Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
Data File : VW012556.D
Acq On : 03 Sep 2019 19:21
Operator : SY/VA
Sample : K4551-09
Misc : 6.38G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : S400-K1-2.0-2.5-082619

Quant Time: Sep 04 07:04:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234475	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	380801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	311202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151752	54.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.88%			
35) Dibromofluoromethane	7.88	113	118770	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.50%			
50) Toluene-d8	10.32	98	463116	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
62) 4-Bromofluorobenzene	12.62	95	141467	43.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.08%			
Target Compounds						Qvalue
8) Diethyl Ether	3.68	74	4152	3.182	ug/l	97
16) Acetone	4.14	43	105878	148.600	ug/l	96
20) Methylene Chloride	4.92	84	29665	11.013	ug/l	95
29) Tetrahydrofuran	7.54	42	4943	8.509	ug/l	96

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

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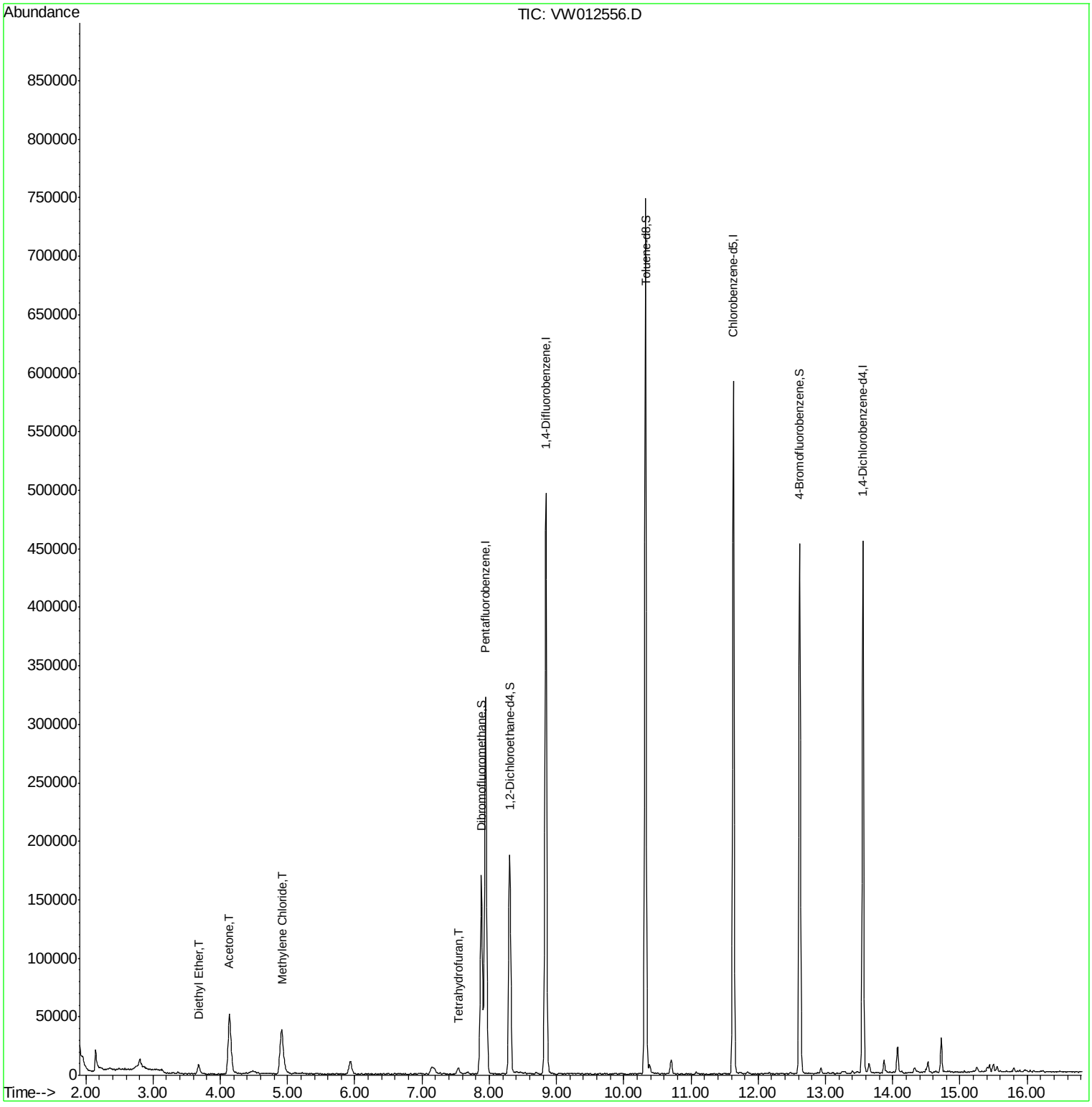
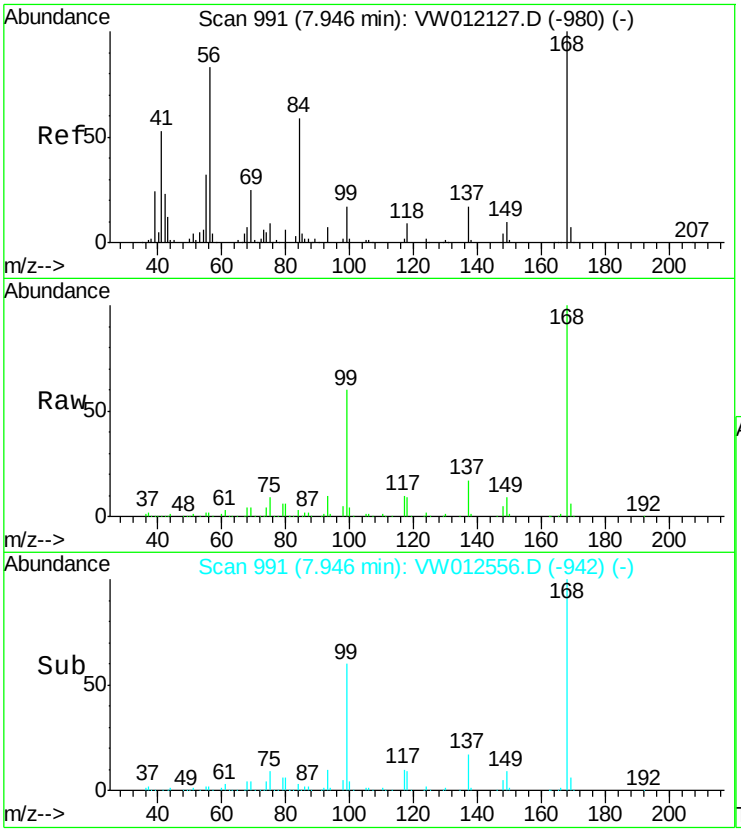


