Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
Data File : VX004829.D
Acq On : 28 Sep 2018 18:45
Operator : JC/MD
Sample : J5130-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3284

Quant Time: Sep 29 07:14:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237452	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	387847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213451	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	180415	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.38%			
35) Dibromofluoromethane	5.51	113	152544	46.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.82%			
50) Toluene-d8	8.72	98	580209	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.18%			
62) 4-Bromofluorobenzene	11.14	95	205041	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.16%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	19653	5.335	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	5101	1.621	ug/l	97
31) Cyclohexane	5.58	56	39072	9.053	ug/l	88
39) Methylcyclohexane	7.46	83	22394	4.890	ug/l #	85
40) Benzene	6.14	78	77351	5.509	ug/l	98
44) Trichloroethene	7.21	130	1396	0.404	ug/l	88
67) Ethyl Benzene	10.26	91	16289	1.065	ug/l	99
73) Isopropylbenzene	11.02	105	13880	1.032	ug/l	99
78) n-propylbenzene	11.36	91	8345	0.541	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	5963	0.272	ug/l	98
85) sec-Butylbenzene	11.94	105	8086	0.599	ug/l	100

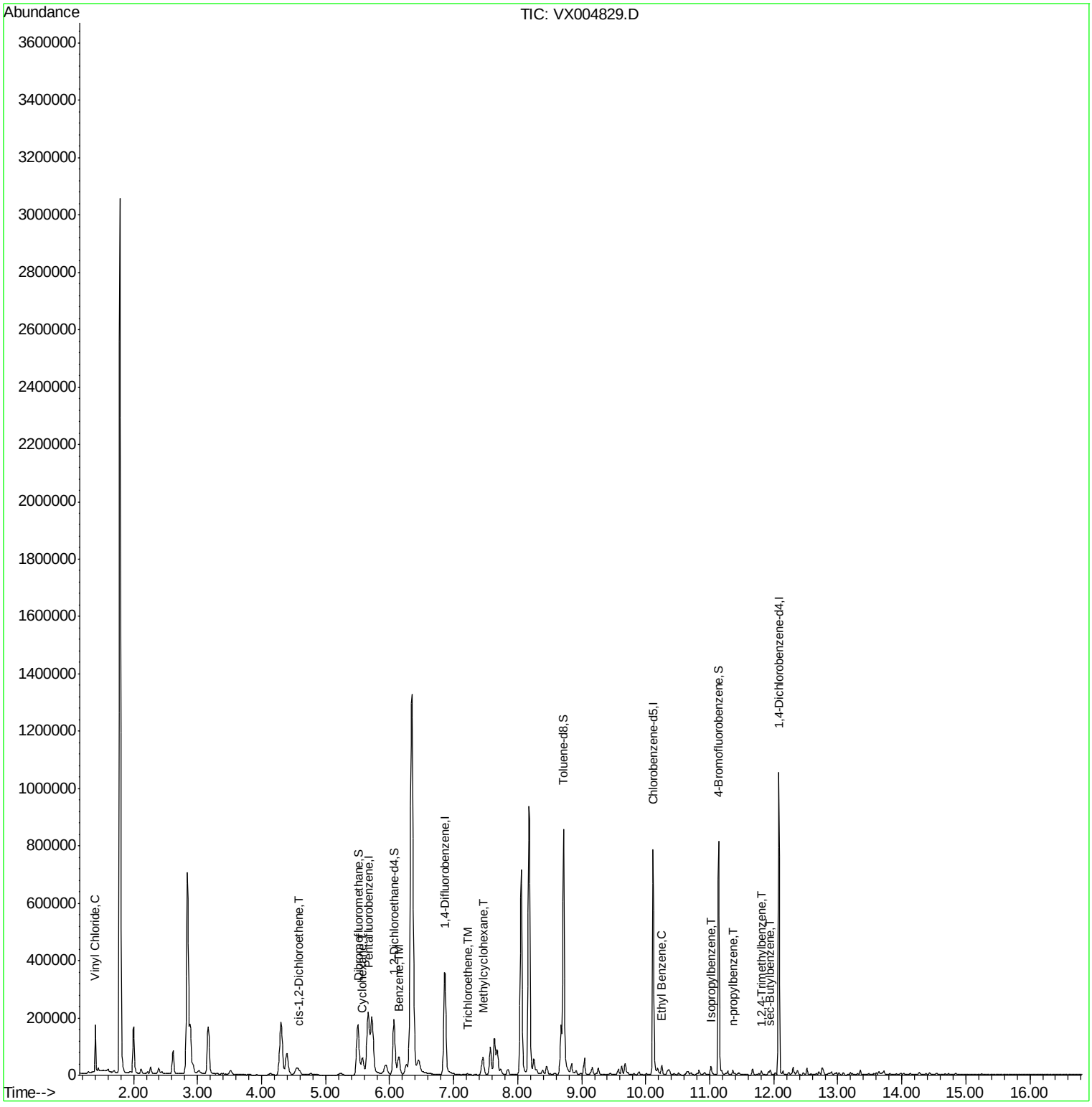
(#) = qualifier out of range (m) = manual integration (+) = signals summed

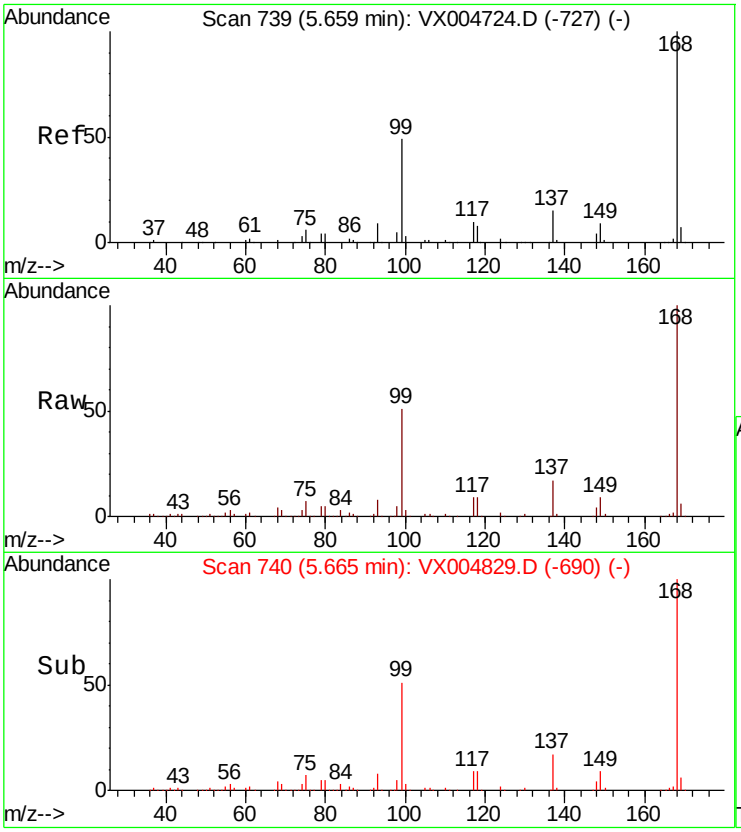
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
Data File : VX004829.D
Acq On : 28 Sep 2018 18:45
Operator : JC/MD
Sample : J5130-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Quant Time: Sep 29 07:14:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration



