Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052319\
Data File : VX009864.D
Acq On : 23 May 2019 17:28
Operator : JC/SP
Sample : K2976-03DL 250X
Misc : 6.55g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-SB-E3-4R(14-17)DL

Quant Time: May 31 08:14:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	293742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125651	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
35) Dibromofluoromethane	5.50	113	88826	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.20%			
50) Toluene-d8	8.71	98	372903	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.04%			
62) 4-Bromofluorobenzene	11.13	95	131755	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
Target Compounds						Qvalue
73) Isopropylbenzene	11.02	105	13294	1.513	ug/l	97
78) n-propylbenzene	11.36	91	41298	4.117	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	58420	7.898	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	208839	28.129	ug/l	100
85) sec-Butylbenzene	11.94	105	24783	2.905	ug/l	99
86) p-Isopropyltoluene	12.06	119	21205	2.765	ug/l	98
89) n-Butylbenzene	12.38	91	33132	4.780	ug/l #	52

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

Quantitation Report (QT Reviewed)

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Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

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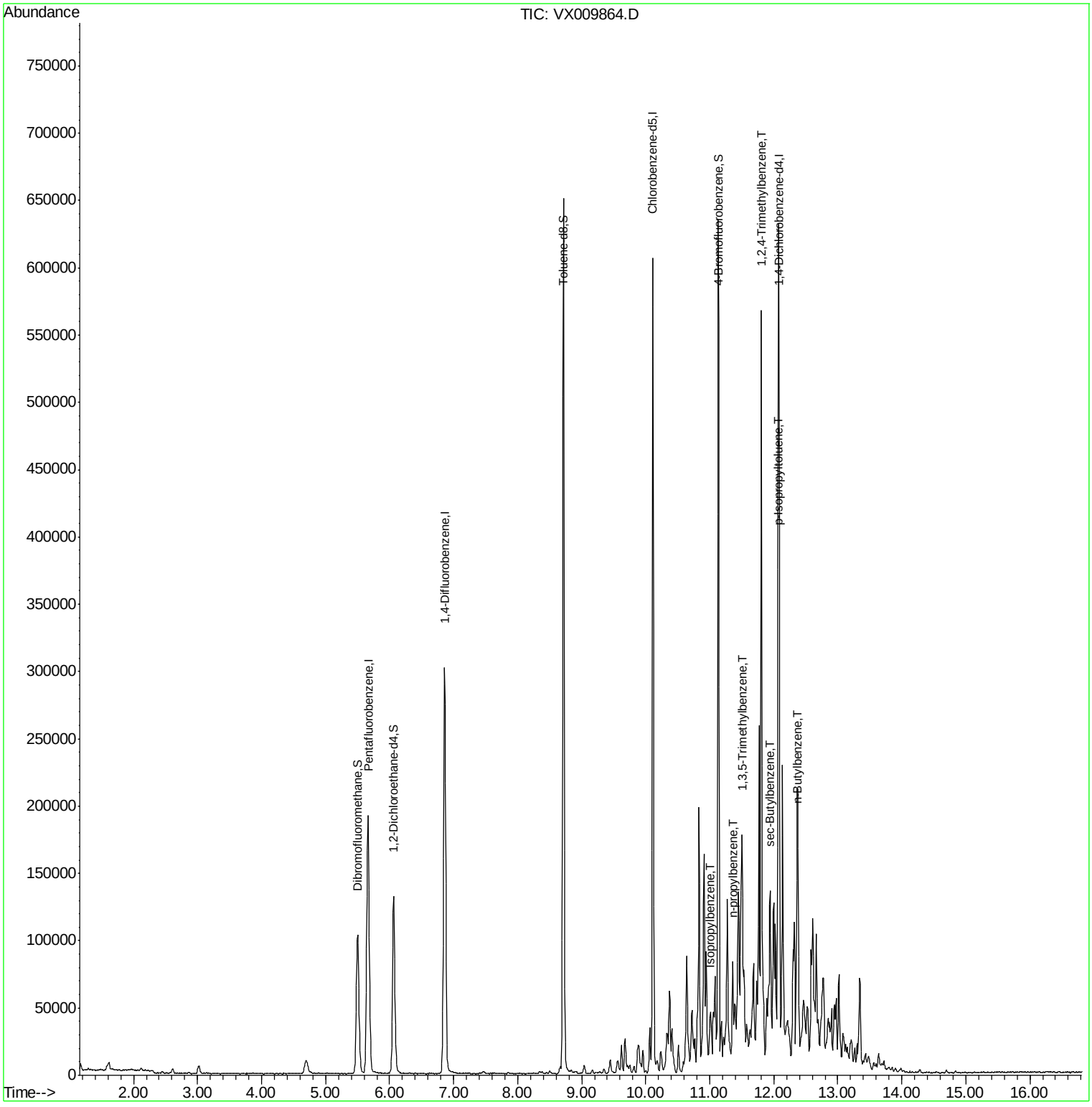
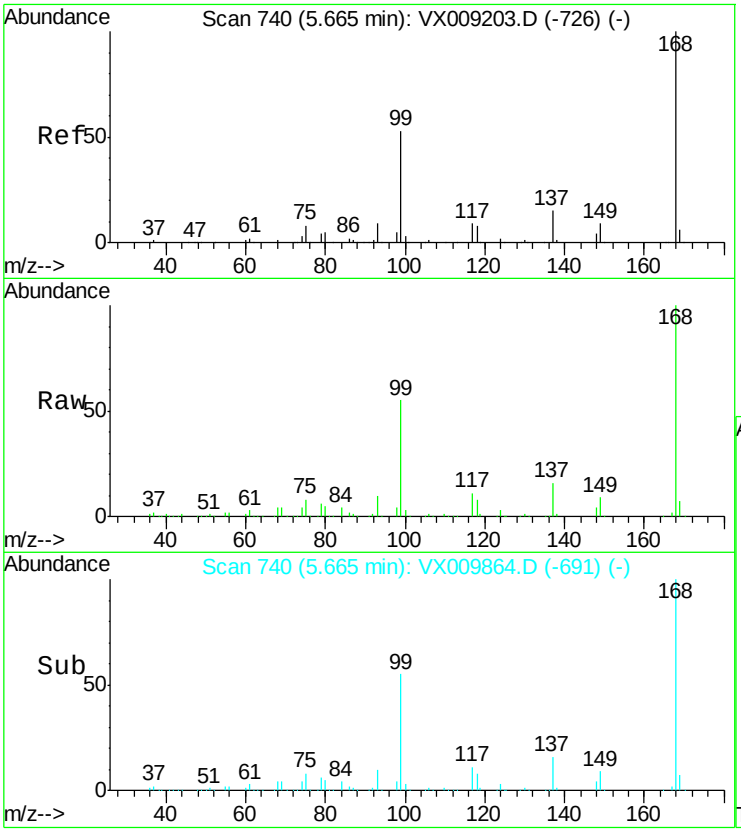
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration