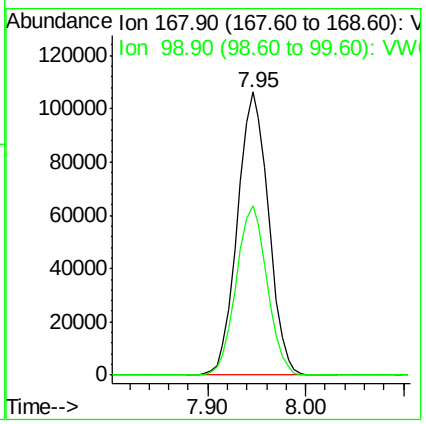


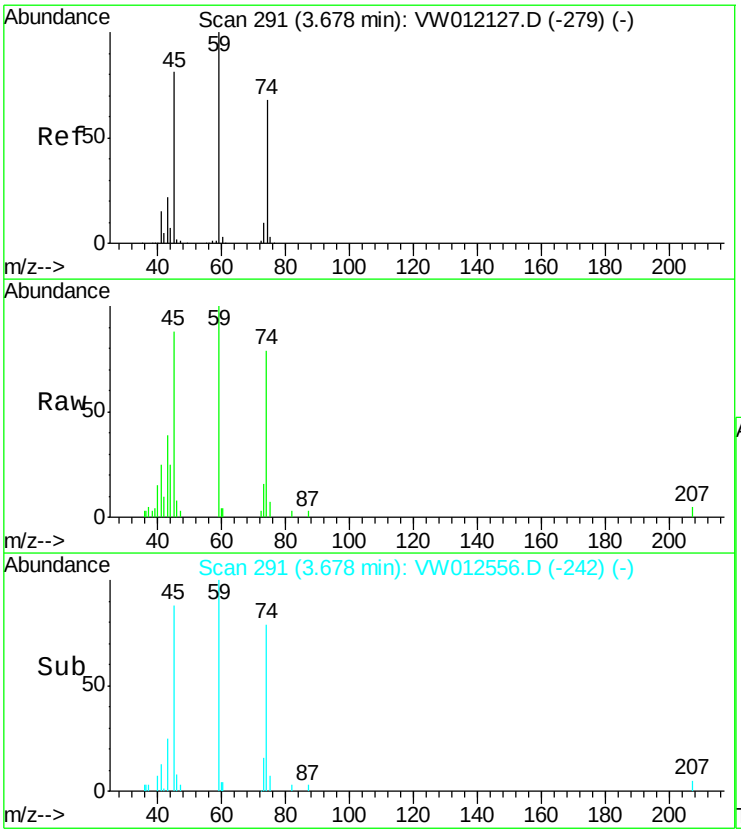
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion:168 Resp: 234475

