Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081919\
Data File : VX011628.D
Acq On : 19 Aug 2019 13:45
Operator : JC/SP
Sample : K4351-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PH2-0135

Quant Time: Aug 20 10:37:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	429340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	258989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	207149	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.06%			
35) Dibromofluoromethane	5.49	113	175648	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.28%			
50) Toluene-d8	8.71	98	676599	55.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.60%			
62) 4-Bromofluorobenzene	11.13	95	235401	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.00%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.46	83	4803	0.765	ug/l	92
52) Toluene	8.79	92	2263	0.225	ug/l	77
67) Ethyl Benzene	10.25	91	17443	0.941	ug/l	95
68) m/p-Xylenes	10.35	106	26045	3.660	ug/l	95
69) o-Xylene	10.69	106	2635	0.378	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	6277	0.443	ug/l	97

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

Quantitation Report (QT Reviewed)

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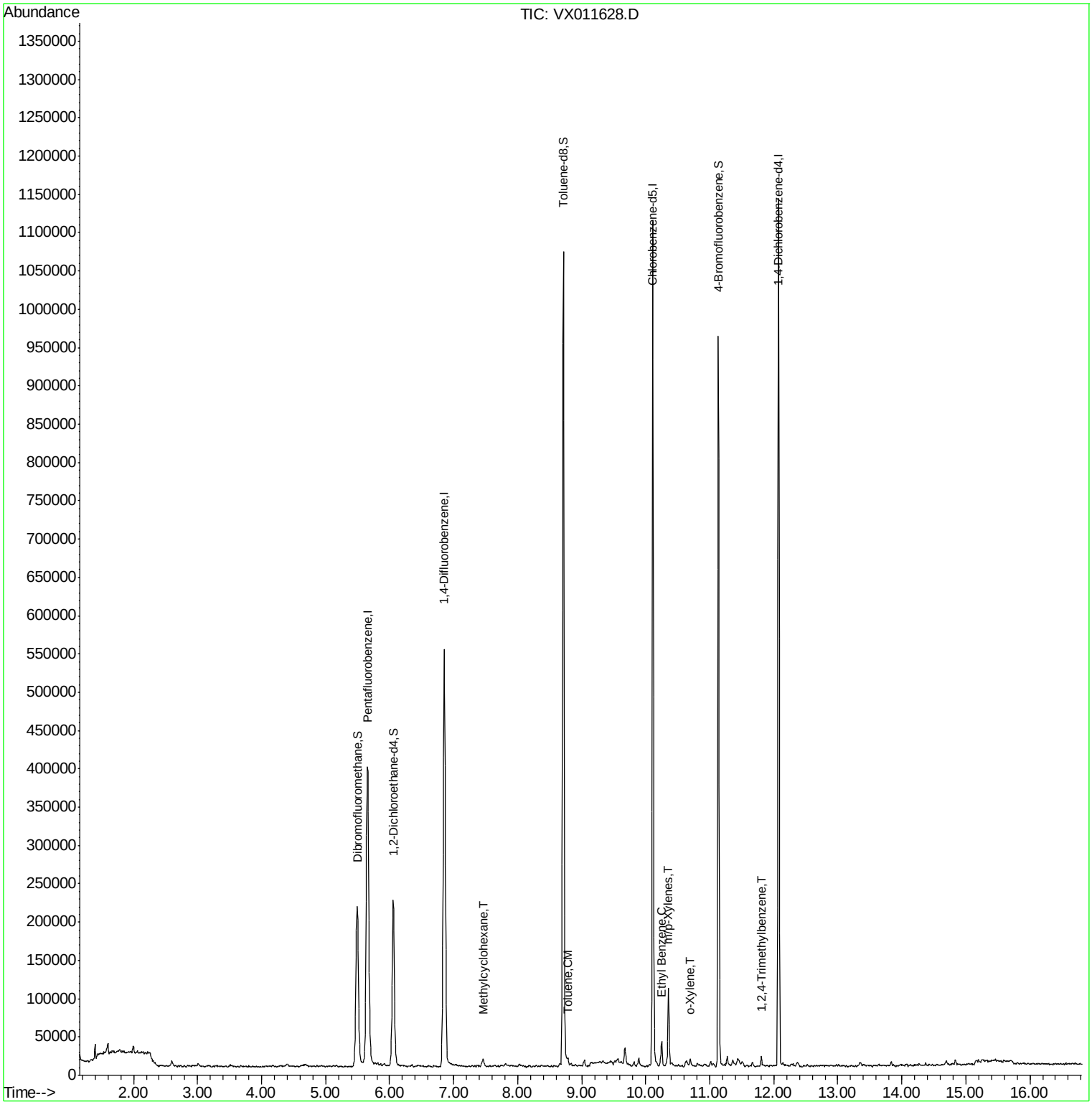
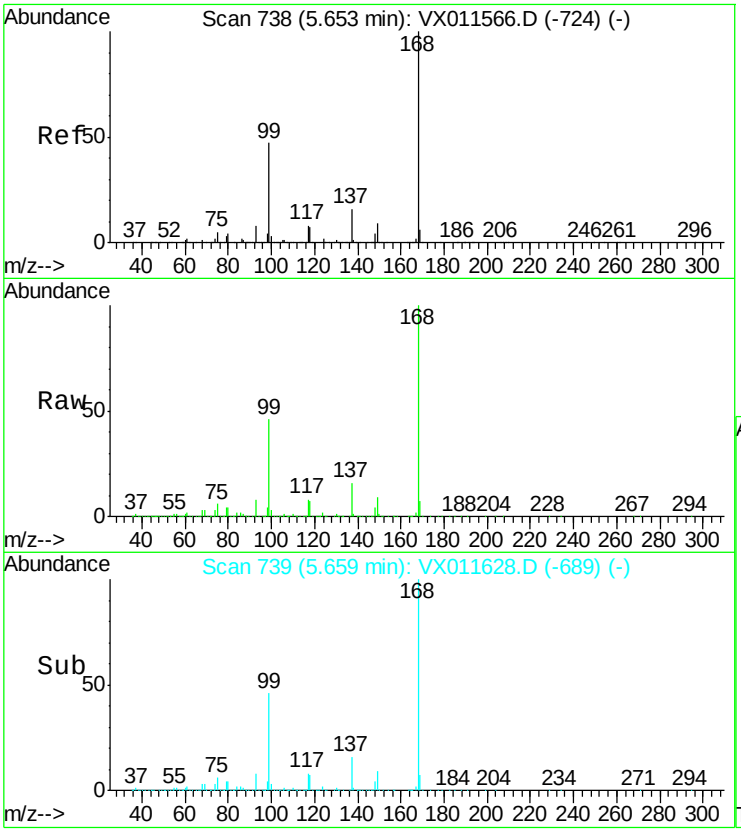