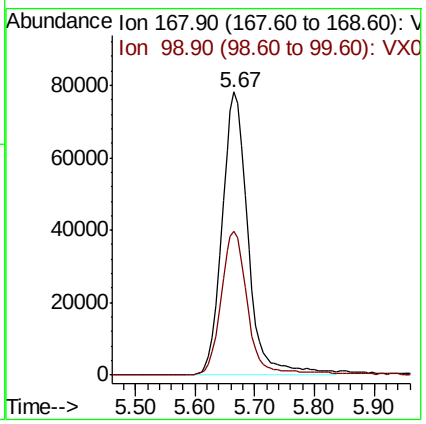


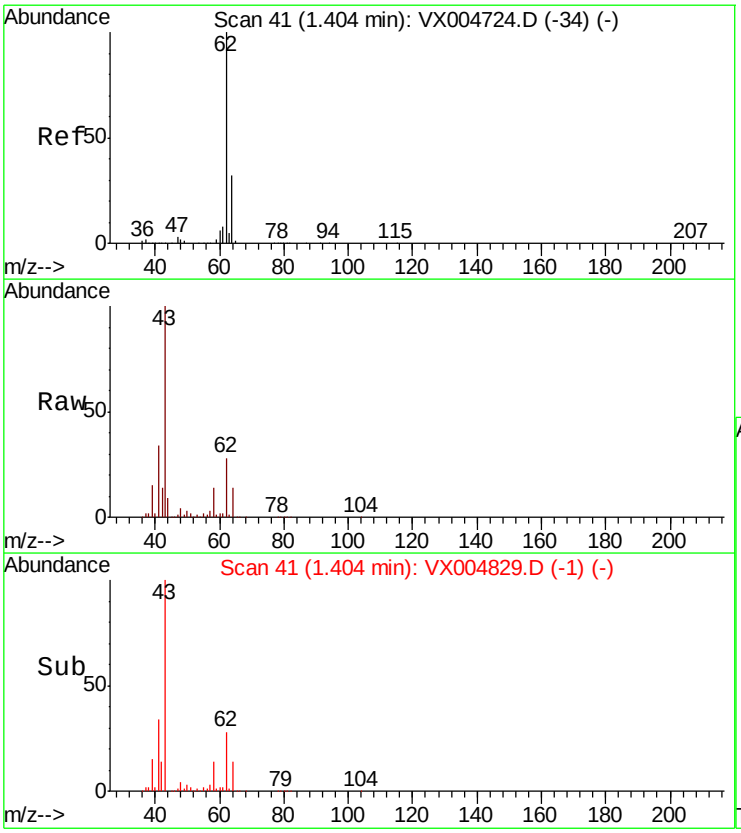
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion:168 Resp: 237452

Ion	Ratio	Lower	Upper
168	100		
99	50.8	39.9	59.9

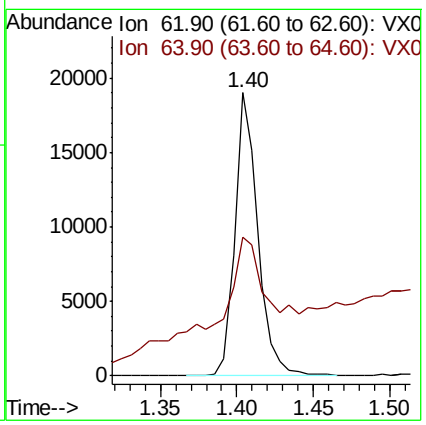


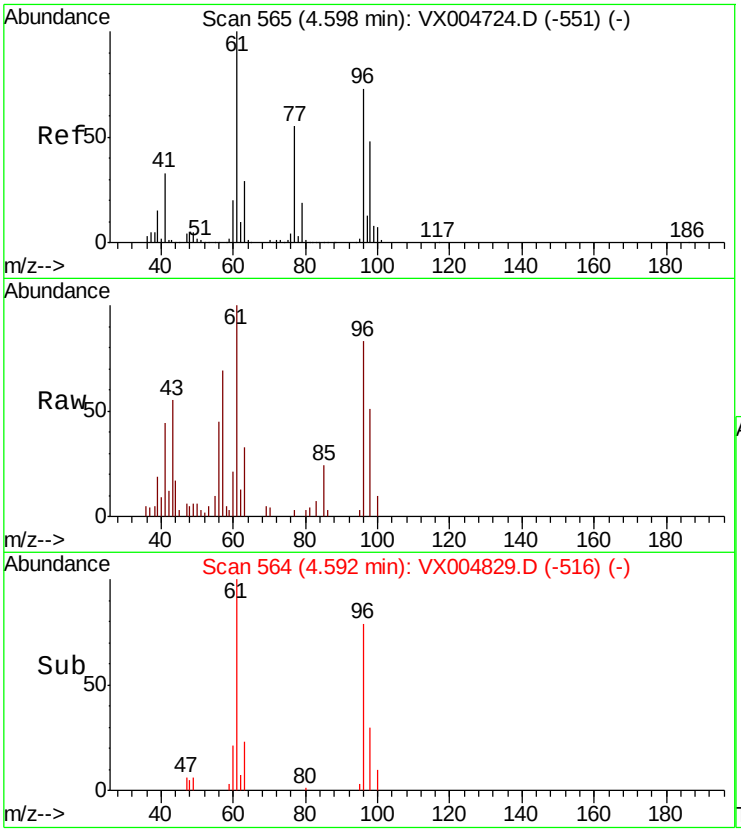


#4
Vinyl Chloride
Concen: 5.335 ug/l
RT: 1.40 min Scan# 41
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 62 Resp: 19653

