

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004179.D
 Acq On : 21 Aug 2018 16:44
 Operator : JC/MD
 Sample : J4561-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7

Quant Time: Aug 22 01:45:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

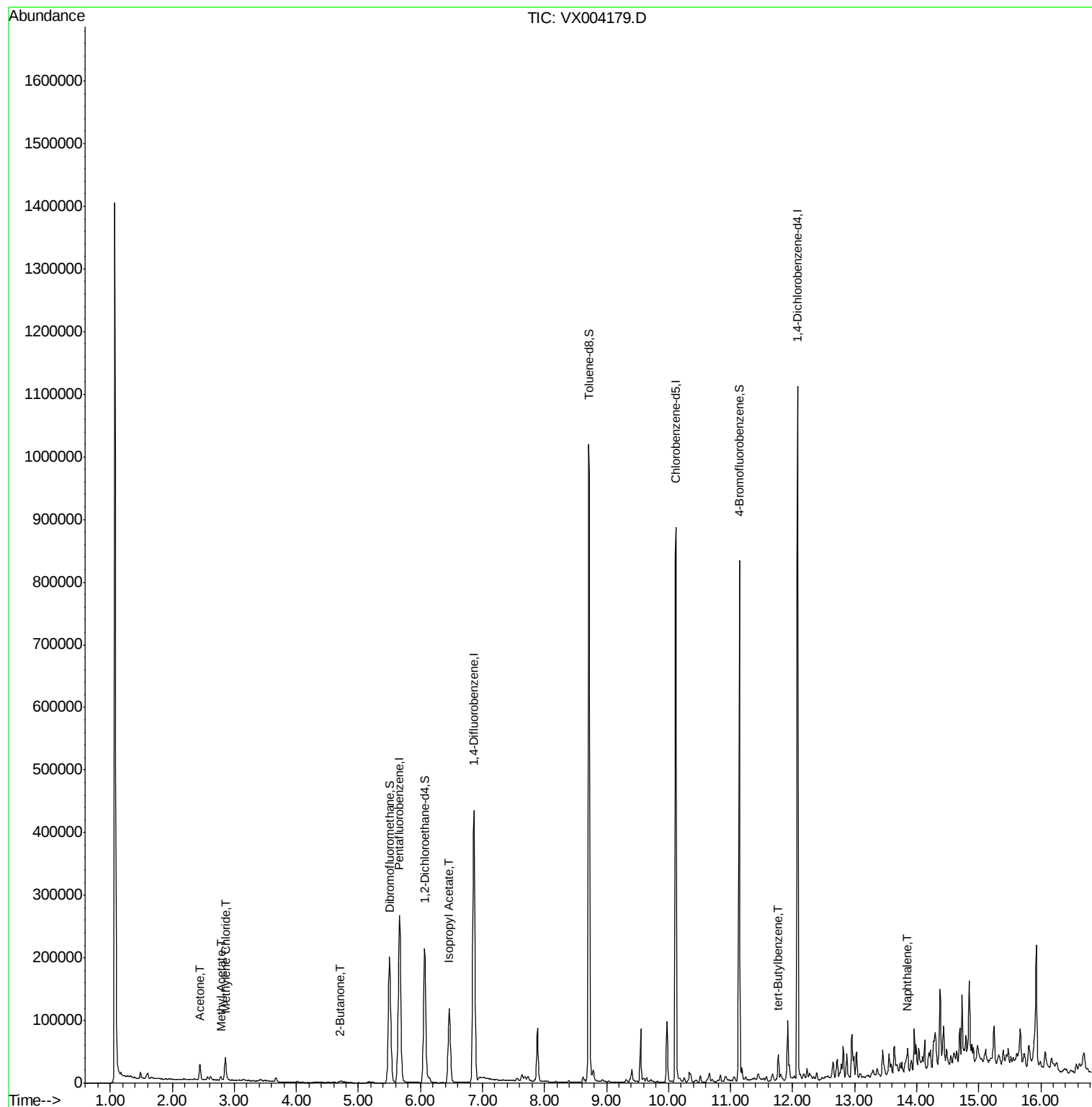
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	276726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	419413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198664	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	168962	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	8.71	98	616763	45.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.94%	
62) 4-Bromofluorobenzene	11.14	95	212811	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
16) Acetone	2.45	43	26889	13.26	ug/l	99
18) Methyl Acetate	2.78	43	6866	1.52	ug/l	95
20) Methylene Chloride	2.86	84	16080	4.30	ug/l	96
25) 2-Butanone	4.70	43	5828	1.77	ug/l	99
43) Isopropyl Acetate	6.46	43	154878	18.97	ug/l	99
83) tert-Butylbenzene	11.77	119	14828	1.14	ug/l	91
95) Naphthalene	13.83	128	12448	1.89	ug/l #	77

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004179.D

Acq: 21 Aug 2018 16:44

Instrument :

MSVOA_X

ClientSampleId :

