Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120618\
Data File : VW007289.D
Acq On : 06 Dec 2018 20:00
Operator : SY/AP
Sample : J6231-02RE
Misc : 6.99G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Quant Time: Dec 07 01:34:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	92363	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	146963	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	135493	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67694	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	39466	45.89	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.78%				
35) Dibromofluoromethane	7.88	113	34417	40.90	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.80%				
50) Toluene-d8	10.32	98	141424	38.15	ug/l		0.00
Spiked Amount 50.000			Recovery = 76.30%				
62) 4-Bromofluorobenzene	12.62	95	56926	40.69	ug/l		0.00
Spiked Amount 50.000			Recovery = 81.38%				
Target Compounds							Qvalue
16) Acetone	4.14	43	6150	30.210	ug/l		96
17) Carbon Disulfide	4.39	76	8946	3.069	ug/l		96
20) Methylene Chloride	4.92	84	9188	4.183	ug/l		96
27) cis-1,2-Dichloroethene	7.18	96	2392	2.260	ug/l		89
44) Trichloroethene	9.09	130	73822	66.976	ug/l		92
68) m/p-Xylenes	11.83	106	2189	1.012	ug/l		89
78) n-propylbenzene	12.81	91	8134	1.240	ug/l		98
80) 1,3,5-Trimethylbenzene	12.95	105	5772	1.225	ug/l		95
84) 1,2,4-Trimethylbenzene	13.26	105	49965	10.392	ug/l		100
85) sec-Butylbenzene	13.39	105	8572	1.459	ug/l	#	64
86) p-Isopropyltoluene	13.51	119	7695	1.471	ug/l		96
89) n-Butylbenzene	13.83	91	16948	3.467	ug/l	#	70
95) Naphthalene	15.37	128	17625	6.719	ug/l	#	95

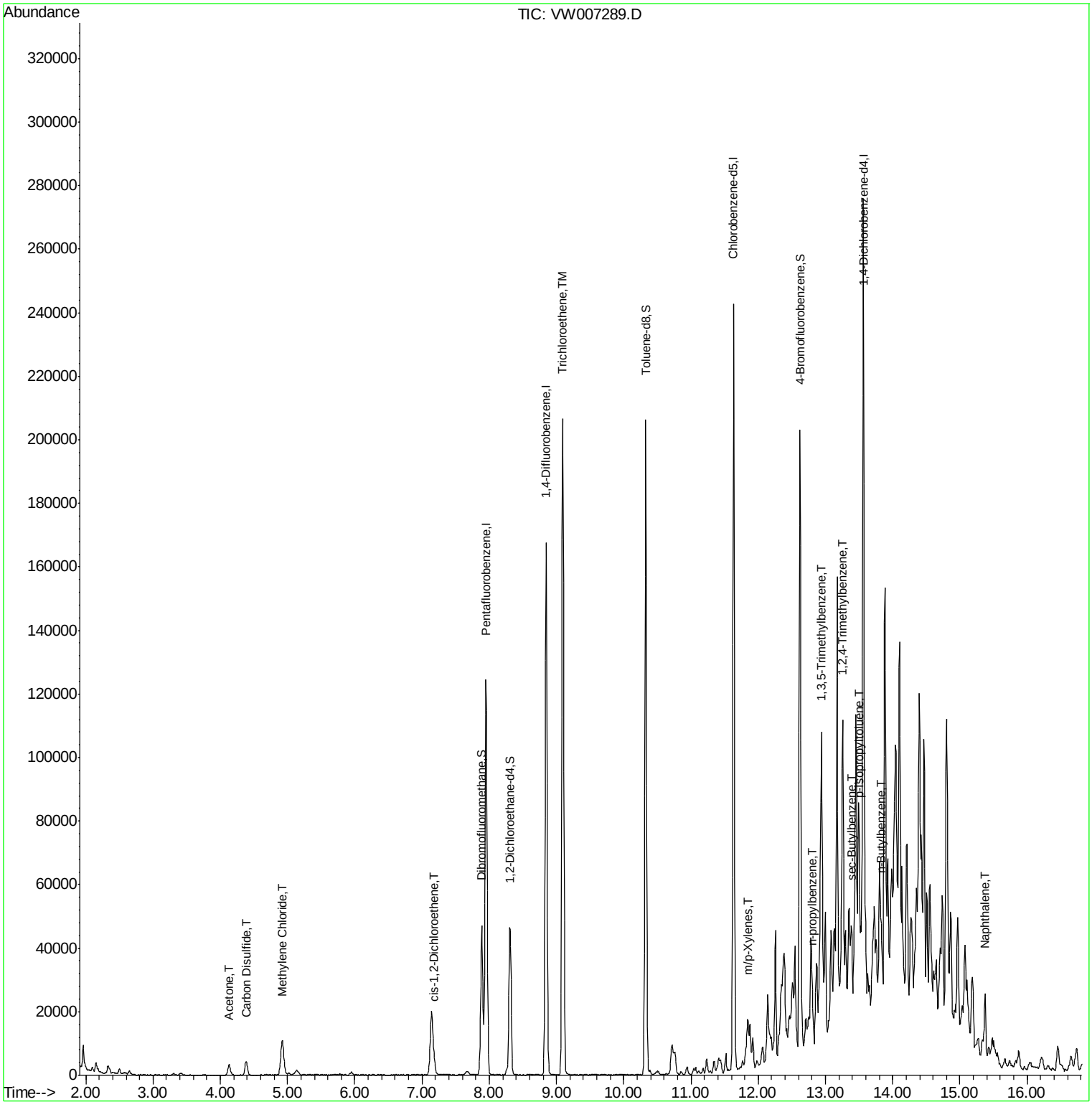
(#) = qualifier out of range (m) = manual integration (+) = signals summed

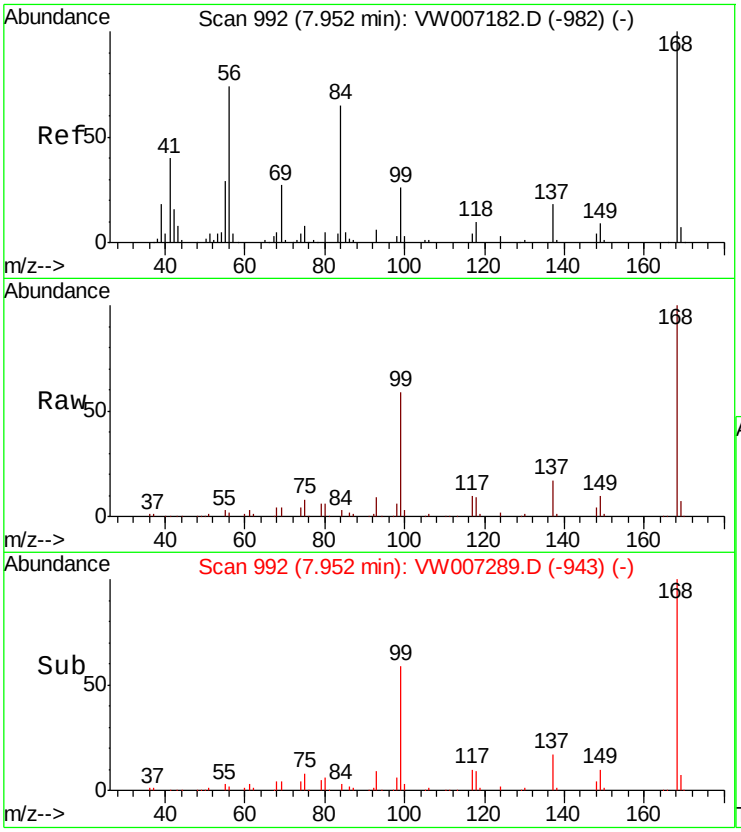
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120618\
Data File : VW007289.D
Acq On : 06 Dec 2018 20:00
Operator : SY/AP
Sample : J6231-02RE
Misc : 6.99G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Quant Time: Dec 07 01:34:18 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 2018
Response via : Initial Calibration



