Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009835.D
Acq On : 23 May 2019 04:24
Operator : JC/SP
Sample : K2976-16 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : EP1-SB-MW-IR(17-20)

Quant Time: May 23 09:00:12 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	5.67	168	178555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	294118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	278384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	141420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125942	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.34%			
35) Dibromofluoromethane	5.50	113	88815	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
50) Toluene-d8	8.71	98	381775	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.28%			
62) 4-Bromofluorobenzene	11.13	95	151576	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.76%			
Target Compounds						Qvalue
39) Methylcyclohexane	7.46	83	7283	2.170	ug/l	92
67) Ethyl Benzene	10.25	91	12643	1.234	ug/l	97
68) m/p-Xylenes	10.36	106	35868	9.577	ug/l	94
73) Isopropylbenzene	11.02	105	81854	7.959	ug/l	99
78) n-propylbenzene	11.36	91	257032	21.885	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	246606	28.479	ug/l	98
83) tert-Butylbenzene	11.77	119	14804	1.757	ug/l	86
84) 1,2,4-Trimethylbenzene	11.80	105	1323807	152.310	ug/l	99
85) sec-Butylbenzene	11.94	105	134455	13.463	ug/l	96
86) p-Isopropyltoluene	12.06	119	140107	15.606	ug/l	100
89) n-Butylbenzene	12.38	91	162214	19.990	ug/l #	51
95) Naphthalene	13.83	128	69485	6.739	ug/l	98

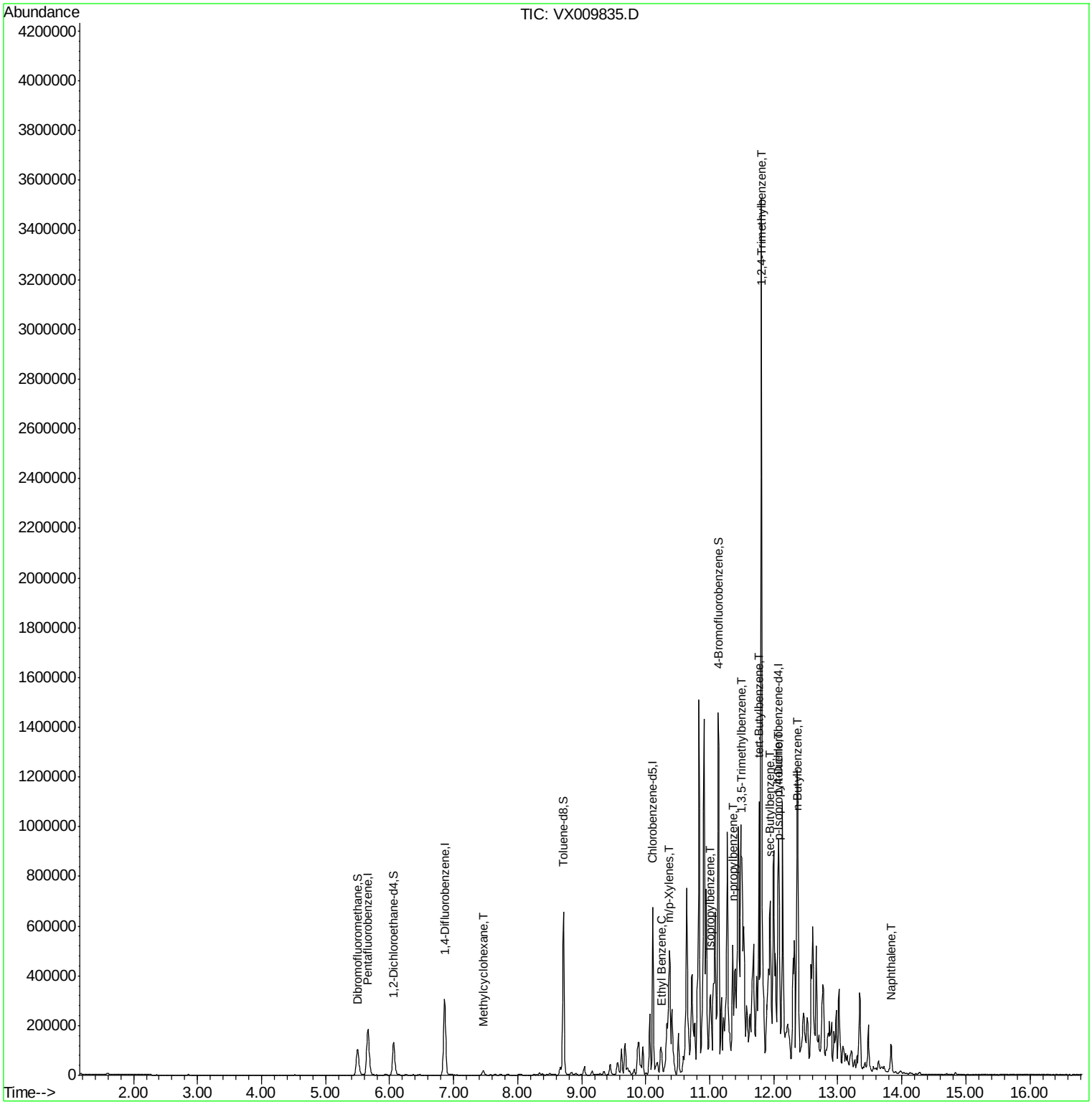
(#) = qualifier out of range (m) = manual integration (+) = signals summed

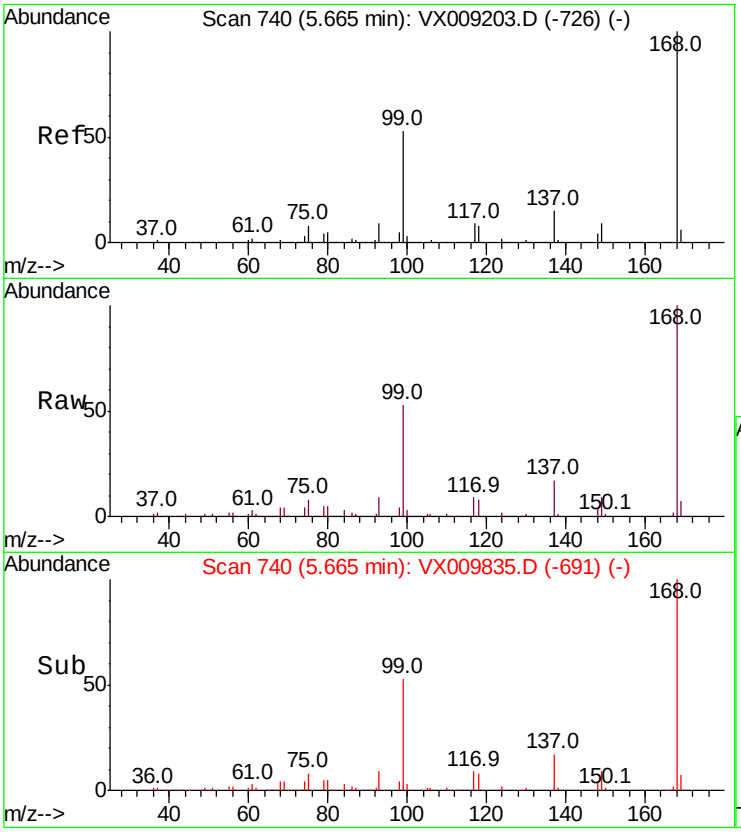
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052219\
Data File : VX009835.D
Acq On : 23 May 2019 04:24
Operator : JC/SP
Sample : K2976-16 50X
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Quant Time: May 23 09:00:12 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