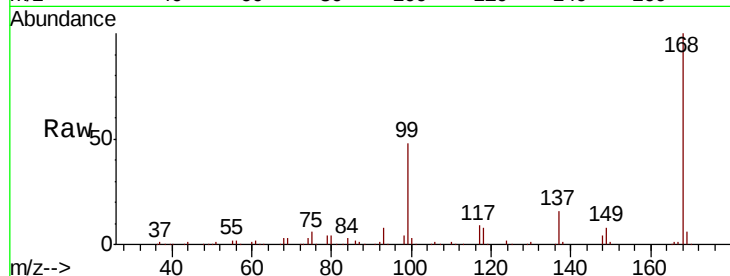
H-R-P-T-WC-1-GRAB-7

Tot Ion:168 Resp: 276726

Ion Ratio Lower Upper

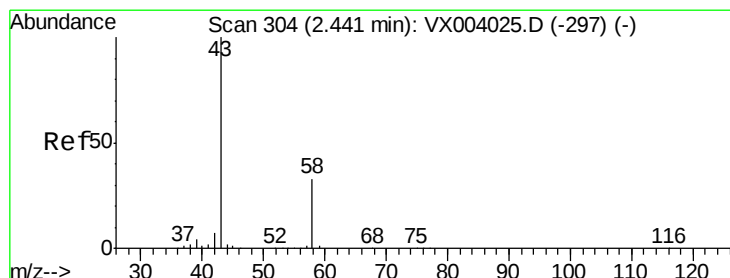
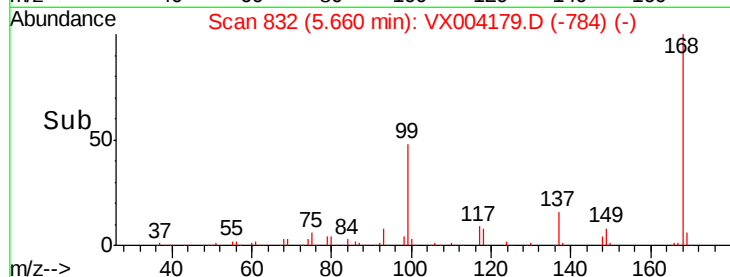
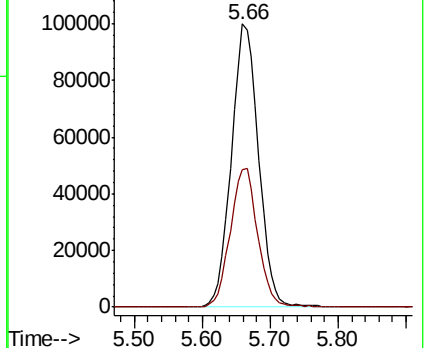
168 100

99 48.5 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 13.26 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004179.D

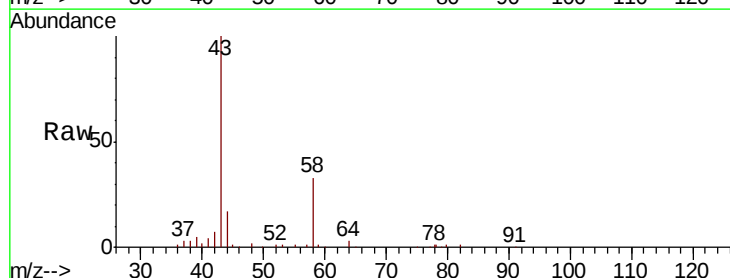
Acq: 21 Aug 2018 16:44

Tgt Ion: 43 Resp: 26889

Ion Ratio Lower Upper

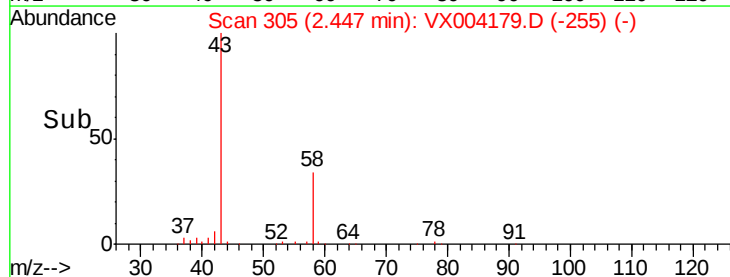
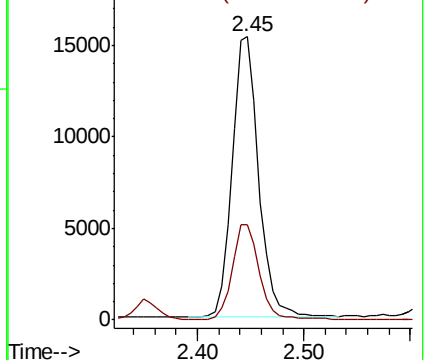
43 100

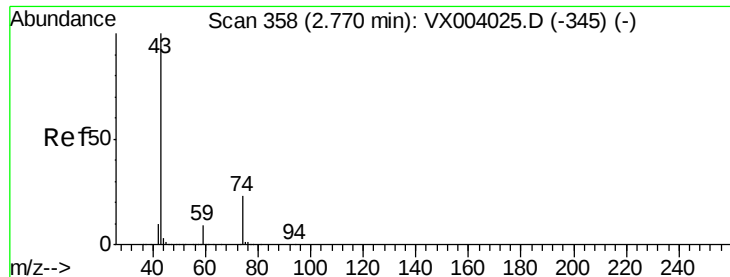
58 33.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

