Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011692.D
Acq On : 20 Aug 2019 18:09
Operator : JC/SP
Sample : K4351-09DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PH2-0138DL

Quant Time: Aug 21 08:37:19 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	5.65	168	425450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	564511	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	485149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	255905	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	199840	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.30%			
35) Dibromofluoromethane	5.49	113	167202	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.56%			
50) Toluene-d8	8.71	98	629951	54.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.52%			
62) 4-Bromofluorobenzene	11.13	95	235894	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.16%			
Target Compounds						Qvalue
31) Cyclohexane	5.57	56	140360	23.993	ug/l	96
39) Methylcyclohexane	7.46	83	112575	18.887	ug/l	98
67) Ethyl Benzene	10.25	91	1669882	96.696	ug/l	99
68) m/p-Xylenes	10.35	106	858249	129.470	ug/l	98
69) o-Xylene	10.69	106	529494	81.545	ug/l	99
73) Isopropylbenzene	11.02	105	190214	11.455	ug/l	99
78) n-propylbenzene	11.36	91	117234	6.547	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	110625	7.931	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	171086	12.217	ug/l	100
95) Naphthalene	13.83	128	55968	3.117	ug/l	98

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

Quantitation Report (QT Reviewed)

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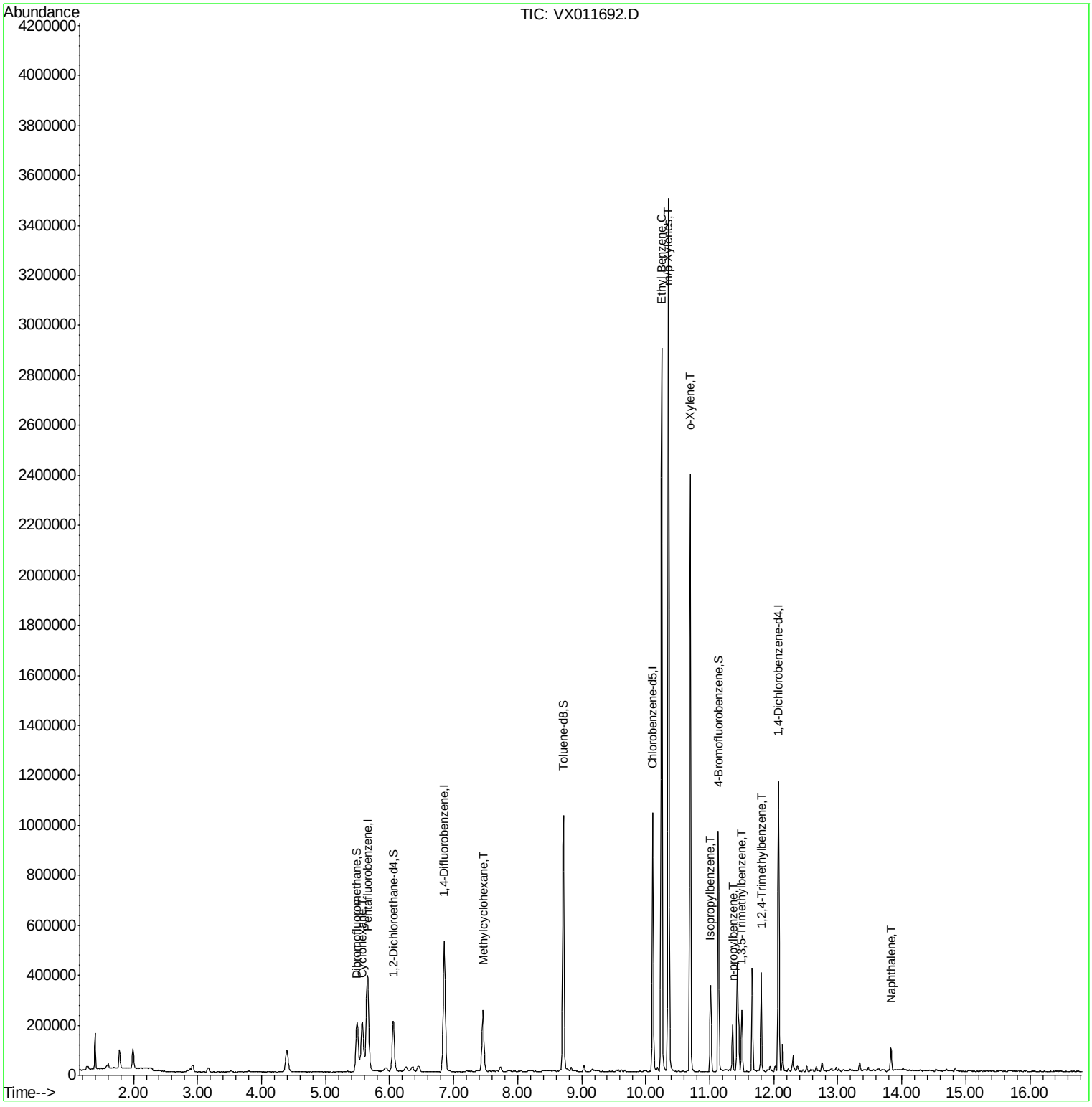
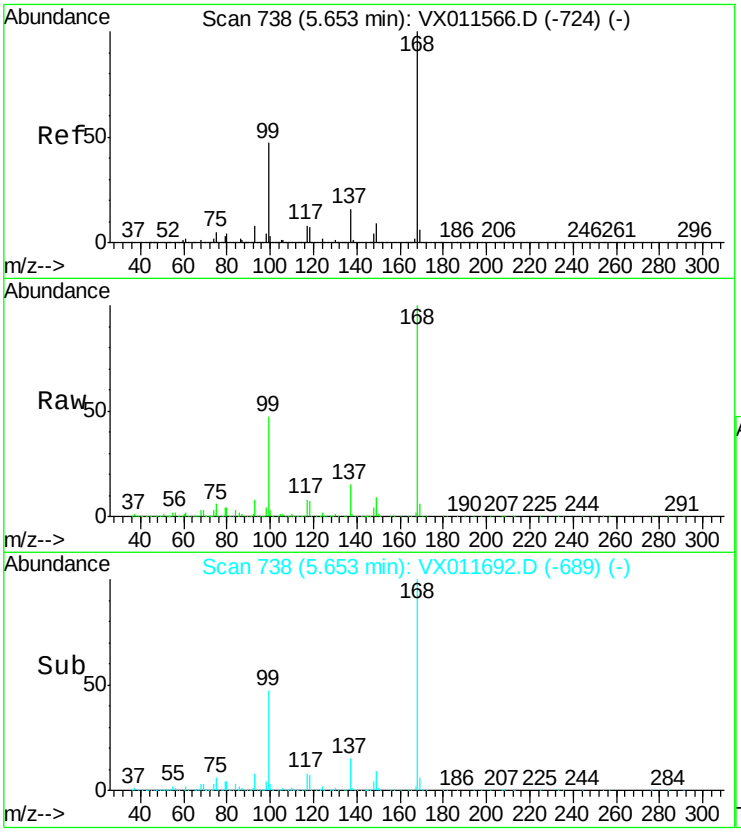
MSVOA_X
ClientSampleId :
PH2-0138DL

