

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081318\
 Data File : VW004605.D
 Acq On : 10 Aug 2018 18:41
 Operator : SY/AP
 Sample : J4409-11
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 2018-NYSEG-CLARK-AREA-12B

Quant Time: Aug 11 01:02:04 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	588381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1018996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	778855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	233339	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	335371	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
35) Dibromofluoromethane	7.88	113	311540	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
50) Toluene-d8	10.33	98	991657	38.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.56%	
62) 4-Bromofluorobenzene	12.62	95	231996	24.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.72%	

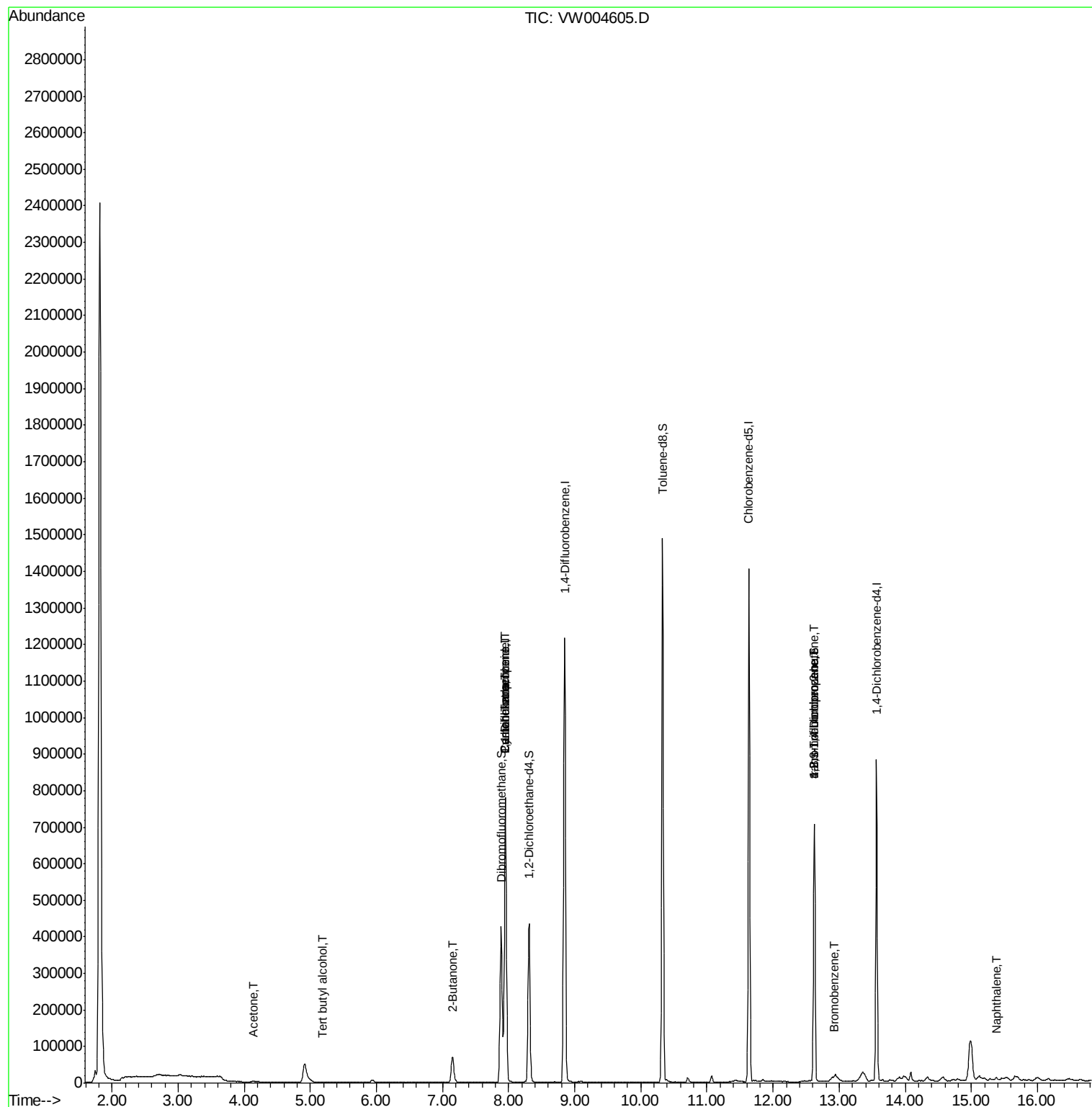
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	492	1.290	ug/l #	70
16) Acetone	4.14	43	4192	2.577	ug/l #	81
20) Methylene Chloride	4.92	84	51099	Below Cal		97
25) 2-Butanone	7.15	43	4144	1.584	ug/l #	67
31) Cyclohexane	7.95	56	13616	1.116	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	45166	4.117	ug/l #	49
38) Carbon Tetrachloride	7.95	117	55867	5.659	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	115057	47.652	ug/l #	100
77) Bromobenzene	12.91	156	11264	2.885	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	115057	114.072	ug/l #	13
95) Naphthalene	15.38	128	3725	3.251	ug/l #	89

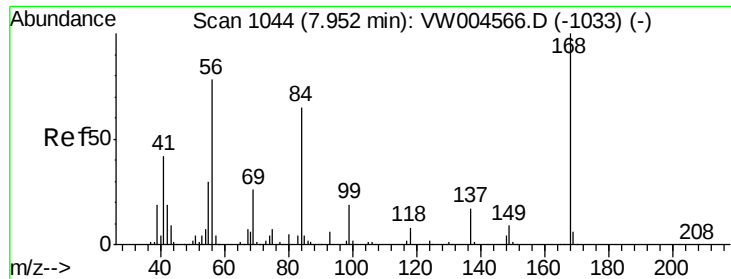
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

