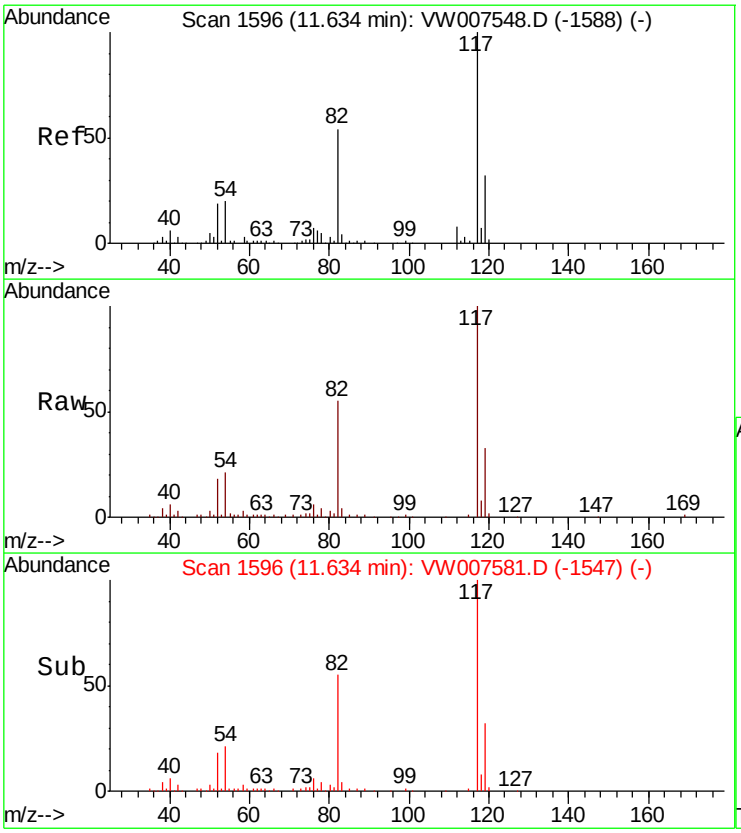
#62
4-Bromofluorobenzene
Concen: 28.096 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 95 Resp: 20764