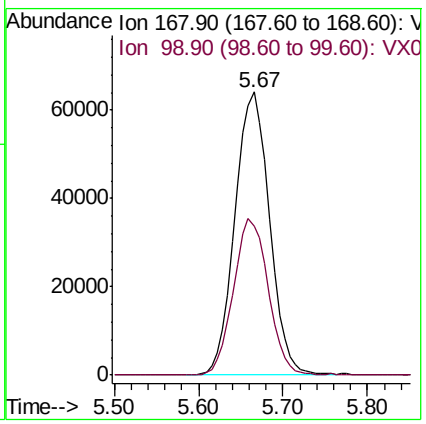


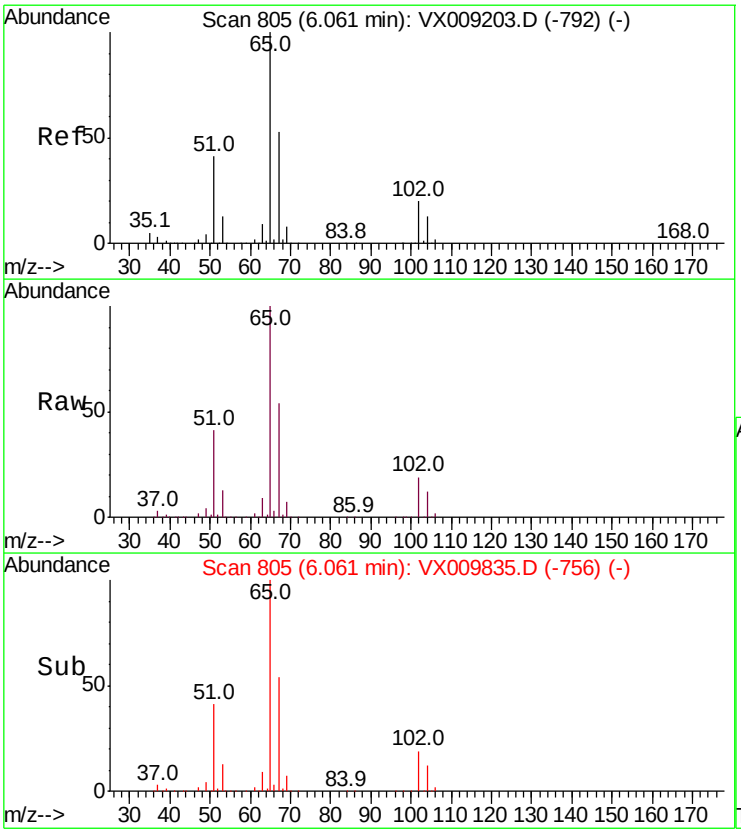
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion:168 Resp: 178555

Ion	Ratio	Lower	Upper
168	100		
99	52.5	42.3	63.5

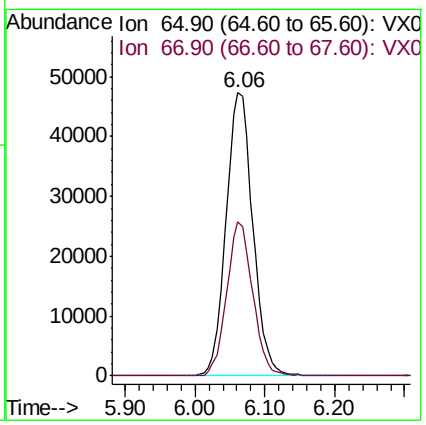


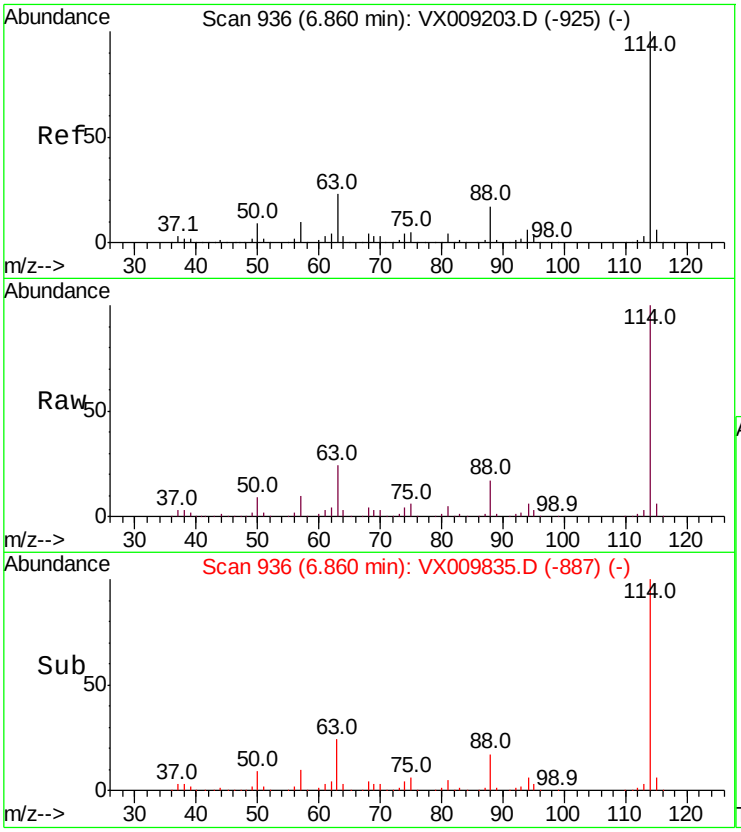


#33
1,2-Dichloroethane-d4
Concen: 51.669 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion: 65 Resp: 125942

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.6



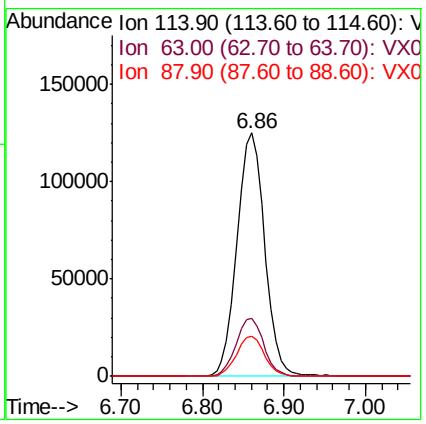


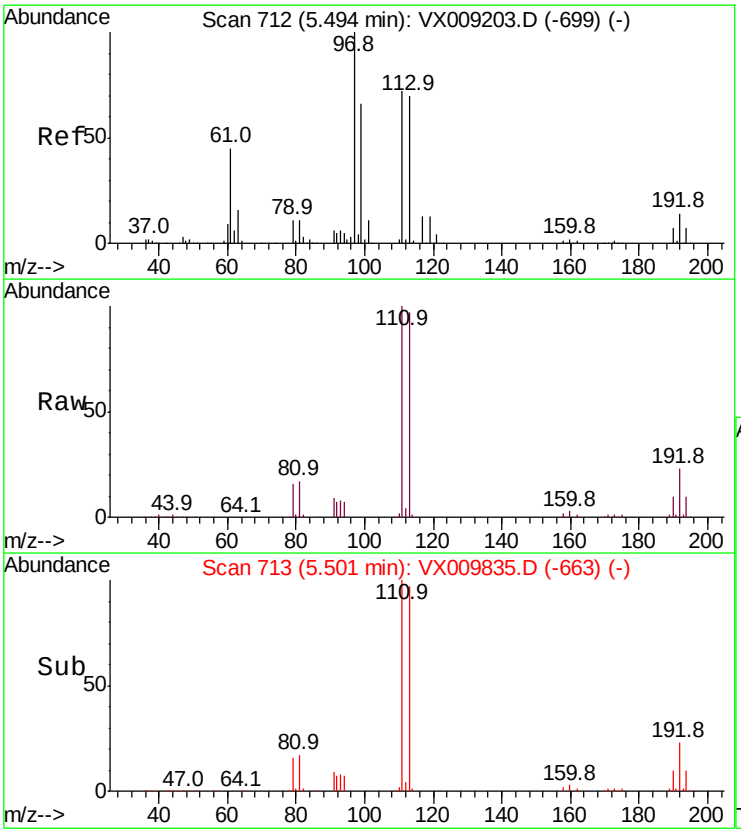
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion:114 Resp: 294118

