

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004604.D
 Acq On : 10 Aug 2018 18:15
 Operator : SY/AP
 Sample : J4409-09
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

Quant Time: Aug 11 01:01:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	636726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1090416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	926766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	361409	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	334410	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
35) Dibromofluoromethane	7.88	113	307344	42.27	ug/l	0.00
Spiked Amount			Recovery	=	84.54%	
50) Toluene-d8	10.33	98	1064842	38.42	ug/l	0.00
Spiked Amount			Recovery	=	76.84%	
62) 4-Bromofluorobenzene	12.62	95	310337	31.08	ug/l	0.00
Spiked Amount			Recovery	=	62.16%	

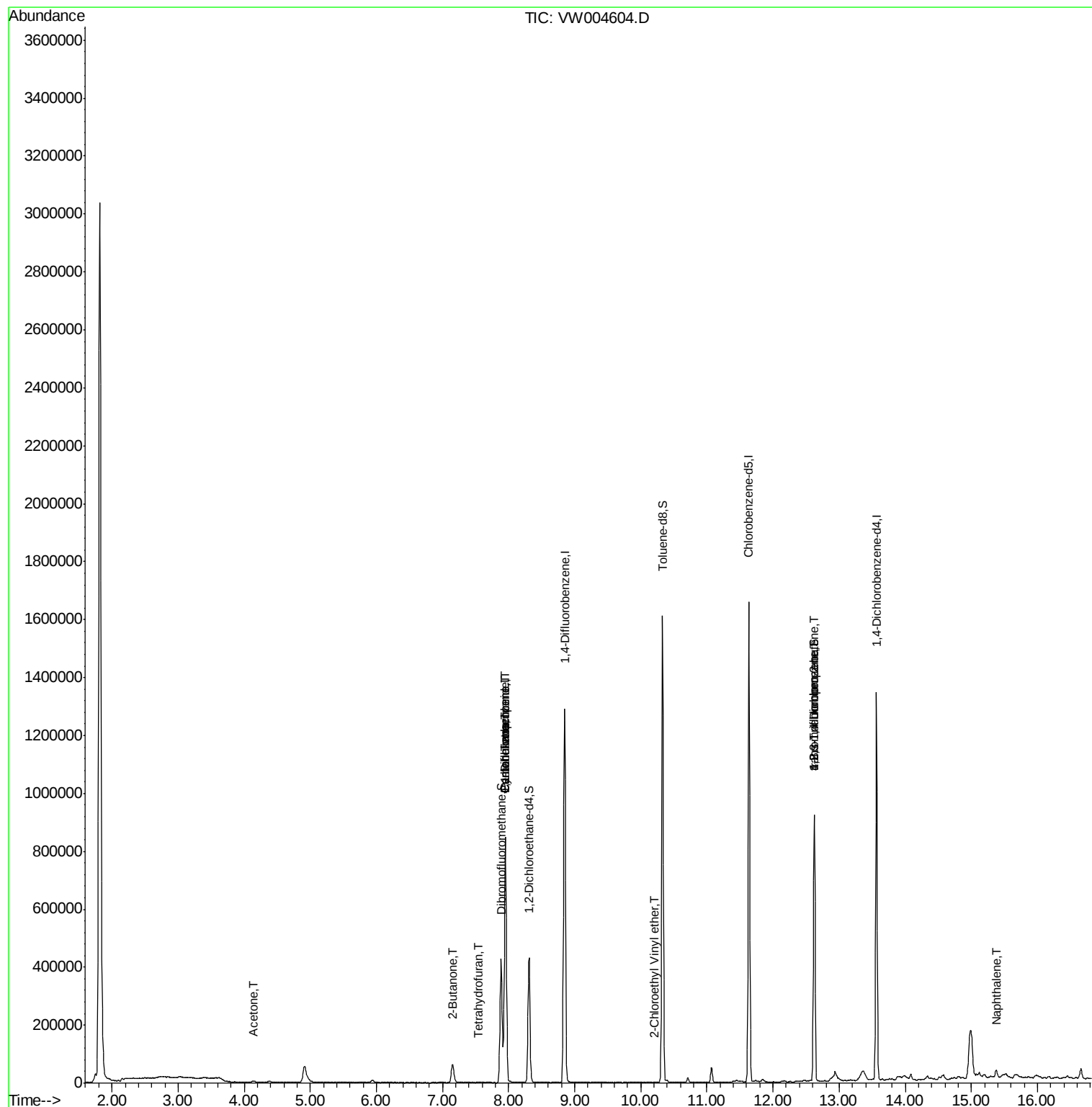
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	10034	5.700	ug/l	92
20) Methylene Chloride	4.92	84	55286	Below Cal		93
25) 2-Butanone	7.15	43	4987	1.761	ug/l #	77
29) Tetrahydrofuran	7.53	42	1625	1.110	ug/l #	75
31) Cyclohexane	7.95	56	15184	1.150	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	49386	4.206	ug/l #	49
38) Carbon Tetrachloride	7.95	117	61291	5.801	ug/l #	17
58) 2-Chloroethyl Vinyl ether	10.20	63	19	8.949	ug/l #	48
76) 1,2,3-Trichloropropane	12.62	75	149211	39.898	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	149211	95.511	ug/l #	13
95) Naphthalene	15.38	128	22198	4.209	ug/l #	95

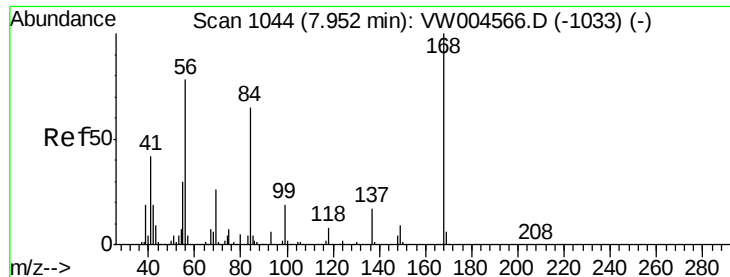
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004604.D