Ion	Ratio	Lower	Upper
168	100		
99	60.0	49.2	73.8

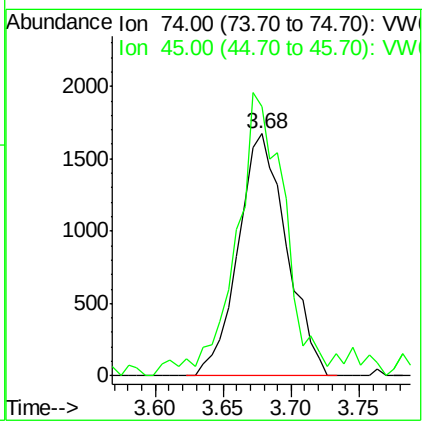


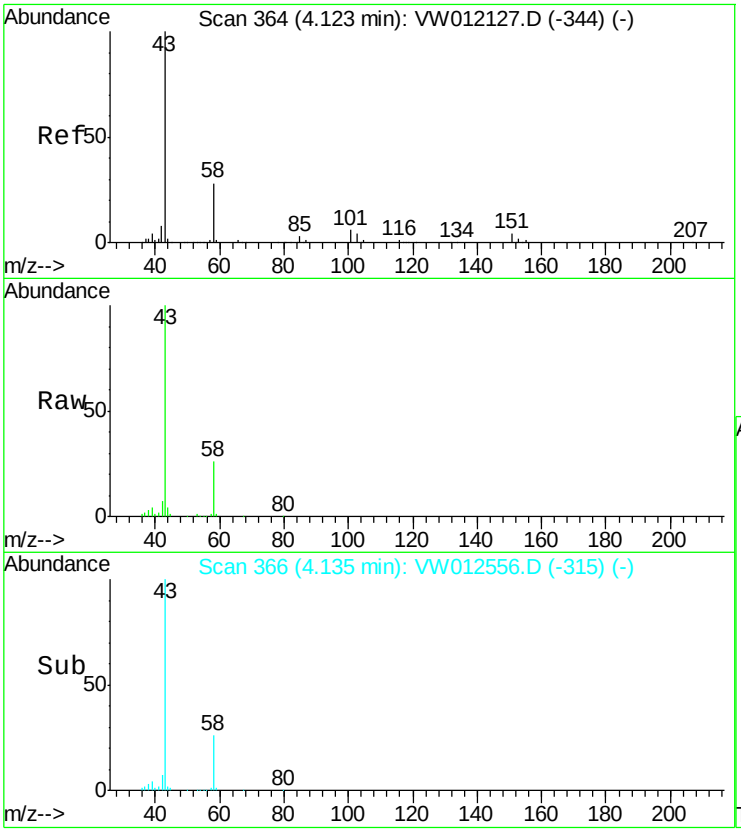


#8
Diethyl Ether
Concen: 3.182 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion: 74 Resp: 4152

Ion	Ratio	Lower	Upper
74	100		
45	115.2	59.2	177.6



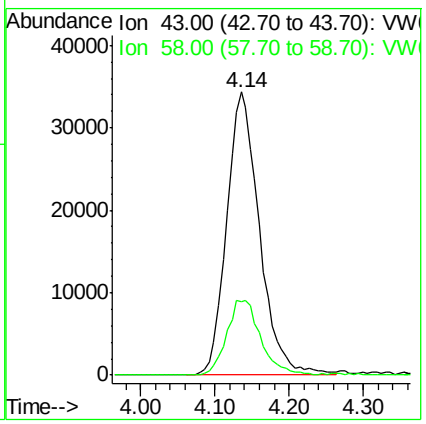


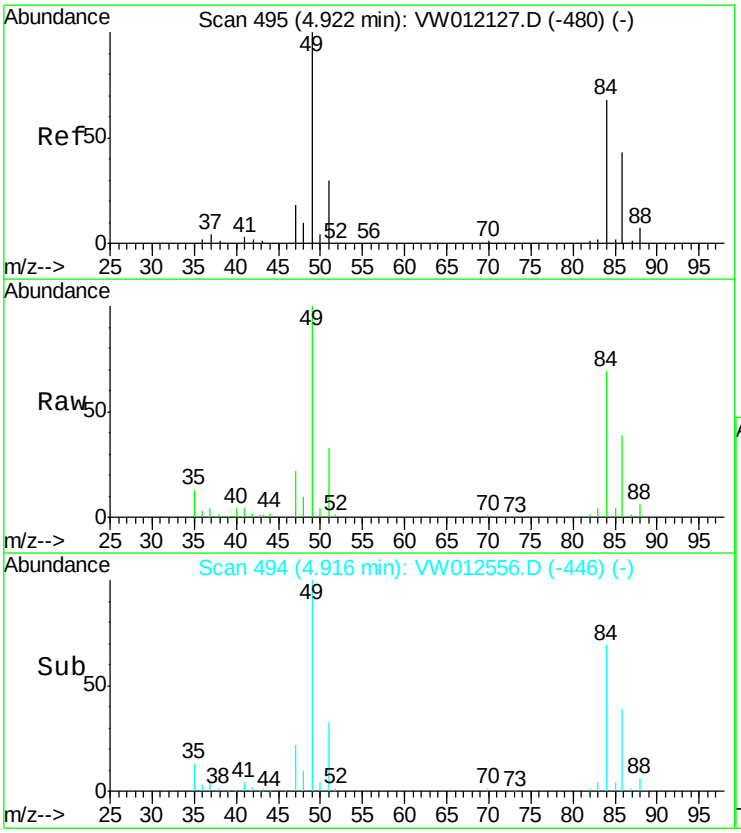
#16
Acetone
Concen: 148.600 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion: 43 Resp: 105878