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	45.6
88	16.7	0.0	33.2

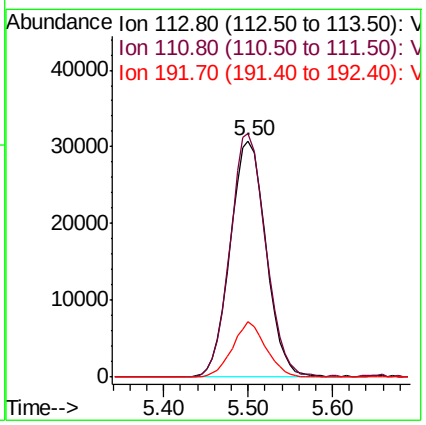


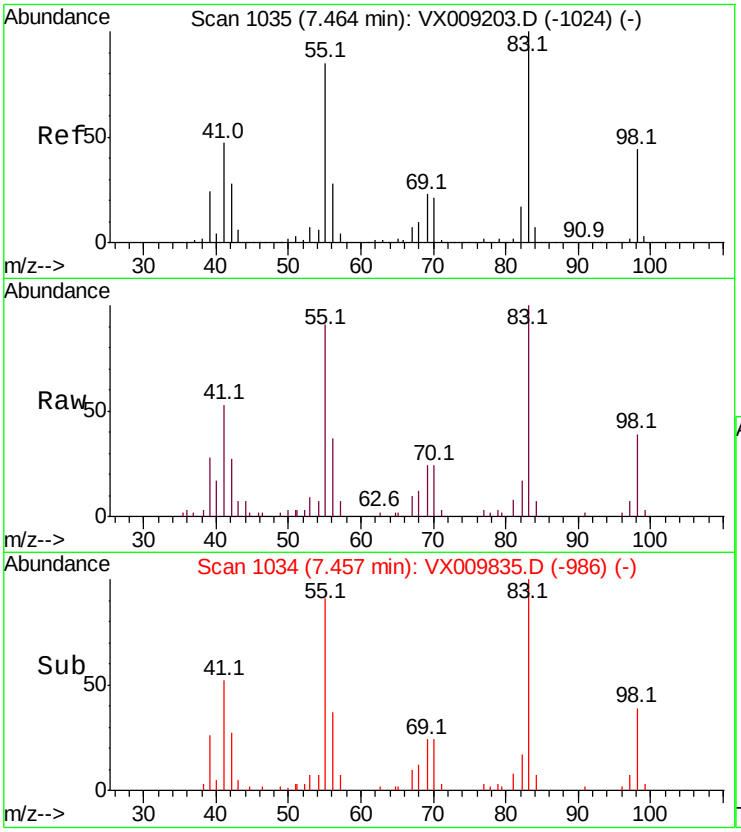


#35
Dibromofluoromethane
Concen: 48.036 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:113 Resp: 88815

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	21.7	17.0	25.6



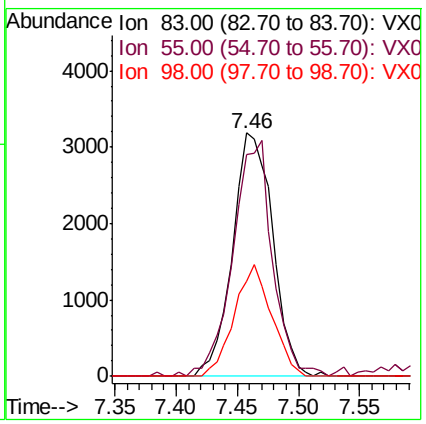


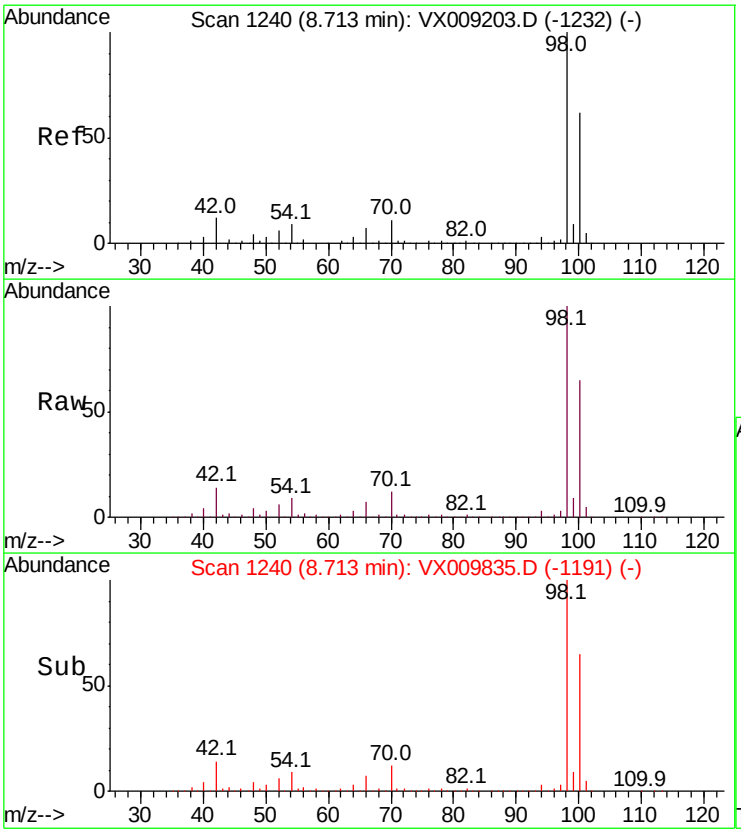
#39
Methylcyclohexane
Concen: 2.170 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion: 83 Resp: 7283