Quant Time: Aug 21 08:37:19 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



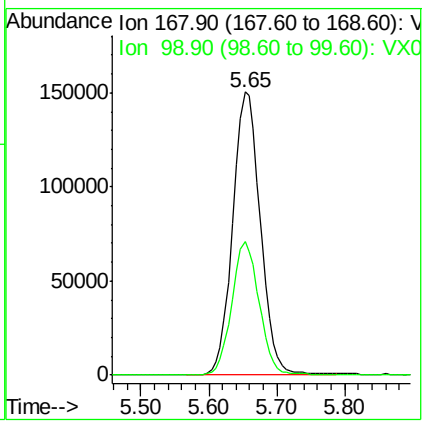


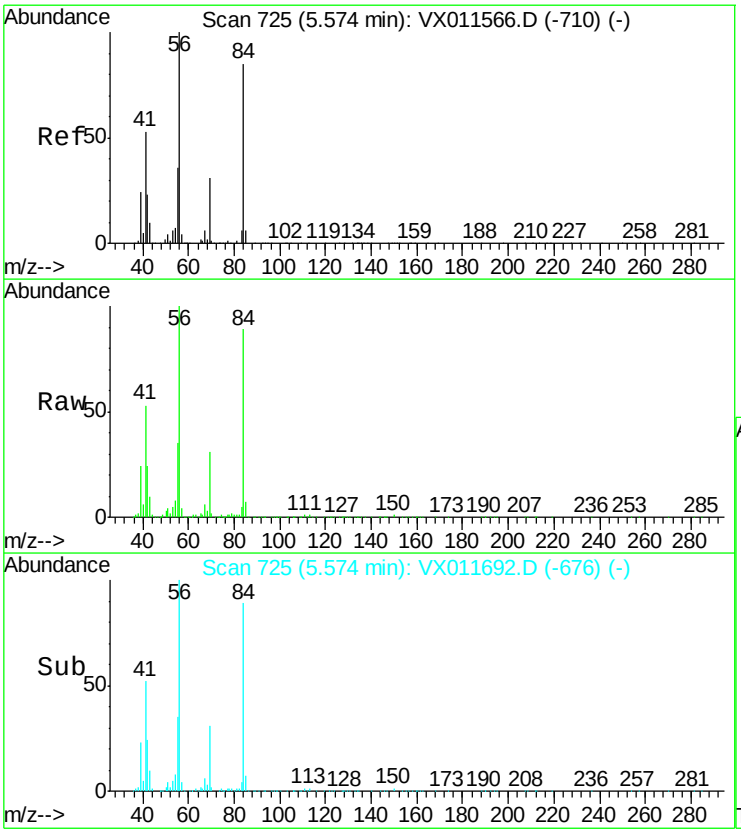
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument : MSVOA_X
ClientSampleId : PH2-0138DL

Tgt Ion:168 Resp: 425450

Ion	Ratio	Lower	Upper
168	100		
99	47.1	37.3	55.9

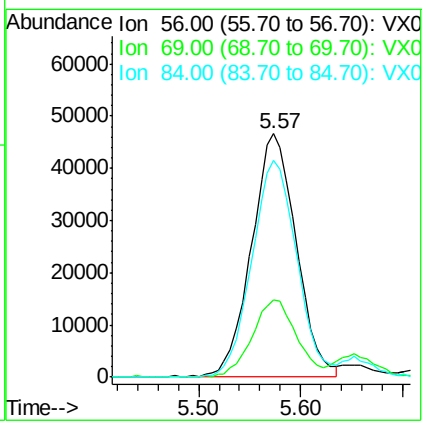


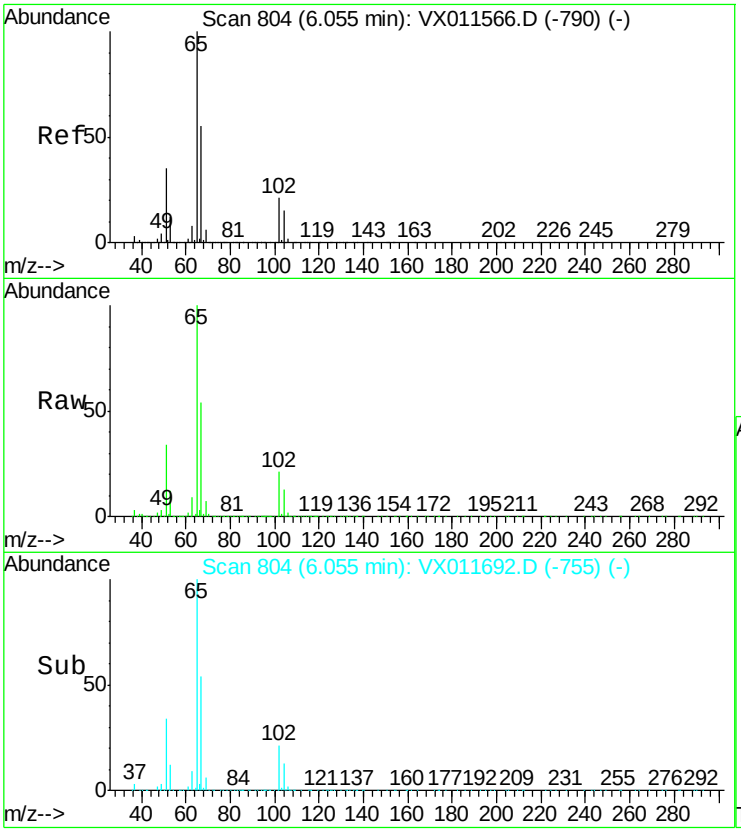


#31
Cyclohexane
Concen: 23.993 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 56 Resp: 140360