Acq: 10 Aug 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

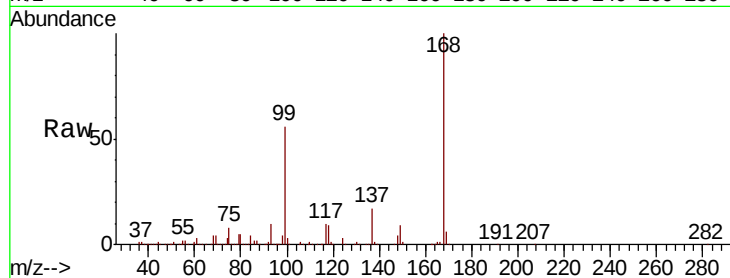
2018-NYSEG-CLARK-AREA-11B

Tgt Ion:168 Resp: 636726

Ion Ratio Lower Upper

168 100

99 55.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

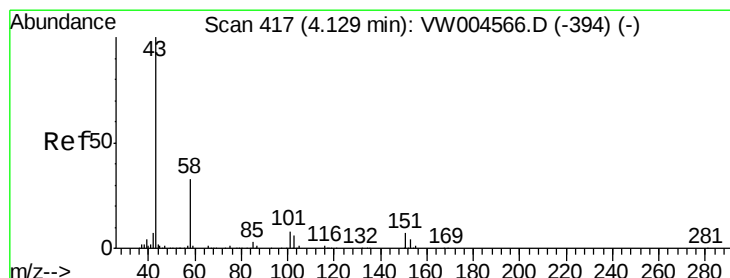
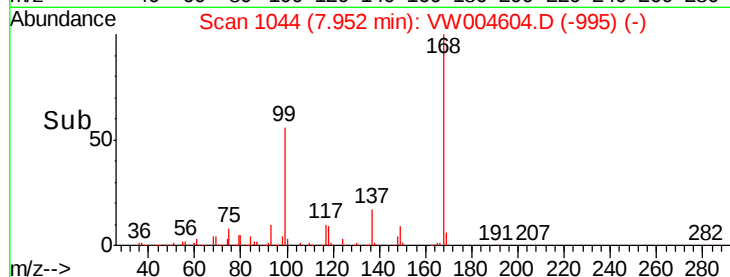
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.700 ug/l

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004604.D

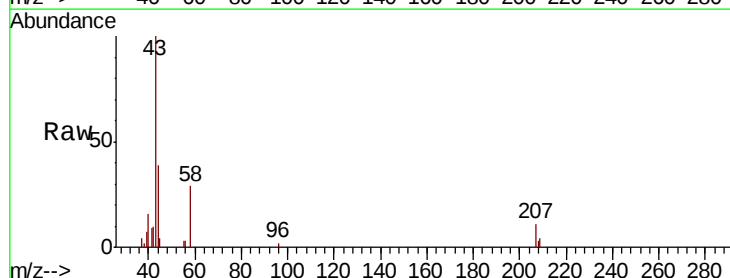
Acq: 10 Aug 2018 18:15

Tgt Ion: 43 Resp: 10034

Ion Ratio Lower Upper

43 100

58 28.9 26.8 40.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

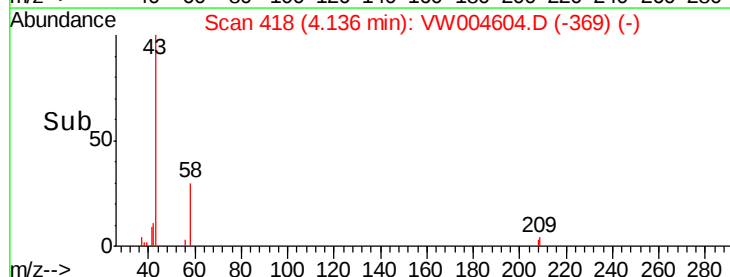
3000

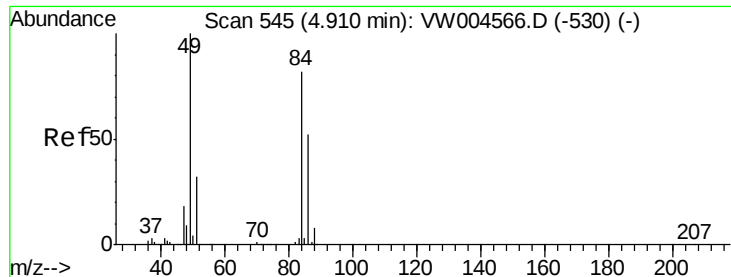
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 546

Delta R.T. 0.01 min

Lab File: VW004604.D

Acq: 10 Aug 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-11B

Tgt Ion: 84 Resp: 55286

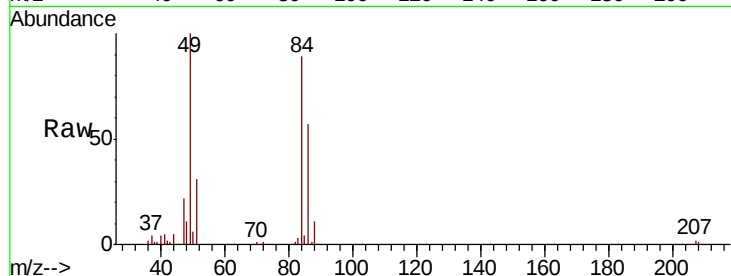
Ion Ratio Lower Upper

84 100

49 111.9 99.6 149.4

51 35.2 31.0 46.4

86 63.9 51.5 77.3



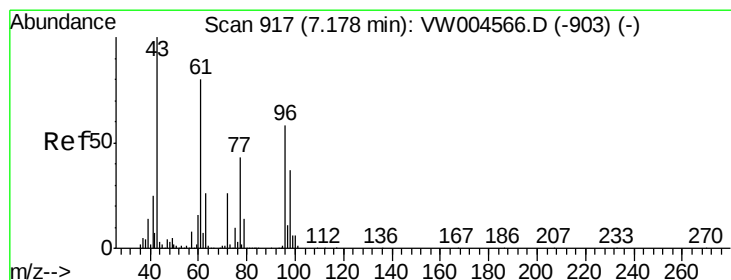
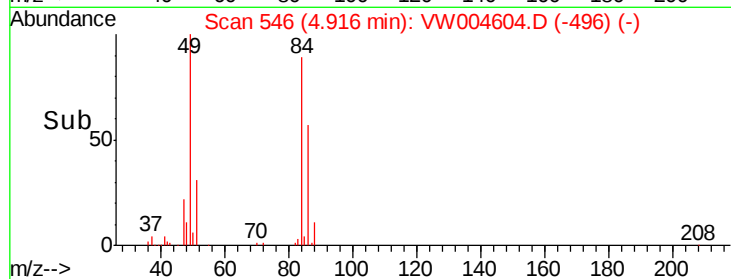
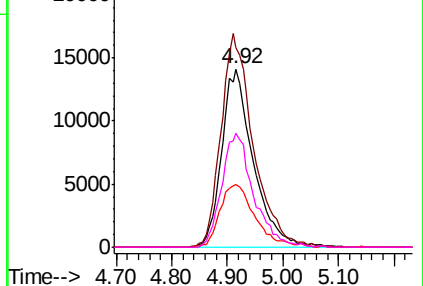
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.761 ug/l