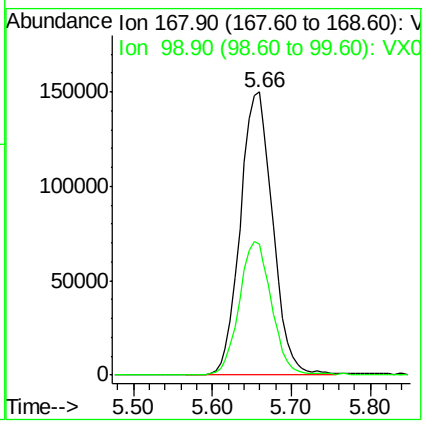


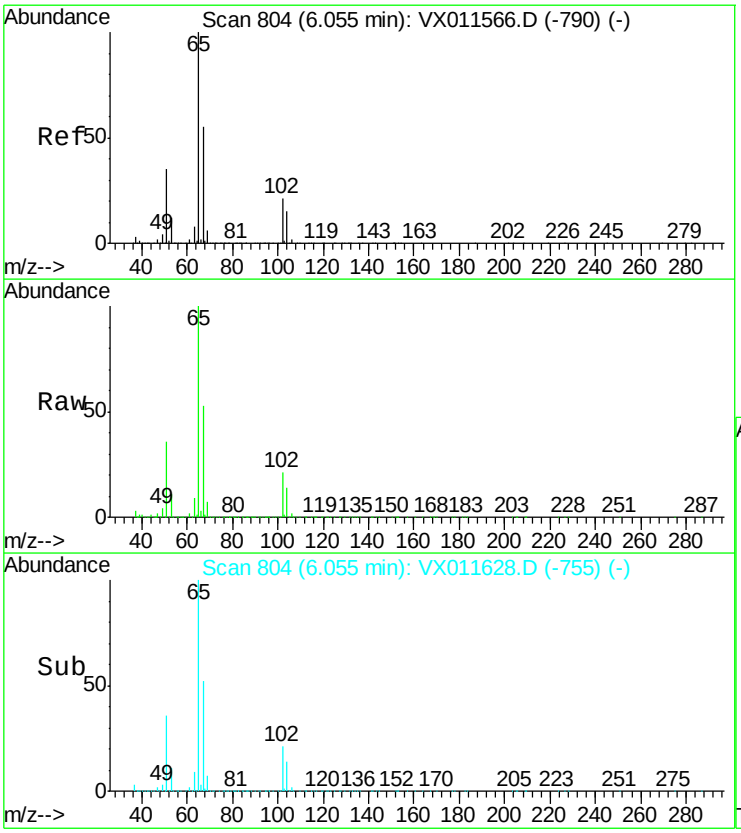
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
PH2-0135

