Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009372.D
Acq On : 07 May 2019 12:25
Operator : JC/SP
Sample : K2628-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 001M-WILLETS-PT-BLVD(MAY)

Quant Time: May 08 02:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31066	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	174348	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	152131	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	74758	29.01	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 96.70%			
60) 4-Bromofluorobenzene	11.13	95	72770	28.15	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.83%			
63) Toluene-d8	8.71	98	217888	30.21	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.70%			
Target Compounds						Qvalue
15) Acetone	2.44	58	395746	992.361	ug/l	97
30) 2-Butanone	4.68	43	8265	4.125	ug/l #	94
58) 4-Methyl-2-Pentanone	8.64	43	6308	1.686	ug/l	98
62) Toluene	8.78	91	42922	5.280	ug/l	100
67) m/p-Xylenes	10.36	106	1994	0.603	ug/l	98
68) o-Xylene	10.69	106	1274	0.392	ug/l	93
80) 1,2,4-Trimethylbenzene	11.80	105	5477	0.738	ug/l	82
82) p-Isopropyltoluene	12.06	119	2591	0.335	ug/l	94
91) Naphthalene	13.83	128	2367	0.261	ug/l	96

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX050719\
Data File : VX009372.D
Acq On : 07 May 2019 12:25
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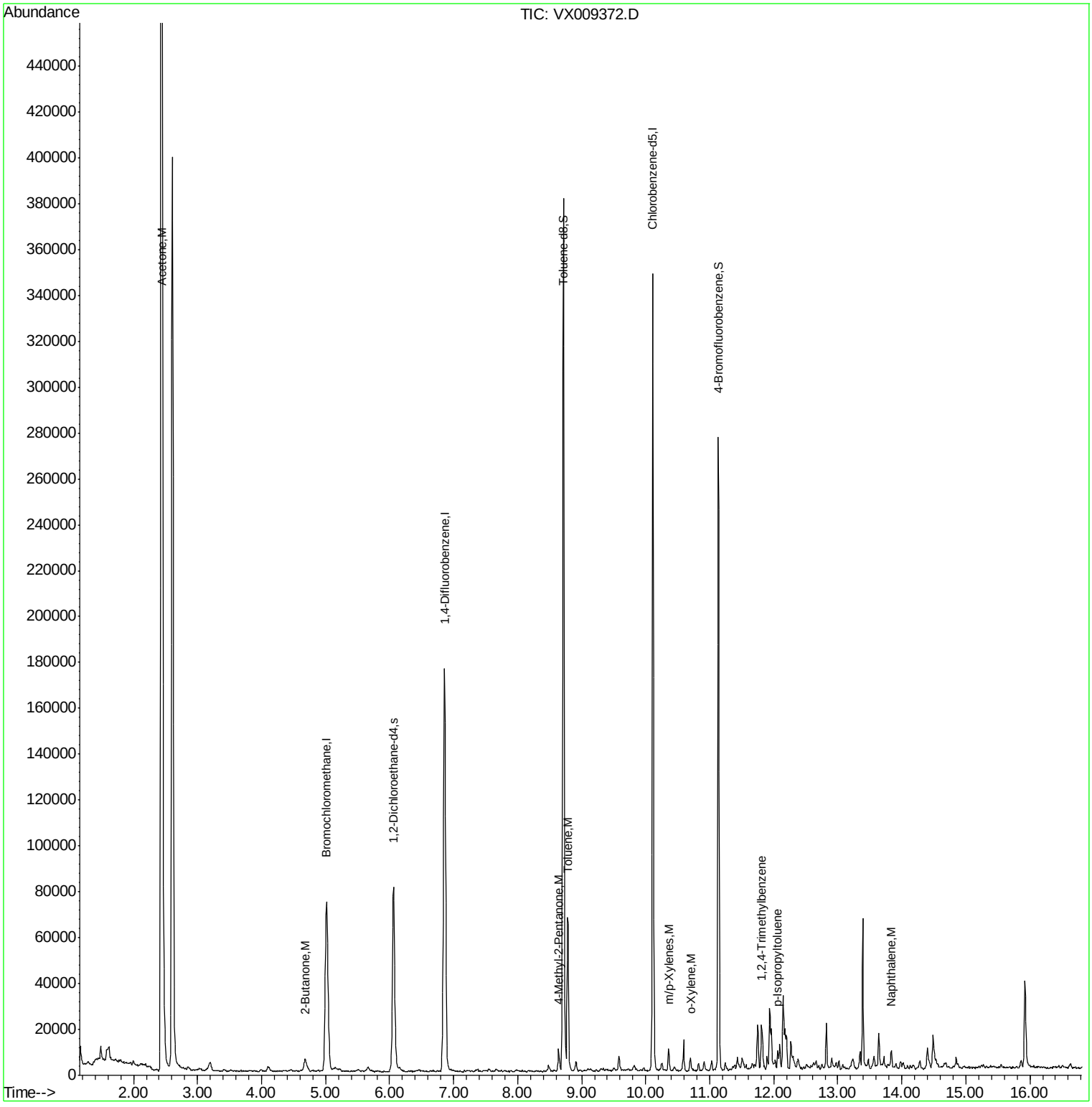
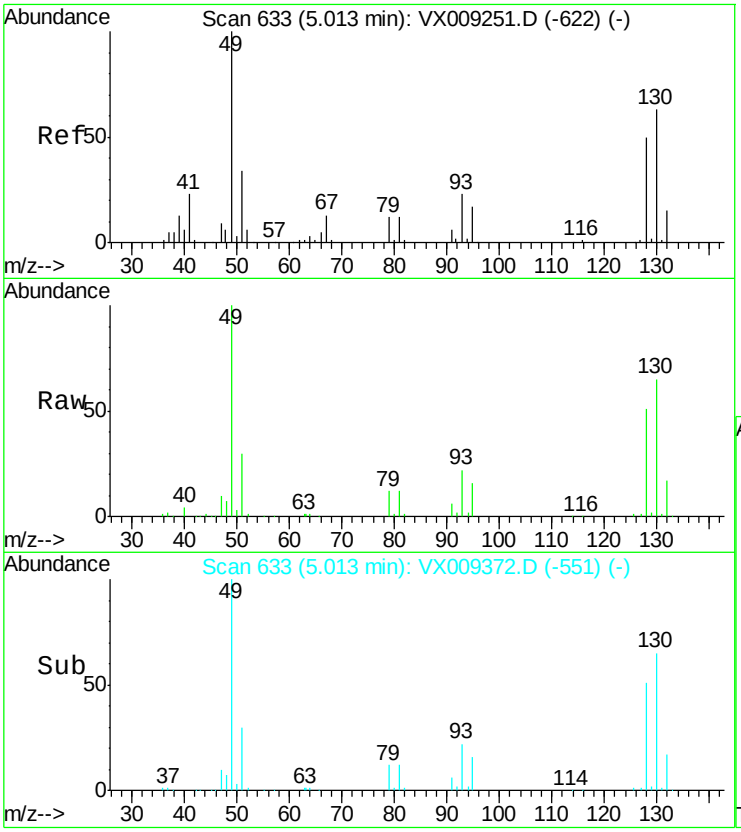
Sample : K2628-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Quant Time: May 08 02:21:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration



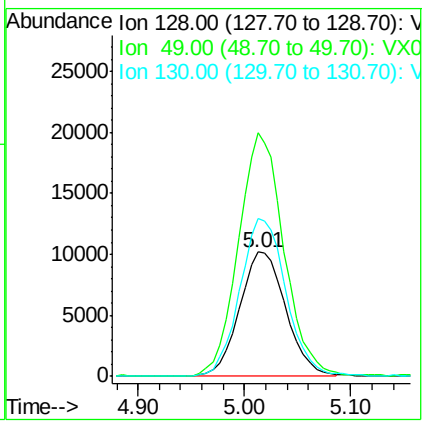


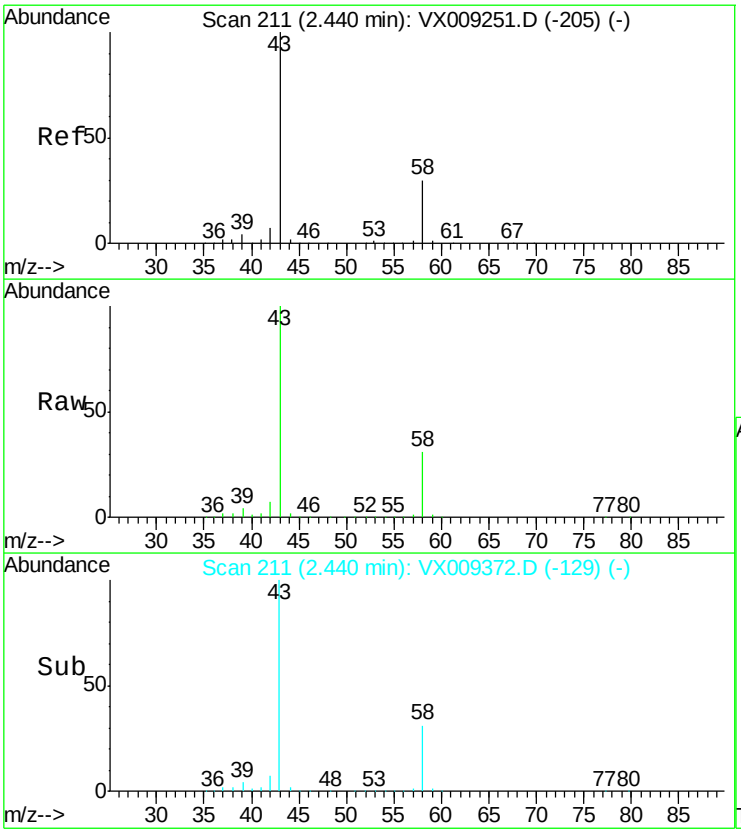
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:128 Resp: 31066

