Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011009.D
Acq On : 19 Jul 2019 17:48
Operator : JC/SP
Sample : K3884-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0612DL

Quant Time: Jul 22 13:33:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363439	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126638	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.22%			
35) Dibromofluoromethane	5.50	113	111068	48.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.30%			
50) Toluene-d8	8.71	98	436784	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.96%			
62) 4-Bromofluorobenzene	11.13	95	163411	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.76%			
Target Compounds						Qvalue
31) Cyclohexane	5.58	56	78084	23.211	ug/l	97
39) Methylcyclohexane	7.46	83	105779	27.323	ug/l	96
67) Ethyl Benzene	10.25	91	386172	32.840	ug/l	100
68) m/p-Xylenes	10.36	106	325556	72.173	ug/l	100
69) o-Xylene	10.69	106	152631	34.671	ug/l	99
73) Isopropylbenzene	11.02	105	52578	4.679	ug/l	100
78) n-propylbenzene	11.36	91	77105	6.210	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	117888	12.555	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	318687	33.673	ug/l	100
85) sec-Butylbenzene	11.94	105	13408	1.241	ug/l	97
86) p-Isopropyltoluene	12.06	119	13725	1.374	ug/l	96
89) n-Butylbenzene	12.38	91	17226	2.015	ug/l #	26
95) Naphthalene	13.83	128	129780	12.164	ug/l	99

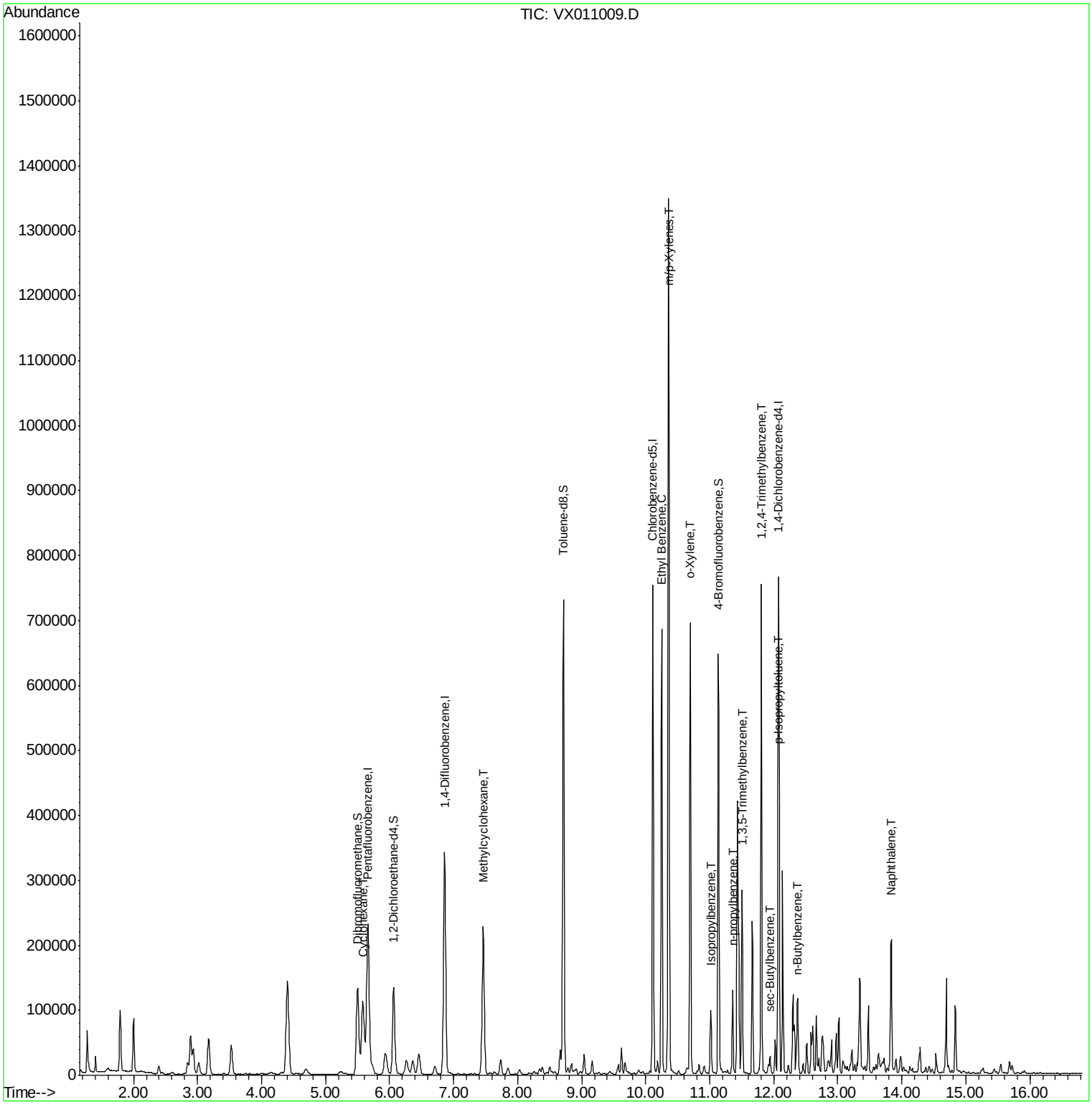
(#) = qualifier out of range (m) = manual integration (+) = signals summed

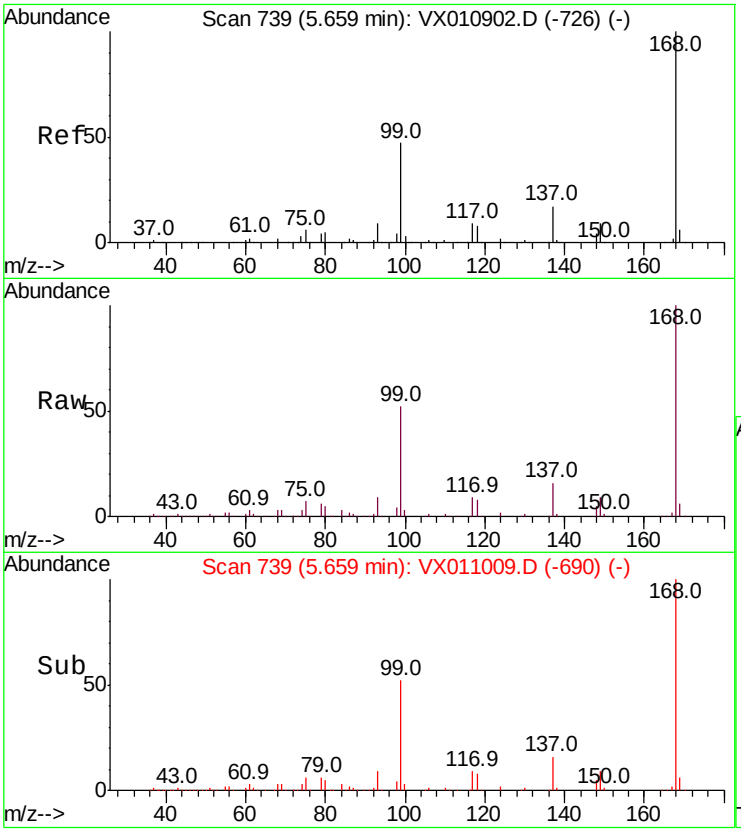
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072019\
Data File : VX011009.D
Acq On : 19 Jul 2019 17:48
Operator : JC/SP
Sample : K3884-03DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FL-0612DL

Quant Time: Jul 22 13:33:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration



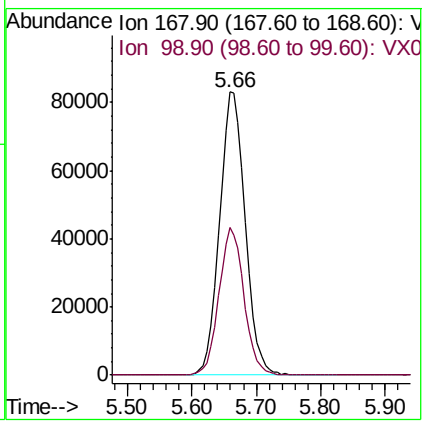


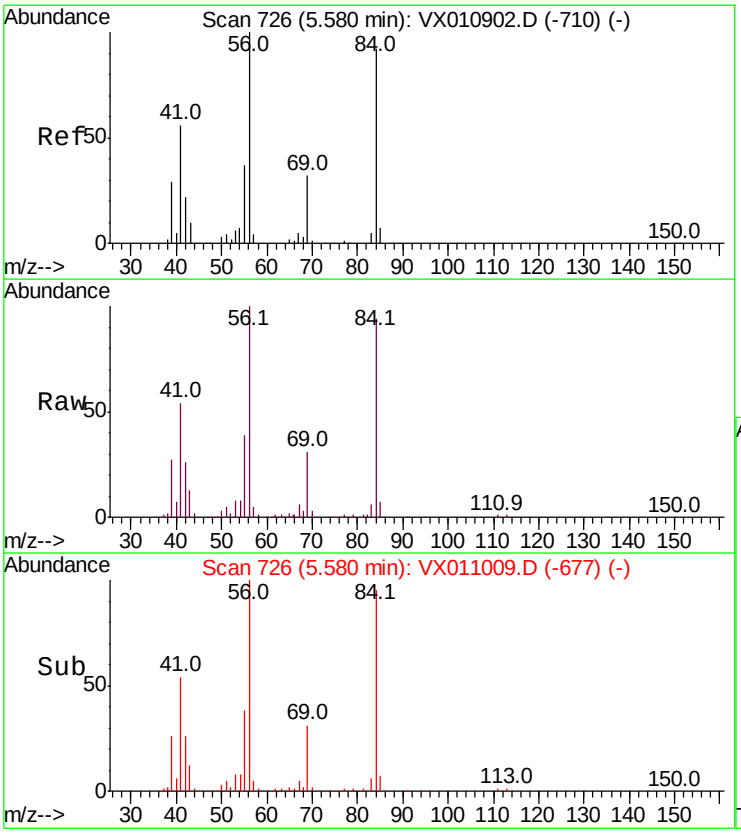
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:168 Resp: 232900

Ion	Ratio	Lower	Upper
168	100		
99	52.3	37.6	56.4

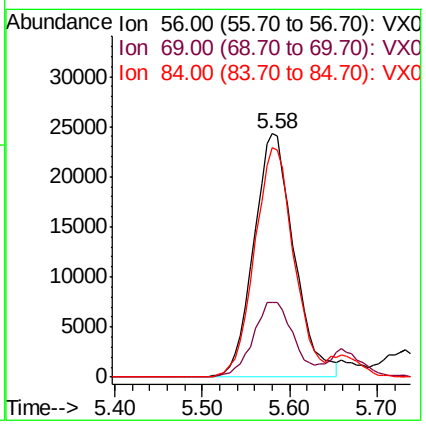


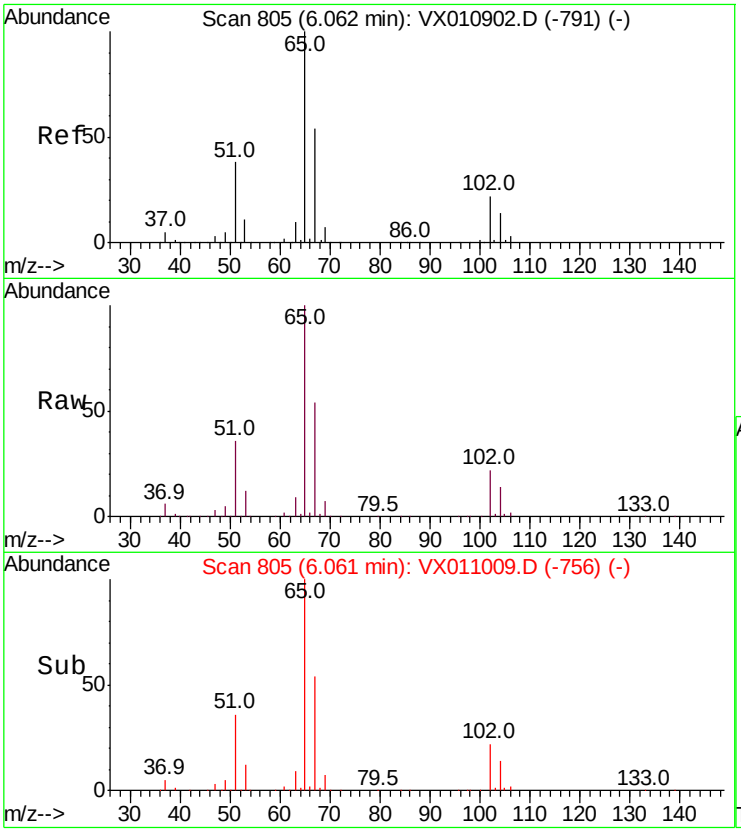


#31
Cyclohexane
Concen: 23.211 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 56 Resp: 78084

Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.8	38.8
84	94.4	73.8	110.6



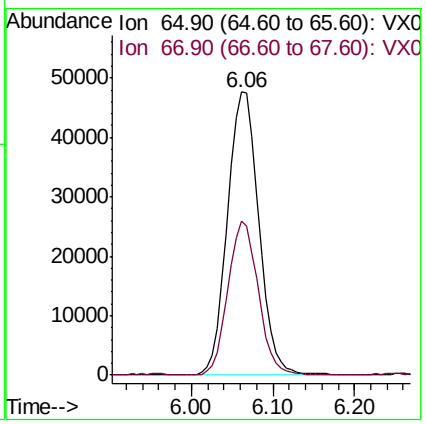


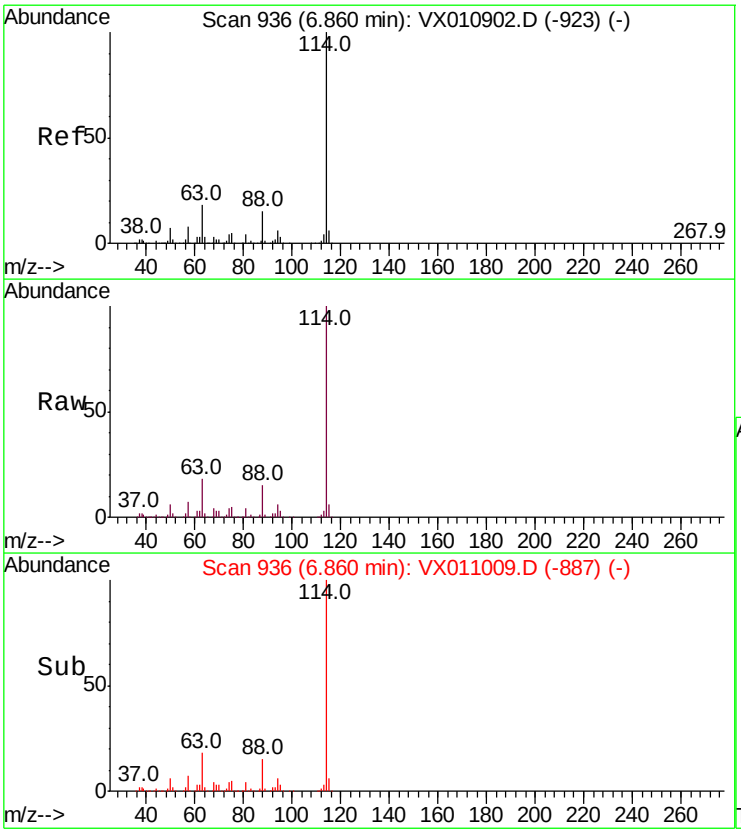
#33
1,2-Dichloroethane-d4
Concen: 51.111 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion: 65 Resp: 126638