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	147.2
176	70.5	0.0	138.8

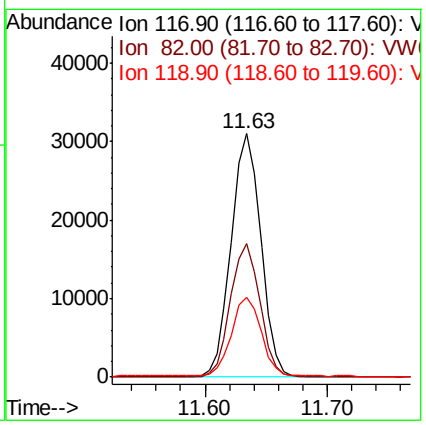


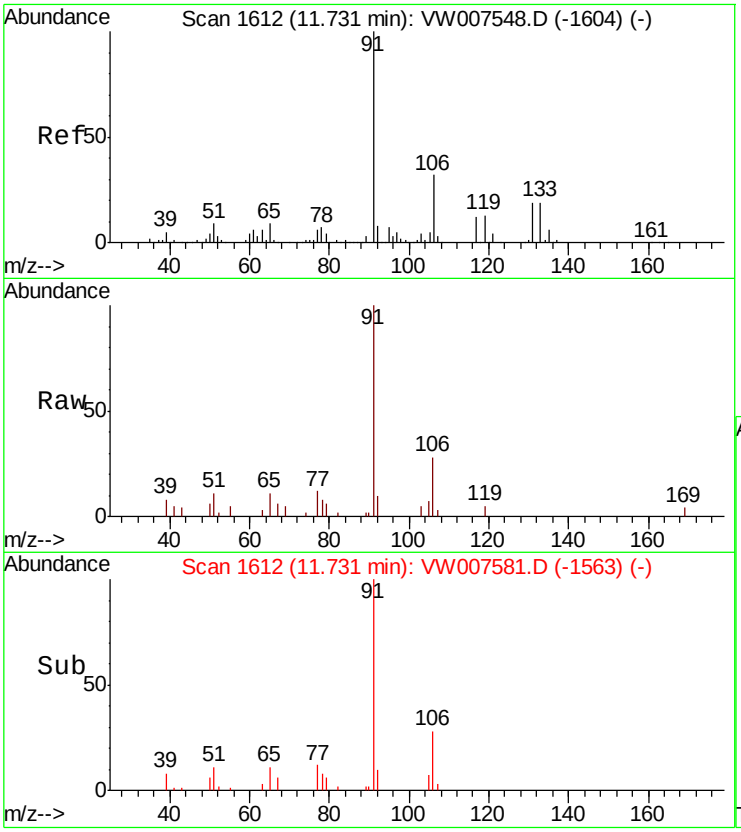


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:117 Resp: 52238

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.3	63.5
119	32.2	23.0	34.6



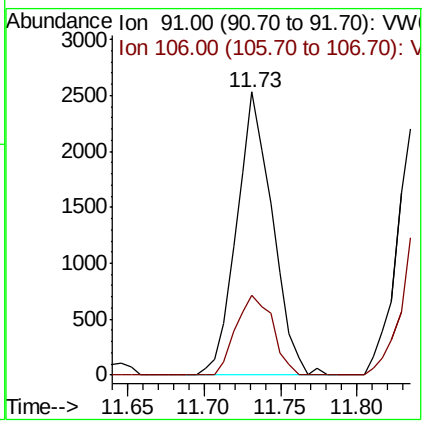


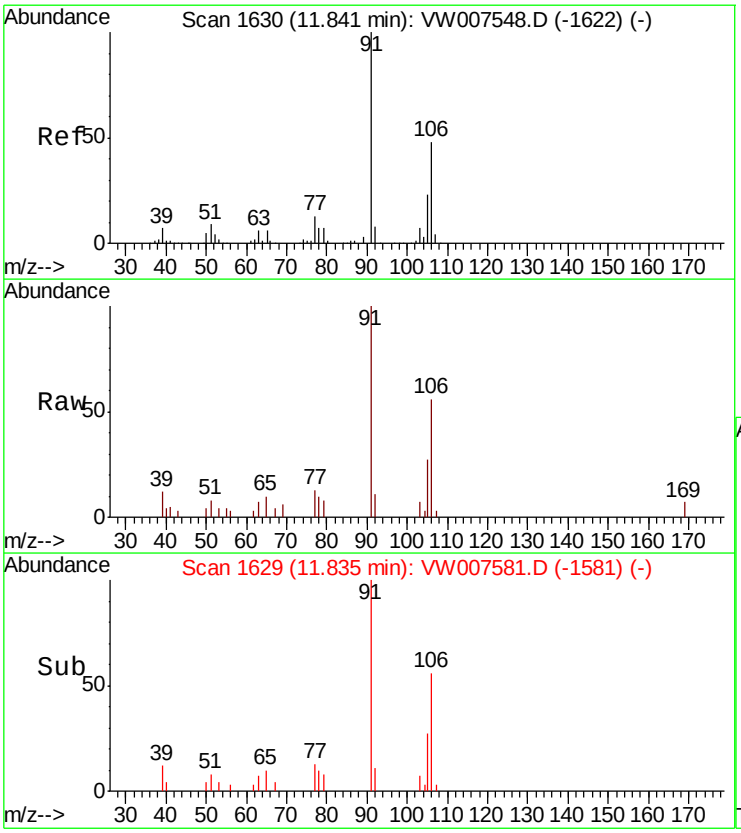
#67
Ethyl Benzene
Concen: 2.190 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument : MSVOA_W
ClientSampleId : P001-SS002-0002-01

Tgt Ion: 91 Resp: 4099

Ion	Ratio	Lower	Upper
91	100		
106	28.2	21.8	32.8

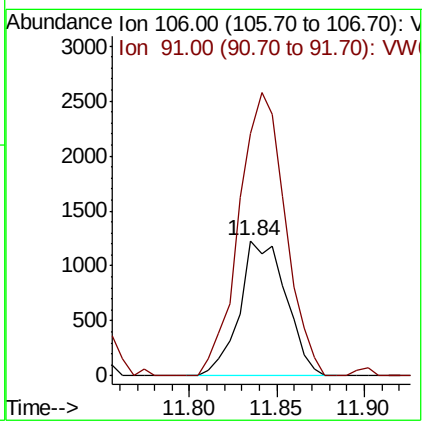


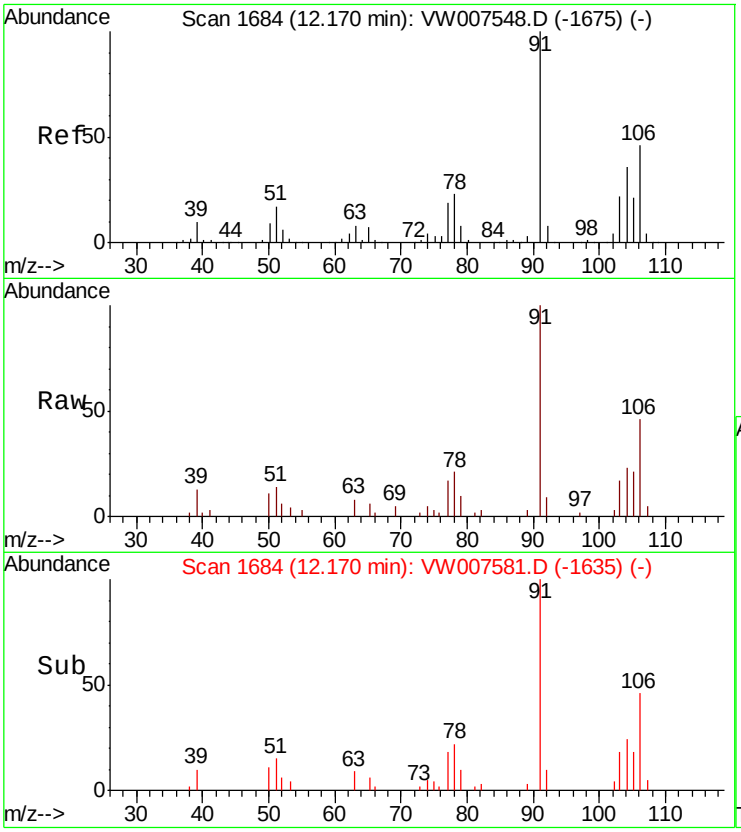


#68
m/p-Xylenes
Concen: 3.115 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:106 Resp: 2267

Ion	Ratio	Lower	Upper
106	100		
91	210.3	165.3	247.9



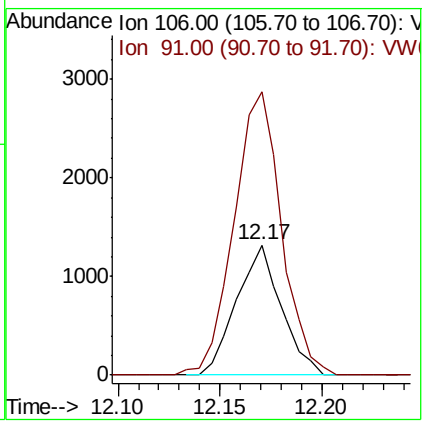


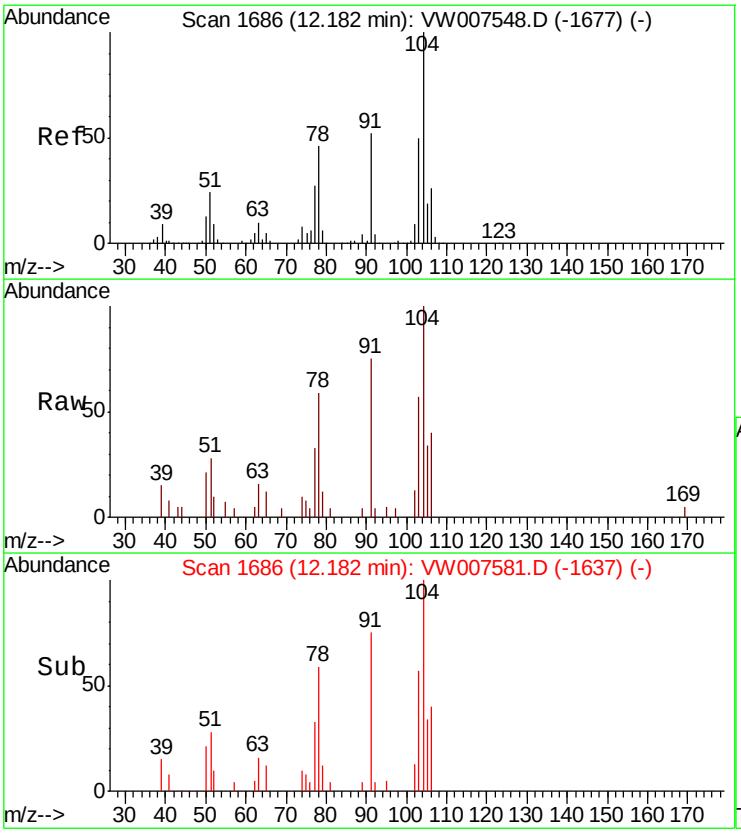
#69
o-Xylene
Concen: 2.959 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:106 Resp: 2011