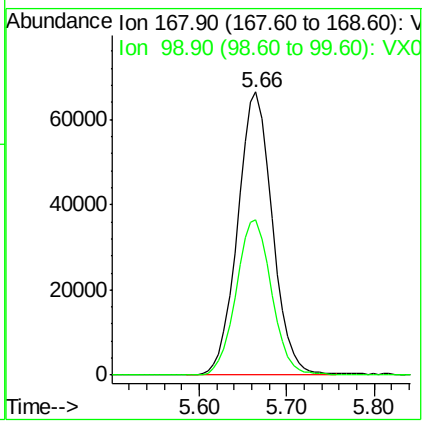


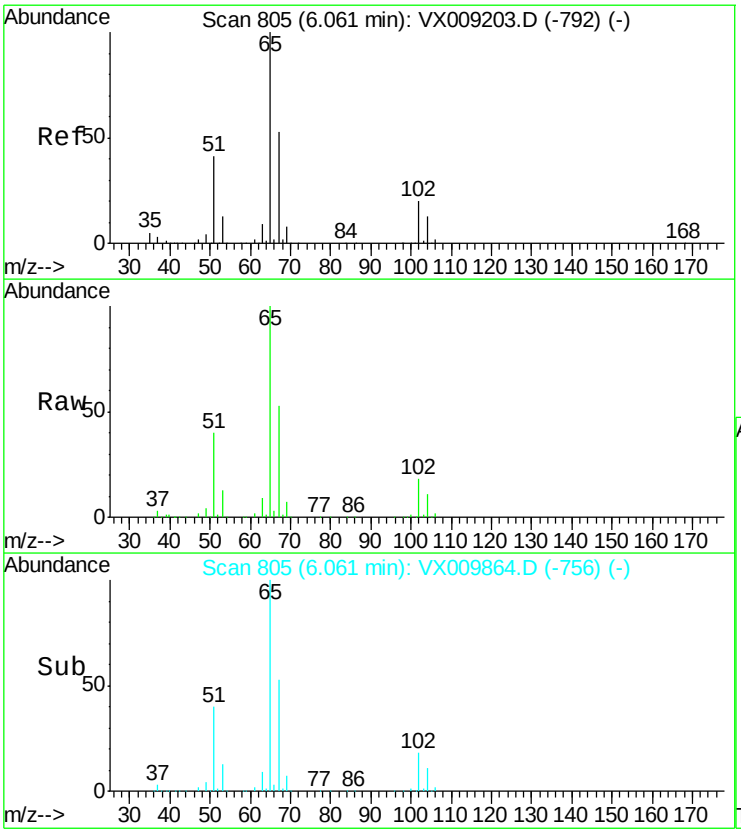
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:168 Resp: 183094