Tgt Ion:168 Resp: 429340

Ion	Ratio	Lower	Upper
168	100		
99	46.4	37.3	55.9

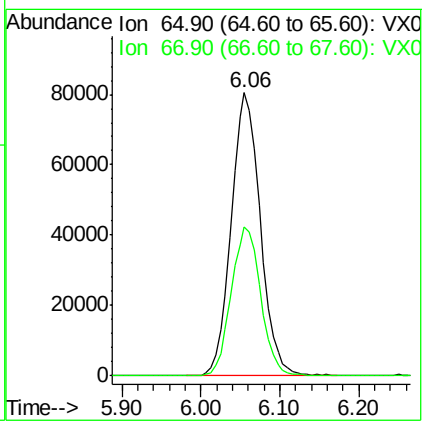


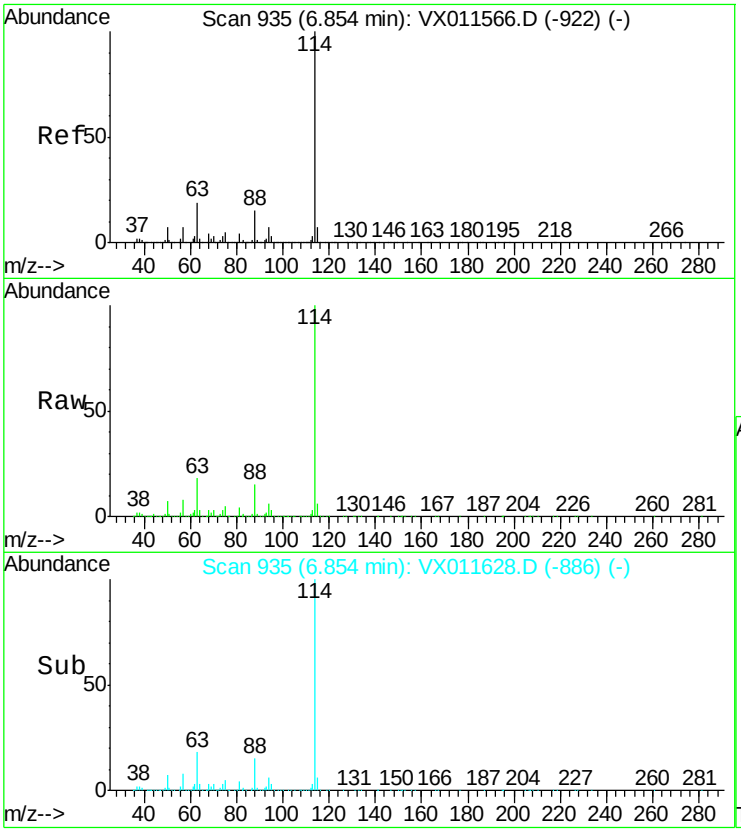


#33
1,2-Dichloroethane-d4
Concen: 52.027 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion: 65 Resp: 207149

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.6



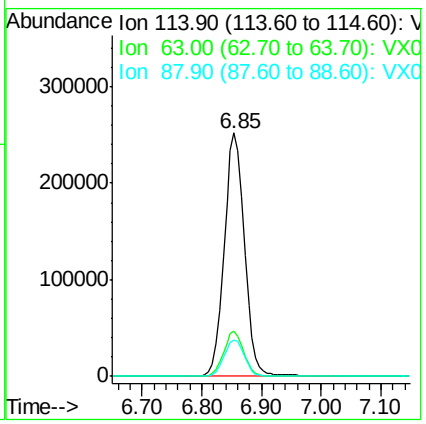


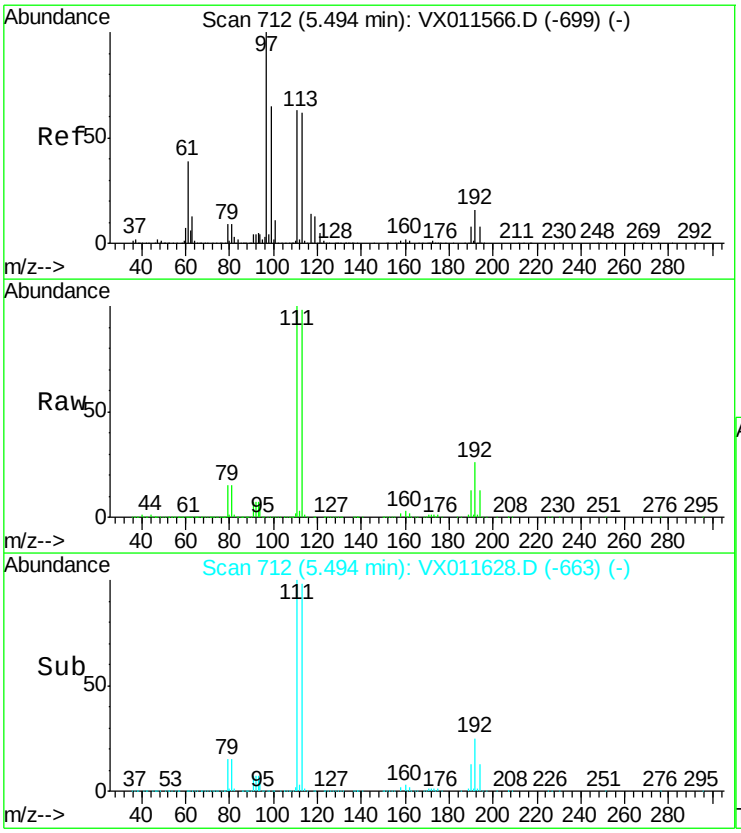
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
PH2-0135