Ion	Ratio	Lower	Upper
128	100		
49	192.1	0.0	515.0
130	126.3	0.0	323.3

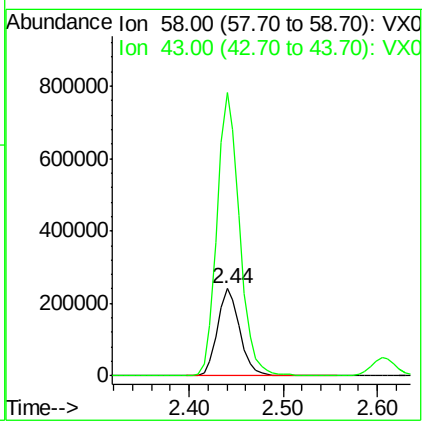


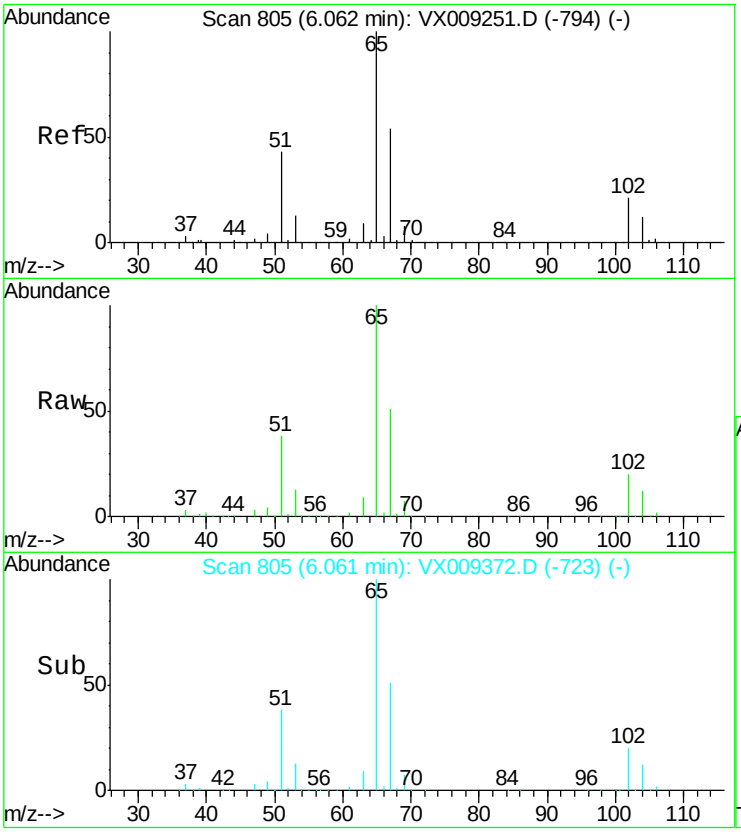


#15
Acetone
Concen: 992.361 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion: 58 Resp: 395746

Ion	Ratio	Lower	Upper
58	100		
43	324.6	264.0	396.0



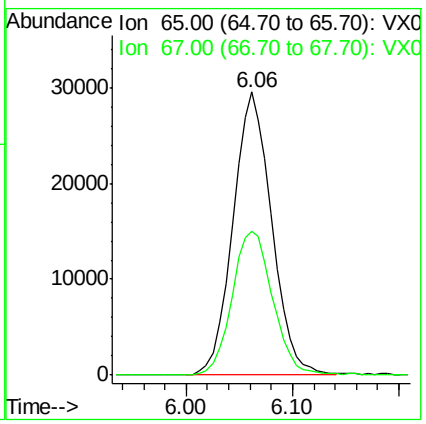


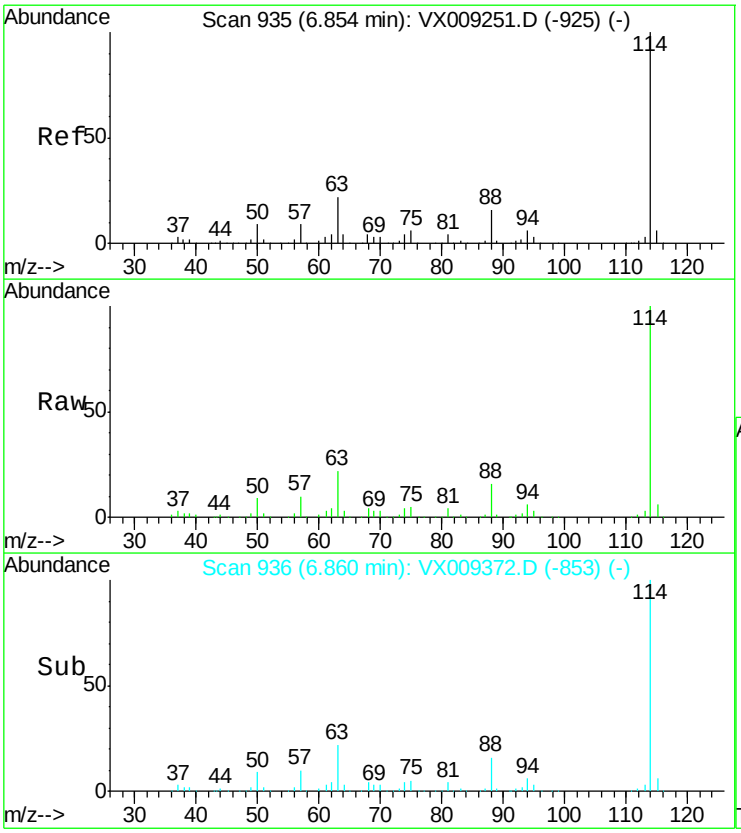
#27
1,2-Dichloroethane-d4
Concen: 29.009 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 65 Resp: 74758

Ion	Ratio	Lower	Upper
65	100		
67	53.5	43.1	64.7

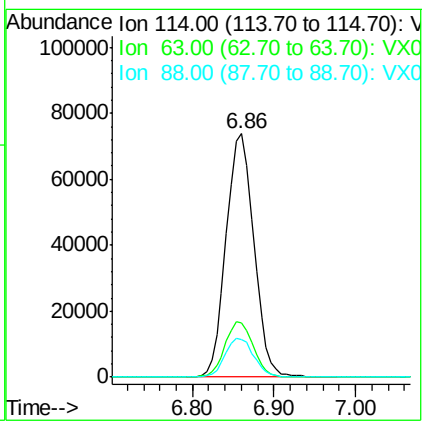


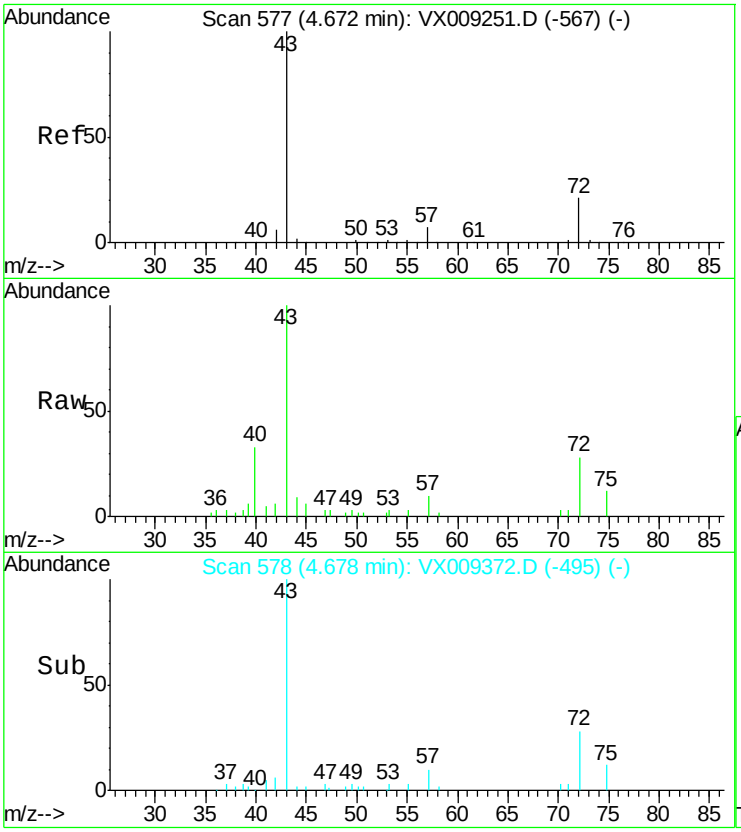


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.01 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion:114 Resp: 174348