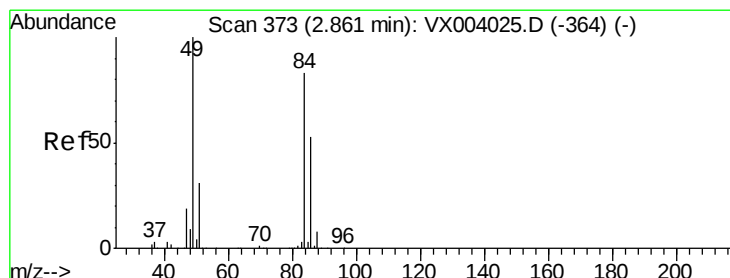
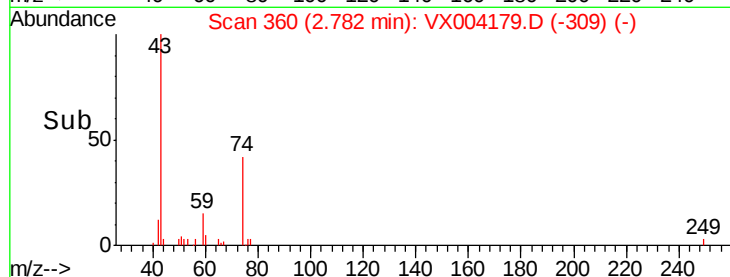
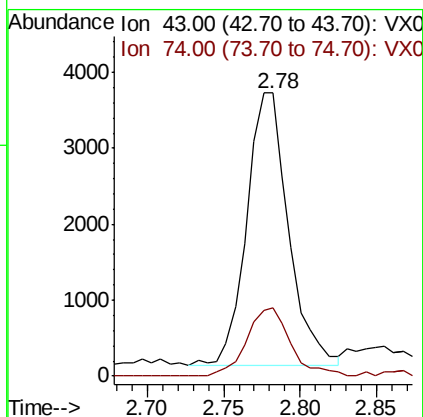
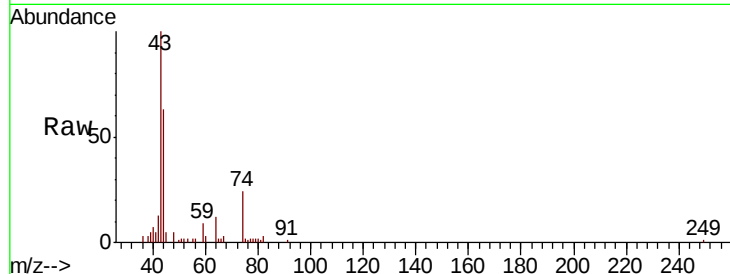




#18
Methvl Acetate
Concen: 1.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004179.D
Acq: 21 Aug 2018 16:44

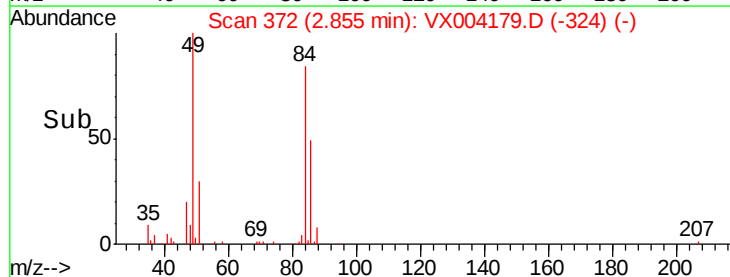
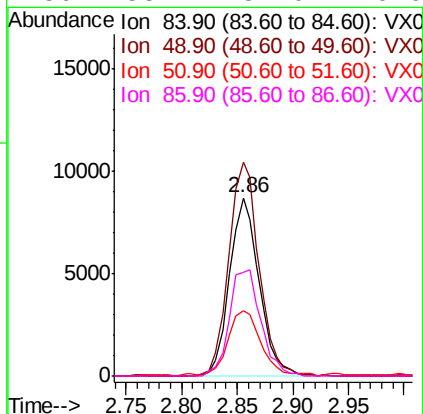
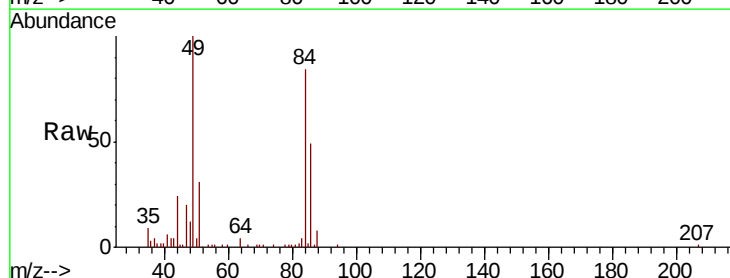
Instrument :
MSVOA_X
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

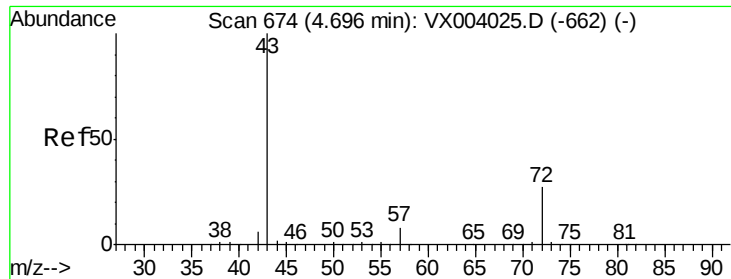
Tot Ion: 43 Resp: 6866
Ion Ratio Lower Upper
43 100
74 26.1 18.9 28.3



#20
Methylene Chloride
Concen: 4.30 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004179.D
Acq: 21 Aug 2018 16:44

Tgt Ion: 84 Resp: 16080
Ion Ratio Lower Upper
84 100
49 119.7 98.9 148.3
51 35.4 29.9 44.9
86 58.2 51.0 76.6





#25

2-Butanone

Concen: 1.77 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004179.D

Acq: 21 Aug 2018 16:44

Instrument :

MSVOA_X

ClientSampleId :

