Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021619\
Data File : VX007571.D
Acq On : 15 Feb 2019 16:38
Operator : JC/SP
Sample : K1474-04DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW089-190211DL

Quant Time: Feb 16 04:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	485992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	770850	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	720411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	357105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	265658	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.00%			
35) Dibromofluoromethane	5.51	113	244527	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
50) Toluene-d8	8.71	98	908809	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.68%			
62) 4-Bromofluorobenzene	11.13	95	333521	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.18%			
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	3.20	73	264865	17.619	ug/l	100
31) Cyclohexane	5.58	56	19720	2.749	ug/l	89
39) Methylcyclohexane	7.46	83	16253	1.942	ug/l #	91
40) Benzene	6.15	78	2367159	116.188	ug/l	100
67) Ethyl Benzene	10.25	91	1953455	77.162	ug/l	98
68) m/p-Xylenes	10.36	106	82177	8.166	ug/l	97
69) o-Xylene	10.69	106	5061	0.523	ug/l	98
73) Isopropylbenzene	11.02	105	276971	11.413	ug/l	98
78) n-propylbenzene	11.36	91	319654	12.012	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	305785	15.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	176334	8.748	ug/l	96
85) sec-Butylbenzene	11.94	105	15823	0.665	ug/l	96
95) Naphthalene	13.83	128	115632	4.801	ug/l	99

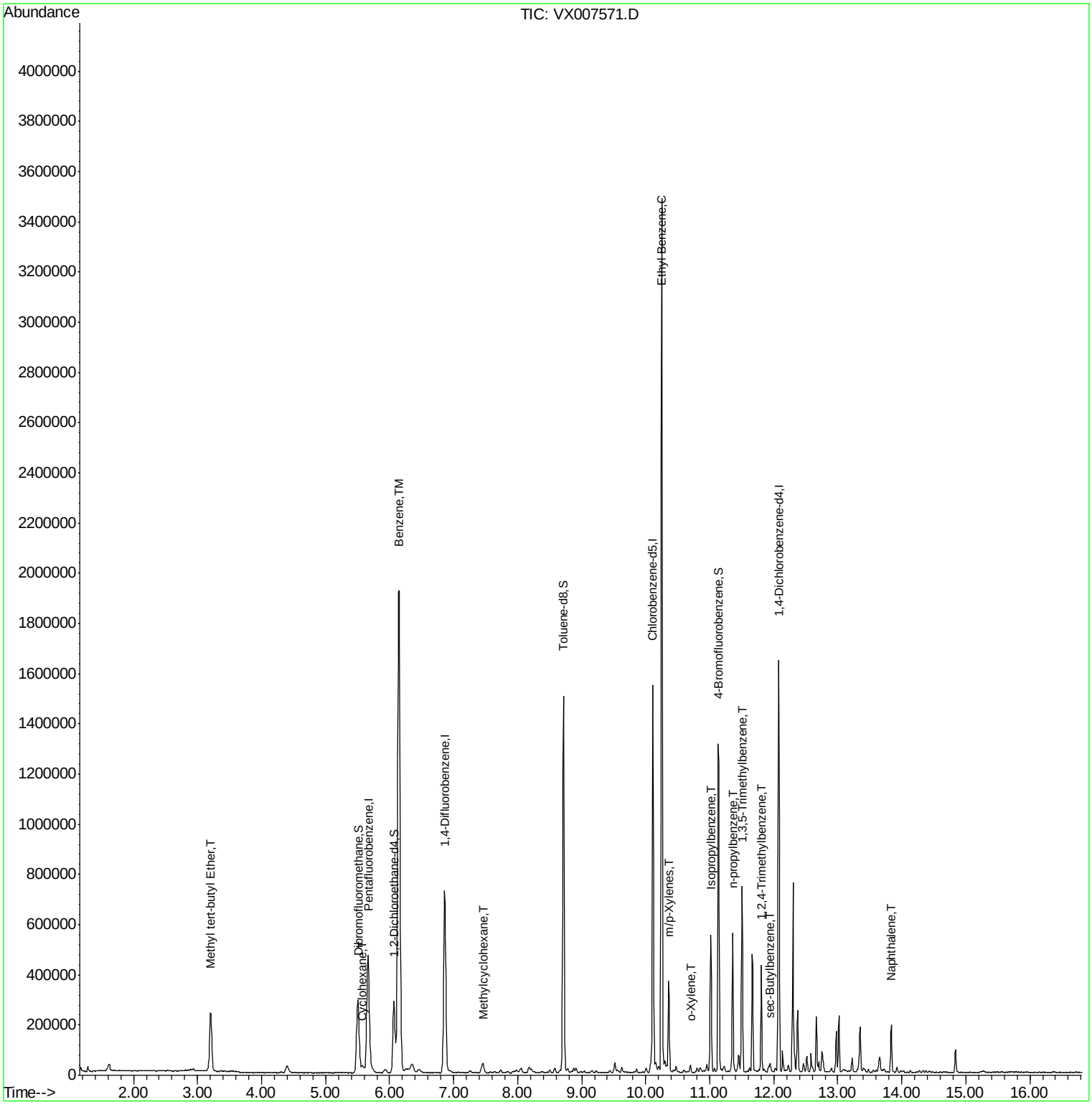
(#) = qualifier out of range (m) = manual integration (+) = signals summed

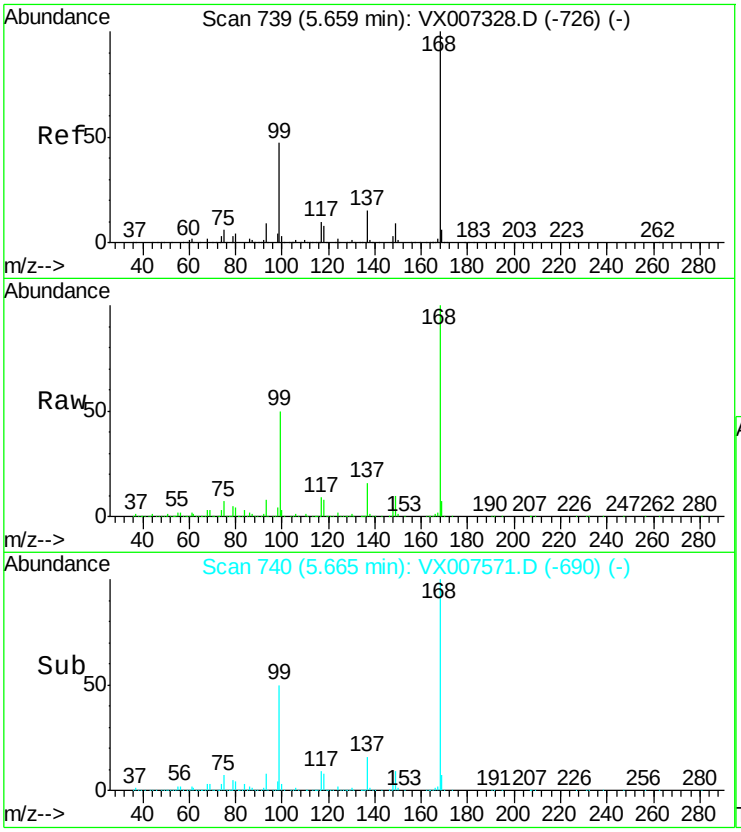
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021619\
Data File : VX007571.D
Acq On : 15 Feb 2019 16:38
Operator : JC/SP
Sample : K1474-04DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : KY001IW089-190211DL

Quant Time: Feb 16 04:22:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration



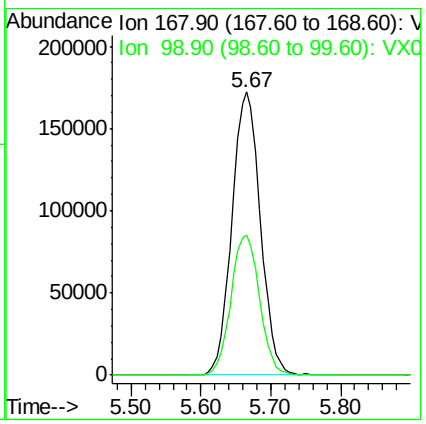


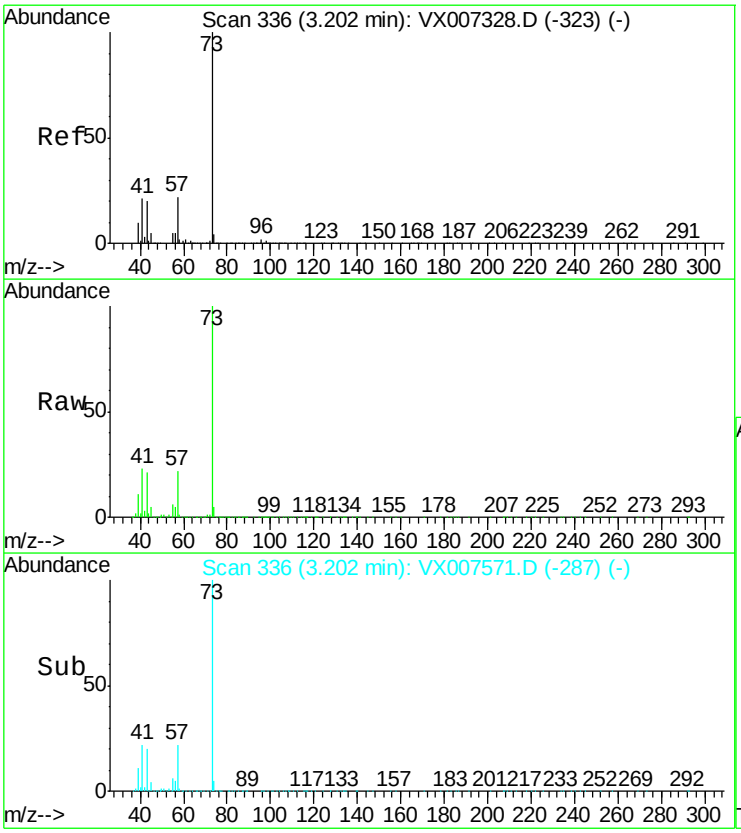
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion:168 Resp: 485992

Ion	Ratio	Lower	Upper
168	100		
99	49.7	37.9	56.9

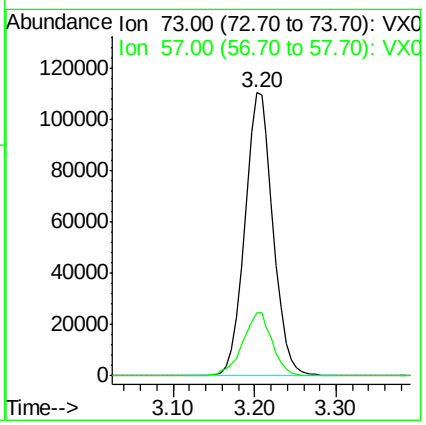


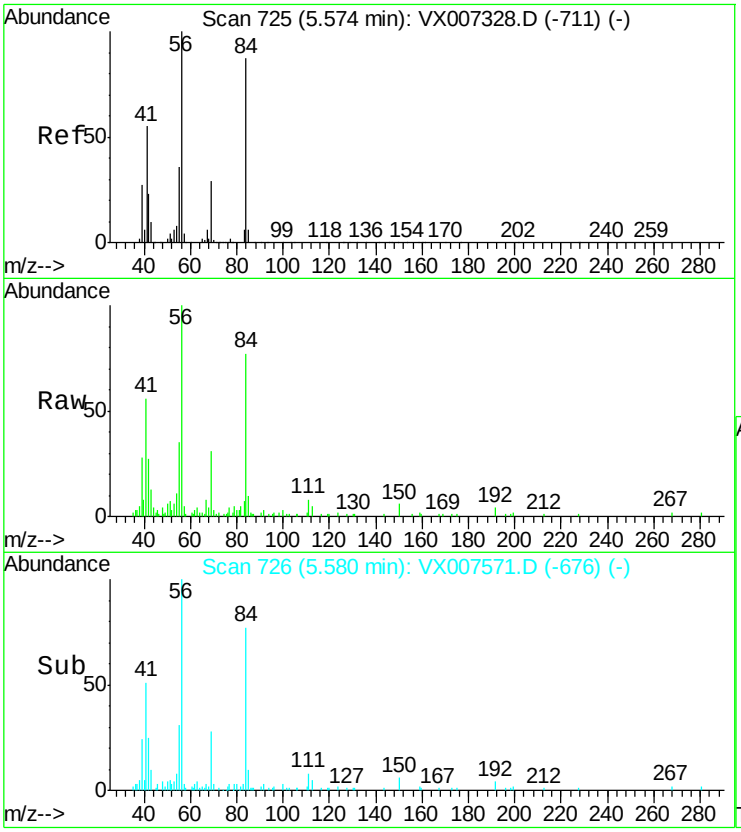


#19
Methyl tert-butyl Ether
Concen: 17.619 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 73 Resp: 264865

Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.8



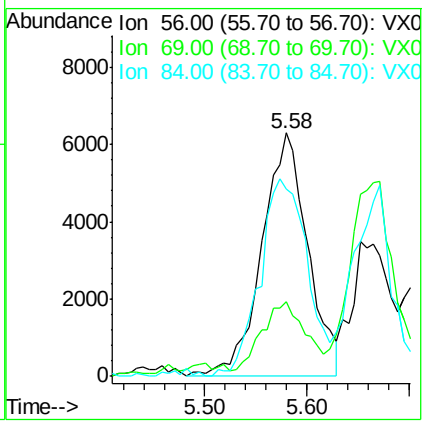


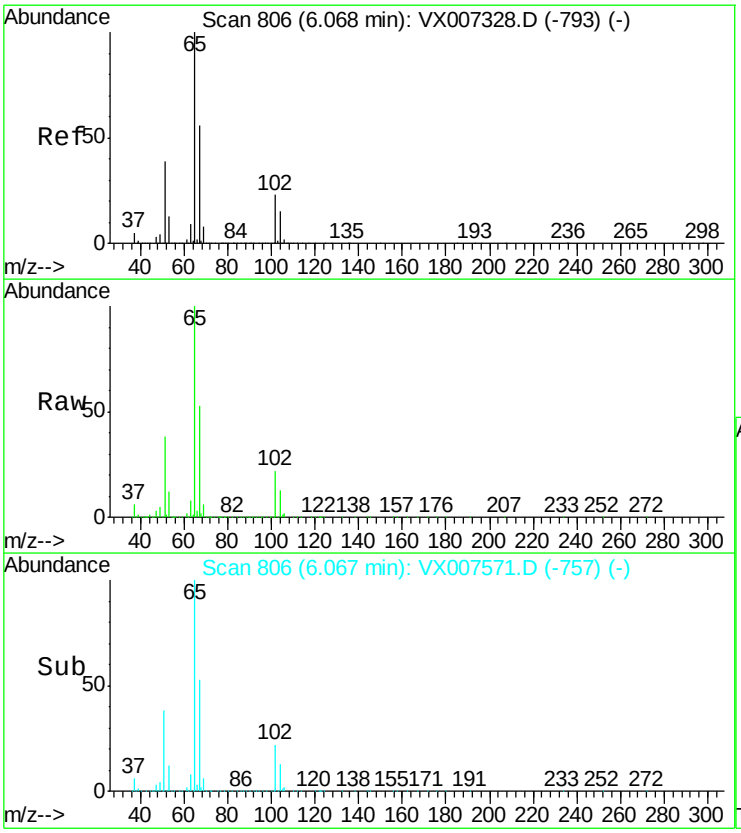
#31
Cyclohexane
Concen: 2.749 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion: 56 Resp: 19720

