Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015676.D
Acq On : 24 Jun 2020 12:16
Operator : SY/VA
Sample : L3020-16RE
Misc : 6.93G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MW-27(13-15)

Quant Time: Jun 25 02:02:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	165418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	270967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	119801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	104811	56.95	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.90%			
35) Dibromofluoromethane	7.88	113	94531	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.74%			
50) Toluene-d8	10.32	98	370866	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.42%			
62) 4-Bromofluorobenzene	12.62	95	124412	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.21	59	44	Below Cal	#	72
16) Acetone	4.15	43	4941	14.122	ug/l	91
18) Methyl Acetate	4.68	43	22	Below Cal	#	52
31) Cyclohexane	7.95	56	5553	1.752	ug/l #	38
36) 1,1-Dichloropropene	7.95	75	13989	4.553	ug/l #	50
38) Carbon Tetrachloride	7.95	117	16986	5.703	ug/l #	17
39) Methylcyclohexane	9.34	83	4855	1.304	ug/l #	84
51) 4-Methyl-2-Pentanone	10.25	43	2660	2.356	ug/l #	74
55) 1,1,2-Trichloroethane	10.77	97	1593	1.084	ug/l #	41
59) 2-Hexanone	10.93	43	2429	3.160	ug/l #	28
67) Ethyl Benzene	11.73	91	28449	2.676	ug/l	98
68) m/p-Xylenes	11.85	106	4832	1.210	ug/l	99
76) 1,2,3-Trichloropropane	12.62	75	67302	61.589	ug/l #	1
78) n-propylbenzene	12.80	91	15088	1.372	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	23337	3.014	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.62	75	67302	155.205	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.26	105	44370	5.746	ug/l	99
90) Hexachloroethane	14.10	117	2417	1.599	ug/l #	12
95) Naphthalene	15.37	128	29197	7.643	ug/l	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015676.D
Acq On : 24 Jun 2020 12:16
Operator : SY/VA
Sample : L3020-16RE
Misc : 6.93G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Quant Time: Jun 25 02:02:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
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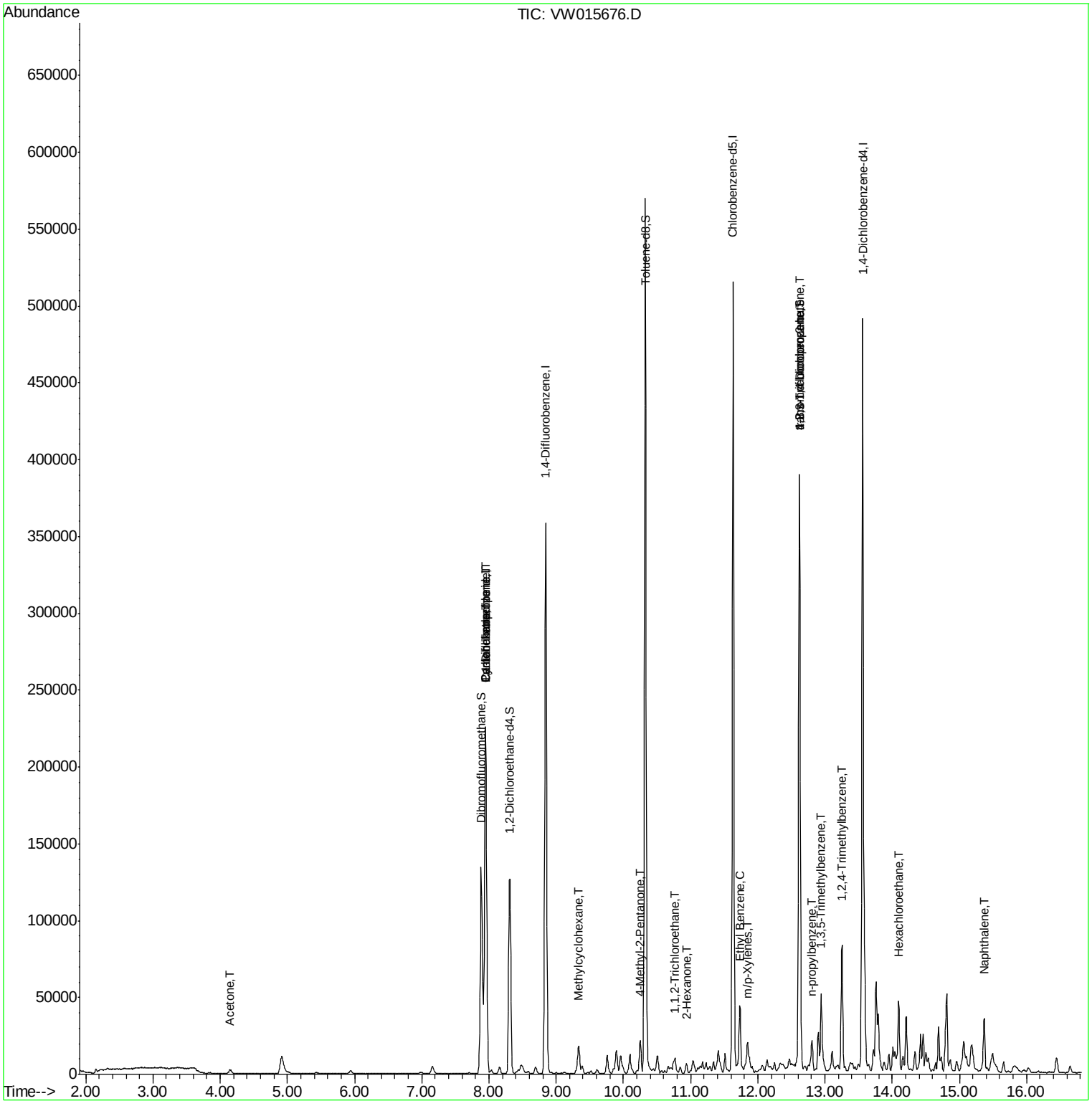
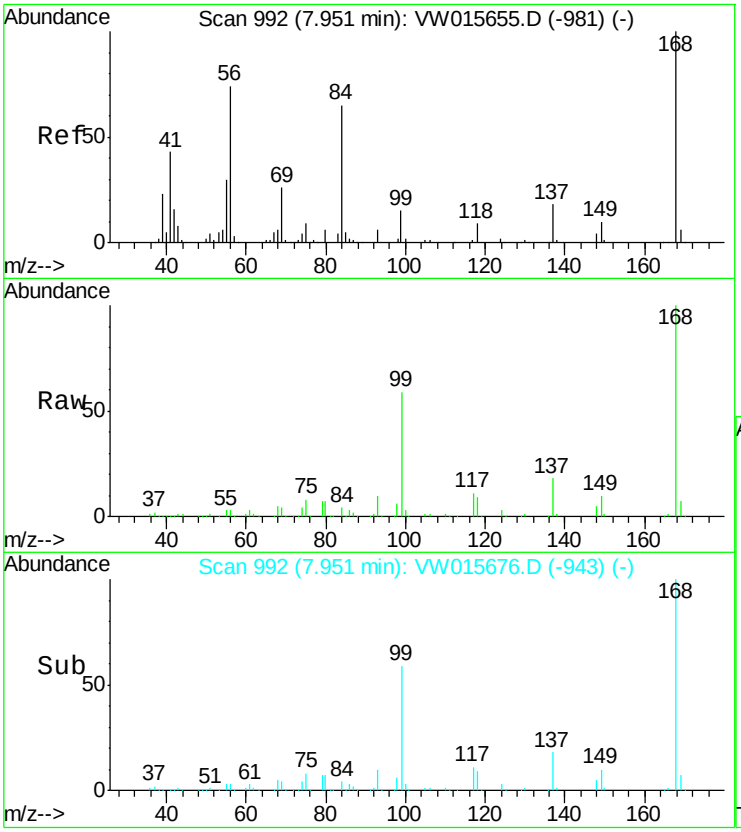
Response via : Initial Calibration



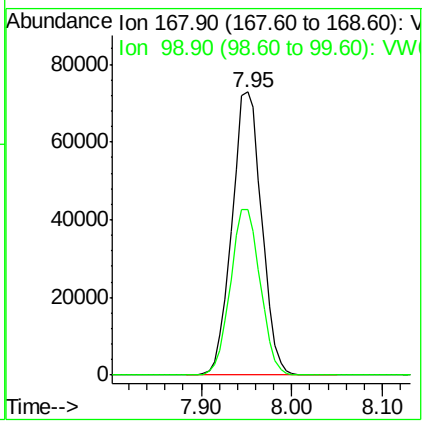


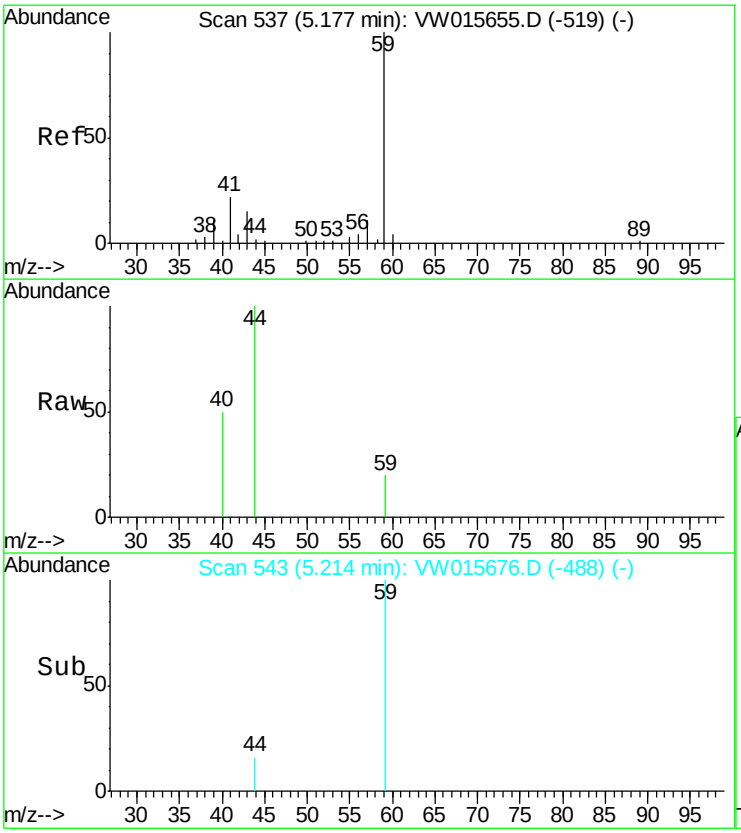
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion:168 Resp: 165418