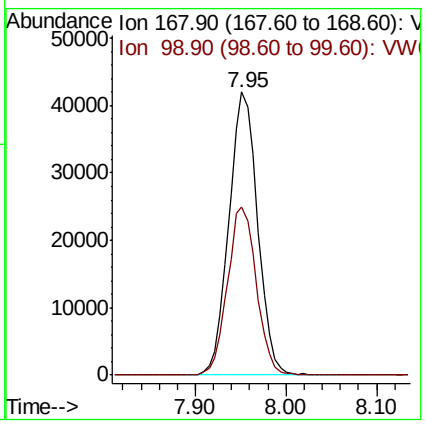


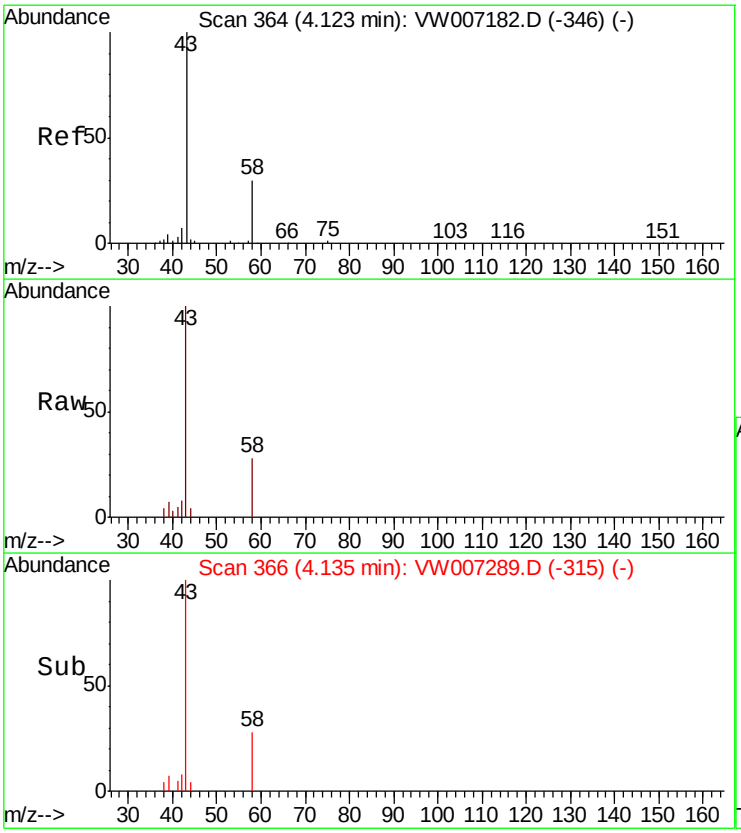
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion:168 Resp: 92363

Ion	Ratio	Lower	Upper
168	100		
99	59.4	47.8	71.8

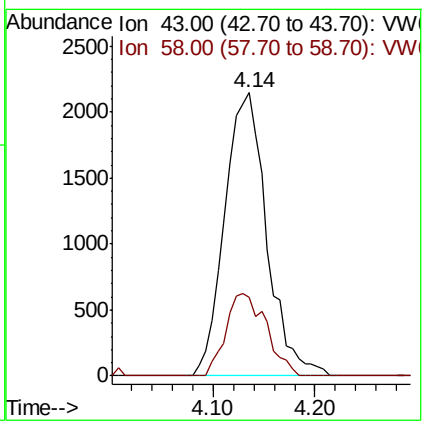


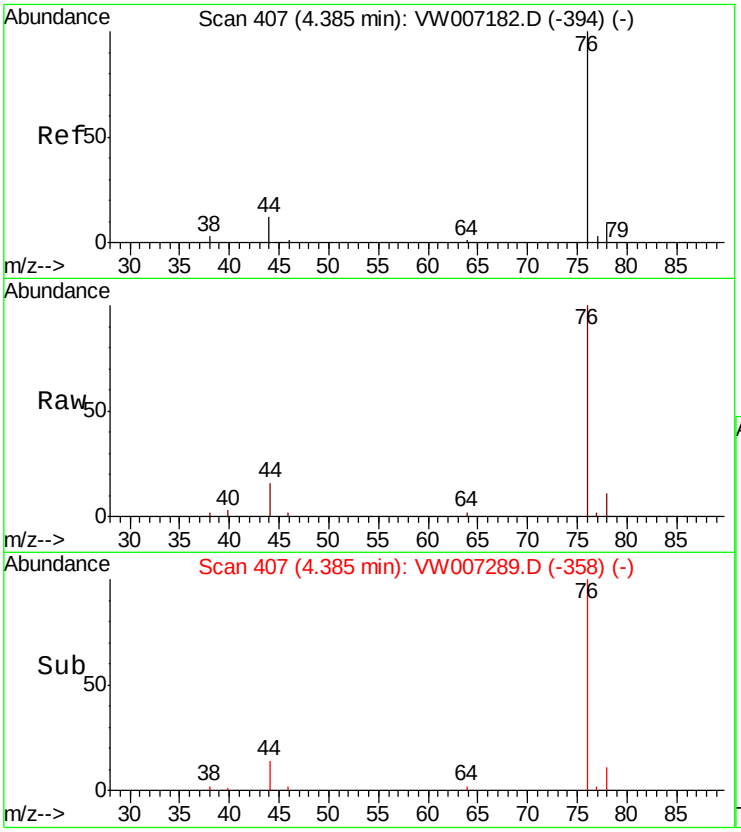


#16
Acetone
Concen: 30.210 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion: 43 Resp: 6150

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.8	35.8



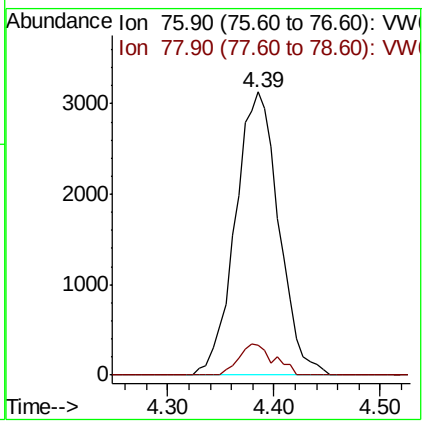


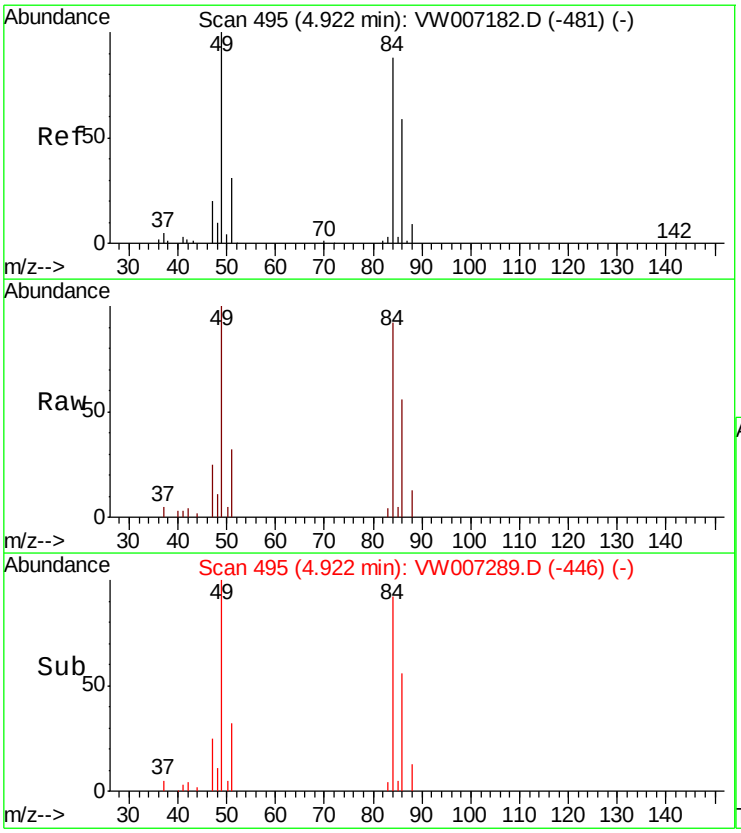
#17
Carbon Disulfide
Concen: 3.069 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
S49-0486RE