Ion	Ratio	Lower	Upper
56	100		
69	27.8	23.0	34.6
84	73.8	69.8	104.6

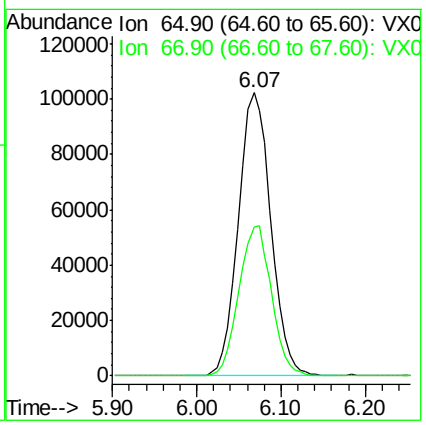


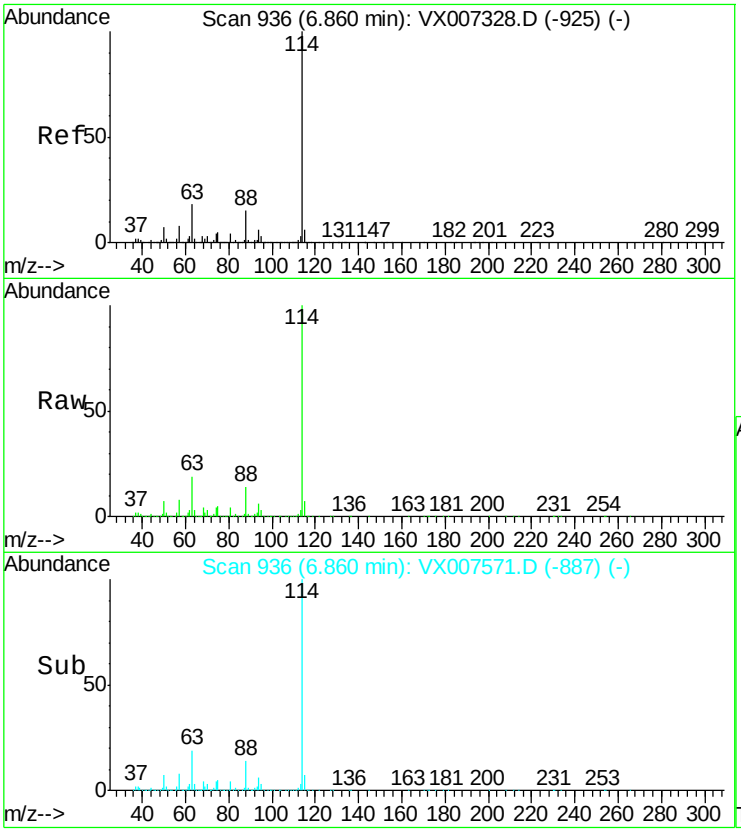


#33
1,2-Dichloroethane-d4
Concen: 51.500 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 65 Resp: 265658

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8



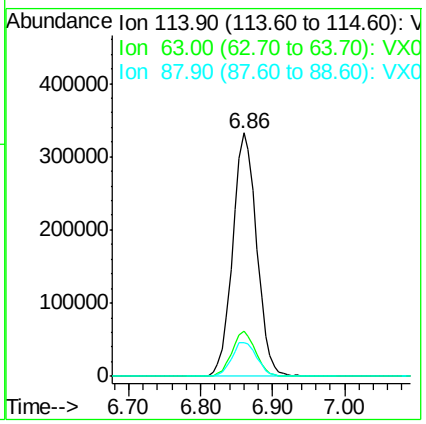


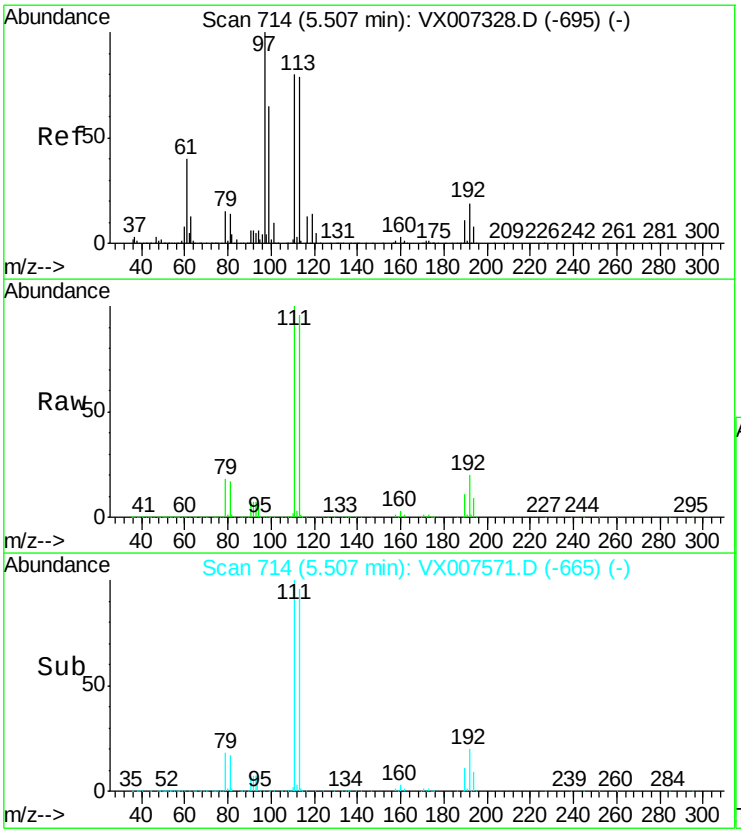
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion:114 Resp: 770850

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	35.6
88	13.9	0.0	29.6

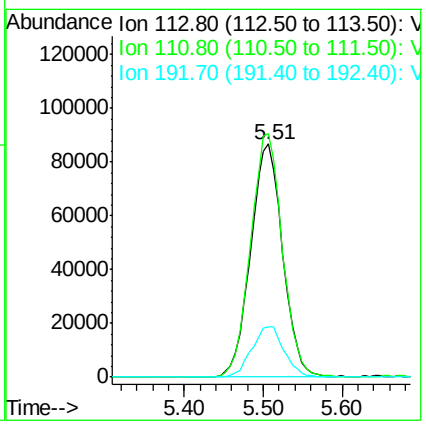


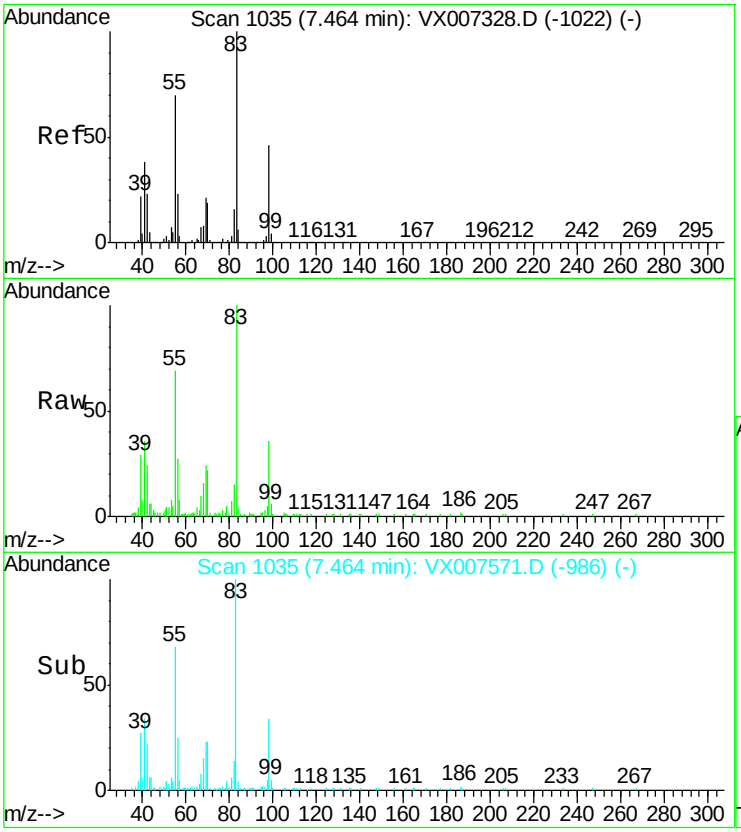


#35
Dibromofluoromethane
Concen: 48.753 ug/l
RT: 5.51 min Scan# 714
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion:113 Resp: 244527