Ion	Ratio	Lower	Upper
56	100		
69	31.2	24.8	37.2
84	89.2	67.9	101.9



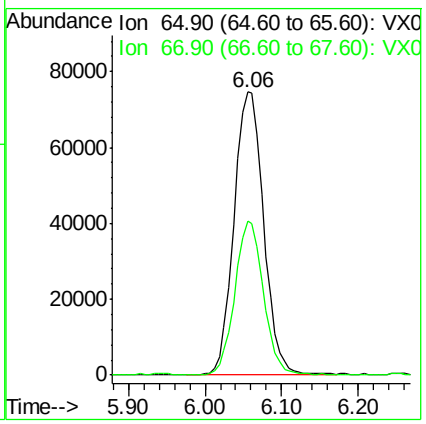


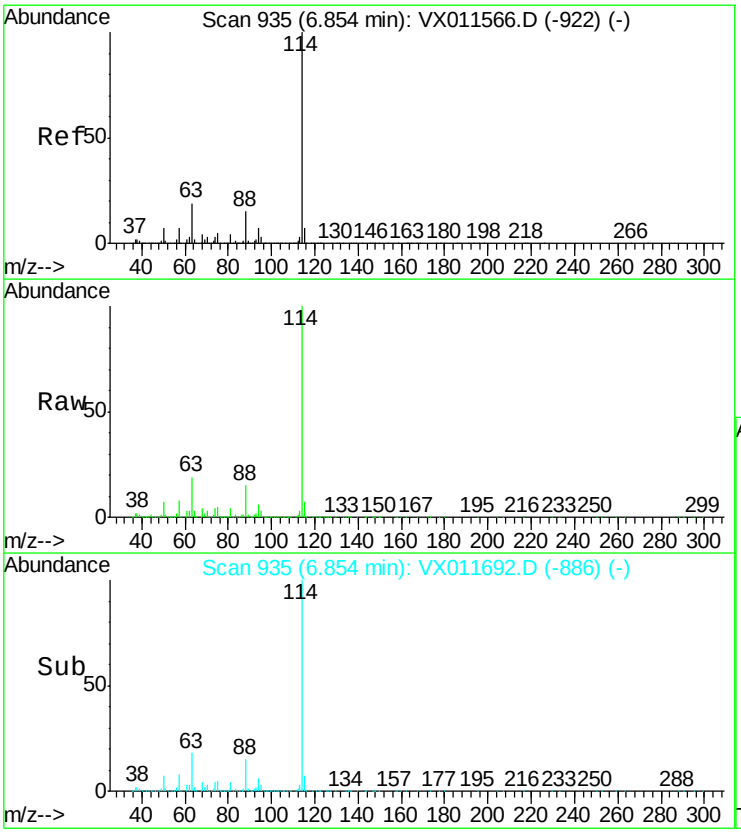
#33
1,2-Dichloroethane-d4
Concen: 50.651 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion: 65 Resp: 199840

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.6

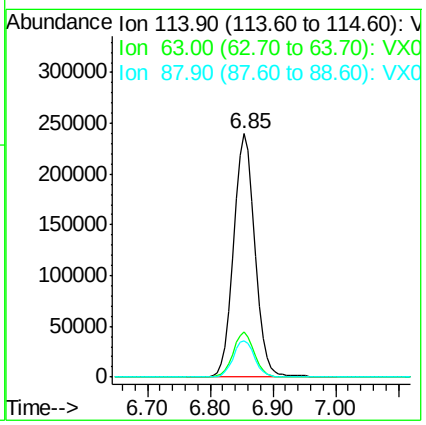


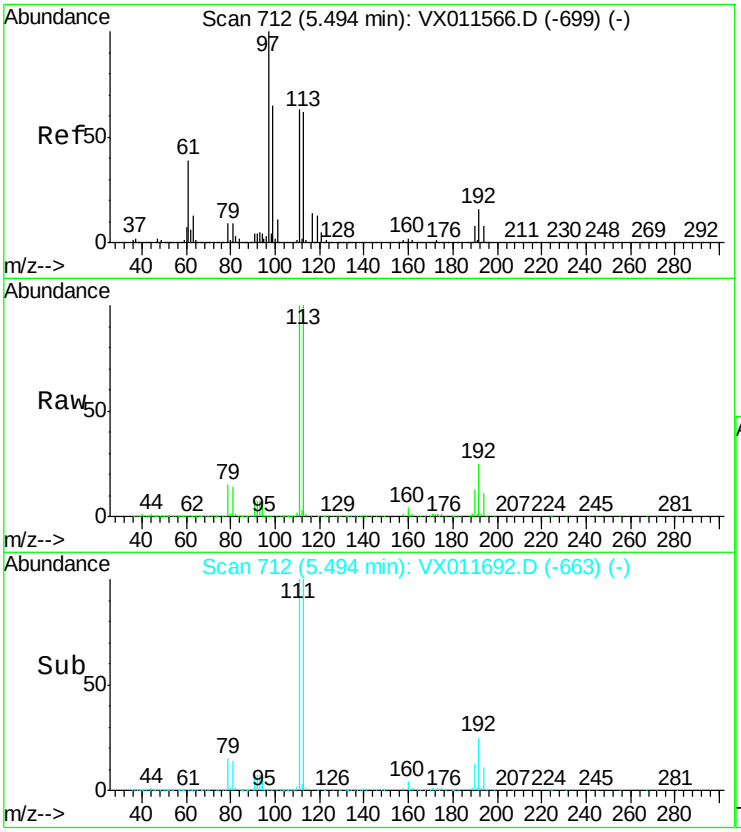


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:114 Resp: 564511

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



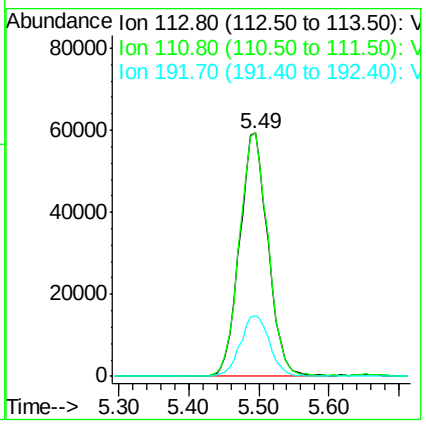


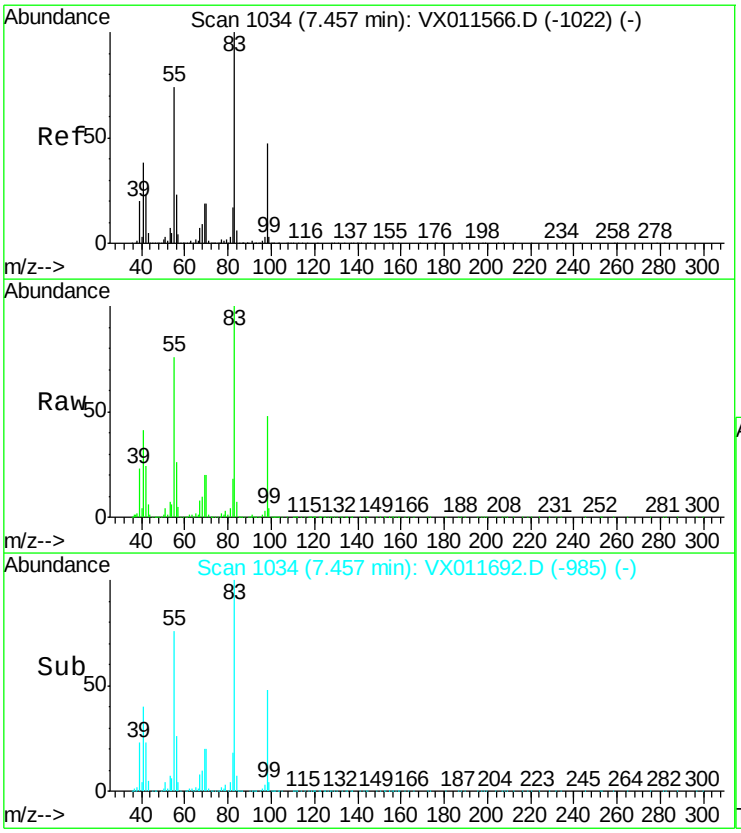
#35
Dibromofluoromethane
Concen: 45.284 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion:113 Resp: 167202

Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	25.8	20.8	31.2

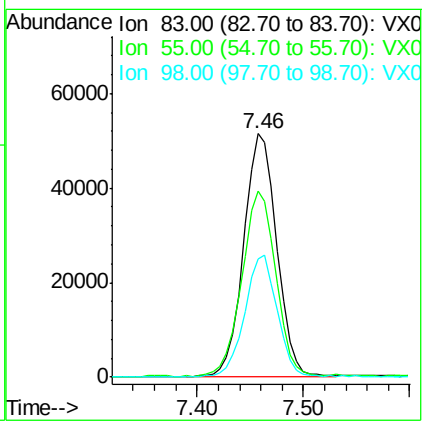


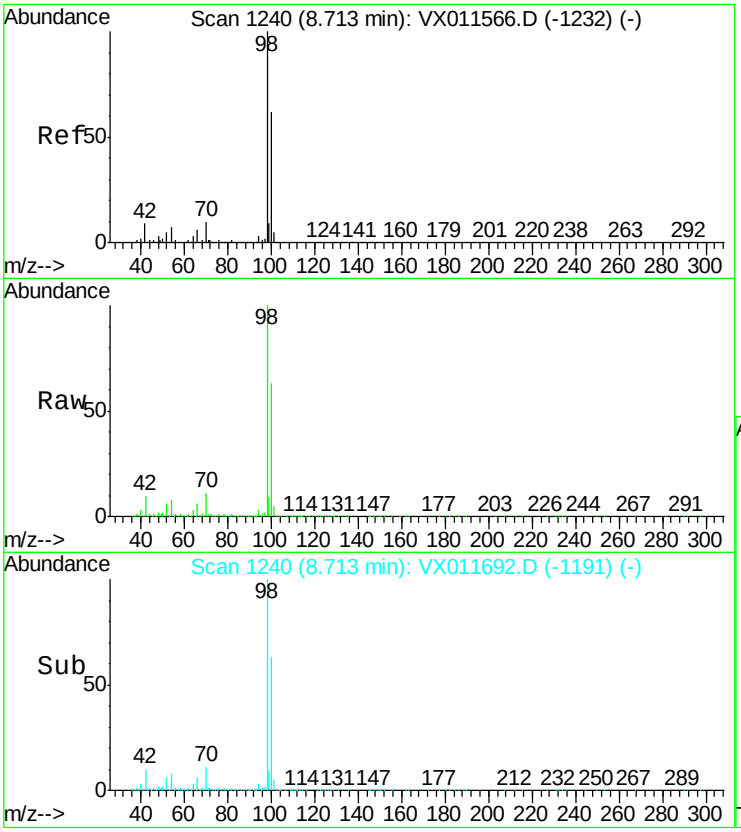


#39
Methylcyclohexane
Concen: 18.887 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 83 Resp: 112575

Ion	Ratio	Lower	Upper
83	100		
55	75.5	58.8	88.2
98	48.5	37.8	56.6



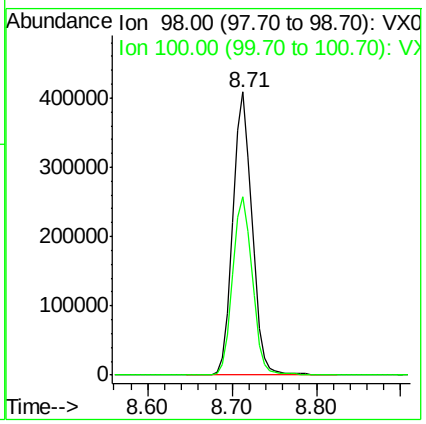


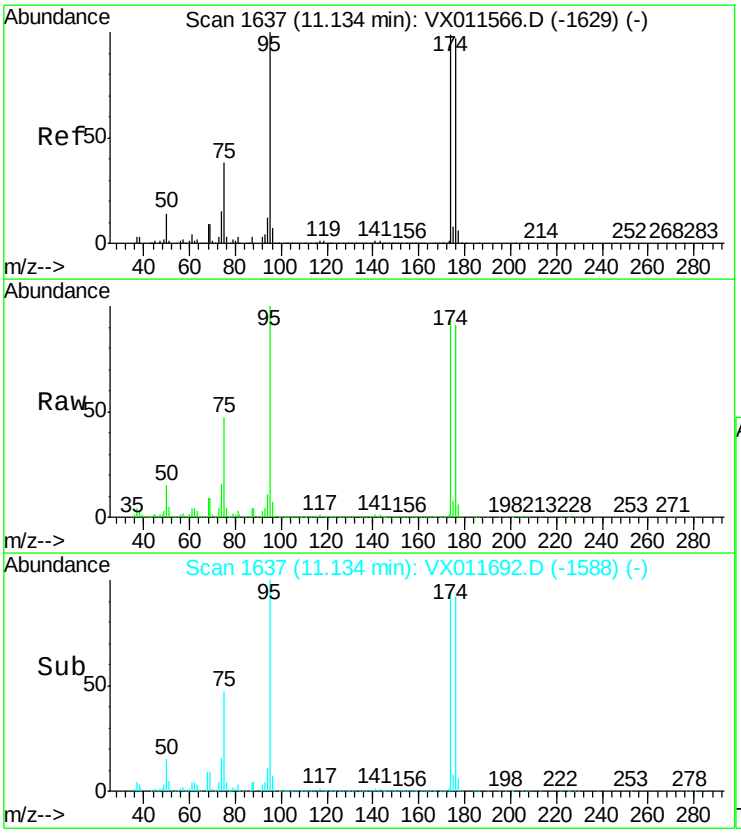
#50
Toluene-d8
Concen: 54.756 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion: 98 Resp: 629951