Ion	Ratio	Lower	Upper
168	100		
99	58.6	48.6	73.0

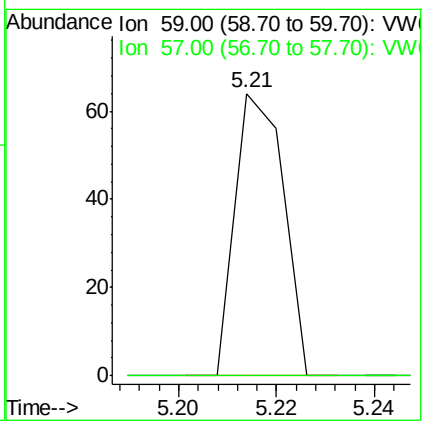


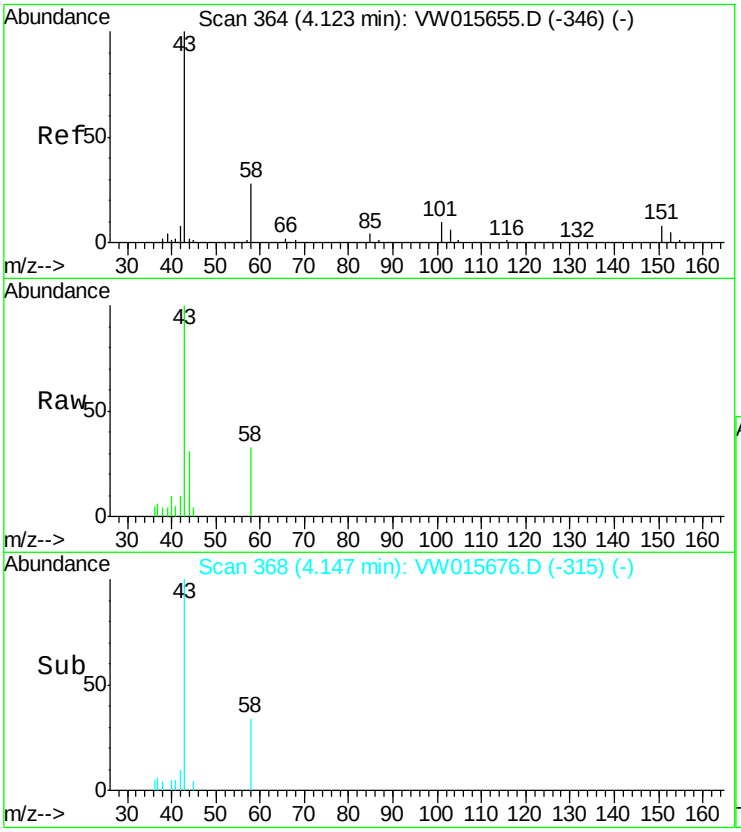


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 543
Delta R.T. 0.04 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 59 Resp: 44

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



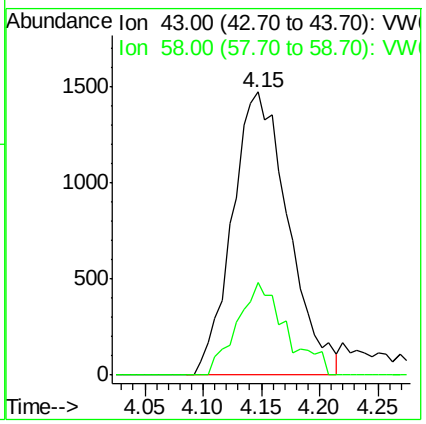


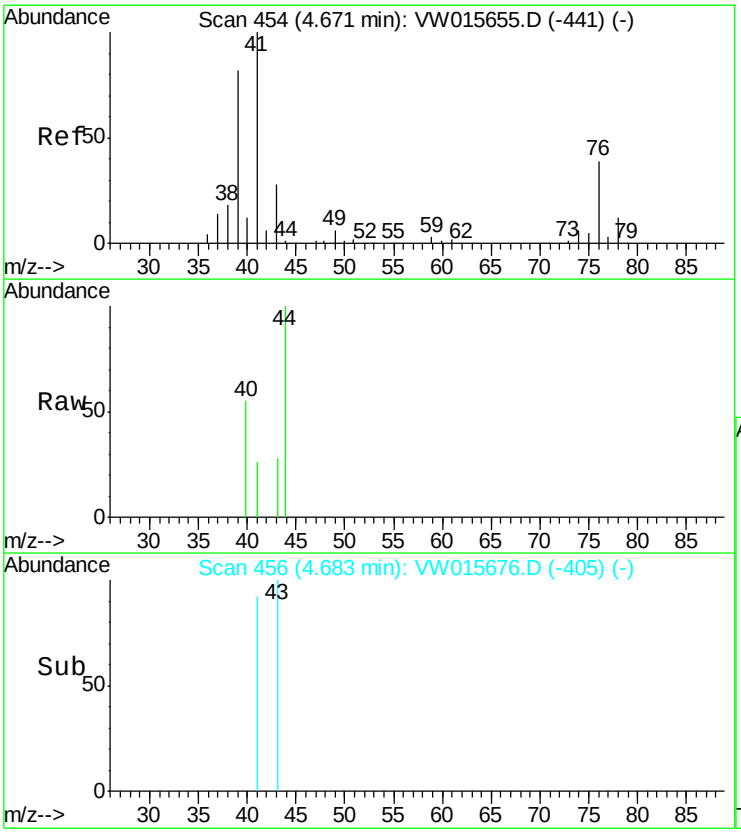
#16
Acetone
Concen: 14.122 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 43 Resp: 4941

Ion	Ratio	Lower	Upper
43	100		
58	32.8	22.6	33.8

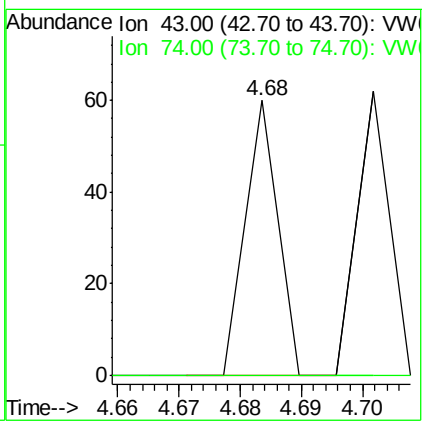


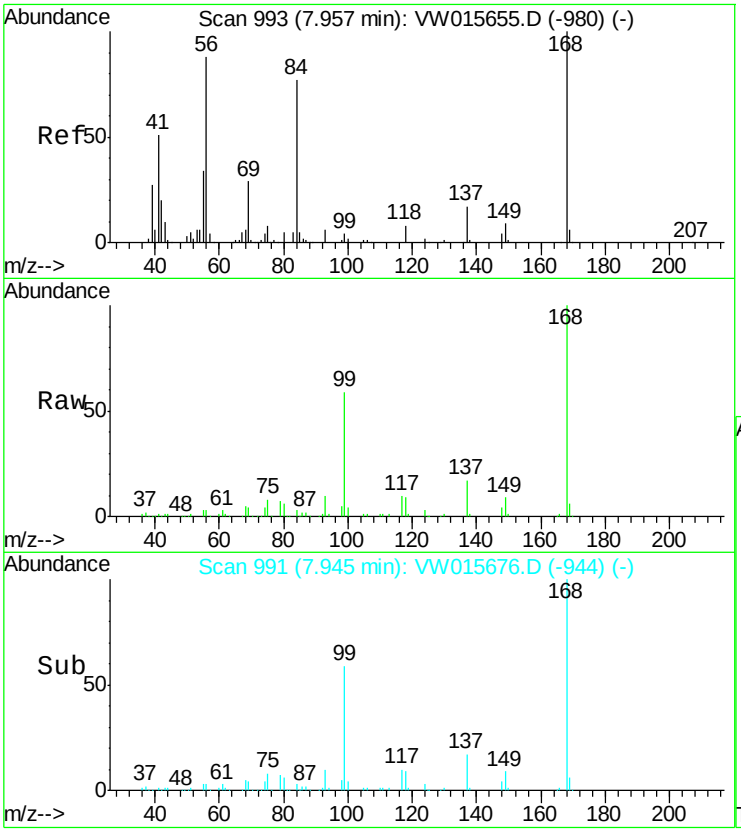


#18
Methyl Acetate
Concen: Below Cal
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 43 Resp: 22