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.8
192	22.0	18.5	27.7



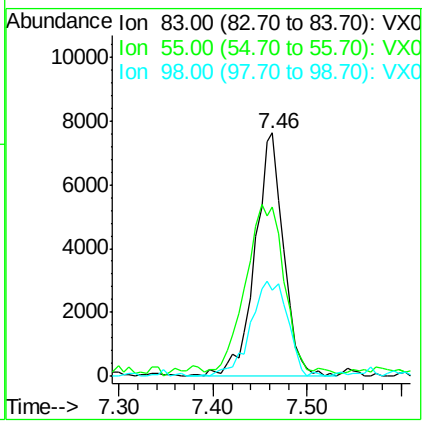


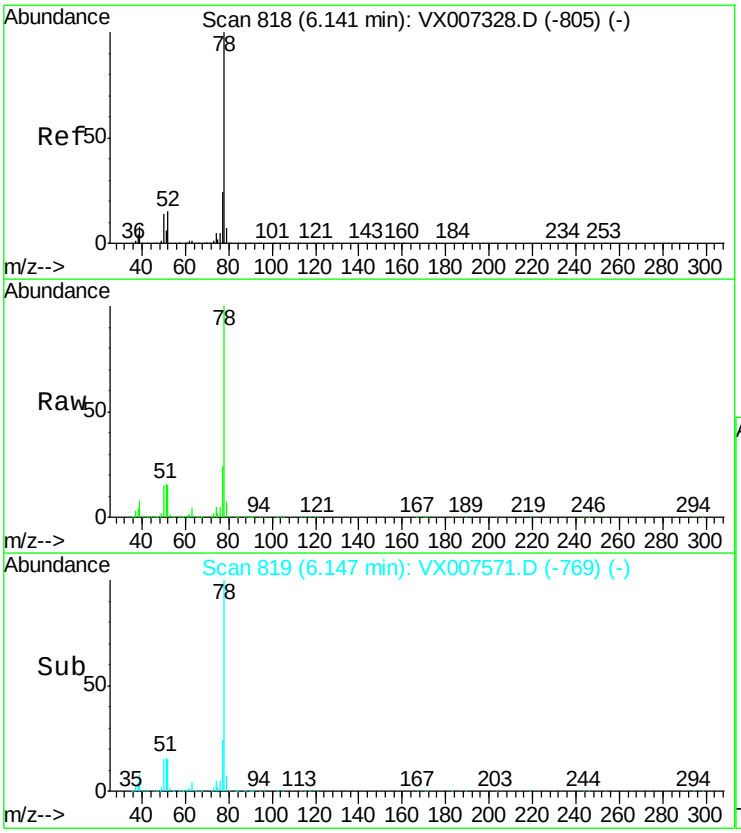
#39
Methylcyclohexane
Concen: 1.942 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion: 83 Resp: 16253

Ion	Ratio	Lower	Upper
83	100		
55	66.5	56.2	84.2
98	35.6	36.8	55.2#

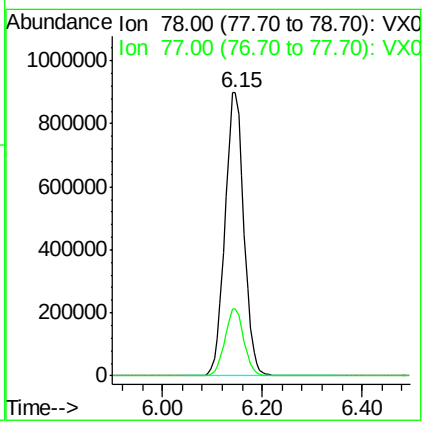


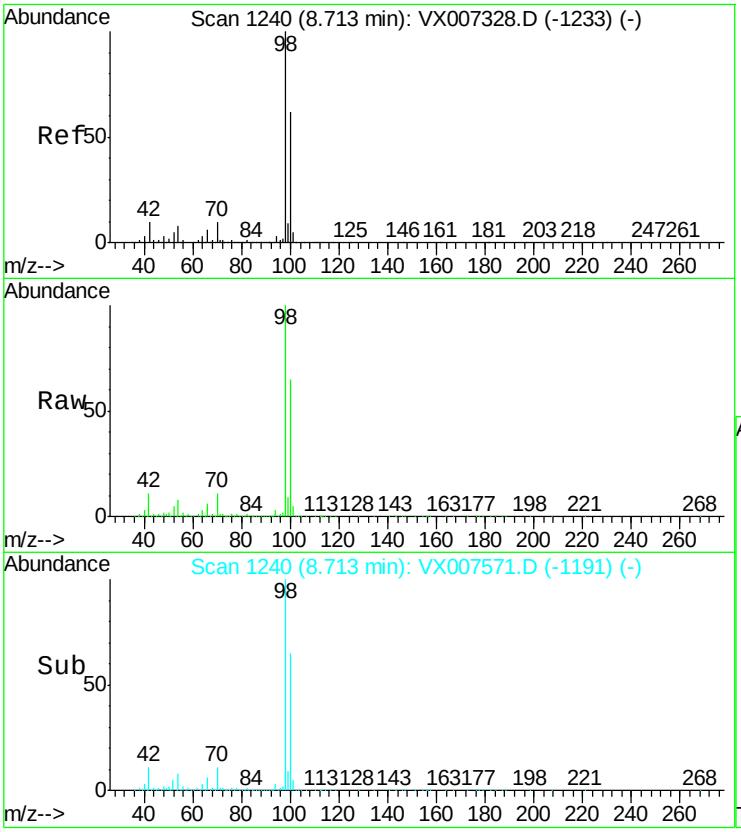


#40
Benzene
Concen: 116.188 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 78 Resp: 2367159

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9



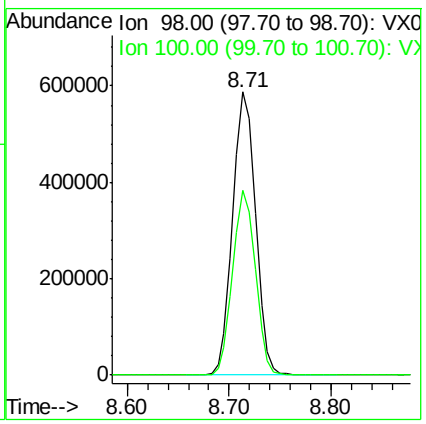


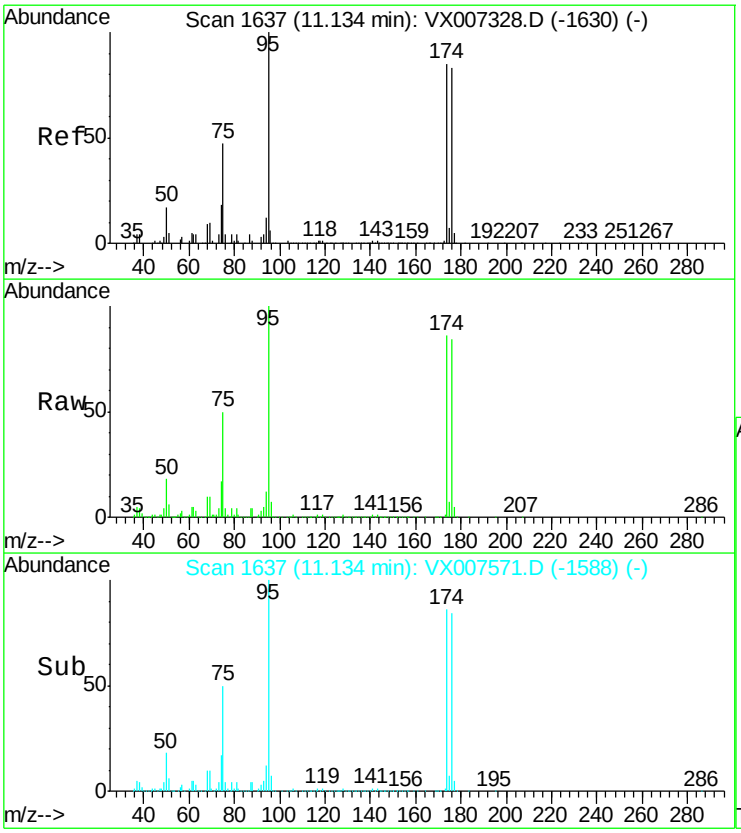
#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion: 98 Resp: 908809