Tgt Ion:114 Resp: 594959

Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	15.0	0.0	30.2

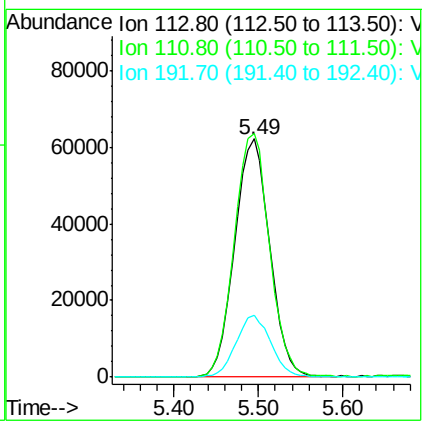


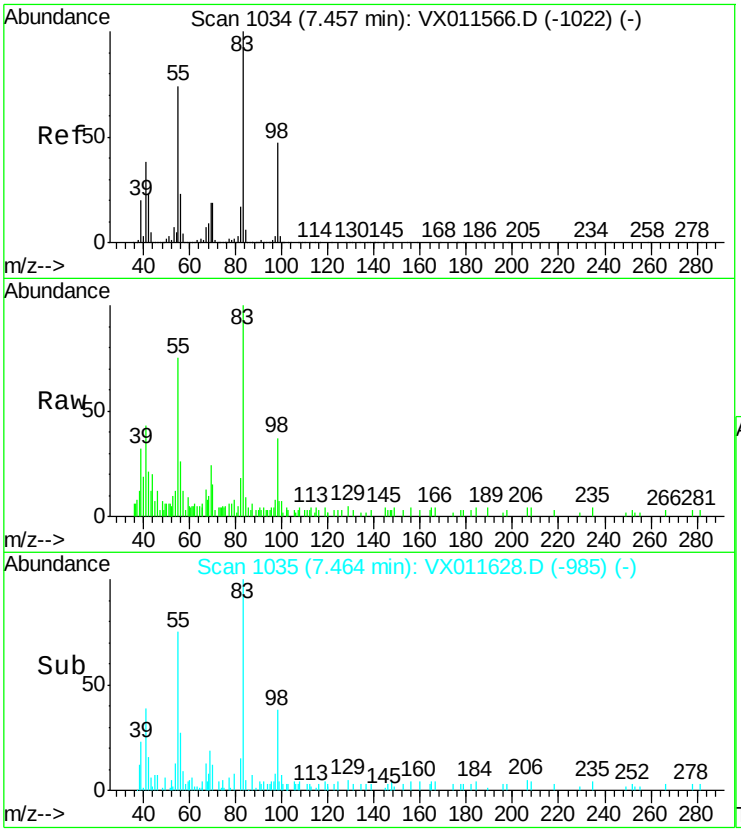


#35
Dibromofluoromethane
Concen: 45.137 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion:113 Resp: 175648

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.1	121.7
192	25.9	20.8	31.2



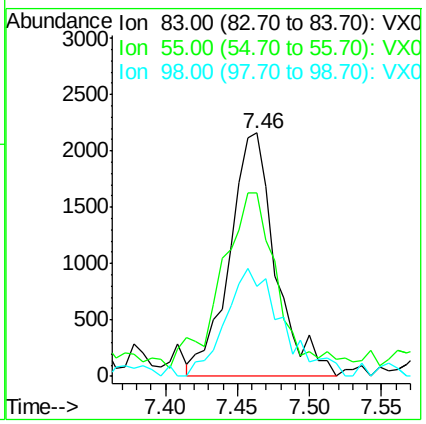


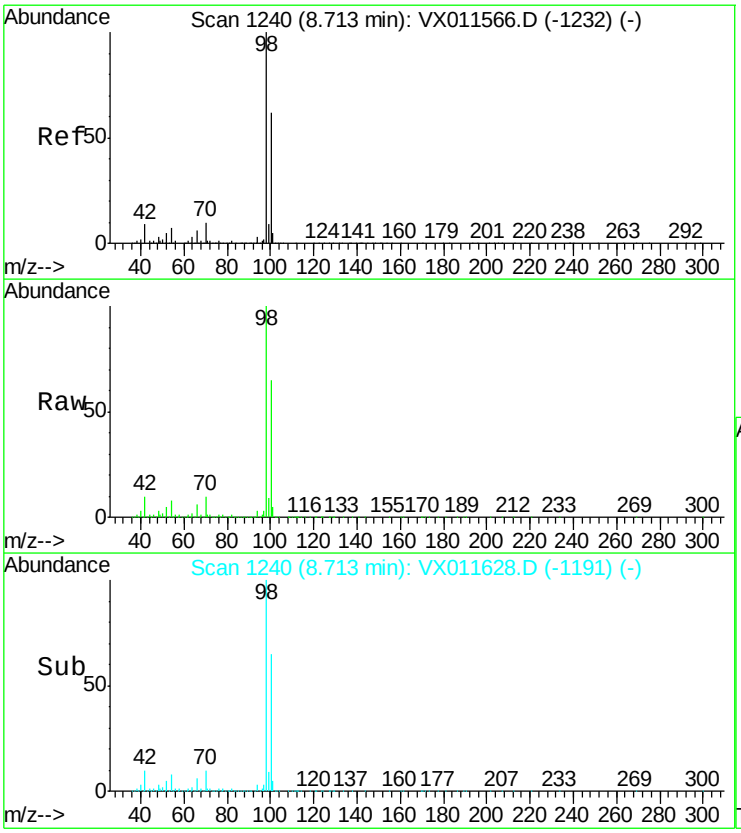
#39
Methylcyclohexane
Concen: 0.765 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument : MSVOA_X
ClientSampleId : PH2-0135