RT: 7.15 min Scan# 913

Delta R.T. -0.03 min

Lab File: VW004604.D

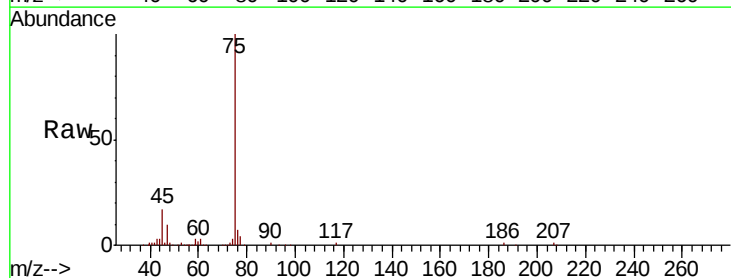
Acq: 10 Aug 2018 18:15

Tgt Ion: 43 Resp: 4987

Ion Ratio Lower Upper

43 100

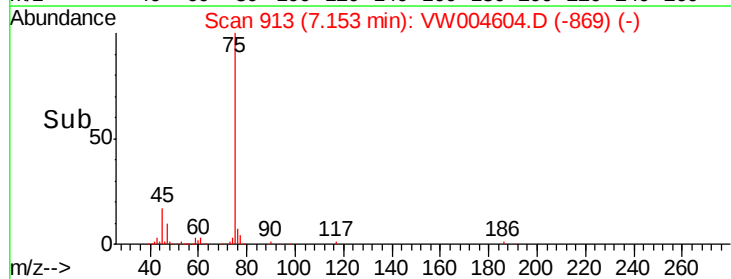
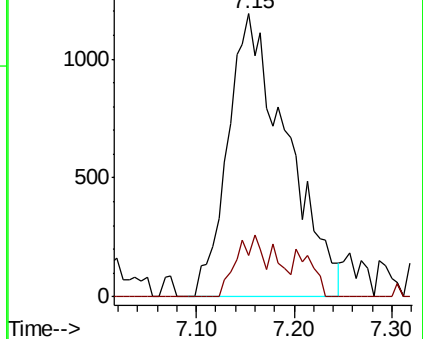
72 14.6 21.0 31.6#

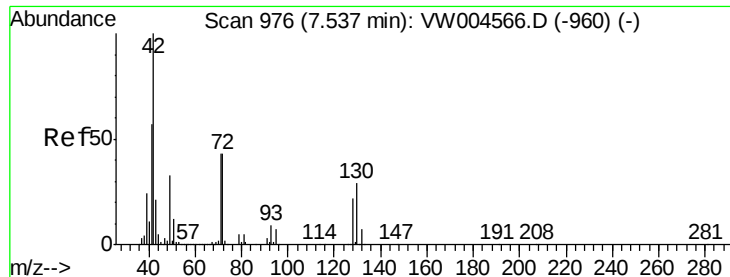


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

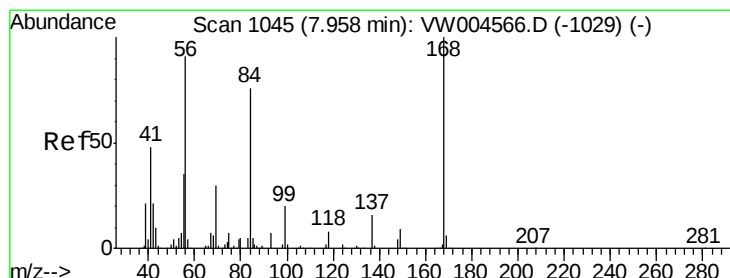
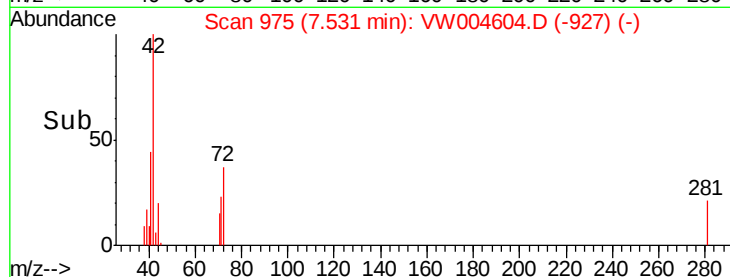
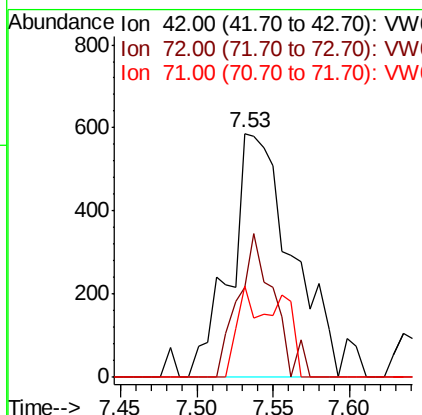
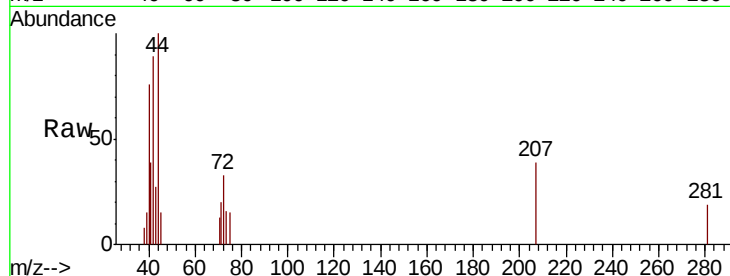




#29
Tetrahydrofuran
Concen: 1.110 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW004604.D
Acq: 10 Aug 2018 18:15

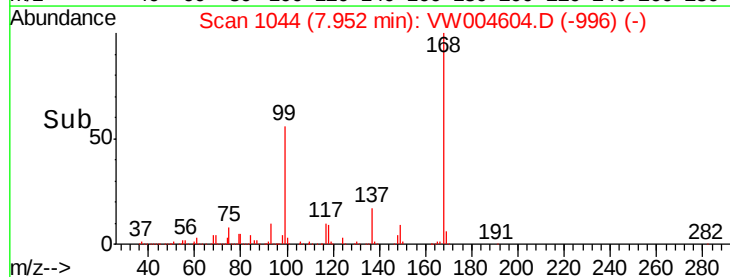
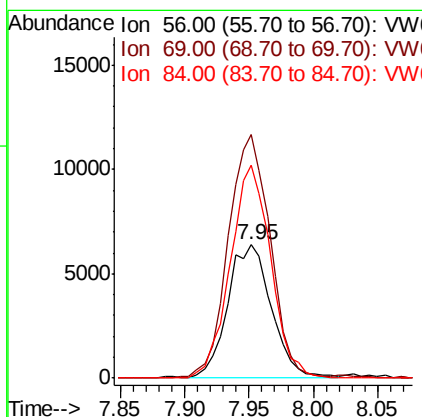
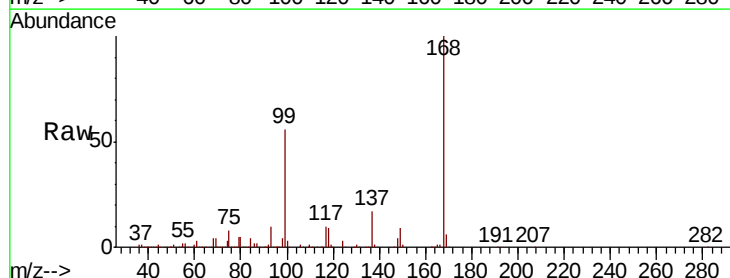
Instrument :
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2018-NYSEG-CLARK-AREA-11B