Ion	Ratio	Lower	Upper
114	100		
63	22.9	18.0	27.0
88	16.4	13.4	20.0



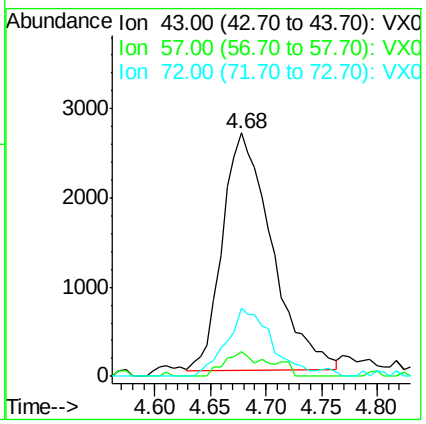


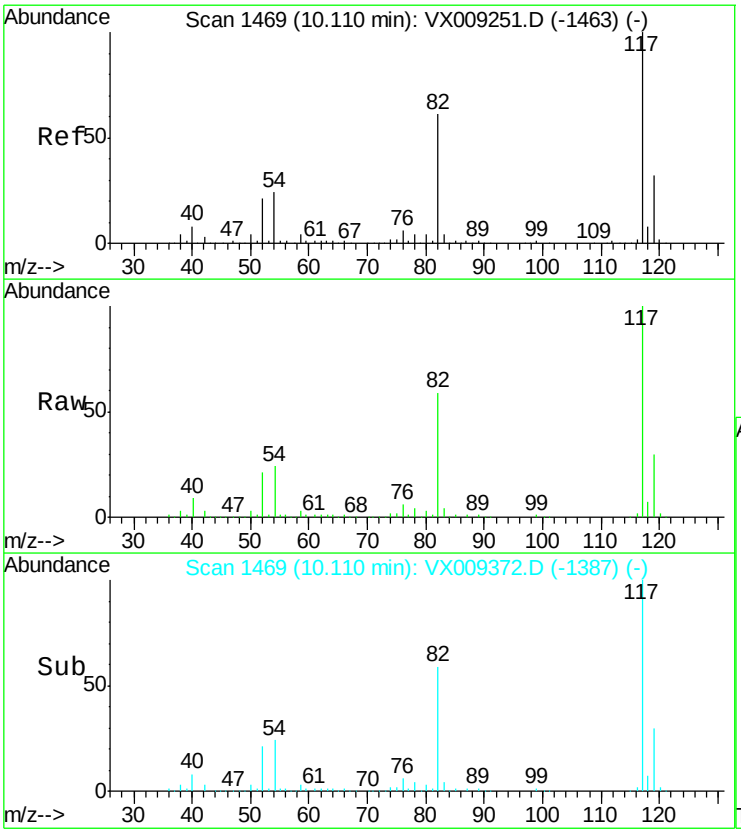
#30
2-Butanone
Concen: 4.125 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 43 Resp: 8265