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.8

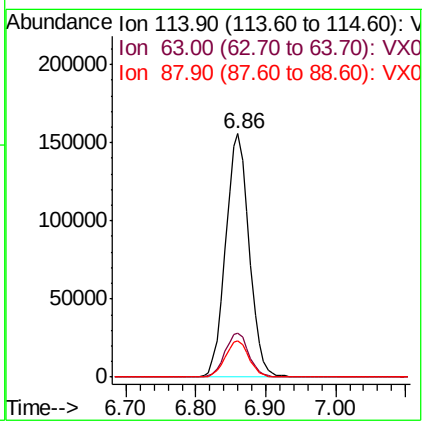


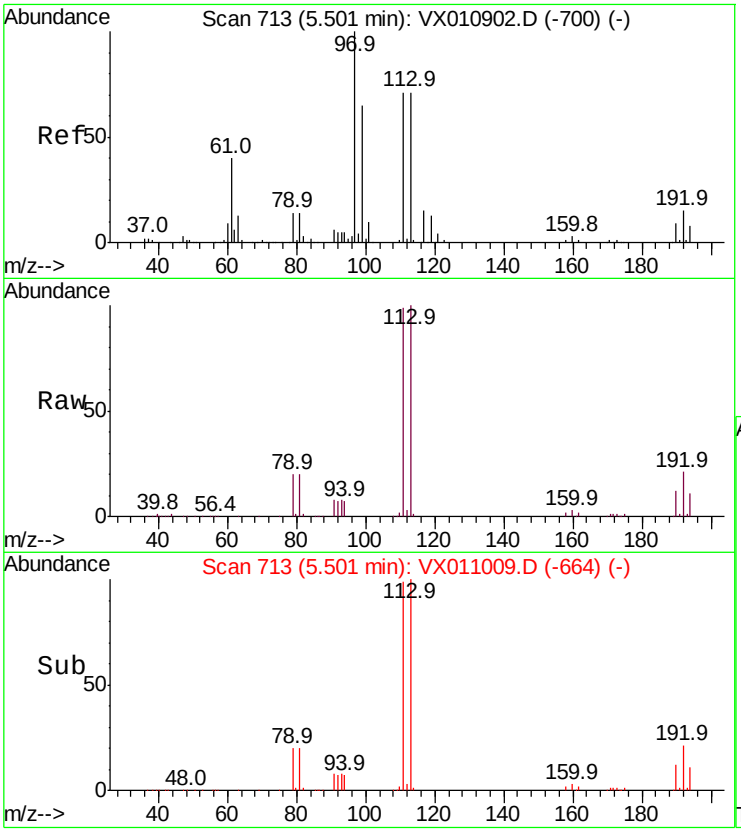


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:114 Resp: 363439

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.6
88	15.1	0.0	29.8



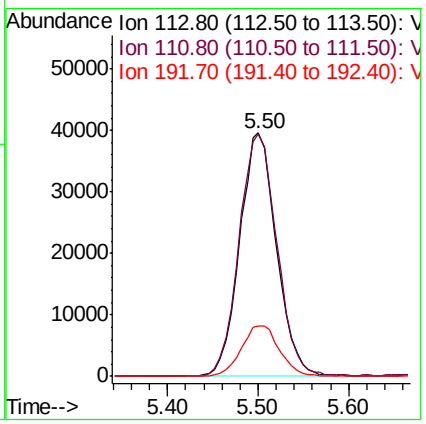


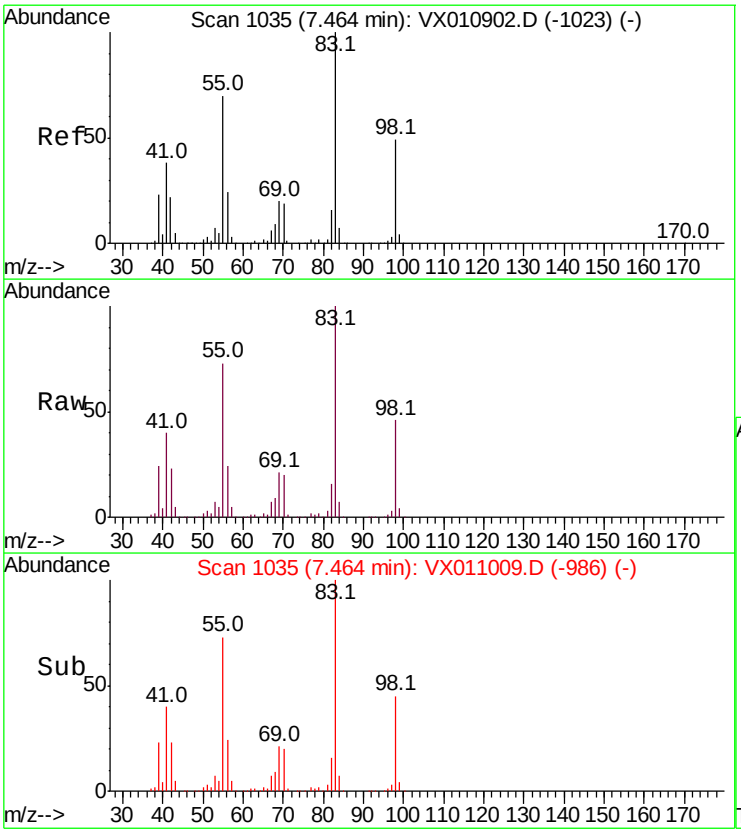
#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:113 Resp: 111068

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.3	123.5
192	21.5	17.4	26.2

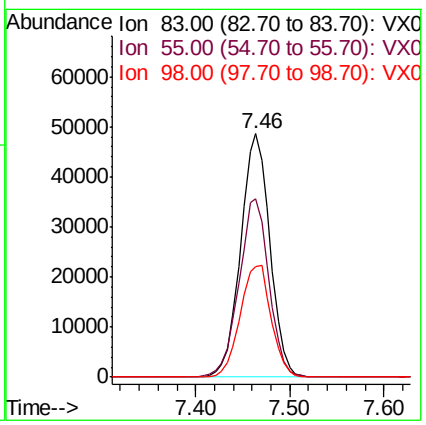


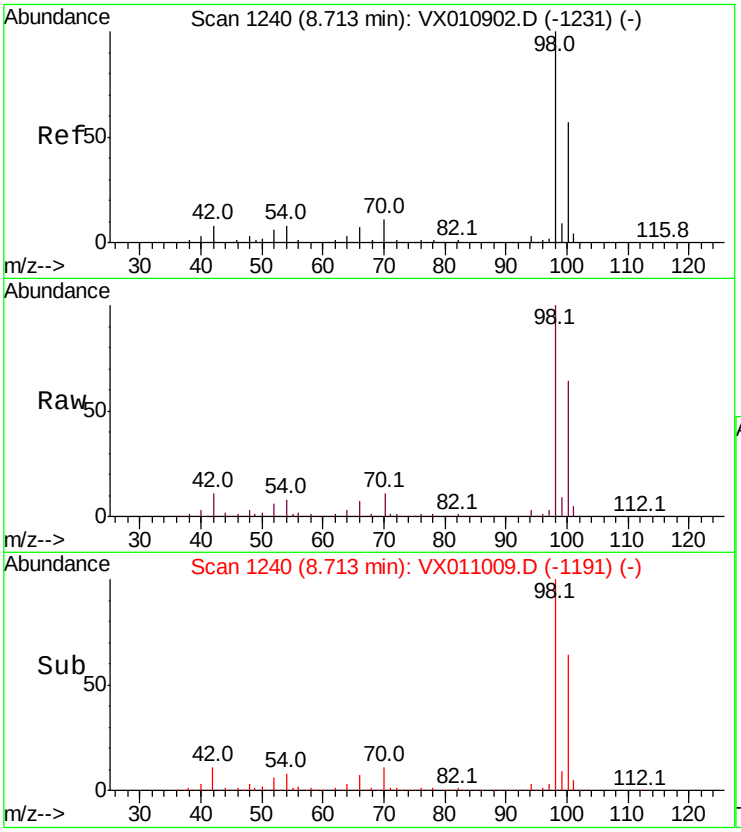


#39
Methylcyclohexane
Concen: 27.323 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 83 Resp: 105779