Ion	Ratio	Lower	Upper
62	100		
64	33.3	25.8	38.8



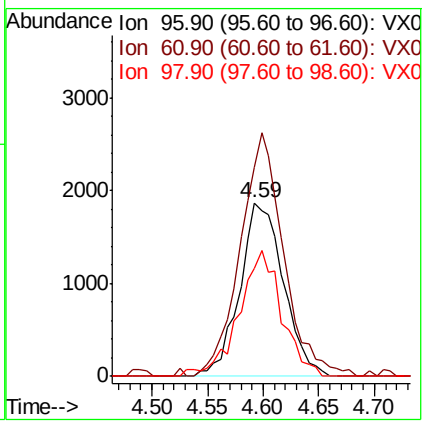


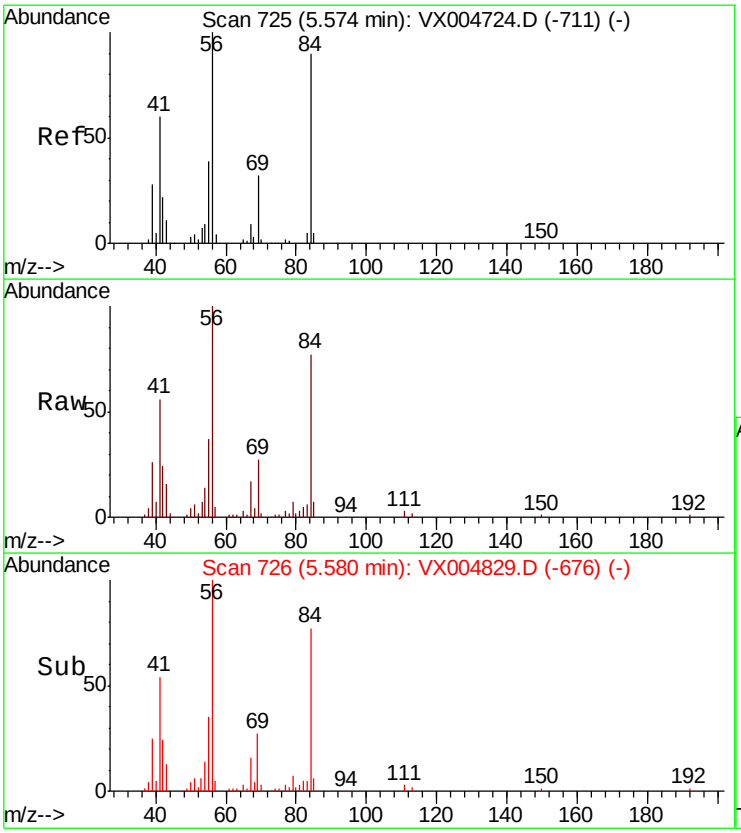
#27
cis-1,2-Dichloroethene
Concen: 1.621 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion: 96 Resp: 5101

Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	282.6
98	71.0	0.0	130.2

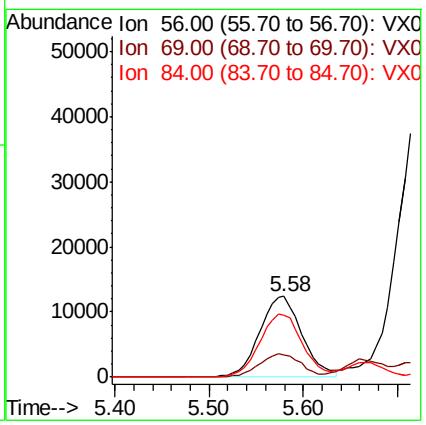


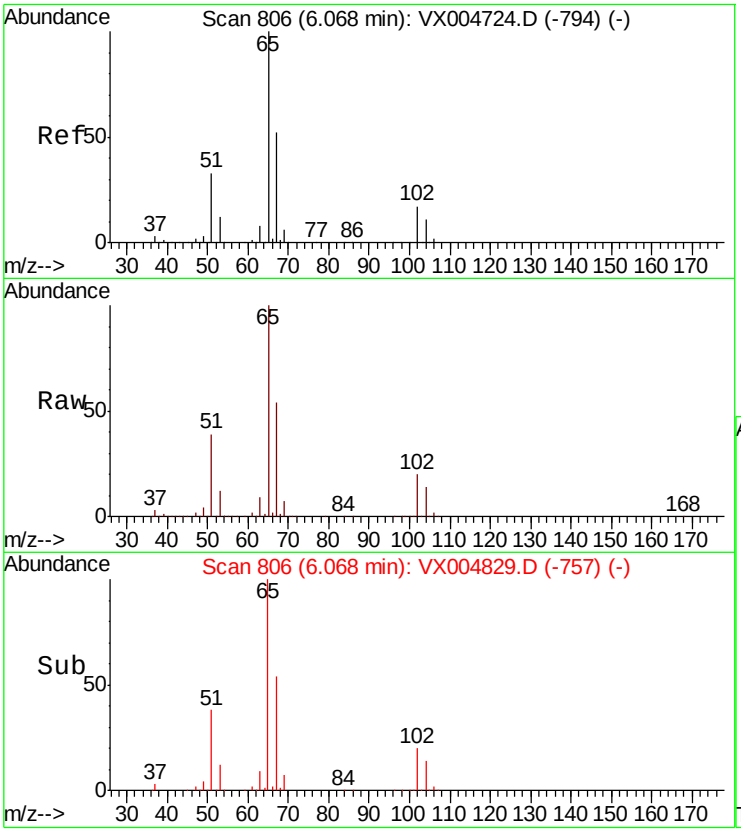


#31
Cyclohexane
Concen: 9.053 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 56 Resp: 39072

Ion	Ratio	Lower	Upper
56	100		
69	26.6	25.4	38.2
84	77.1	71.4	107.2



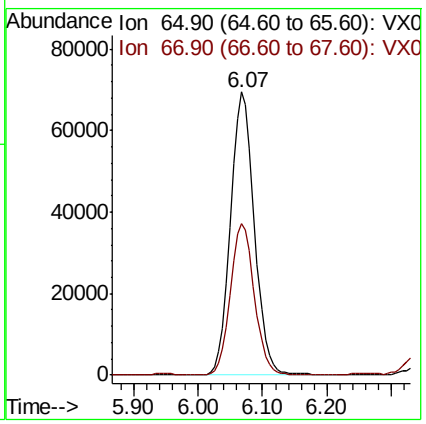


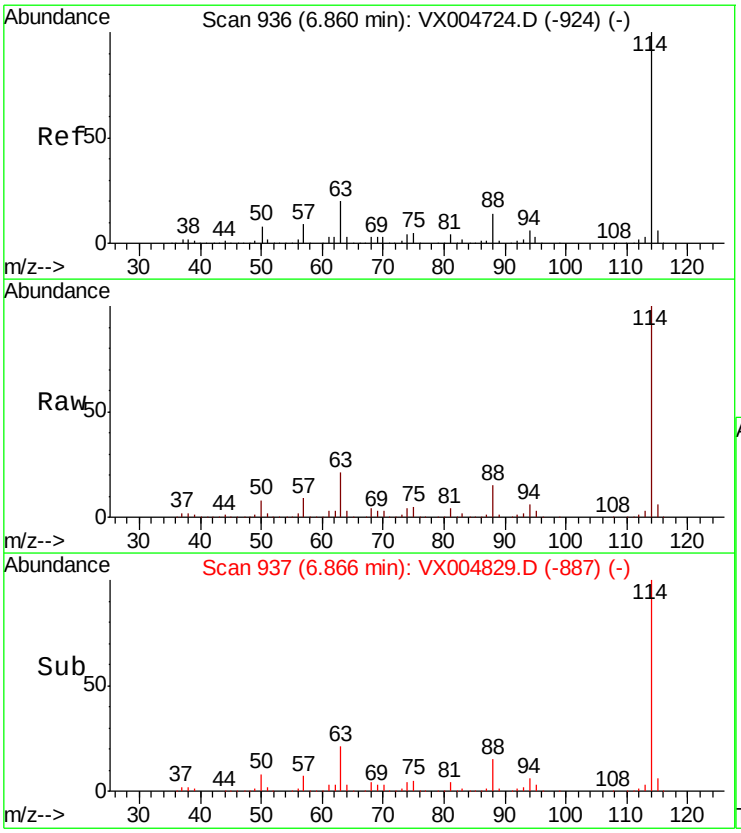
#33
1,2-Dichloroethane-d4
Concen: 53.188 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion: 65 Resp: 180415