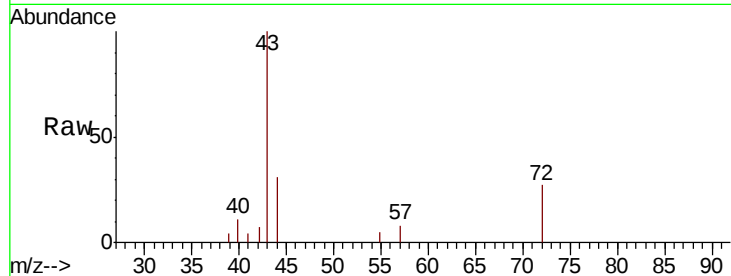
H-R-P-T-WC-1-GRAB-7

Tot Ion: 43 Resp: 5828

Ion Ratio Lower Upper

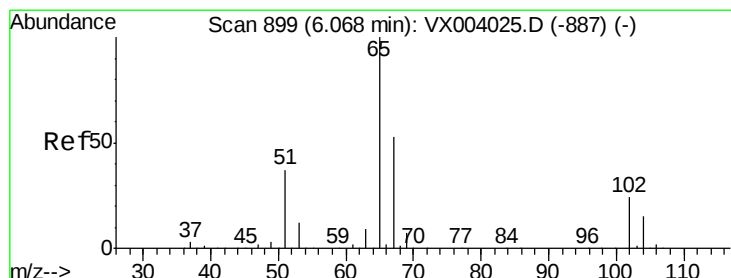
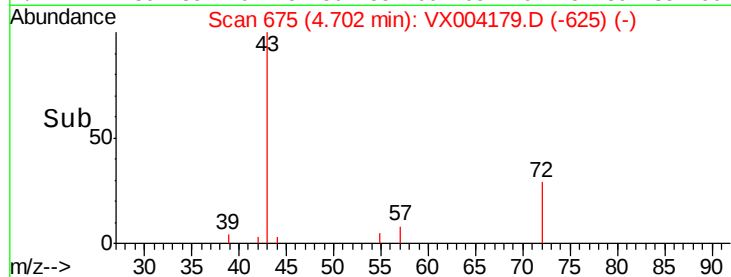
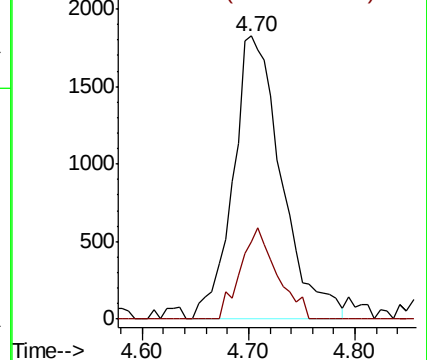
43 100

72 27.2 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.95 ug/l

RT: 6.07 min Scan# 899

Delta R.T. 0.00 min

Lab File: VX004179.D

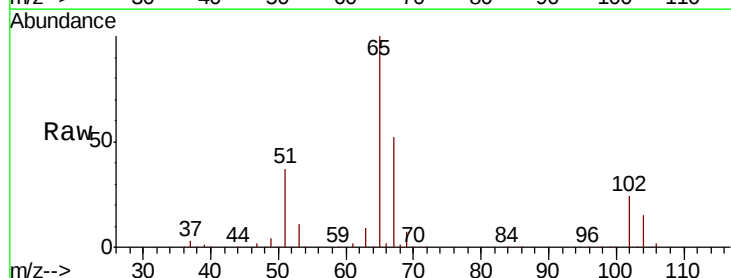
Acq: 21 Aug 2018 16:44

Tgt Ion: 65 Resp: 198664

Ion Ratio Lower Upper

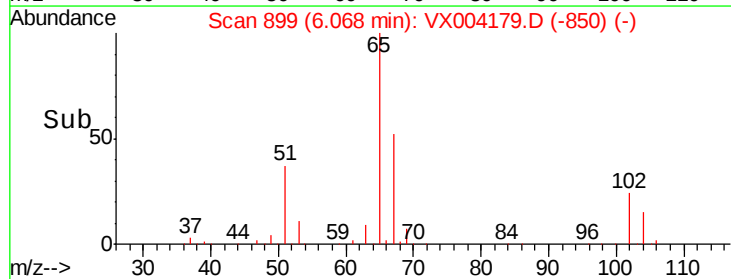
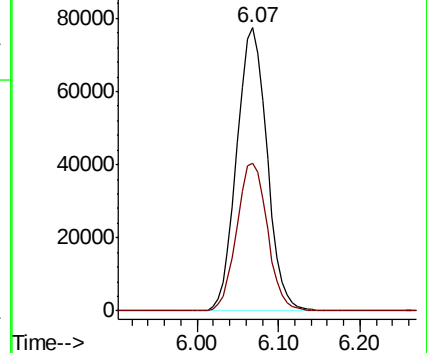
65 100

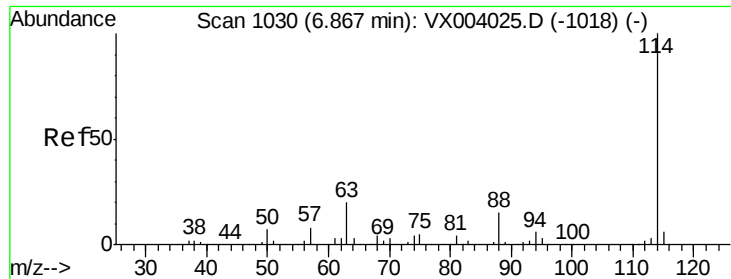
67 53.1 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