Ion	Ratio	Lower	Upper
43	100		
58	25.8	22.4	33.6

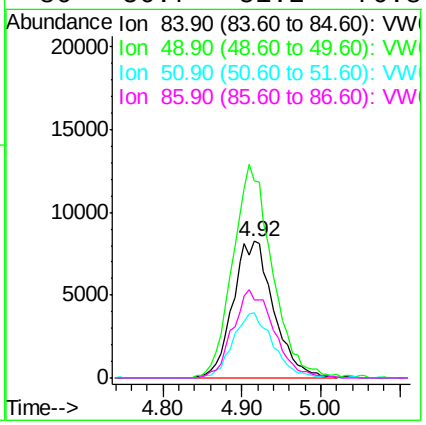


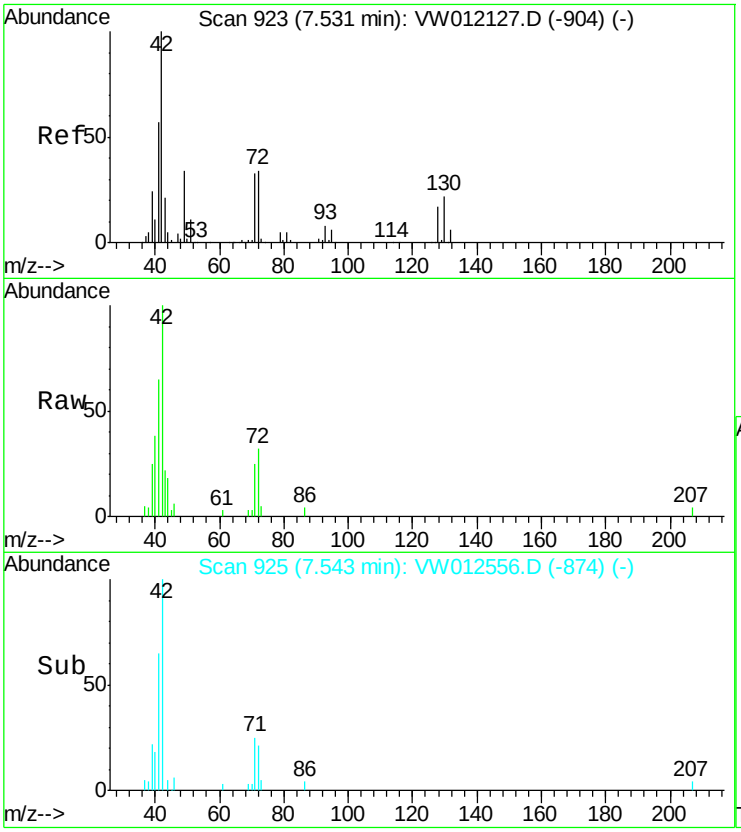


#20
Methylene Chloride
Concen: 11.013 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion: 84 Resp: 29665

Ion	Ratio	Lower	Upper
84	100		
49	144.4	117.8	176.8
51	47.7	35.6	53.4
86	56.7	51.2	76.8