Ion	Ratio	Lower	Upper
106	100		
91	230.5	106.6	319.8

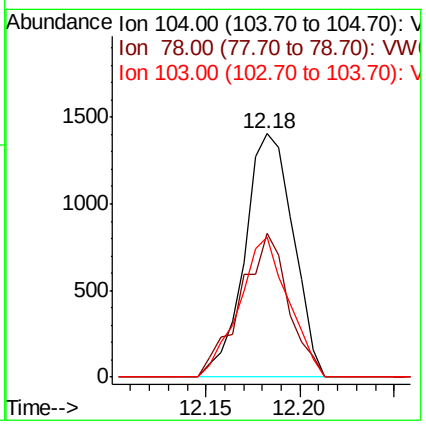


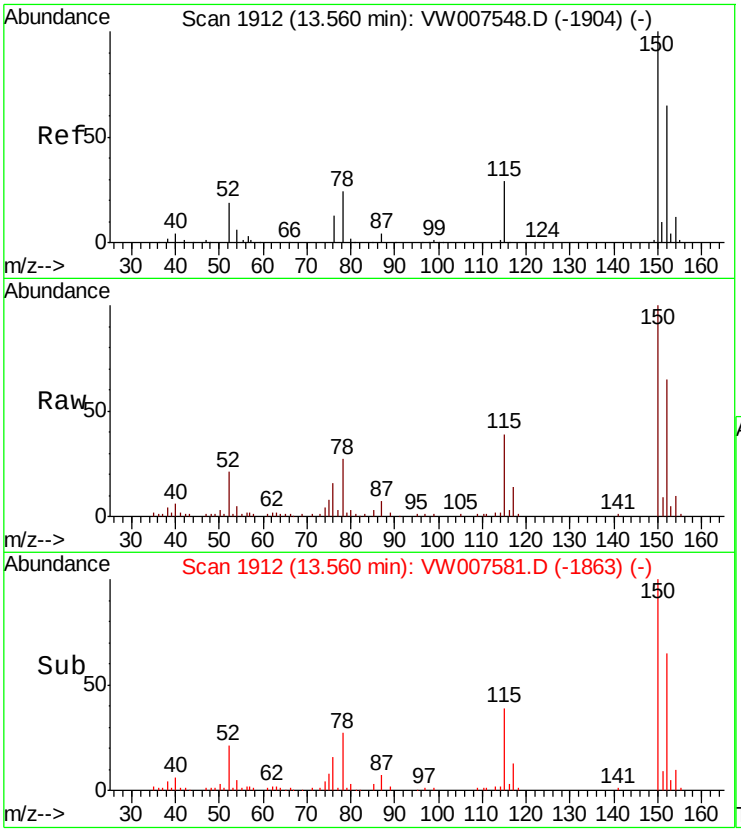


#70
Styrene
Concen: 2.281 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:104 Resp: 2504

Ion	Ratio	Lower	Upper
104	100		
78	58.3	41.8	62.8
103	58.4	46.6	69.8



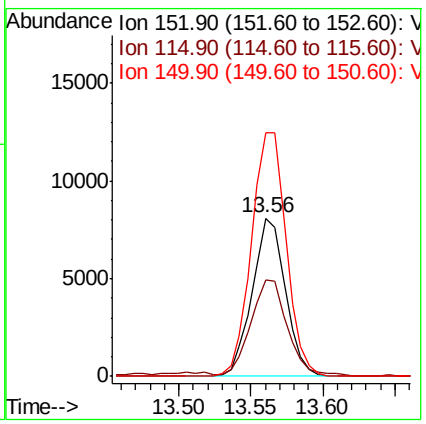


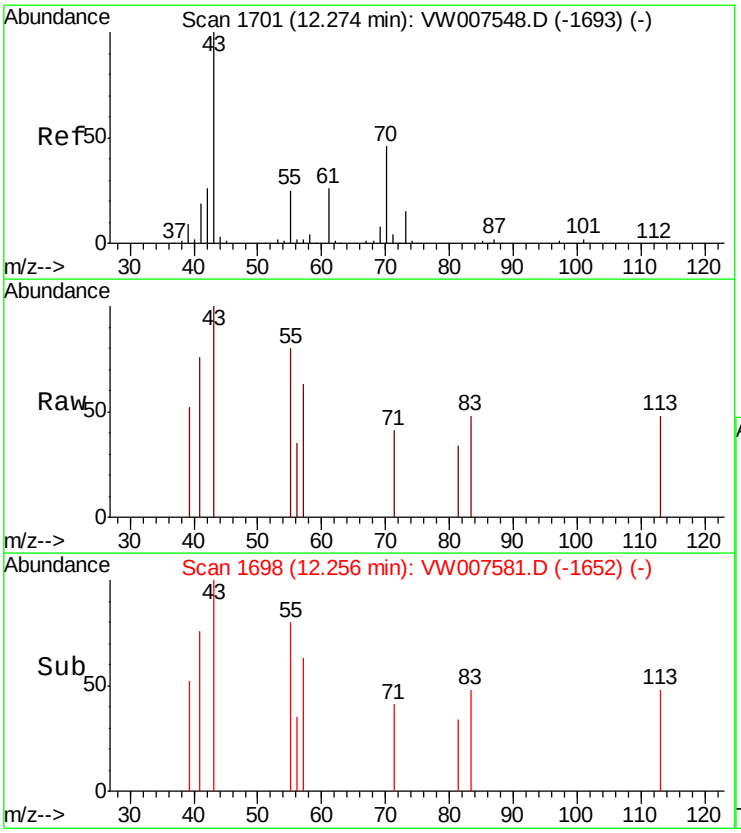
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:152 Resp: 12867