Ion	Ratio	Lower	Upper
43	100		
57	5.6	6.0	9.0#
72	25.7	18.2	27.4

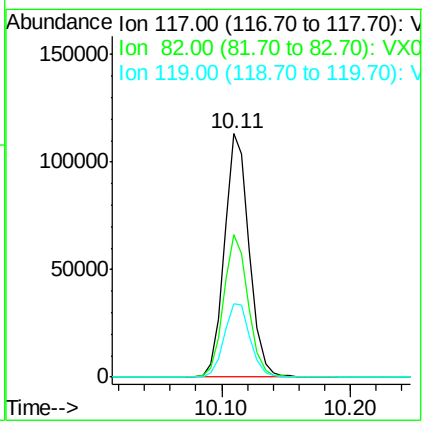


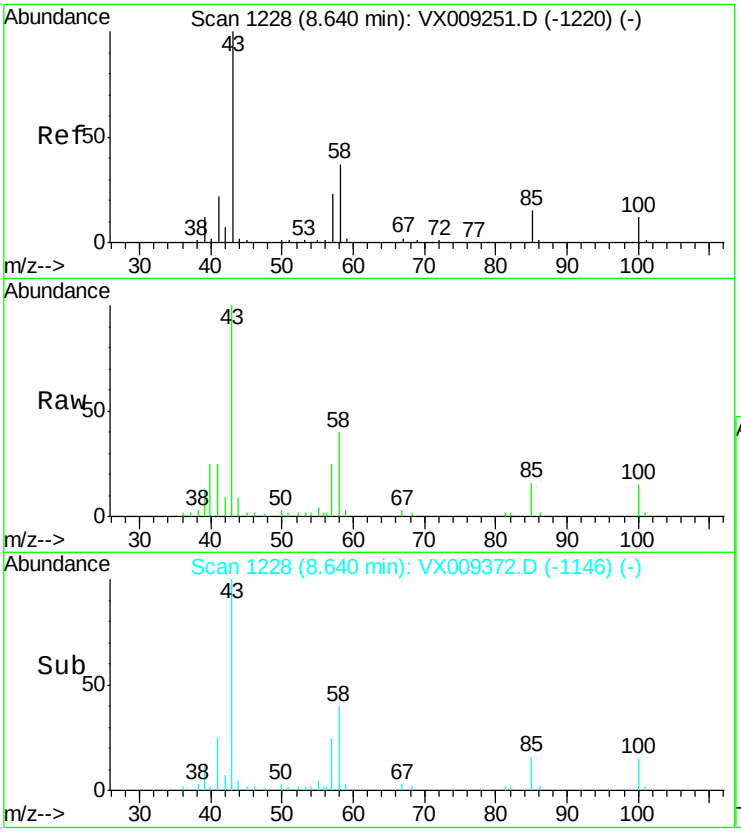


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion:117 Resp: 152131

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.8	71.8
119	31.7	25.6	38.4



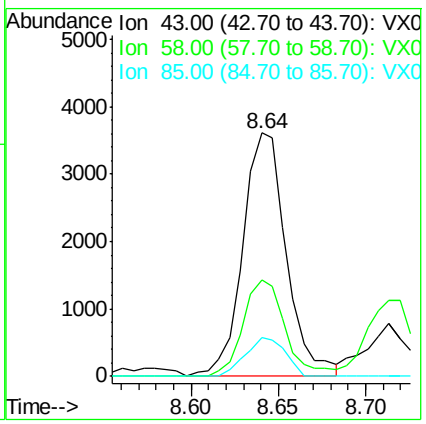


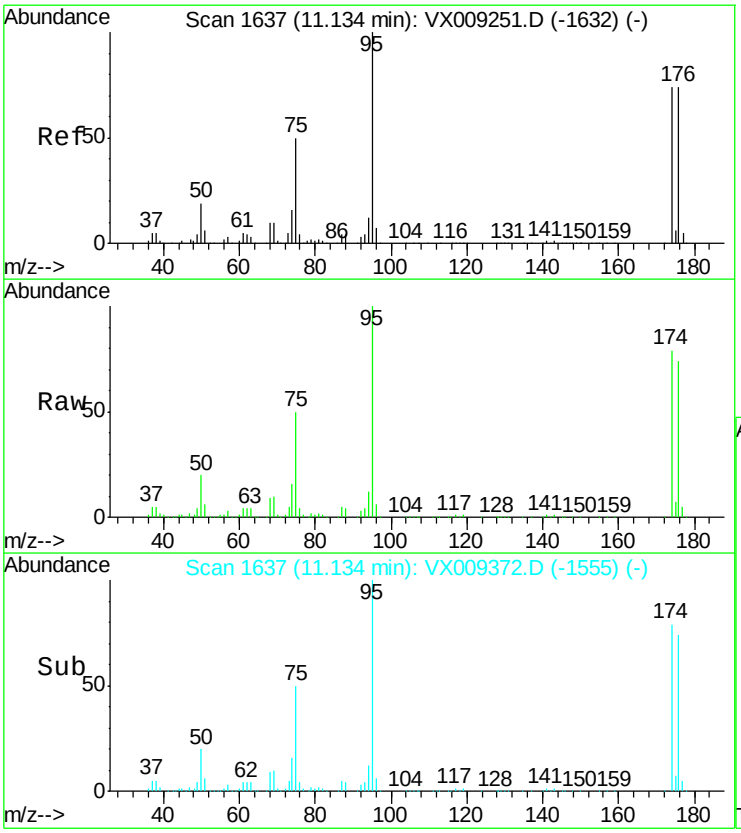
#58
4-Methyl-2-Pentanone
Concen: 1.686 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 43 Resp: 6308

Ion	Ratio	Lower	Upper
43	100		
58	38.5	29.4	44.0
85	14.3	11.8	17.8

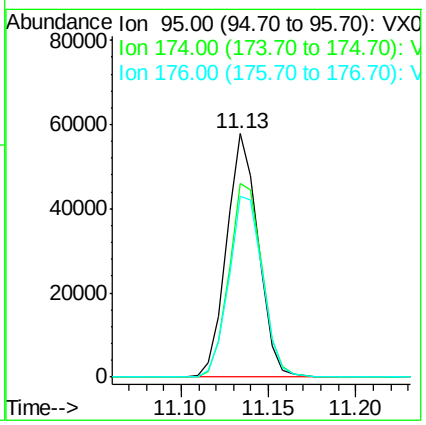


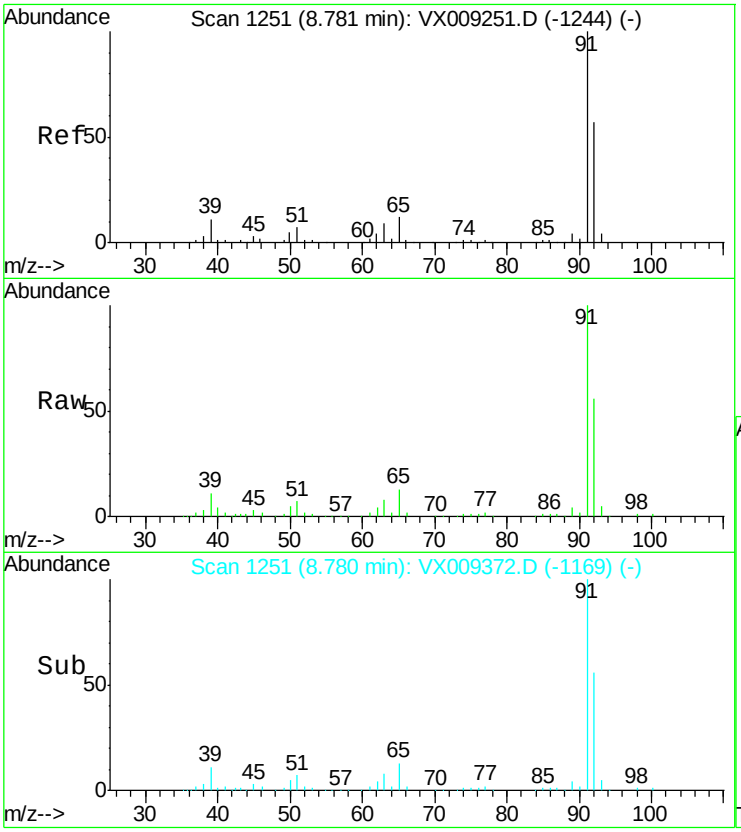


#60
4-Bromofluorobenzene
Concen: 28.150 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion: 95 Resp: 72770