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.6#



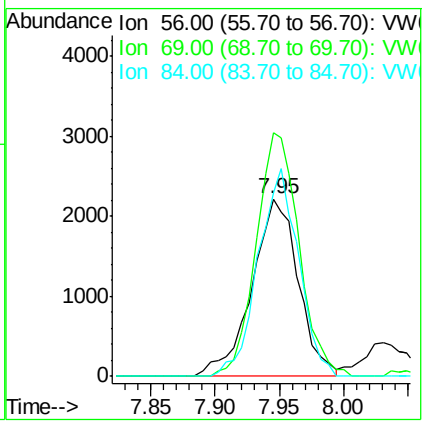


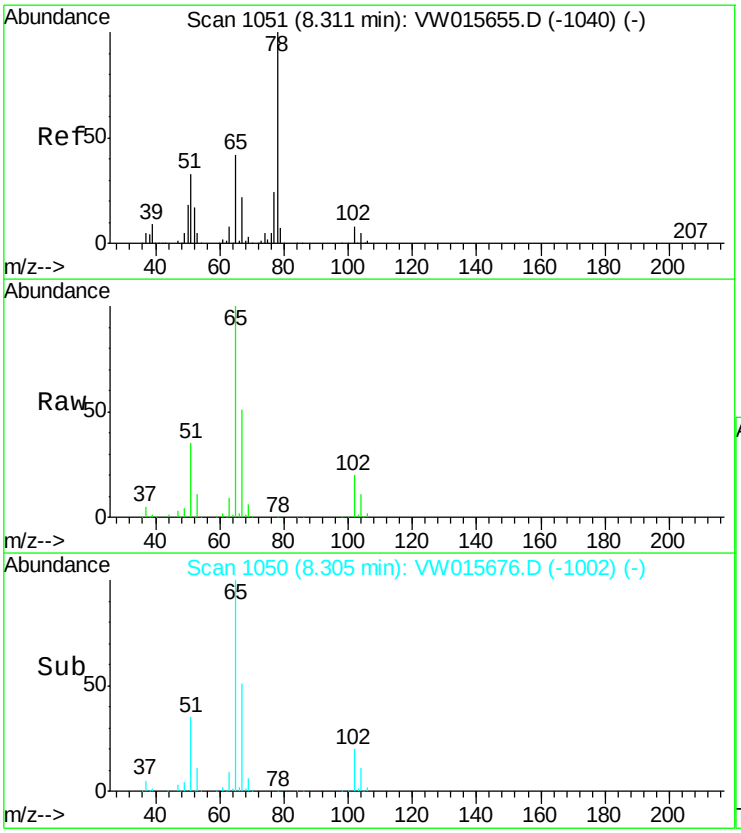
#31
Cyclohexane
Concen: 1.752 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 56 Resp: 5553

Ion	Ratio	Lower	Upper
56	100		
69	137.2	26.2	39.4#
84	103.0	70.4	105.6

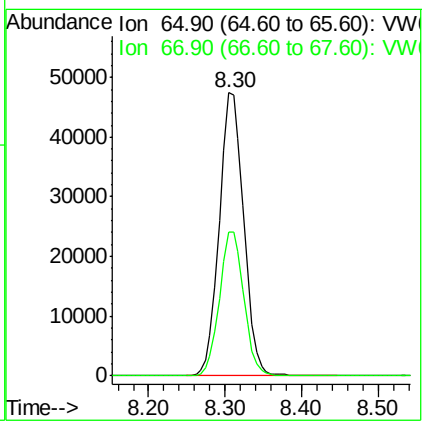


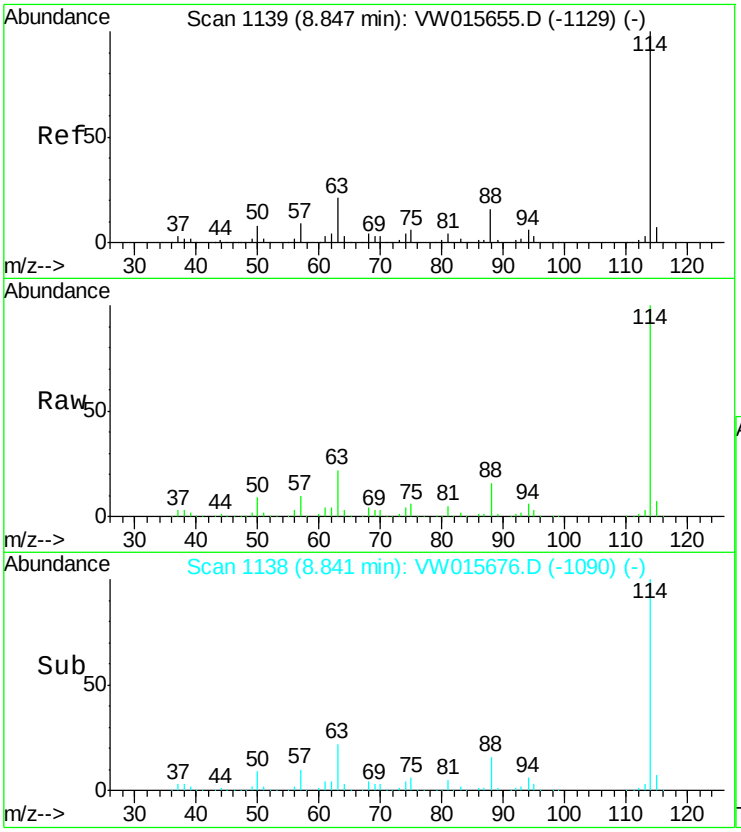


#33
1,2-Dichloroethane-d4
Concen: 56.947 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 65 Resp: 104811

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.2



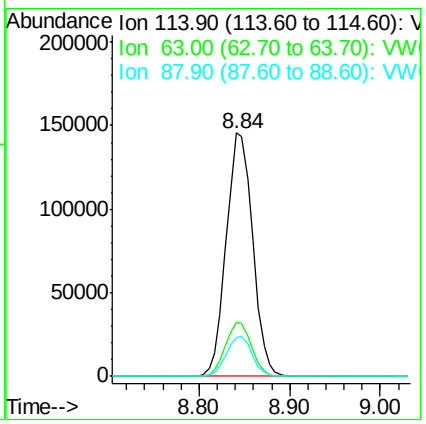


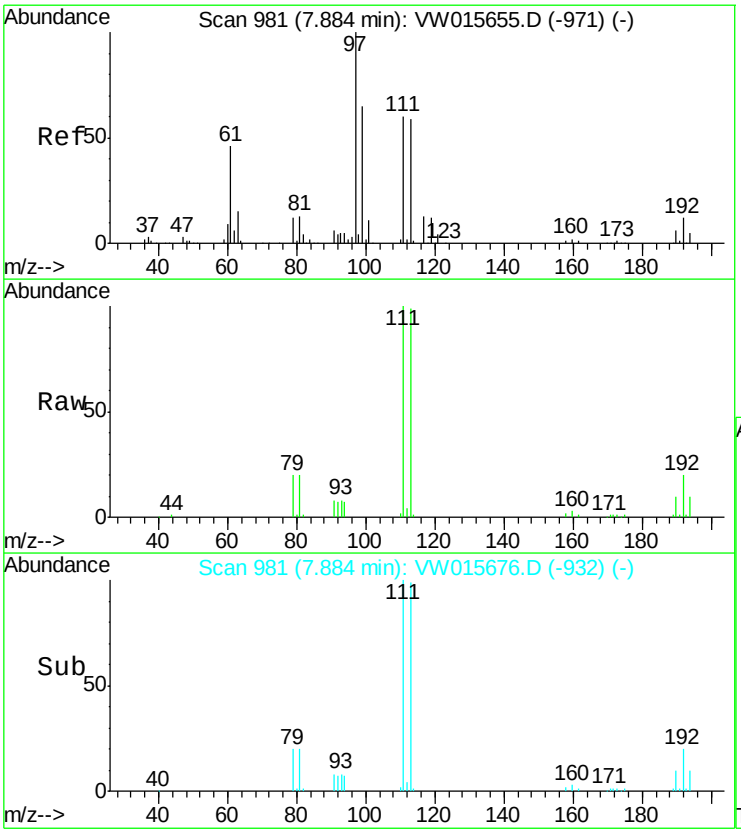
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion:114 Resp: 295429