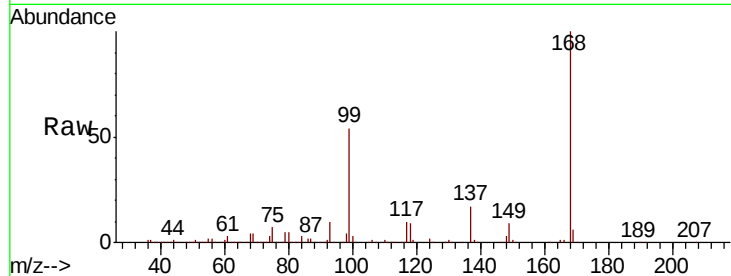
2018-NYSEG-CLARK-AREA-12B

Tgt Ion:168 Resp: 588381

Ion Ratio Lower Upper

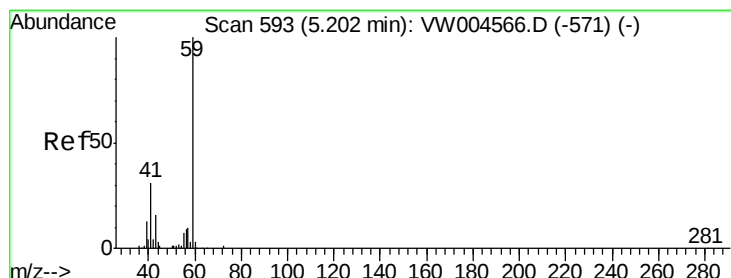
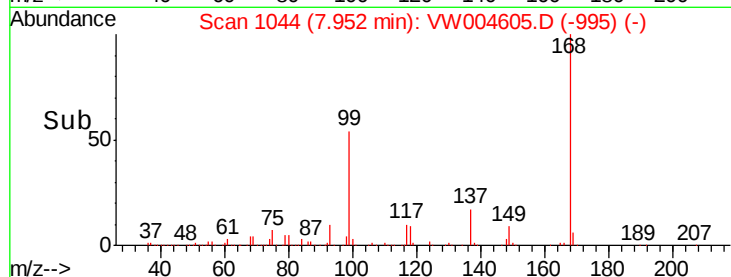
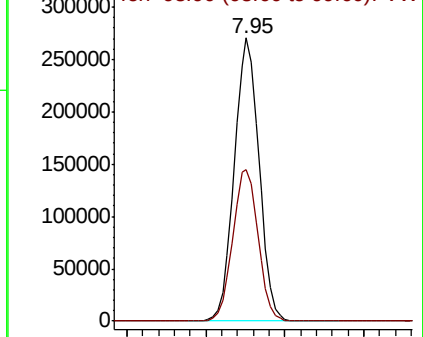
168 100

99 53.6 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.290 ug/l

RT: 5.18 min Scan# 590

Delta R.T. -0.03 min

Lab File: VW004605.D

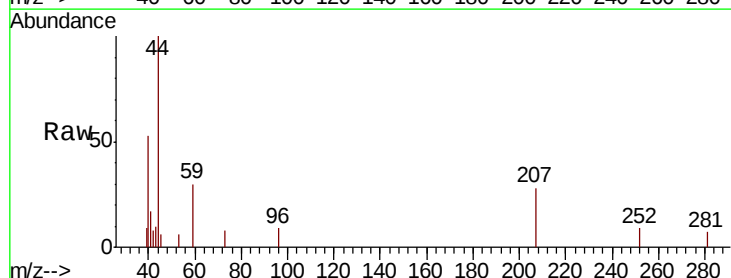
Acq: 10 Aug 2018 18:41

Tgt Ion: 59 Resp: 492

Ion Ratio Lower Upper

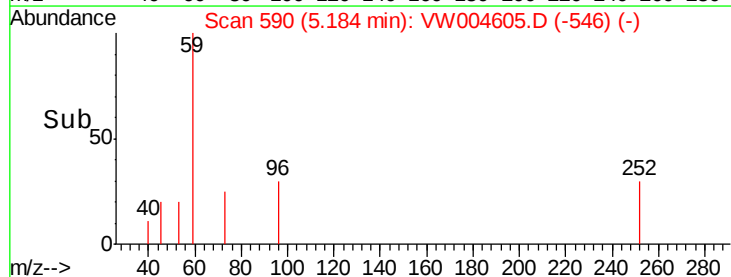
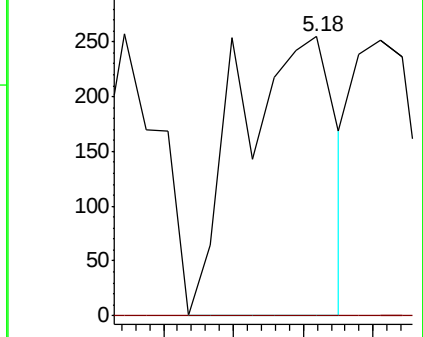
59 100

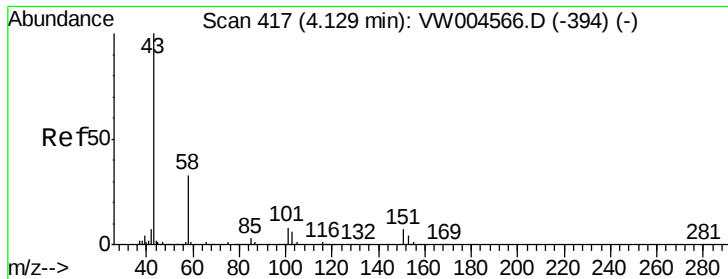
57 0.0 9.1 13.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