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.8

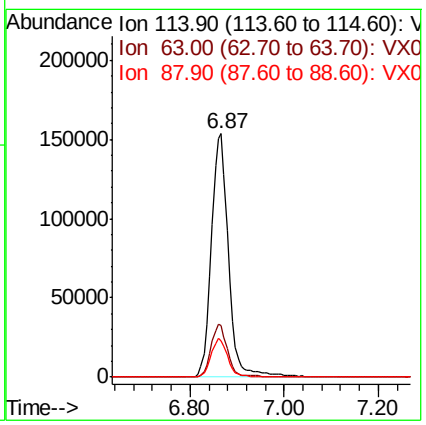


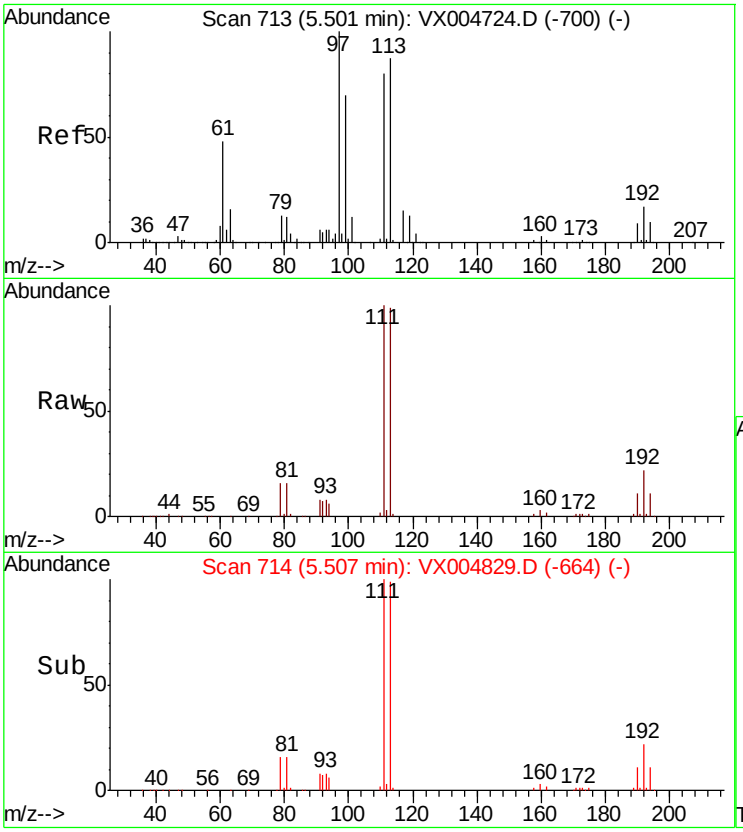


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion:114 Resp: 387847

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	39.0
88	15.0	0.0	30.4



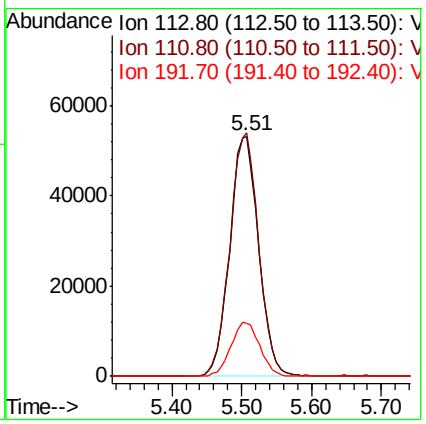


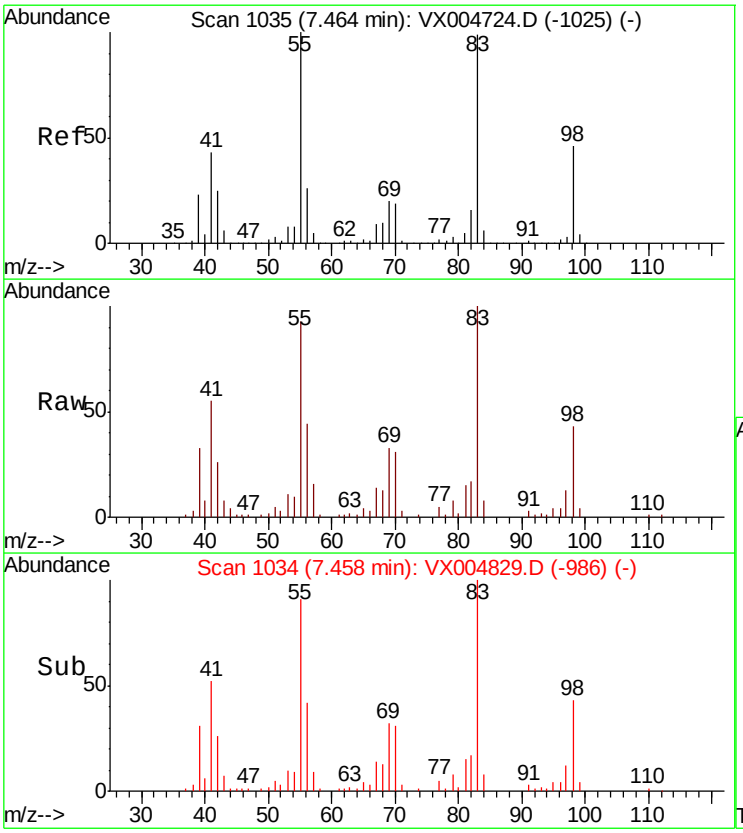
#35
Dibromofluoromethane
Concen: 46.407 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion:113 Resp: 152544

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	22.6	19.4	29.2

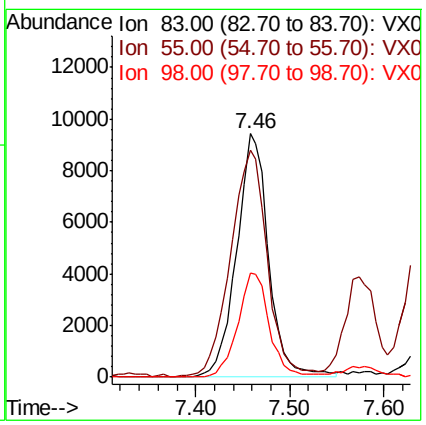


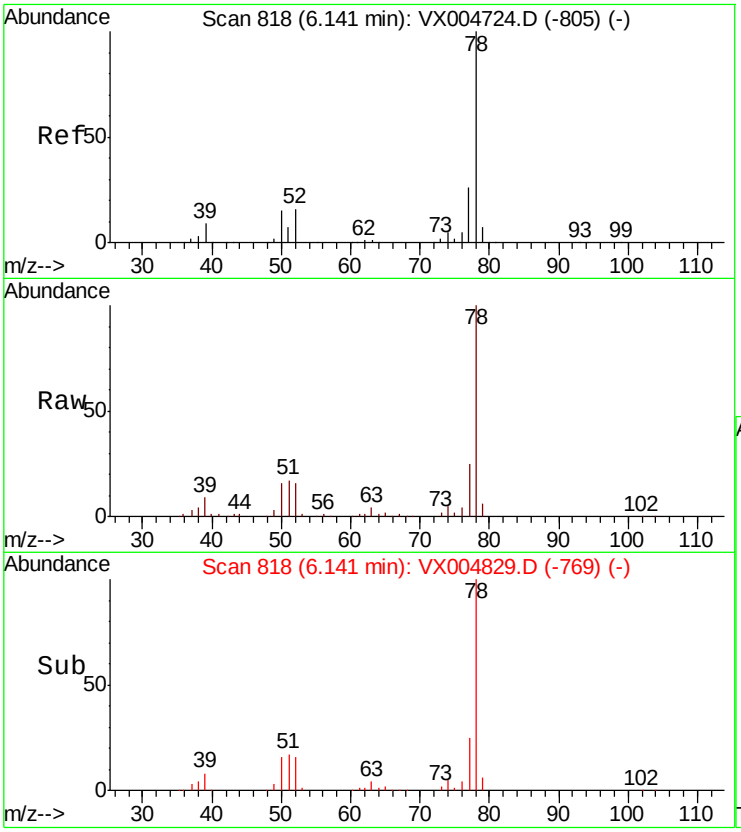


#39
Methylcyclohexane
Concen: 4.890 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 83 Resp: 22394