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	42.4
88	16.0	0.0	32.6

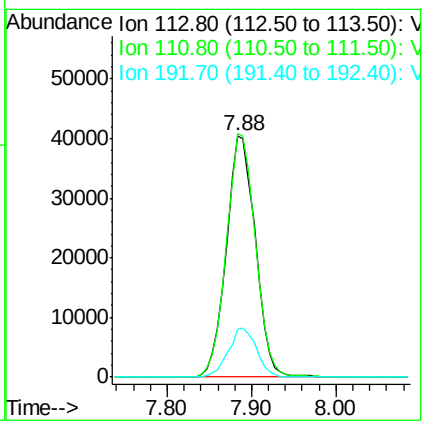


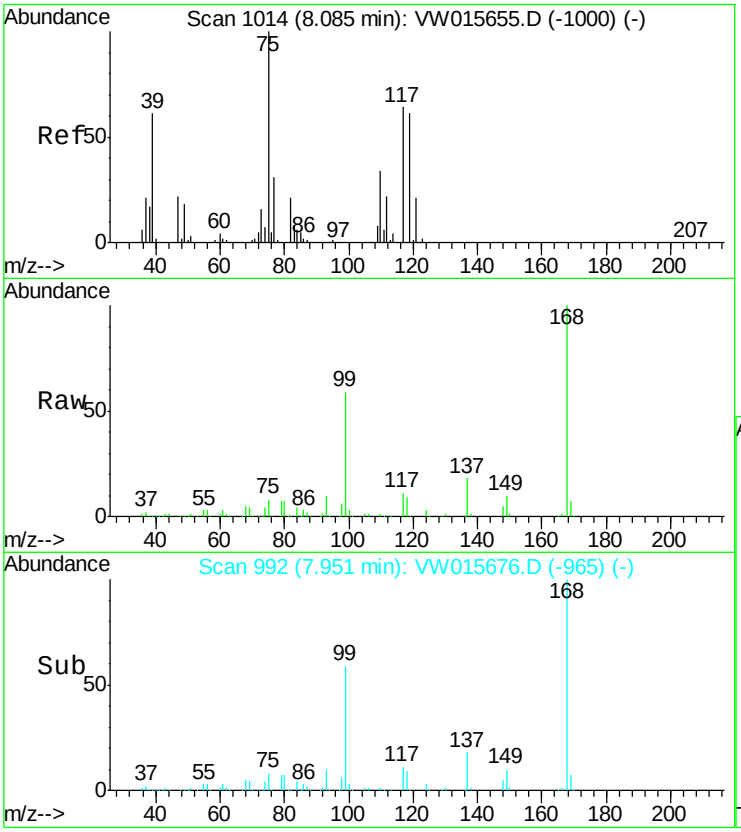


#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion:113 Resp: 94531

Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.3	123.5
192	19.8	16.4	24.6



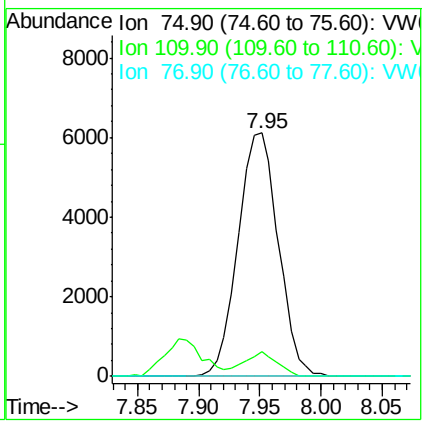


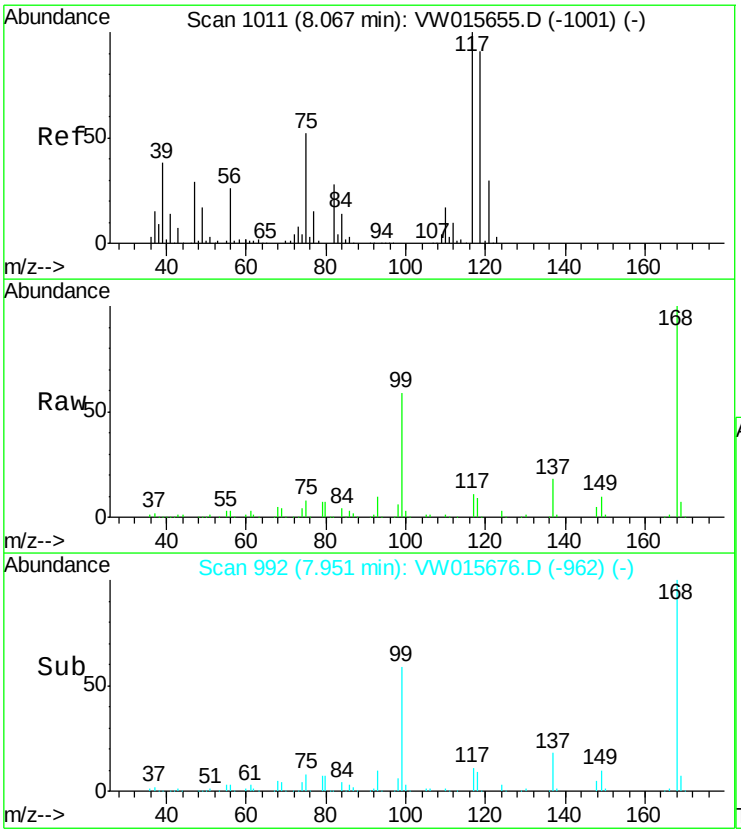
#36
1,1-Dichloropropene
Concen: 4.553 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 75 Resp: 13989

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	51.0#
77	0.0	24.6	36.8#

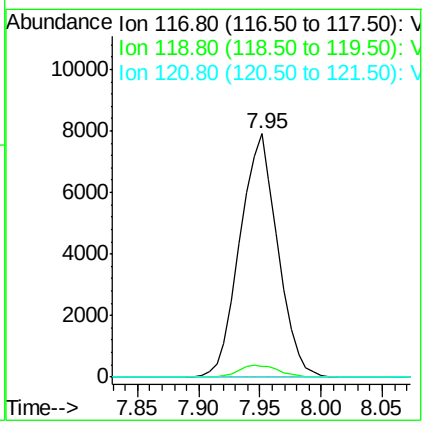


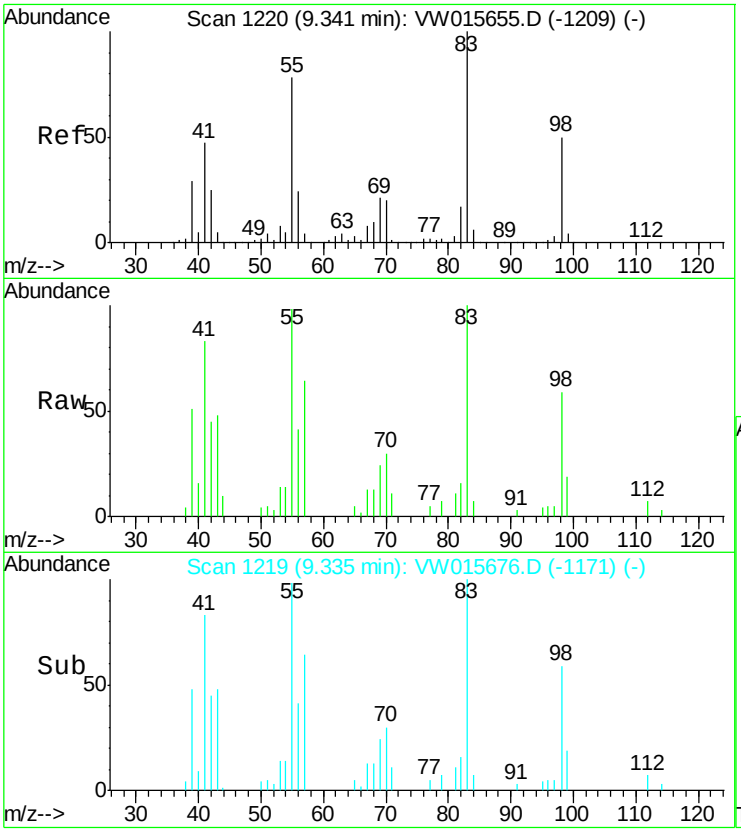


#38
Carbon Tetrachloride
Concen: 5.703 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion:117 Resp: 16986

Ion	Ratio	Lower	Upper
117	100		
119	4.5	73.2	109.8#
121	0.0	23.9	35.9#



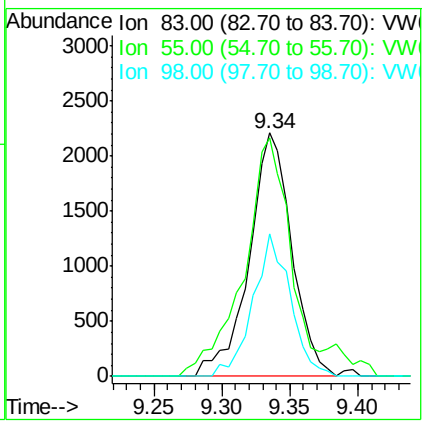


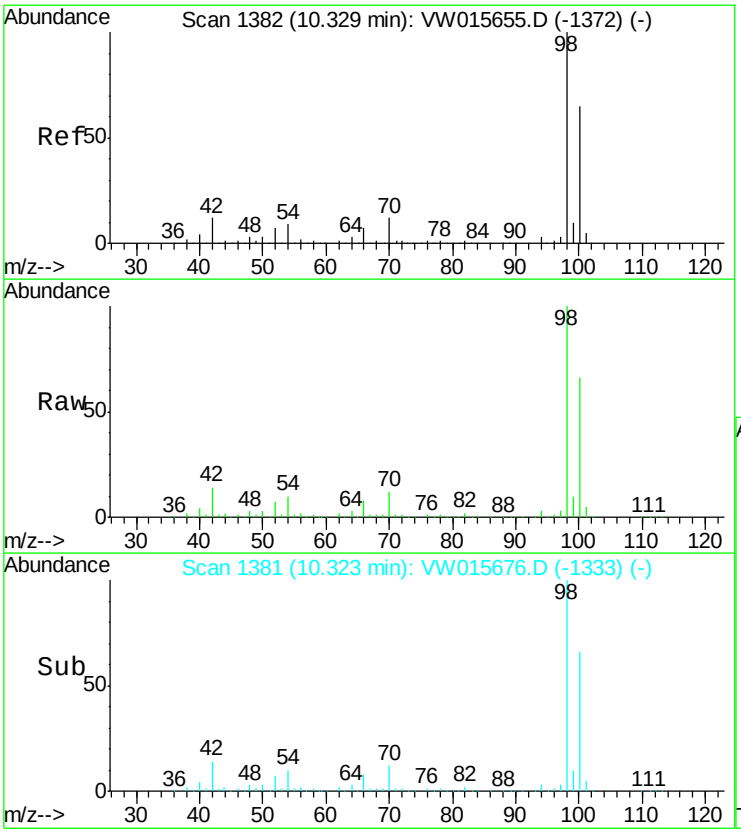
#39
Methylcyclohexane
Concen: 1.304 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 83 Resp: 4855

Ion	Ratio	Lower	Upper
83	100		
55	94.8	62.8	94.2#
98	58.8	39.9	59.9

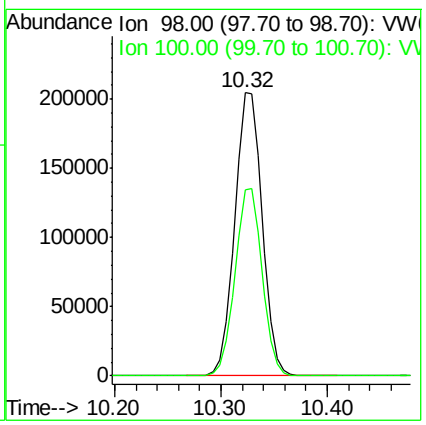


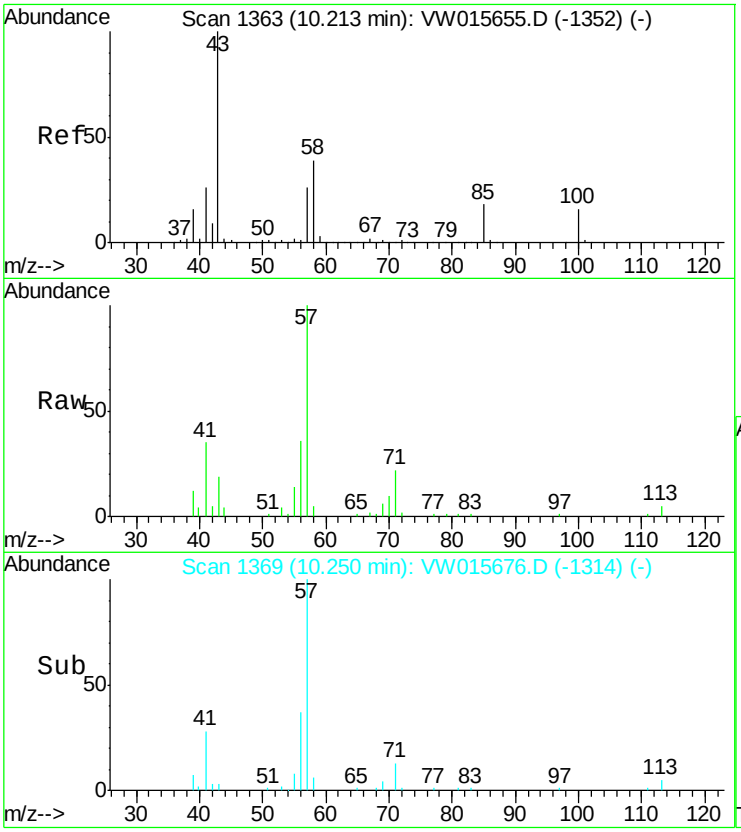


#50
Toluene-d8
Concen: 50.711 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 98 Resp: 370866