Ion	Ratio	Lower	Upper
95	100		
174	83.2	63.6	95.4
176	79.3	62.4	93.6



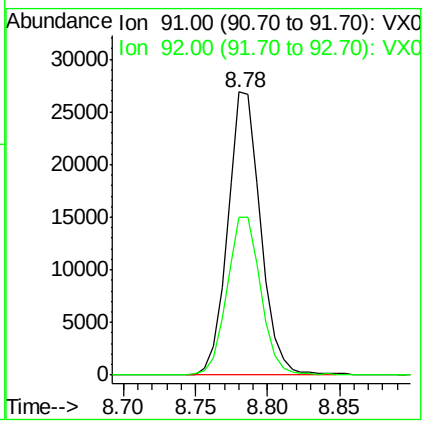


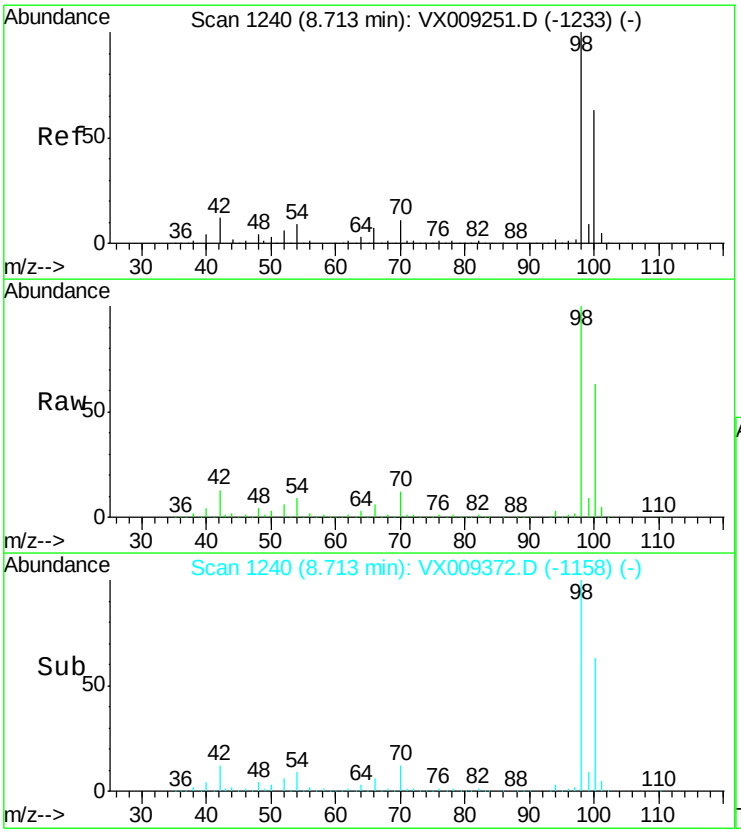
#62
Toluene
Concen: 5.280 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion: 91 Resp: 42922

Ion	Ratio	Lower	Upper
91	100		
92	57.5	46.1	69.1

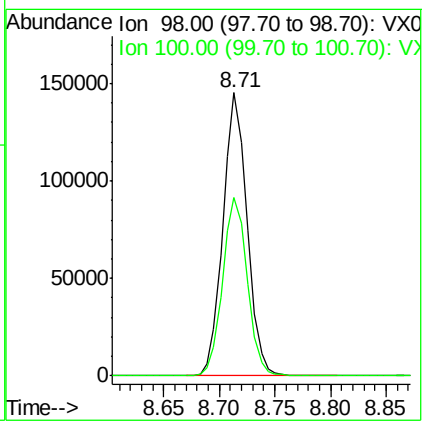


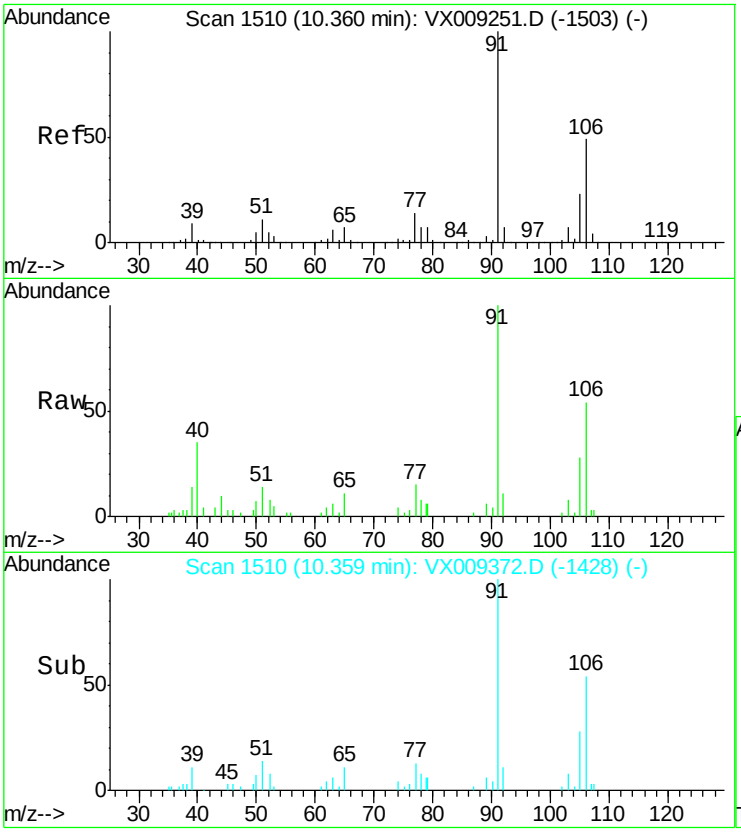


#63
Toluene-d8
Concen: 30.209 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion: 98 Resp: 217888