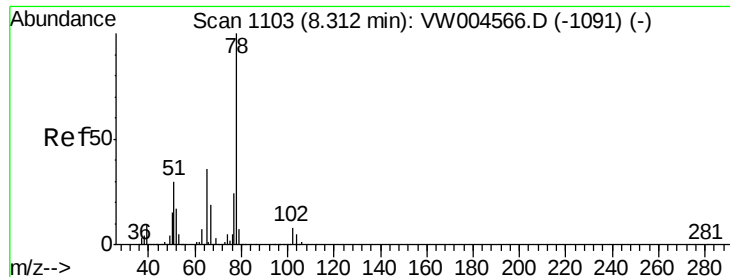
Tgt Ion: 42 Resp: 1625
Ion Ratio Lower Upper
42 100
72 34.3 34.1 51.1
71 17.6 32.5 48.7#



#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004604.D
Acq: 10 Aug 2018 18:15

Tgt Ion: 56 Resp: 15184
Ion Ratio Lower Upper
56 100
69 181.1 26.4 39.6#
84 159.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 47.445 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW004604.D

Acq: 10 Aug 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

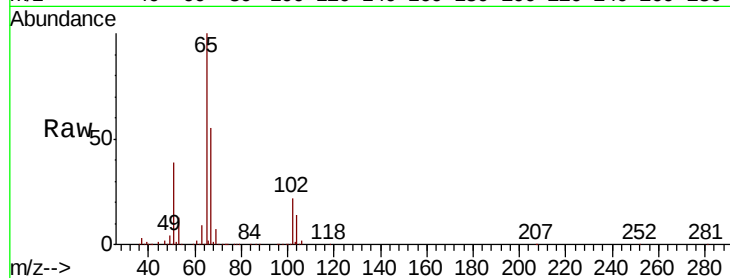
2018-NYSEG-CLARK-AREA-11B

Tgt Ion: 65 Resp: 334410

Ion Ratio Lower Upper

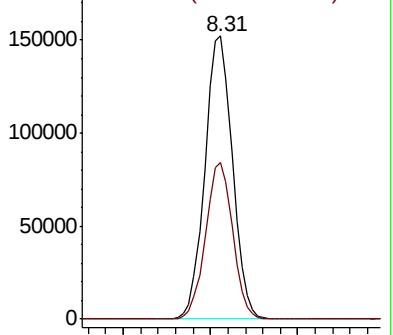
65 100

67 54.6 0.0 109.0

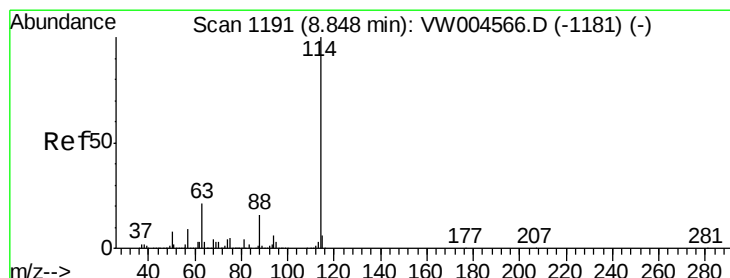
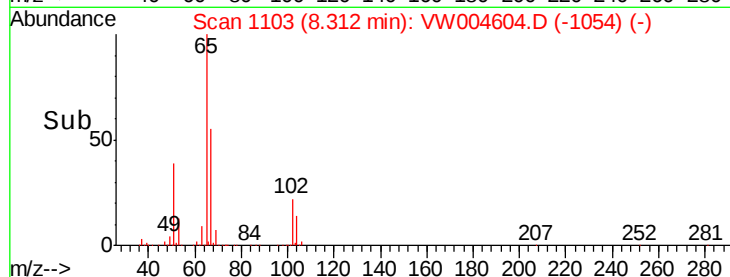


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004604.D

Acq: 10 Aug 2018 18:15

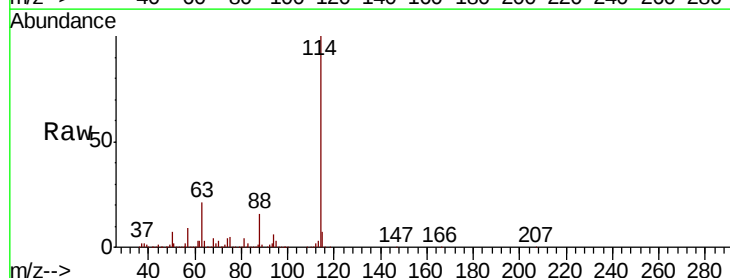
Tgt Ion: 114 Resp: 1090416

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.4

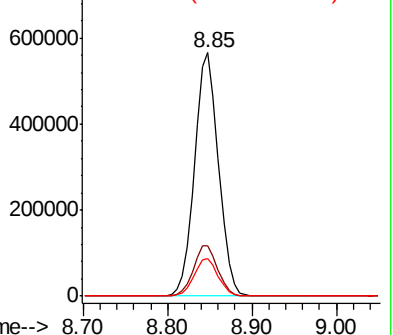
88 15.6 0.0 31.2



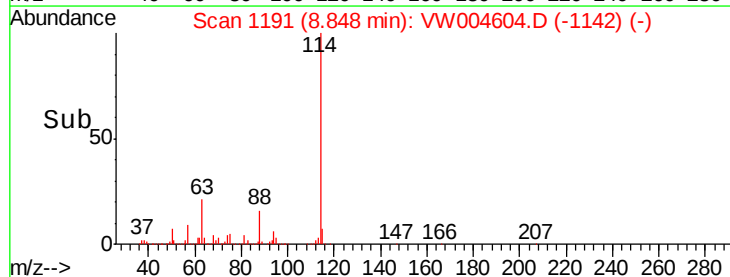
Abundance Ion 113.90 (113.60 to 114.60): V

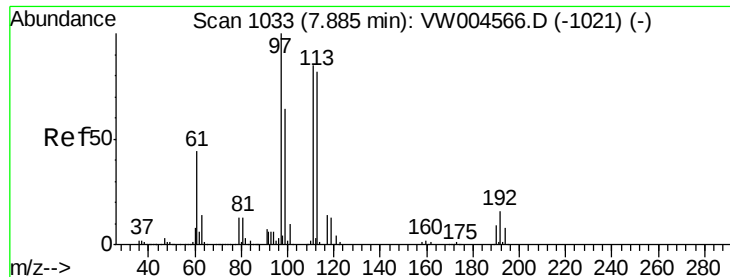
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->