Ion	Ratio	Lower	Upper
83	100		
55	73.4	56.2	84.4
98	45.5	39.0	58.4



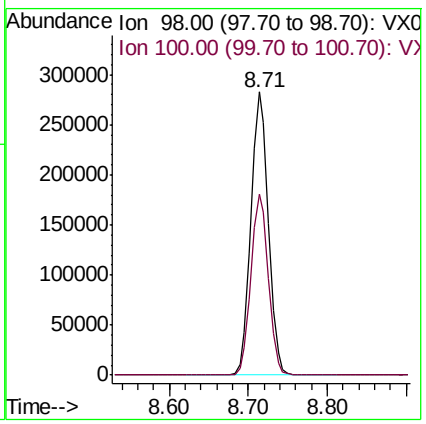


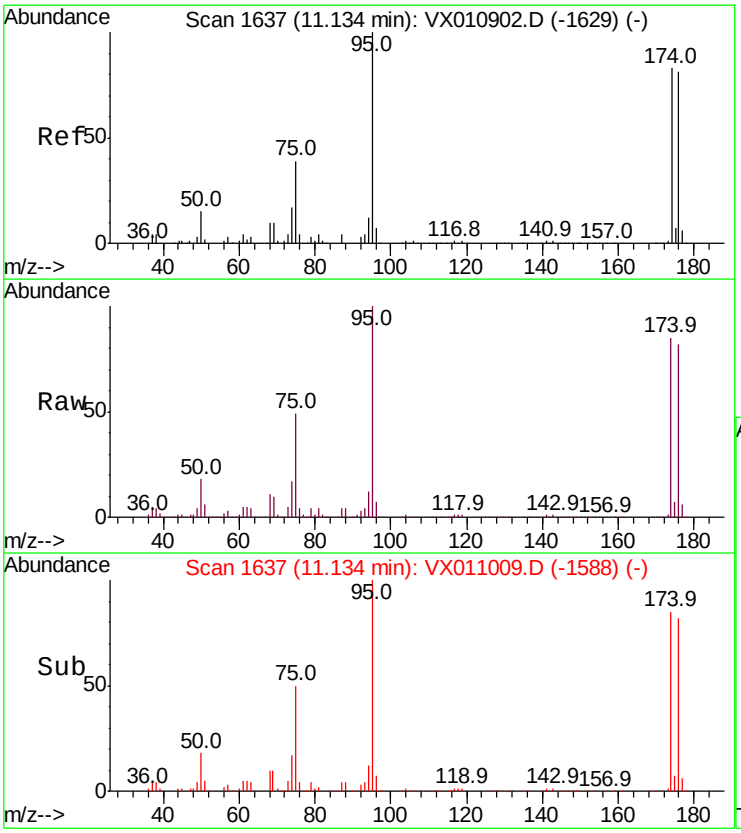
#50
Toluene-d8
Concen: 50.483 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion: 98 Resp: 436784

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.6	75.8

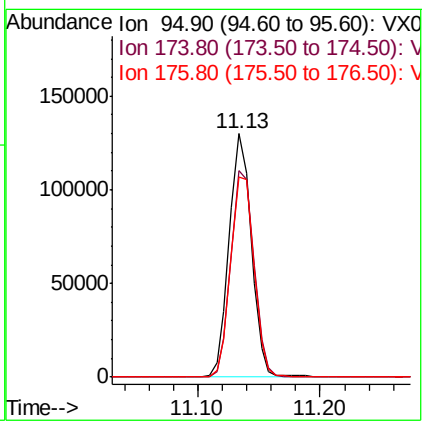


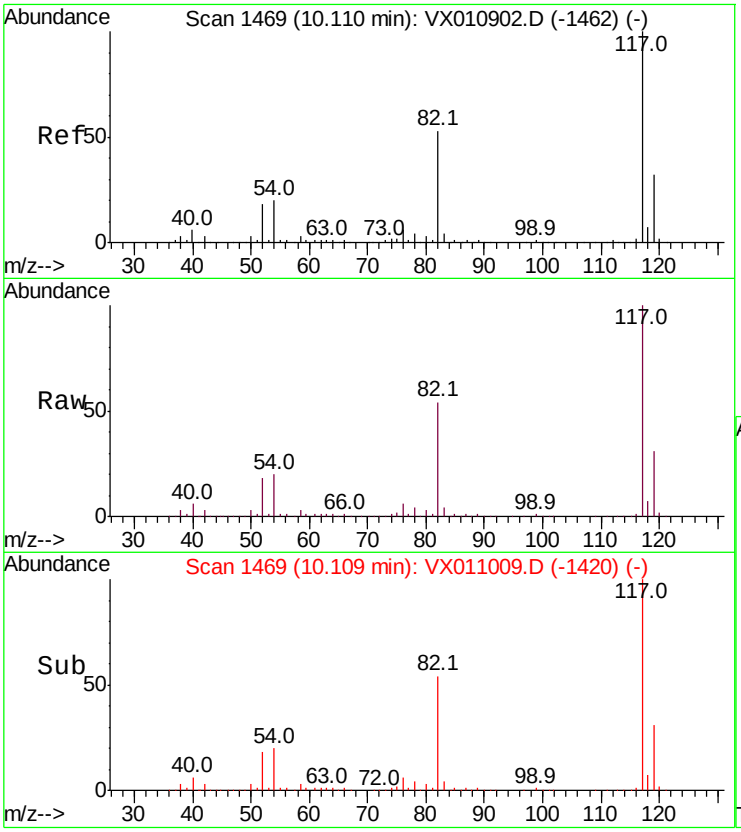


#62
4-Bromofluorobenzene
Concen: 51.383 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 95 Resp: 163411

Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	180.6
176	86.5	0.0	173.8



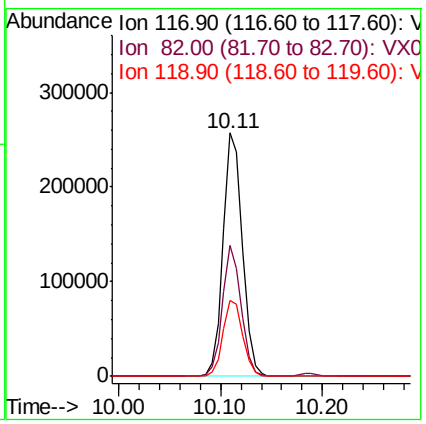


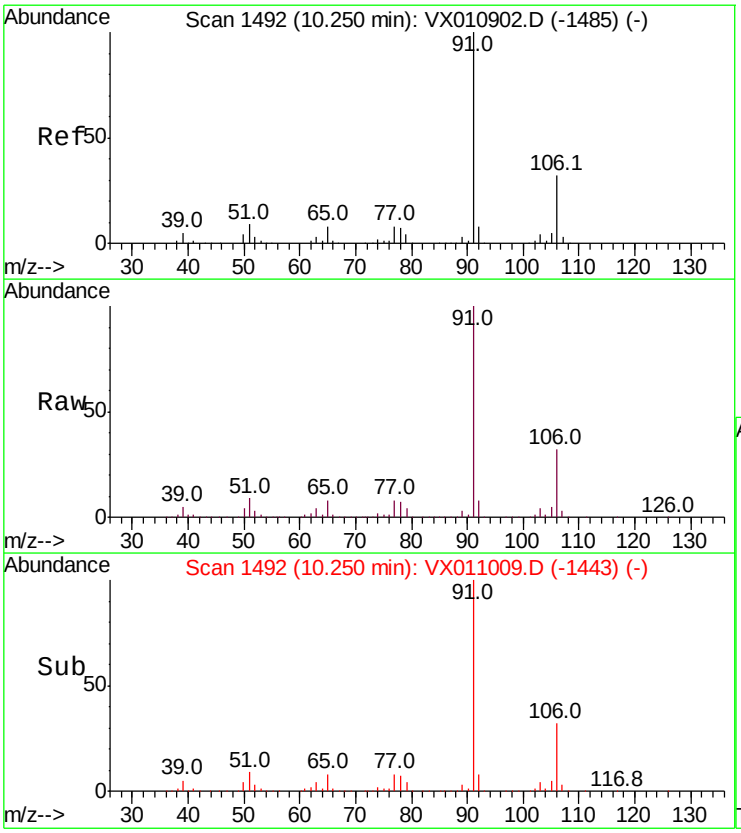
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument : MSVOA_X
ClientSampleId : FL-0612DL