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2



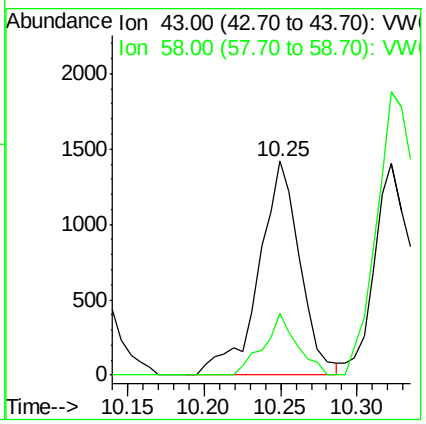


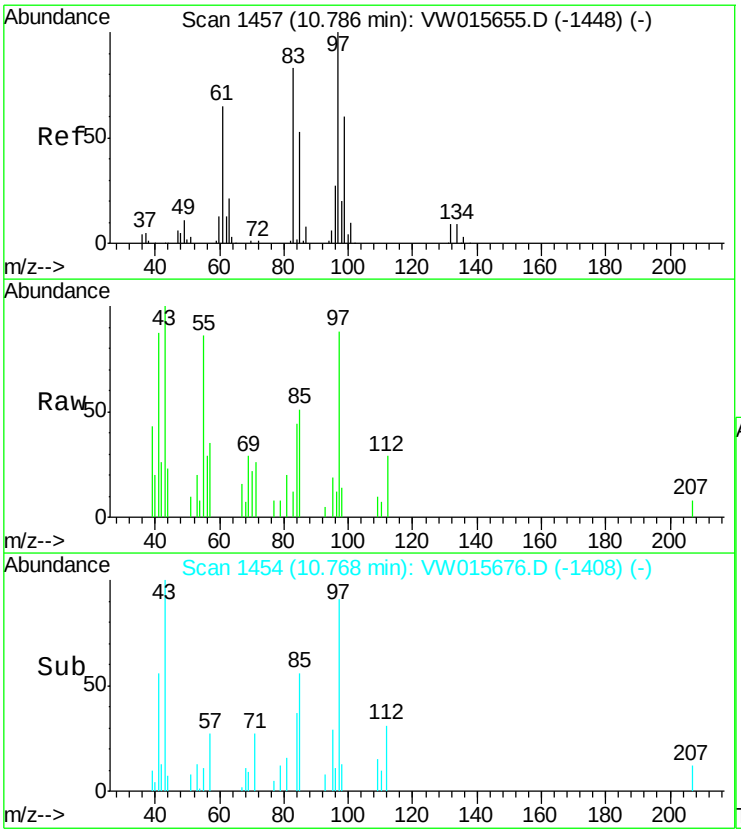
#51
4-Methyl-2-Pentanone
Concen: 2.356 ug/l
RT: 10.25 min Scan# 1369
Delta R.T. 0.04 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 43 Resp: 2660

Ion	Ratio	Lower	Upper
43	100		
58	23.3	31.2	46.8#

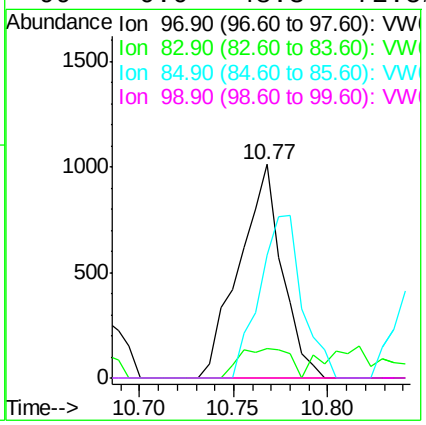


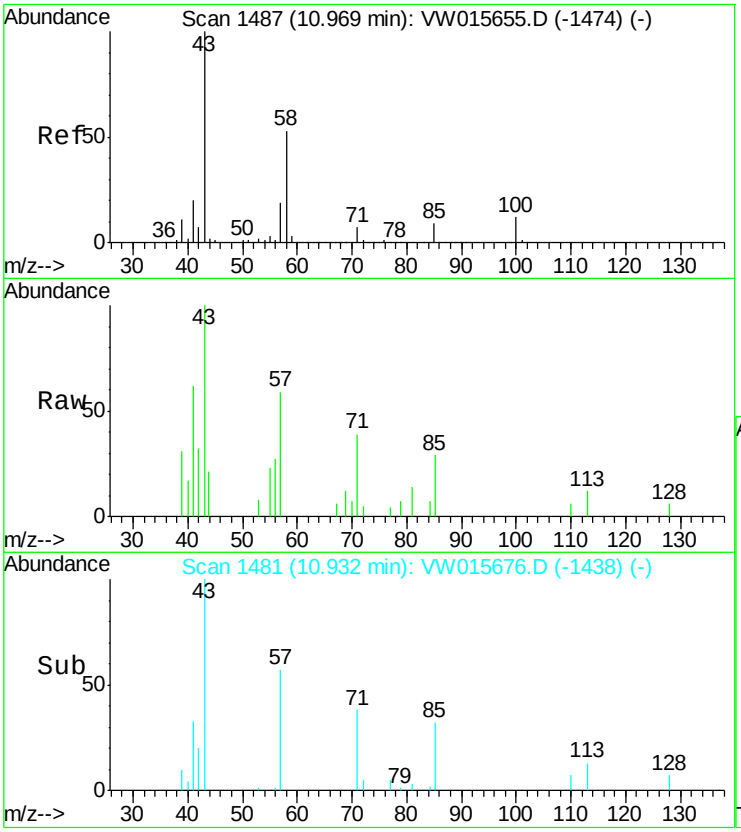


#55
1,1,2-Trichloroethane
Concen: 1.084 ug/l
RT: 10.77 min Scan# 1454
Delta R.T. -0.02 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 97 Resp: 1593

Ion	Ratio	Lower	Upper
97	100		
83	13.8	66.3	99.5#
85	57.8	42.5	63.7
99	0.0	48.3	72.5#



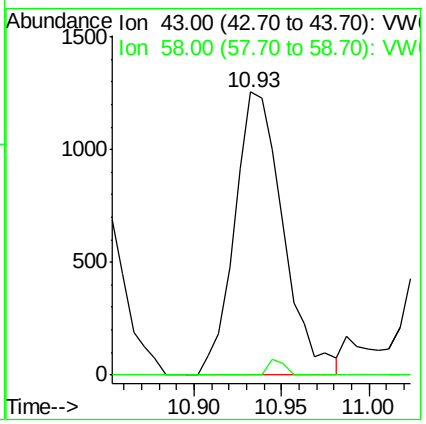


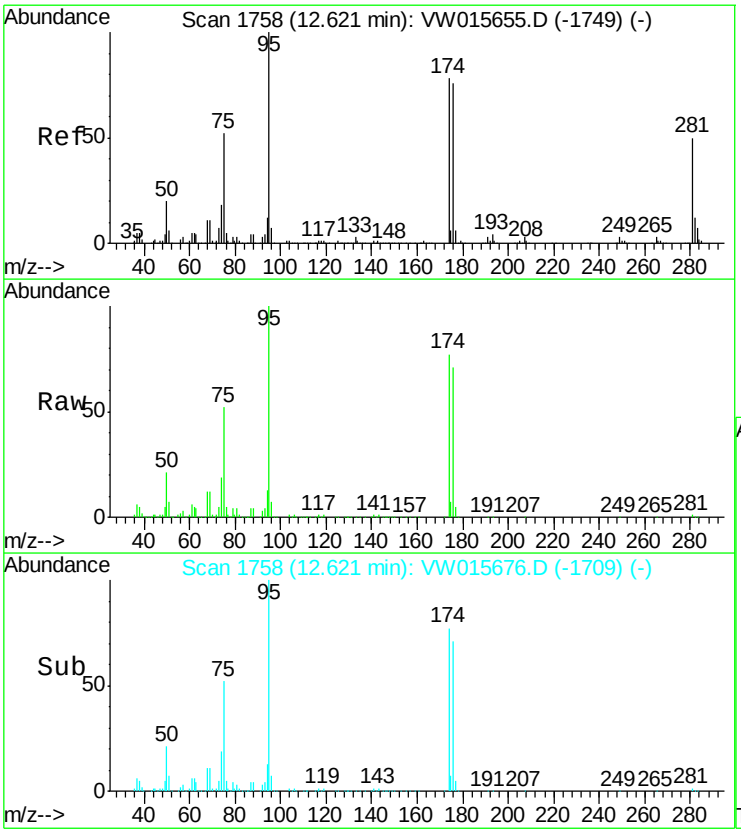
#59
2-Hexanone
Concen: 3.160 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument : MSVOA_W
ClientSampleId : MW-27(13-15)