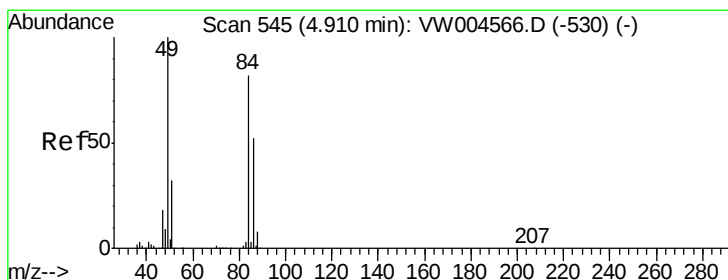
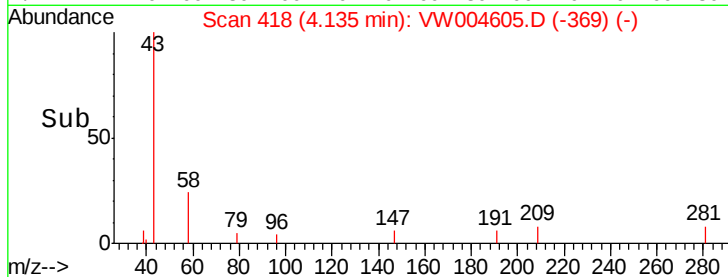
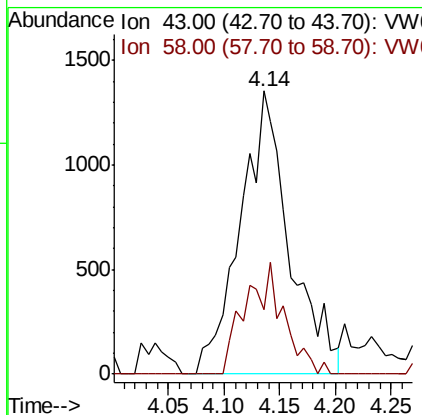
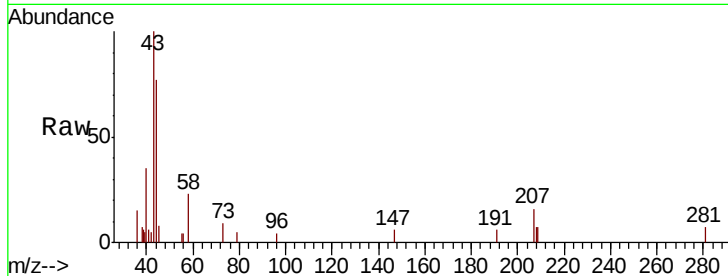




#16
Acetone
Concen: 2.577 ug/l
RT: 4.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

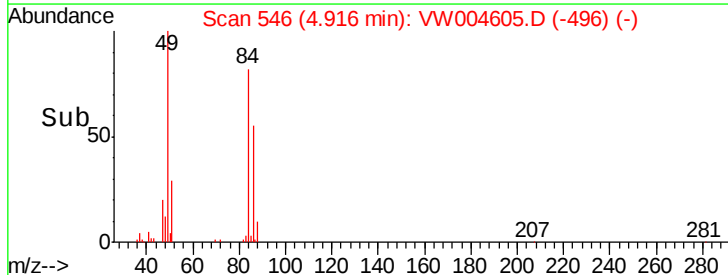
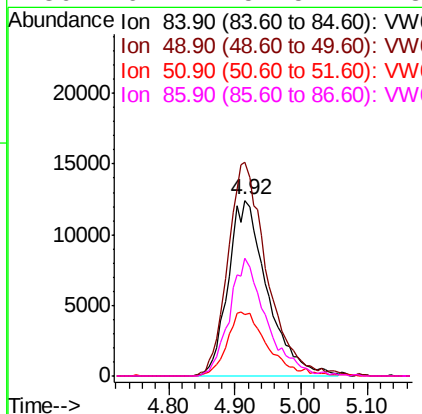
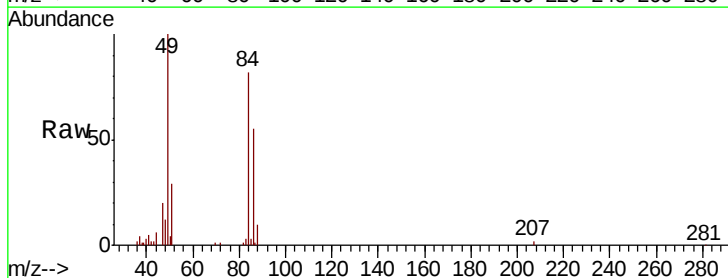
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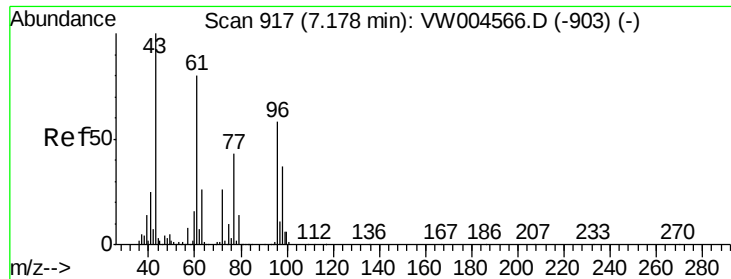
Tgt Ion: 43 Resp: 4192
Ion Ratio Lower Upper
43 100
58 22.6 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

Tgt Ion: 84 Resp: 51099
Ion Ratio Lower Upper
84 100
49 121.6 99.6 149.4
51 35.1 31.0 46.4
86 67.2 51.5 77.3

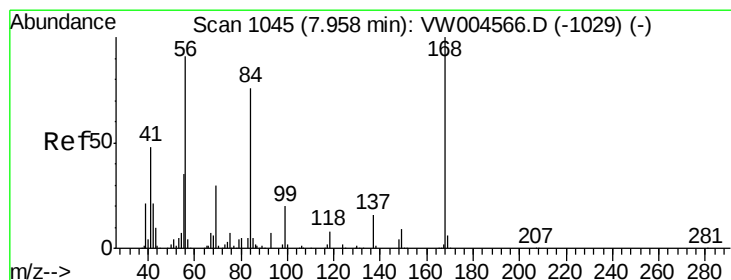
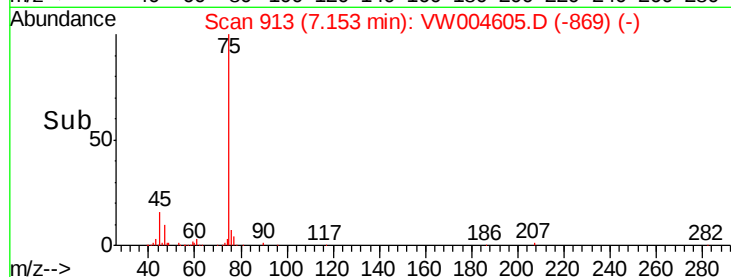
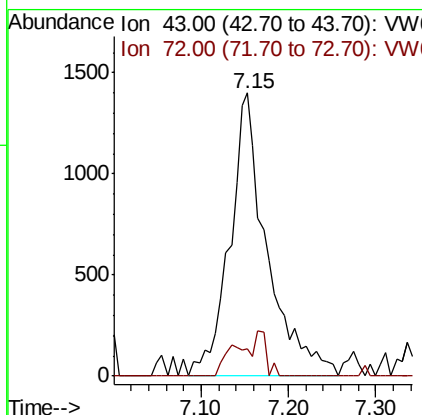
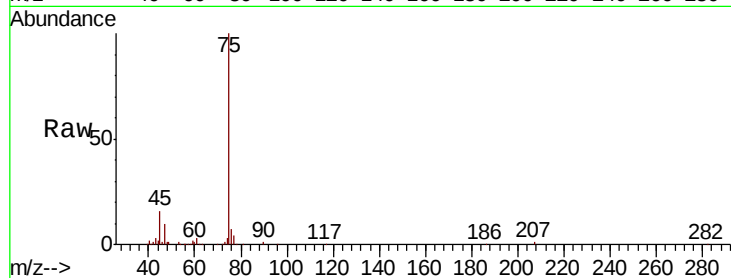