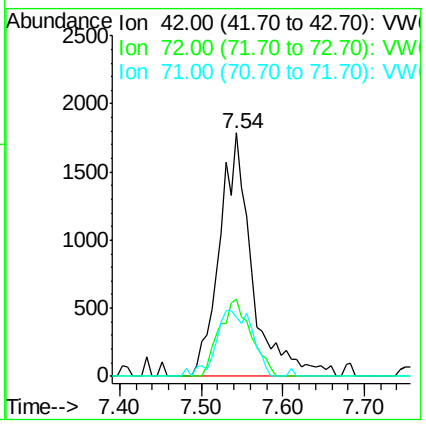


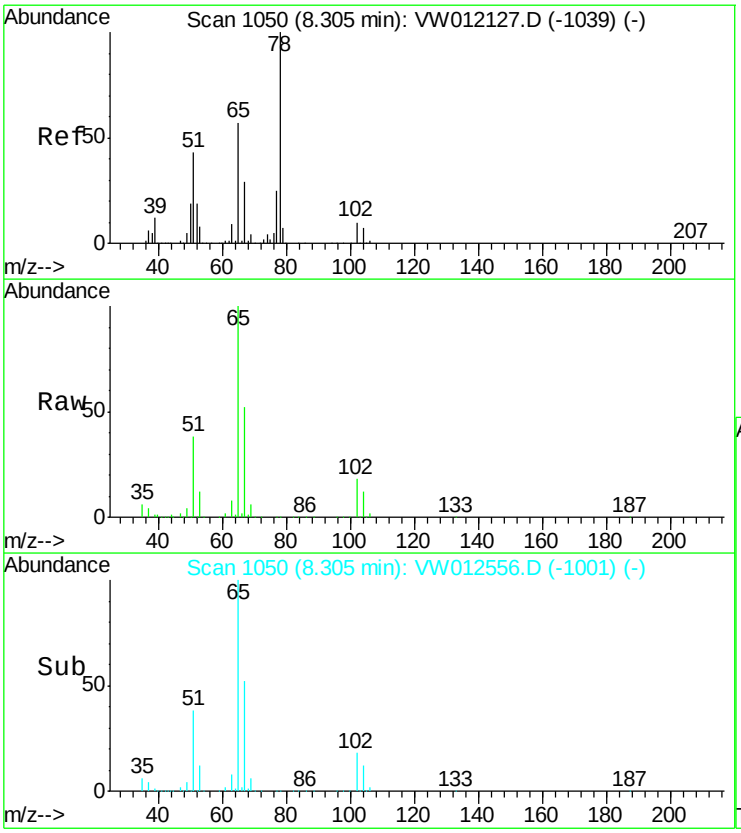
#29
Tetrahydrofuran
Concen: 8.509 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion: 42 Resp: 4943

Ion	Ratio	Lower	Upper
42	100		
72	31.1	27.3	40.9
71	30.3	25.5	38.3

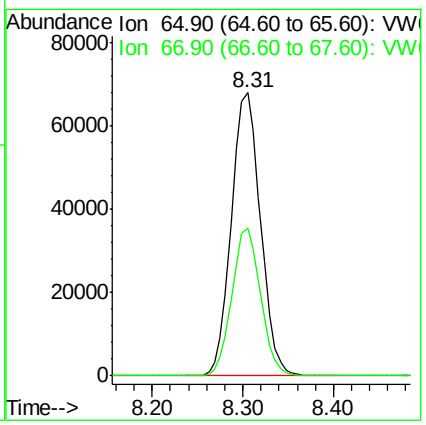


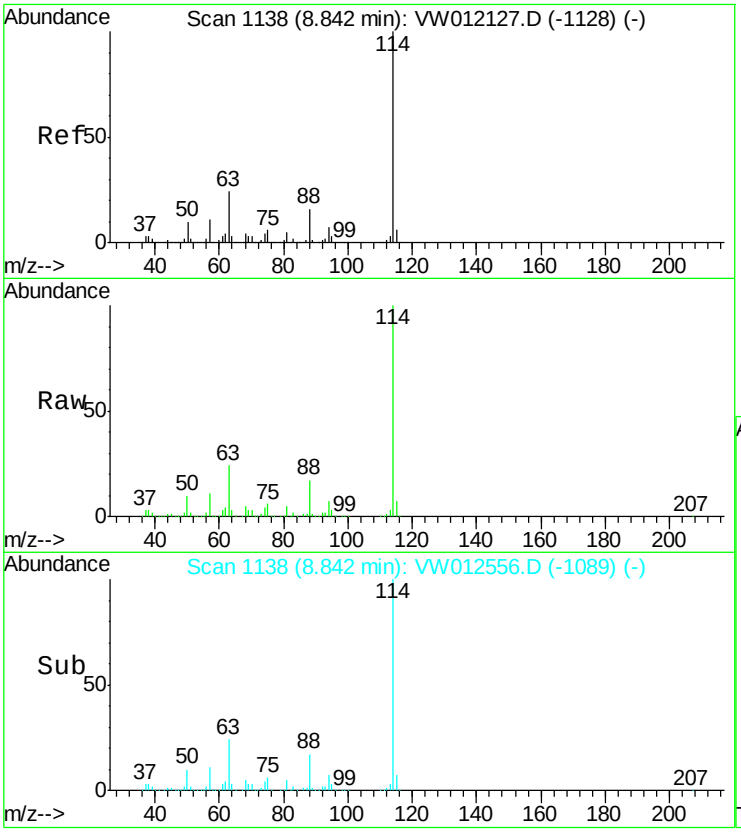


#33
1,2-Dichloroethane-d4
Concen: 54.443 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion: 65 Resp: 151752