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.6	77.4

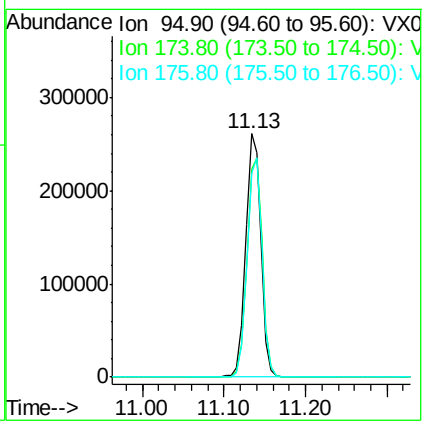


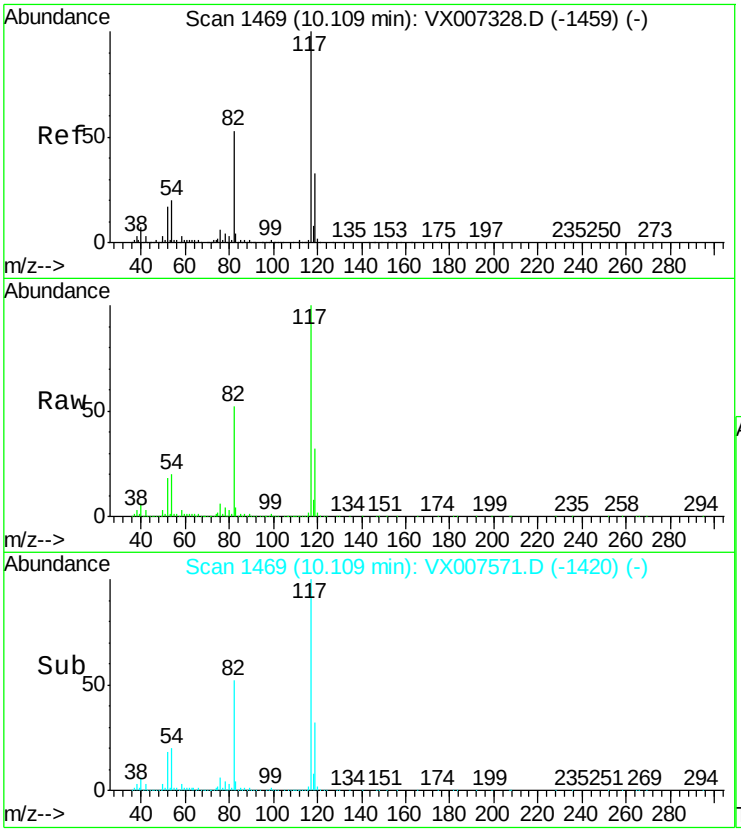


#62
4-Bromofluorobenzene
Concen: 49.090 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 95 Resp: 333521

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	189.2
176	89.6	0.0	186.2



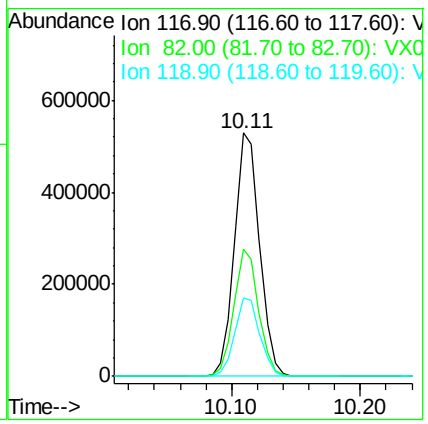


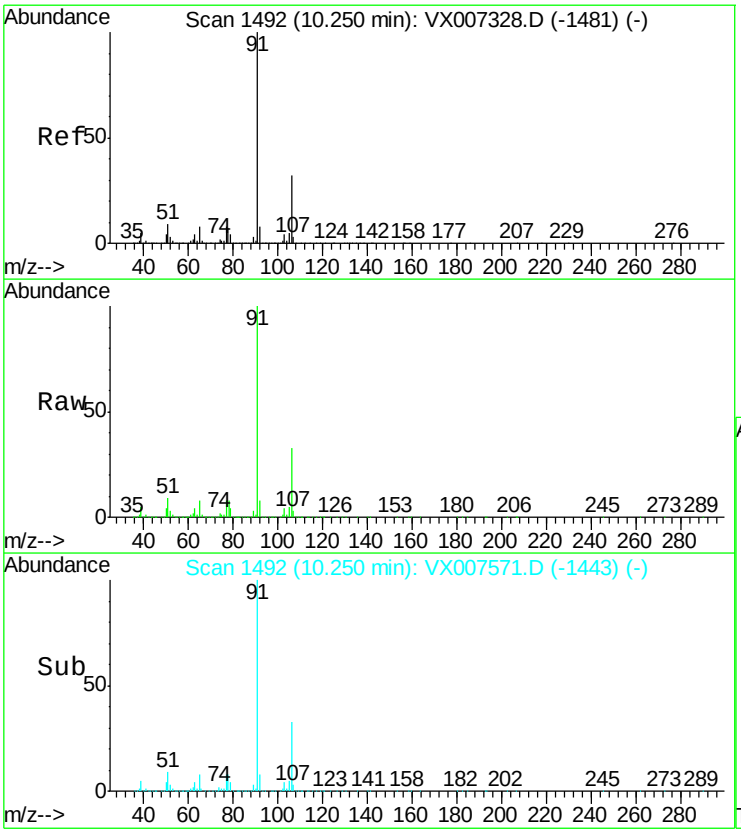
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument : MSVOA_X
ClientSampleId : KY001IW089-190211DL

Tgt Ion:117 Resp: 720411

Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.1	63.1
119	32.3	26.5	39.7

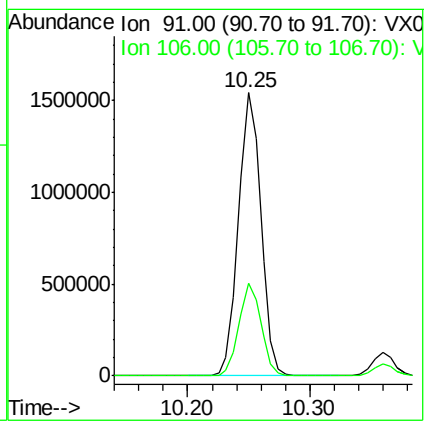


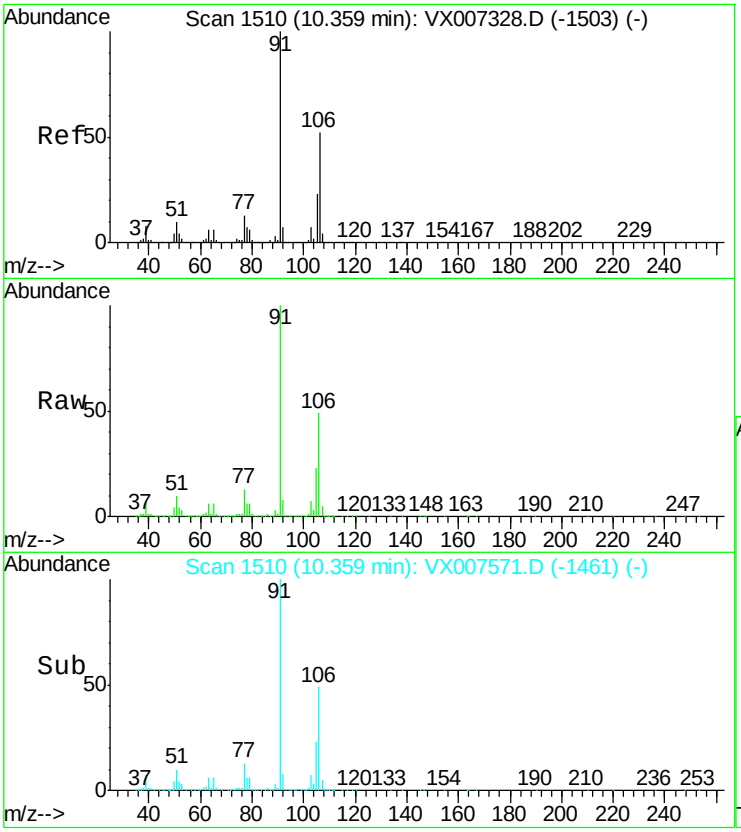


#67
Ethyl Benzene
Concen: 77.162 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion: 91 Resp: 1953455

Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.4	38.0



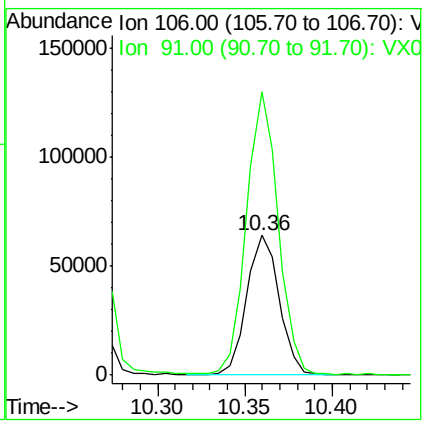


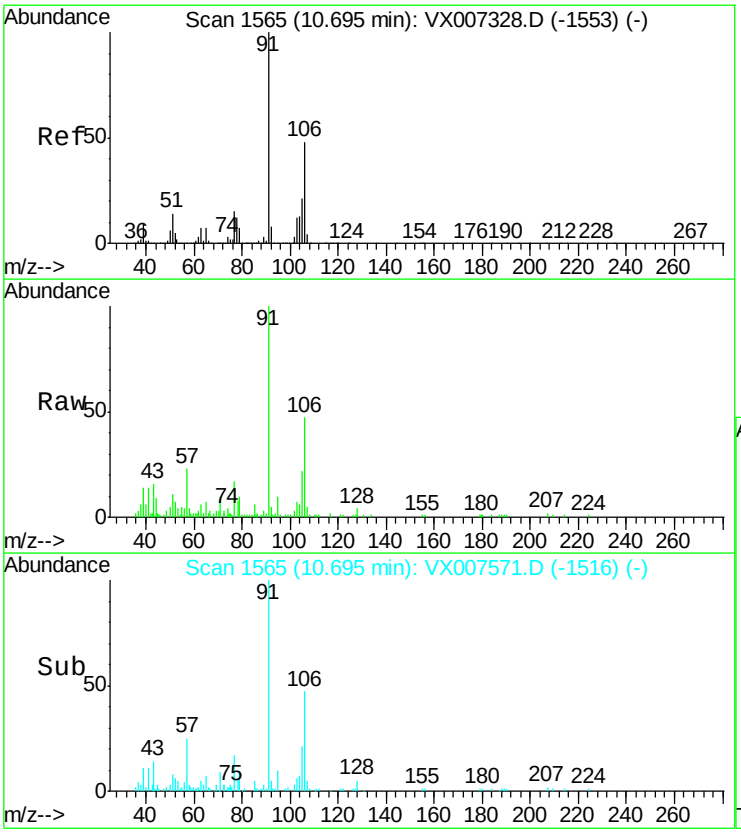
#68
m/p-Xylenes
Concen: 8.166 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion:106 Resp: 82177

Ion	Ratio	Lower	Upper
106	100		
91	199.5	156.6	234.8

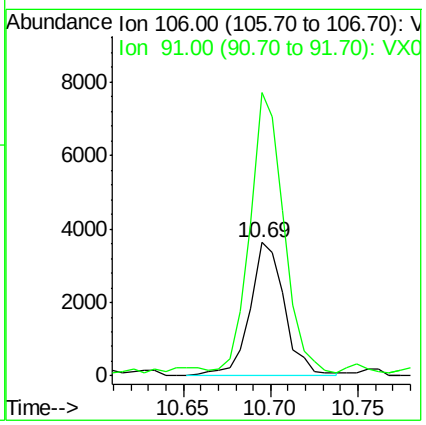


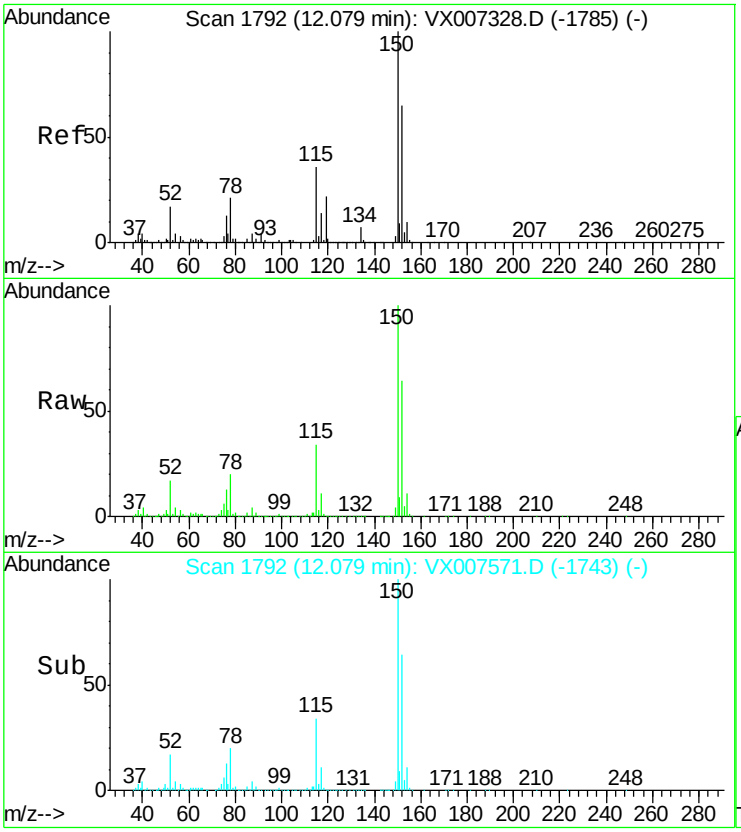


#69
o-Xylene
Concen: 0.523 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion:106 Resp: 5061