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6

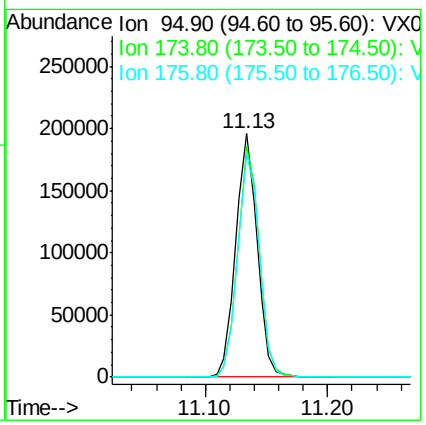


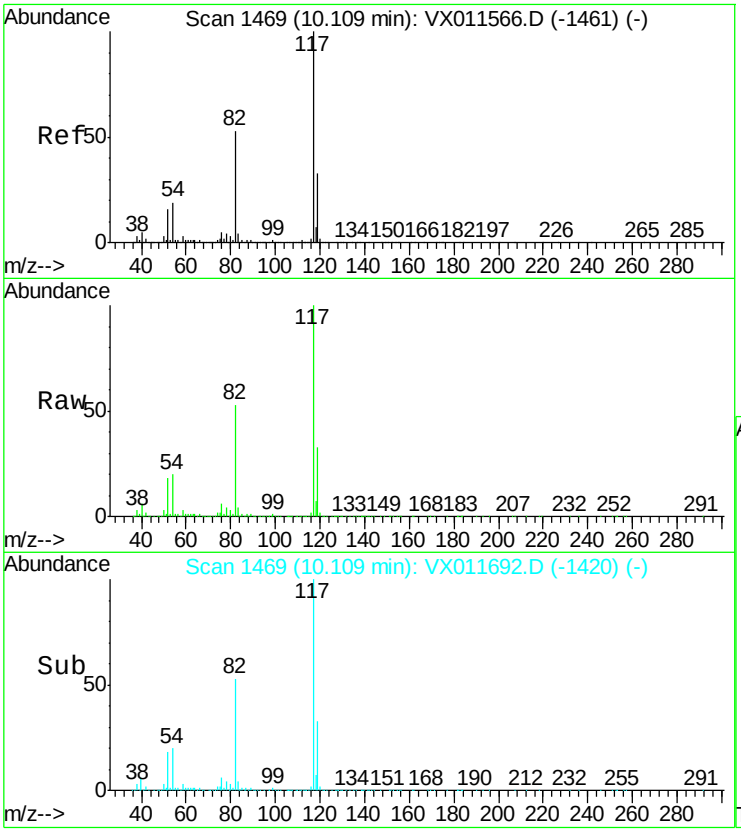


#62
4-Bromofluorobenzene
Concen: 48.579 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 95 Resp: 235894

Ion	Ratio	Lower	Upper
95	100		
174	95.5	0.0	200.6
176	93.6	0.0	196.6



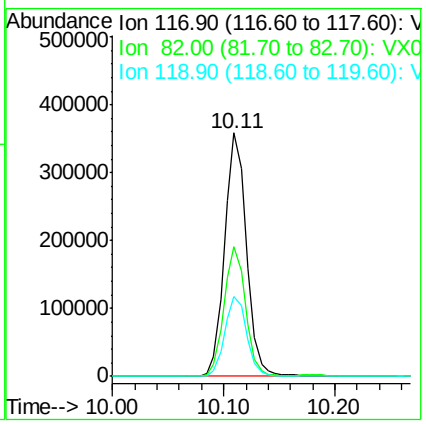


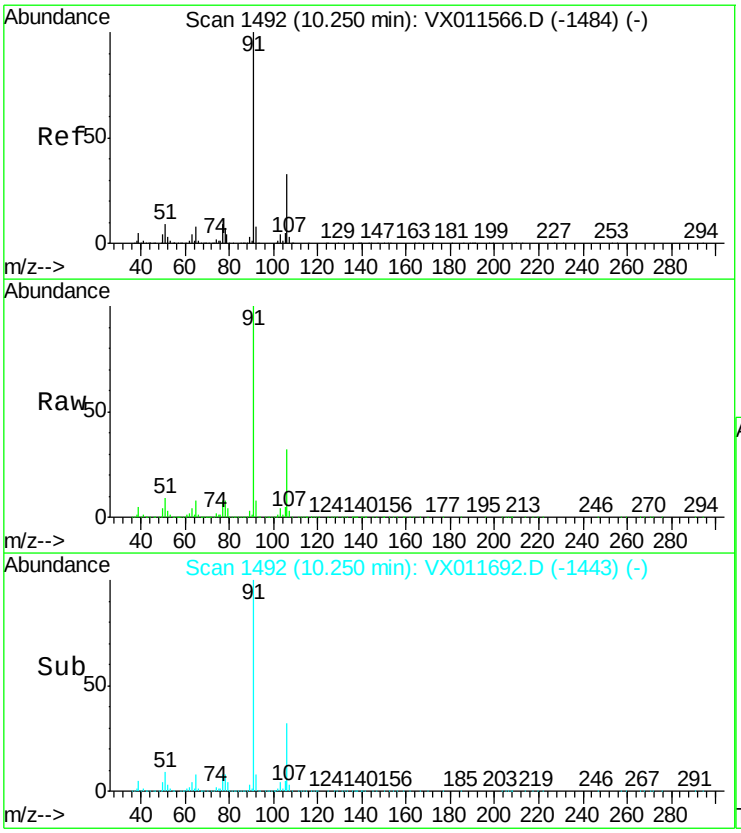
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument : MSVOA_X
ClientSampleId : PH2-0138DL

Tgt Ion:117 Resp: 485149

Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.0	63.0
119	32.5	26.5	39.7

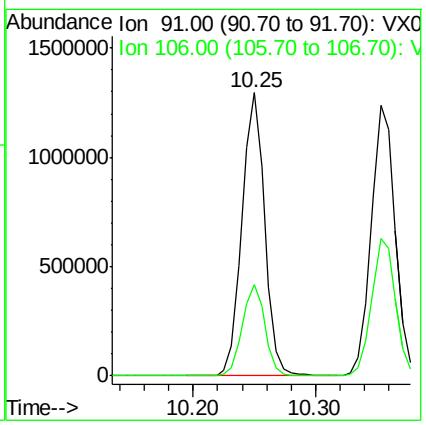


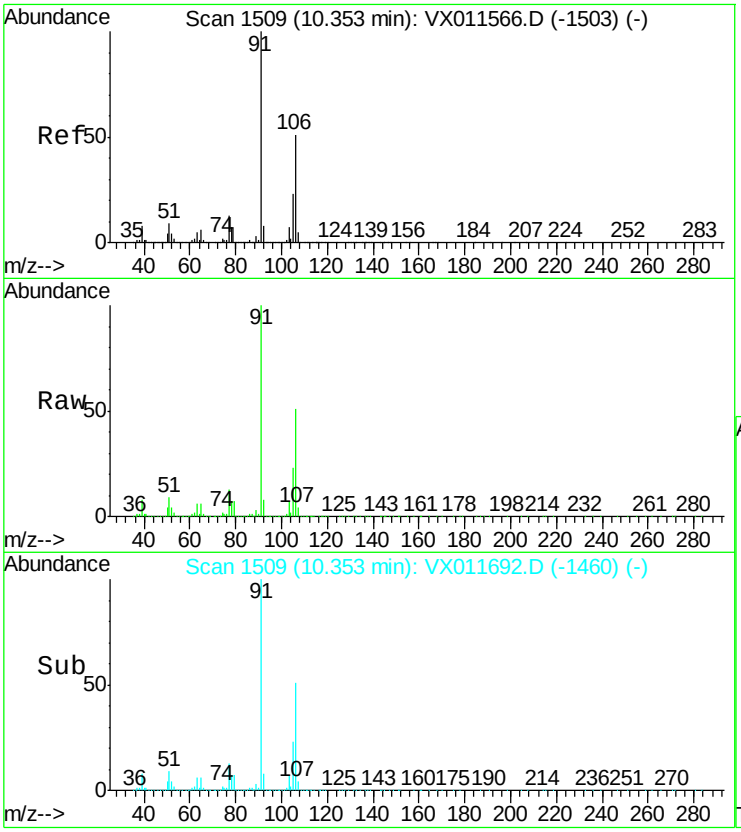


#67
Ethyl Benzene
Concen: 96.696 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion: 91 Resp: 1669882

Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.0	39.0



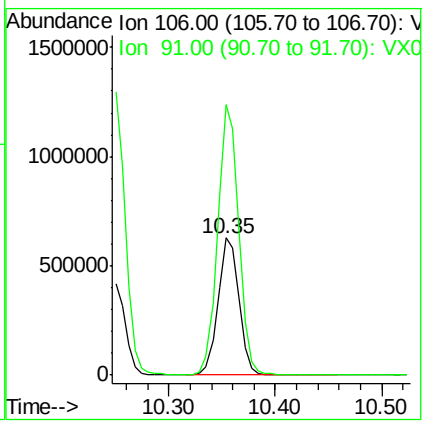


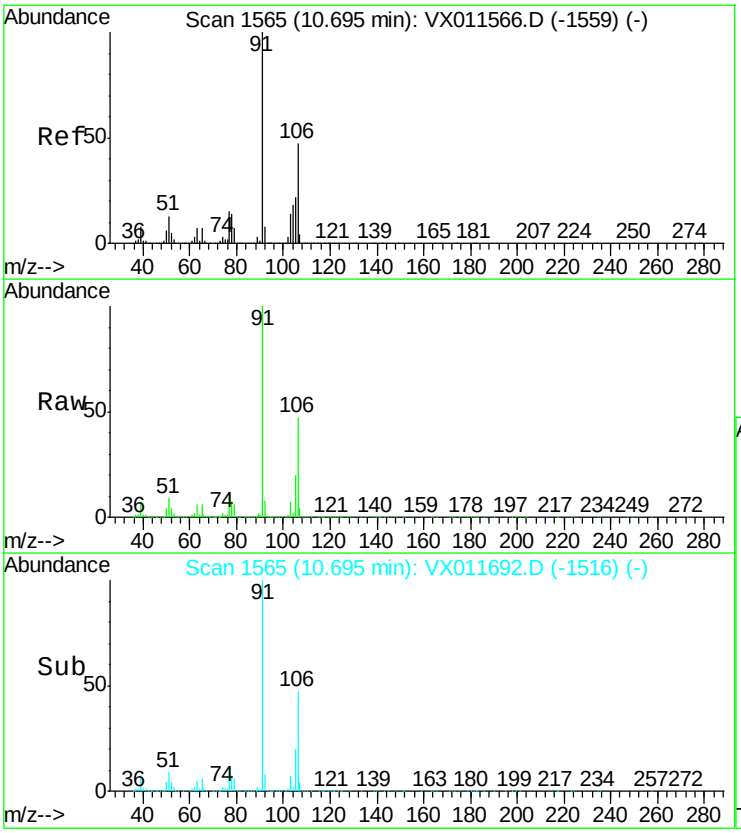
#68
m/p-Xylenes
Concen: 129.470 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion:106 Resp: 858249

Ion	Ratio	Lower	Upper
106	100		
91	197.7	156.0	234.0

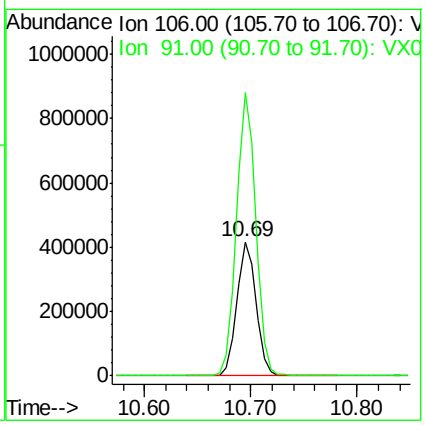


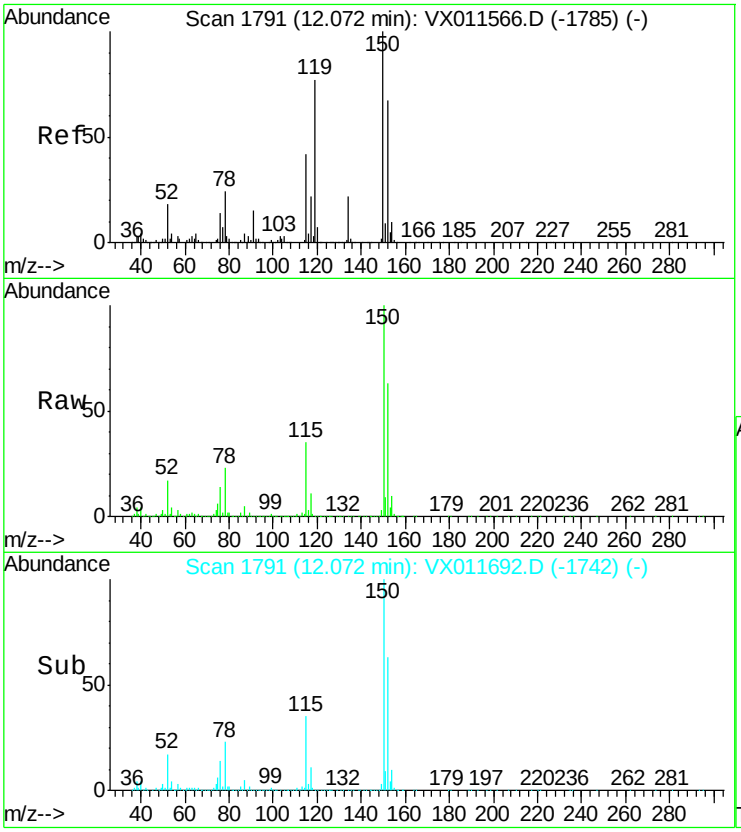


#69
o-Xylene
Concen: 81.545 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:106 Resp: 529494

