Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121618\
Data File : VW007520.D
Acq On : 14 Dec 2018 07:10
Operator : SY/AP
Sample : J6347-03
Misc : 3.98G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0612-01

Quant Time: Dec 14 08:10:56 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	19776	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	36832	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	24744	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7586	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	13353	60.86	ug/l		0.00
Spiked Amount 50.000			Recovery = 121.72%				
35) Dibromofluoromethane	7.88	113	12164	54.56	ug/l		0.00
Spiked Amount 50.000			Recovery = 109.12%				
50) Toluene-d8	10.32	98	27463	32.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 65.70%				
62) 4-Bromofluorobenzene	12.62	95	7944	25.85	ug/l		0.00
Spiked Amount 50.000			Recovery = 51.70%				
Target Compounds							Qvalue
16) Acetone	4.13	43	4715	123.035	ug/l		96
20) Methylene Chloride	4.92	84	1793	5.032	ug/l	#	86
25) 2-Butanone	7.18	43	1599	31.961	ug/l	#	76
31) Cyclohexane	7.96	56	15598	45.764	ug/l		97
39) Methylcyclohexane	9.33	83	8663	21.293	ug/l	#	91
40) Benzene	8.32	78	17385	18.645	ug/l		95
52) Toluene	10.39	92	3673	6.087	ug/l		96
65) Chlorobenzene	11.66	112	56855	110.239	ug/l		97
68) m/p-Xylenes	11.84	106	1433477	4158.466	ug/l		98
69) o-Xylene	12.17	106	345018	1071.687	ug/l		97
73) Isopropylbenzene	12.47	105	5568	9.579	ug/l		97
80) 1,3,5-Trimethylbenzene	12.95	105	13051	26.721	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	49371	98.232	ug/l		99
86) p-Isopropyltoluene	13.50	119	1265	2.397	ug/l		95
87) 1,3-Dichlorobenzene	13.51	146	3260	12.690	ug/l		97
88) 1,4-Dichlorobenzene	13.58	146	28336	109.719	ug/l		97
91) 1,2-Dichlorobenzene	13.88	146	1114	4.842	ug/l		95
95) Naphthalene	15.38	128	1599	5.279	ug/l	#	93

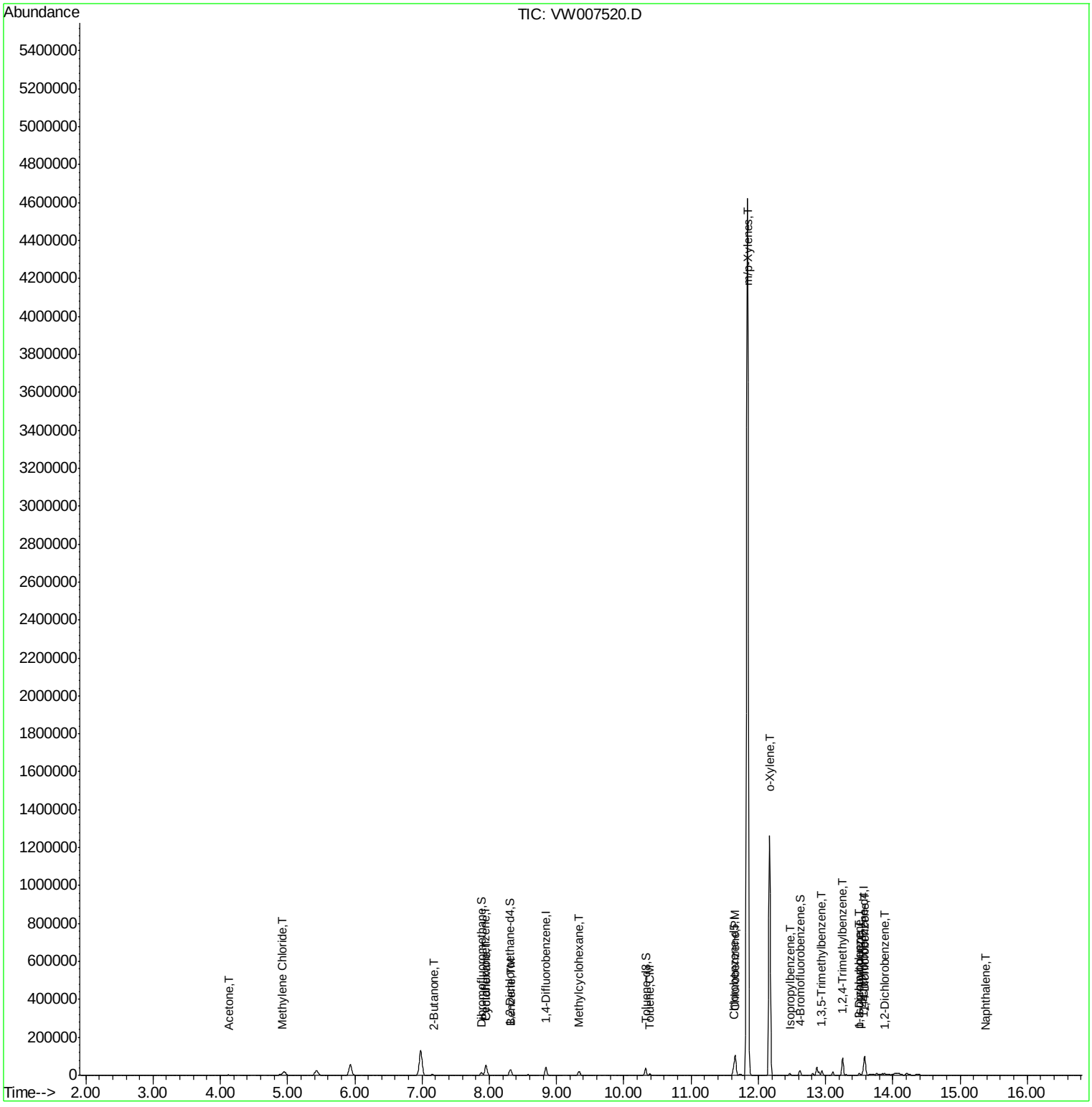
(#) = qualifier out of range (m) = manual integration (+) = signals summed

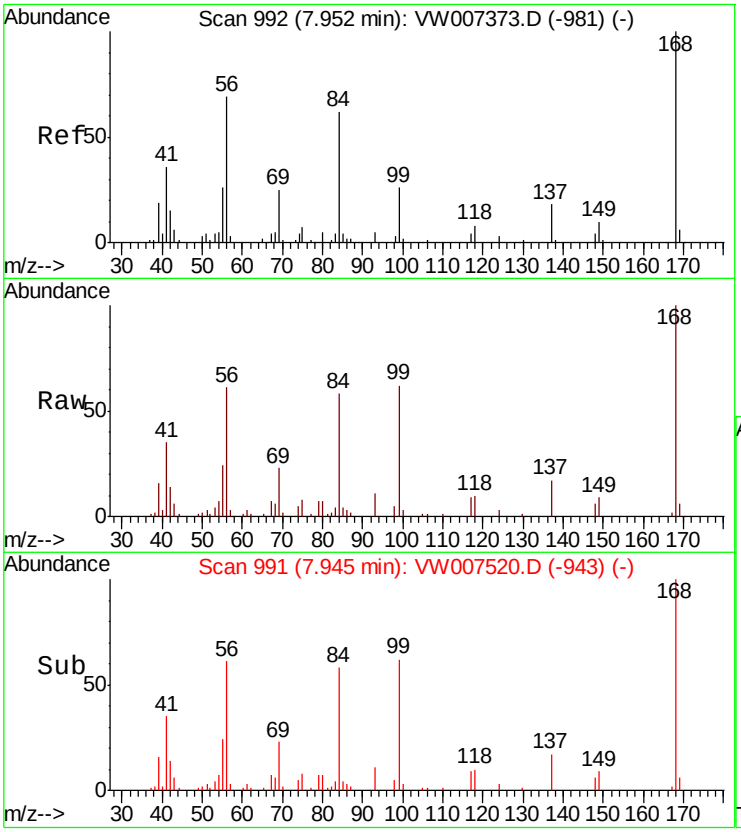
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121618\
Data File : VW007520.D
Acq On : 14 Dec 2018 07:10
Operator : SY/AP
Sample : J6347-03
Misc : 3.98G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Quant Time: Dec 14 08:10:56 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



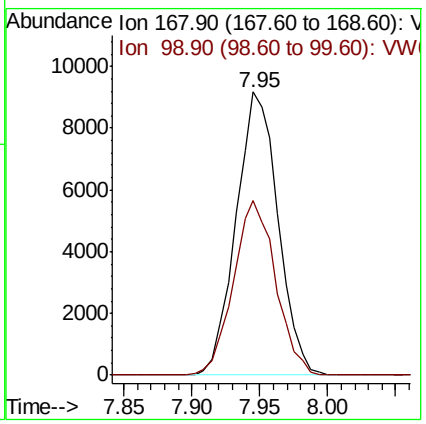


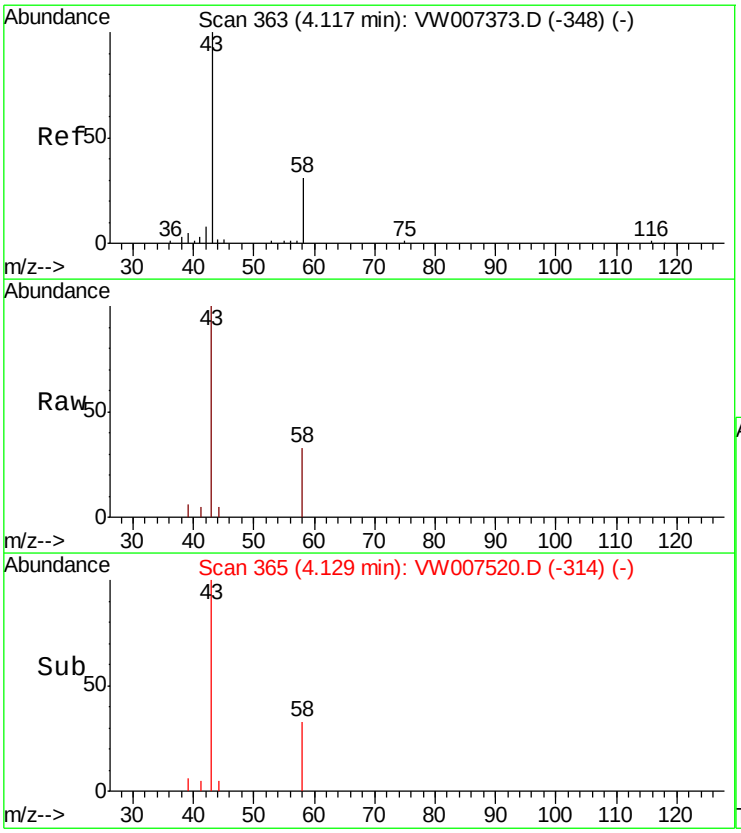
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:168 Resp: 19776