Ion	Ratio	Lower	Upper
83	100		
55	92.3	61.0	91.4#
98	42.7	39.6	59.4



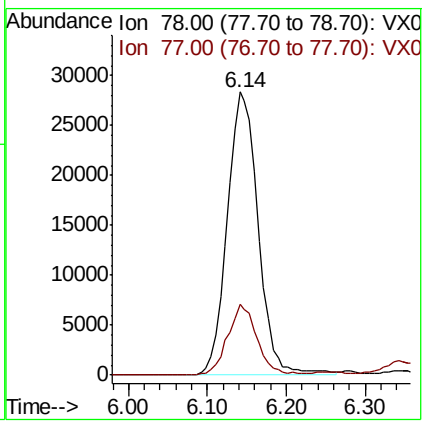


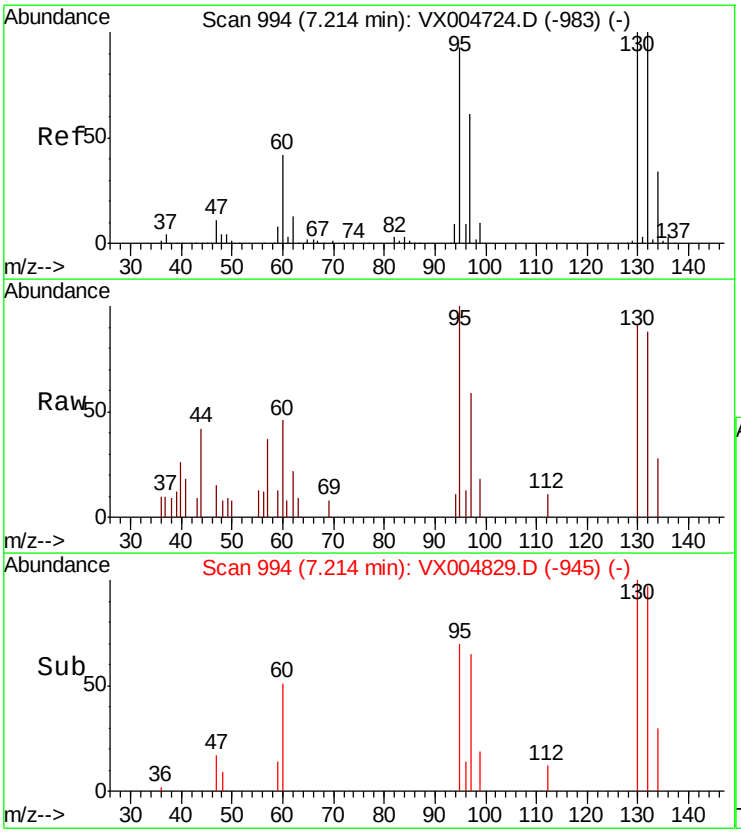
#40
Benzene
Concen: 5.509 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion: 78 Resp: 77351

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.4

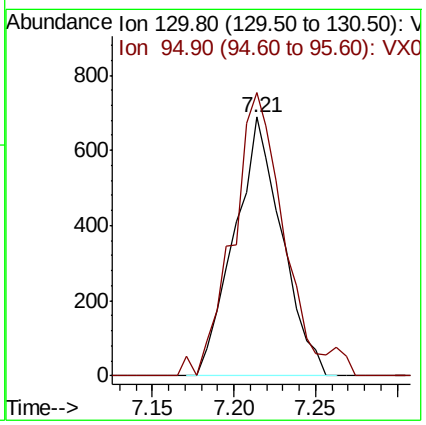


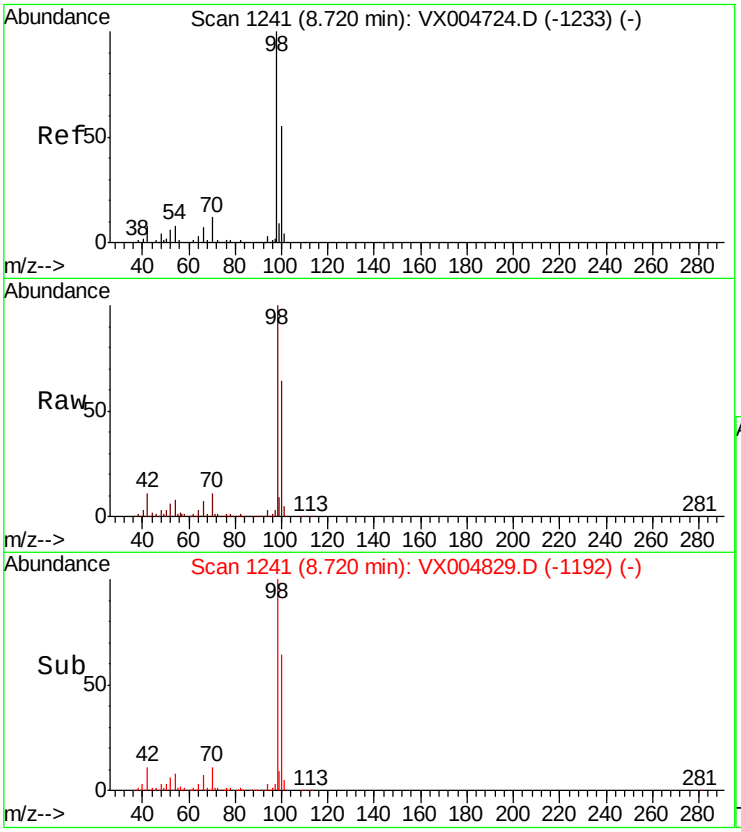


#44
Trichloroethene
Concen: 0.404 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion:130 Resp: 1396

Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	181.6



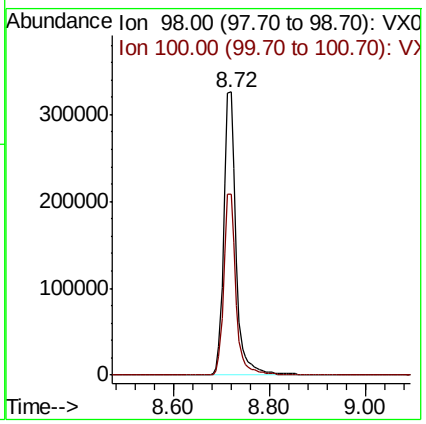


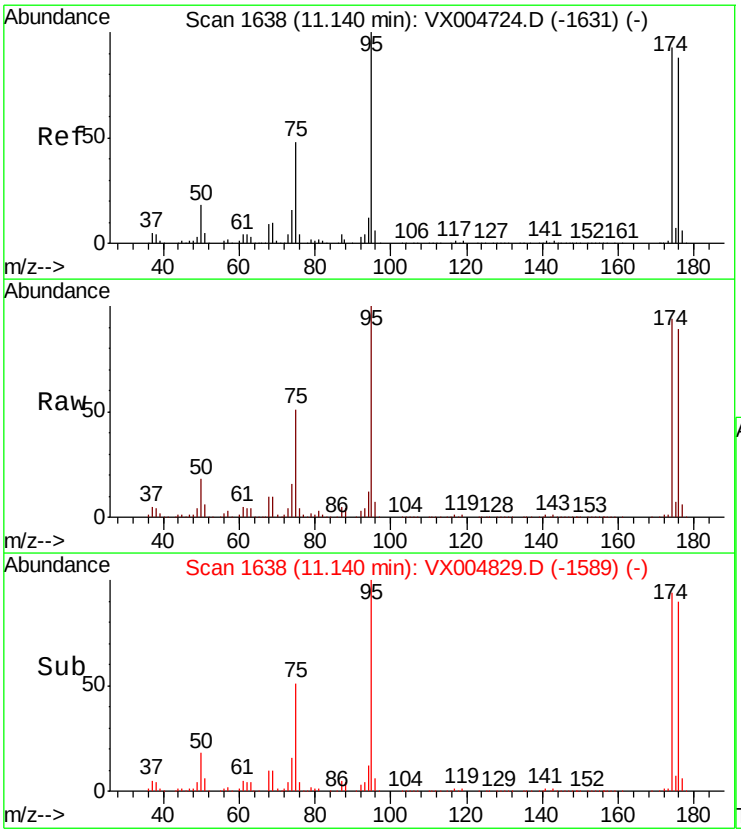
#50
Toluene-d8
Concen: 53.095 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion: 98 Resp: 580209

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.9	79.3

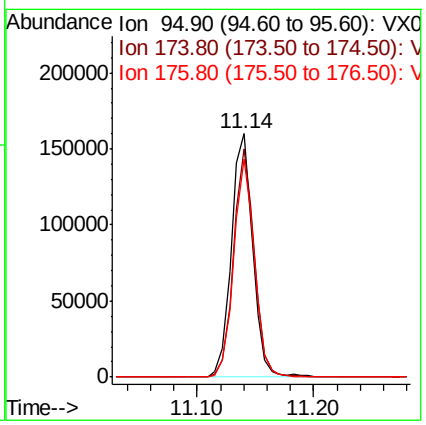


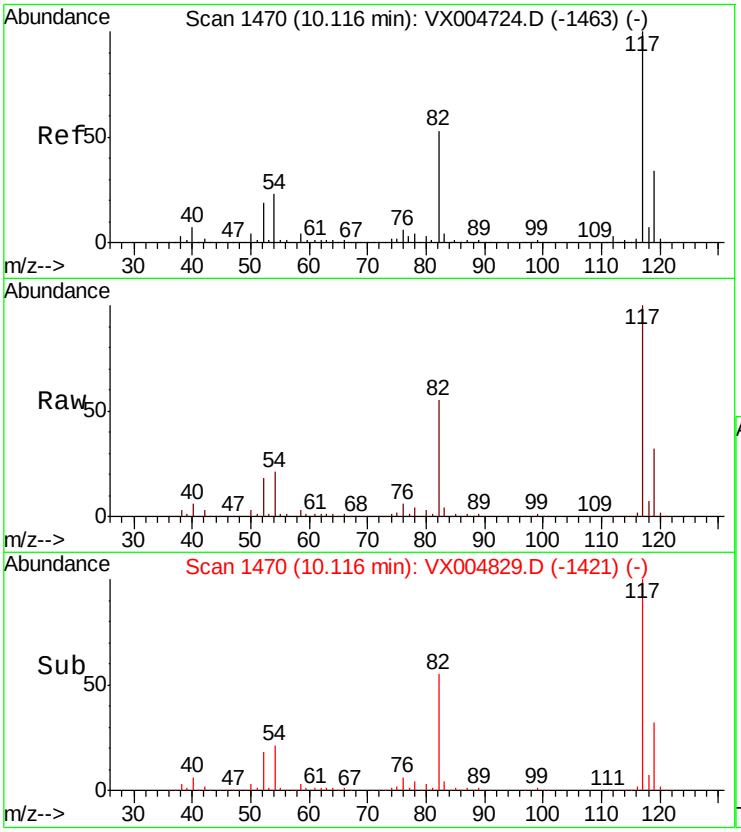


#62
4-Bromofluorobenzene
Concen: 52.083 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 95 Resp: 205041

Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	185.2
176	87.2	0.0	178.6



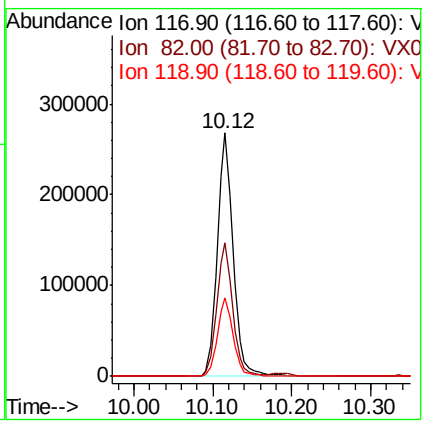


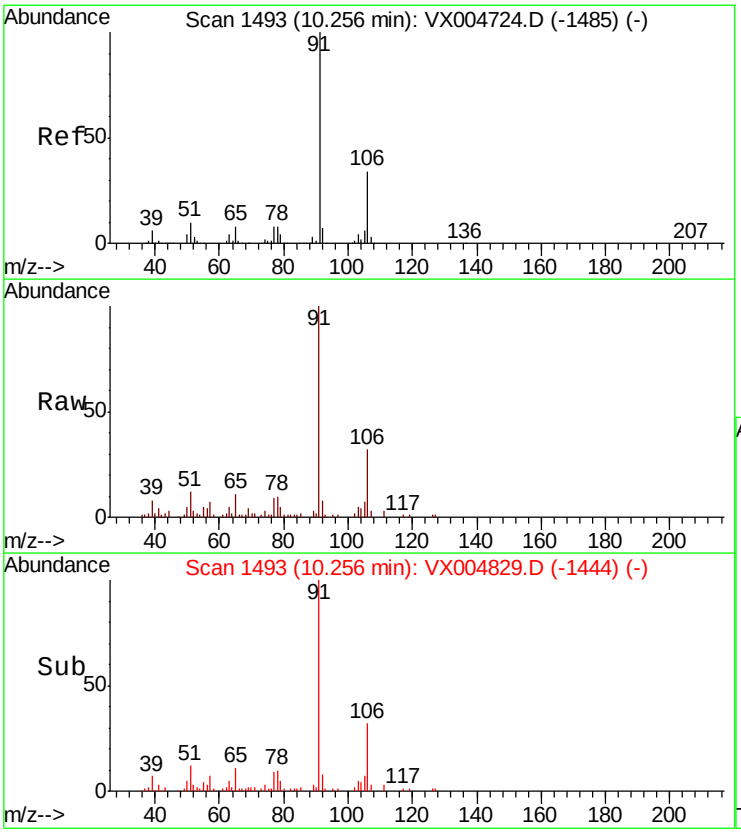
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3284