Tgt Ion: 76 Resp: 8946

Ion	Ratio	Lower	Upper
76	100		
78	10.5	7.2	10.8

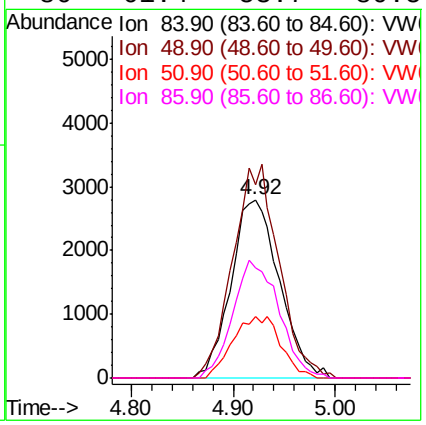


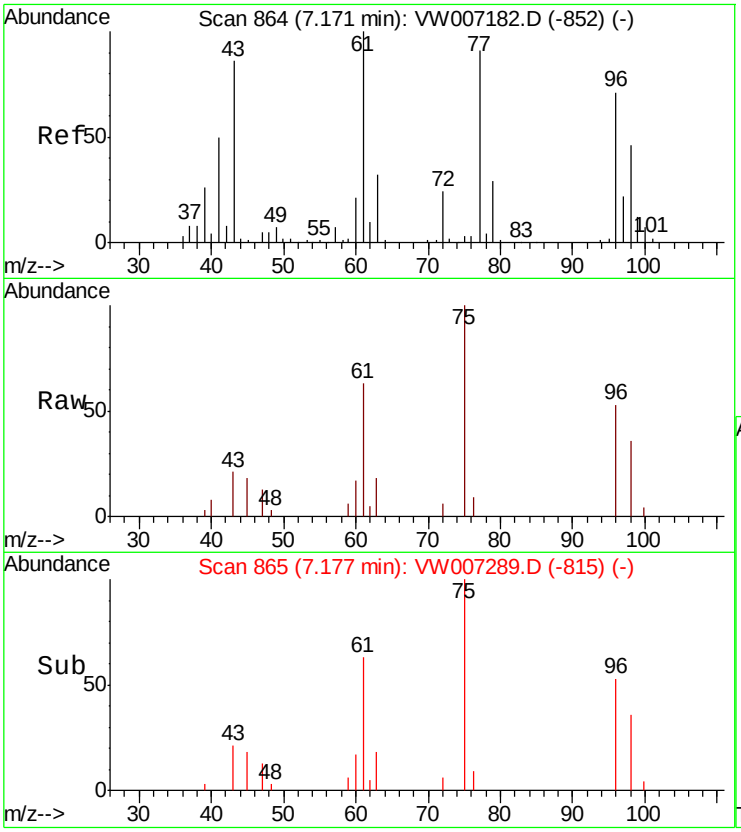


#20
Methylene Chloride
Concen: 4.183 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion: 84 Resp: 9188

Ion	Ratio	Lower	Upper
84	100		
49	108.6	90.6	135.8
51	34.4	27.6	41.4
86	61.4	53.7	80.5



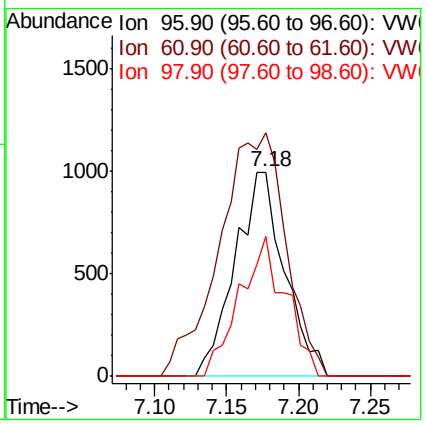


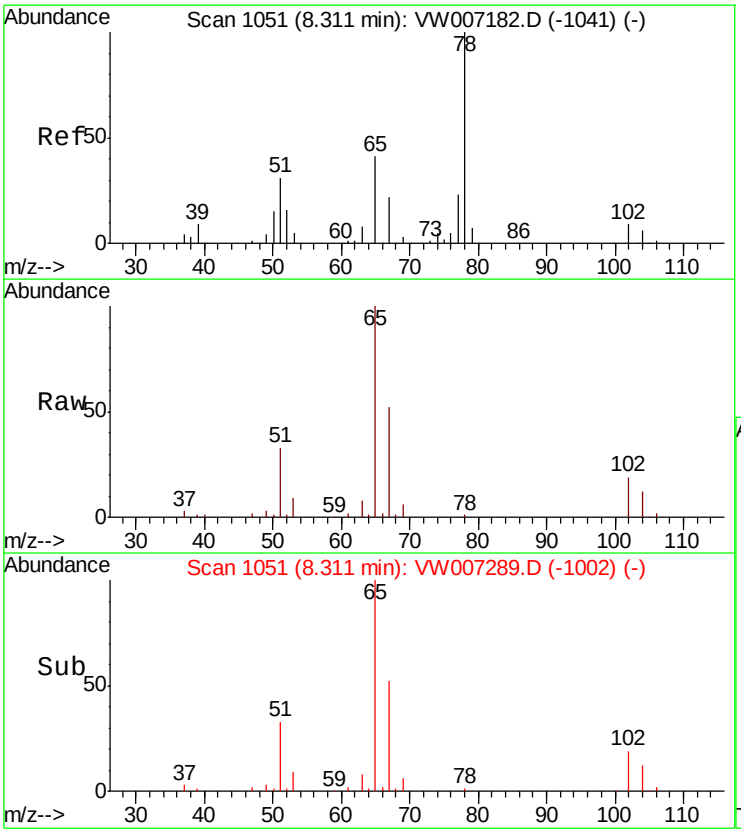
#27
cis-1,2-Dichloroethene
Concen: 2.260 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
S49-0486RE

Tgt Ion: 96 Resp: 2392

Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	282.4
98	63.1	0.0	129.8

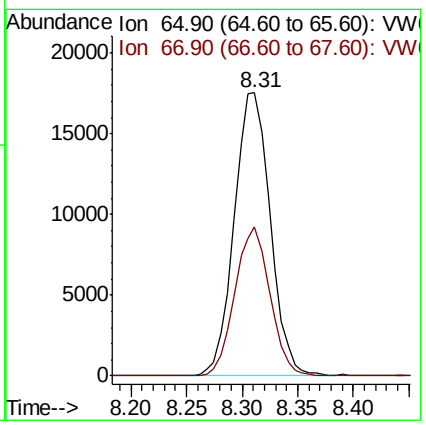


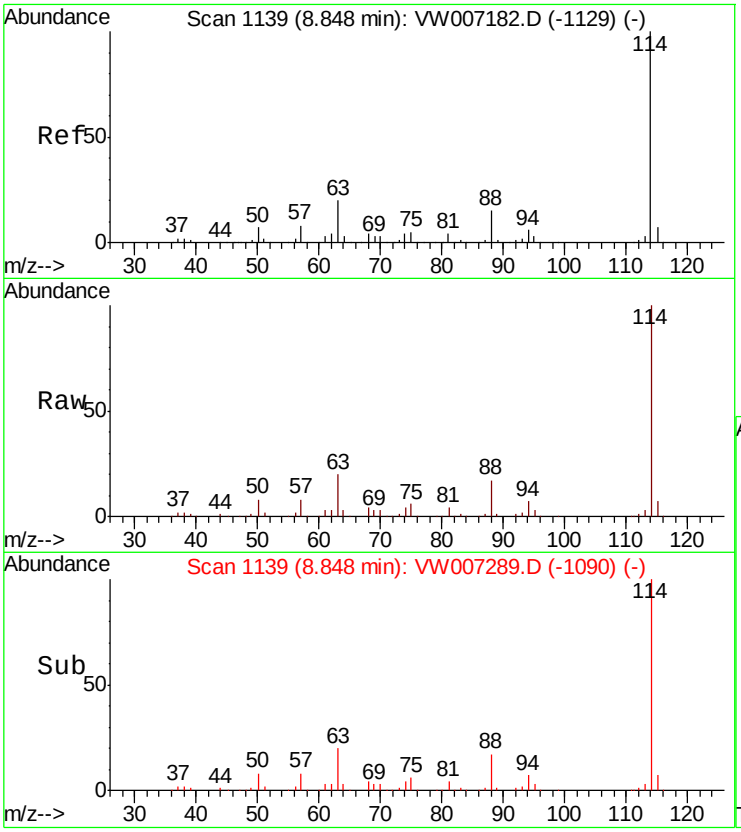


#33
1,2-Dichloroethane-d4
Concen: 45.894 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion: 65 Resp: 39466