Ion	Ratio	Lower	Upper
152	100		
115	68.1	31.4	94.2
150	160.4	0.0	358.4

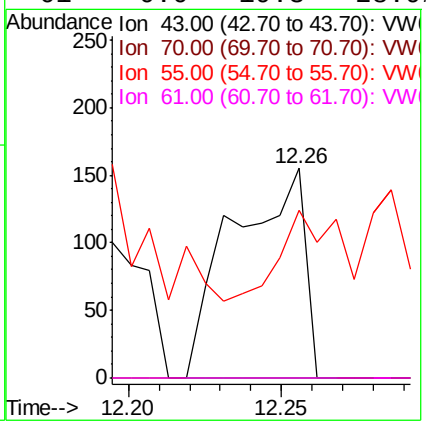


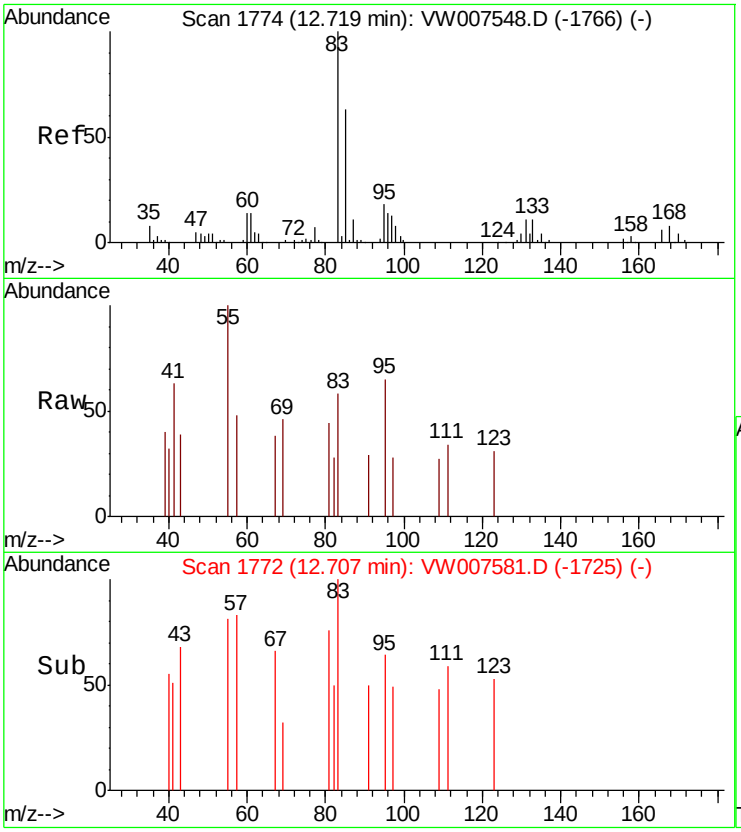


#74
N-amyl acetate
Concen: 1.406 ug/l
RT: 12.26 min Scan# 1698
Delta R.T. -0.02 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 252

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.5	54.7#
55	42.9	20.1	30.1#
61	0.0	19.3	28.9#



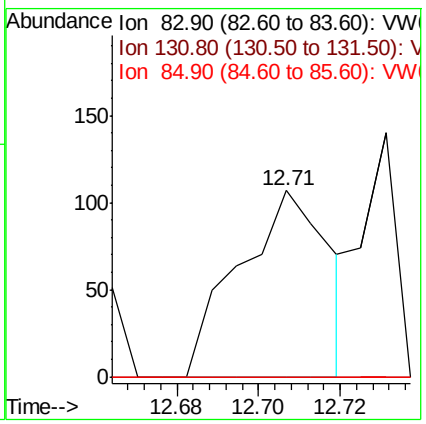


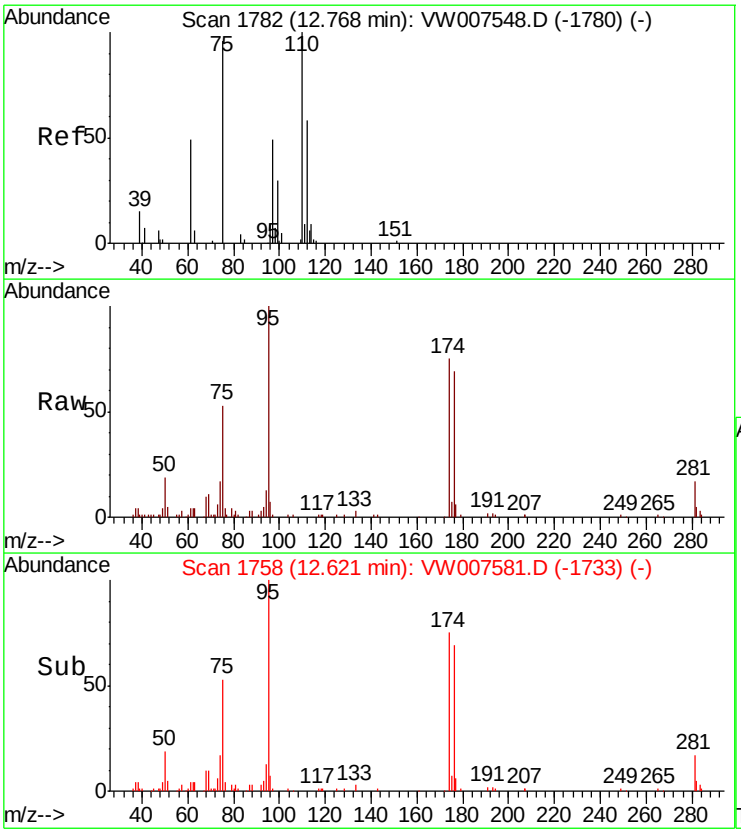
#75
1,1,2,2-Tetrachloroethane
Concen: 1.123 ug/l
RT: 12.71 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 83 Resp: 164