Tgt Ion:117 Resp: 375788

Ion	Ratio	Lower	Upper
117	100		
82	54.7	47.8	71.6
119	32.0	29.3	43.9

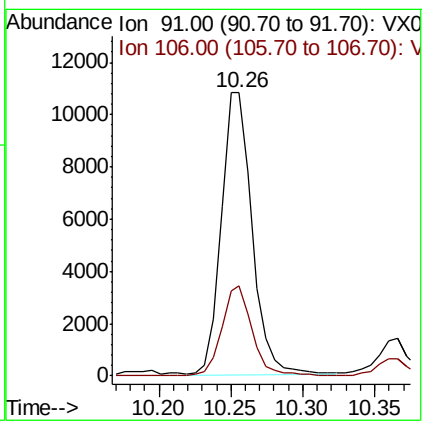


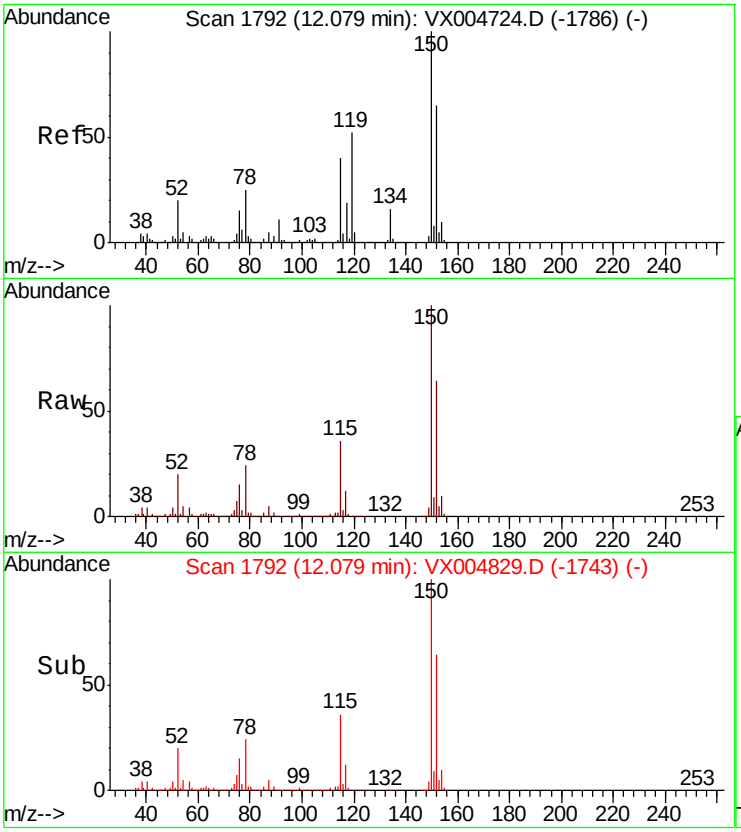


#67
Ethyl Benzene
Concen: 1.065 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion: 91 Resp: 16289

Ion	Ratio	Lower	Upper
91	100		
106	31.9	25.9	38.9



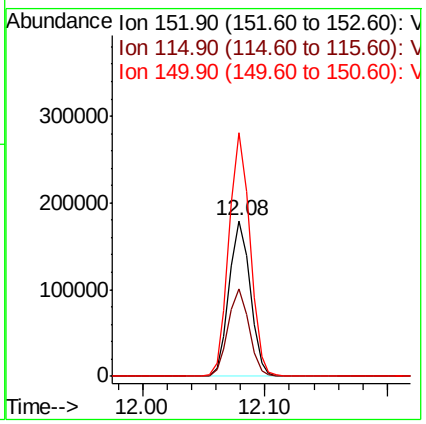


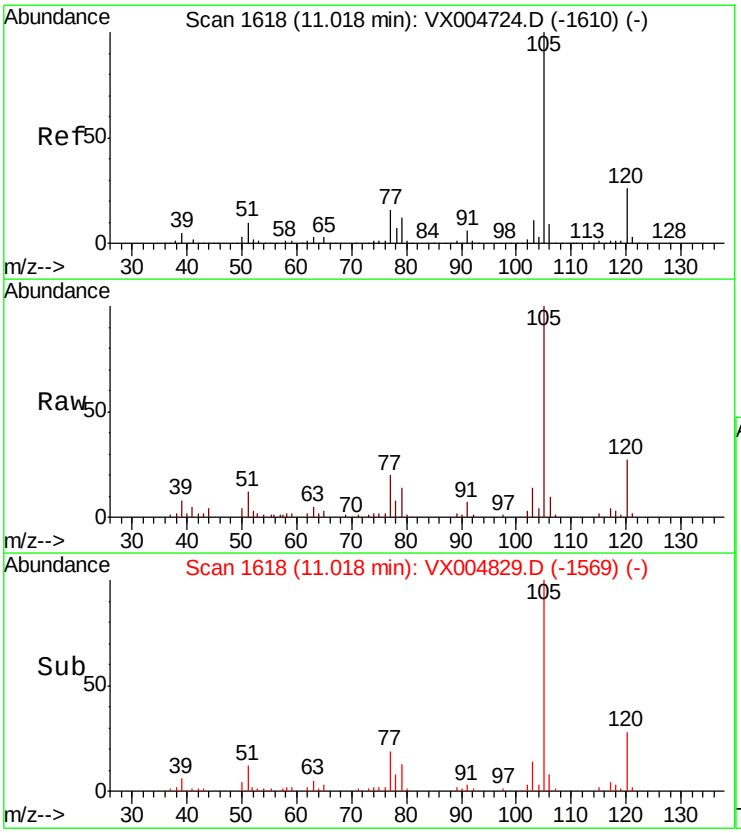
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument : MSVOA_X
ClientSampleId : FA18-JMW-3284