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.3	78.5



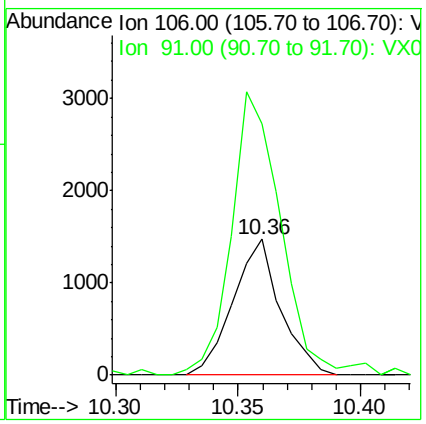


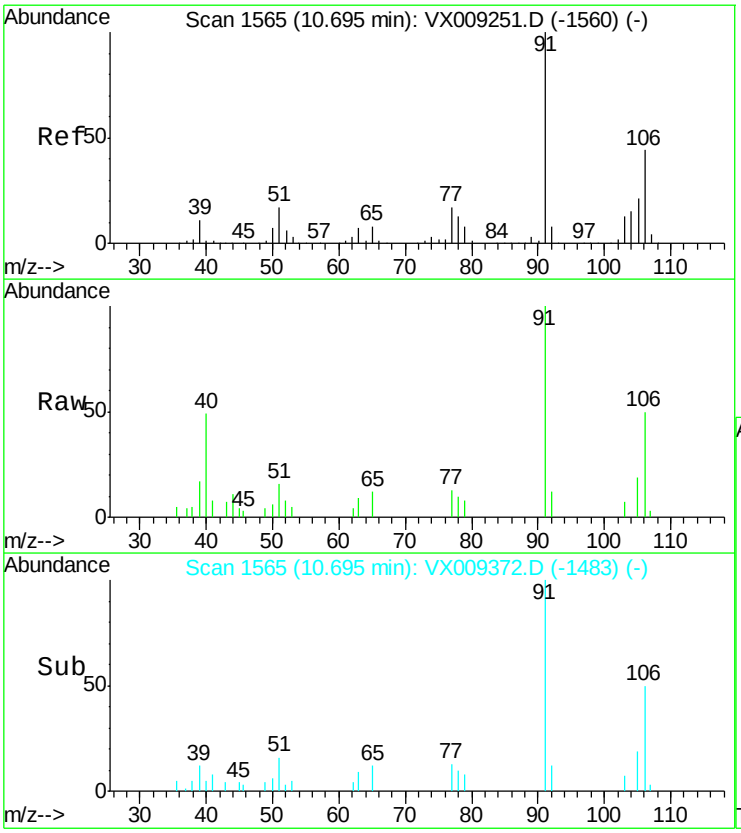
#67
m/p-Xylenes
Concen: 0.603 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:106 Resp: 1994

Ion	Ratio	Lower	Upper
106	100		
91	212.1	166.8	250.2

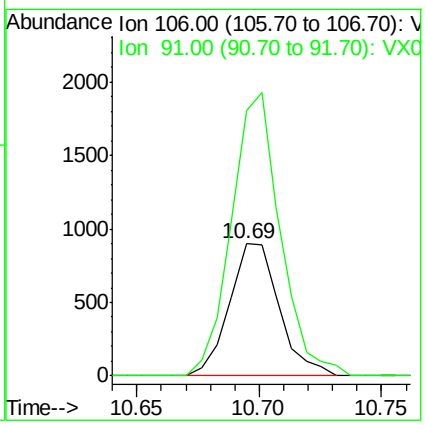


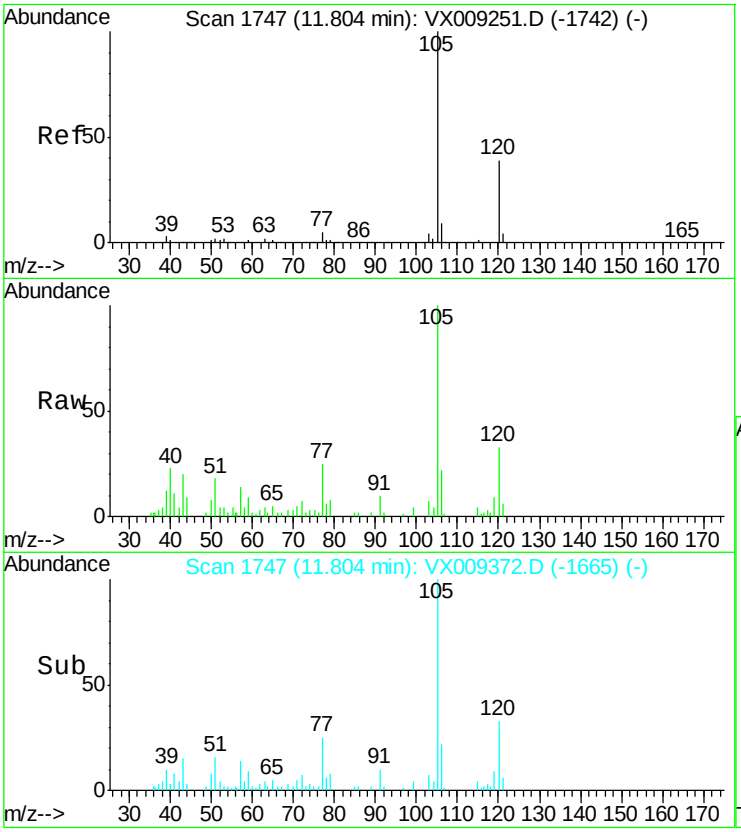


#68
o-Xylene
Concen: 0.392 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion:106 Resp: 1274