Tgt Ion: 83 Resp: 4803

Ion	Ratio	Lower	Upper
83	100		
55	70.2	58.8	88.2
98	38.1	37.8	56.6

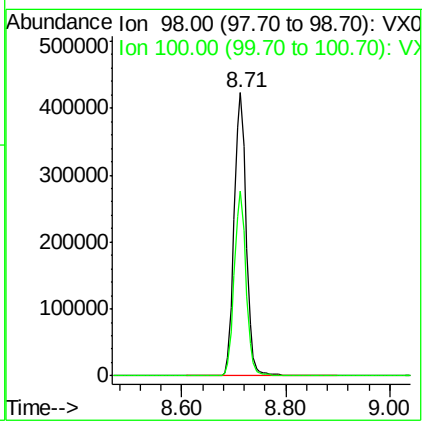


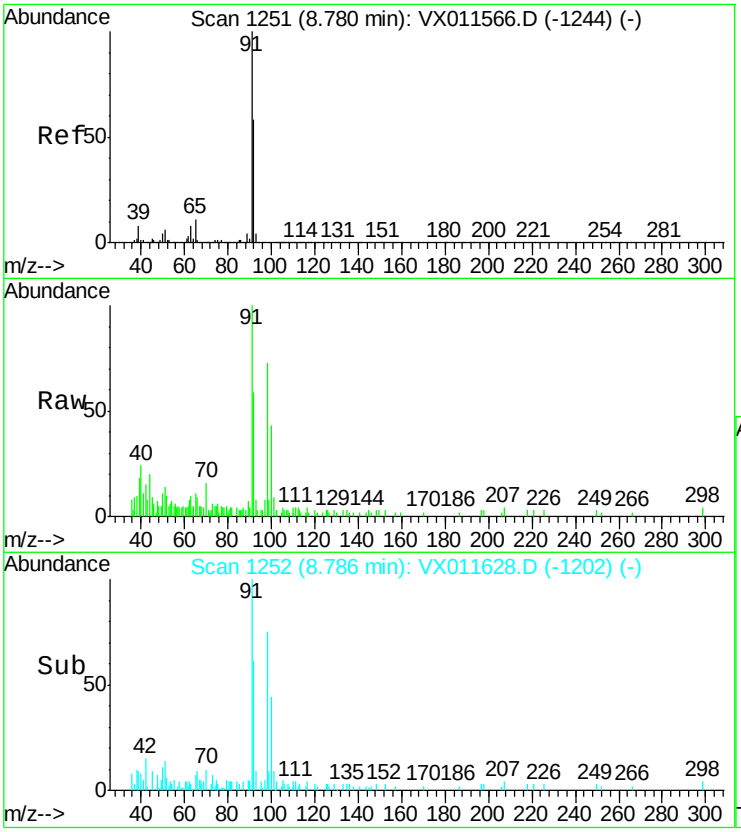


#50
Toluene-d8
Concen: 55.801 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion: 98 Resp: 676599

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6



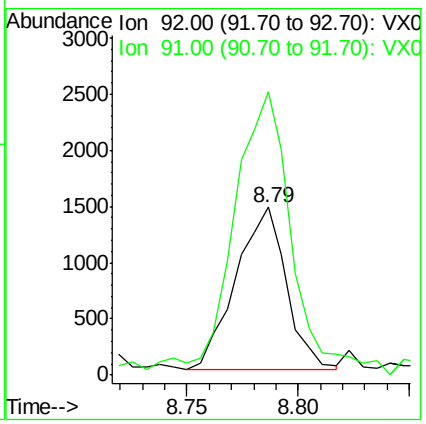


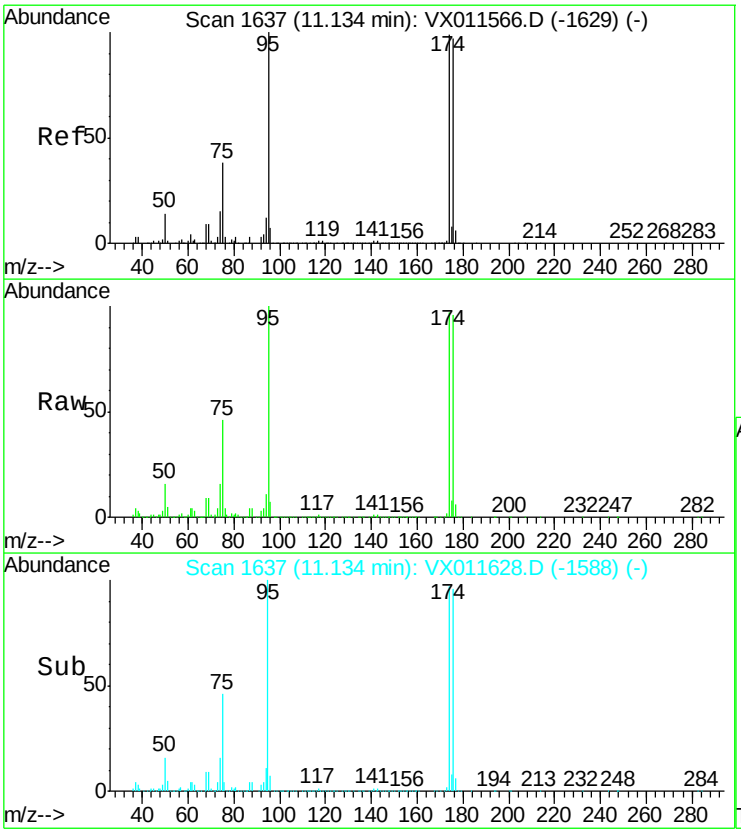
#52
Toluene
Concen: 0.225 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
PH2-0135