Tgt Ion: 43 Resp: 2429

Ion	Ratio	Lower	Upper
43	100		
58	1.9	26.5	79.4#

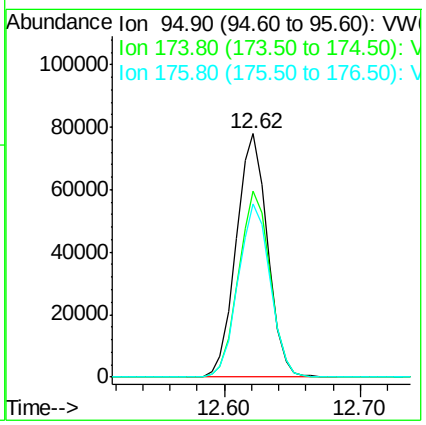


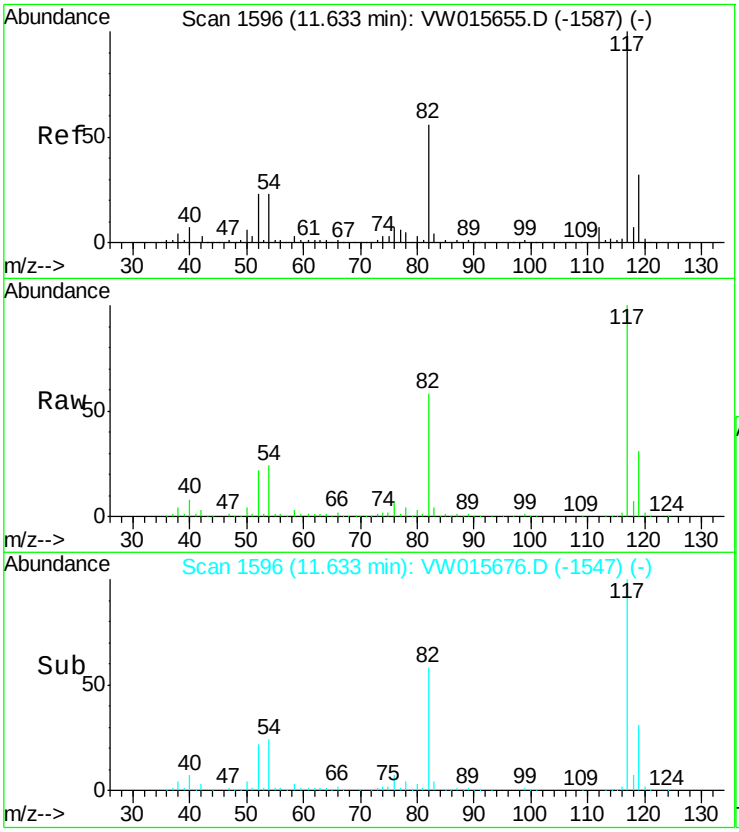


#62
4-Bromofluorobenzene
Concen: 46.193 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 95 Resp: 124412

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	157.0
176	73.3	0.0	151.4



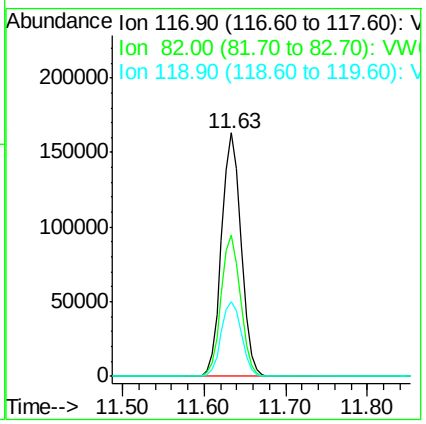


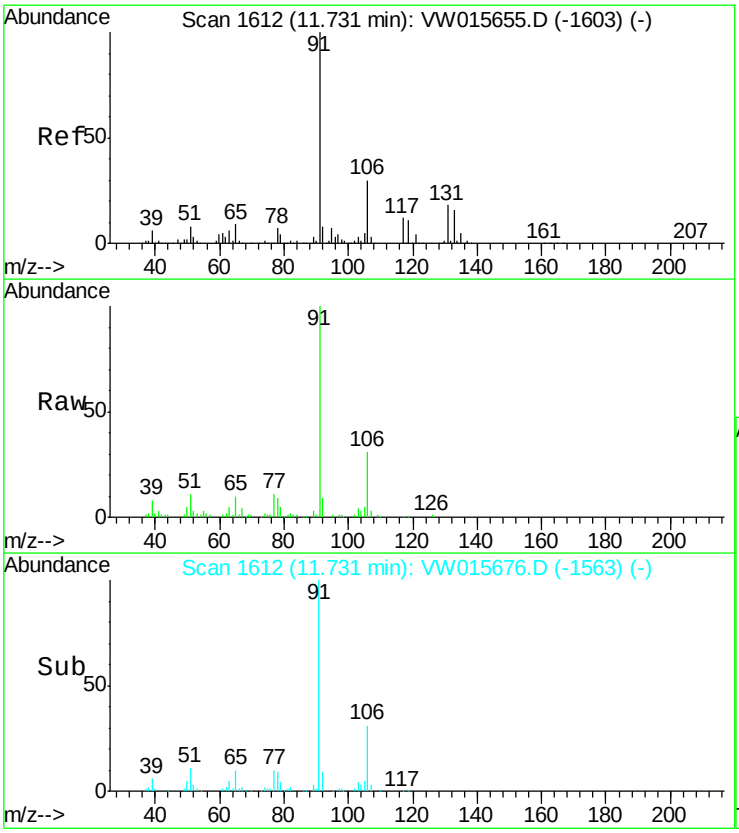
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument : MSVOA_W
ClientSampleId : MW-27(13-15)

Tgt Ion:117 Resp: 270967

Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.1	67.7
119	30.9	25.8	38.8

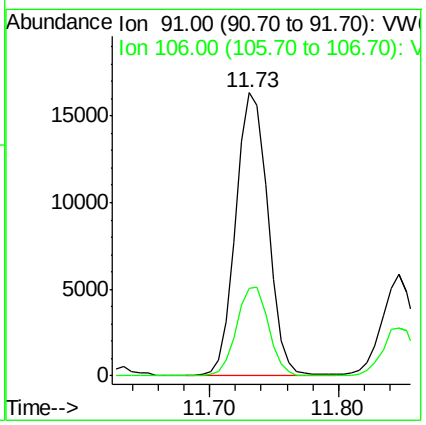


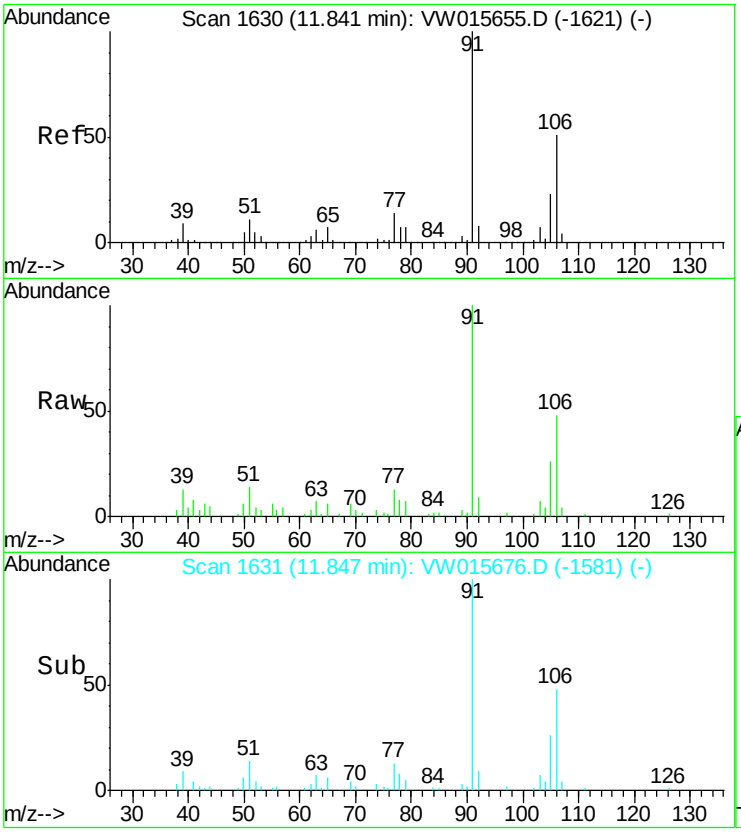


#67
Ethyl Benzene
Concen: 2.676 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 91 Resp: 28449

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.1	36.1



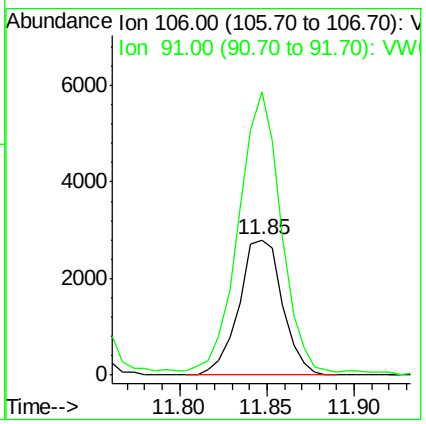


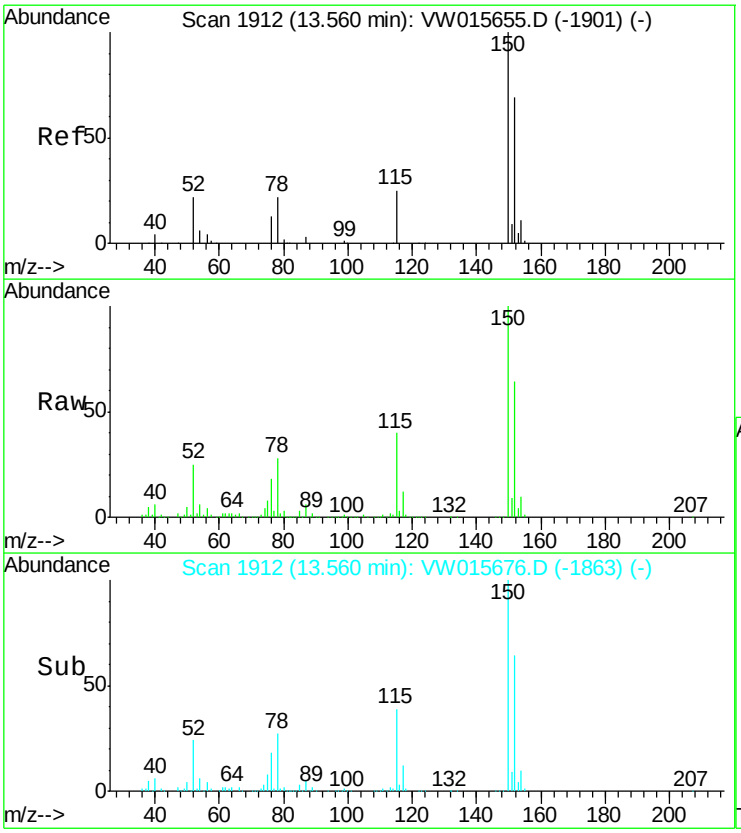
#68
m/p-Xylenes
Concen: 1.210 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument : MSVOA_W
ClientSampleId : MW-27(13-15)