Tgt Ion:117 Resp: 336363

Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.6	63.8
119	31.2	25.9	38.9

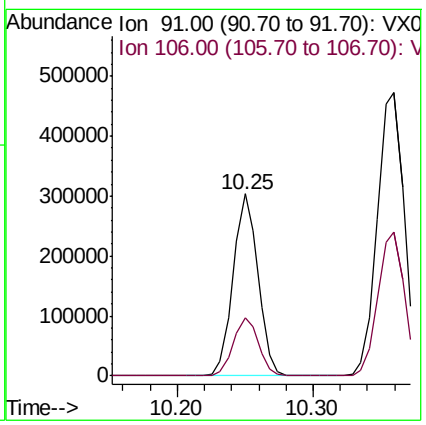


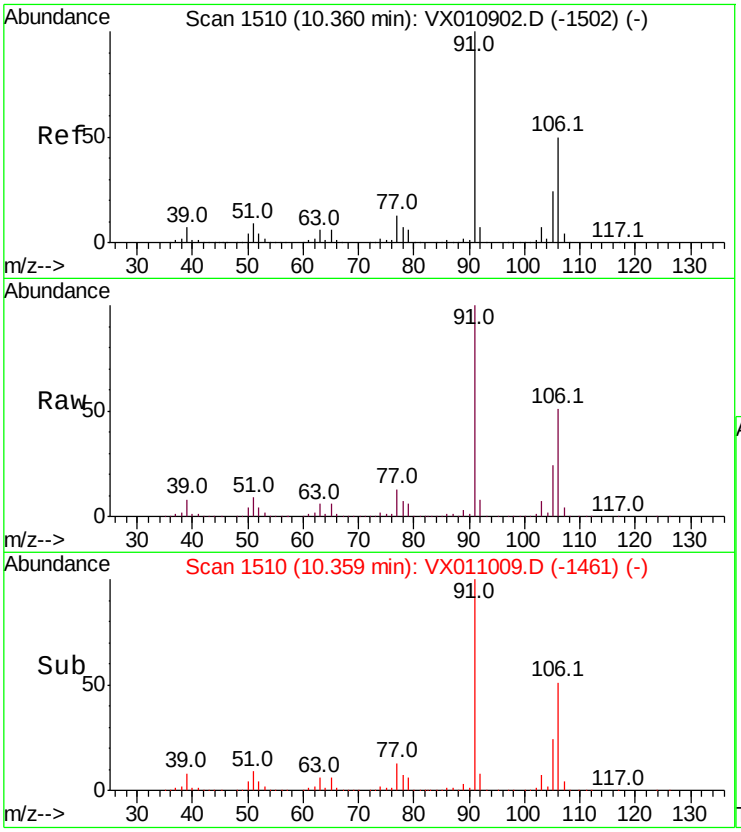


#67
Ethyl Benzene
Concen: 32.840 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 91 Resp: 386172

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.4	38.2



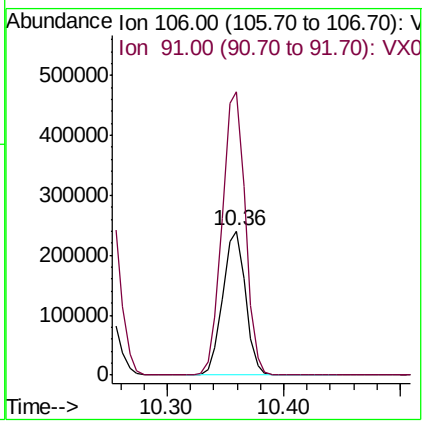


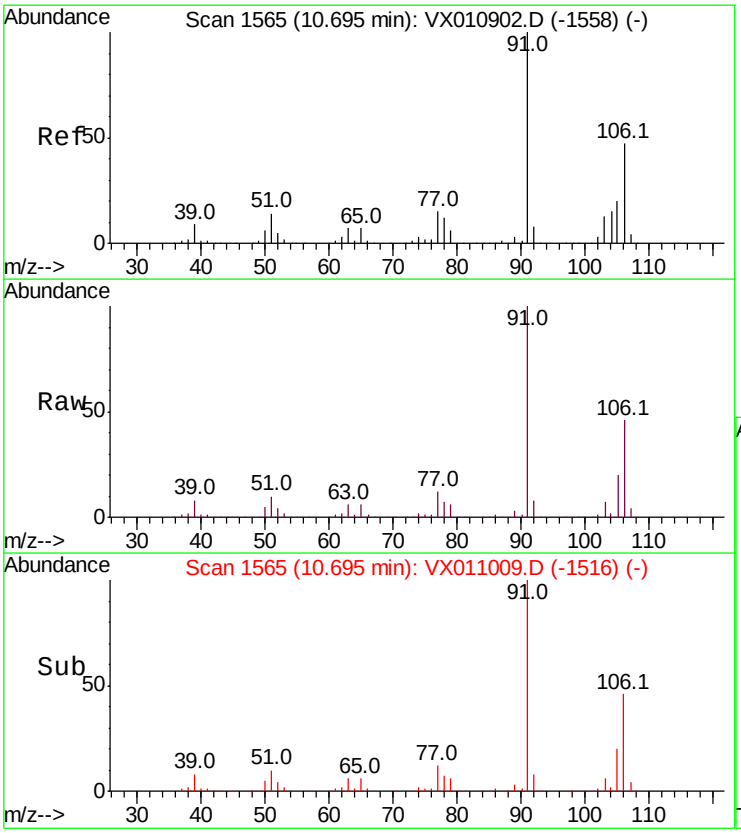
#68
m/p-Xylenes
Concen: 72.173 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:106 Resp: 325556

Ion	Ratio	Lower	Upper
106	100		
91	200.1	160.1	240.1

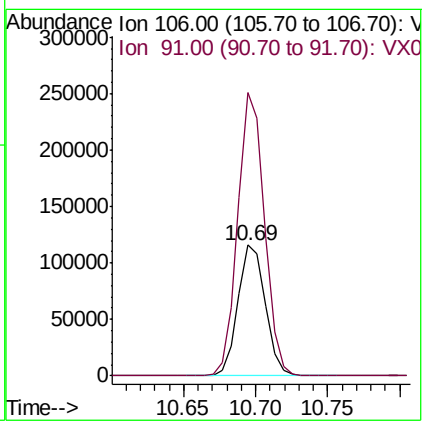


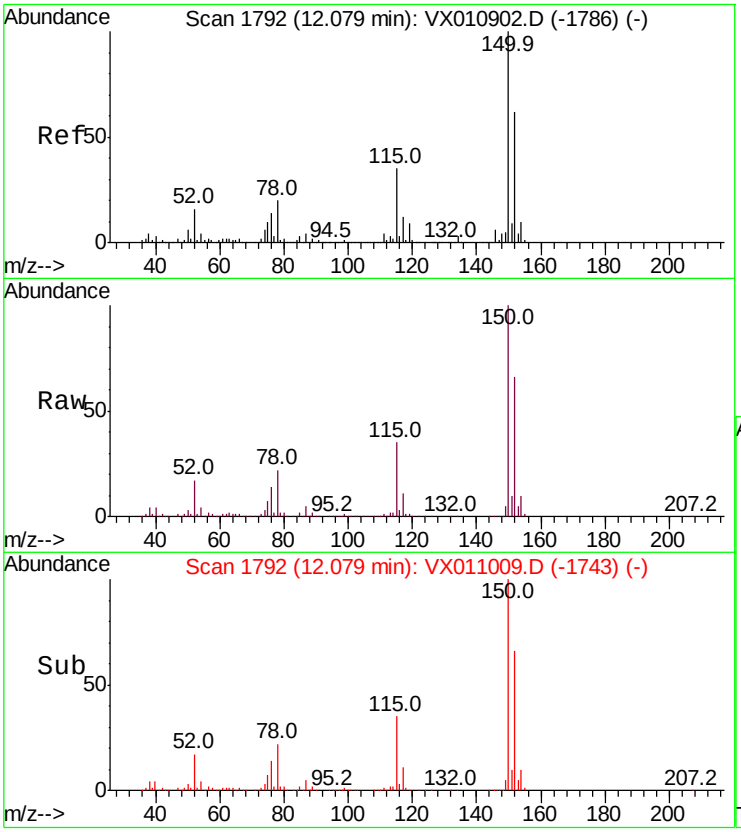


#69
o-Xylene
Concen: 34.671 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:106 Resp: 152631