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	106.4



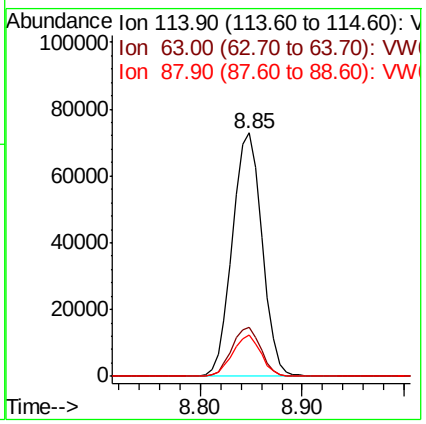


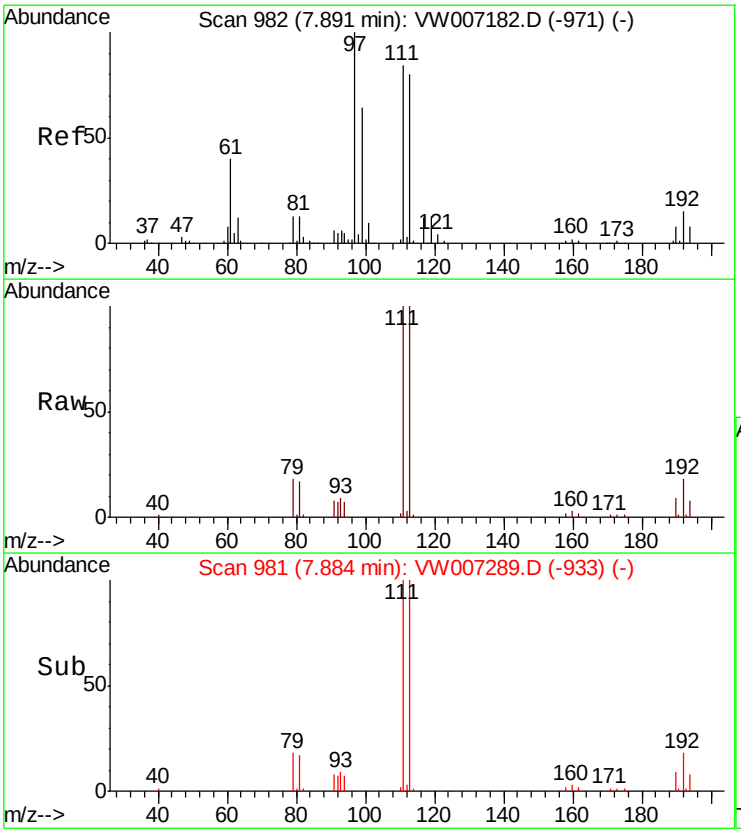
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion:114 Resp: 146963

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	17.0	0.0	30.0

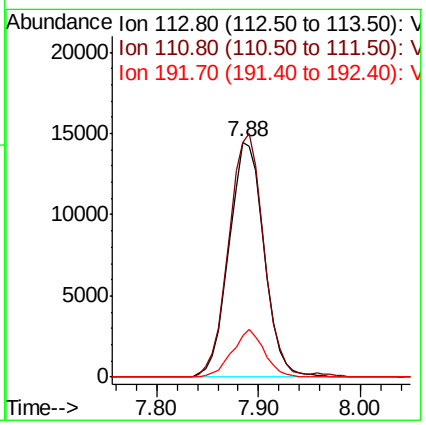


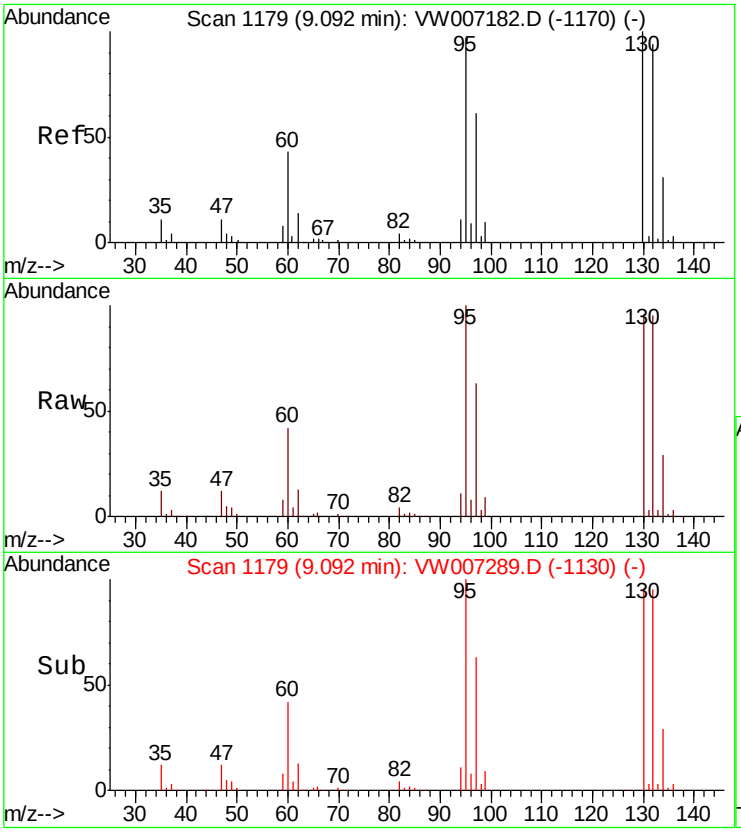


#35
Dibromofluoromethane
Concen: 40.899 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion:113 Resp: 34417

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	18.4	14.4	21.6



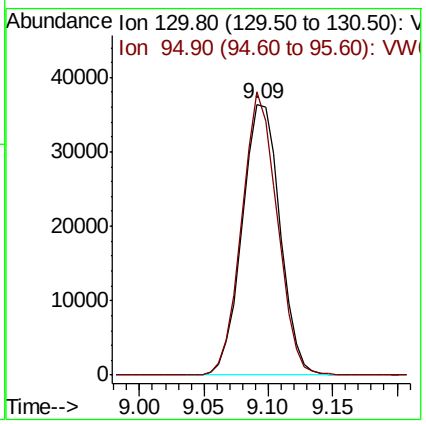


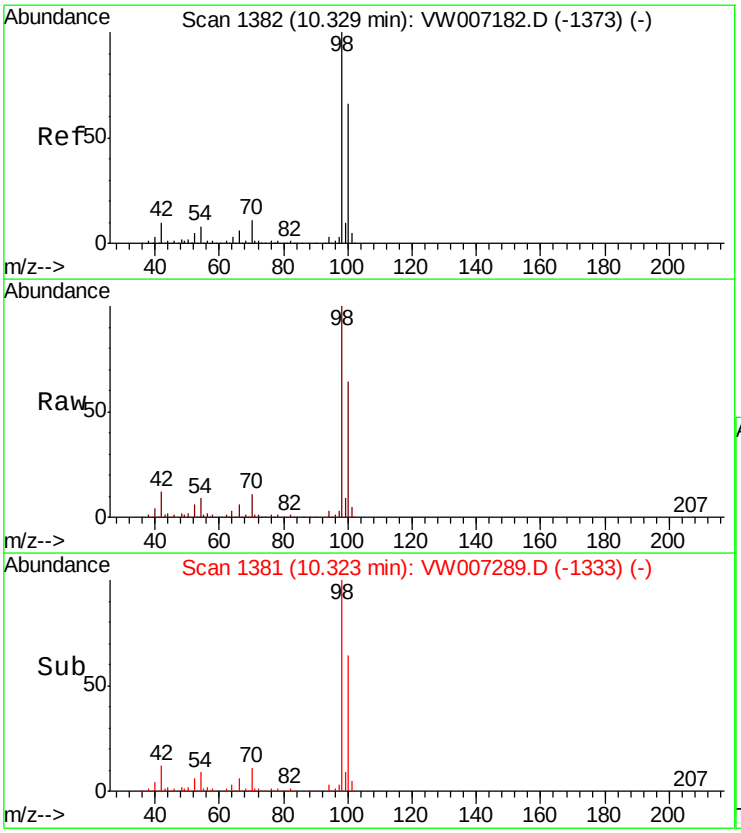
#44
Trichloroethene
Concen: 66.976 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
S49-0486RE