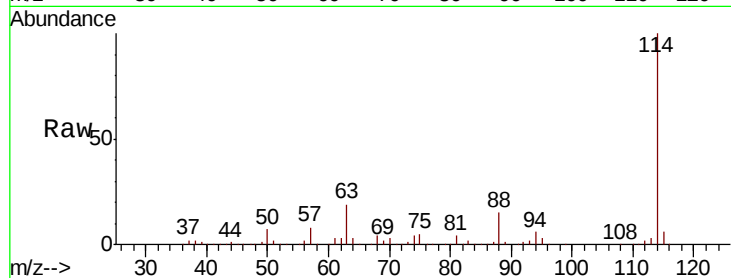




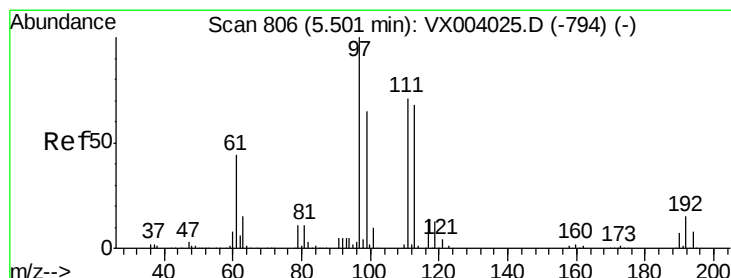
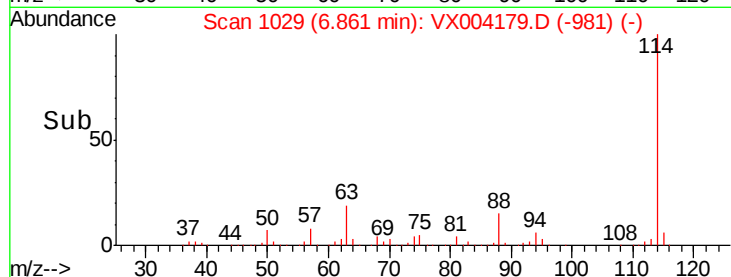
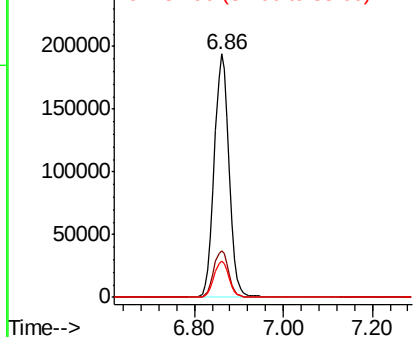
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004179.D
 Acq: 21 Aug 2018 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 H-R-P-T-WC-1-GRAB-7

Tot Ion:114 Resp: 447032
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.0 0.0 32.0

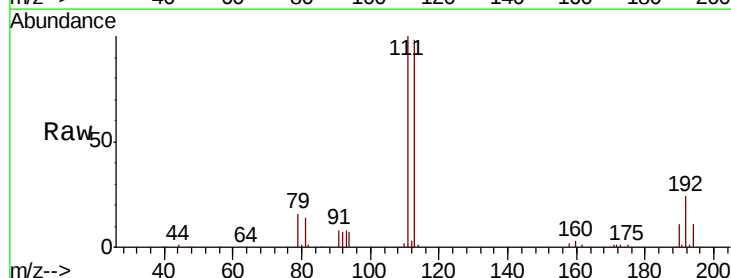


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

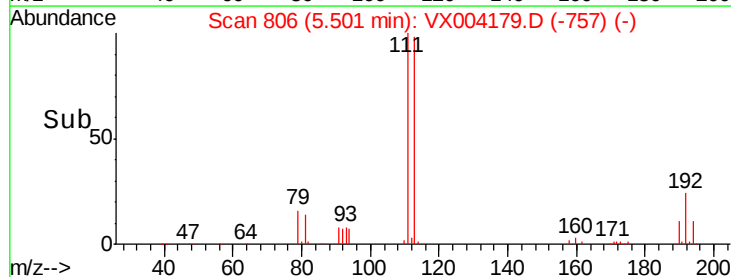
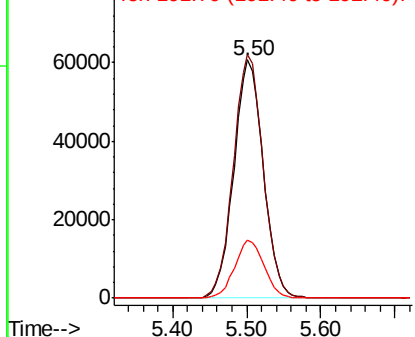


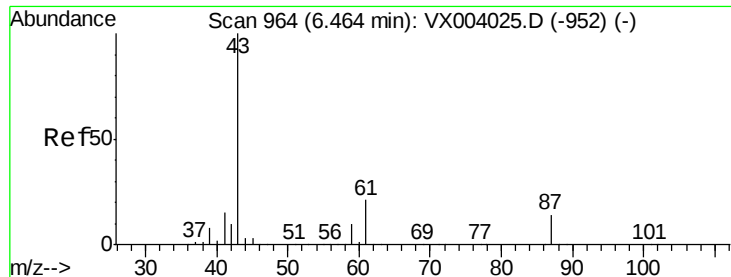
#35
 Dibromofluoromethane
 Concen: 50.50 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004179.D
 Acq: 21 Aug 2018 16:44

Tgt Ion:113 Resp: 168962
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 24.2 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 18.97 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004179.D

Acq: 21 Aug 2018 16:44

Instrument :