Ion	Ratio	Lower	Upper
106	100		
91	212.1	105.1	315.3



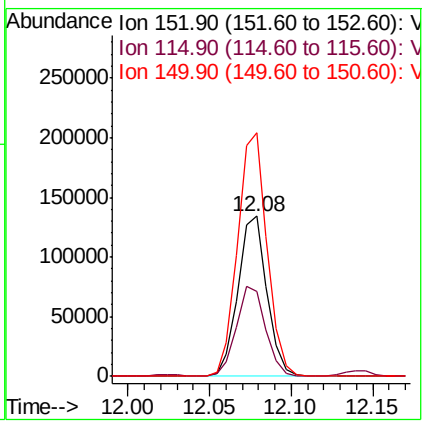


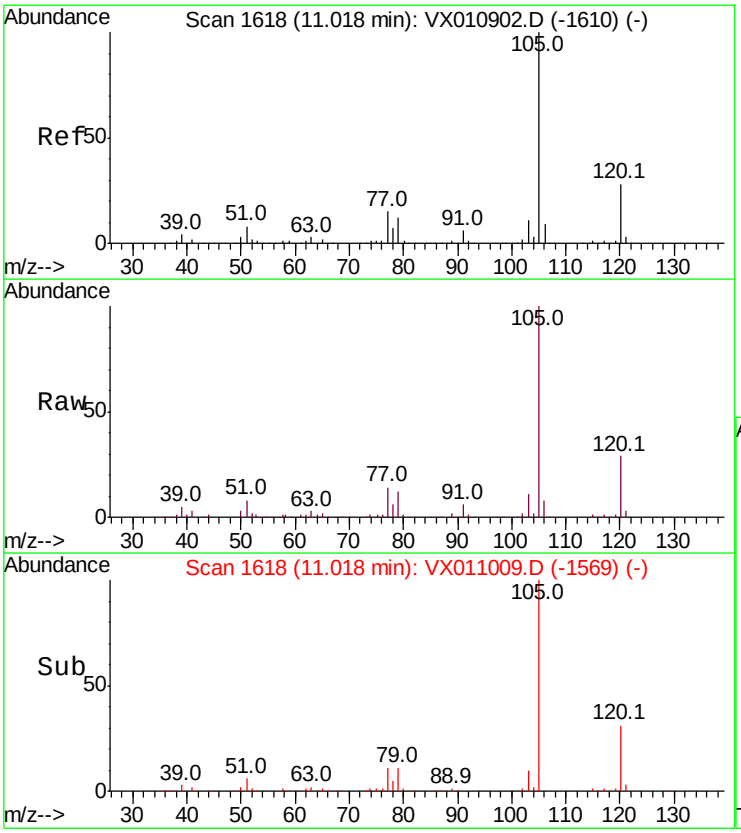
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:152 Resp: 166308

Ion	Ratio	Lower	Upper
152	100		
115	56.3	39.7	119.1
150	153.9	0.0	345.6

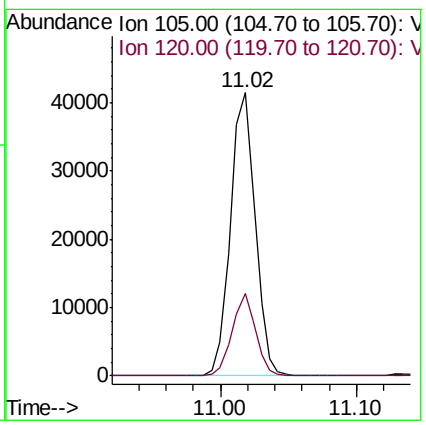


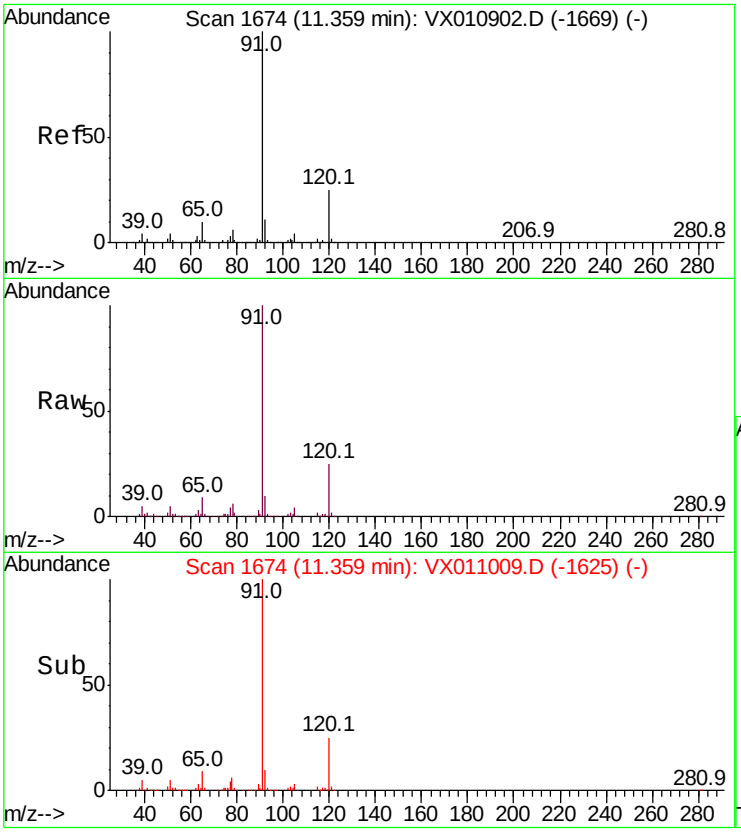


#73
Isopropylbenzene
Concen: 4.679 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 52578