#25
2-Butanone
Concen: 1.584 ug/l
RT: 7.15 min Scan# 913
Delta R.T. -0.03 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

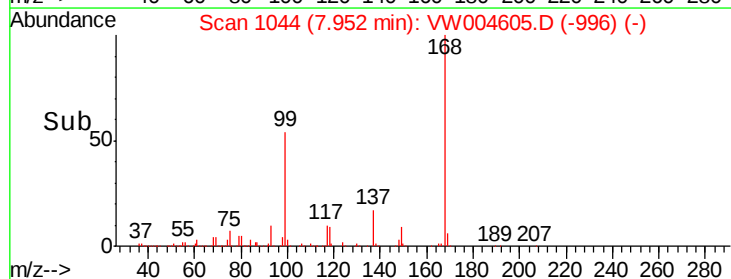
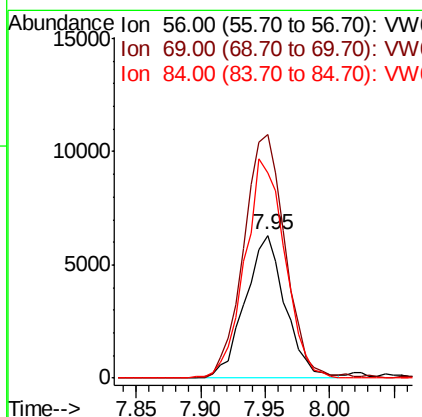
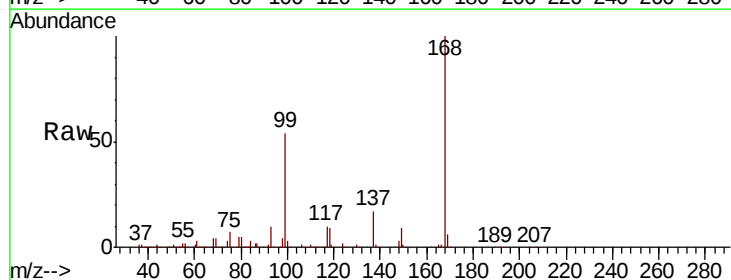
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

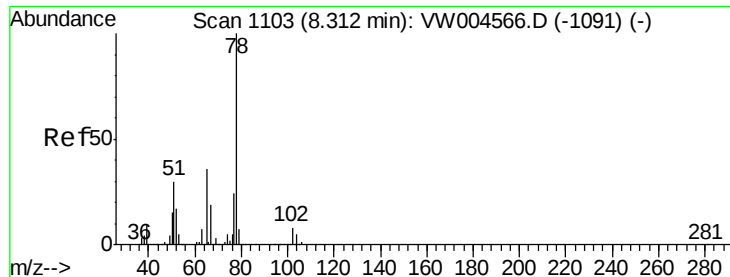
Tgt Ion: 43 Resp: 4144
Ion Ratio Lower Upper
43 100
72 9.6 21.0 31.6#



#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

Tgt Ion: 56 Resp: 13616
Ion Ratio Lower Upper
56 100
69 170.2 26.4 39.6#
84 143.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.491 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

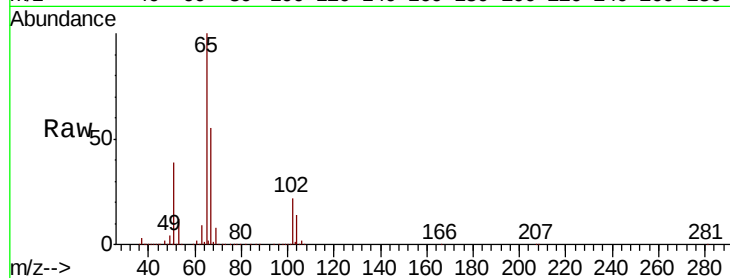
2018-NYSEG-CLARK-AREA-12B

Tgt Ion: 65 Resp: 335371

Ion Ratio Lower Upper

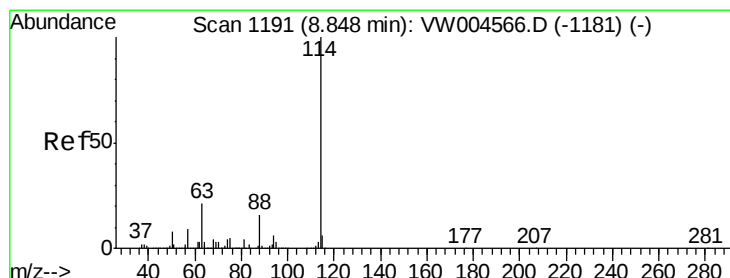
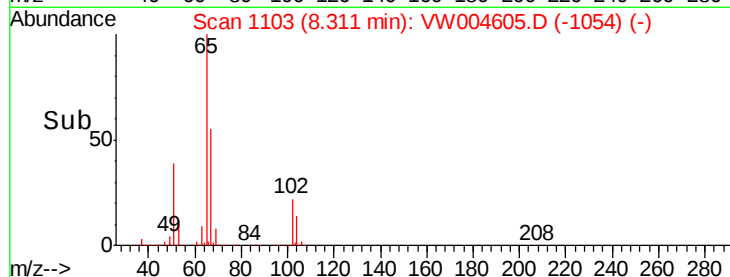
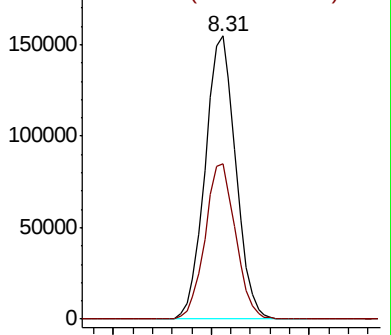
65 100