Tgt Ion:130 Resp: 73822

Ion	Ratio	Lower	Upper
130	100		
95	104.6	0.0	194.0

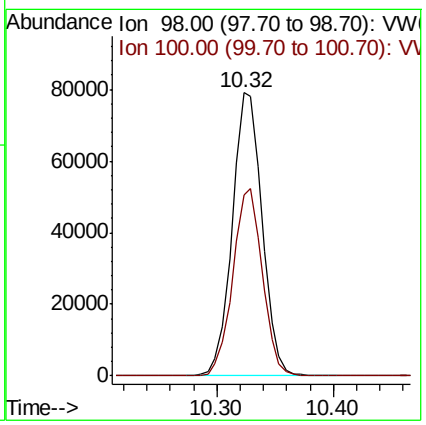


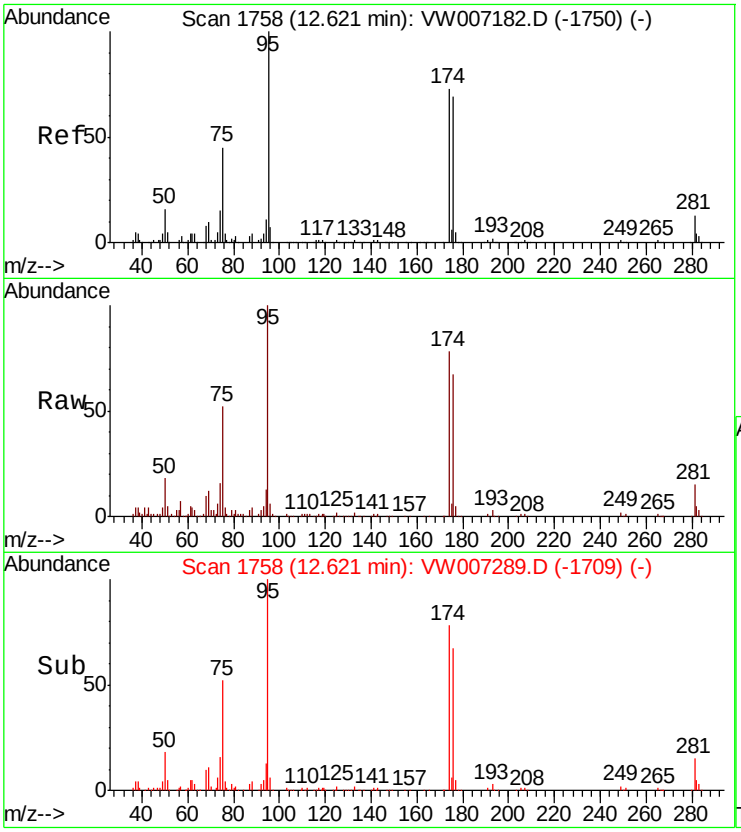


#50
Toluene-d8
Concen: 38.152 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion: 98 Resp: 141424

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1



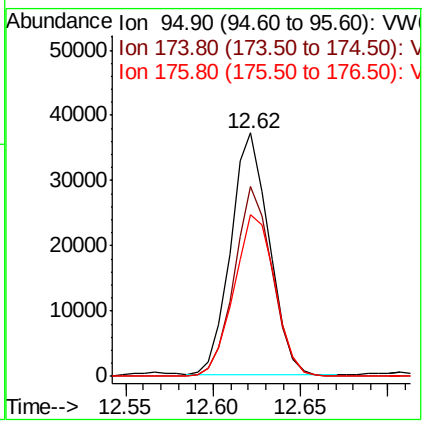


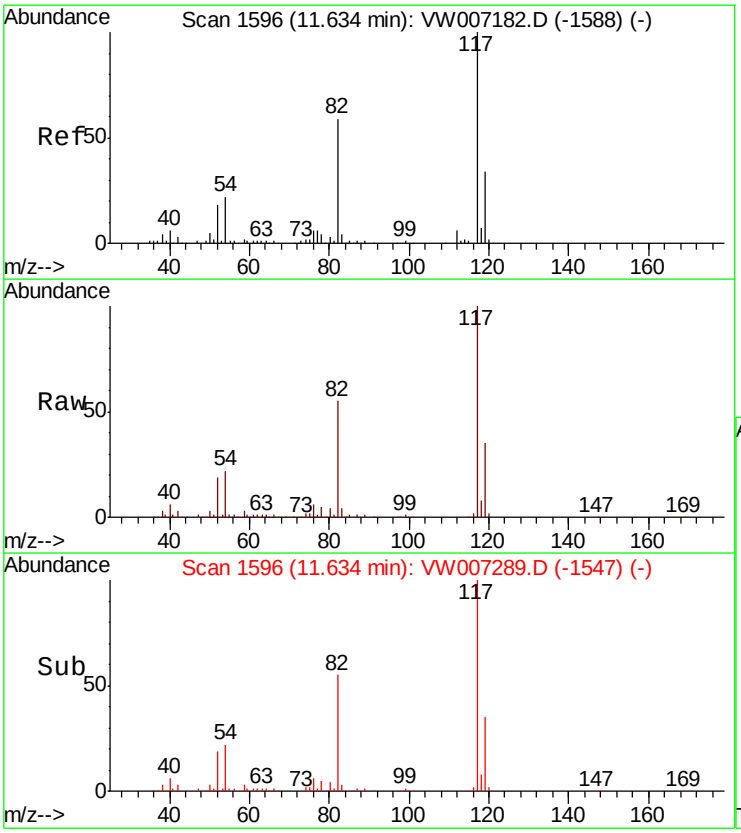
#62
4-Bromofluorobenzene
Concen: 40.687 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
S49-0486RE