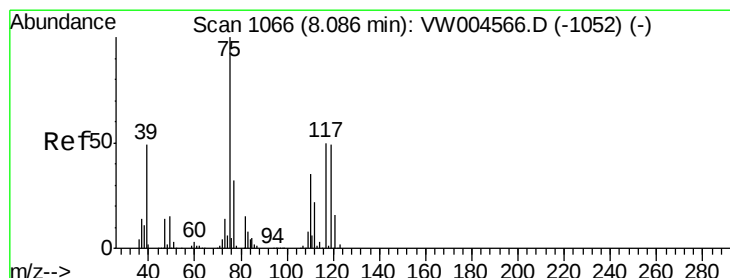
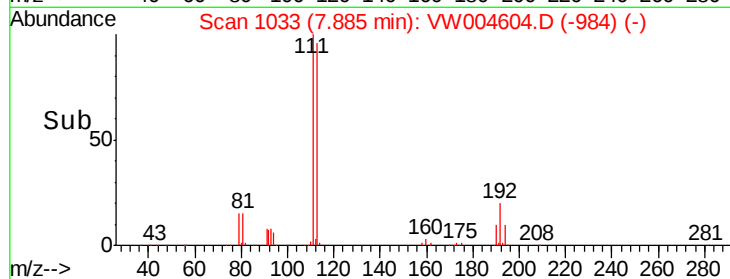
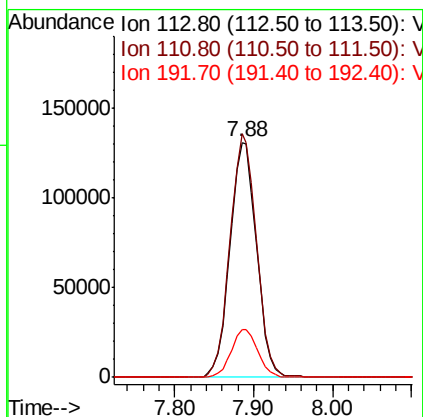
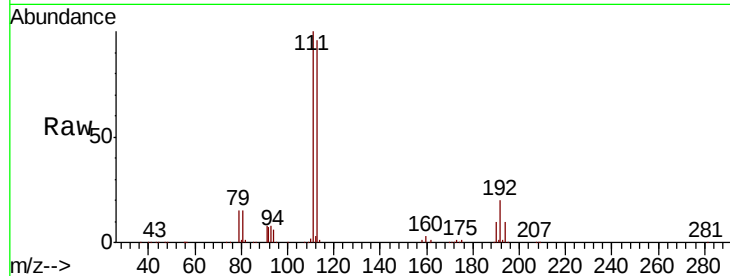




#35
 Dibromofluoromethane
 Concen: 42.272 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

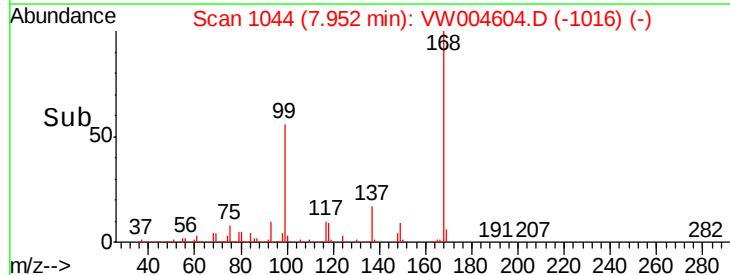
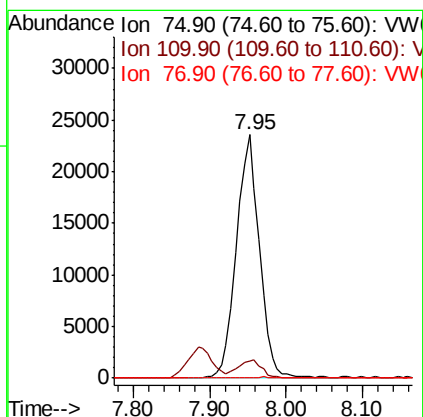
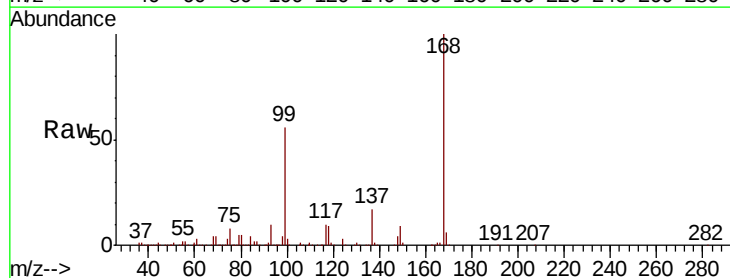
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

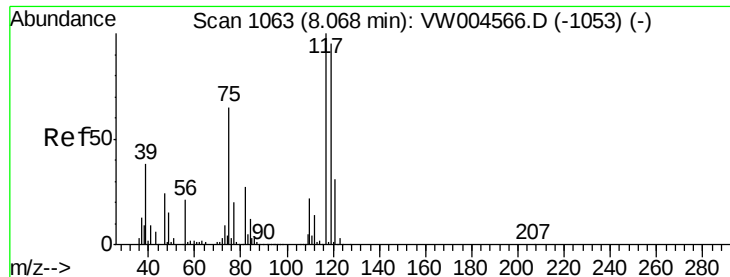
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.9	124.3
192	20.3	15.8	23.6



#36
 1,1-Dichloropropene
 Concen: 4.206 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.4	52.2#
77	0.1	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004604.D