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6



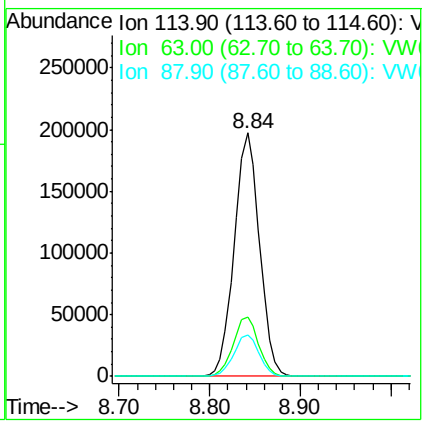


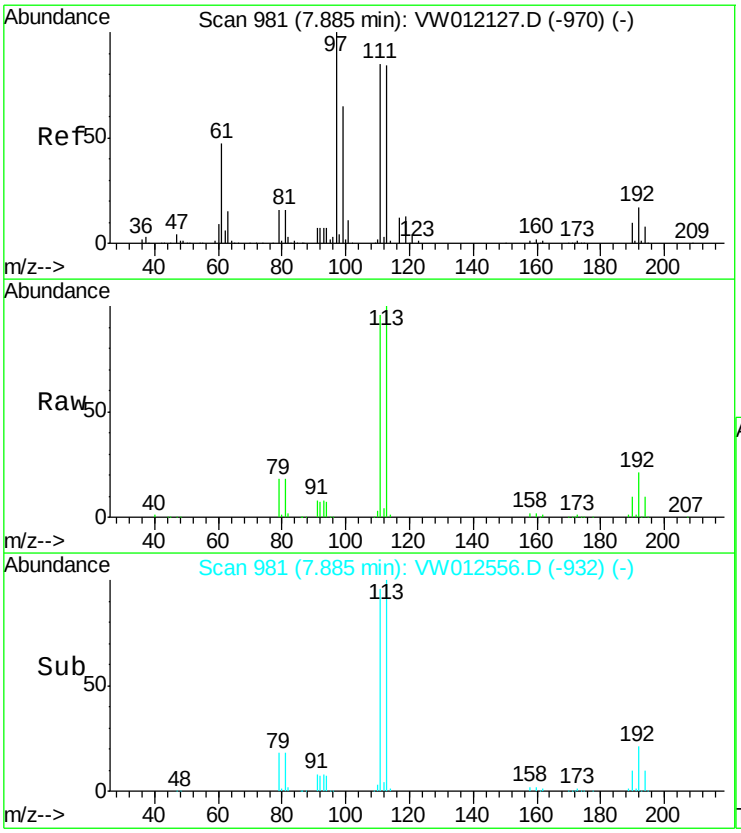
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion:114 Resp: 380801