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.7	41.1



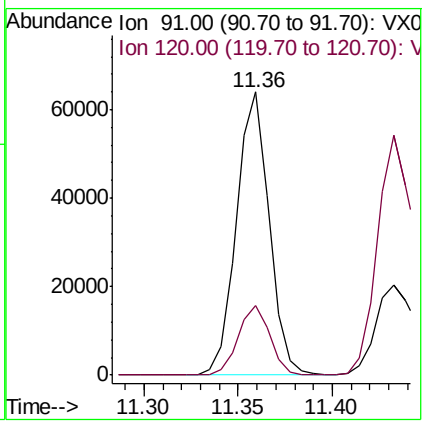


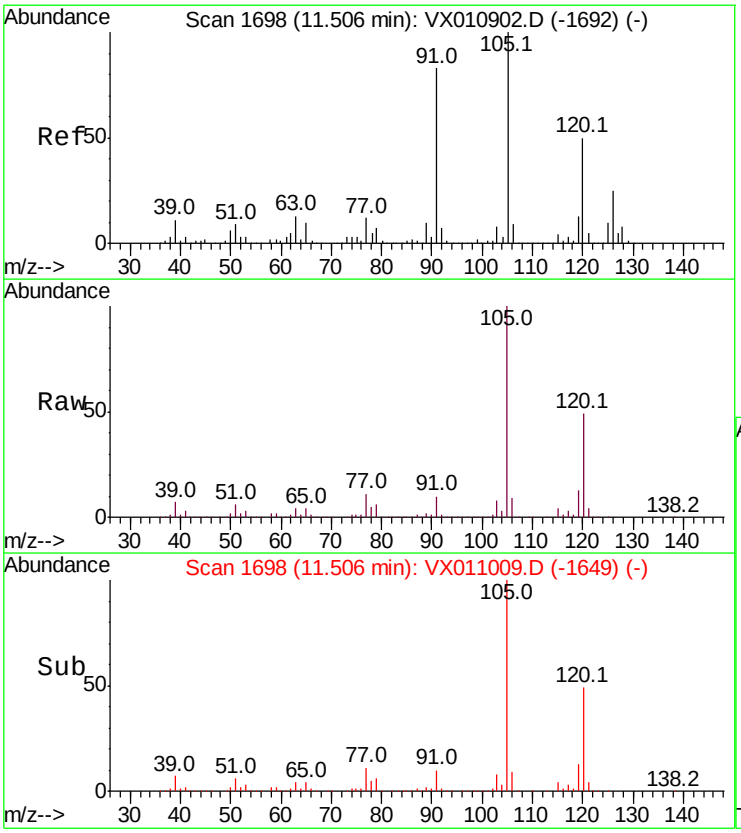
#78
n-propylbenzene
Concen: 6.210 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion: 91 Resp: 77105

Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.3	36.8

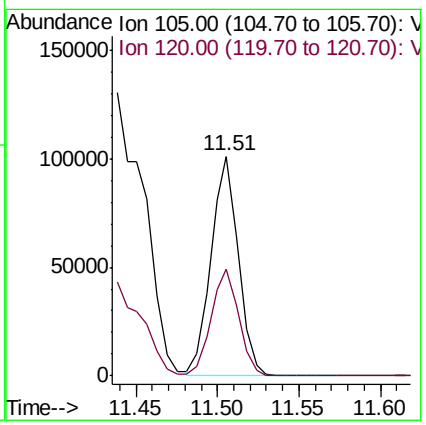


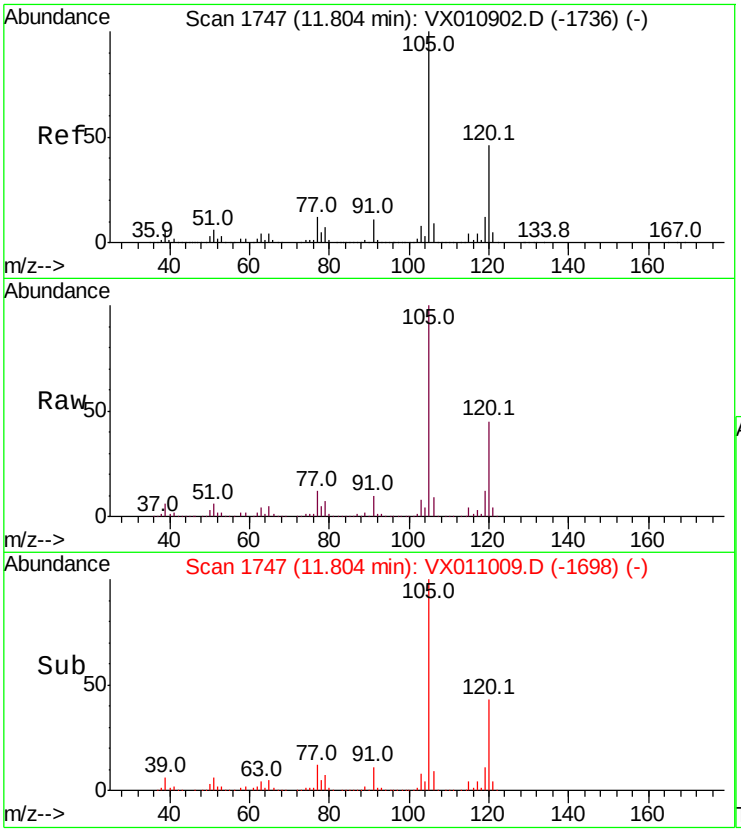


#80
1,3,5-Trimethylbenzene
Concen: 12.555 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 117888

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.6	73.8



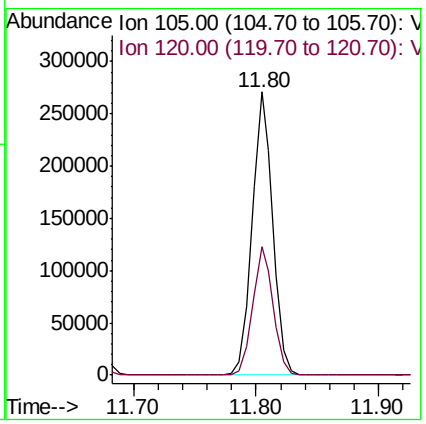


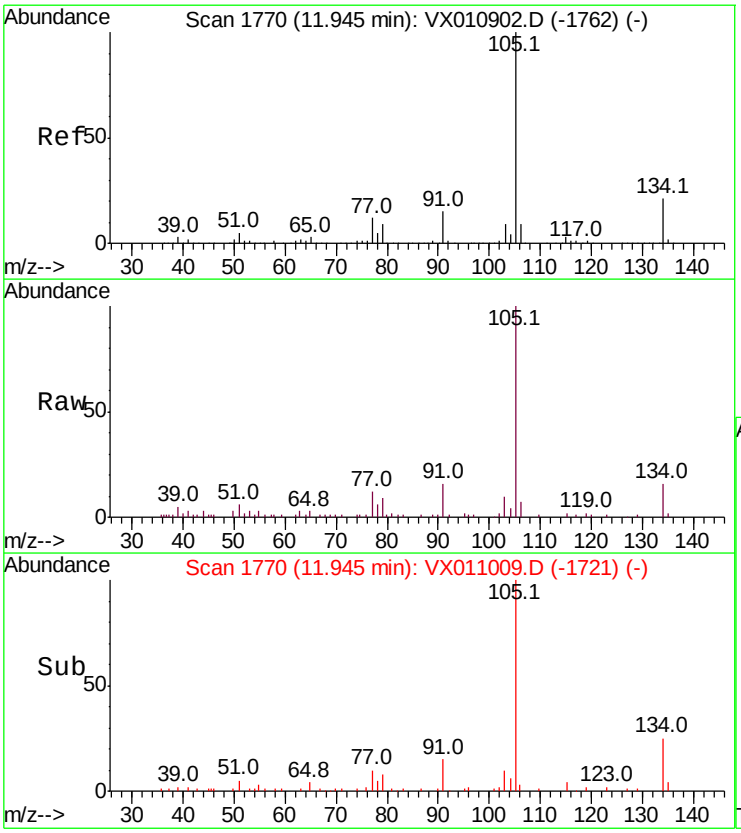
#84
1,2,4-Trimethylbenzene
Concen: 33.673 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument : MSVOA_X
ClientSampleId : FL-0612DL