Ion	Ratio	Lower	Upper
168	100		
99	54.9	42.3	63.5

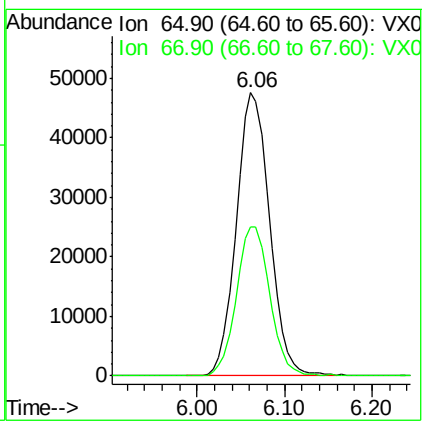


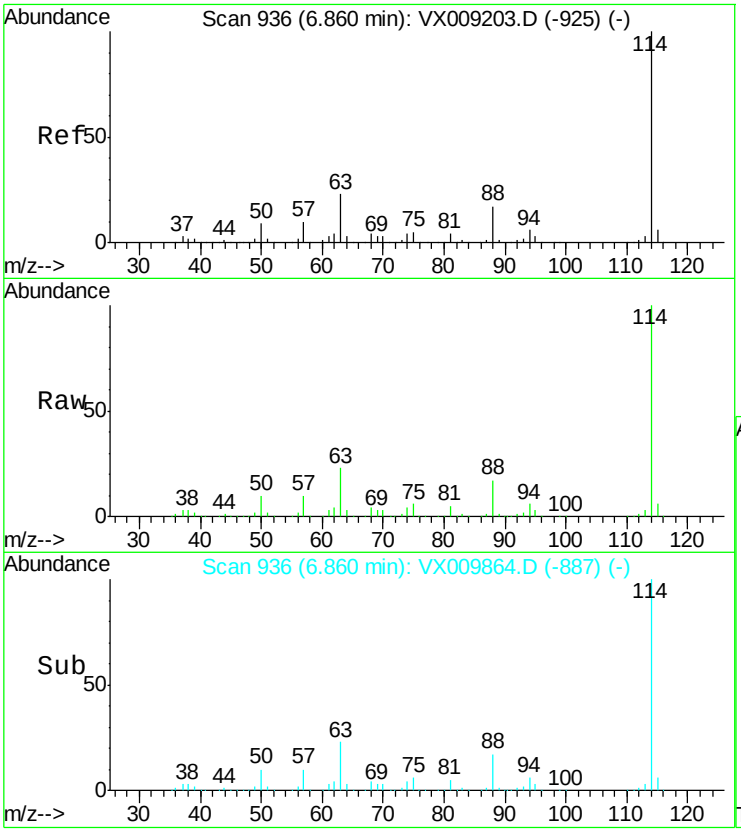


#33
1,2-Dichloroethane-d4
Concen: 50.271 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 65 Resp: 125651

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6



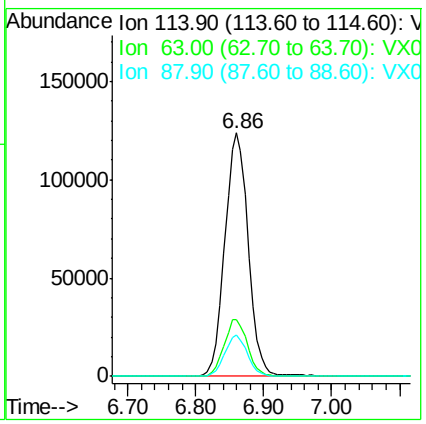


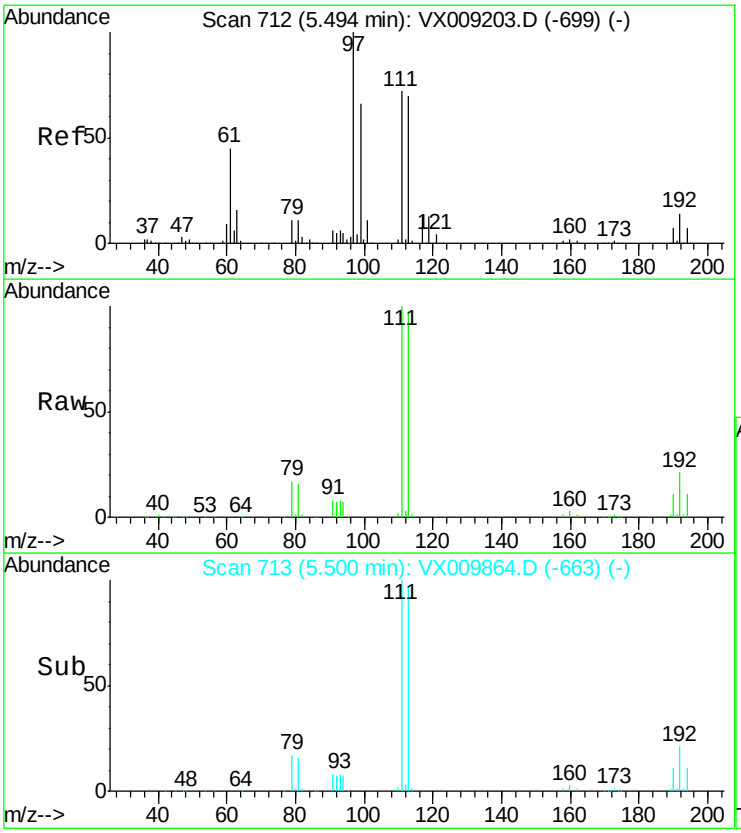
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:114 Resp: 293742

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	17.1	0.0	33.2

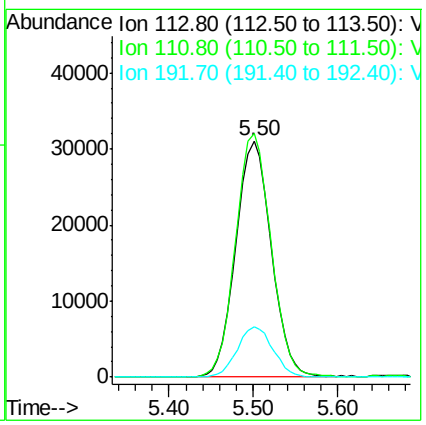


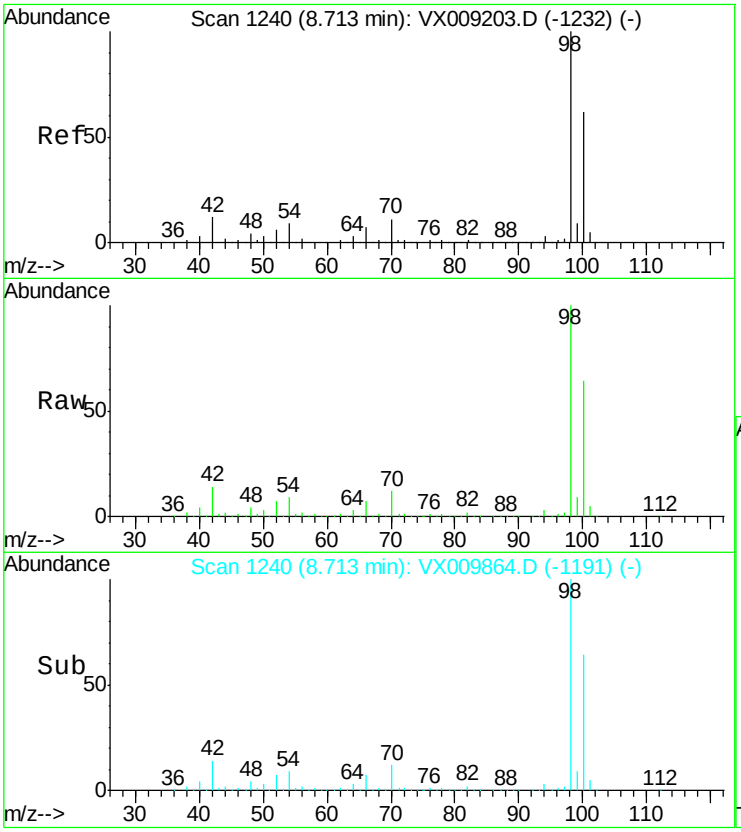


#35
Dibromofluoromethane
Concen: 48.103 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:113 Resp: 88826