Tgt Ion: 92 Resp: 2263

Ion	Ratio	Lower	Upper
92	100		
91	204.9	138.0	207.0

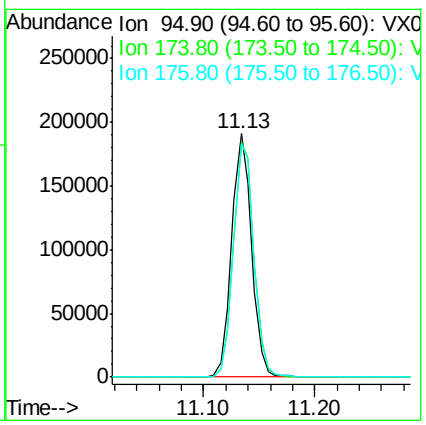


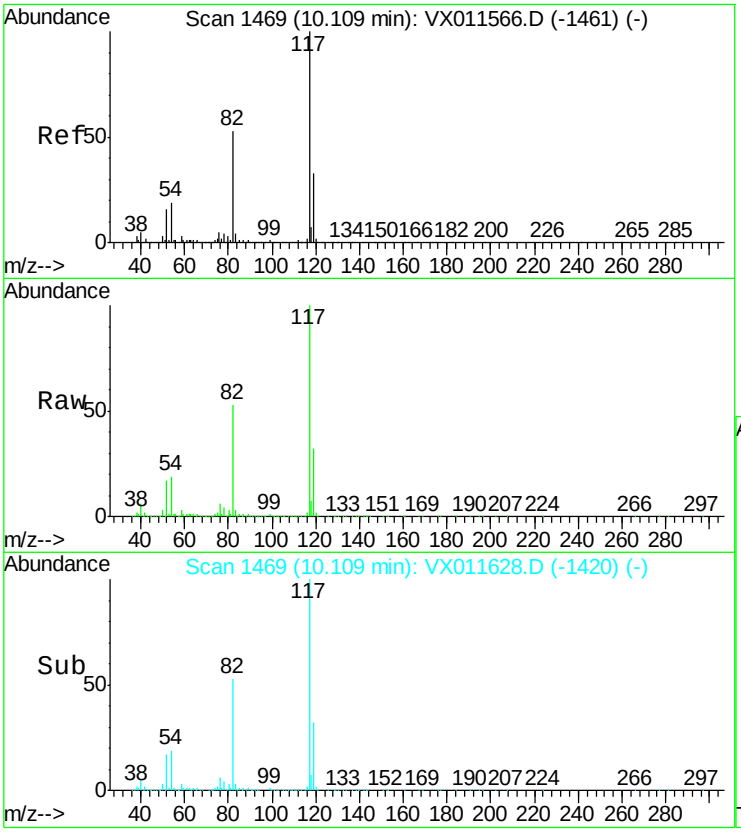


#62
4-Bromofluorobenzene
Concen: 45.996 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion: 95 Resp: 235401

Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	200.6
176	98.0	0.0	196.6



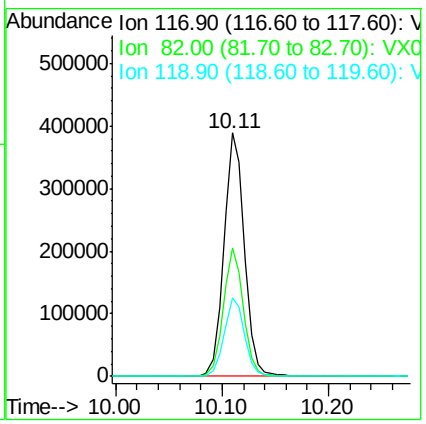


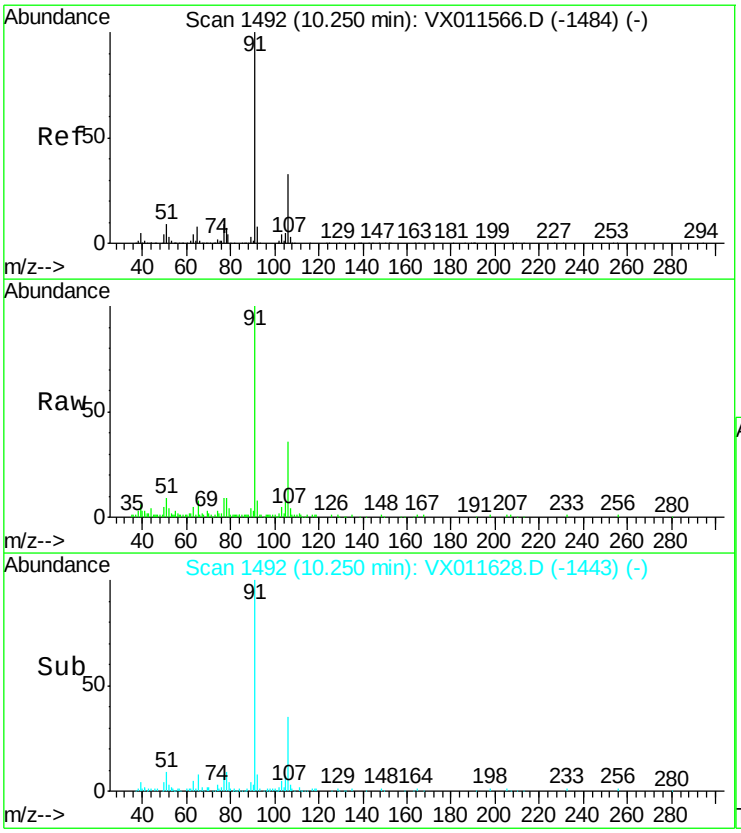
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument : MSVOA_X
ClientSampleId : PH2-0135