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.9	17.8#
85	0.0	30.0	90.0#

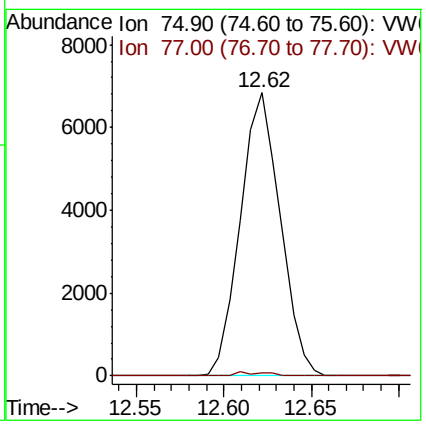


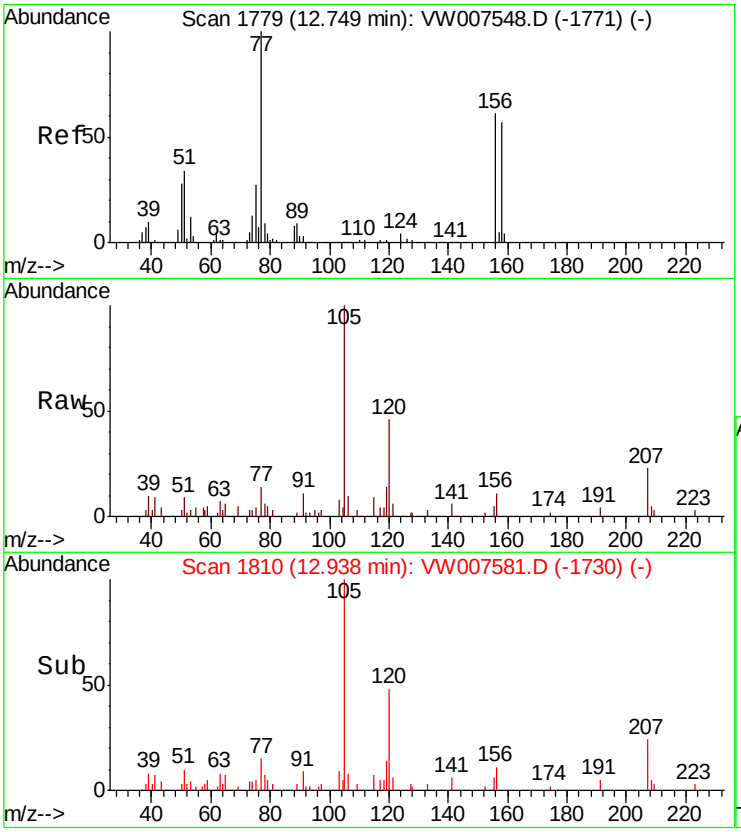


#76
1,2,3-Trichloropropane
Concen: 102.468 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 75 Resp: 10871

Ion	Ratio	Lower	Upper
75	100		
77	1.0	166.9	500.8#



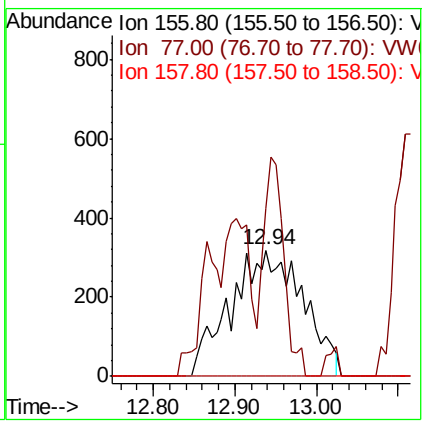


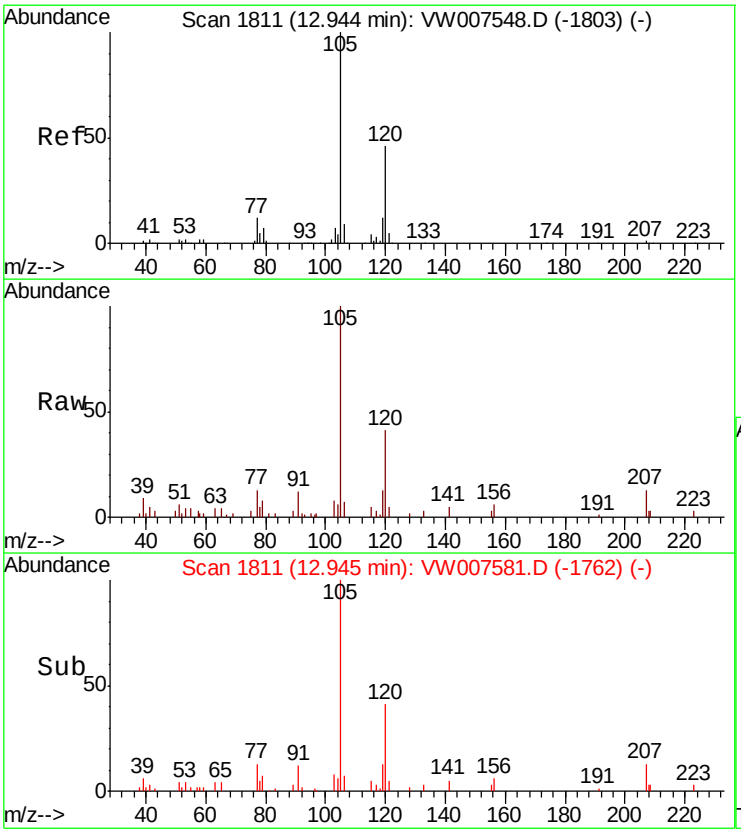
#77
Bromobenzene
Concen: 8.964 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. 0.19 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:156 Resp: 1959