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	21.5	17.0	25.6



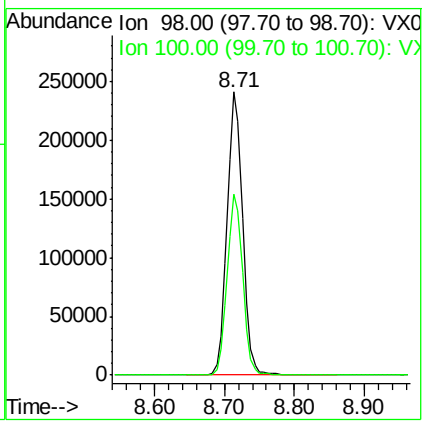


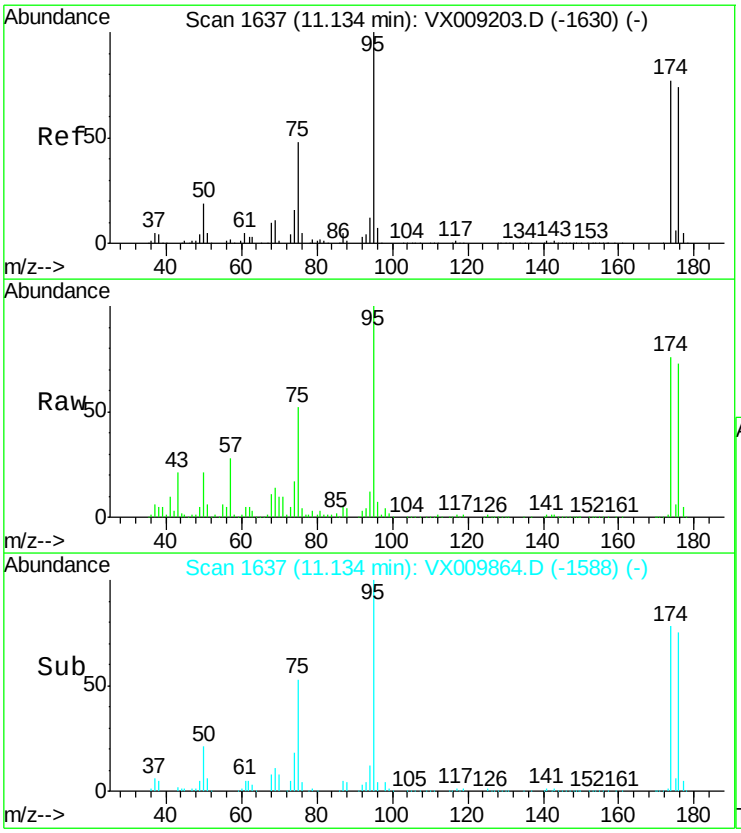
#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 98 Resp: 372903

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

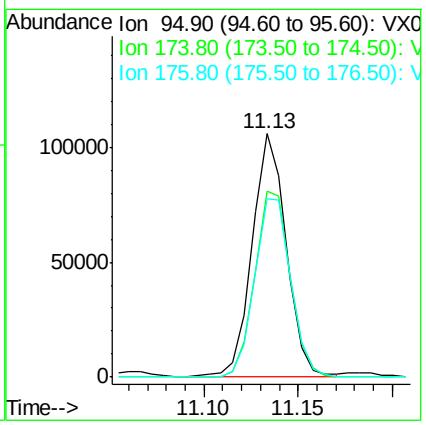


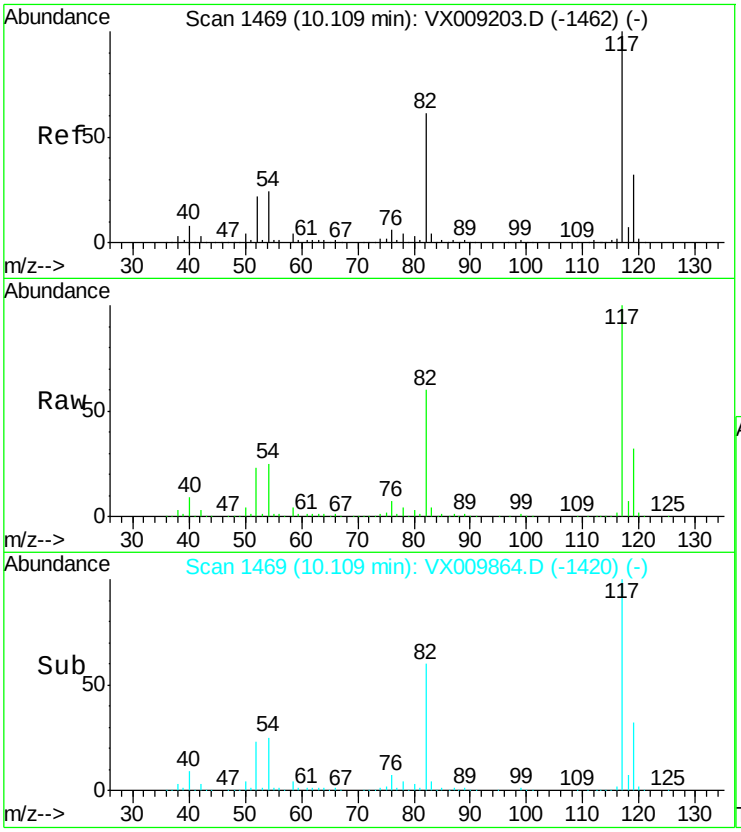


#62
4-Bromofluorobenzene
Concen: 48.638 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 95 Resp: 131755