Ion	Ratio	Lower	Upper
83	100		
55	91.1	67.7	101.5
98	38.9	35.5	53.3

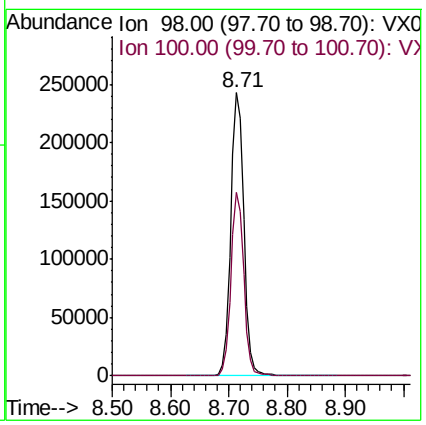


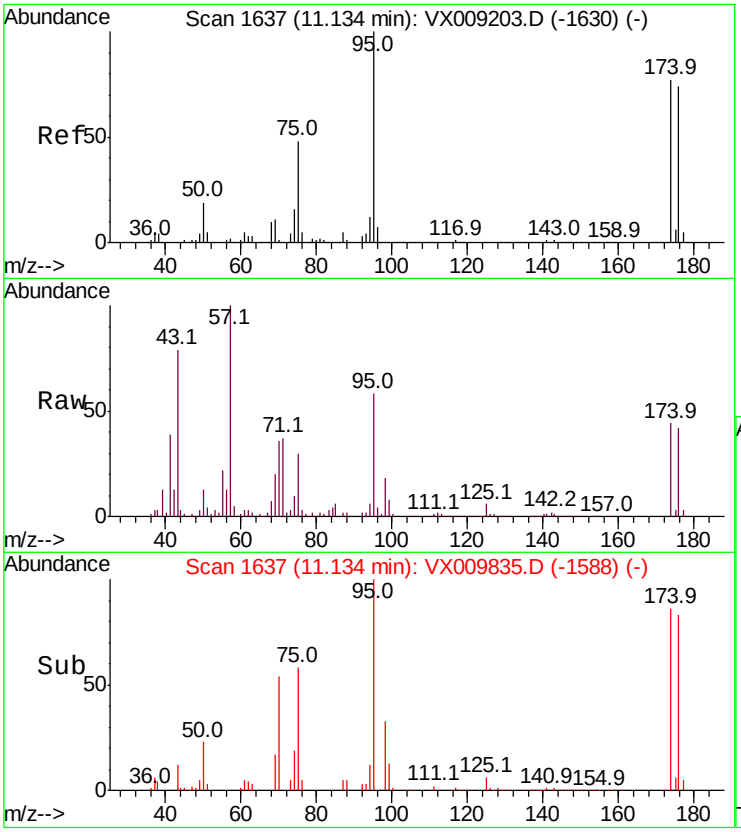


#50
Toluene-d8
Concen: 51.144 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion: 98 Resp: 381775

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.2	76.8



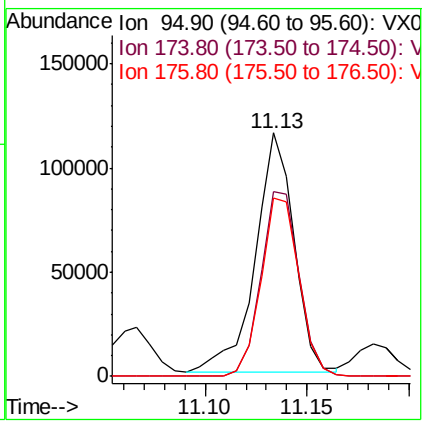


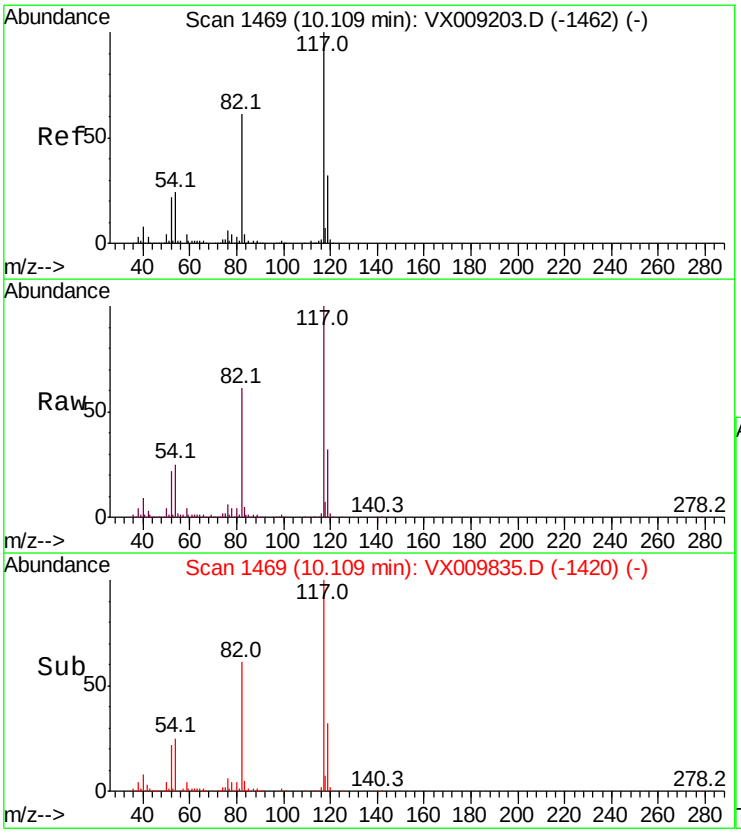
#62
4-Bromofluorobenzene
Concen: 55.883 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion: 95 Resp: 151576