Ion	Ratio	Lower	Upper
156	100		
77	49.3	88.1	264.4#
158	0.0	45.6	136.7#

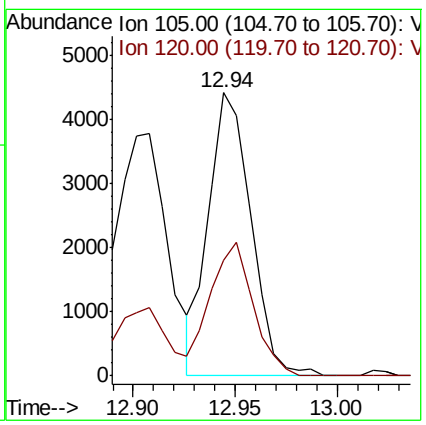


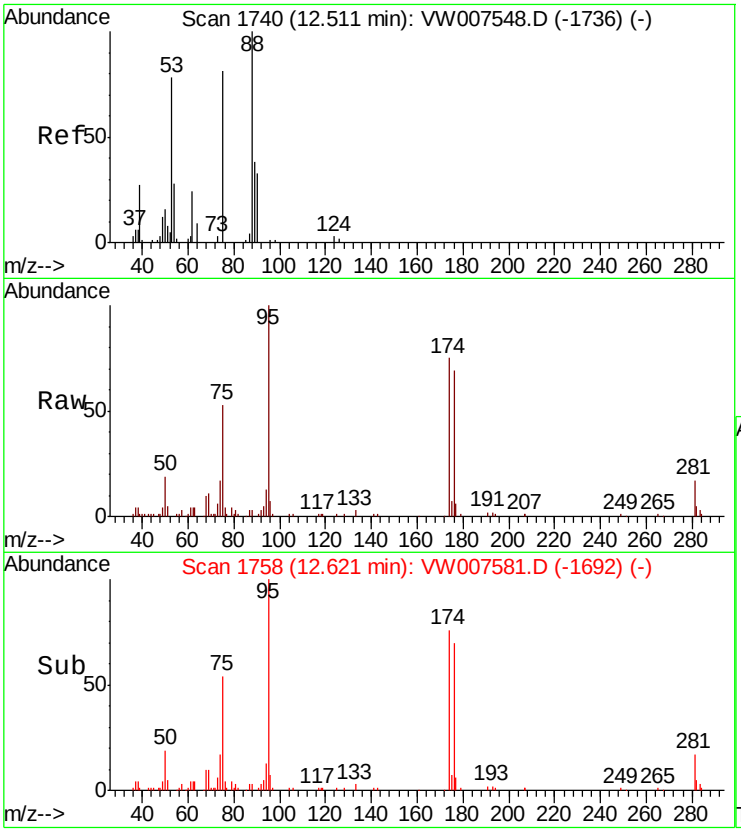


#80
1,3,5-Trimethylbenzene
Concen: 7.718 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:105 Resp: 6394

Ion	Ratio	Lower	Upper
105	100		
120	47.7	23.8	71.4



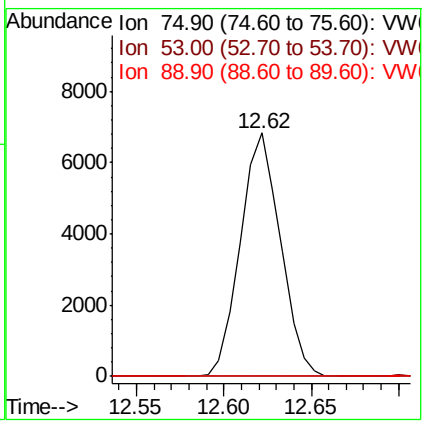


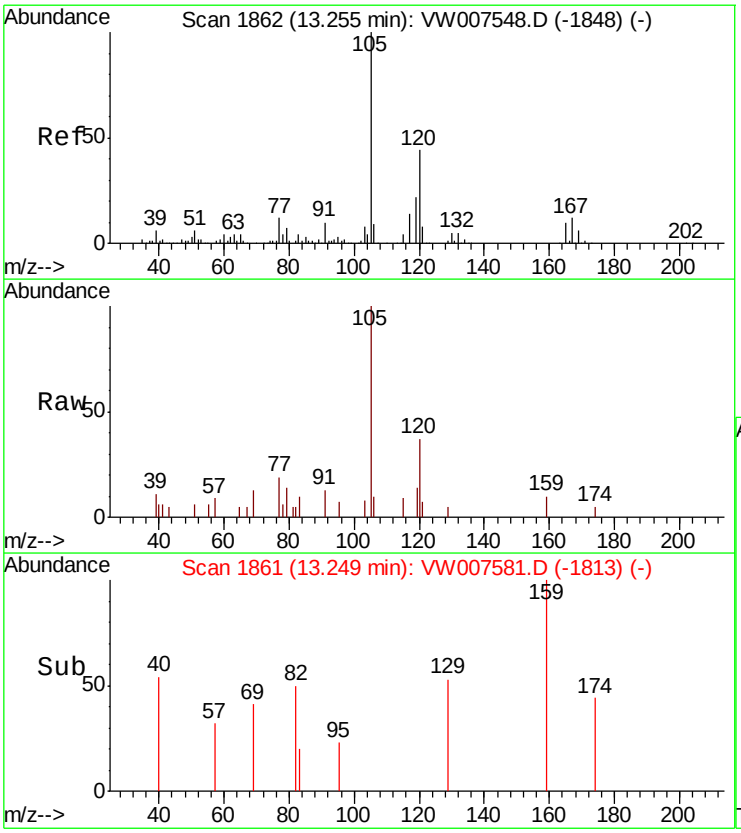
#81
trans-1,4-Dichloro-2-butene
Concen: 226.352 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 75 Resp: 10871