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.3	72.5

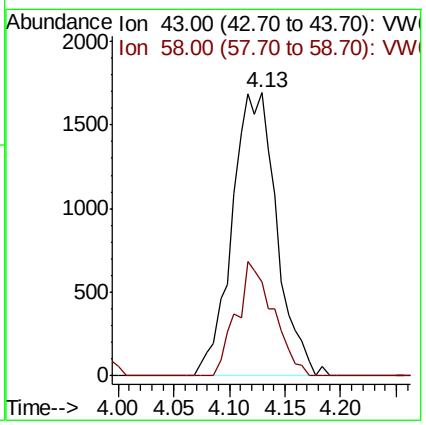


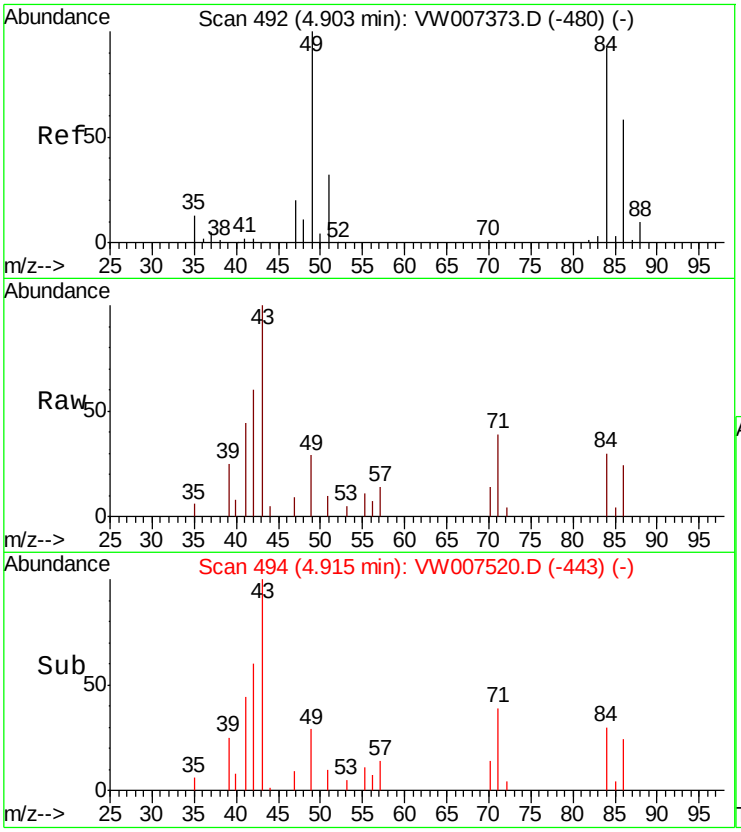


#16
Acetone
Concen: 123.035 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 43 Resp: 4715

Ion	Ratio	Lower	Upper
43	100		
58	33.4	24.9	37.3



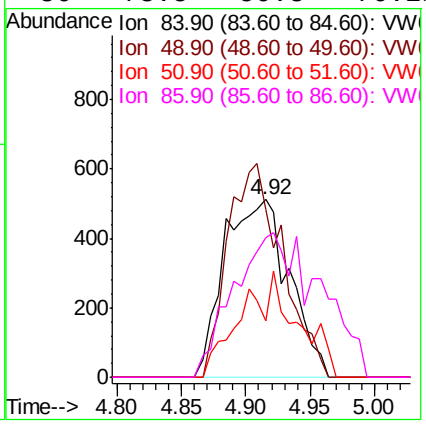


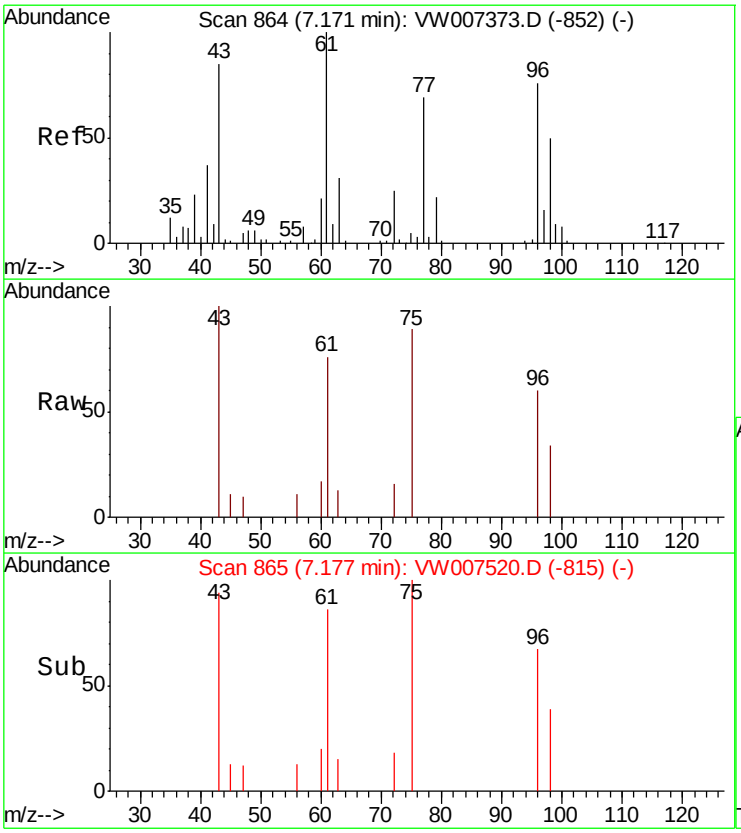
#20
Methylene Chloride
Concen: 5.032 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0612-01

Tgt Ion: 84 Resp: 1793

Ion	Ratio	Lower	Upper
84	100		
49	94.5	87.1	130.7
51	31.5	28.2	42.2
86	78.5	50.8	76.2#

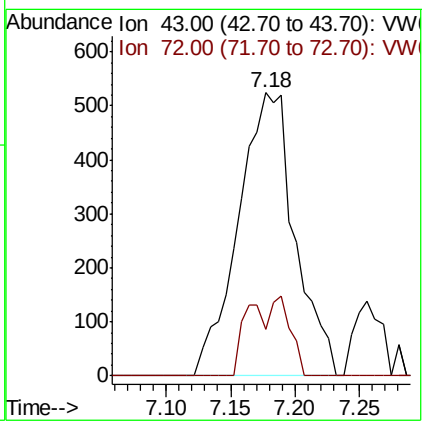


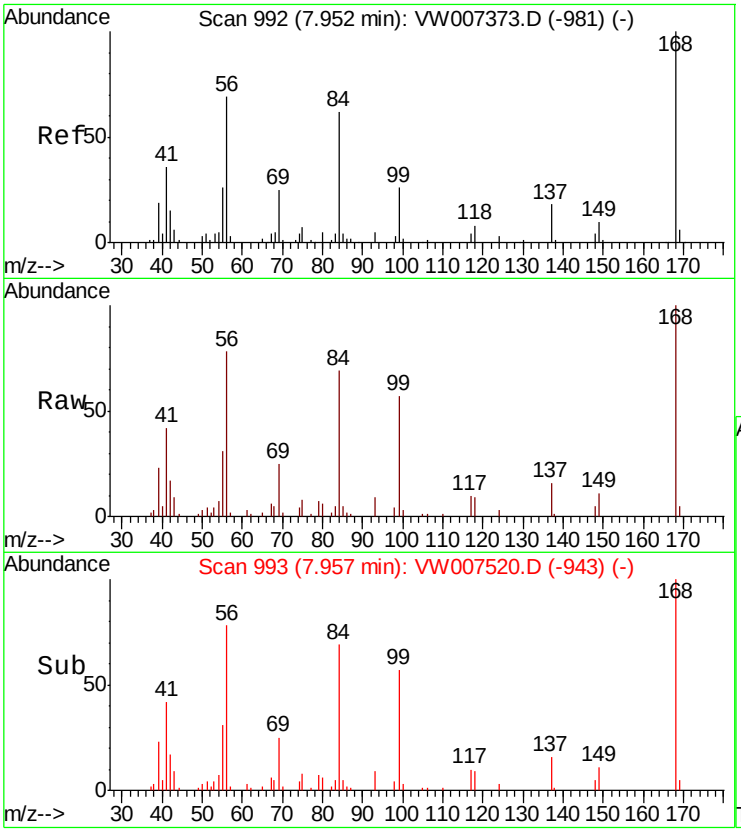


#25
2-Butanone
Concen: 31.961 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 43 Resp: 1599