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	161.6
176	73.8	0.0	159.2

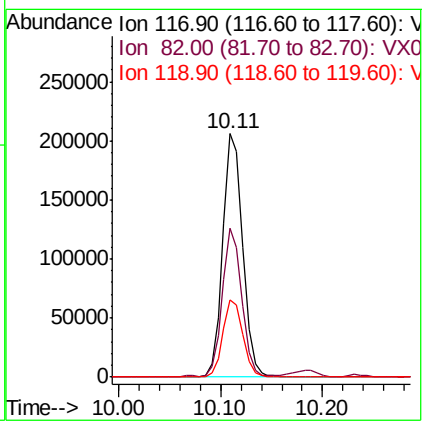


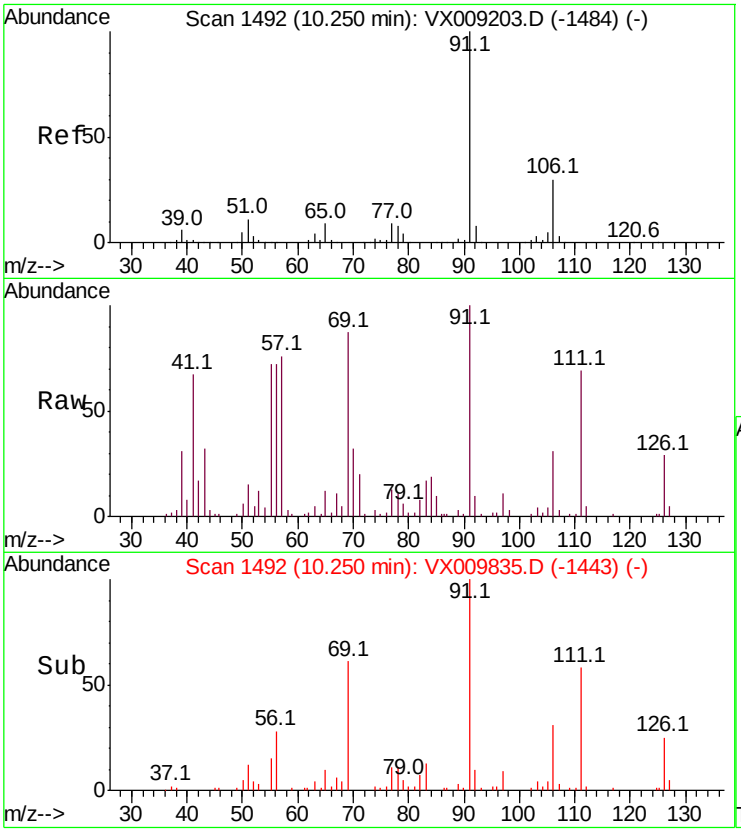


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:117 Resp: 278384

Ion	Ratio	Lower	Upper
117	100		
82	61.0	48.8	73.2
119	31.9	25.8	38.6



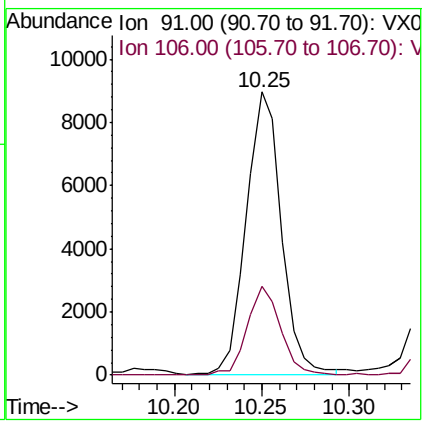


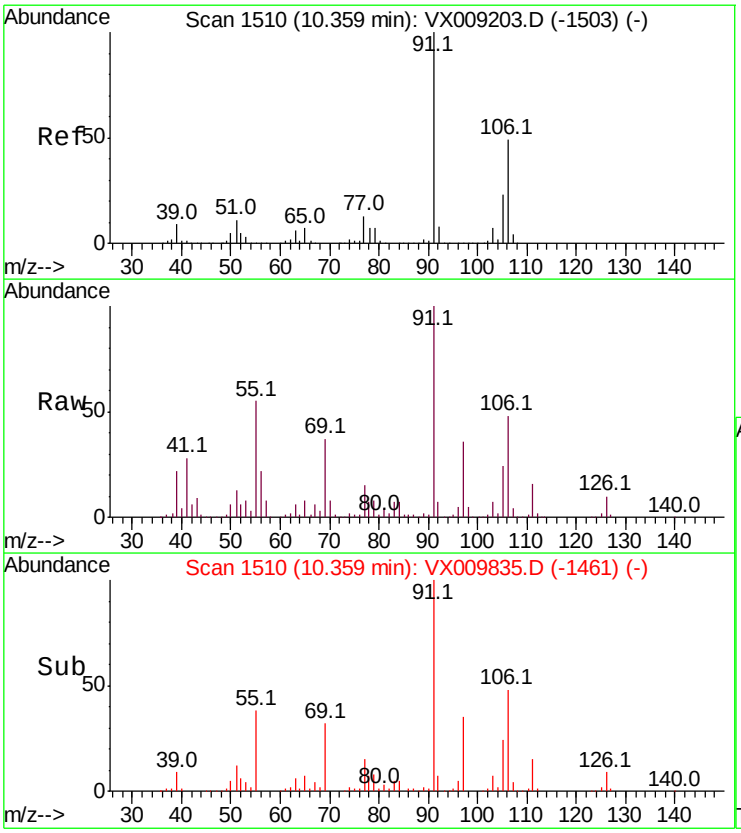
#67
Ethyl Benzene
Concen: 1.234 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion: 91 Resp: 12643

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.0	36.0

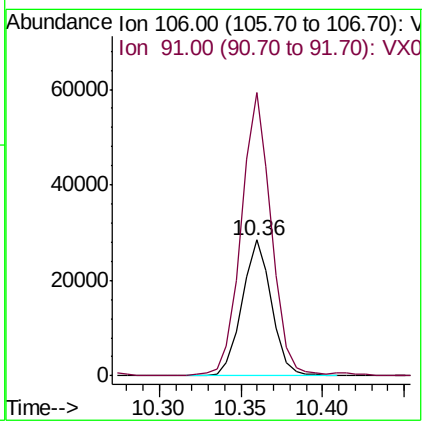


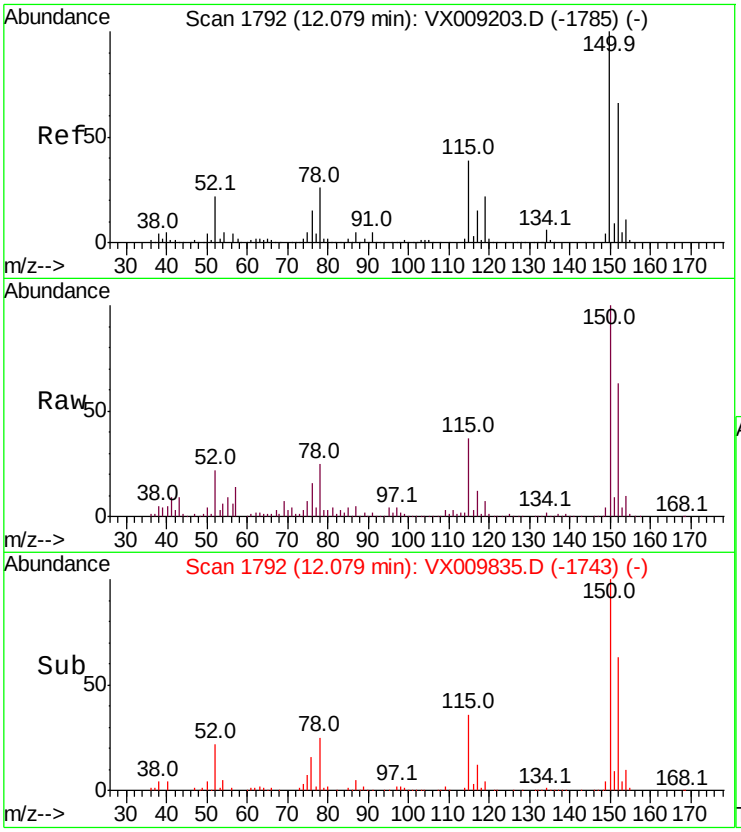


#68
m/p-Xylenes
Concen: 9.577 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:106 Resp: 35868

Ion	Ratio	Lower	Upper
106	100		
91	214.6	164.0	246.0



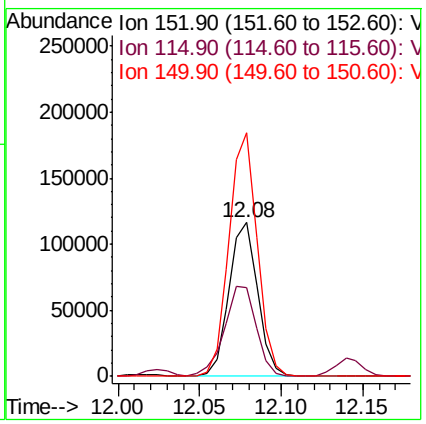


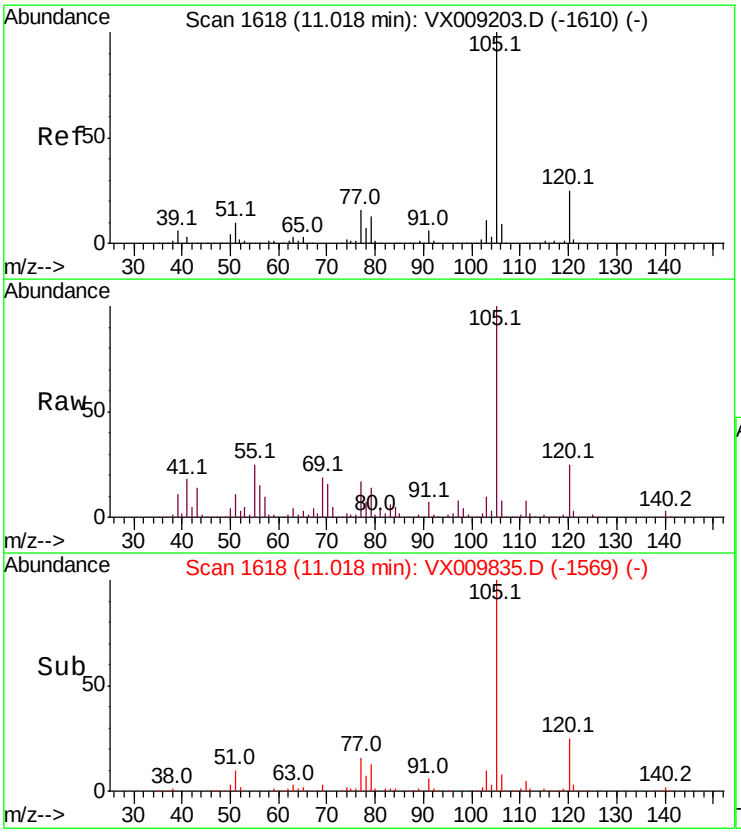
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion:152 Resp: 141420