Acq: 10 Aug 2018 18:15

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-11B

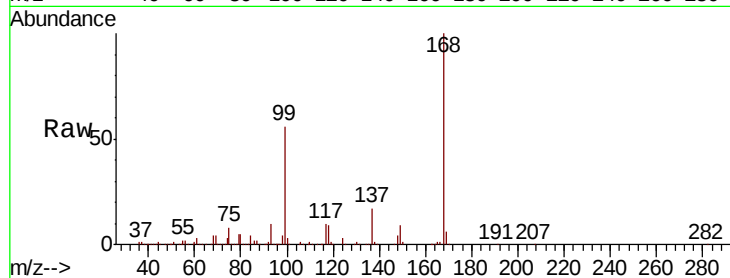
Tgt Ion:117 Resp: 61291

Ion Ratio Lower Upper

117 100

119 6.1 76.1 114.1#

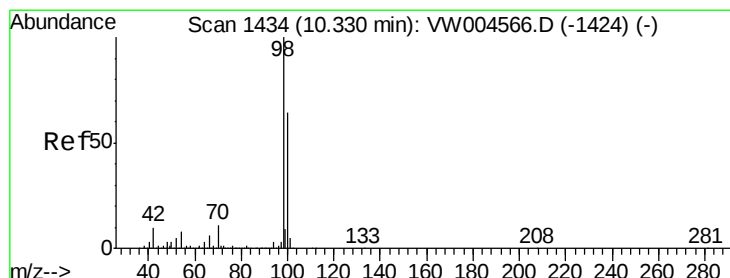
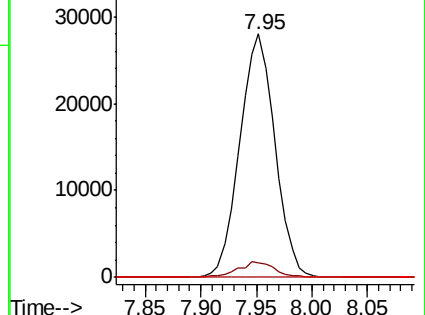
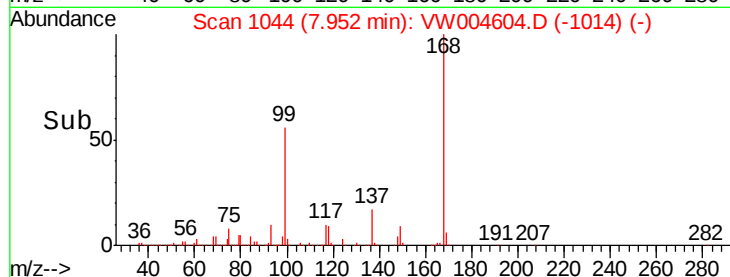
121 0.0 24.2 36.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 38.417 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004604.D

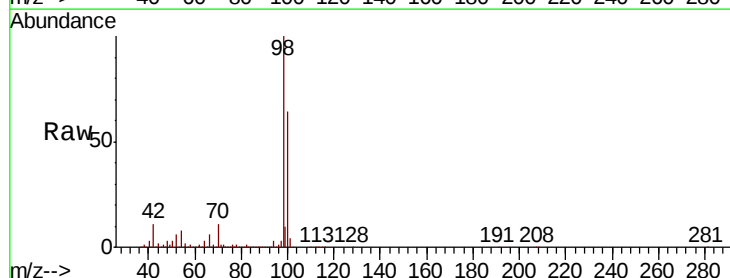
Acq: 10 Aug 2018 18:15

Tgt Ion: 98 Resp: 1064842

Ion Ratio Lower Upper

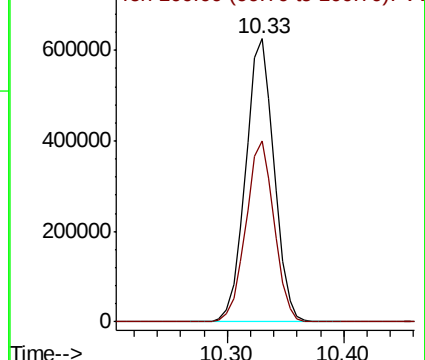
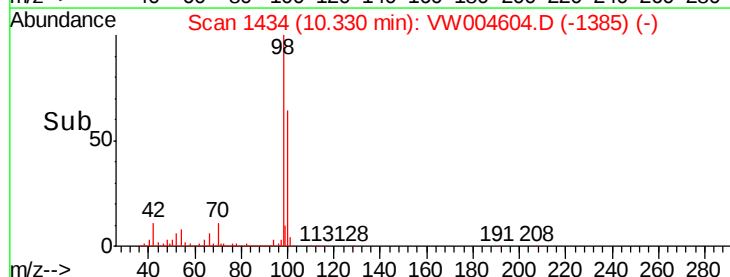
98 100

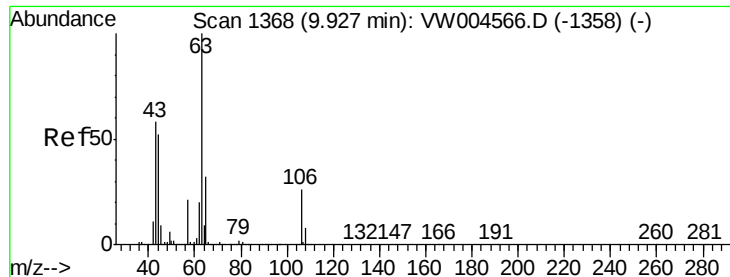
100 63.6 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

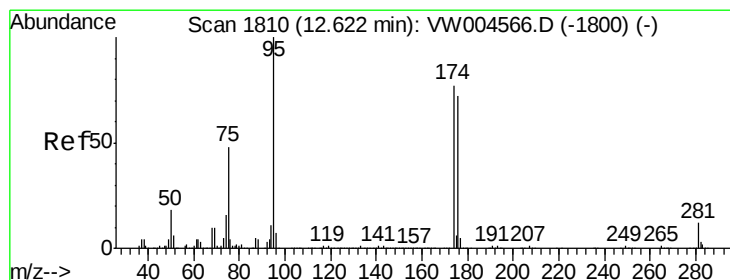
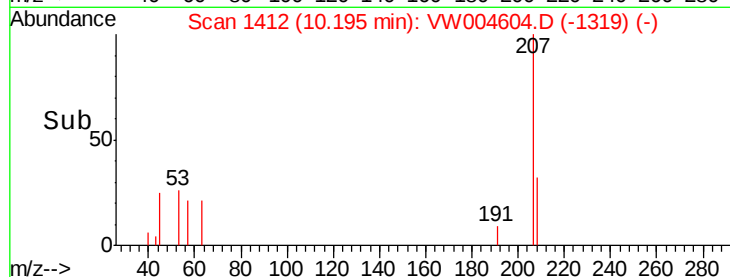
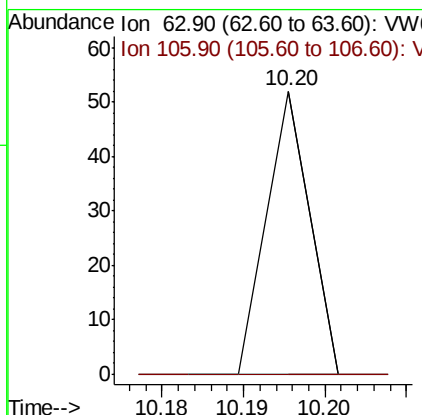
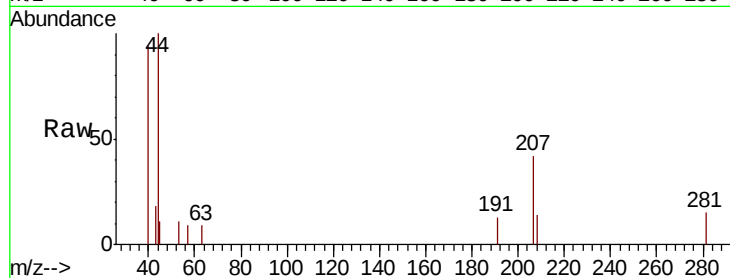




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.949 ug/l
 RT: 10.20 min Scan# 1412
 Delta R.T. 0.27 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