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



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

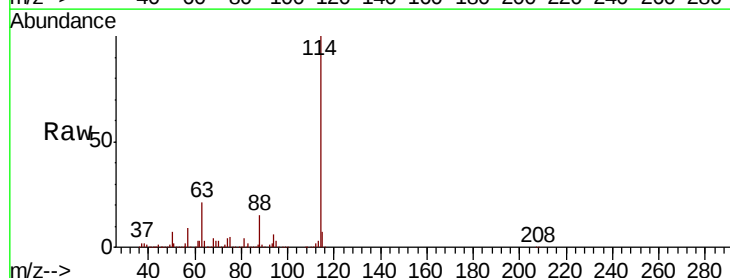
Tgt Ion: 114 Resp: 1018996

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.4

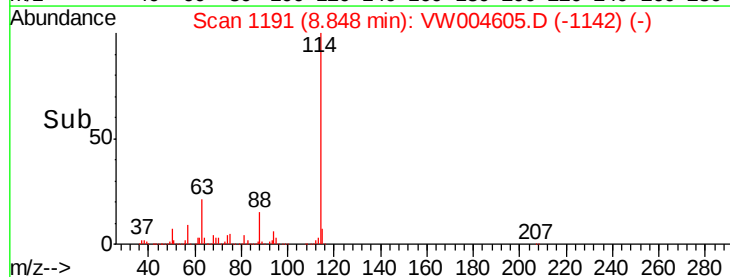
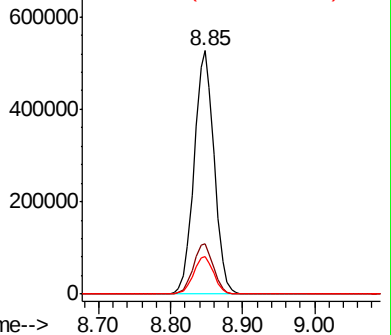
88 15.5 0.0 31.2

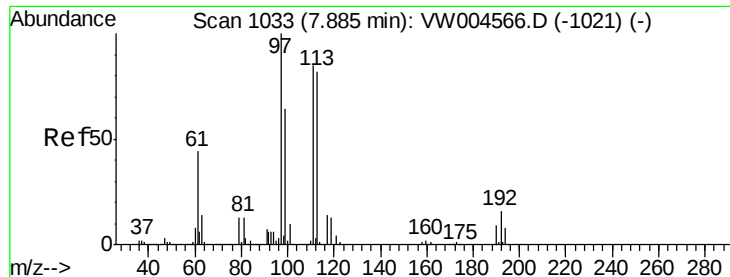


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 45.853 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. -0.00 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12B

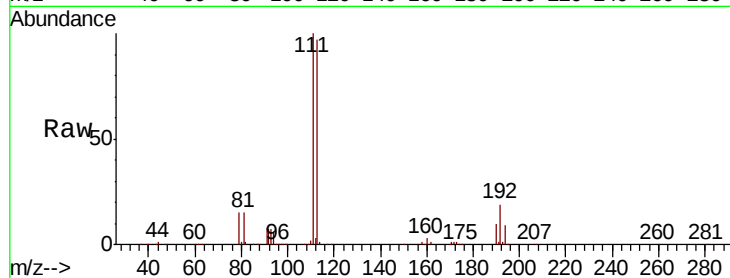
Tgt Ion:113 Resp: 311540

Ion Ratio Lower Upper

113 100

111 100.9 82.9 124.3

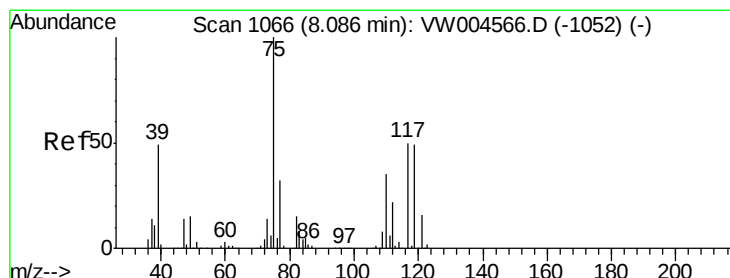
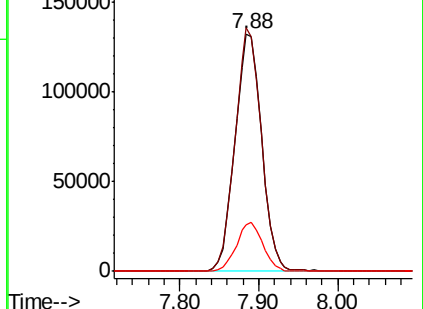
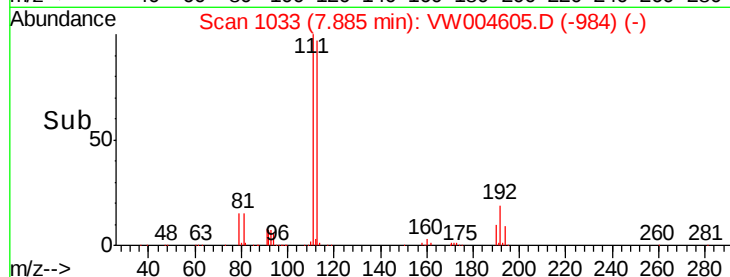
192 20.3 15.8 23.6



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



#36

1,1-Dichloropropene

Concen: 4.117 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.13 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