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	48.6
88	17.0	0.0	32.2

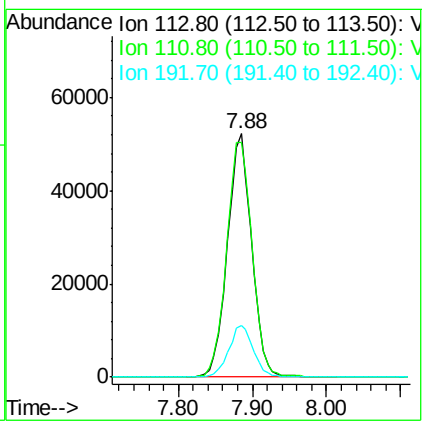


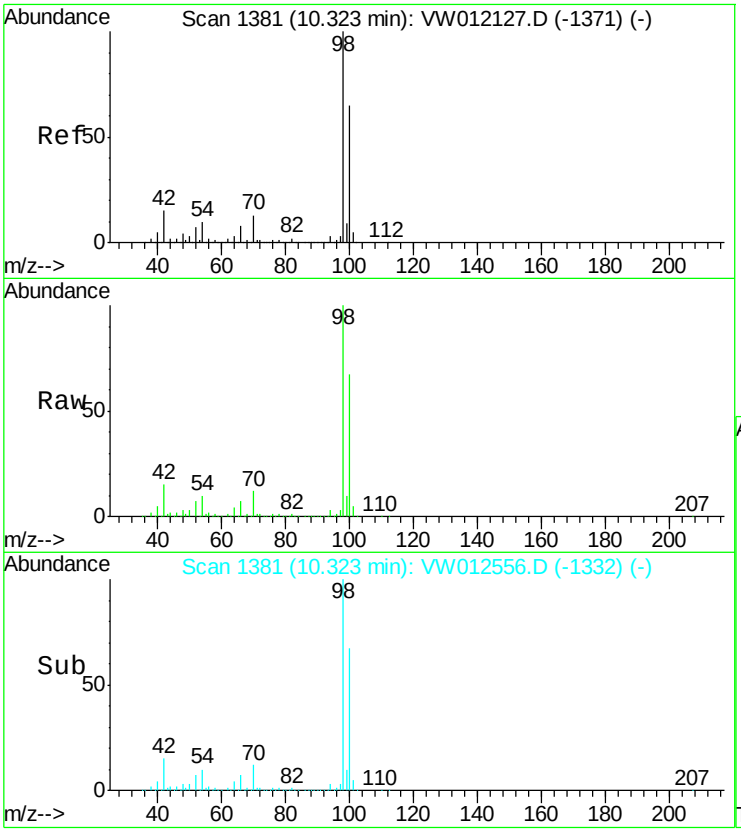


#35
Dibromofluoromethane
Concen: 52.252 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion:113 Resp: 118770

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.7	124.1
192	21.5	16.2	24.2



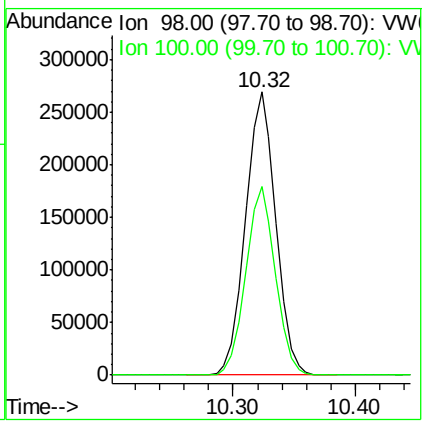


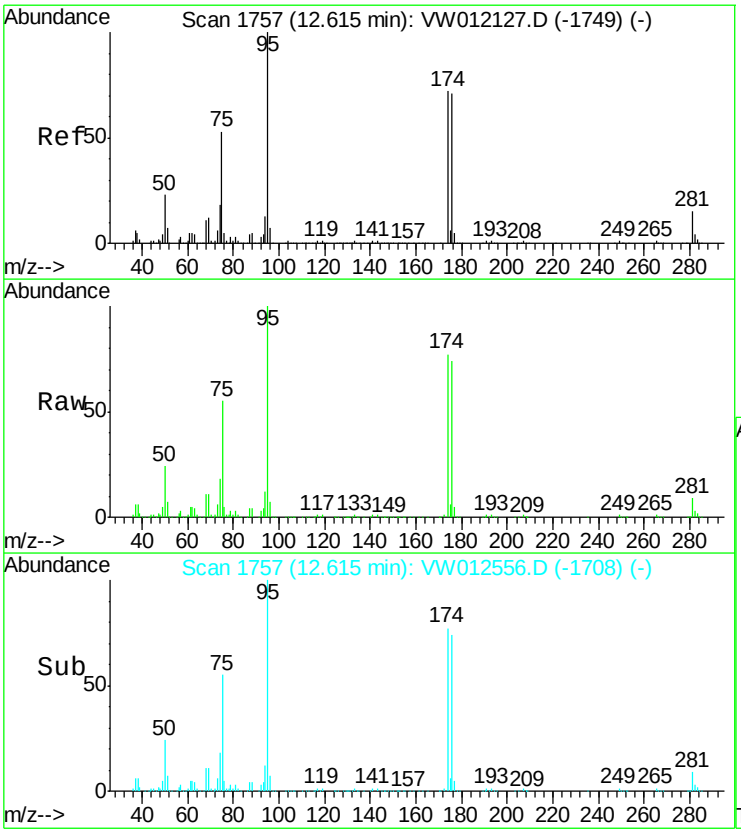
#50
Toluene-d8
Concen: 50.249 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion: 98 Resp: 463116