Ion	Ratio	Lower	Upper
152	100		
115	65.2	41.2	123.6
150	156.4	0.0	346.4

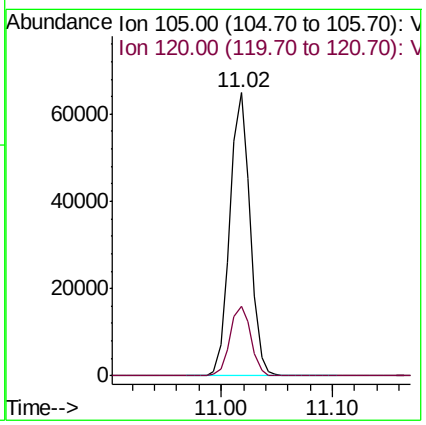


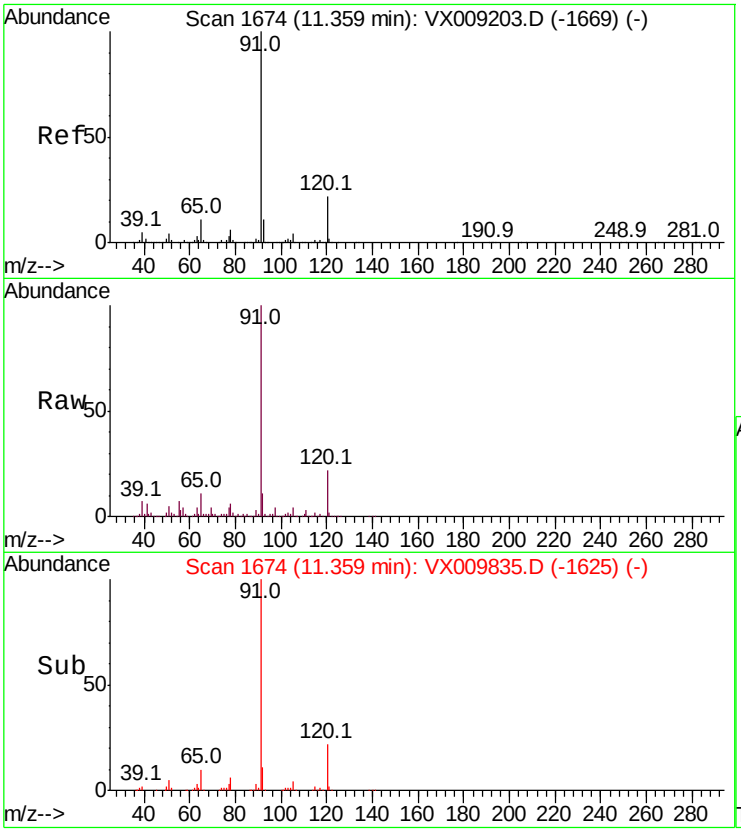


#73
Isopropylbenzene
Concen: 7.959 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:105 Resp: 81854

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.3



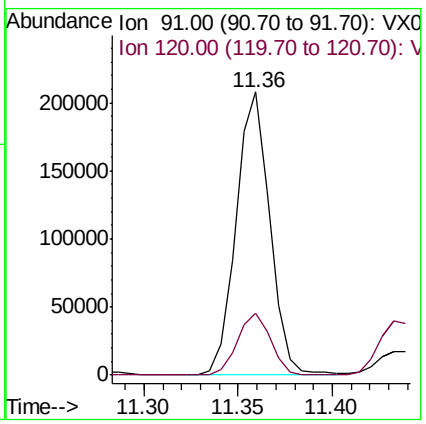


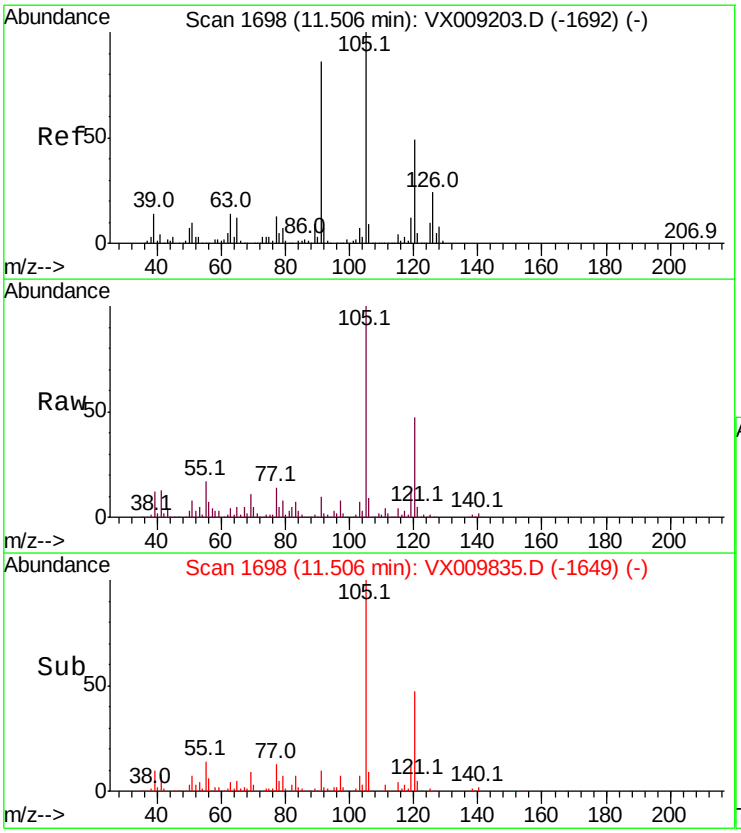
#78
n-propylbenzene
Concen: 21.885 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion: 91 Resp: 257032

Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.0	33.0

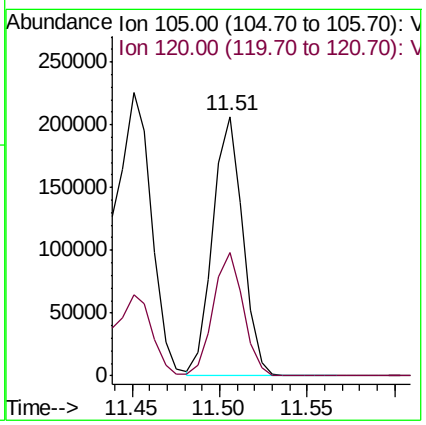


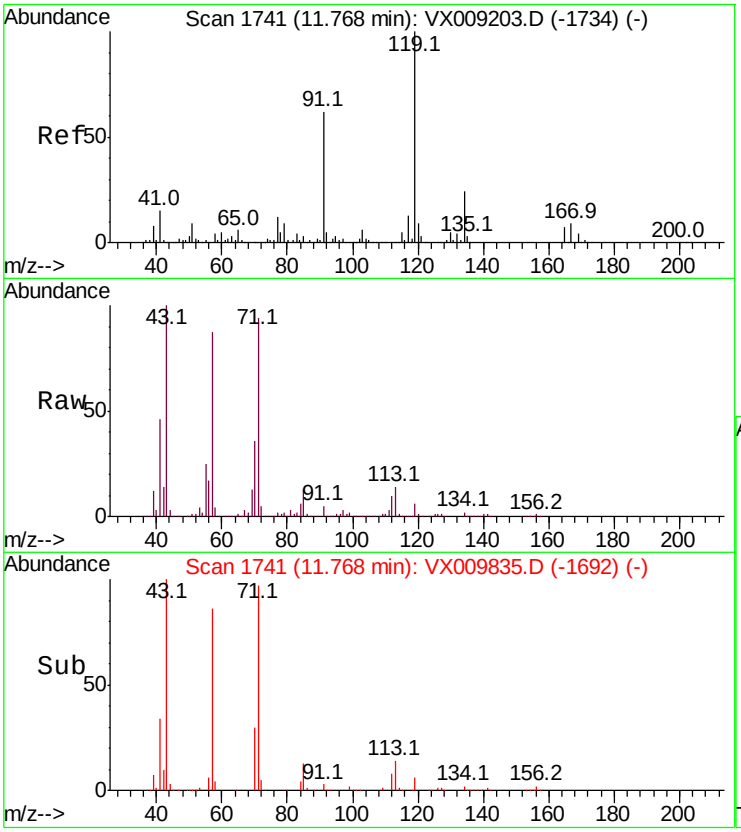


#80
1,3,5-Trimethylbenzene
Concen: 28.479 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:105 Resp: 246606