Tgt Ion:105 Resp: 318687

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.5

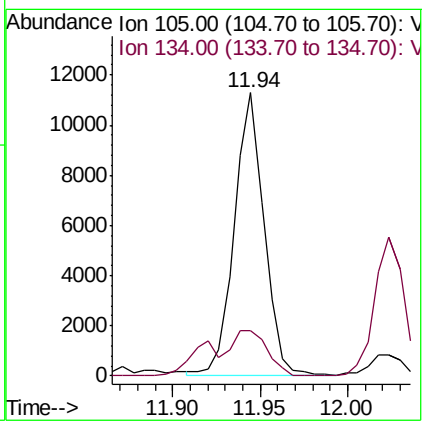


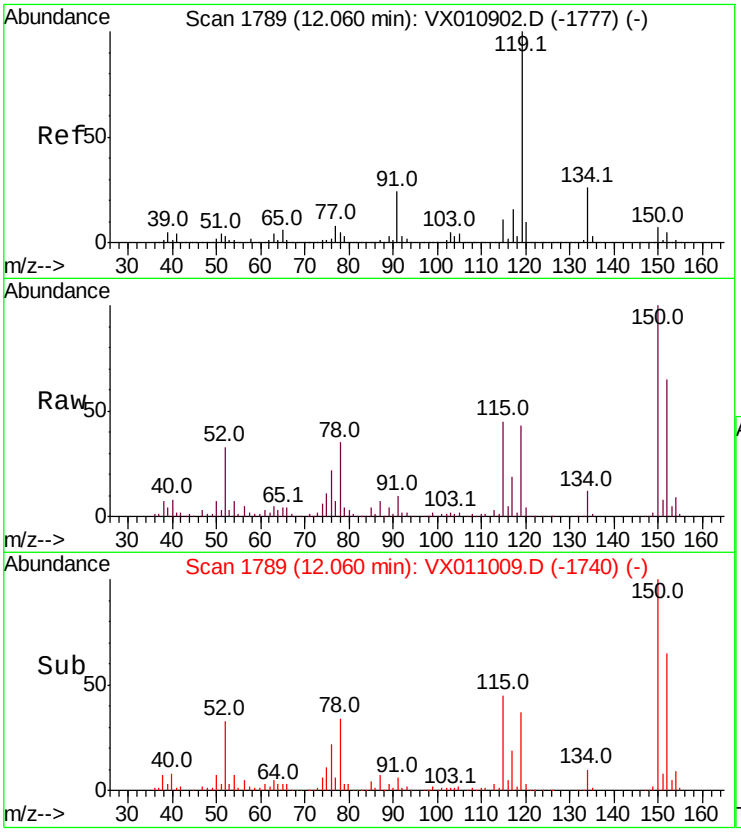


#85
sec-Butylbenzene
Concen: 1.241 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion:105 Resp: 13408

Ion	Ratio	Lower	Upper
105	100		
134	19.5	10.4	31.4



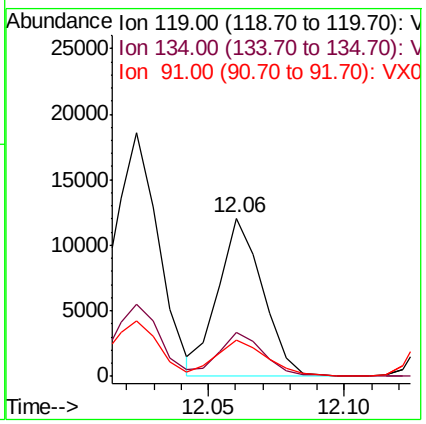


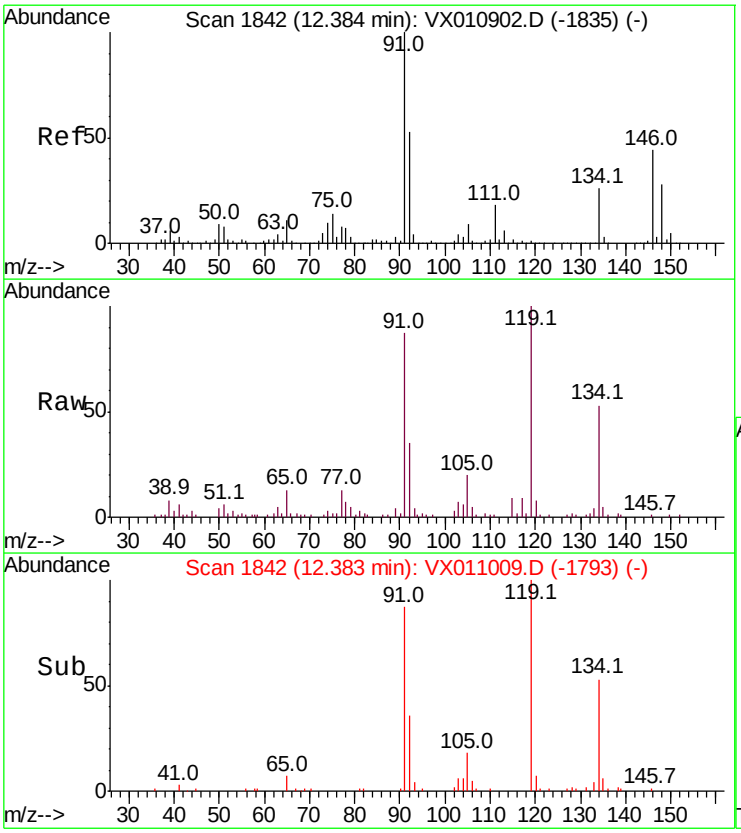
#86
p-Isopropyltoluene
Concen: 1.374 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:119 Resp: 13725

Ion	Ratio	Lower	Upper
119	100		
134	27.9	13.4	40.1
91	26.2	11.8	35.4

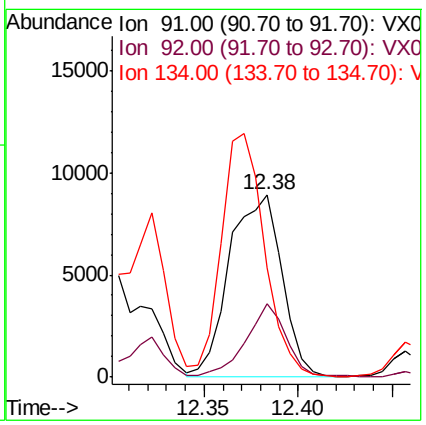


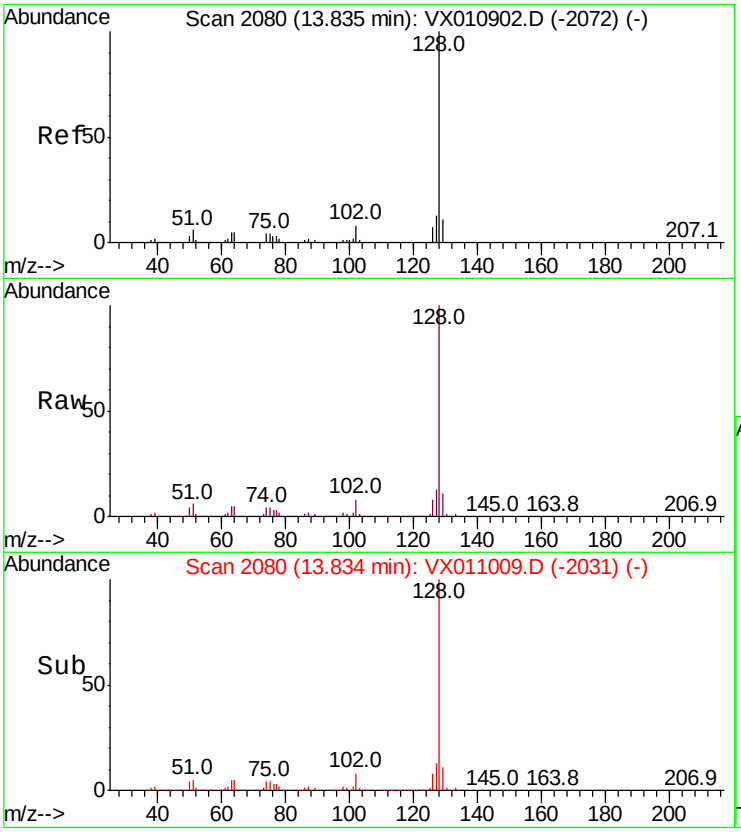


#89
n-Butylbenzene
Concen: 2.015 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Tgt Ion: 91 Resp: 17226

Ion	Ratio	Lower	Upper
91	100		
92	31.1	26.2	78.5
134	110.4	13.8	41.3#





#95
Naphthalene
Concen: 12.164 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011009.D
Acq: 19 Jul 2019 17:48

Instrument :
MSVOA_X
ClientSampleId :
FL-0612DL

Tgt Ion:128 Resp: 129780

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.7	8.9	13.3