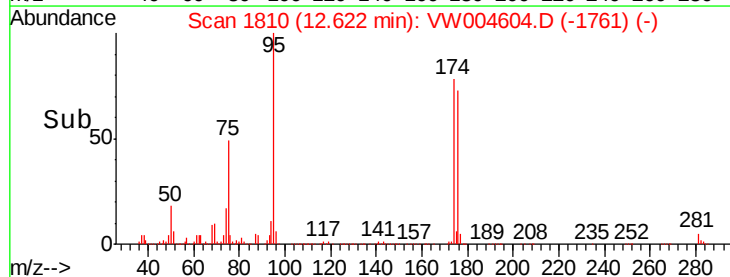
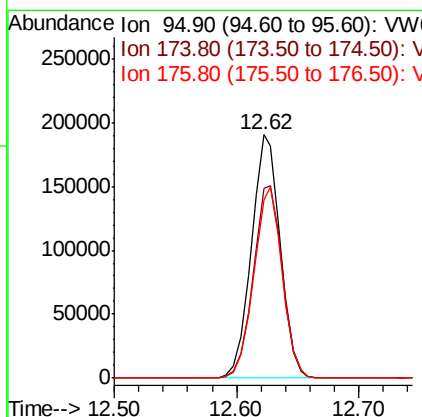
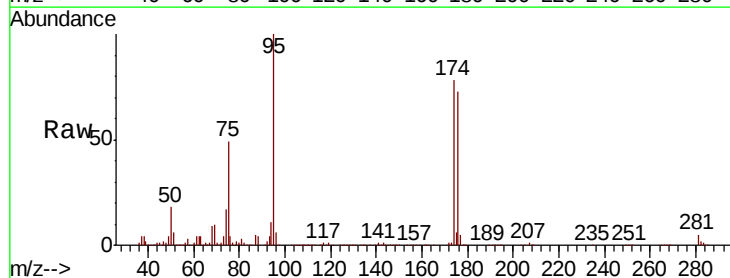
Instrument :
 MSVOA_W
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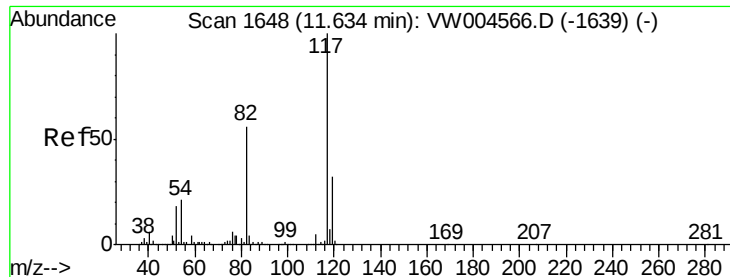
Tgt Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.3 31.9#



#62
 4-Bromofluorobenzene
 Concen: 31.082 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

Tgt Ion: 95 Resp: 310337
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 160.4
 176 77.2 0.0 153.2

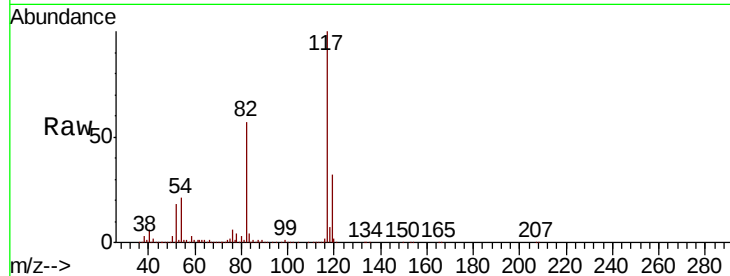




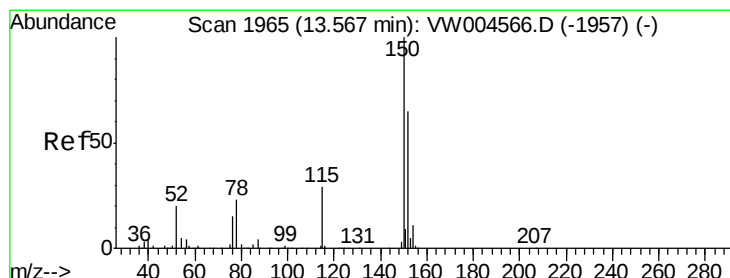
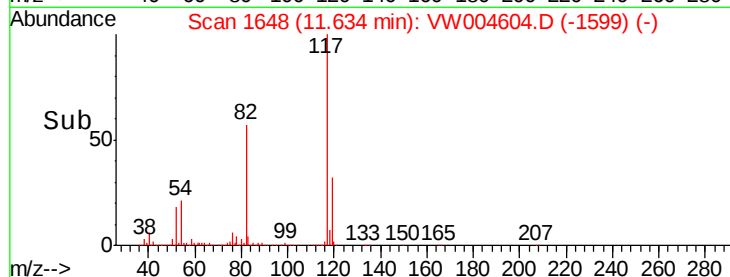
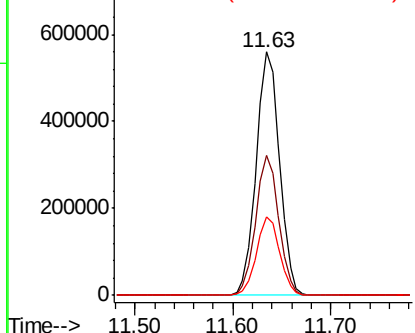
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004604.D
Acq: 10 Aug 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion:117 Resp: 926766
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.1 26.2 39.4

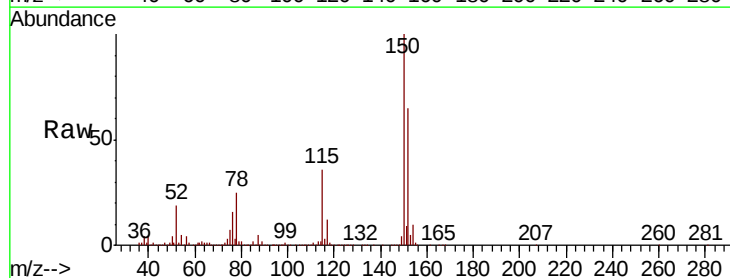


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

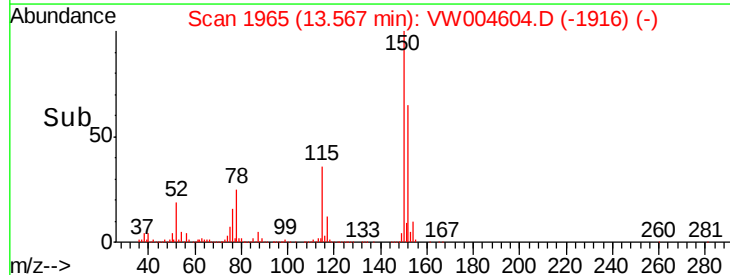
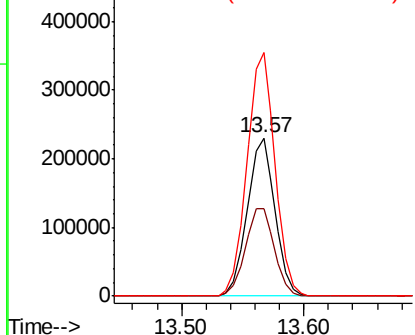