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.3	72.9



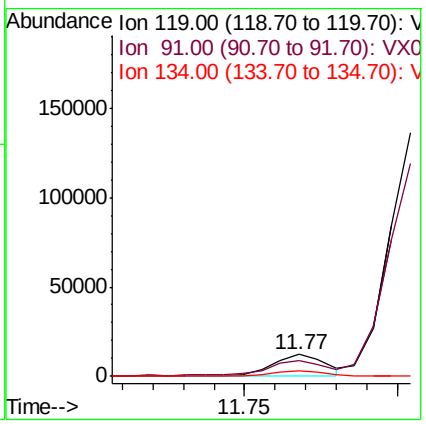


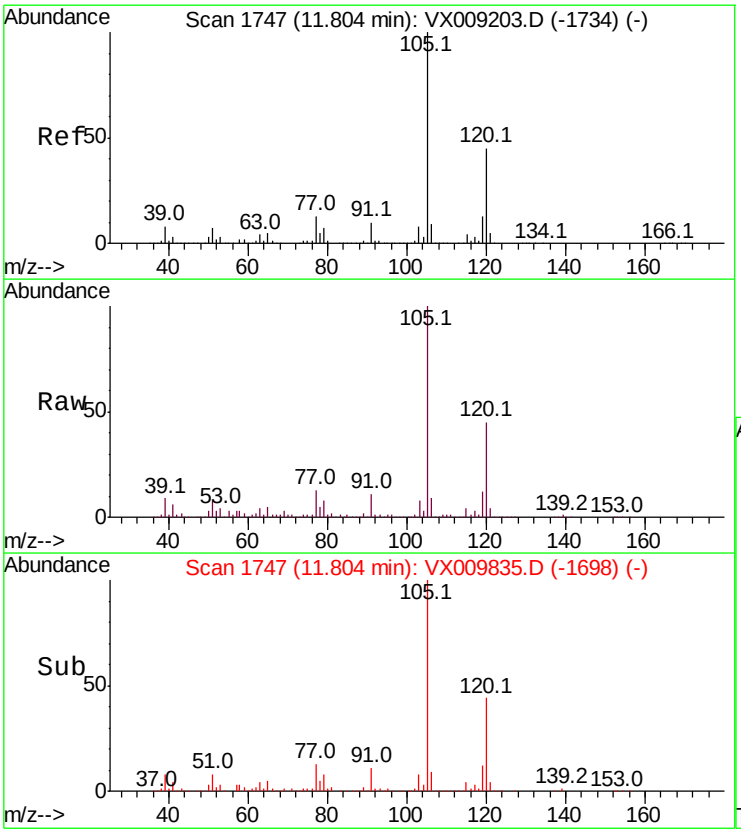
#83
tert-Butylbenzene
Concen: 1.757 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion:119 Resp: 14804

Ion	Ratio	Lower	Upper
119	100		
91	72.3	29.5	88.5
134	25.2	11.4	34.1

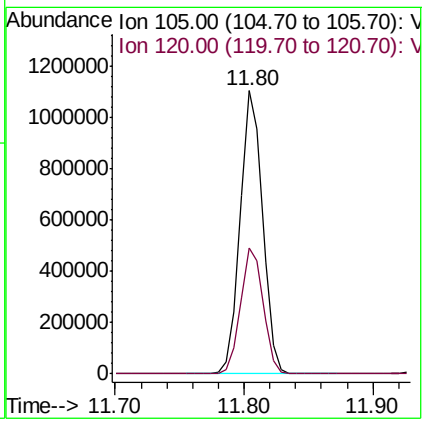


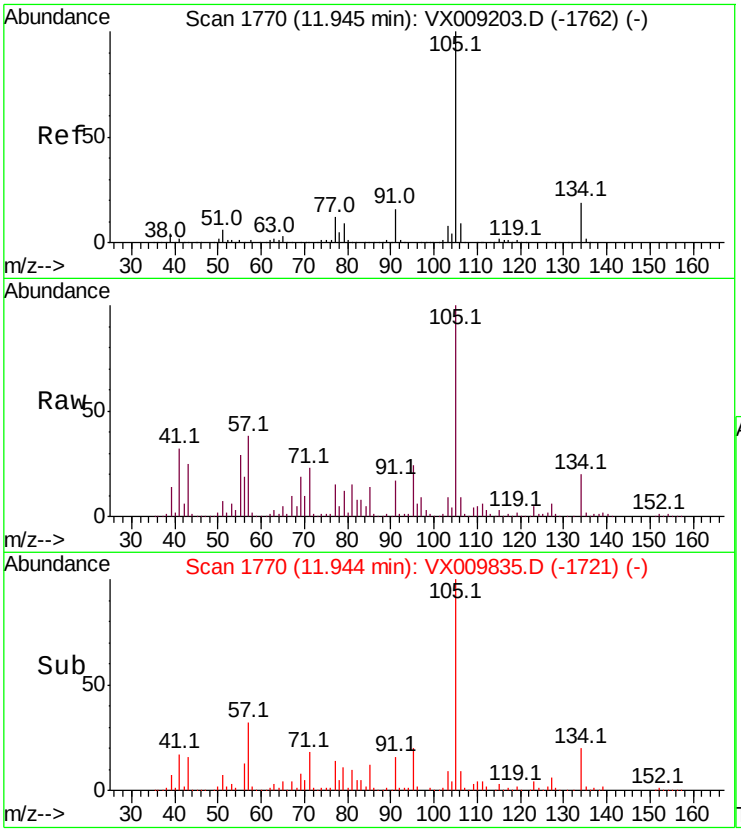


#84
1,2,4-Trimethylbenzene
Concen: 152.310 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:105 Resp: 1323807

Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0



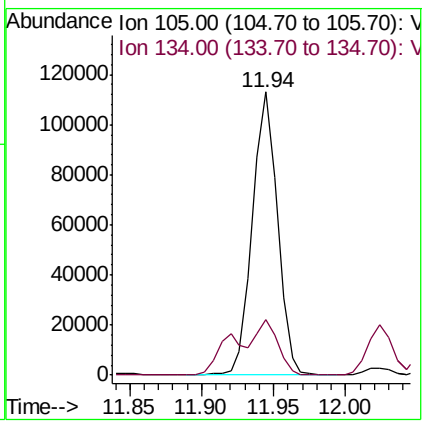


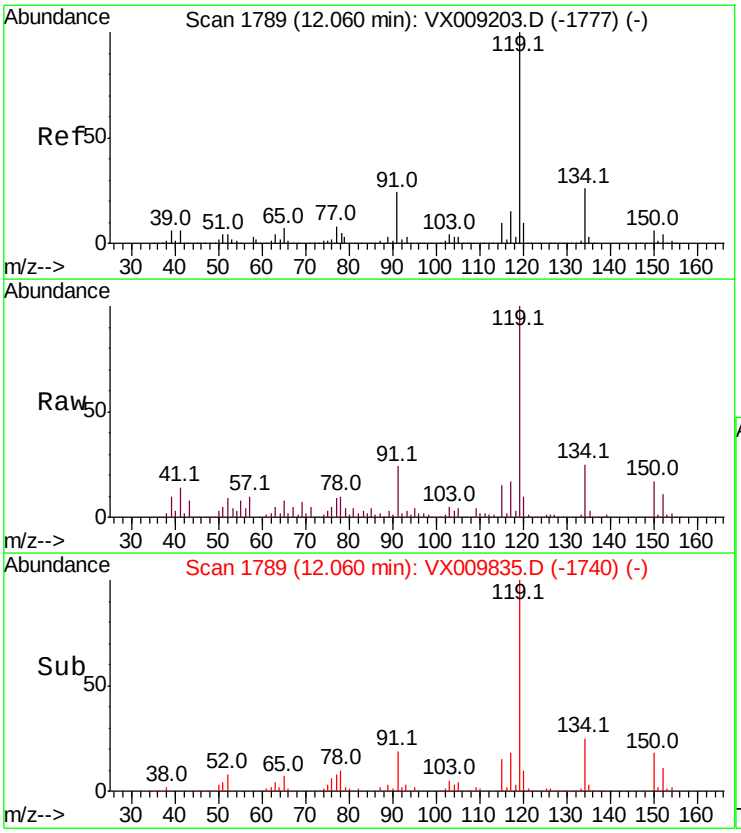
#85
sec-Butylbenzene
Concen: 13.463 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion:105 Resp: 134455

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.7	28.9

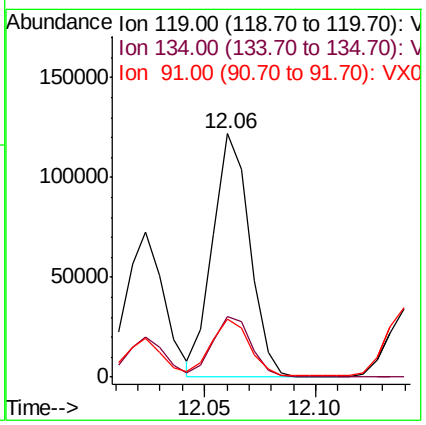


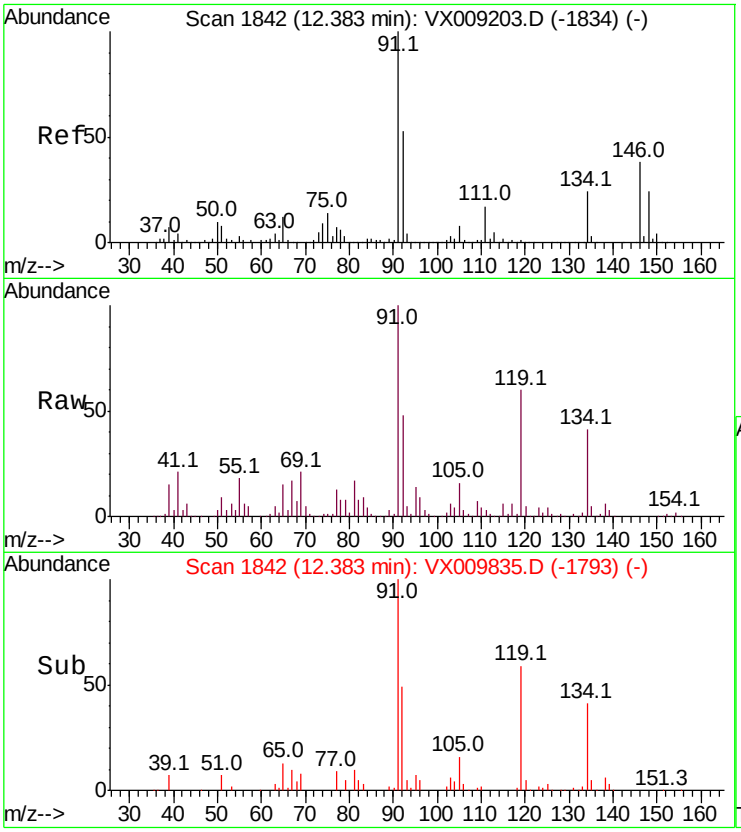


#86
p-Isopropyltoluene
Concen: 15.606 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:119 Resp: 140107

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.9	38.7
91	24.0	11.8	35.4



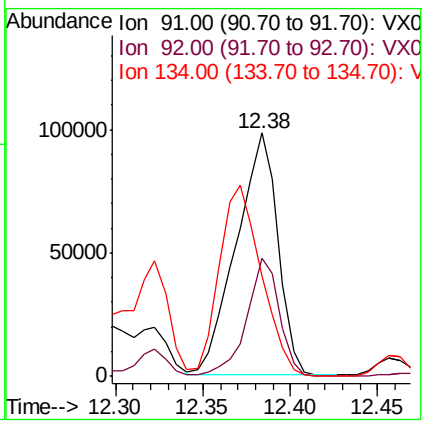


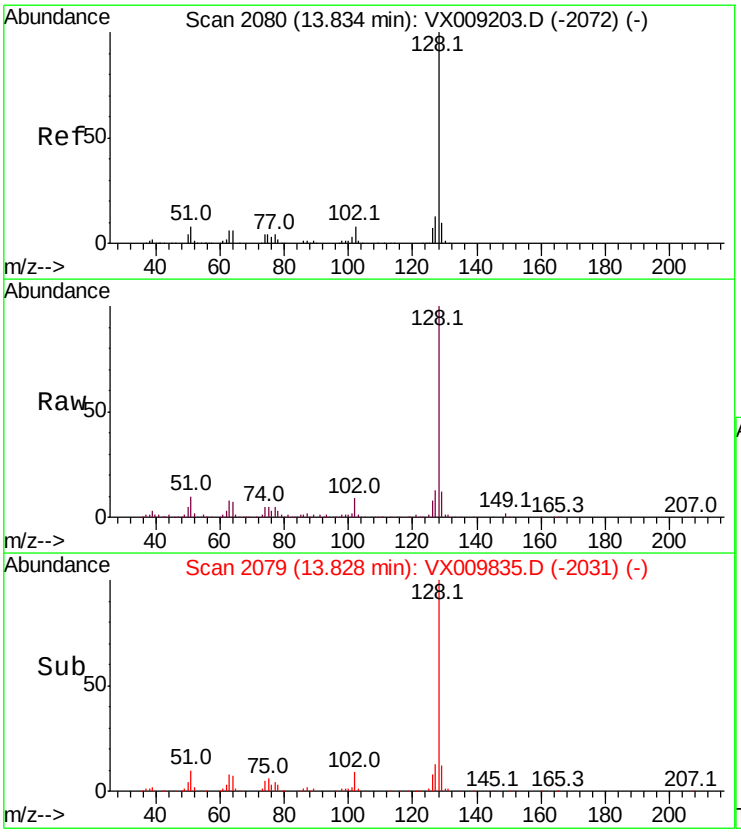
#89
n-Butylbenzene
Concen: 19.990 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Instrument :
MSVOA_X
ClientSampleId :
EP1-SB-MW-IR(17-20)

Tgt Ion: 91 Resp: 162214

Ion	Ratio	Lower	Upper
91	100		
92	38.4	26.5	79.5
134	79.7	12.4	37.2#





#95
Naphthalene
Concen: 6.739 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX009835.D
Acq: 23 May 2019 04:24

Tgt Ion:128 Resp: 69485

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.3	8.6	13.0