Tgt Ion:106 Resp: 4832

Ion	Ratio	Lower	Upper
106	100		
91	201.6	162.6	244.0

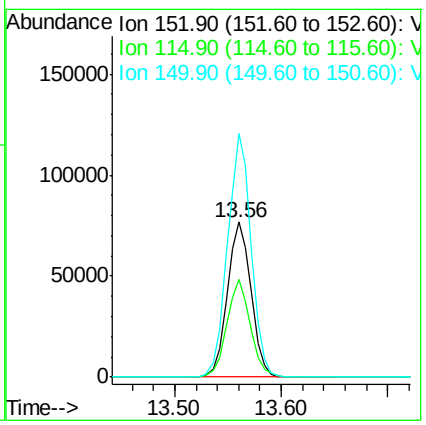


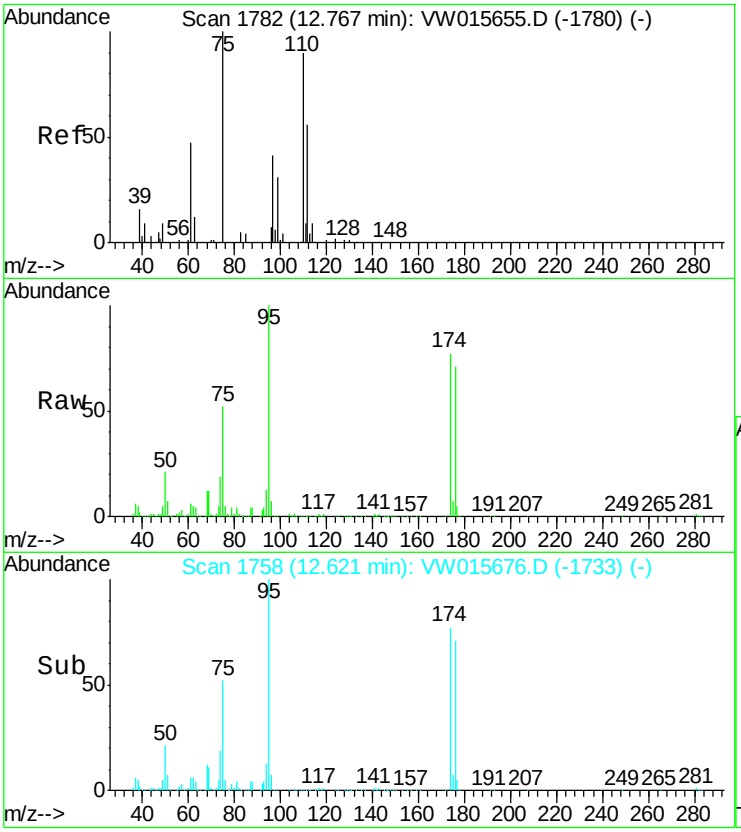


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion:152 Resp: 119801

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.1	90.5
150	155.7	0.0	345.6



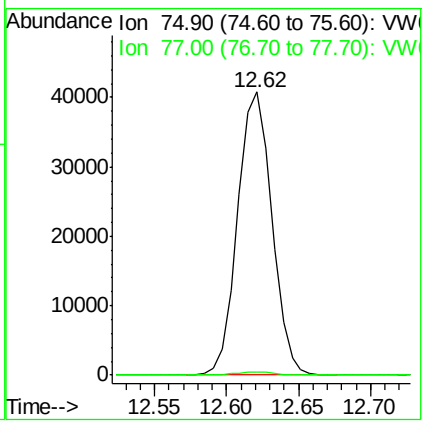


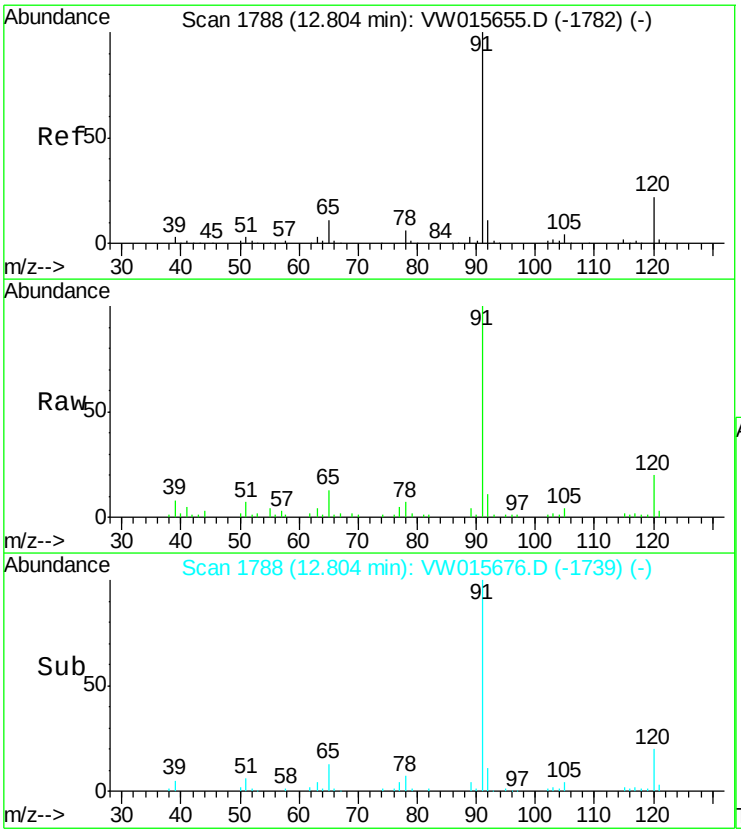
#76
1,2,3-Trichloropropane
Concen: 61.589 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion: 75 Resp: 67302

Ion	Ratio	Lower	Upper
75	100		
77	1.7	179.1	537.1#

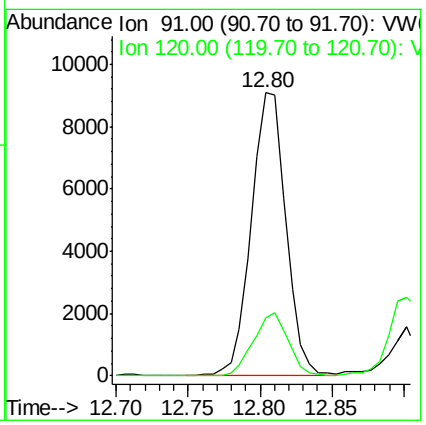


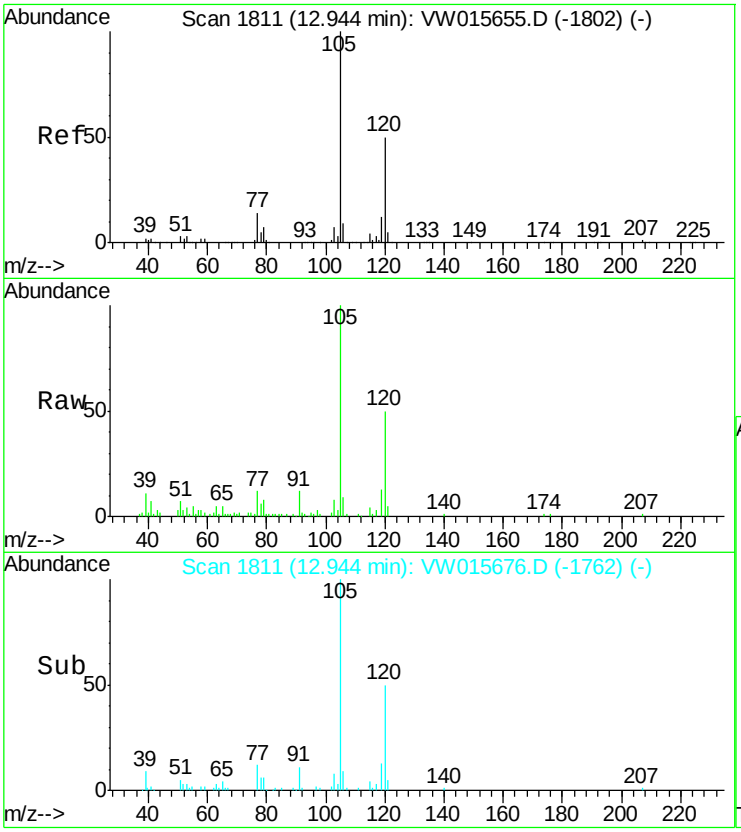


#78
n-propylbenzene
Concen: 1.372 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 91 Resp: 15088

Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.2	33.5



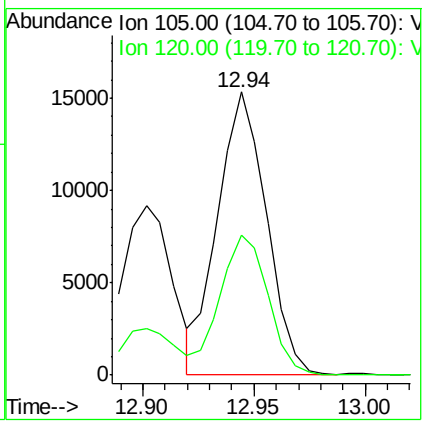


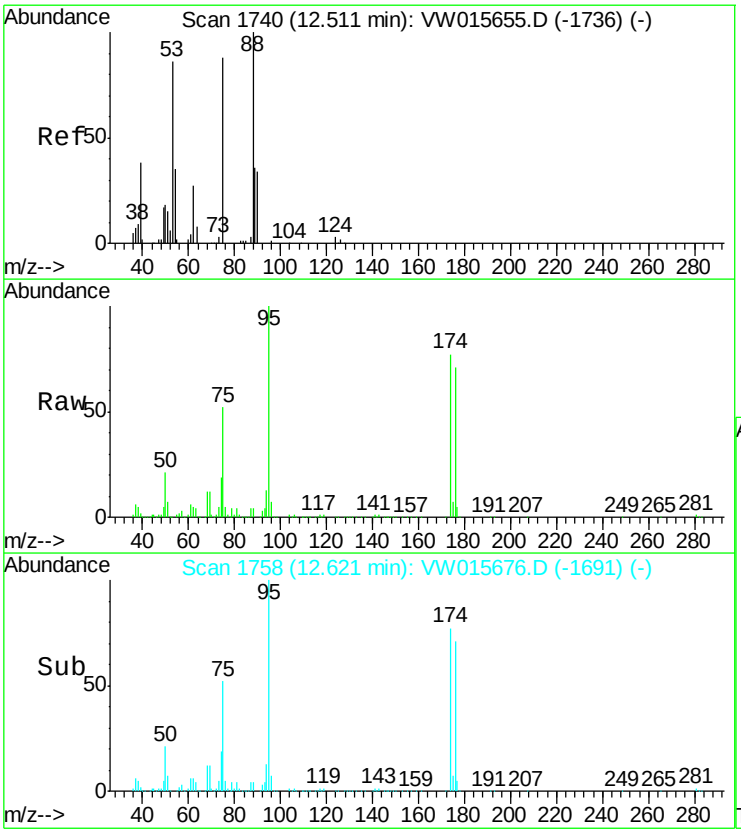
#80
1,3,5-Trimethylbenzene
Concen: 3.014 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion:105 Resp: 23337

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.4	73.2

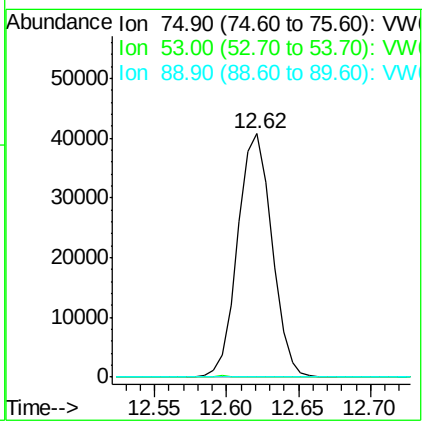


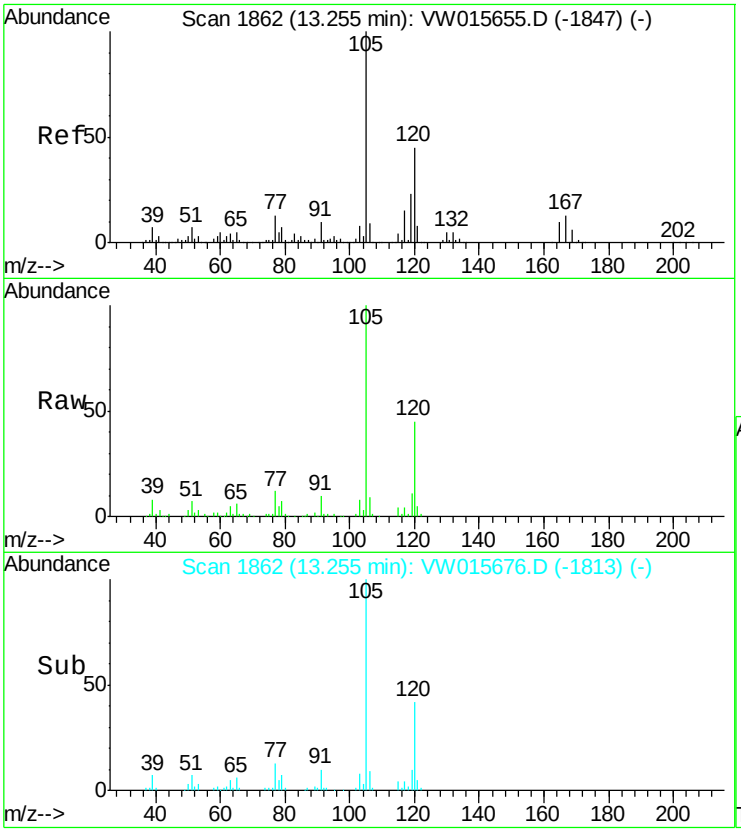


#81
trans-1,4-Dichloro-2-butene
Concen: 155.205 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion: 75 Resp: 67302

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.8	125.8#
89	0.0	36.6	55.0#



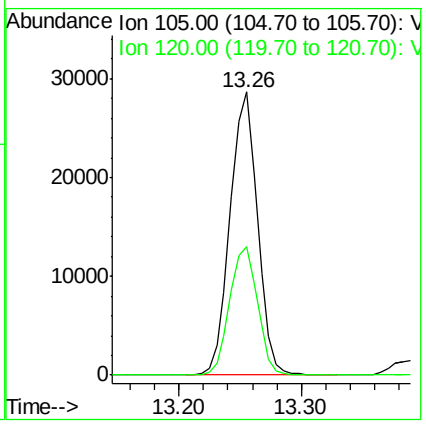


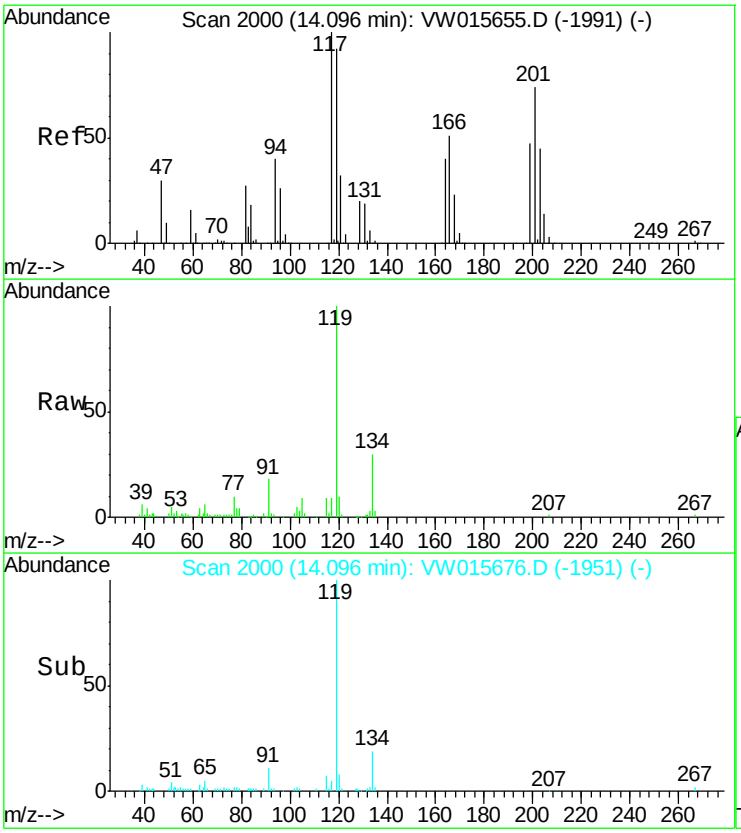
#84
1,2,4-Trimethylbenzene
Concen: 5.746 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion:105 Resp: 44370

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3

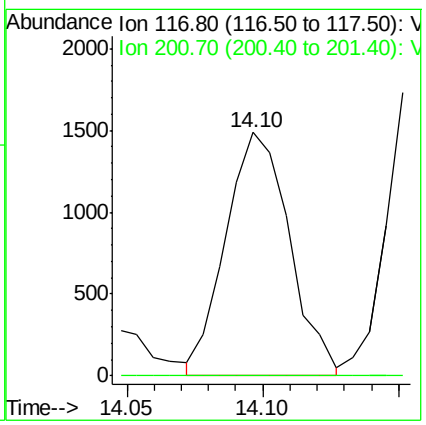


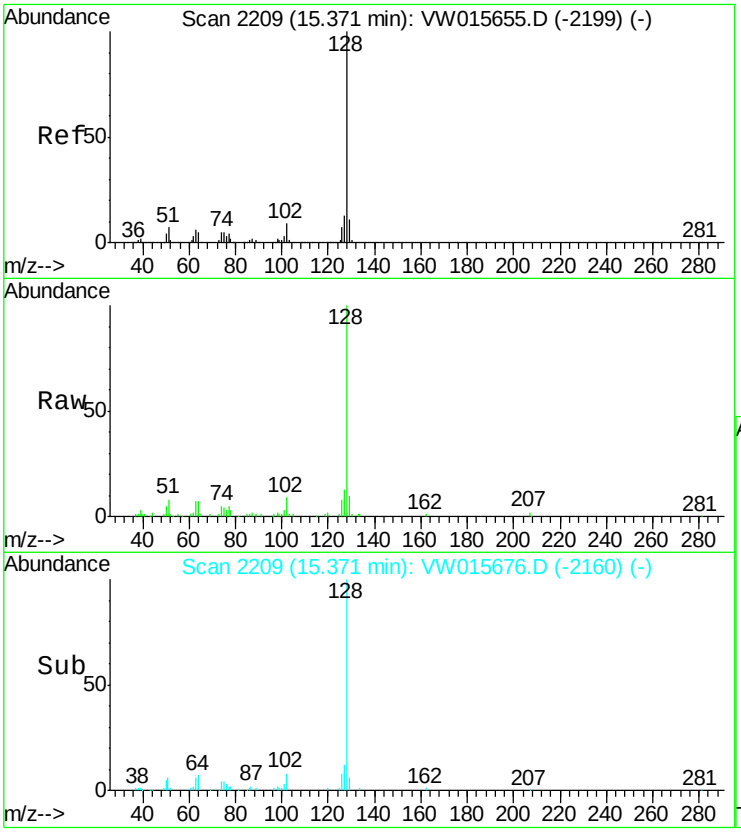


#90
Hexachloroethane
Concen: 1.599 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Tgt Ion:117 Resp: 2417

Ion	Ratio	Lower	Upper
117	100		
201	0.0	37.1	111.5#





#95
Naphthalene
Concen: 7.643 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW015676.D
Acq: 24 Jun 2020 12:16

Instrument :
MSVOA_W
ClientSampleId :
MW-27(13-15)

Tgt Ion:128 Resp: 29197

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.8	13.2