Ion	Ratio	Lower	Upper
106	100		
91	211.9	105.5	316.4



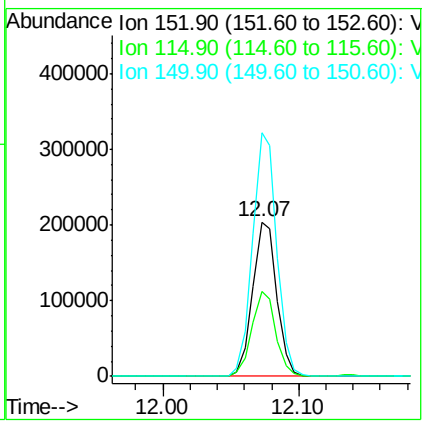


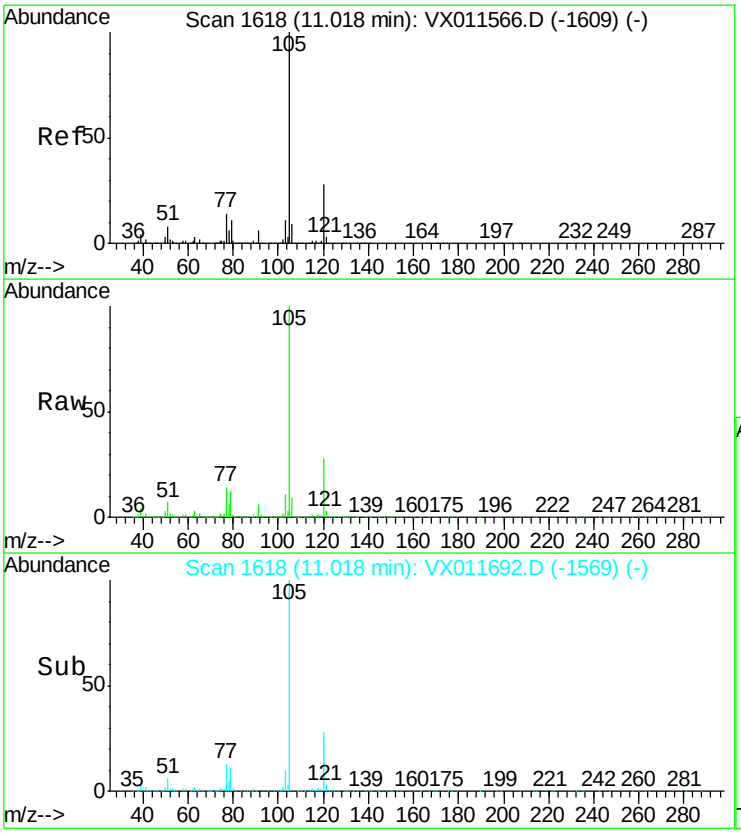
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument : MSVOA_X
ClientSampleId : PH2-0138DL

Tgt Ion:152 Resp: 255905

Ion	Ratio	Lower	Upper
152	100		
115	54.1	37.3	111.9
150	157.3	0.0	346.2

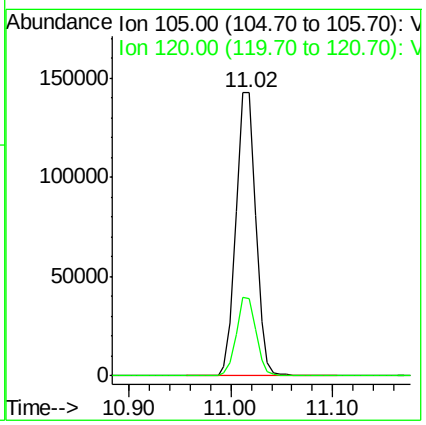


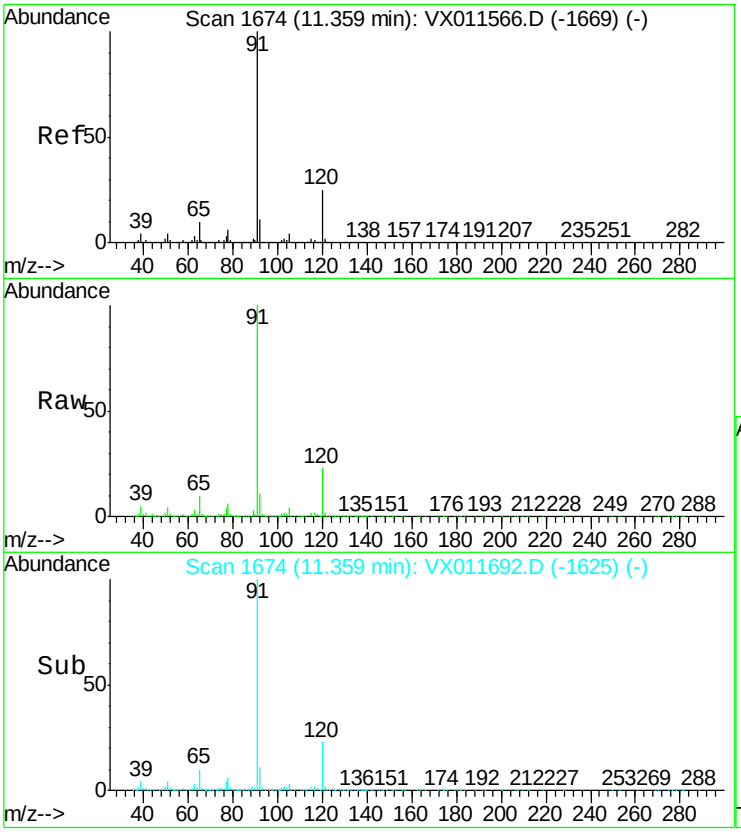


#73
Isopropylbenzene
Concen: 11.455 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:105 Resp: 190214

Ion	Ratio	Lower	Upper
105	100		
120	27.3	14.0	41.9



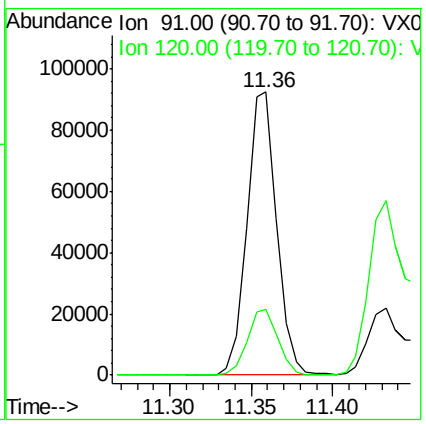


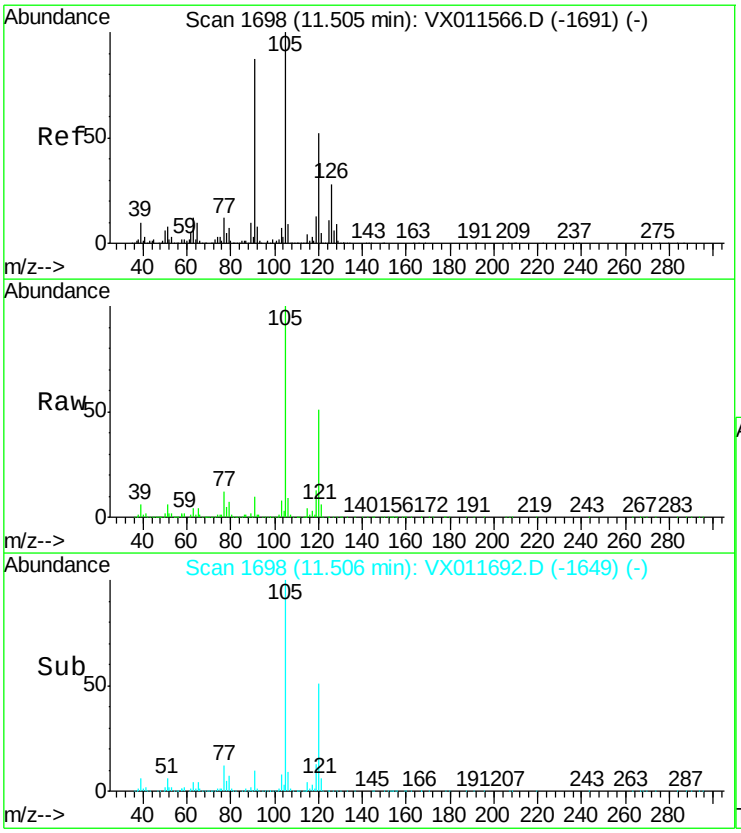
#78
n-propylbenzene
Concen: 6.547 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument : MSVOA_X
ClientSampleId : PH2-0138DL