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.6
176	78.3	0.0	159.2



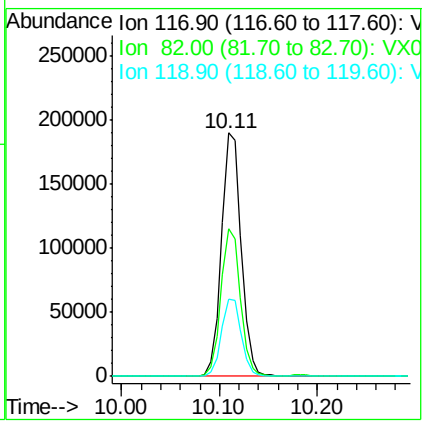


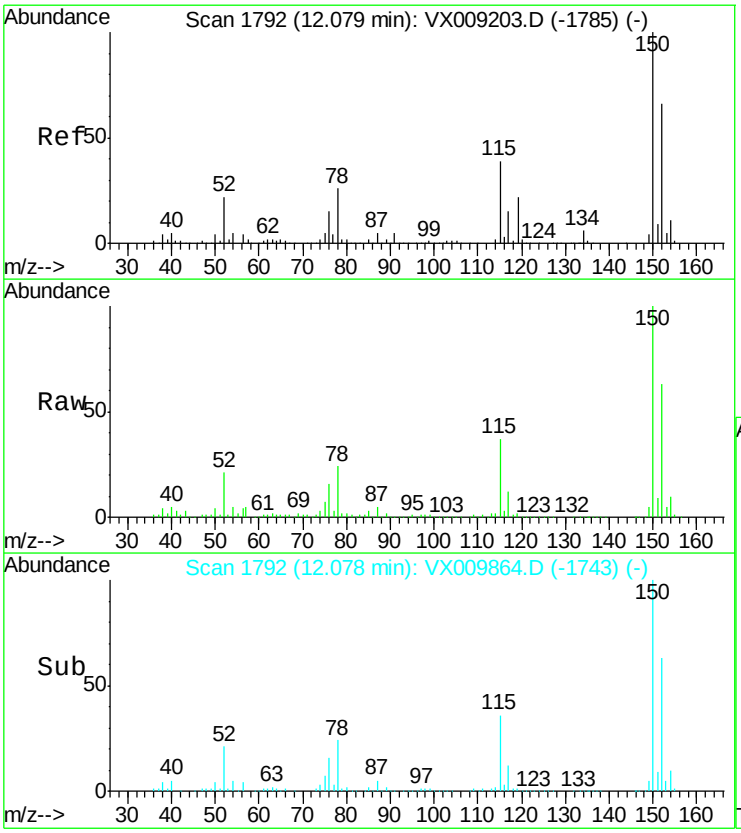
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:117 Resp: 265764

Ion	Ratio	Lower	Upper
117	100		
82	60.4	48.8	73.2
119	31.9	25.8	38.6

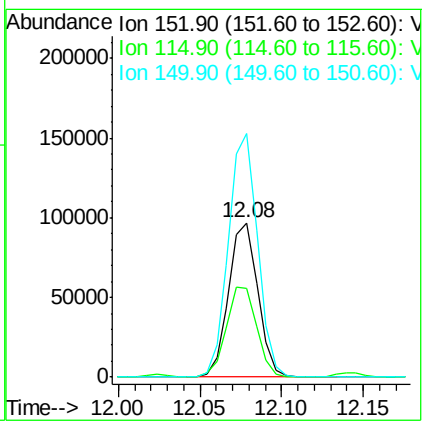


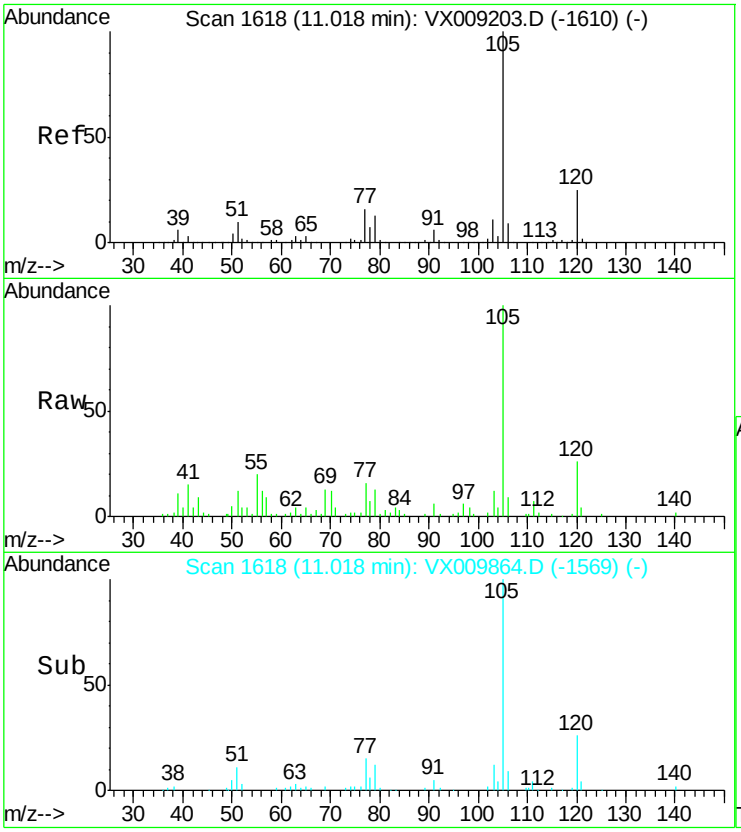


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:152 Resp: 120800

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.2	123.6
150	157.7	0.0	346.4