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

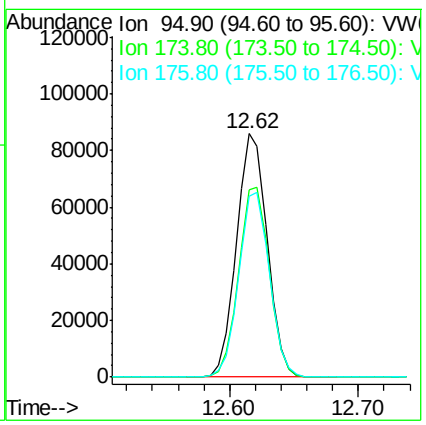


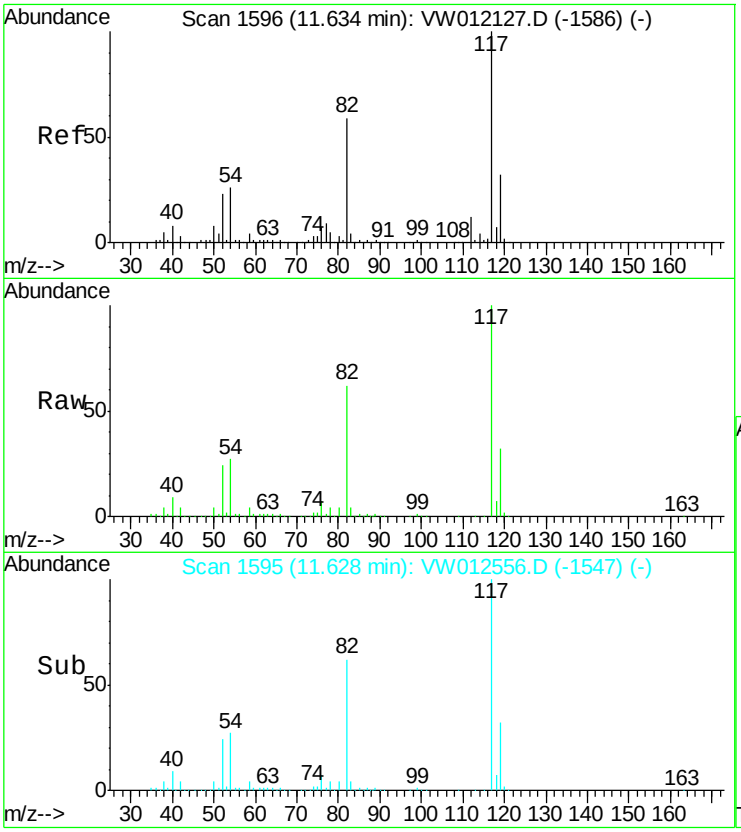


#62
4-Bromofluorobenzene
Concen: 43.545 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion: 95 Resp: 141467

Ion	Ratio	Lower	Upper
95	100		
174	78.0	0.0	150.8
176	75.6	0.0	148.6



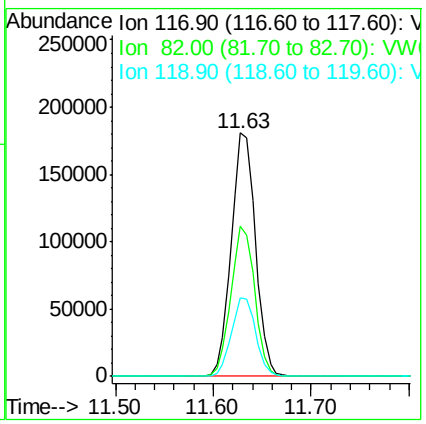


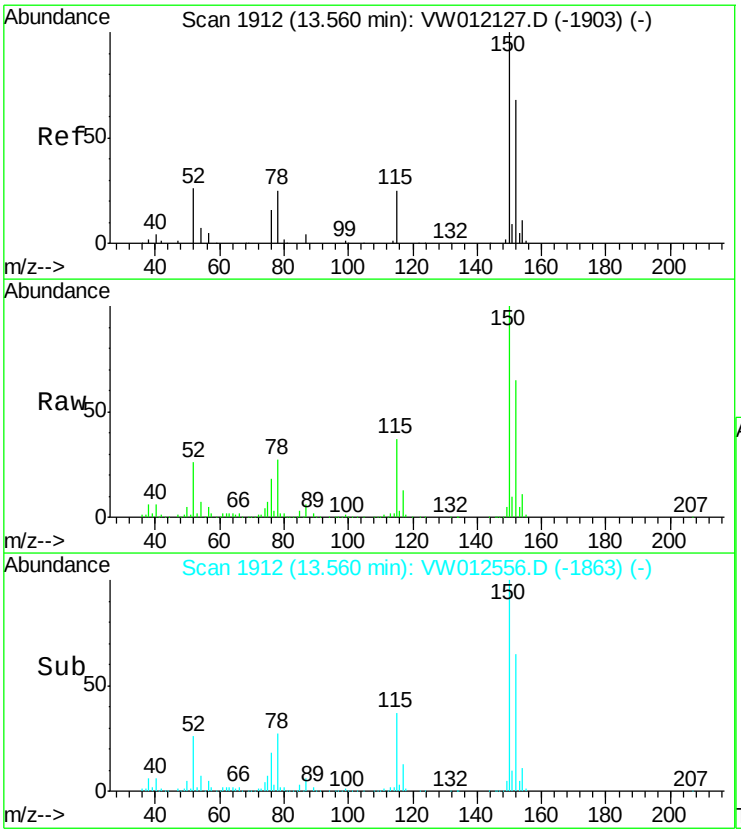
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Instrument :
MSVOA_W
ClientSampleId :
S400-K1-2.0-2.5-082619

Tgt Ion:117 Resp: 311202

Ion	Ratio	Lower	Upper
117	100		
82	61.5	47.4	71.2
119	32.3	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012556.D
Acq: 03 Sep 2019 19:21

Tgt Ion:152 Resp: 114621

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.3
150	155.8	0.0	345.8