Tgt Ion: 95 Resp: 56926

Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	148.0
176	71.2	0.0	139.4

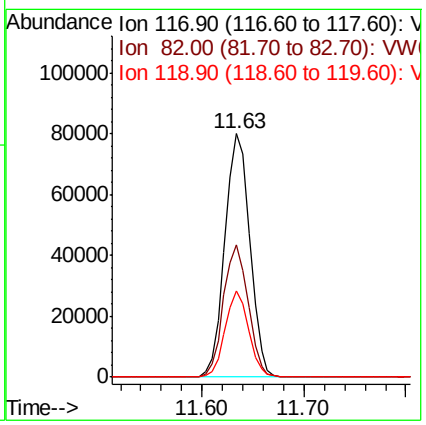


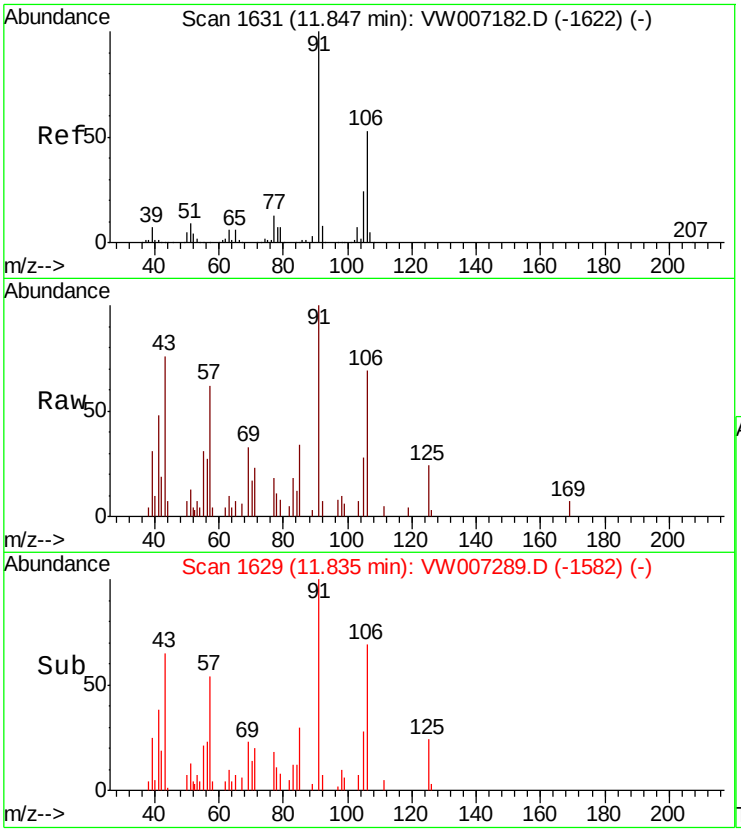


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion:117 Resp: 135493

Ion	Ratio	Lower	Upper
117	100		
82	54.4	47.4	71.2
119	35.2	26.8	40.2



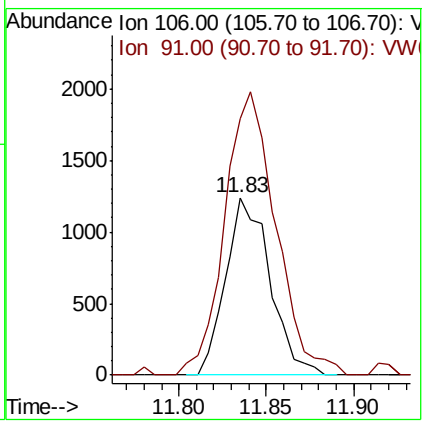


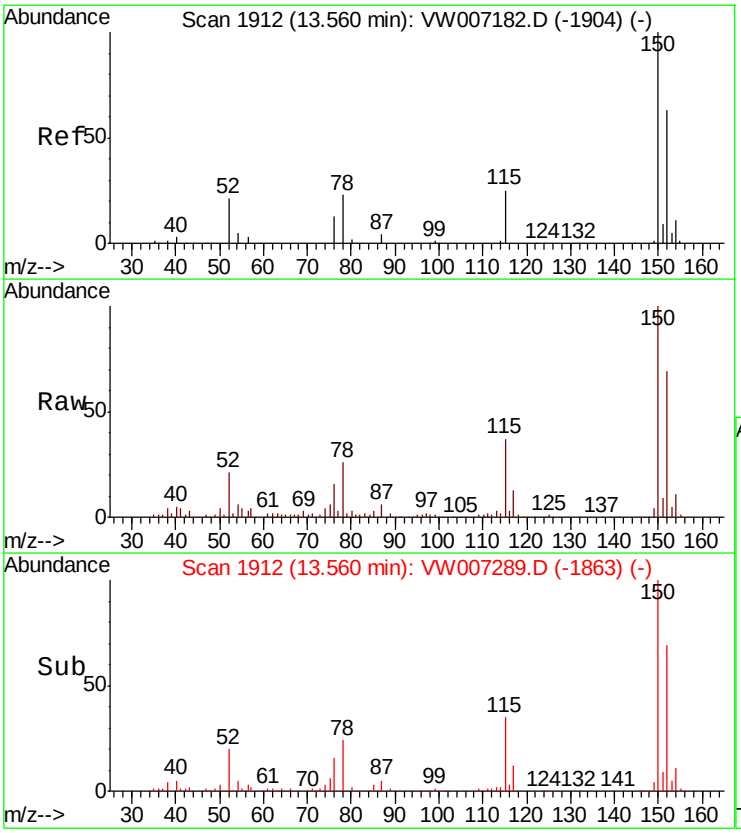
#68
m/p-Xylenes
Concen: 1.012 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion:106 Resp: 2189