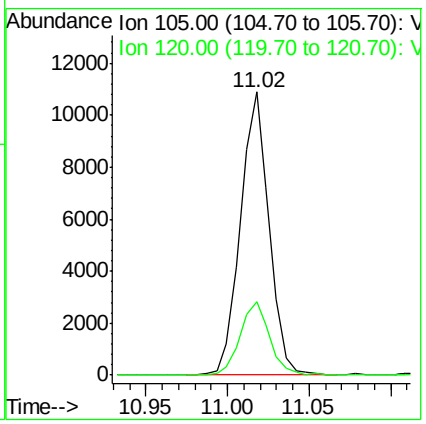


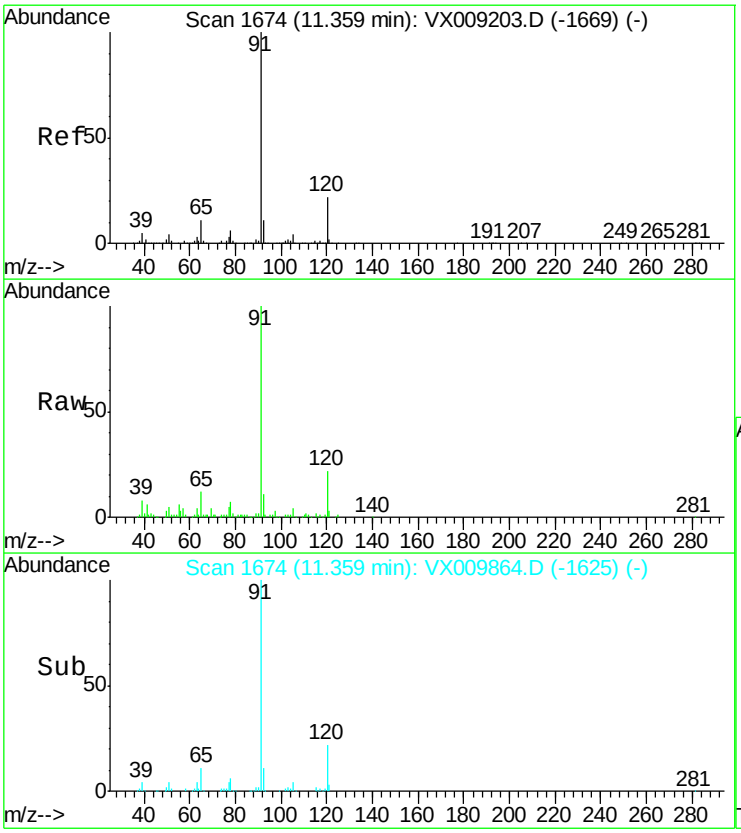
#73
Isopropylbenzene
Concen: 1.513 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 13294

Ion	Ratio	Lower	Upper
105	100		
120	26.8	12.8	38.3

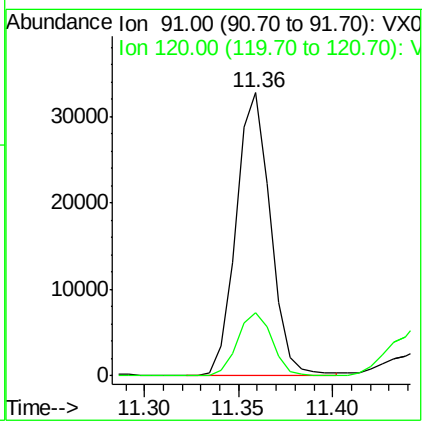


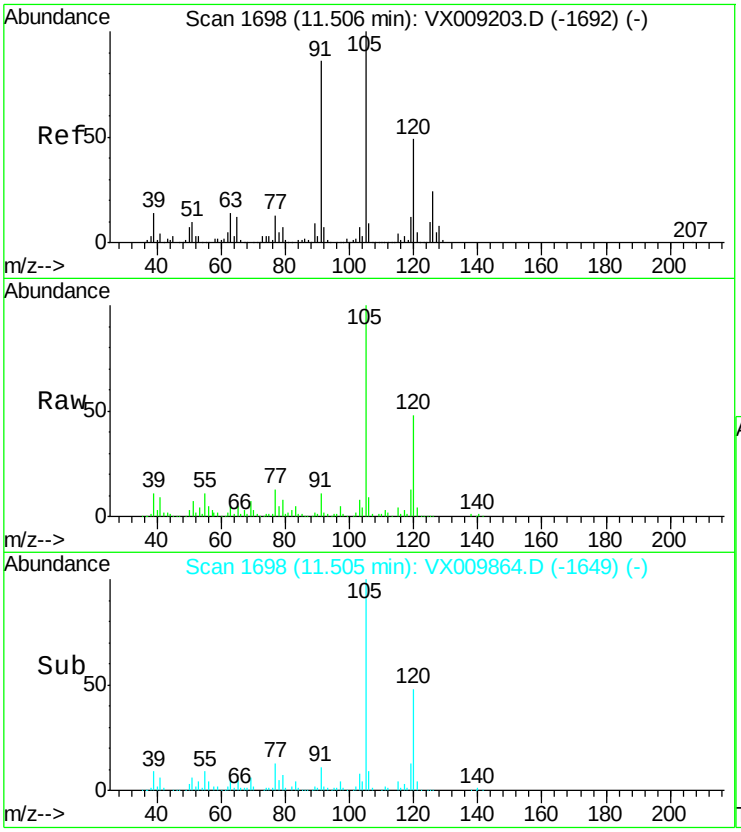


#78
n-propylbenzene
Concen: 4.117 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion: 91 Resp: 41298