Ion	Ratio	Lower	Upper
75	100		
53	0.0	84.9	127.3#
89	0.0	40.3	60.5#

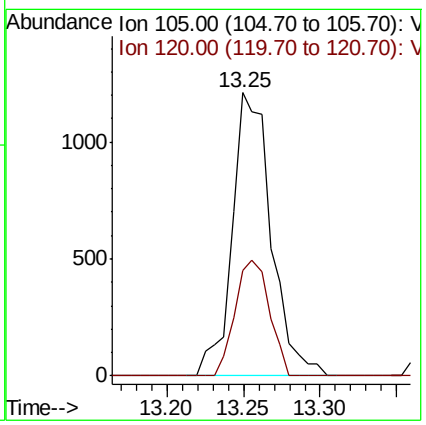


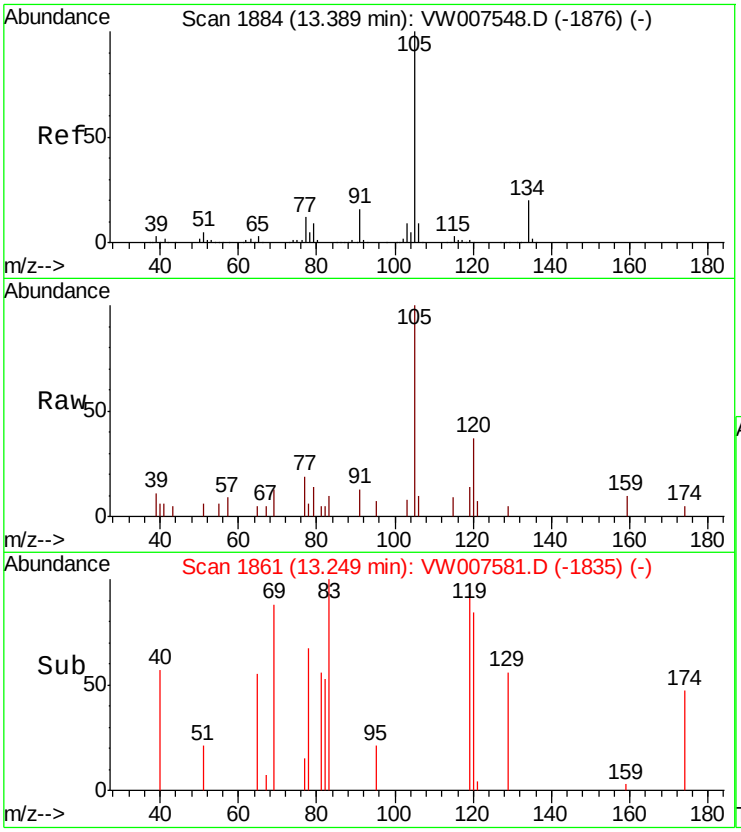


#84
1,2,4-Trimethylbenzene
Concen: 2.511 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:105 Resp: 2141

Ion	Ratio	Lower	Upper
105	100		
120	35.8	22.6	67.7



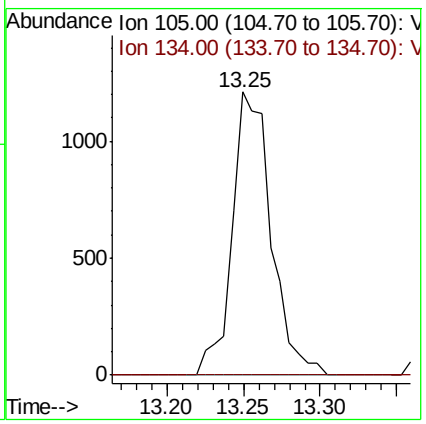


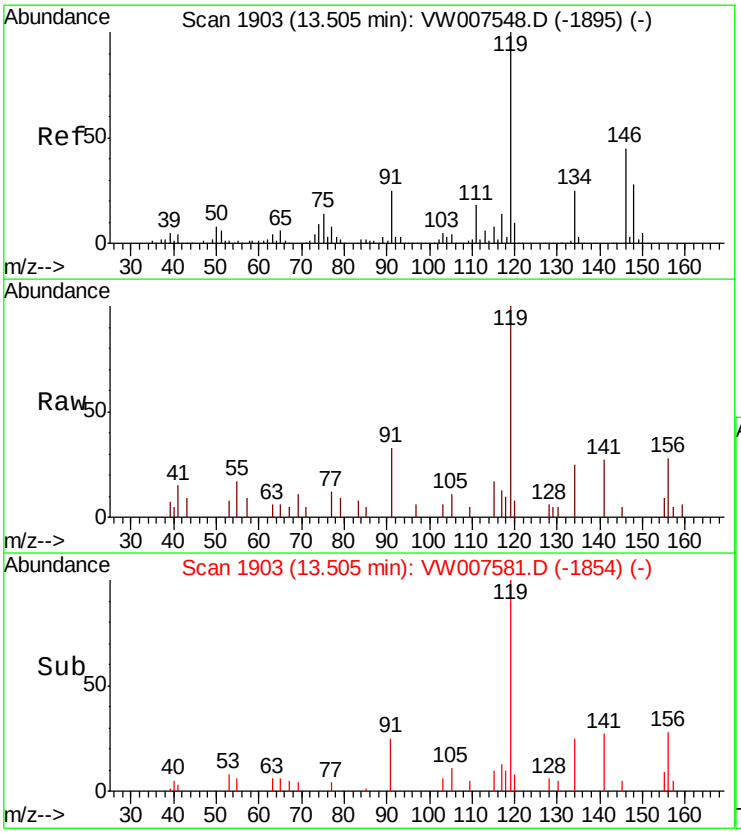
#85
sec-Butylbenzene
Concen: 2.149 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.14 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:105 Resp: 2141

Ion	Ratio	Lower	Upper
105	100		
134	0.0	11.1	33.3#

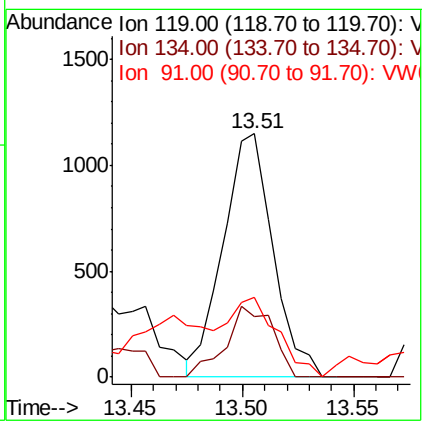


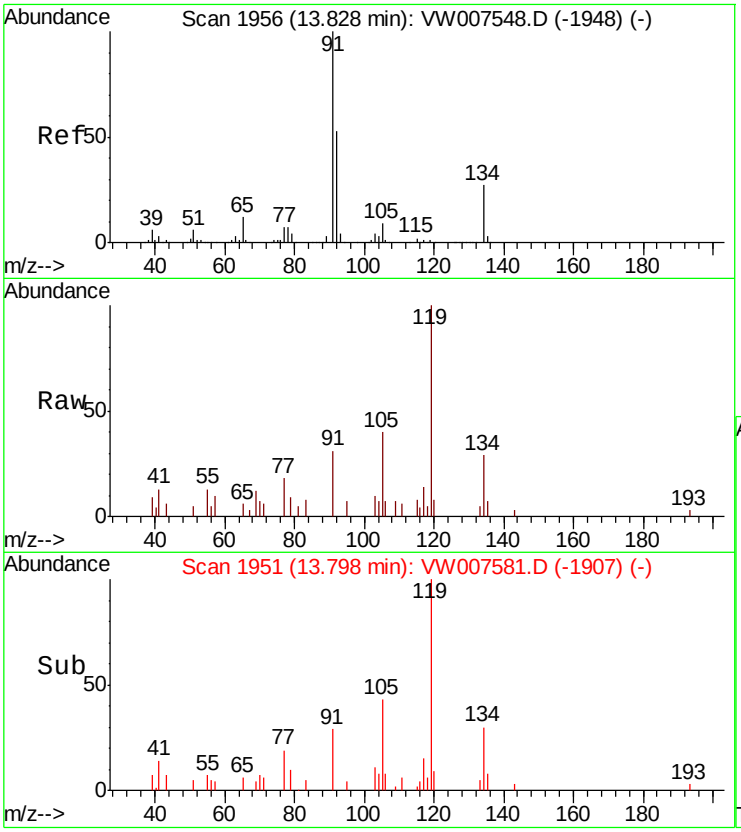


#86
p-Isopropyltoluene
Concen: 2.006 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:119 Resp: 1796

Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.9	38.7
91	32.0	11.9	35.9



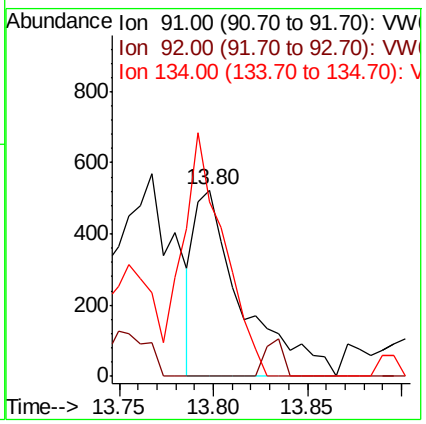


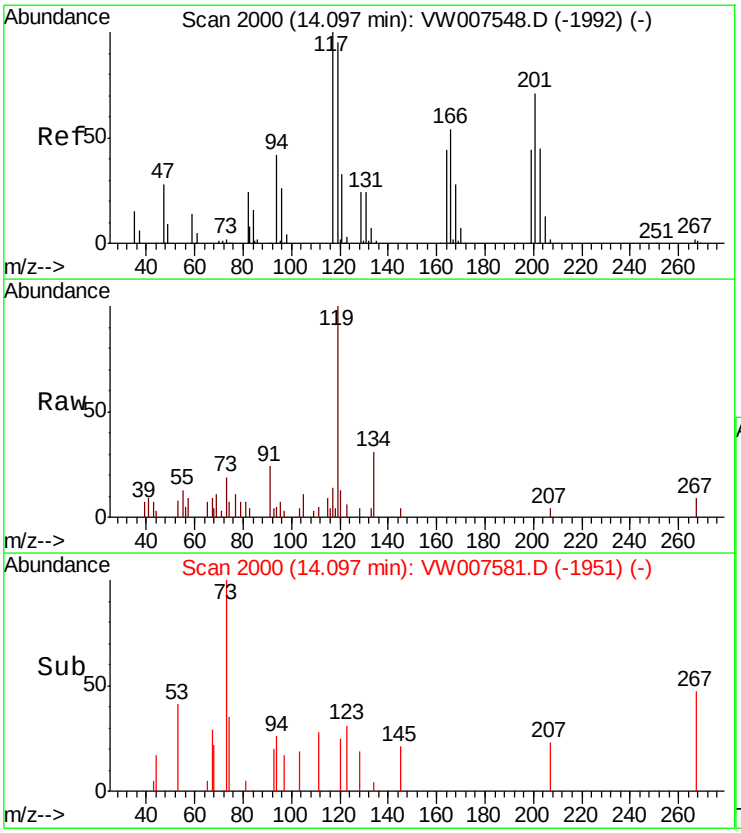
#89
n-Butylbenzene
Concen: 1.100 ug/l
RT: 13.80 min Scan# 1951
Delta R.T. -0.03 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 91 Resp: 913

Ion	Ratio	Lower	Upper
91	100		
92	0.0	25.7	77.1#
134	112.7	13.4	40.2#

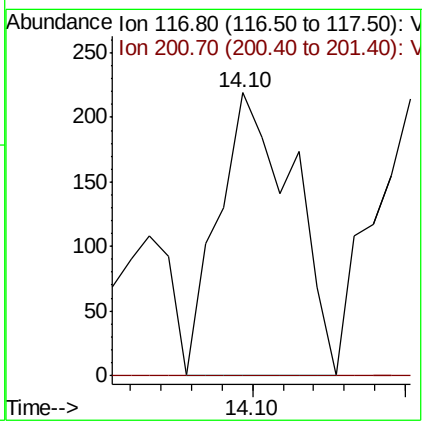


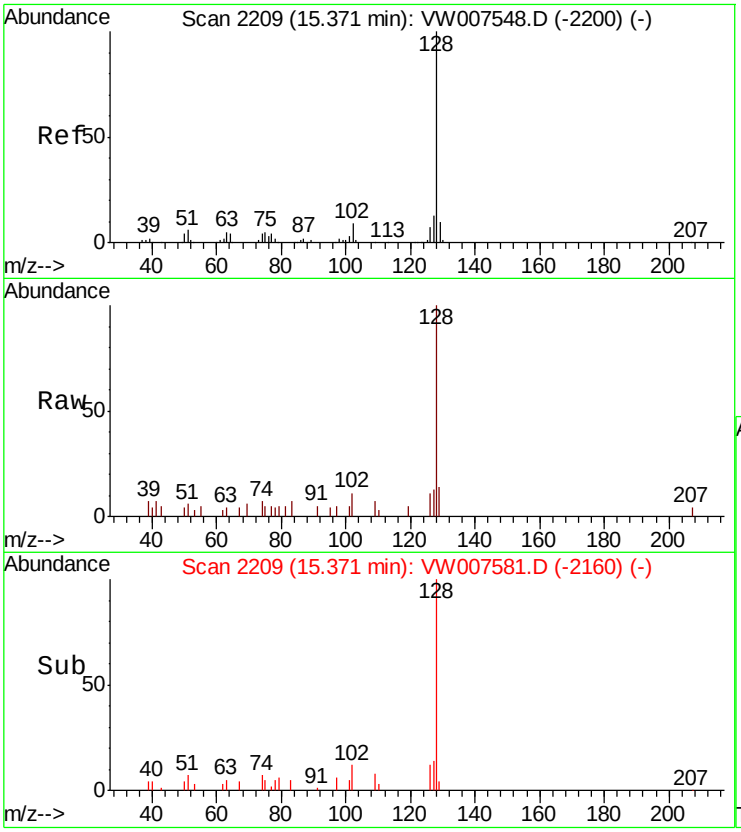


#90
Hexachloroethane
Concen: 2.342 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:117 Resp: 373

Ion	Ratio	Lower	Upper
117	100		
201	0.0	35.3	105.9#





#95
Naphthalene
Concen: 7.229 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion:128 Resp: 3714

Ion	Ratio	Lower	Upper
128	100		
127	16.0	10.2	15.4#
129	15.7	8.3	12.5#