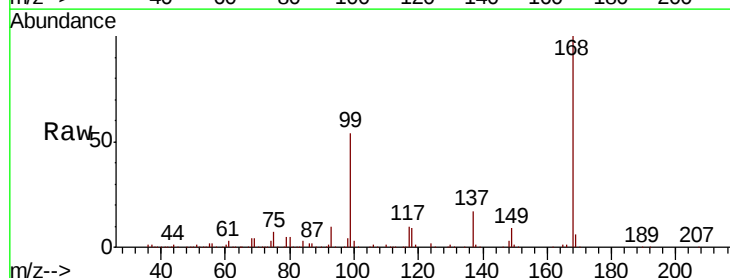
Tgt Ion: 75 Resp: 45166

Ion Ratio Lower Upper

75 100

110 7.8 17.4 52.2#

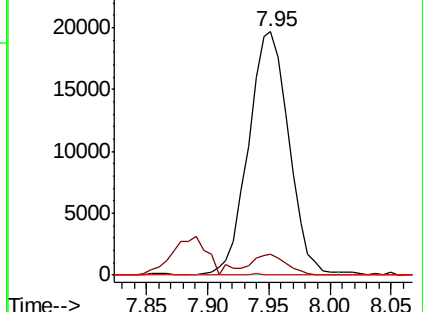
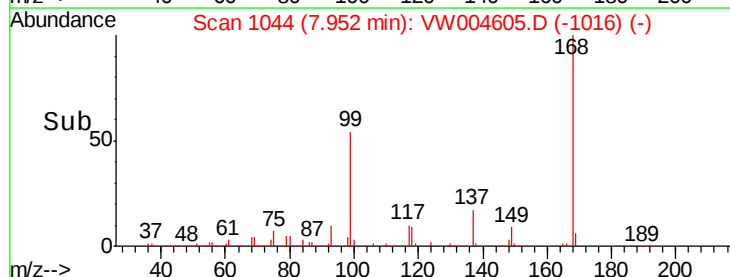
77 0.1 24.7 37.1#

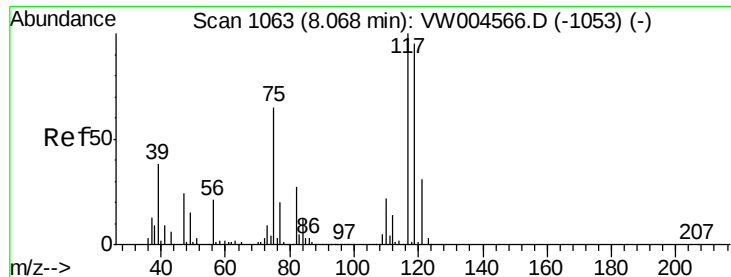


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#38

Carbon Tetrachloride

Concen: 5.659 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.12 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

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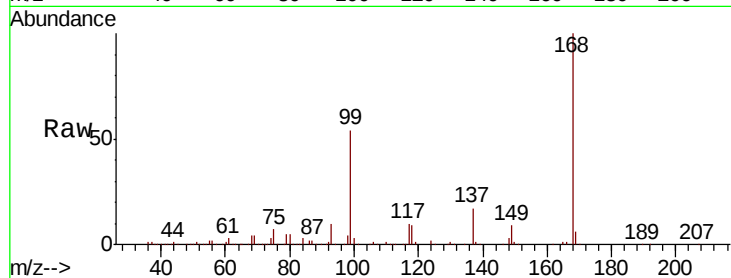
Tgt Ion:117 Resp: 55867

Ion Ratio Lower Upper

117 100

119 5.8 76.1 114.1#

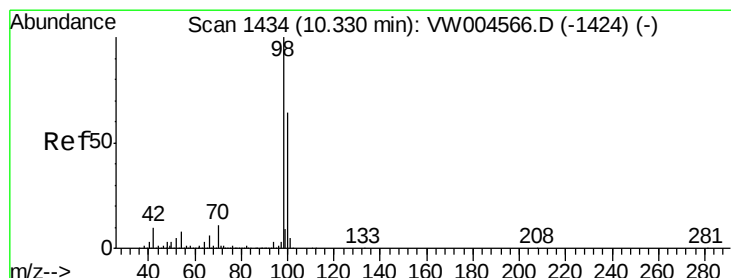
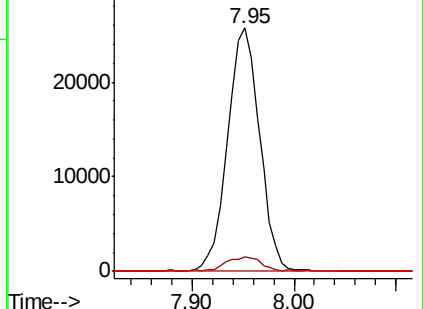
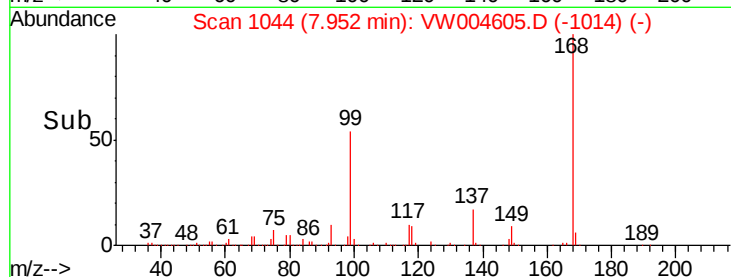
121 0.0 24.2 36.4#



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: 38.284 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004605.D