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.0	33.0



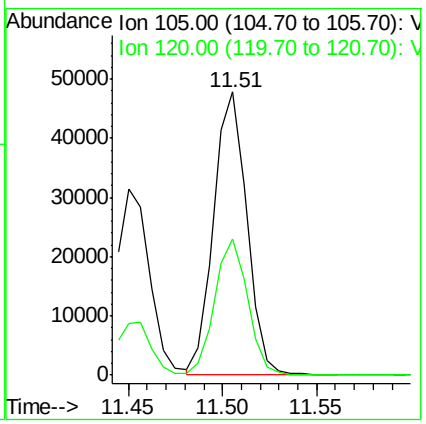


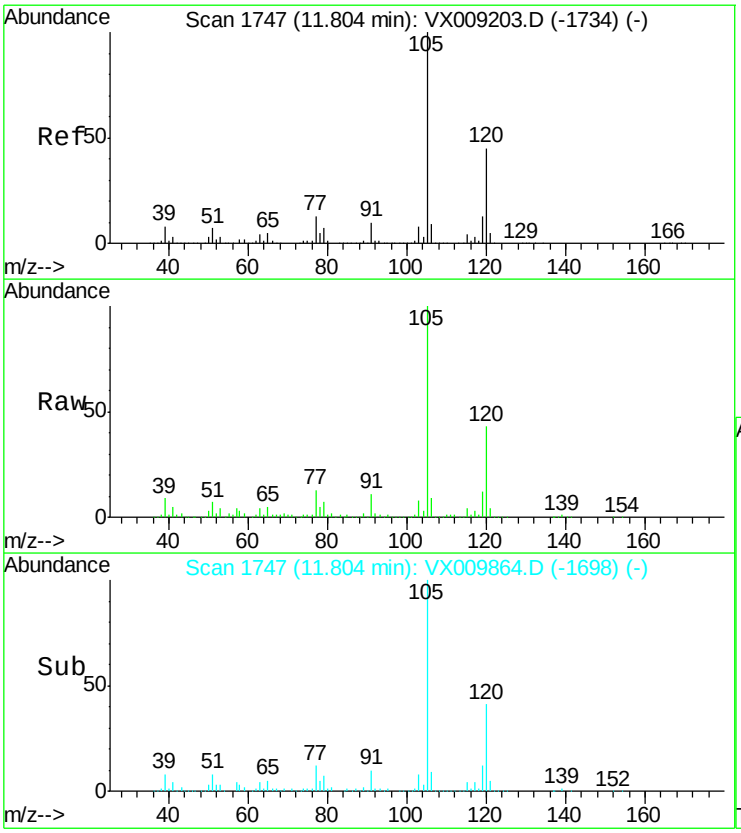
#80
1,3,5-Trimethylbenzene
Concen: 7.898 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 58420

Ion	Ratio	Lower	Upper
105	100		
120	48.1	24.3	72.9

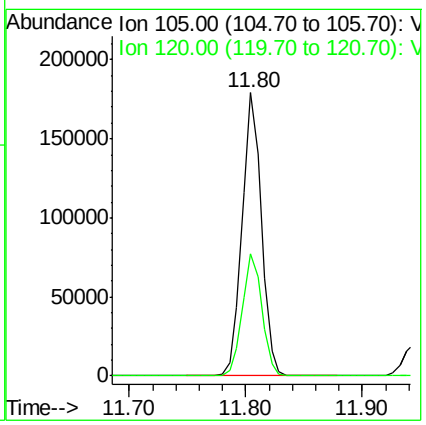


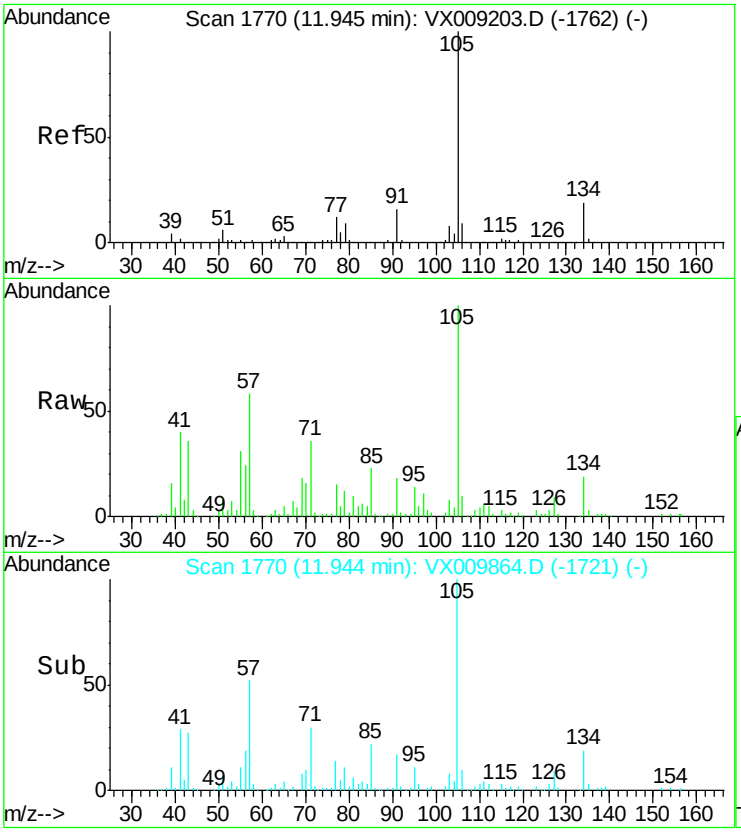


#84
1,2,4-Trimethylbenzene
Concen: 28.129 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:105 Resp: 208839

Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.0	66.0



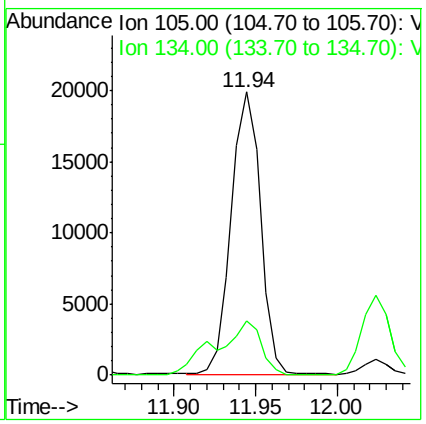


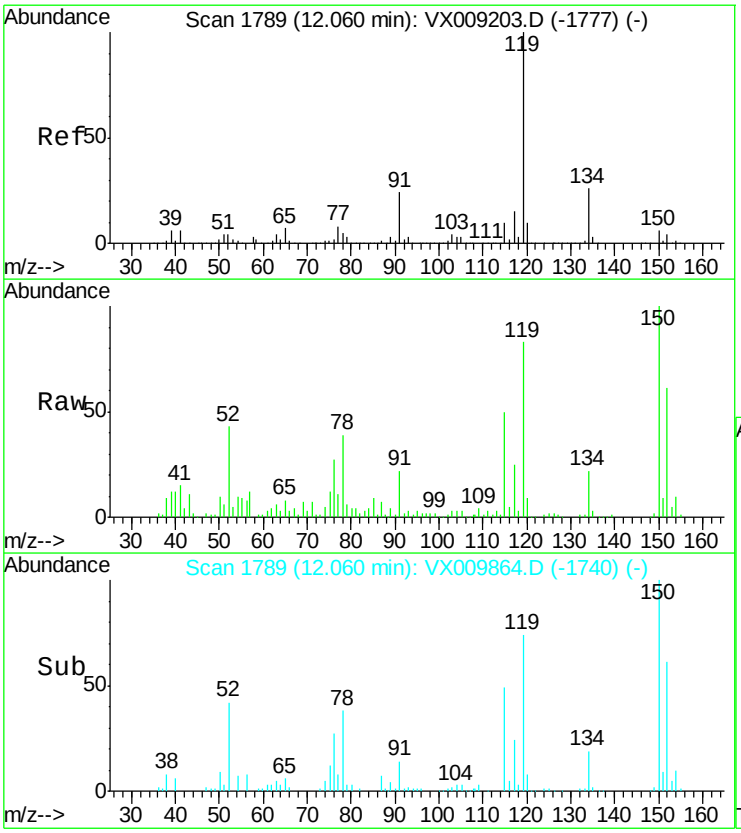
#85
sec-Butylbenzene
Concen: 2.905 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion:105 Resp: 24783

Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9

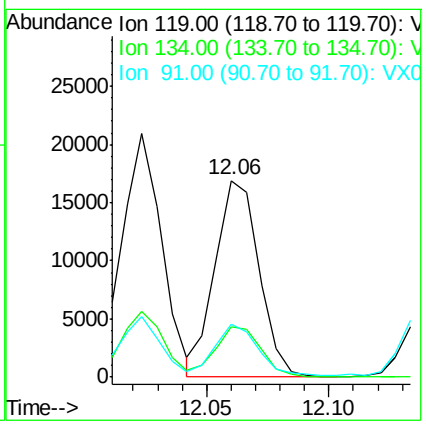


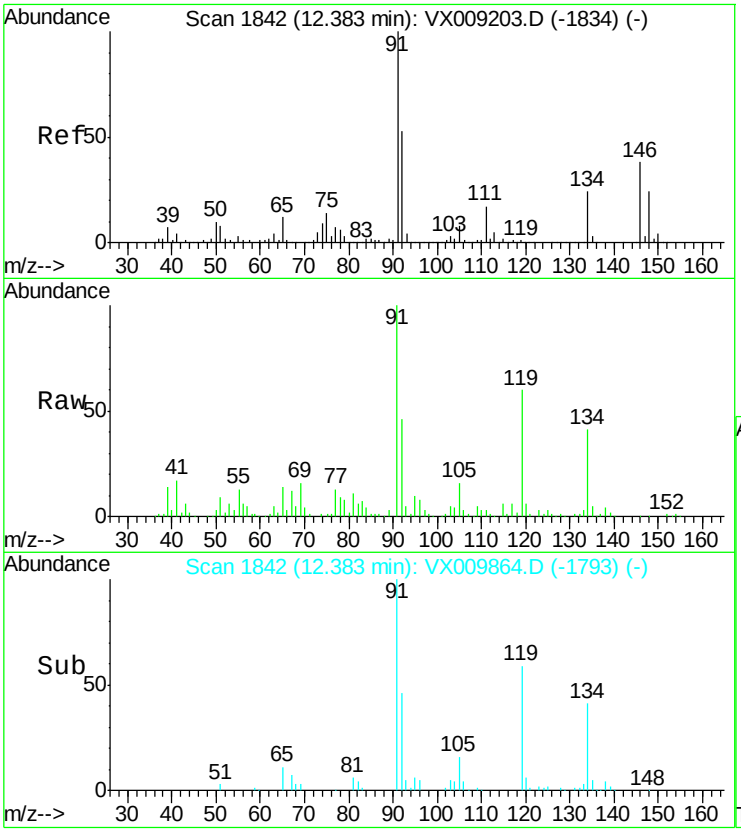


#86
p-Isopropyltoluene
Concen: 2.765 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Tgt Ion:119 Resp: 21205

Ion	Ratio	Lower	Upper
119	100		
134	26.4	12.9	38.7
91	25.0	11.8	35.4





#89
n-Butylbenzene
Concen: 4.780 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009864.D
Acq: 23 May 2019 17:28

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-E3-4R(14-17)DL

Tgt Ion: 91 Resp: 33132

Ion	Ratio	Lower	Upper
91	100		
92	38.5	26.5	79.5
134	78.8	12.4	37.2#