Ion	Ratio	Lower	Upper
106	100		
91	202.8	102.9	308.7



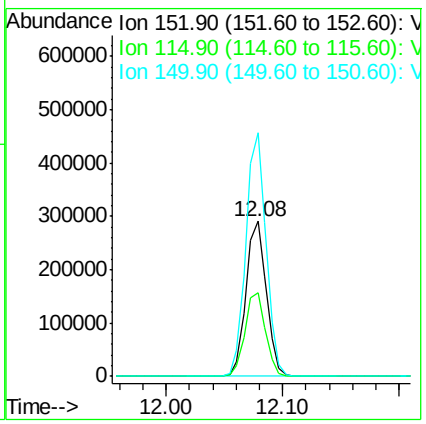


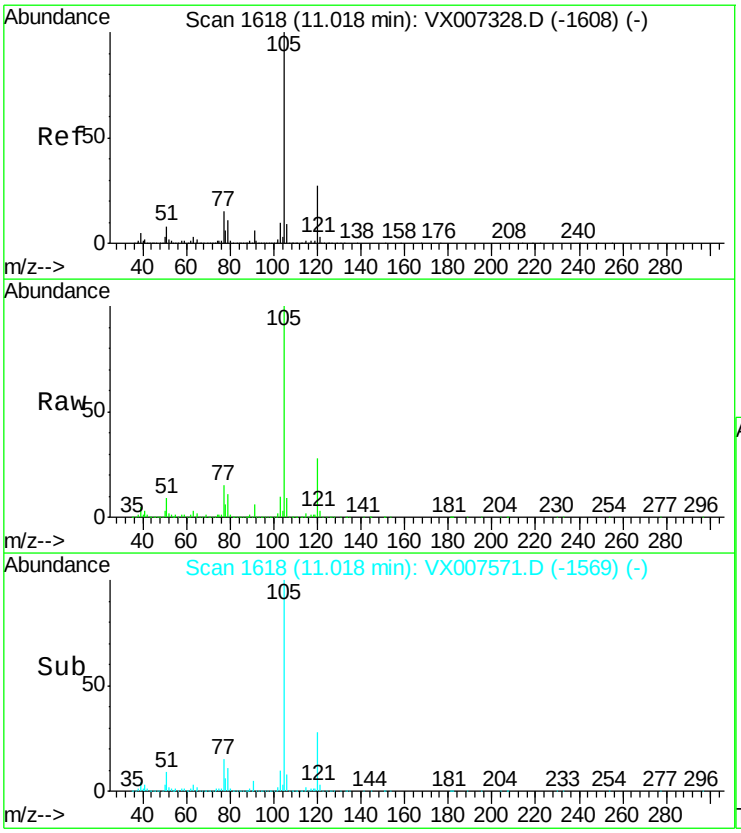
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument : MSVOA_X
ClientSampleId : KY001IW089-190211DL

Tgt Ion:152 Resp: 357105

Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.0	114.0
150	155.5	0.0	346.4

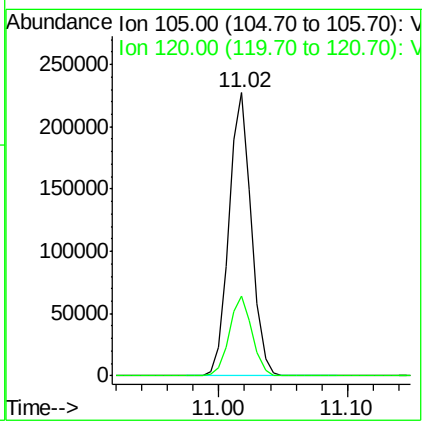


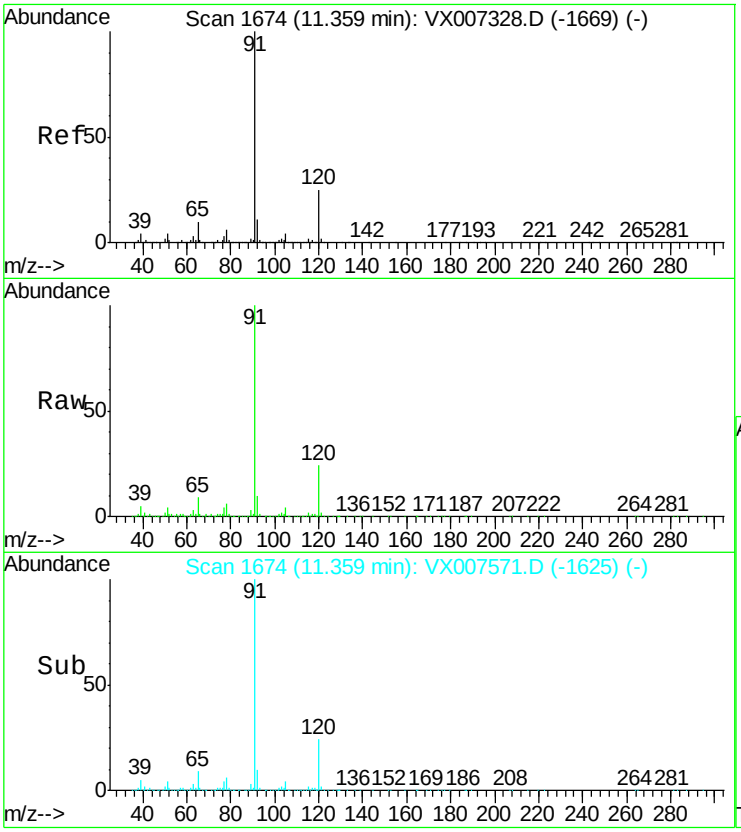


#73
Isopropylbenzene
Concen: 11.413 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion:105 Resp: 276971

Ion	Ratio	Lower	Upper
105	100		
120	28.4	13.6	40.7



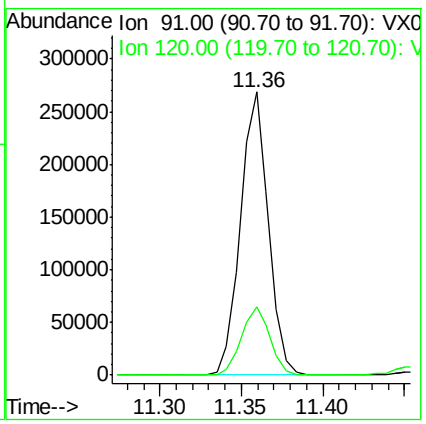


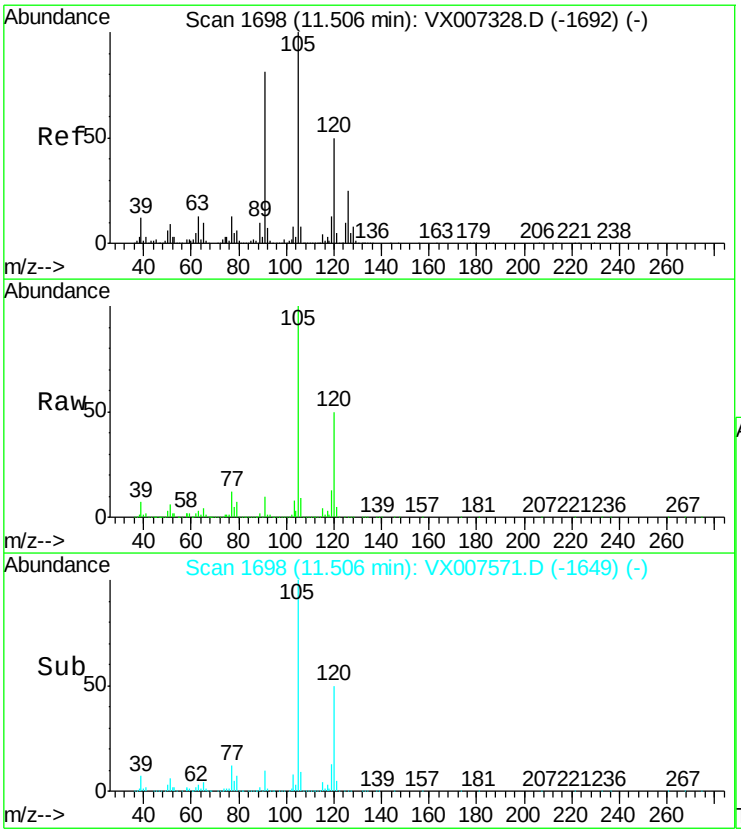
#78
n-propylbenzene
Concen: 12.012 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument : MSVOA_X
ClientSampleId : KY001IW089-190211DL