Tgt Ion:117 Resp: 520787

Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.0	63.0
119	32.2	26.5	39.7

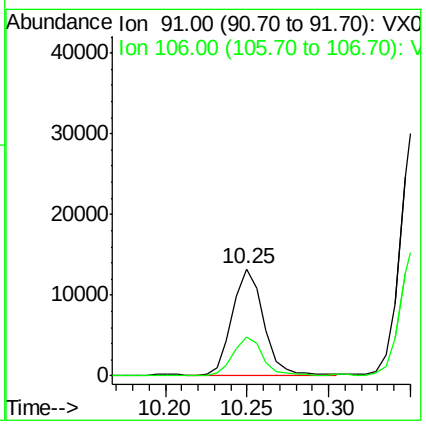


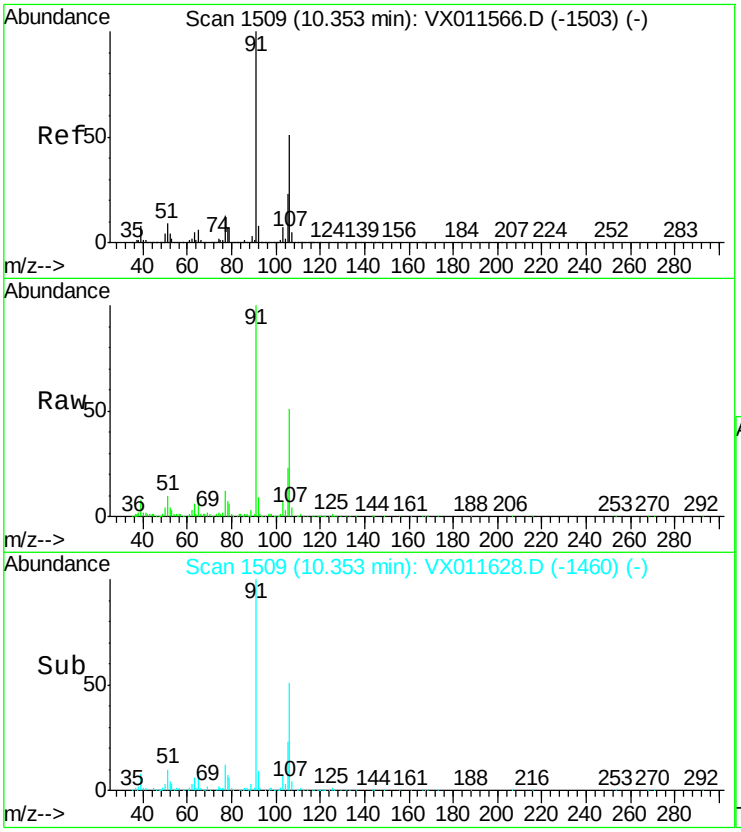


#67
Ethyl Benzene
Concen: 0.941 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion: 91 Resp: 17443

Ion	Ratio	Lower	Upper
91	100		
106	35.3	26.0	39.0



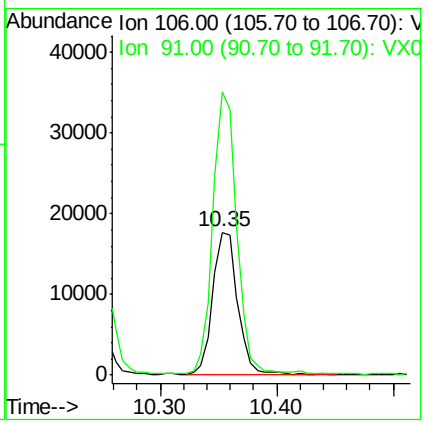


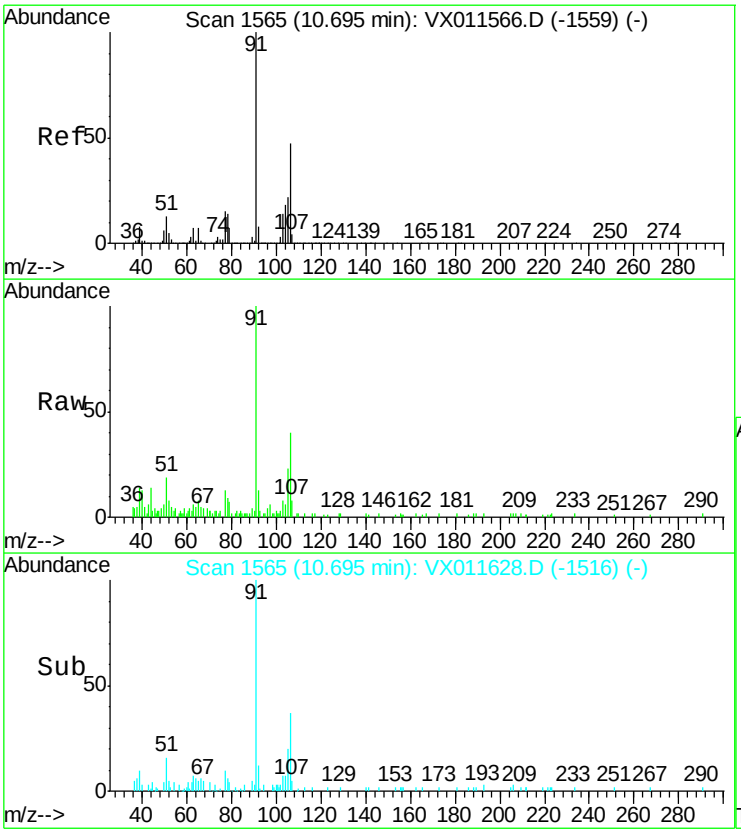
#68
m/p-Xylenes
Concen: 3.660 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument :
MSVOA_X
ClientSampleId :
PH2-0135