MSVOA_X

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

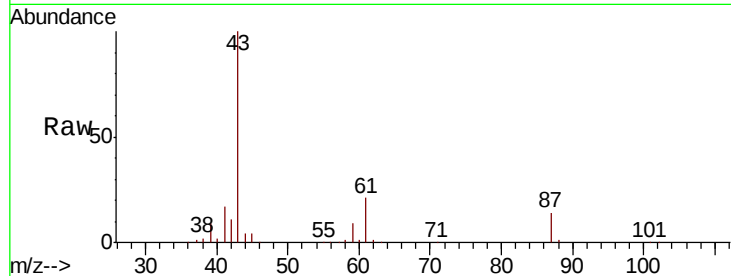
Tot Ion: 43 Resp: 154878

Ion Ratio Lower Upper

43 100

61 20.9 16.9 25.3

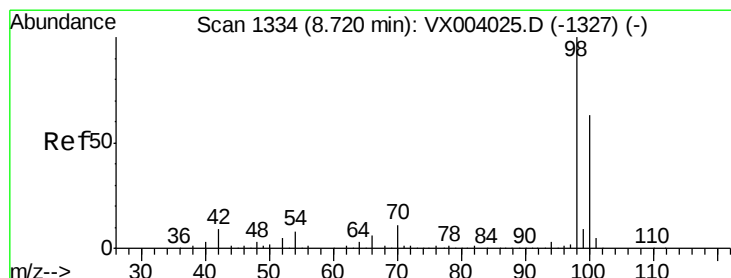
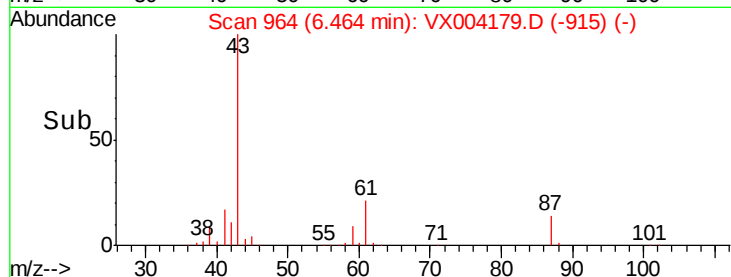
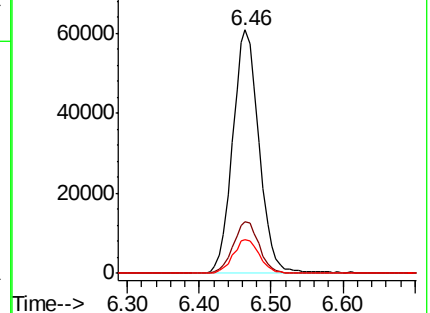
87 13.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 45.47 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004179.D

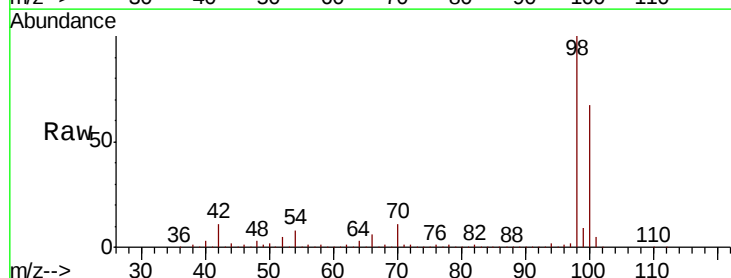
Acq: 21 Aug 2018 16:44

Tgt Ion: 98 Resp: 616763

Ion Ratio Lower Upper

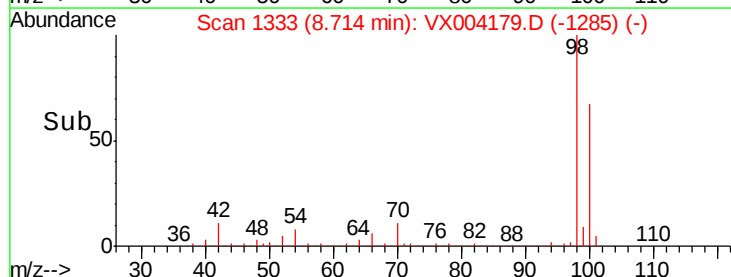
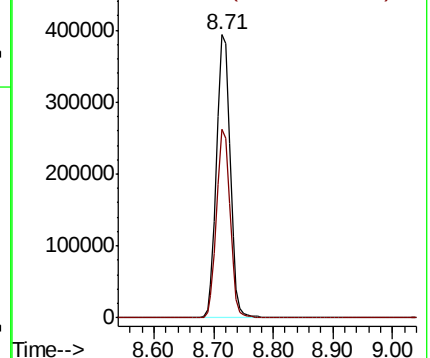
98 100

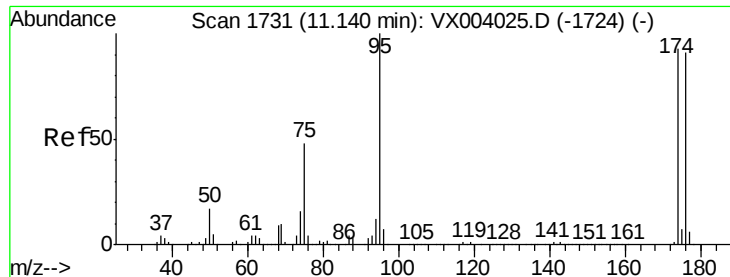
100 65.7 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