Ion	Ratio	Lower	Upper
106	100		
91	184.3	160.2	240.4

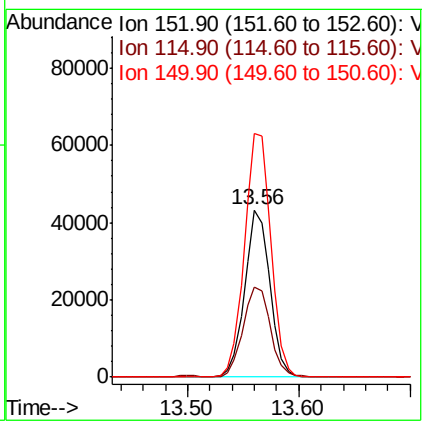


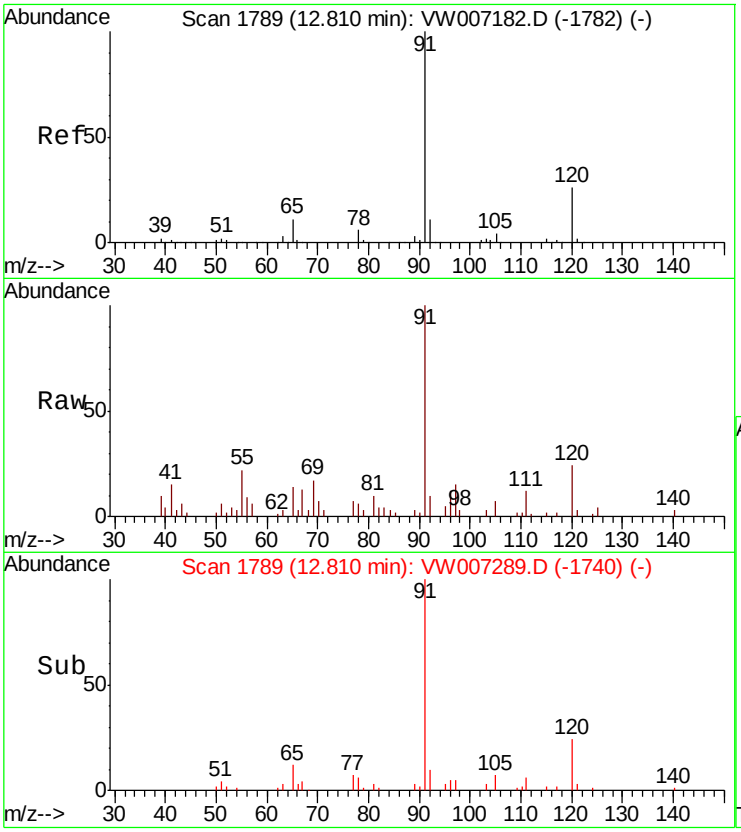


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion:152 Resp: 67694

Ion	Ratio	Lower	Upper
152	100		
115	58.4	31.3	93.8
150	153.1	0.0	358.0



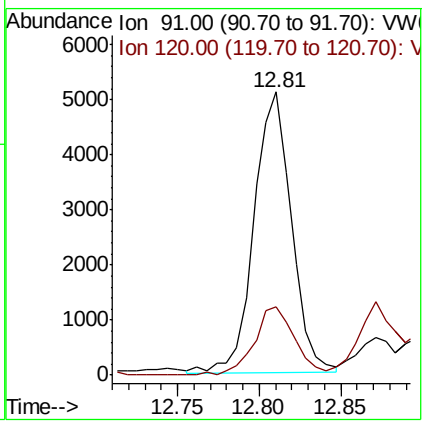


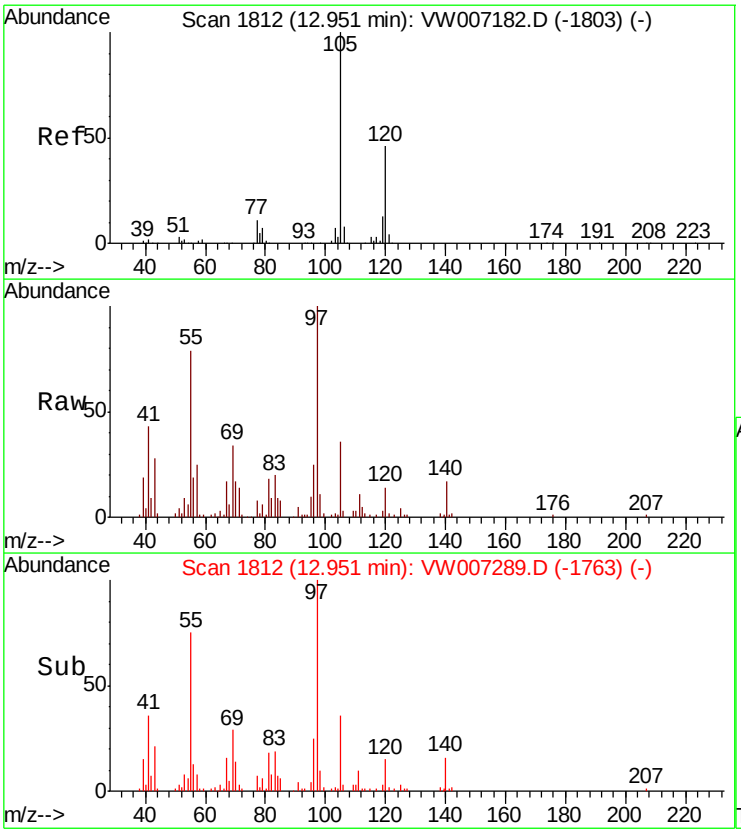
#78
n-propylbenzene
Concen: 1.240 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion: 91 Resp: 8134

Ion	Ratio	Lower	Upper
91	100		
120	26.2	12.5	37.5

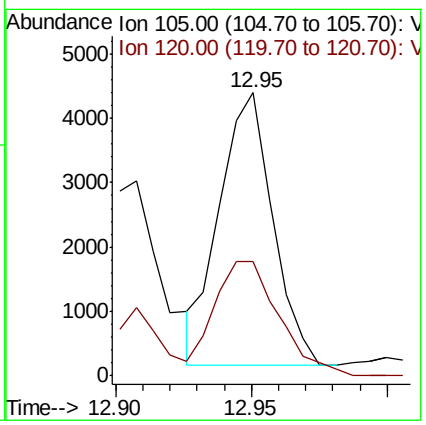


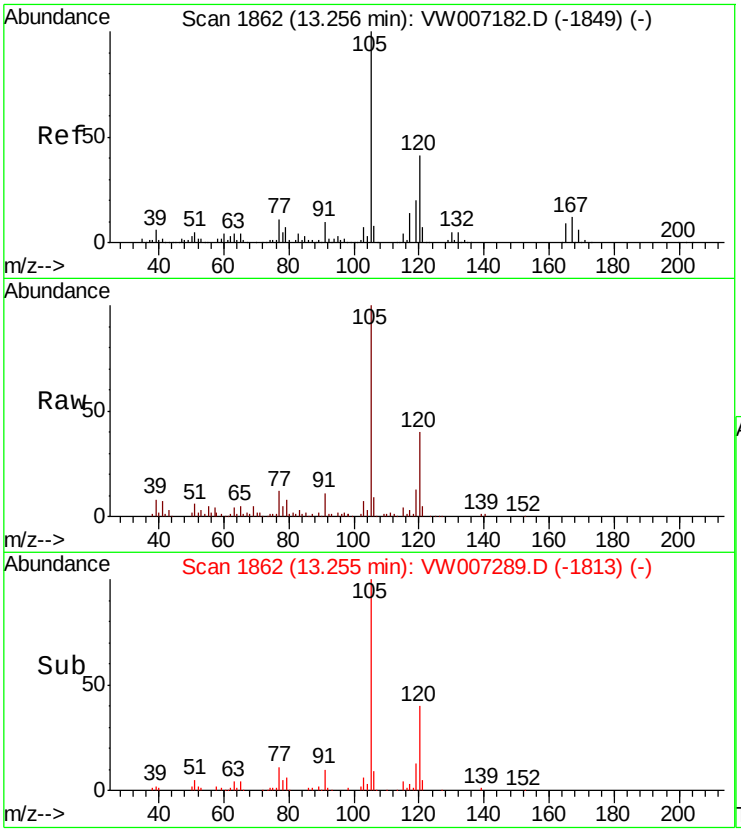


#80
1,3,5-Trimethylbenzene
Concen: 1.225 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion:105 Resp: 5772

Ion	Ratio	Lower	Upper
105	100		
120	50.7	23.8	71.5



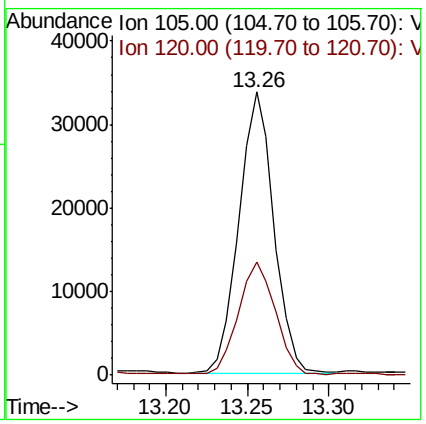


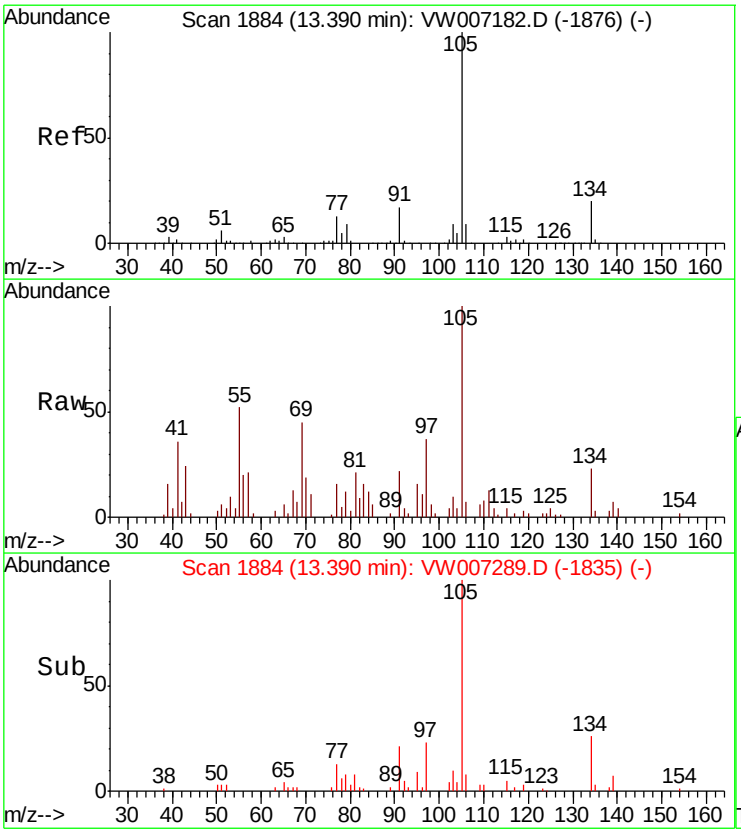
#84
1,2,4-Trimethylbenzene
Concen: 10.392 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion:105 Resp: 49965