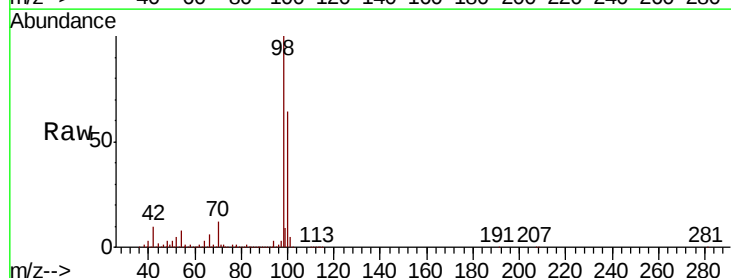
Acq: 10 Aug 2018 18:41

Tgt Ion: 98 Resp: 991657

Ion Ratio Lower Upper

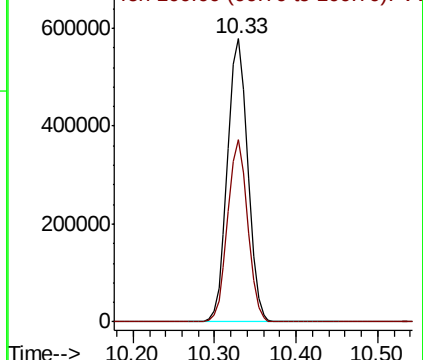
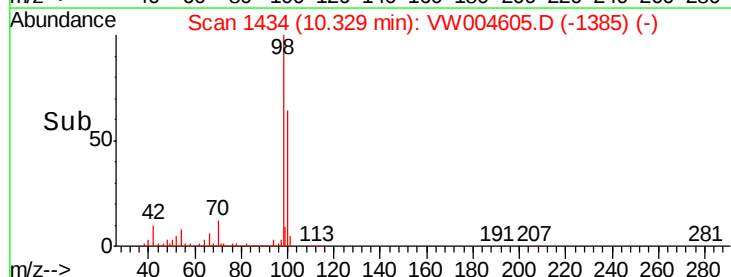
98 100

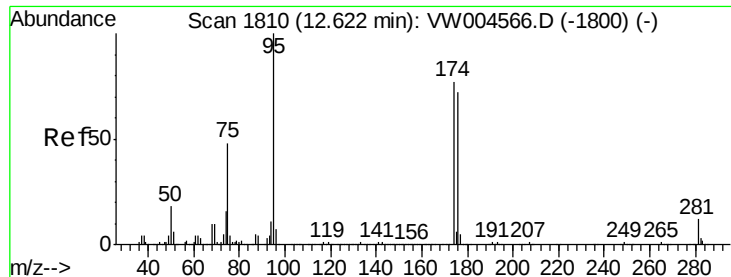
100 63.3 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

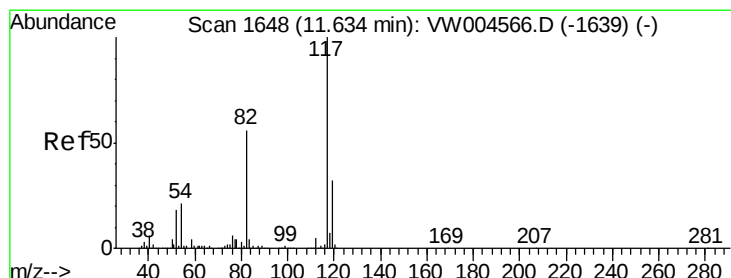
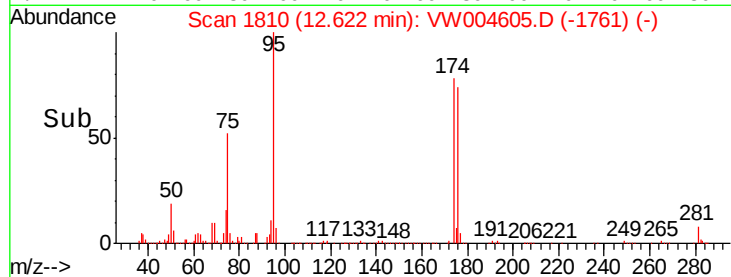
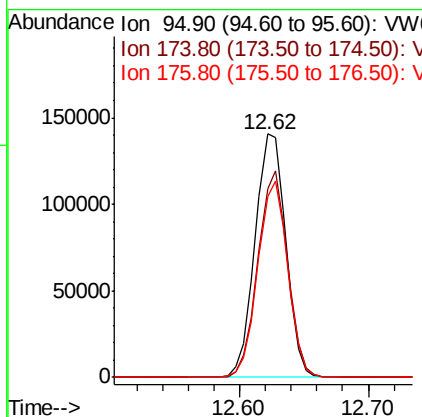
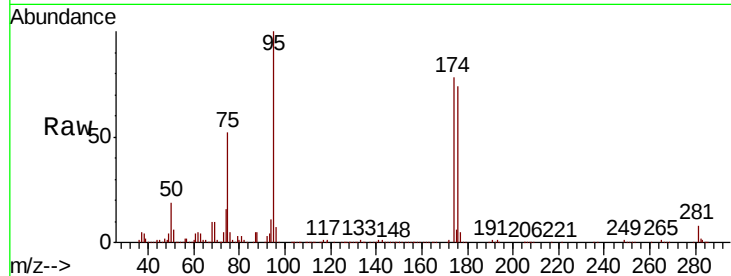




#62
4-Bromofluorobenzene
Concen: 24.864 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

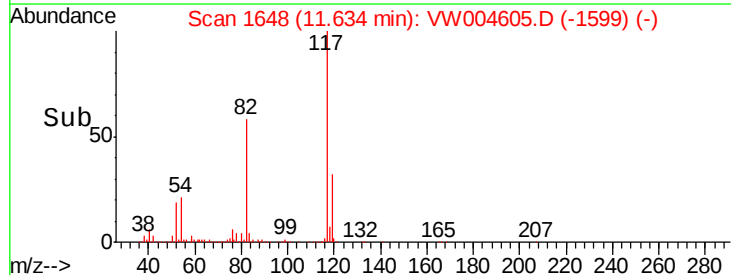
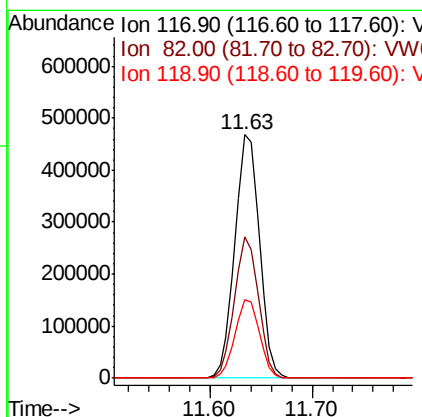
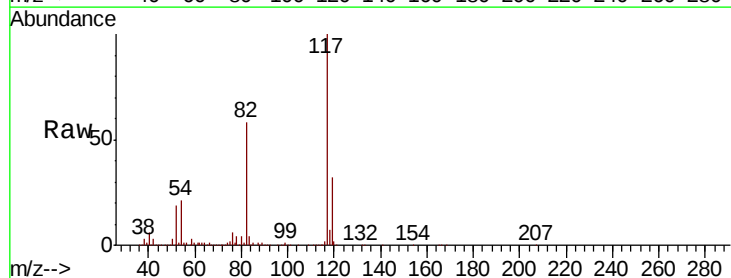
Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