Ion	Ratio	Lower	Upper
43	100		
72	16.2	23.4	35.2#

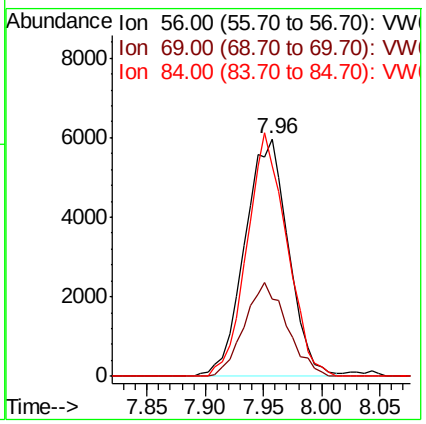




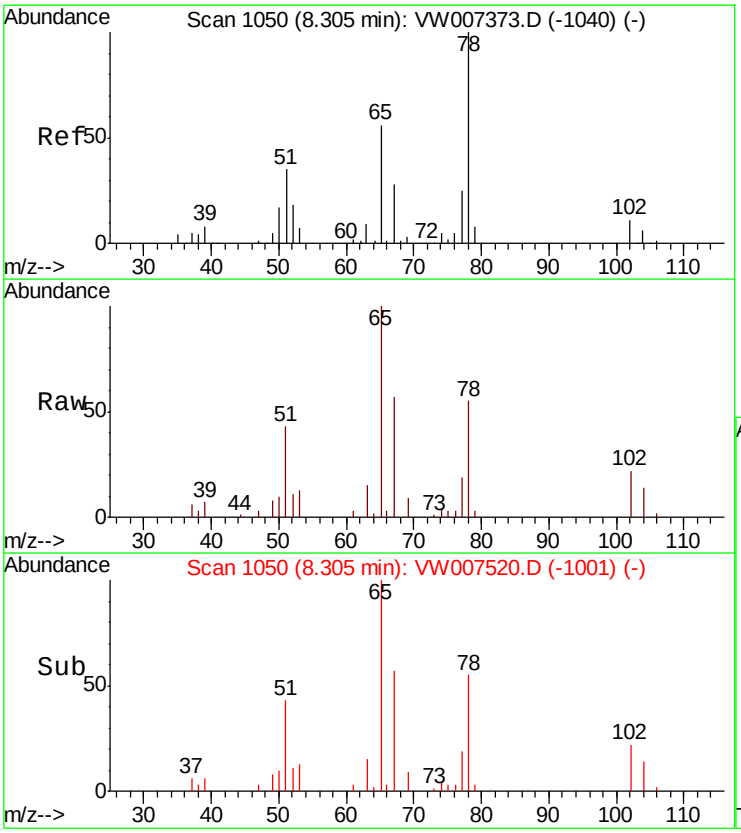
#31
Cyclohexane
Concen: 45.764 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 56 Resp: 15598

Ion	Ratio	Lower	Upper
56	100		
69	32.3	28.9	43.3
84	88.7	71.8	107.6



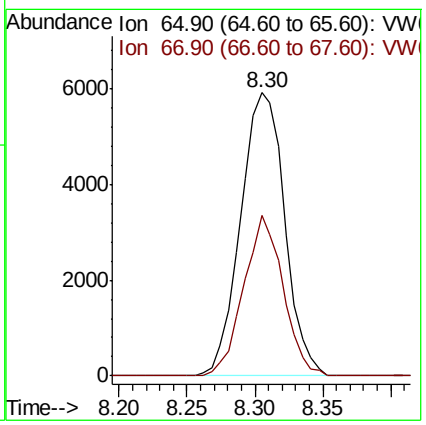
Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

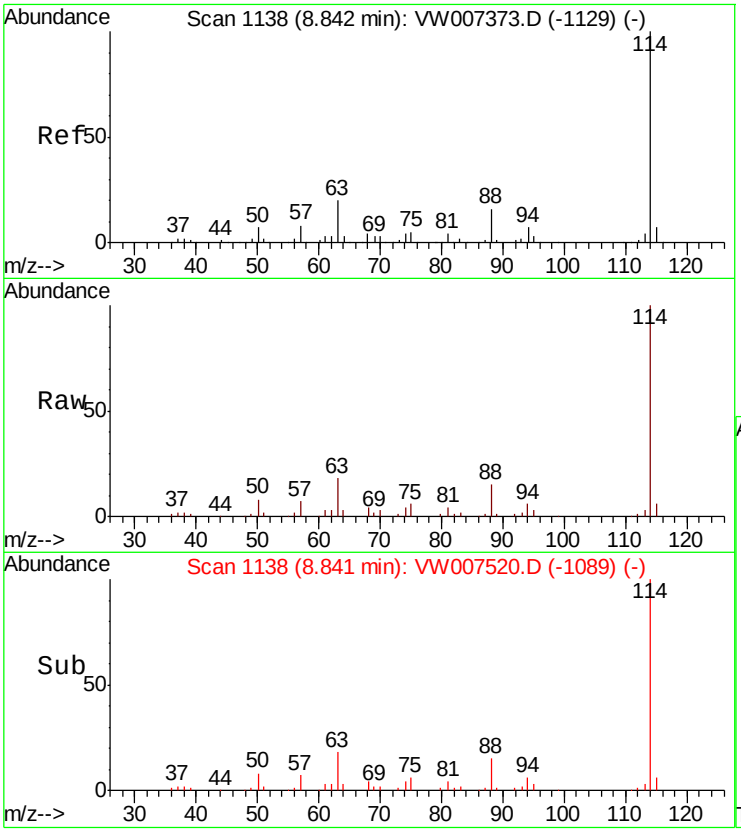


#33
1,2-Dichloroethane-d4
Concen: 60.862 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 65 Resp: 13353

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6



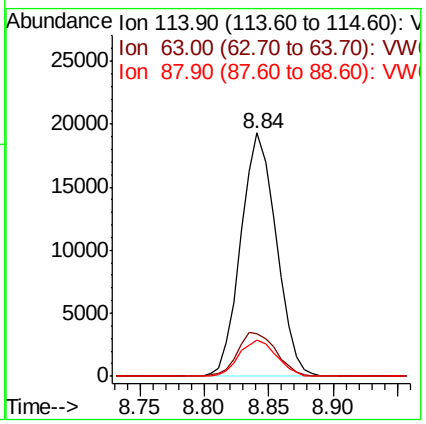


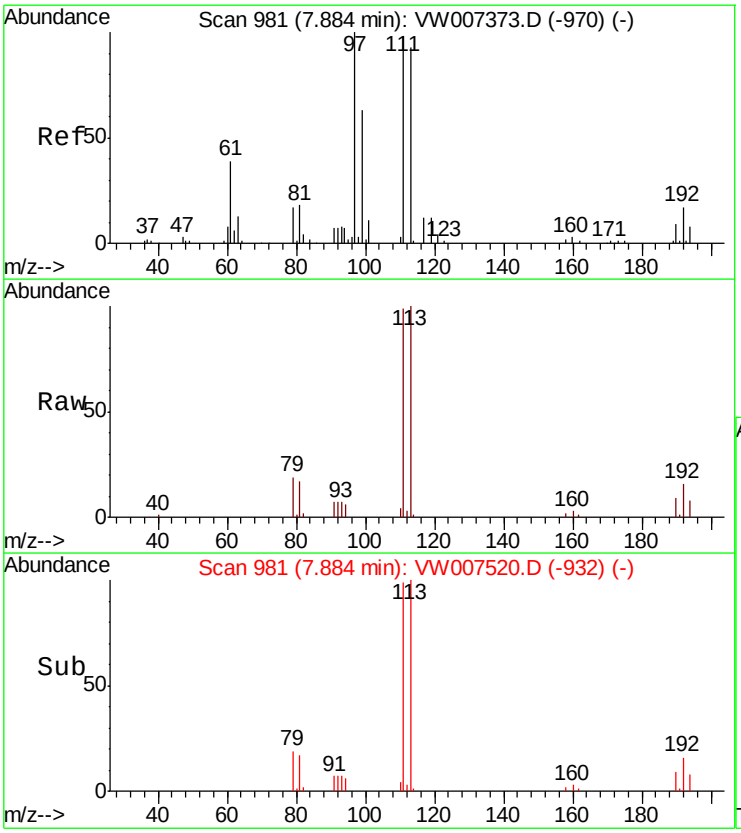
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:114 Resp: 36832

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.6
88	14.8	0.0	31.4

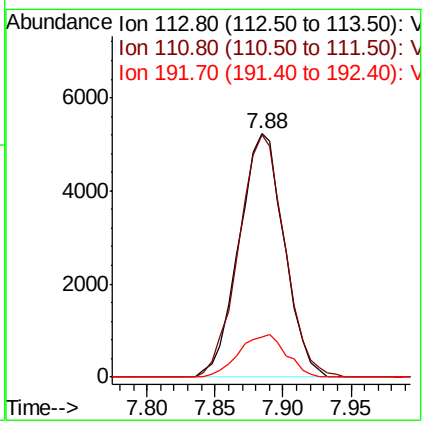


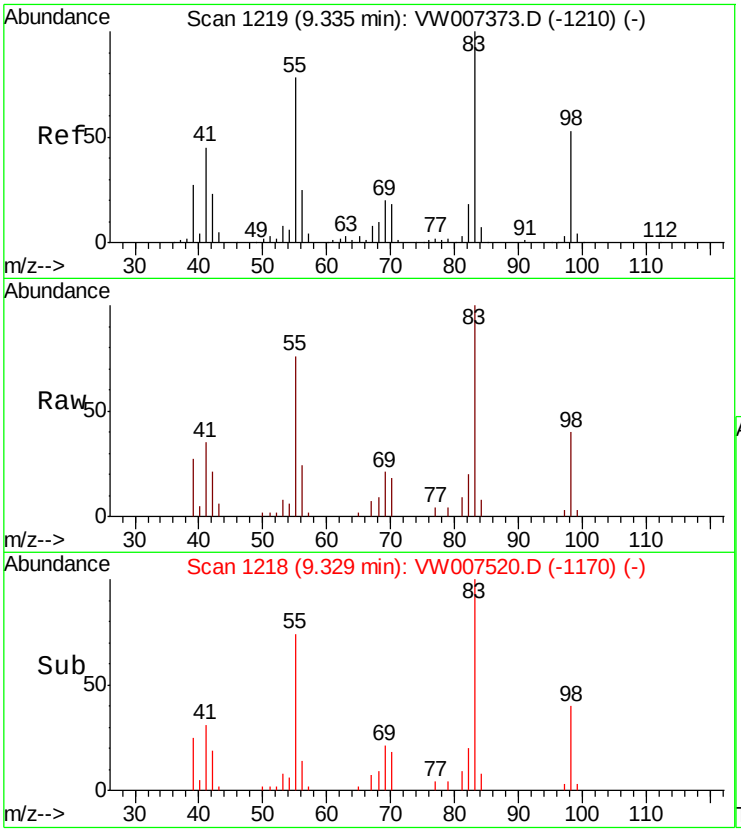


#35
Dibromofluoromethane
Concen: 54.557 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:113 Resp: 12164

Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.1	121.7
192	18.1	14.6	21.8



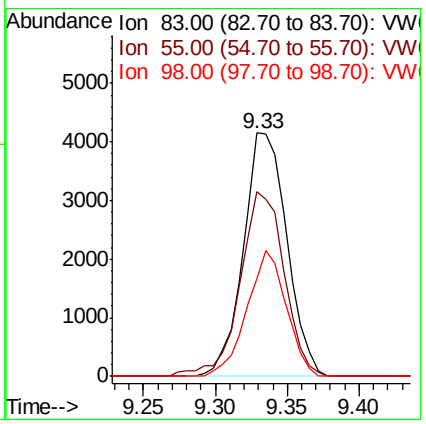


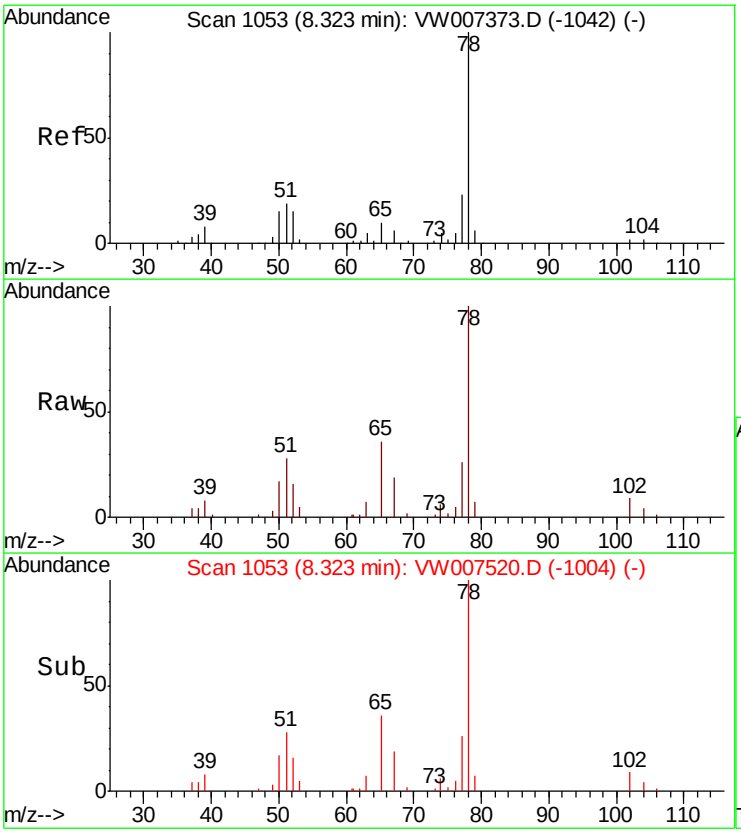
#39
Methylcyclohexane
Concen: 21.293 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion: 83 Resp: 8663

Ion	Ratio	Lower	Upper
83	100		
55	75.9	62.8	94.2
98	40.2	42.2	63.2#

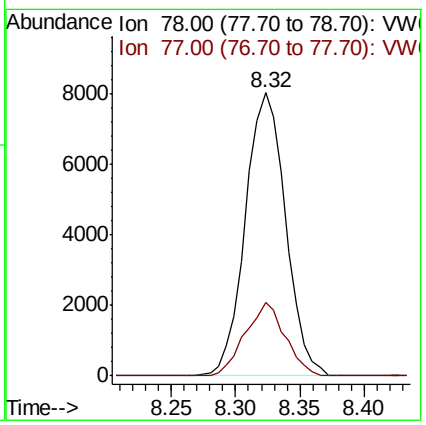


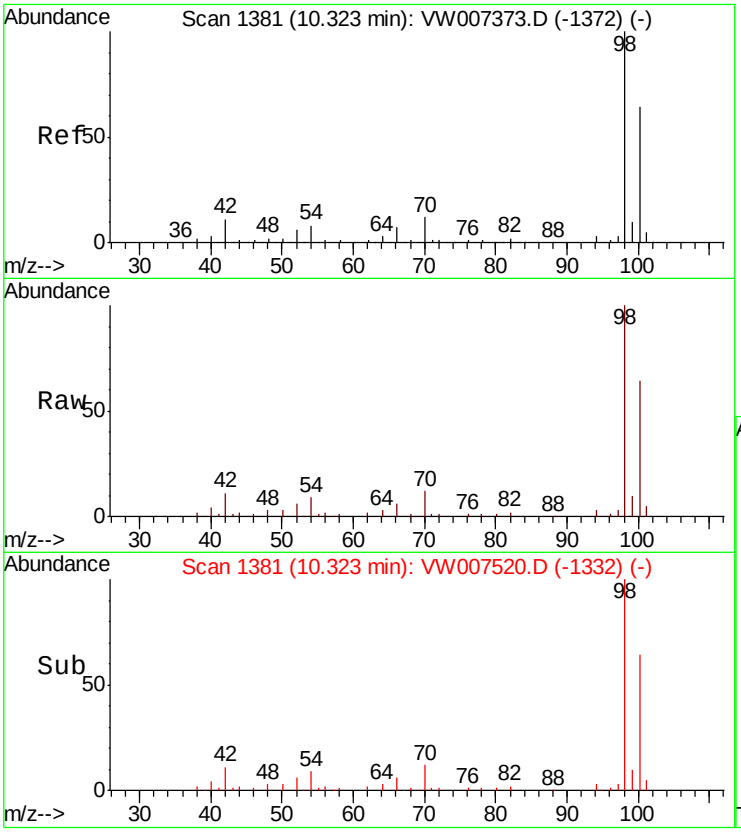


#40
Benzene
Concen: 18.645 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 78 Resp: 17385

Ion	Ratio	Lower	Upper
78	100		
77	25.8	18.8	28.2



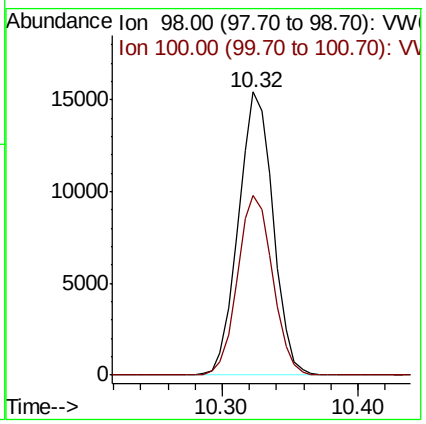


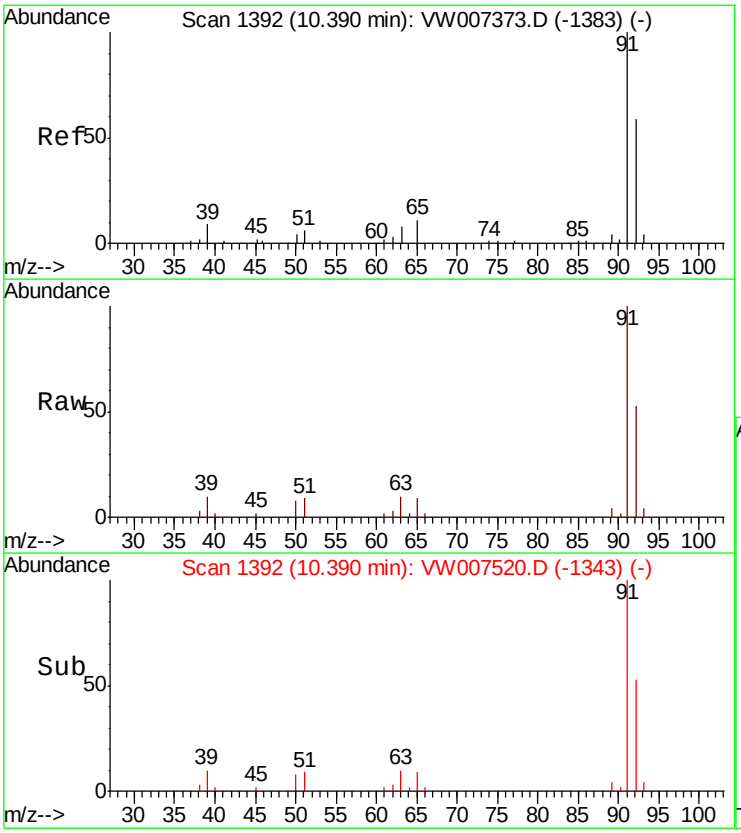
#50
Toluene-d8
Concen: 32.852 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion: 98 Resp: 27463