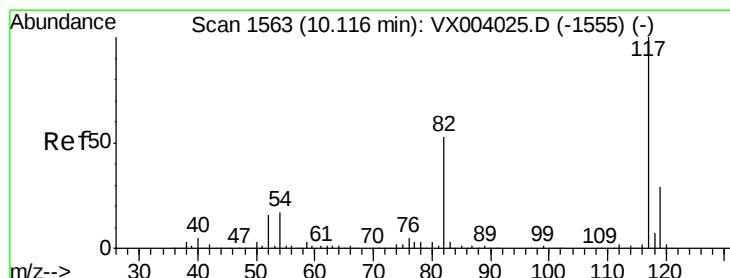
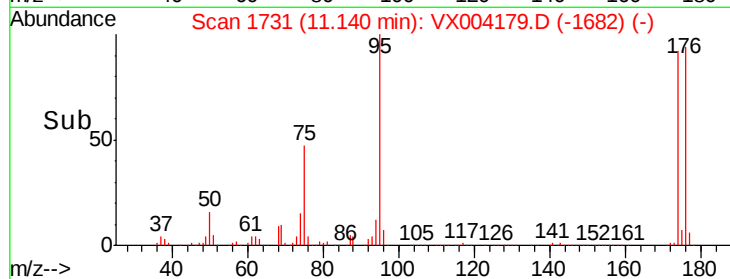
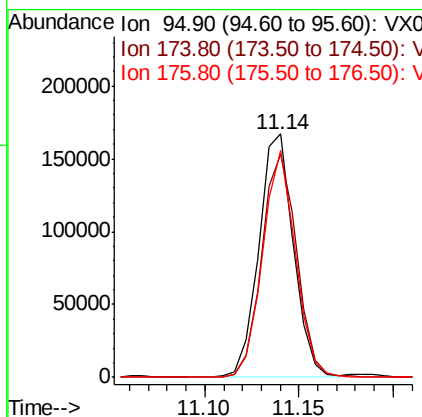
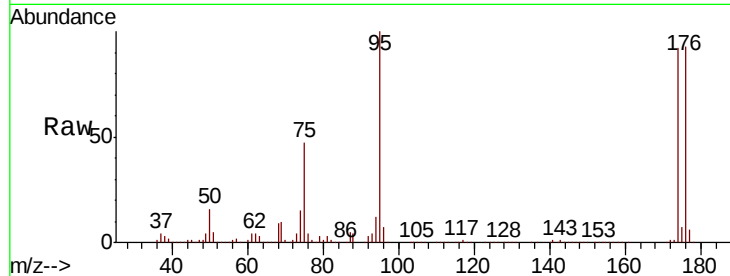




#62
4-Bromofluorobenzene
Concen: 43.26 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004179.D
Acq: 21 Aug 2018 16:44

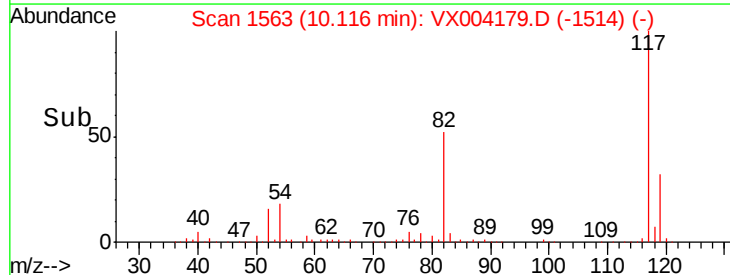
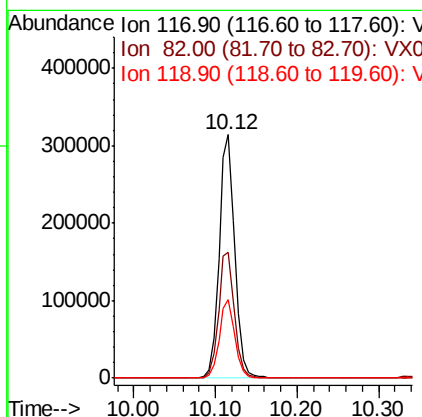
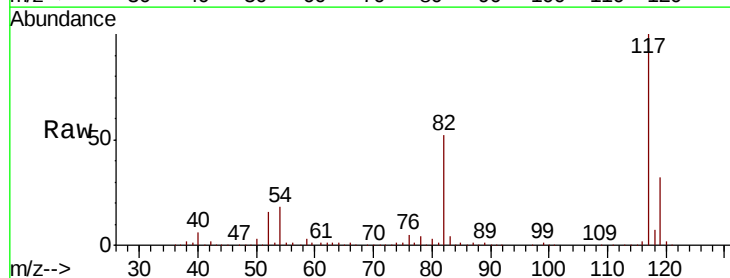
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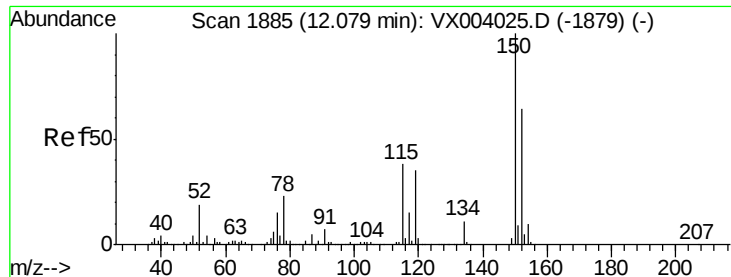
Tot Ion	95	Resp	212811
Ion Ratio	Lower	Upper	
95	100		
174	93.0	0.0	182.8
176	88.6	0.0	179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004179.D
Acq: 21 Aug 2018 16:44

Tgt Ion	117	Resp	419413
Ion Ratio	Lower	Upper	
117	100		
82	51.8	45.4	68.0
119	32.3	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004179.D

Acq: 21 Aug 2018 16:44

Instrument :

MSVOA_X

ClientSampleId :