Tgt Ion: 91 Resp: 117234

Ion	Ratio	Lower	Upper
91	100		
120	24.1	12.6	37.6

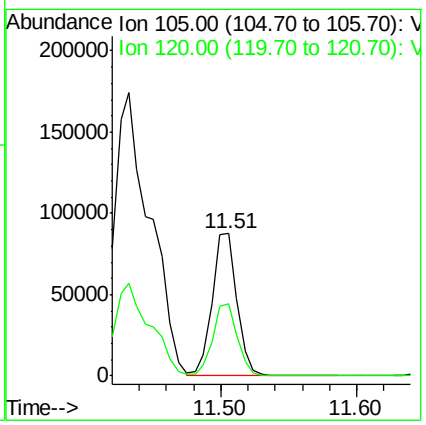


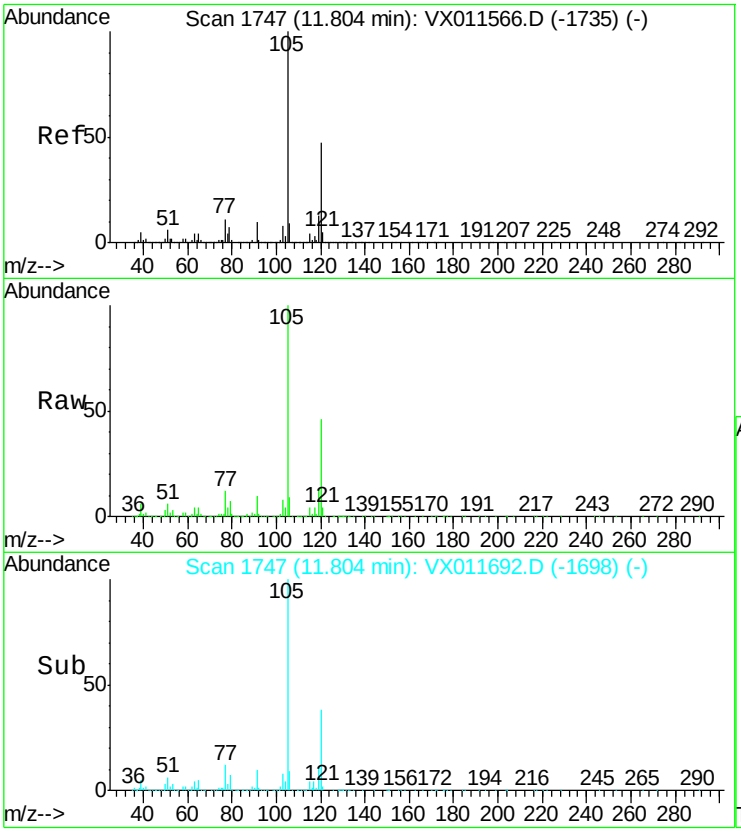


#80
1,3,5-Trimethylbenzene
Concen: 7.931 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:105 Resp: 110625

Ion	Ratio	Lower	Upper
105	100		
120	50.2	25.3	75.8



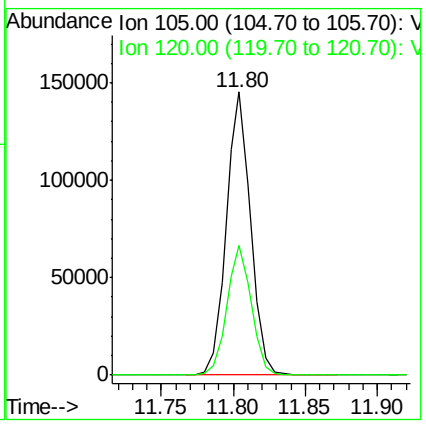


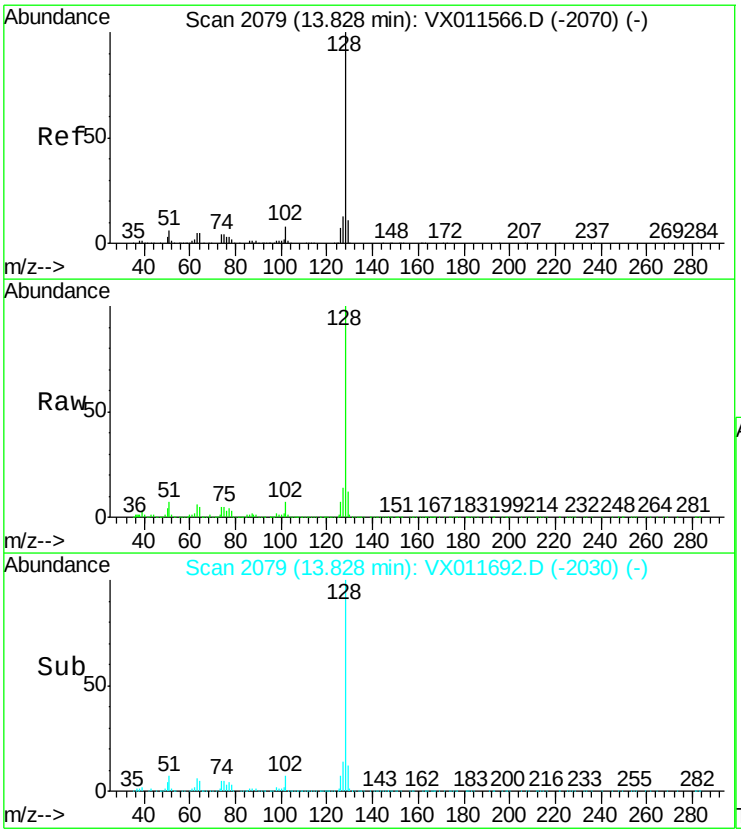
#84
1,2,4-Trimethylbenzene
Concen: 12.217 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PH2-0138DL

Tgt Ion:105 Resp: 171086

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.3	69.9





#95
Naphthalene
Concen: 3.117 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX011692.D
Acq: 20 Aug 2019 18:09

Tgt Ion:128 Resp: 55968

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	11.6	8.7	13.1