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.8	77.8

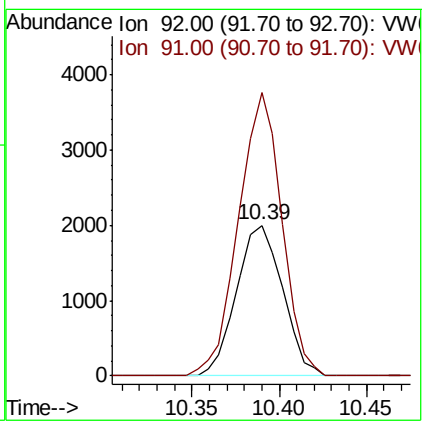


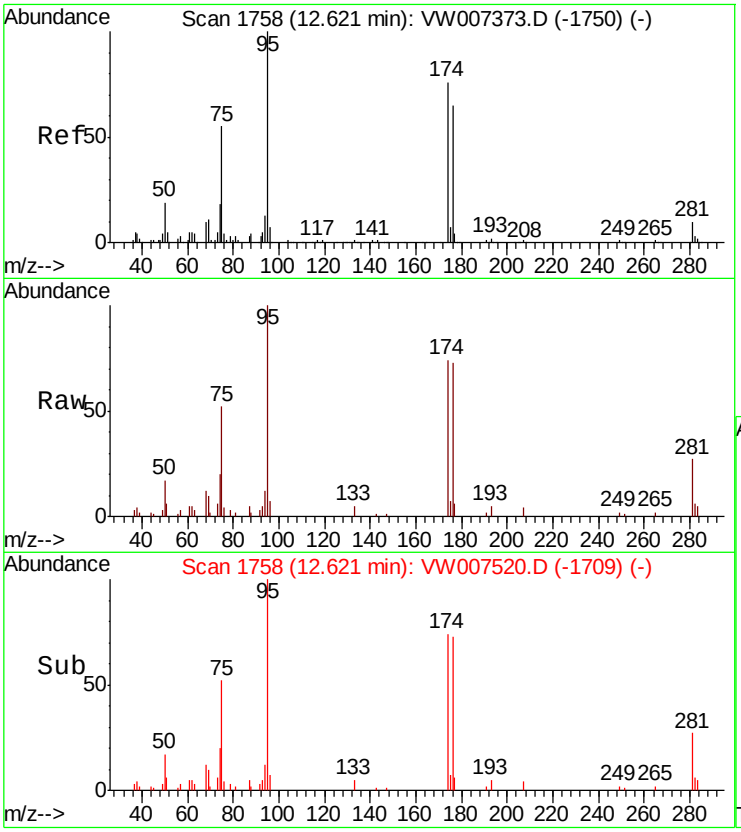


#52
Toluene
Concen: 6.087 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion: 92 Resp: 3673

Ion	Ratio	Lower	Upper
92	100		
91	176.2	136.2	204.2



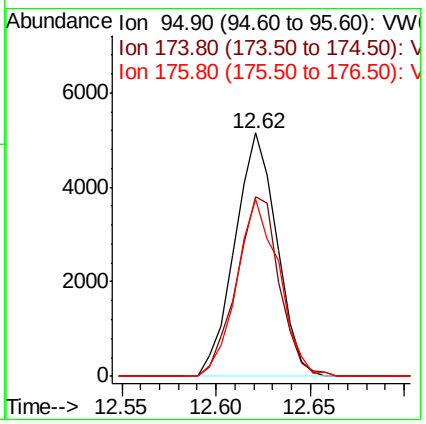


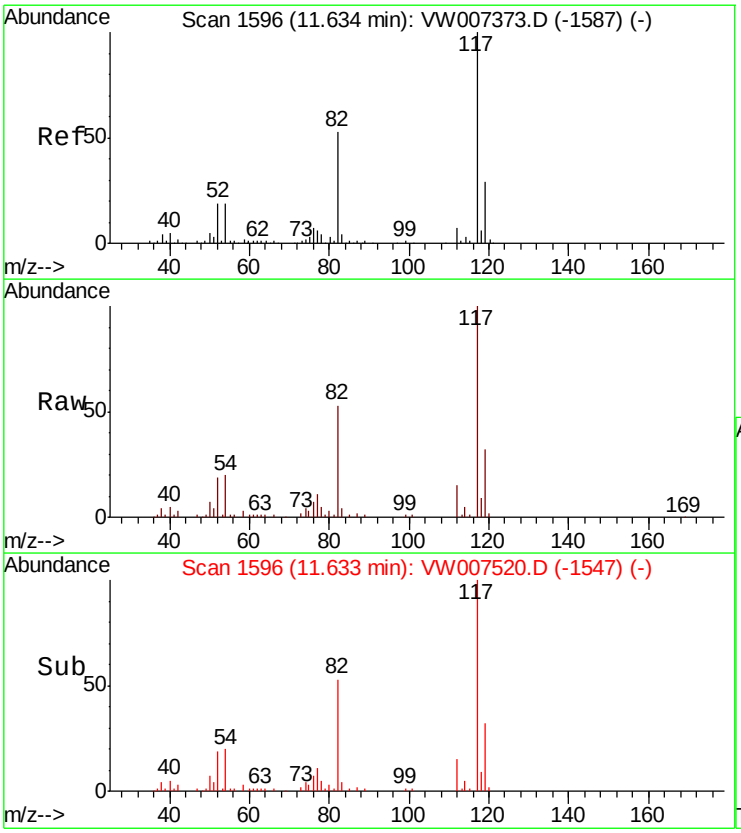
#62
4-Bromofluorobenzene
Concen: 25.845 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion: 95 Resp: 7944

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.2
176	73.4	0.0	138.8

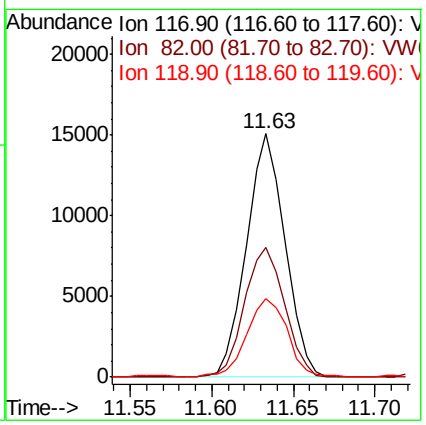


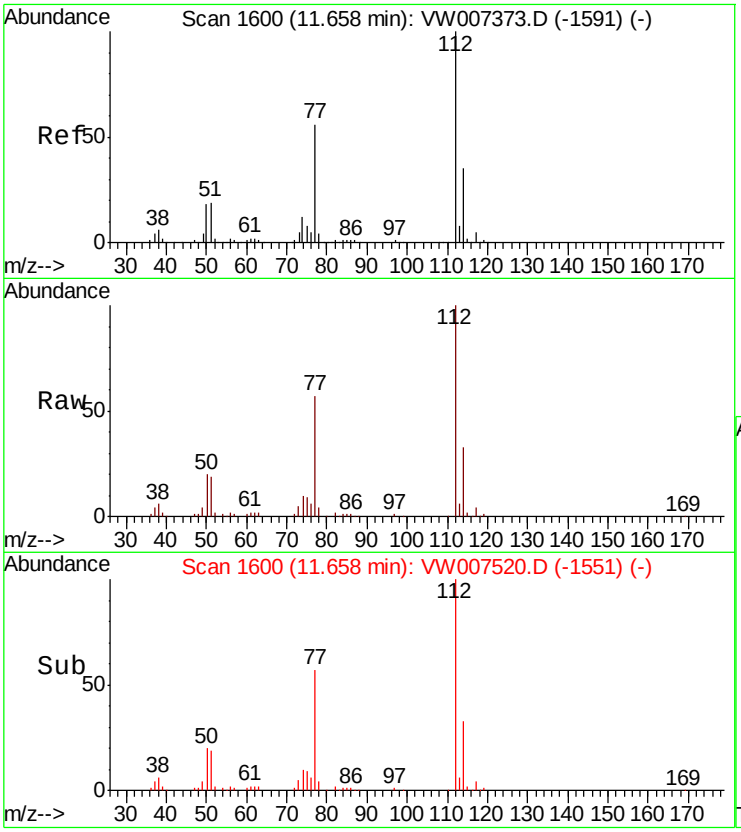


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:117 Resp: 24744

Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.3	63.5
119	32.0	23.0	34.6



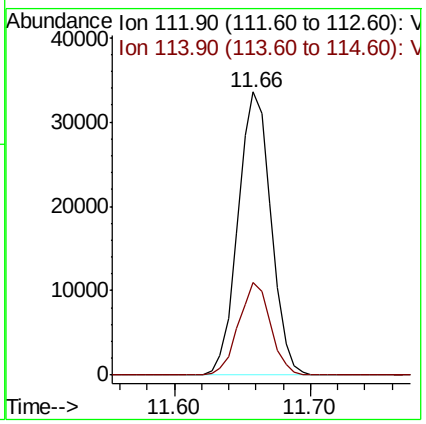


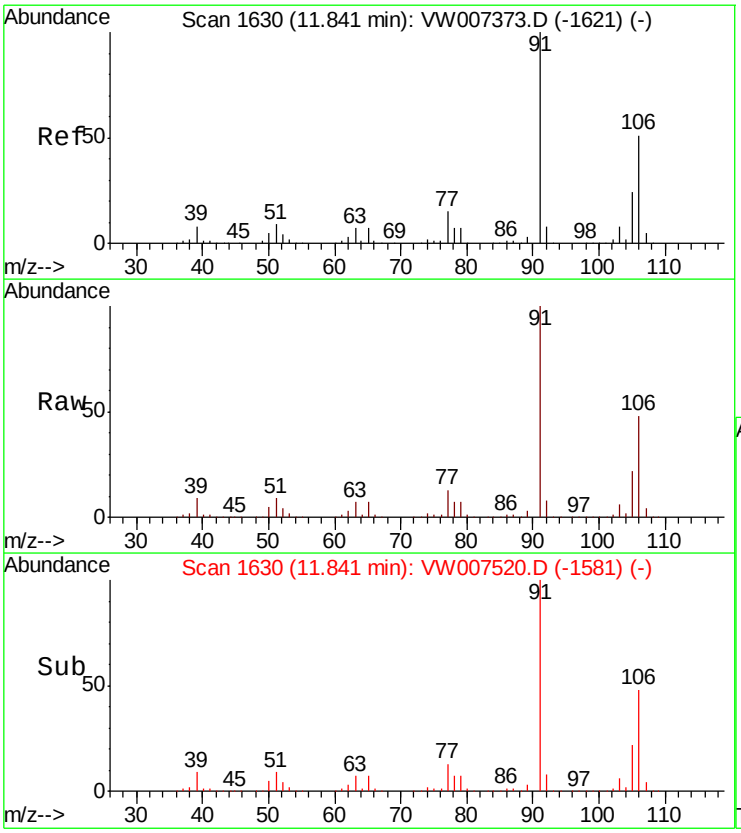
#65
Chlorobenzene
Concen: 110.239 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0612-01