Tgt Ion: 91 Resp: 319654

Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.4	37.2

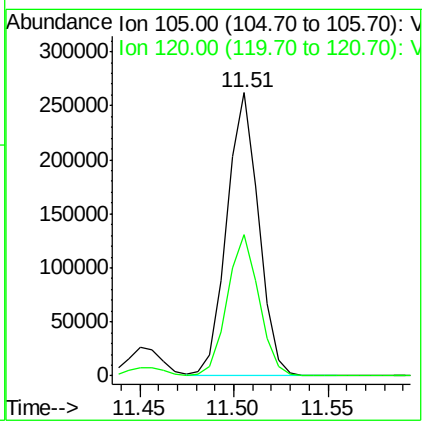


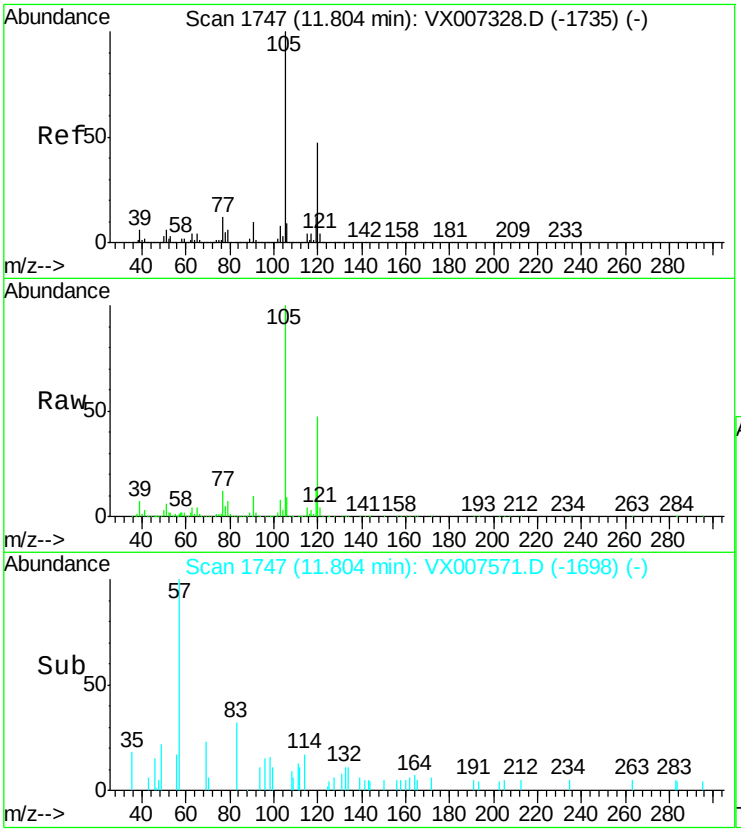


#80
1,3,5-Trimethylbenzene
Concen: 15.402 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion:105 Resp: 305785

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.3	75.8



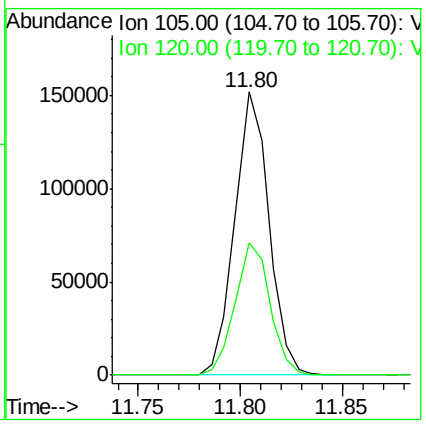


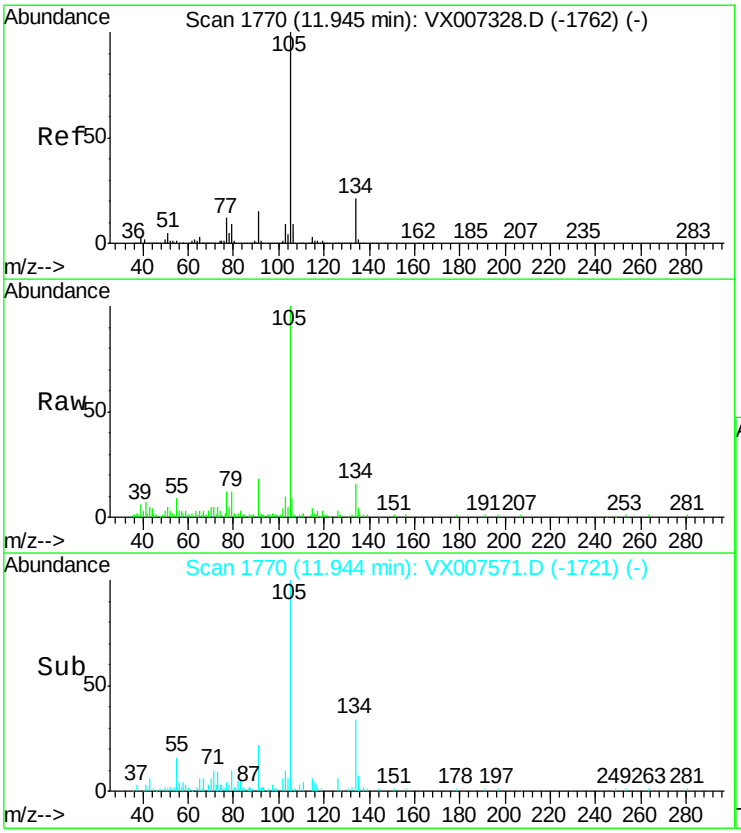
#84
1,2,4-Trimethylbenzene
Concen: 8.748 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion:105 Resp: 176334

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.1	69.3

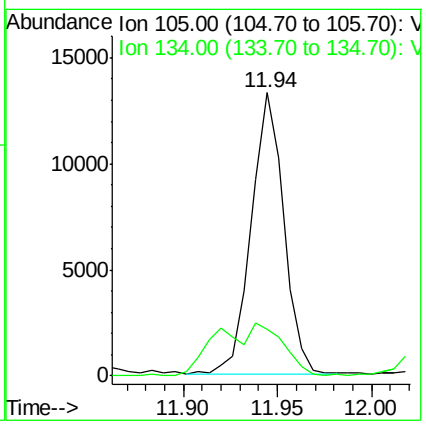


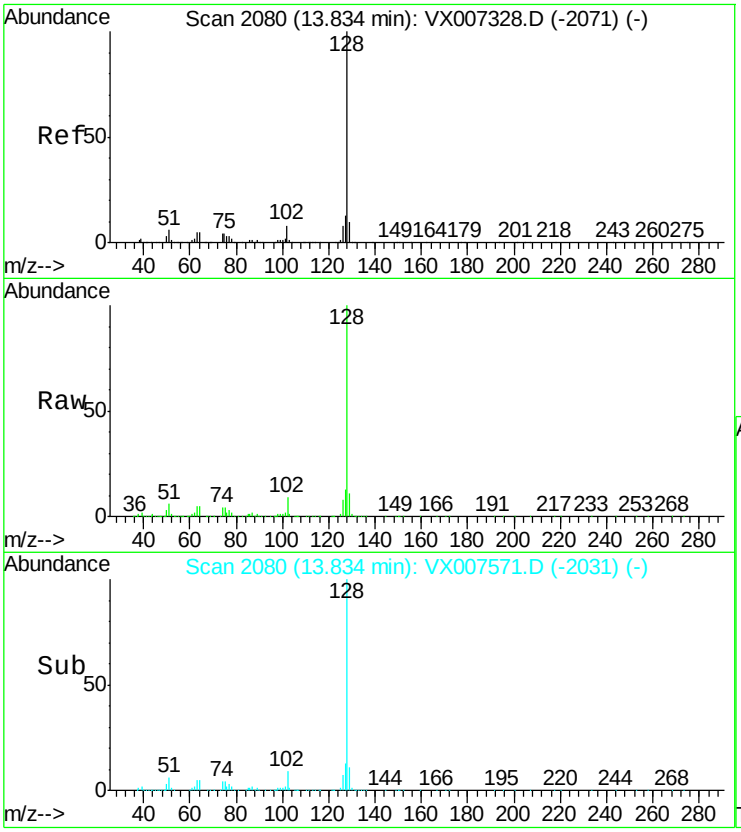


#85
sec-Butylbenzene
Concen: 0.665 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Tgt Ion:105 Resp: 15823

Ion	Ratio	Lower	Upper
105	100		
134	19.2	10.6	31.8





#95
Naphthalene
Concen: 4.801 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007571.D
Acq: 15 Feb 2019 16:38

Instrument :
MSVOA_X
ClientSampleId :
KY001IW089-190211DL

Tgt Ion:128 Resp: 115632

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	11.0	8.7	13.1