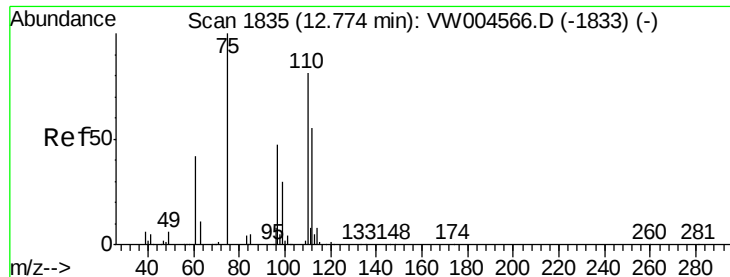
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004604.D
Acq: 10 Aug 2018 18:15

Tgt Ion:152 Resp: 361409
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 156.0 0.0 349.6



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

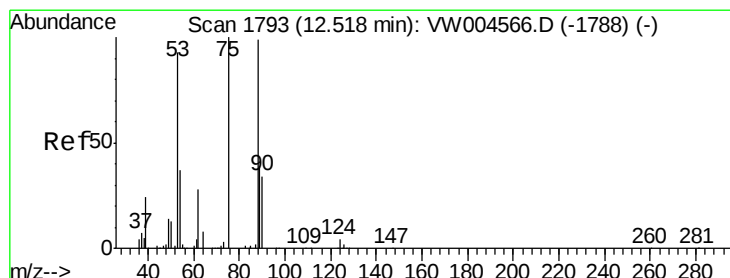
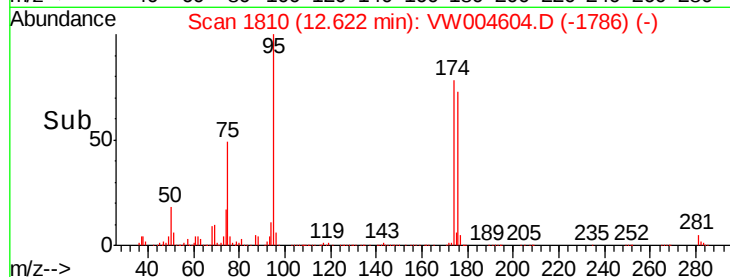
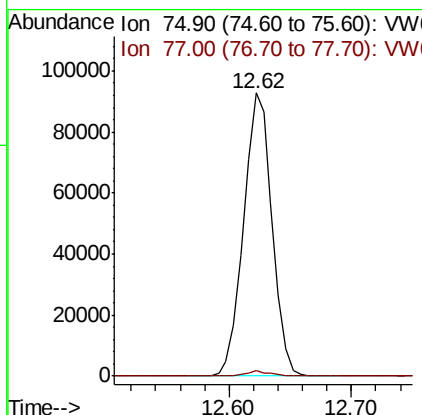
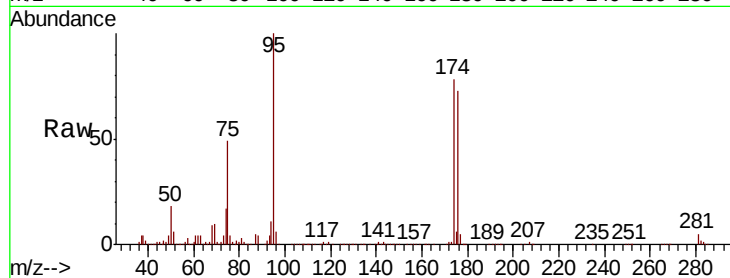




#76
 1,2,3-Trichloropropane
 Concen: 39.898 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.15 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

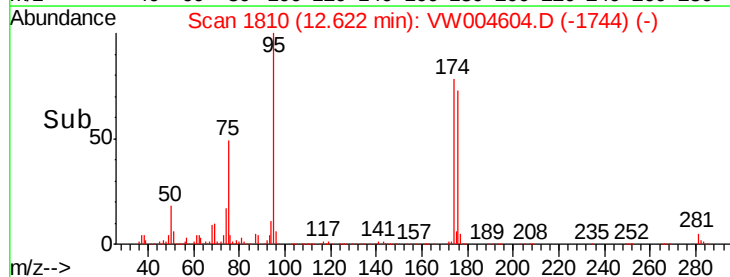
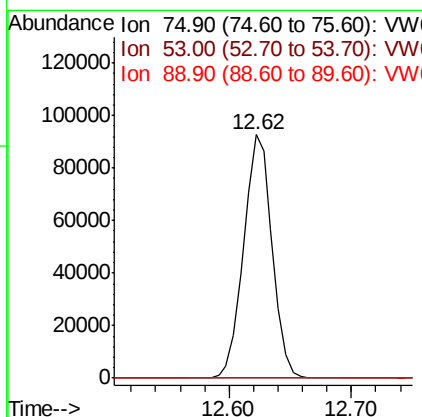
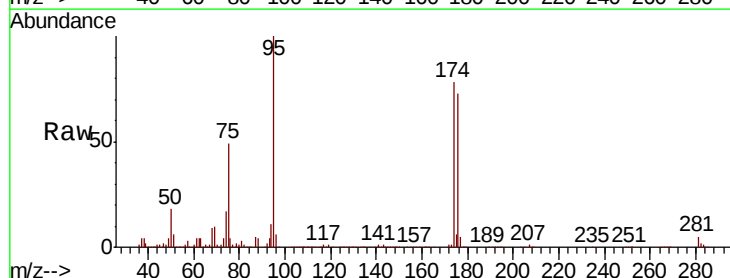
Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-11B

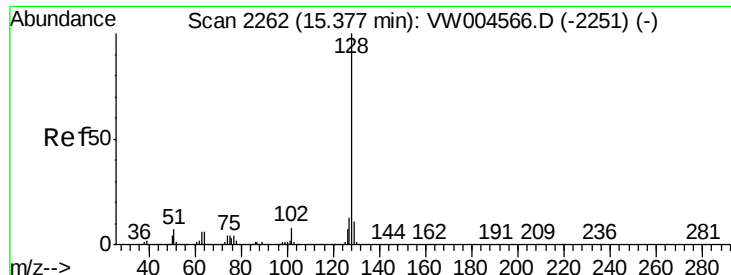
Tgt Ion: 75 Resp: 149211
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.511 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.10 min
 Lab File: VW004604.D
 Acq: 10 Aug 2018 18:15

Tgt Ion: 75 Resp: 149211
 Ion Ratio Lower Upper
 75 100
 53 0.5 74.4 111.6#
 89 0.0 35.9 53.9#





#95
Naphthalene
Concen: 4.209 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004604.D
Acq: 10 Aug 2018 18:15

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-11B

Tgt Ion:128 Resp: 22198
Ion Ratio Lower Upper
128 100
127 16.0 10.3 15.5#
129 11.3 8.6 13.0