Tgt Ion:112 Resp: 56855

Ion	Ratio	Lower	Upper
112	100		
114	32.9	27.8	41.8

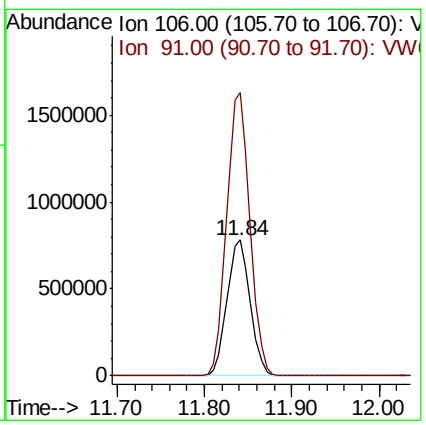


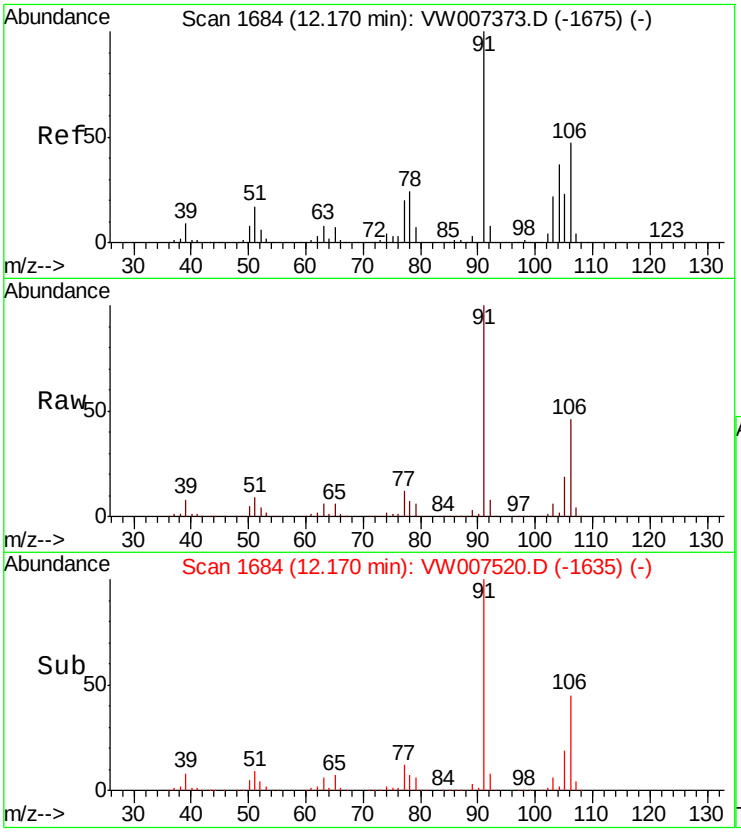


#68
m/p-Xylenes
Concen: 4158.466 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:106 Resp: 1433477

Ion	Ratio	Lower	Upper
106	100		
91	209.5	165.3	247.9



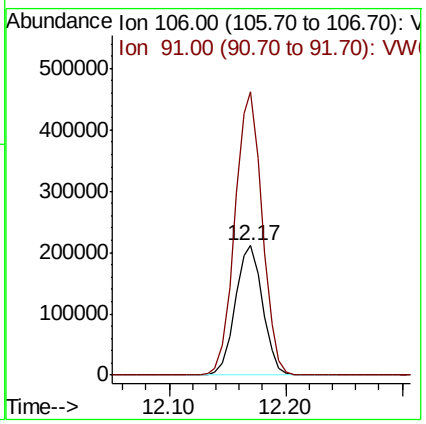


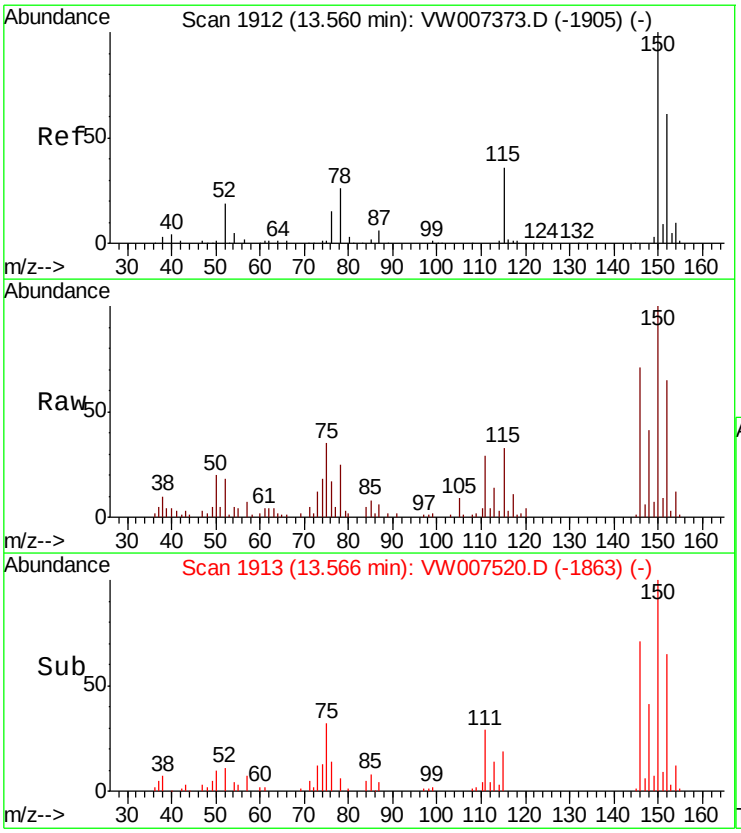
#69
o-Xylene
Concen: 1071.687 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument : MSVOA_W
ClientSampleId : P001-SD001-0612-01