Tgt Ion:152 Resp: 213451

Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	117.0
150	156.1	0.0	351.0

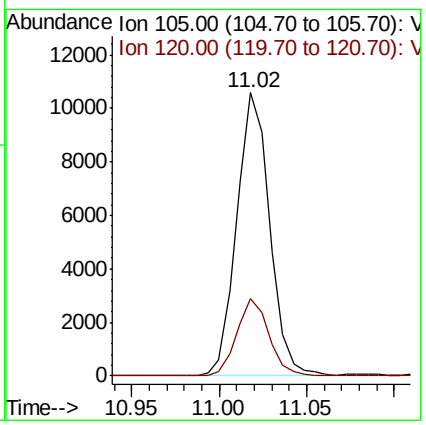


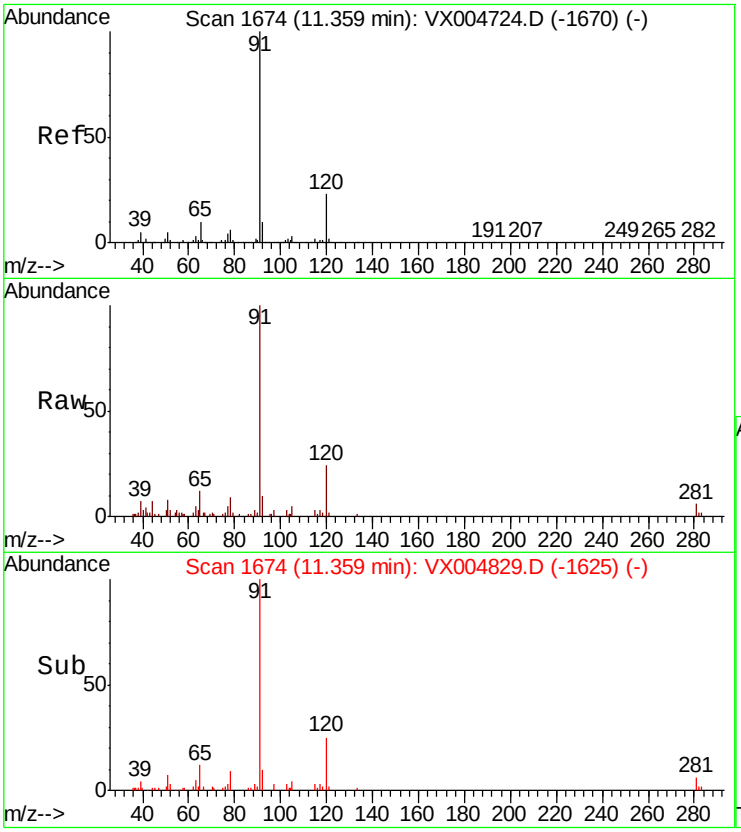


#73
Isopropylbenzene
Concen: 1.032 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion:105 Resp: 13880

Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4



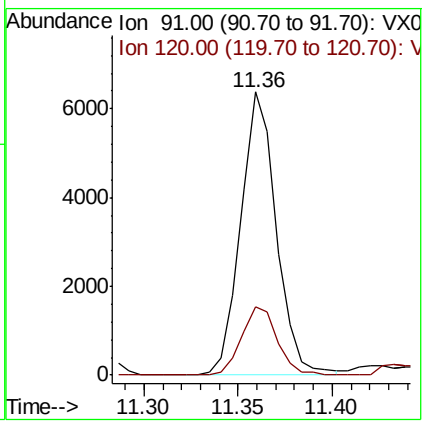


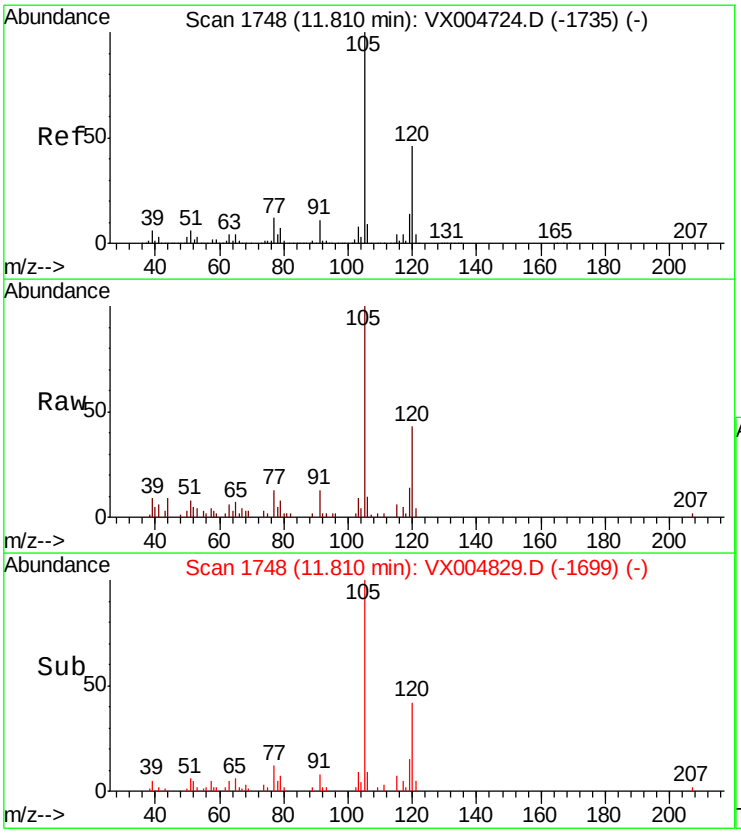
#78
n-propylbenzene
Concen: 0.541 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion: 91 Resp: 8345

Ion	Ratio	Lower	Upper
91	100		
120	24.2	11.9	35.9

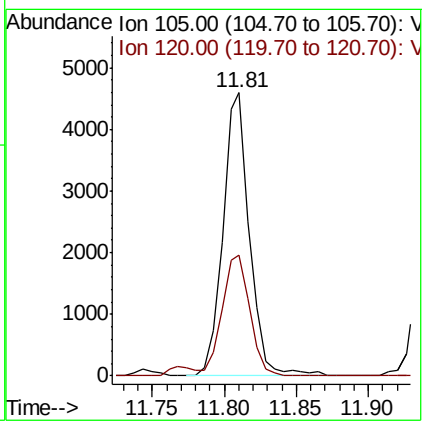


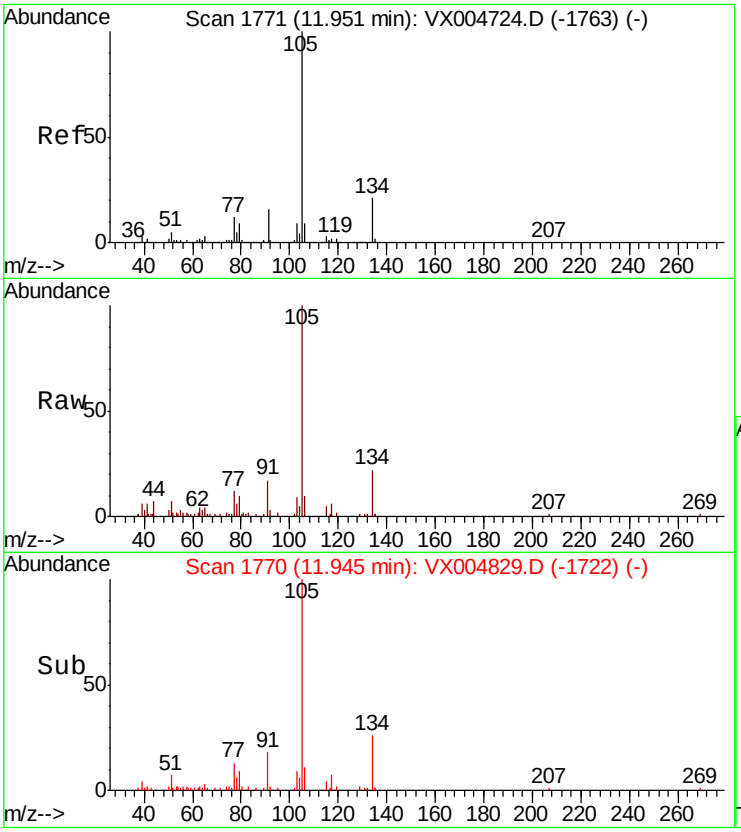


#84
1,2,4-Trimethylbenzene
Concen: 0.272 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Tgt Ion:105 Resp: 5963

Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.6





#85
sec-Butylbenzene
Concen: 0.599 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.01 min
Lab File: VX004829.D
Acq: 28 Sep 2018 18:45

Instrument :
MSVOA_X
ClientSampleId :
FA18-JMW-3284

Tgt Ion:105 Resp: 8086

Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.5	31.5