Ion	Ratio	Lower	Upper
105	100		
120	42.2	21.1	63.3

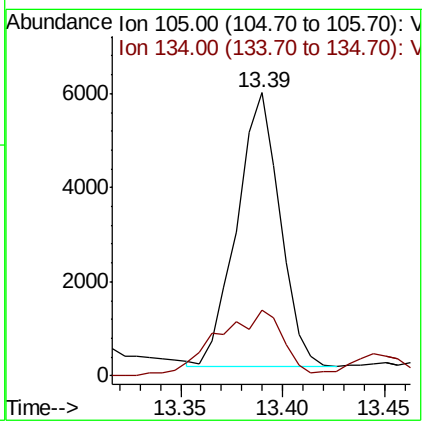


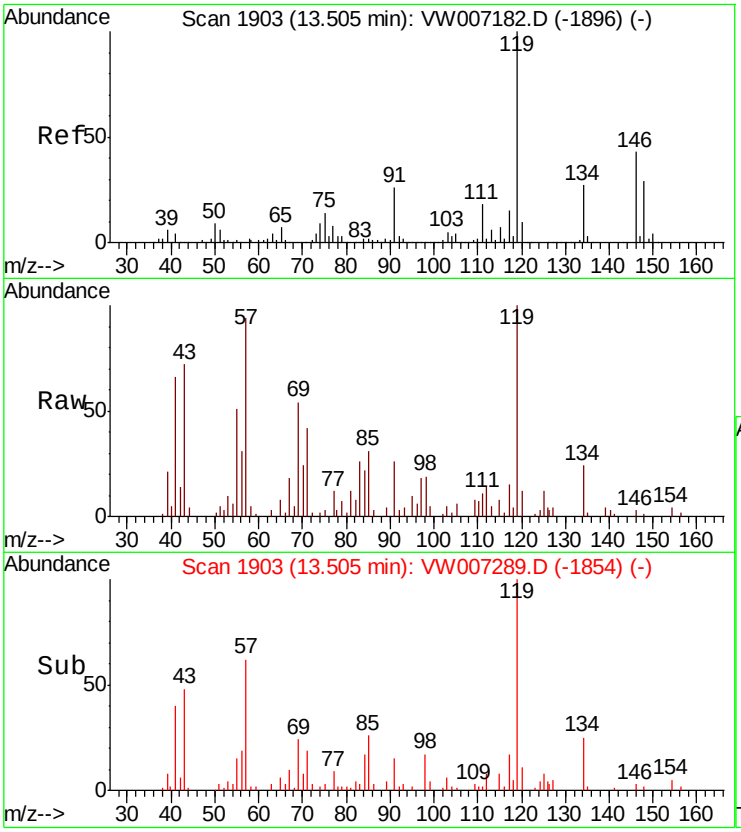


#85
sec-Butylbenzene
Concen: 1.459 ug/l
RT: 13.39 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion:105 Resp: 8572

Ion	Ratio	Lower	Upper
105	100		
134	37.4	10.3	30.8#



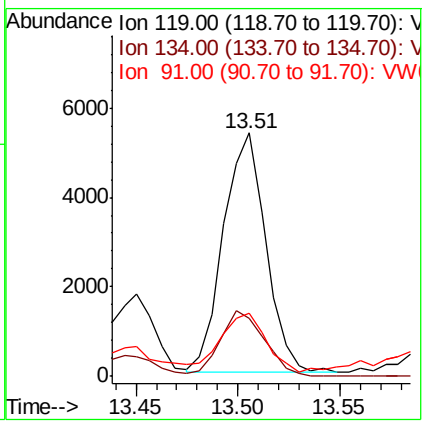


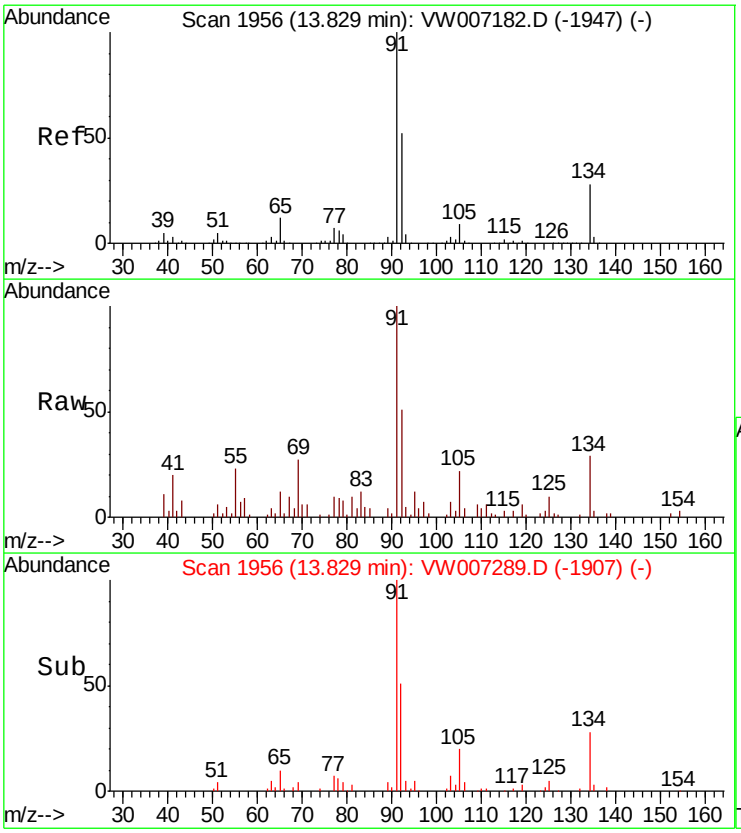
#86
p-Isopropyltoluene
Concen: 1.471 ug/l
RT: 13.51 min Scan# 1903
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument : MSVOA_W
ClientSampleId : S49-0486RE

Tgt Ion:119 Resp: 7695

Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.2	39.6
91	26.5	12.4	37.2

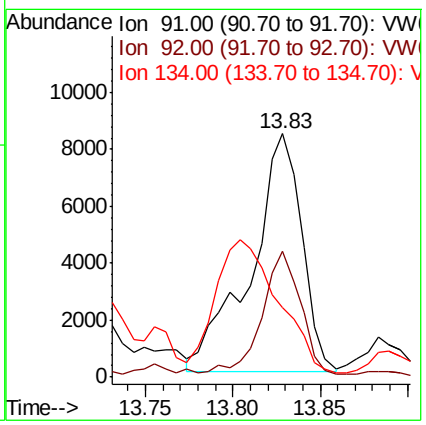


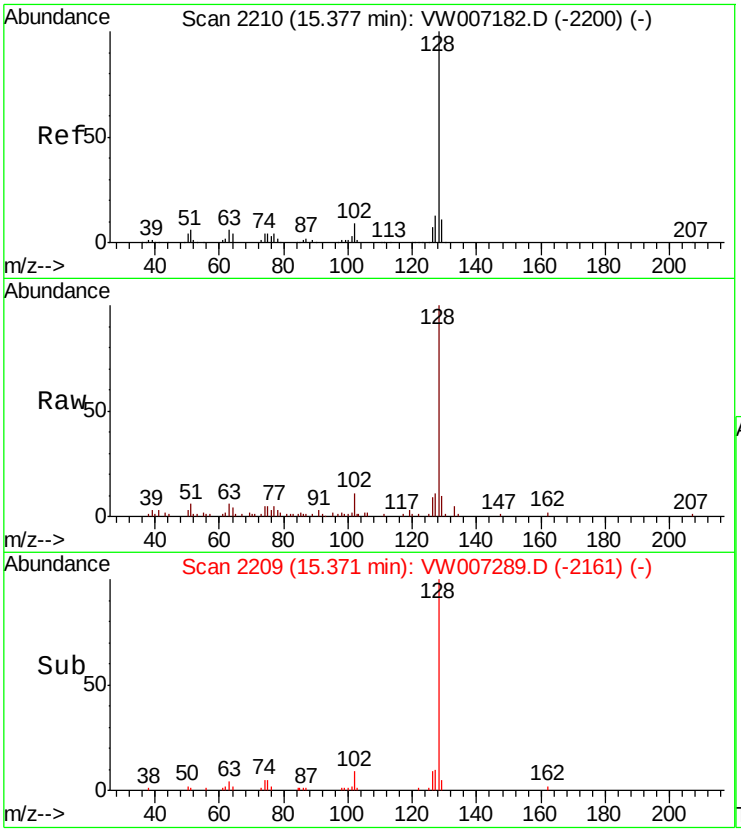


#89
n-Butylbenzene
Concen: 3.467 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Tgt Ion: 91 Resp: 16948

Ion	Ratio	Lower	Upper
91	100		
92	40.9	26.5	79.5
134	0.0	14.1	42.2#





#95
Naphthalene
Concen: 6.719 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007289.D
Acq: 06 Dec 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
S49-0486RE

Tgt Ion:128 Resp: 17625

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.3	15.5
129	13.3	8.6	13.0#