Tgt Ion:106 Resp: 345018

Ion	Ratio	Lower	Upper
106	100		
91	218.0	106.6	319.8

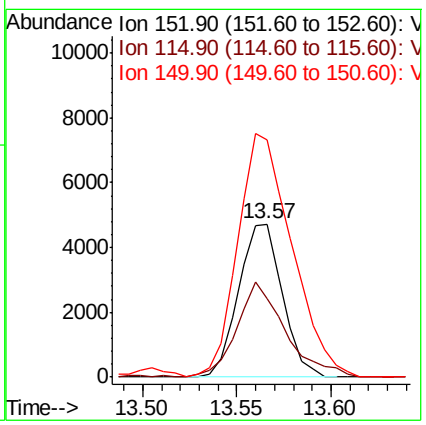


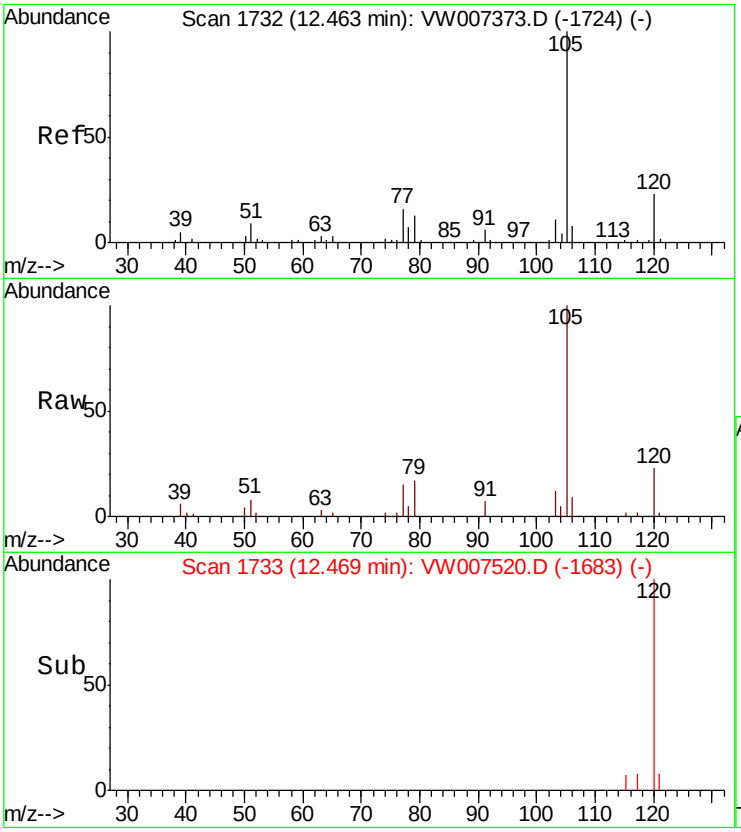


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:152 Resp: 7586

Ion	Ratio	Lower	Upper
152	100		
115	69.5	31.4	94.2
150	196.6	0.0	358.4



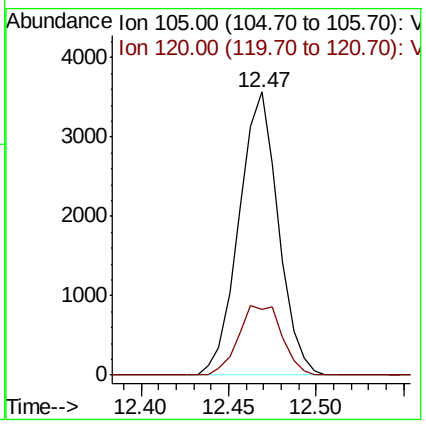


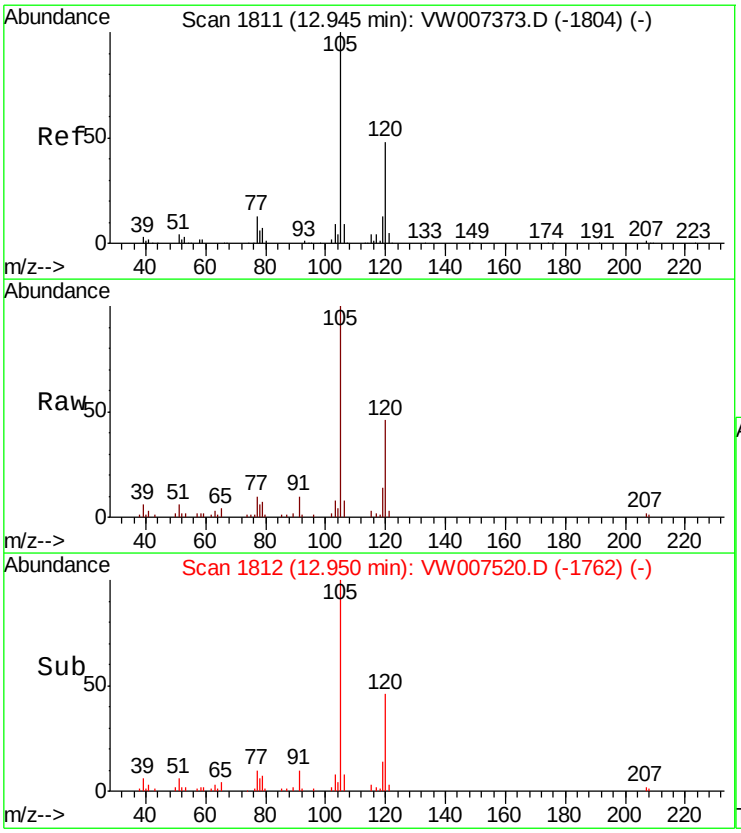
#73
Isopropylbenzene
Concen: 9.579 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:105 Resp: 5568

Ion	Ratio	Lower	Upper
105	100		
120	27.2	12.8	38.4

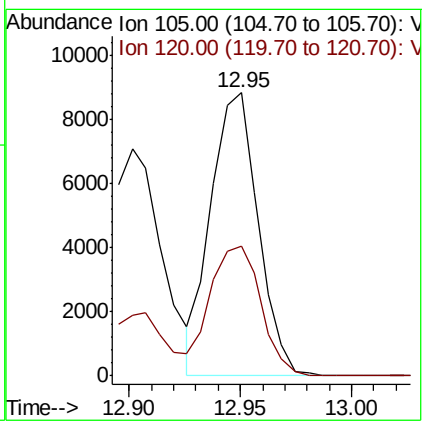


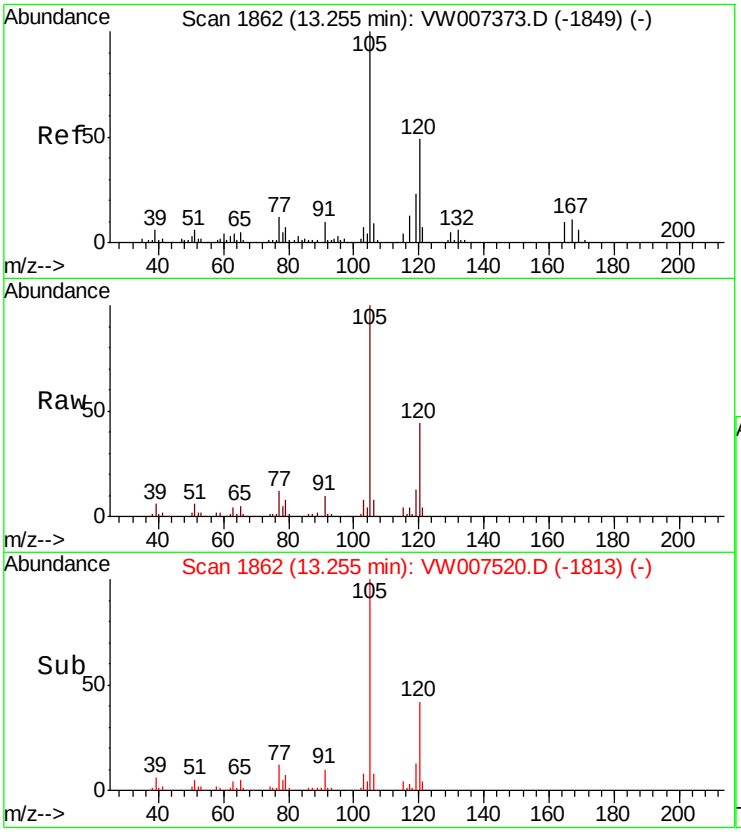


#80
1,3,5-Trimethylbenzene
Concen: 26.721 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:105 Resp: 13051

Ion	Ratio	Lower	Upper
105	100		
120	49.2	23.8	71.4



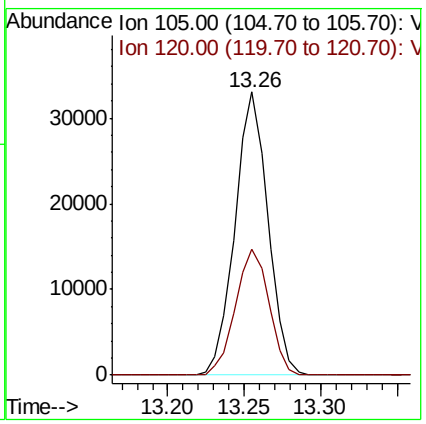


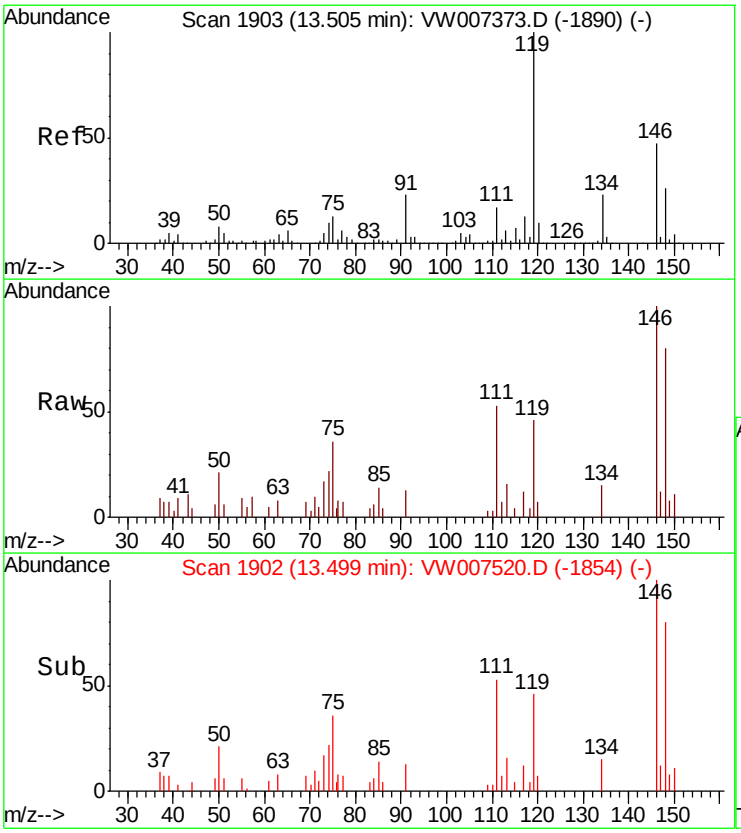
#84
1,2,4-Trimethylbenzene
Concen: 98.232 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:105 Resp: 49371

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.6	67.7

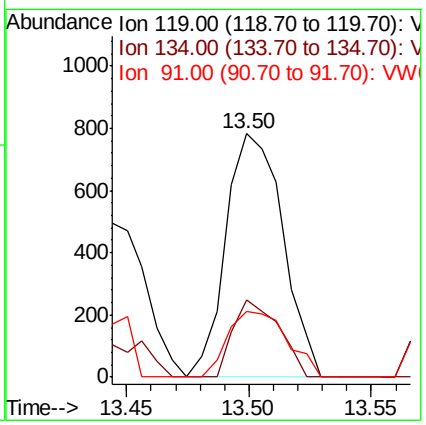


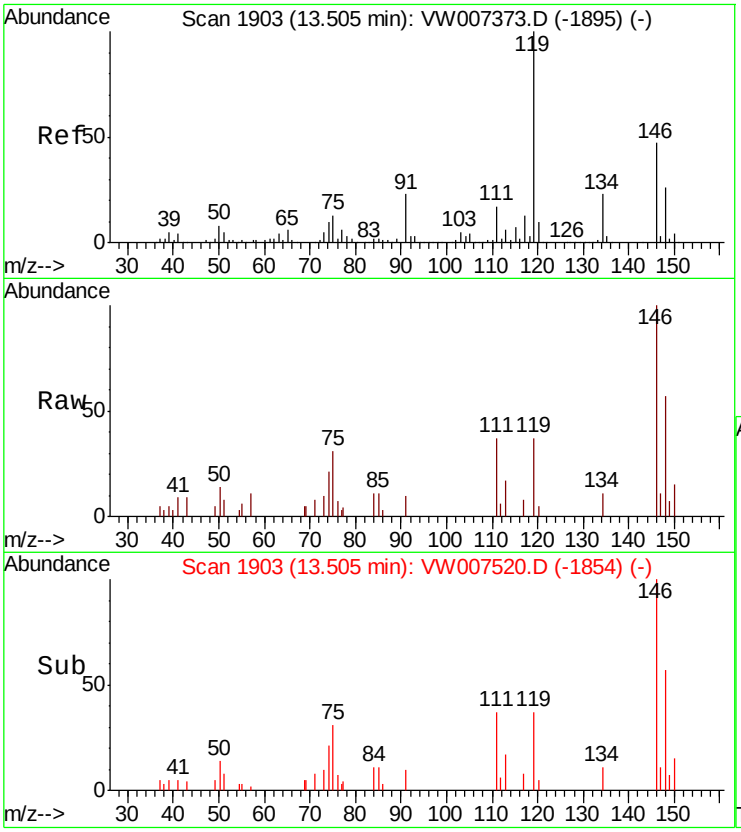


#86
p-Isopropyltoluene
Concen: 2.397 ug/l
RT: 13.50 min Scan# 1902
Delta R.T. -0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:119 Resp: 1265

Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	28.4	11.9	35.9



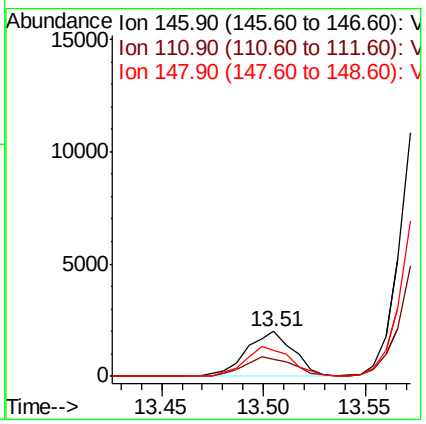


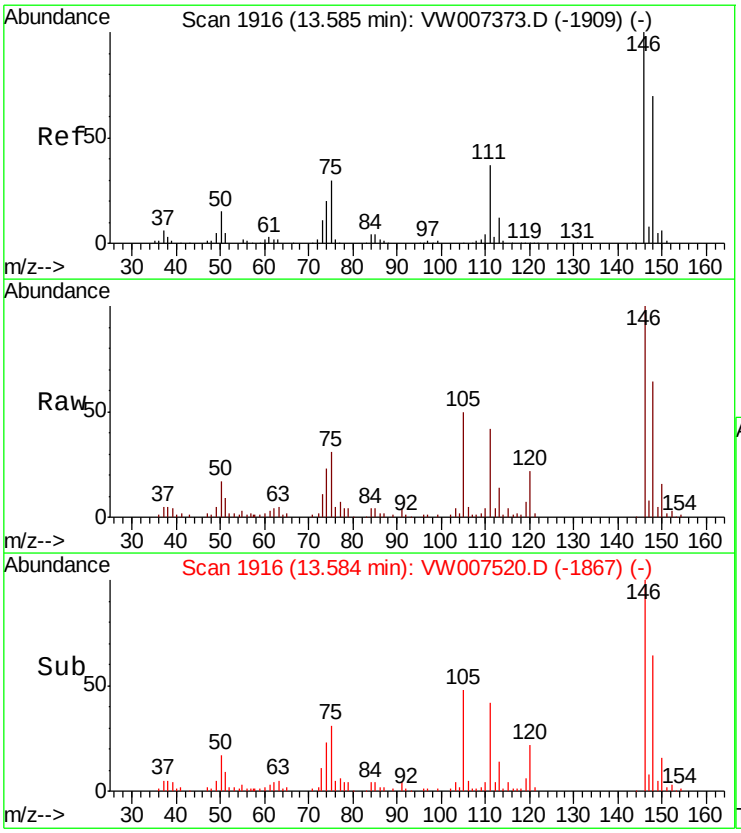
#87
1,3-Dichlorobenzene
Concen: 12.690 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:146 Resp: 3260

Ion	Ratio	Lower	Upper
146	100		
111	44.7	20.1	60.3
148	63.3	31.4	94.0

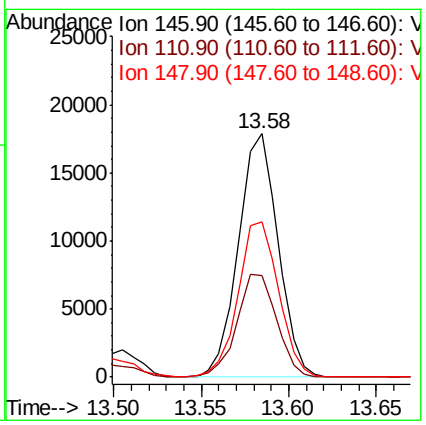


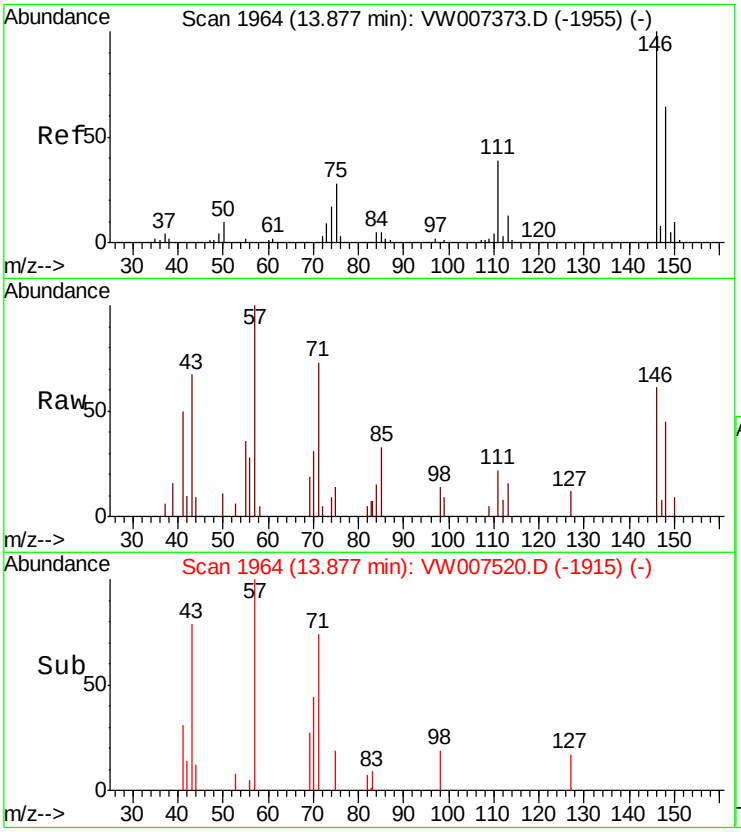


#88
1,4-Dichlorobenzene
Concen: 109.719 ug/l
RT: 13.58 min Scan# 1916
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:146 Resp: 28336

Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.3	61.0
148	65.0	33.5	100.5



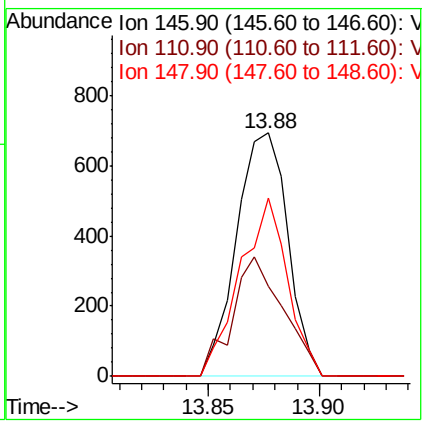


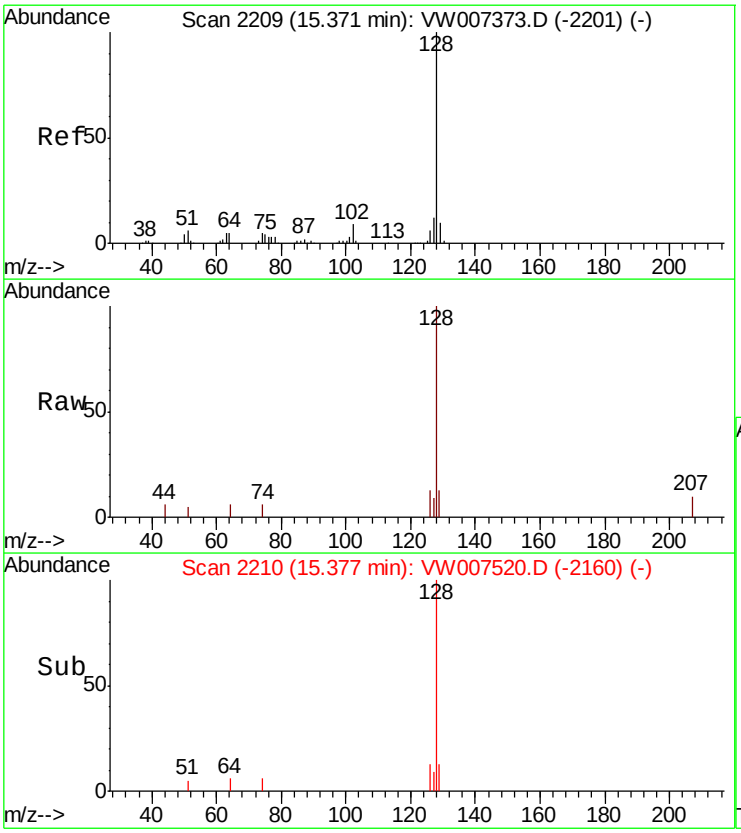
#91
1,2-Dichlorobenzene
Concen: 4.842 ug/l
RT: 13.88 min Scan# 1964
Delta R.T. -0.00 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Instrument :
MSVOA_W
ClientSampleId :
P001-SD001-0612-01

Tgt Ion:146 Resp: 1114

Ion	Ratio	Lower	Upper
146	100		
111	48.6	22.4	67.2
148	67.9	32.4	97.2





#95
Naphthalene
Concen: 5.279 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007520.D
Acq: 14 Dec 2018 07:10

Tgt Ion:128 Resp: 1599

Ion	Ratio	Lower	Upper
128	100		
127	10.1	10.2	15.4#
129	7.4	8.3	12.5#