H-R-P-T-WC-1-GRAB-7

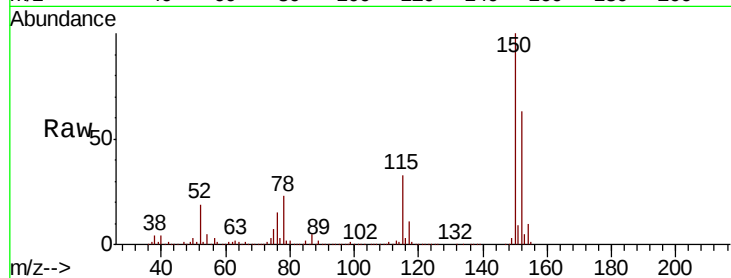
Tot Ion:152 Resp: 233223

Ion Ratio Lower Upper

152 100

115 53.7 39.1 117.3

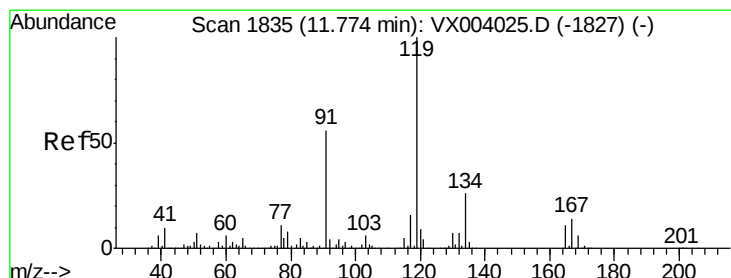
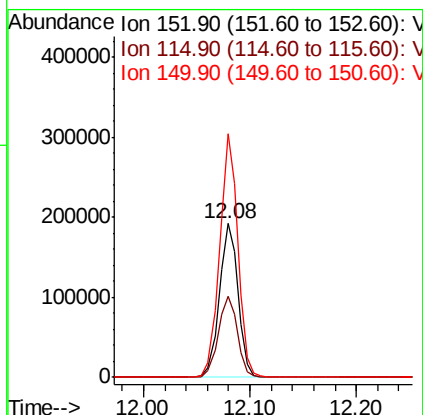
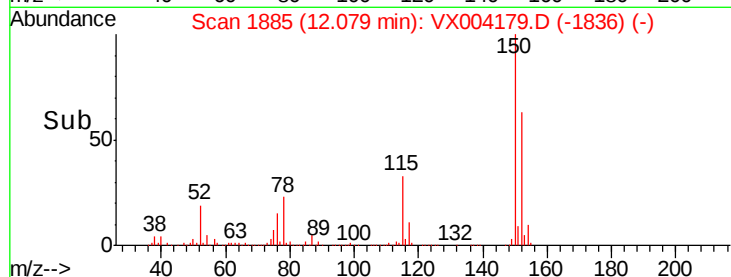
150 154.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene

Concen: 1.14 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX004179.D

Acq: 21 Aug 2018 16:44

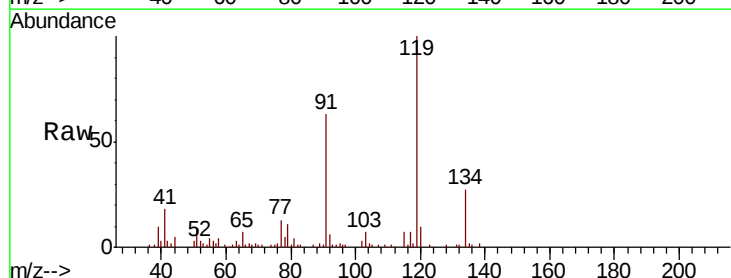
Tgt Ion:119 Resp: 14828

Ion Ratio Lower Upper

119 100

91 62.0 26.9 80.7

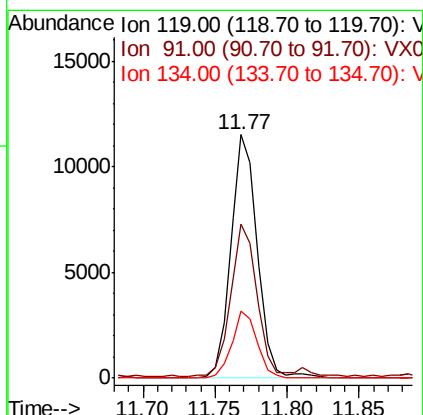
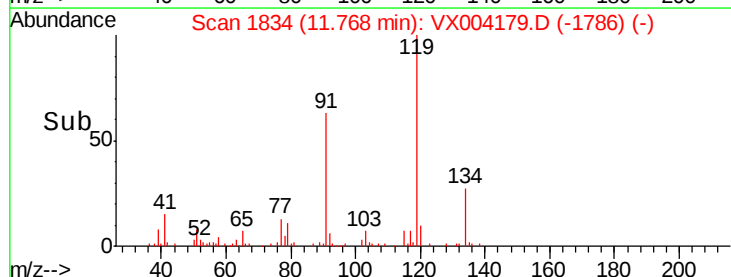
134 26.1 12.0 36.0

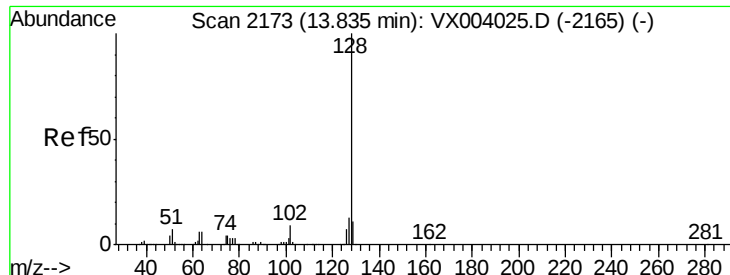


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

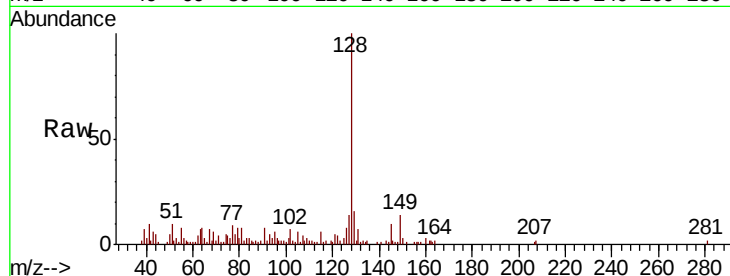




#95
Naphthalene
Concen: 1.89 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004179.D
Acq: 21 Aug 2018 16:44

Instrument :
MSVOA_X
ClientSampleId :
H-R-P-T-WC-1-GRAB-7

Tot Ion	Ratio	Lower	Upper
128	100		
127	18.3	10.2	15.2#
129	23.3	8.8	13.2#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