Tgt Ion:106 Resp: 26045

Ion	Ratio	Lower	Upper
106	100		
91	188.1	156.0	234.0

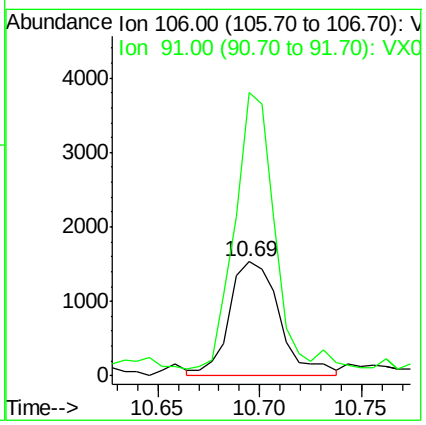


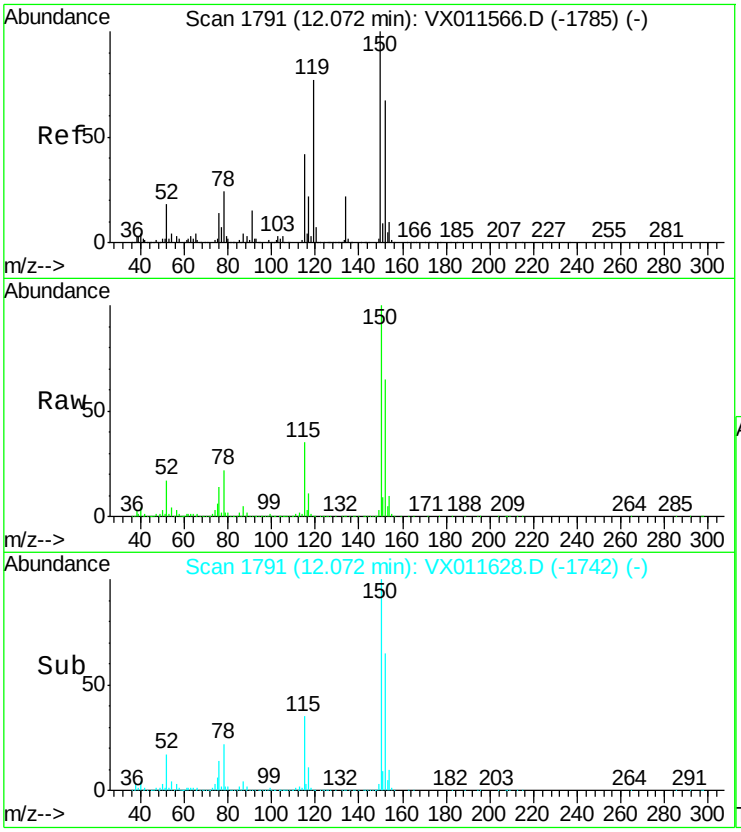


#69
o-Xylene
Concen: 0.378 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion:106 Resp: 2635

Ion	Ratio	Lower	Upper
106	100		
91	191.7	105.5	316.4



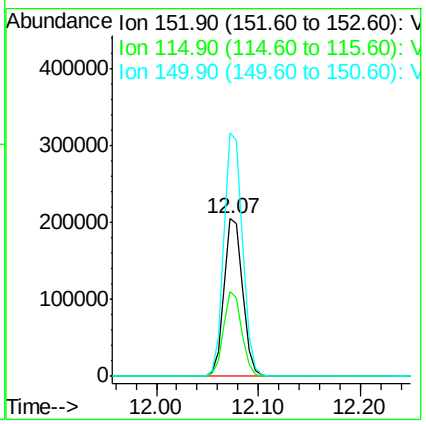


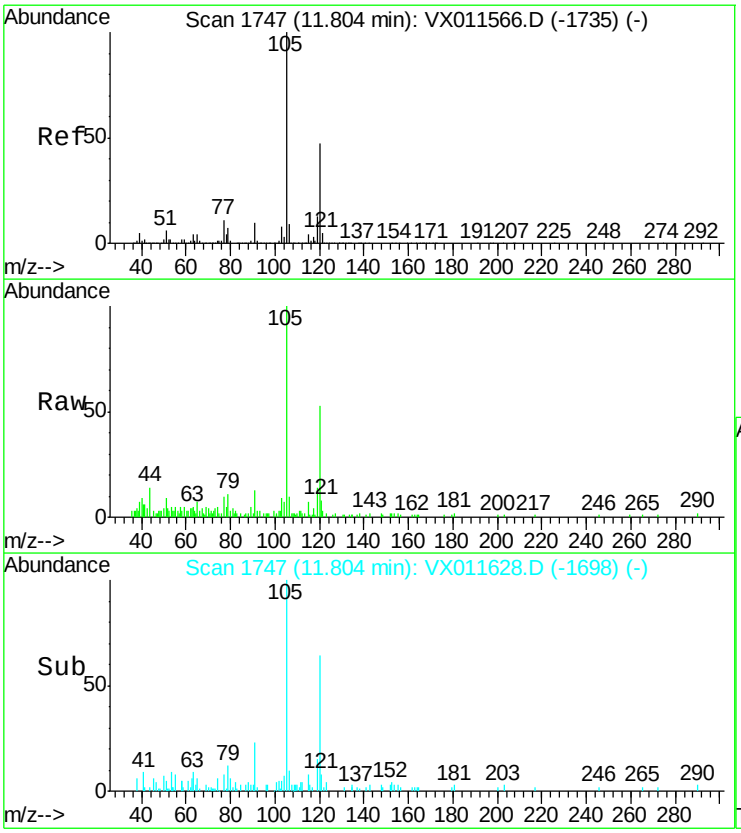
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Instrument : MSVOA_X
ClientSampleId : PH2-0135

Tgt Ion:152 Resp: 258989

Ion	Ratio	Lower	Upper
152	100		
115	52.8	37.3	111.9
150	155.0	0.0	346.2





#84
1,2,4-Trimethylbenzene
Concen: 0.443 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011628.D
Acq: 19 Aug 2019 13:45

Tgt Ion:105 Resp: 6277

Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.3	69.9