Ion	Ratio	Lower	Upper
106	100		
91	209.4	110.8	332.3



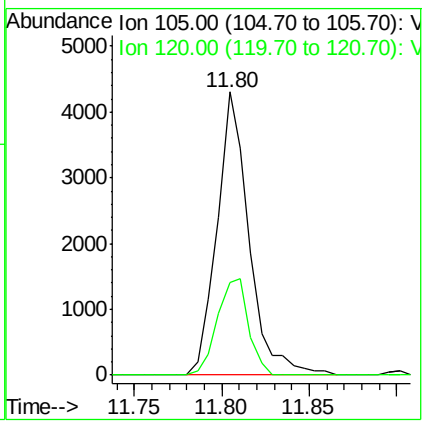


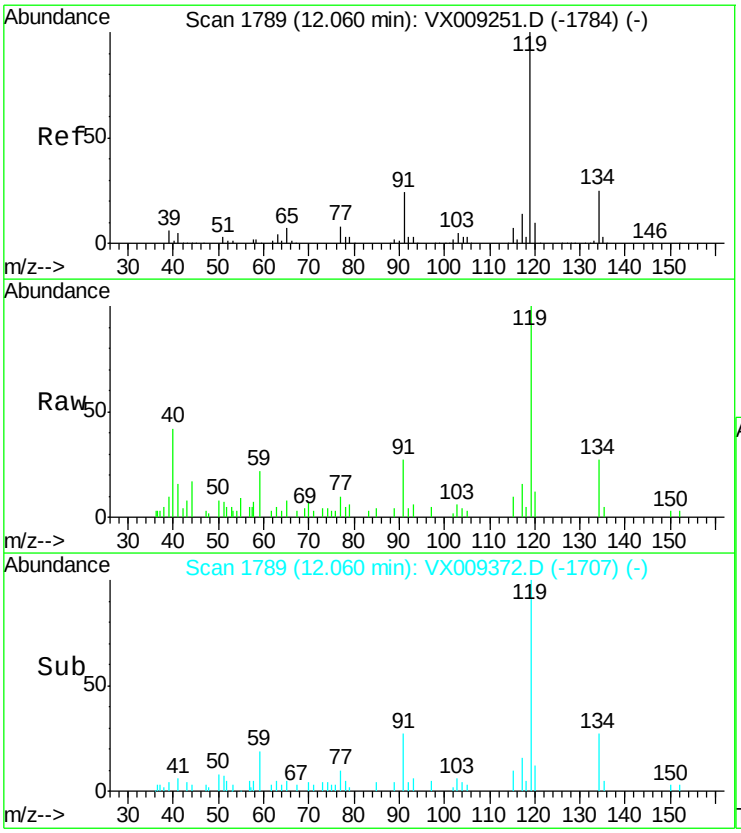
#80
1,2,4-Trimethylbenzene
Concen: 0.738 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:105 Resp: 5477

Ion	Ratio	Lower	Upper
105	100		
120	33.1	0.0	89.6

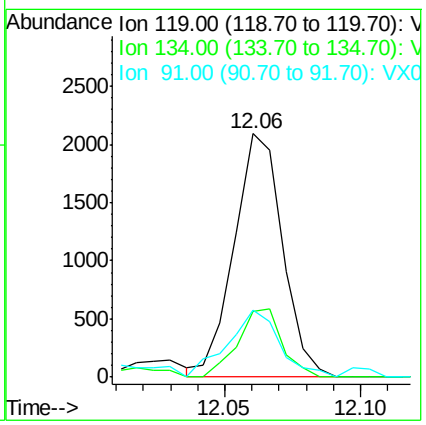


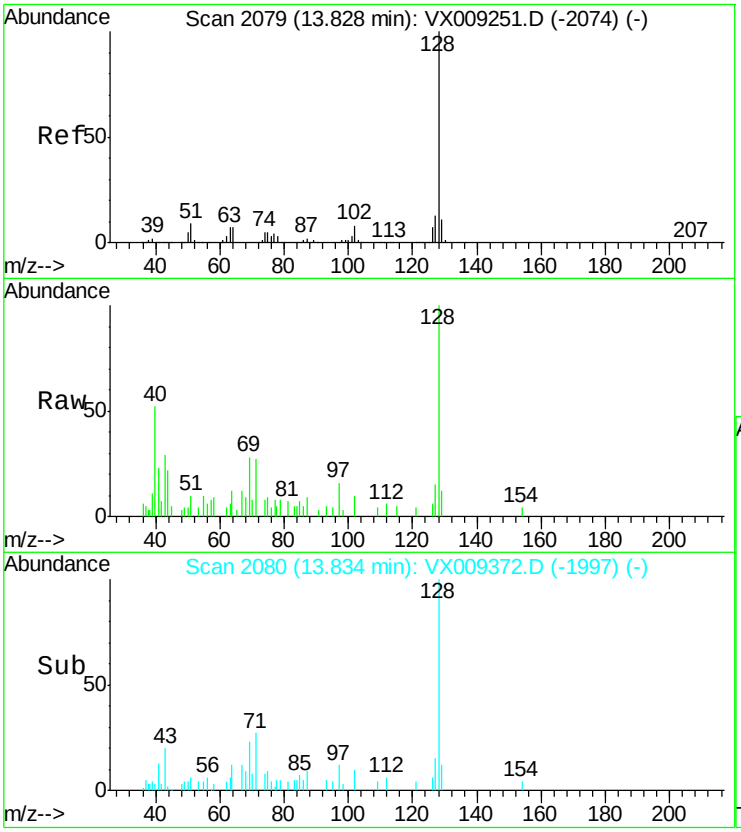


#82
p-Isopropyltoluene
Concen: 0.335 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Tgt Ion:119 Resp: 2591

Ion	Ratio	Lower	Upper
119	100		
134	25.3	0.0	50.8
91	29.2	0.0	47.2





#91
Naphthalene
Concen: 0.261 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX009372.D
Acq: 07 May 2019 12:25

Instrument :
MSVOA_X
ClientSampleId :
001M-WILLETS-PT-BLVD(MAY)

Tgt Ion:128 Resp: 2367

Ion	Ratio	Lower	Upper
128	100		
127	15.7	10.5	15.7
129	10.9	8.7	13.1