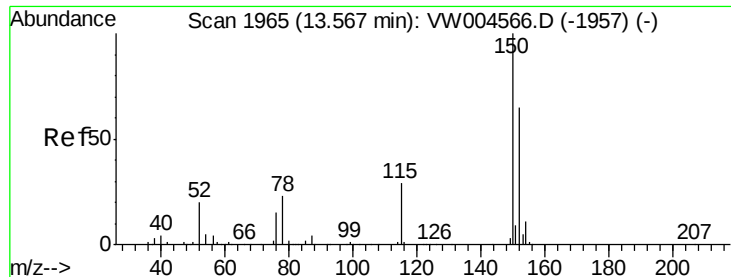
Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	160.4
176	78.4	0.0	153.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	45.3	67.9
119	32.4	26.2	39.4



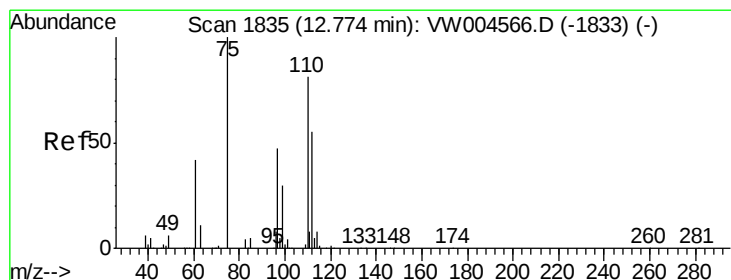
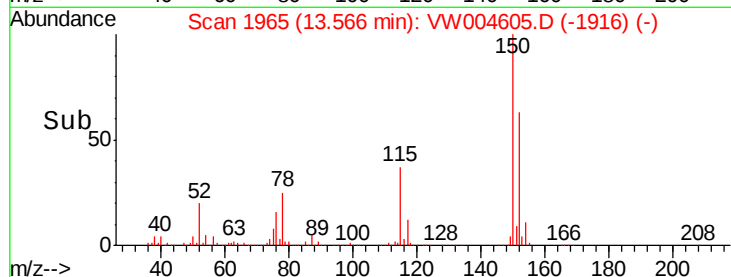
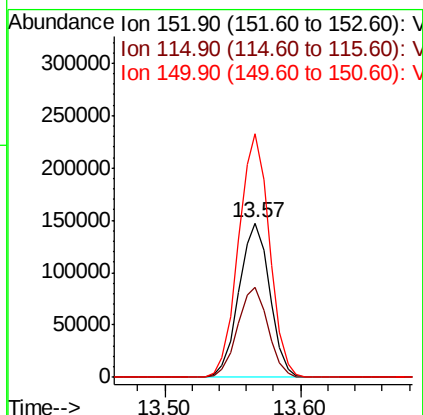
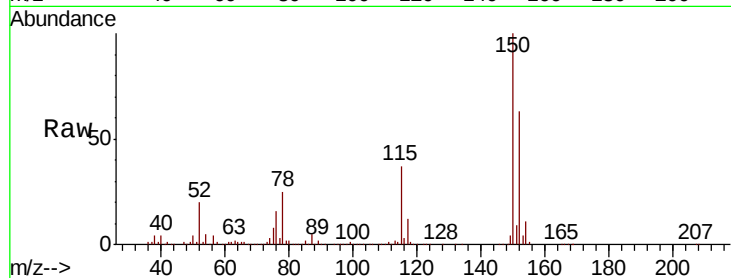


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

Instrument :
MSVOA_W
ClientSampleId :
2018-NYSEG-CLARK-AREA-12B

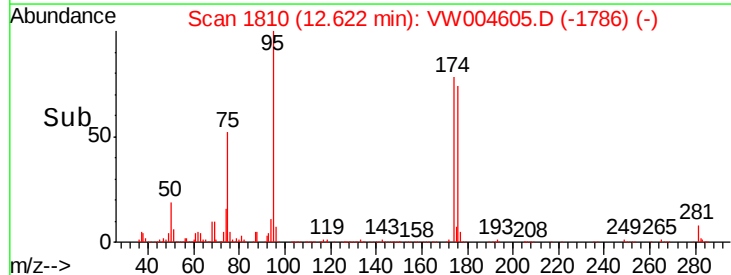
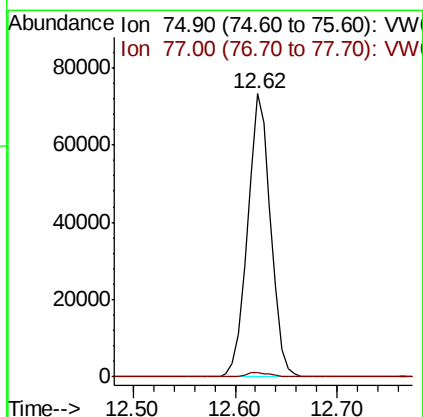
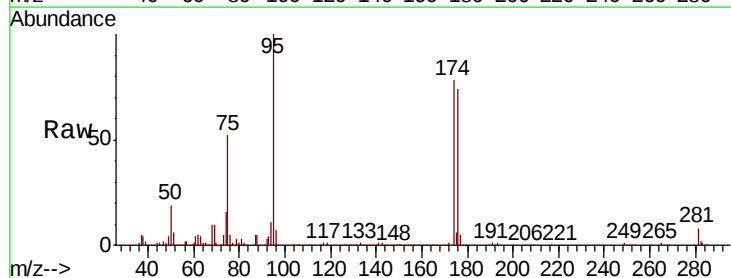
Tgt Ion:152 Resp: 233339
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.3
150 157.7 0.0 349.6

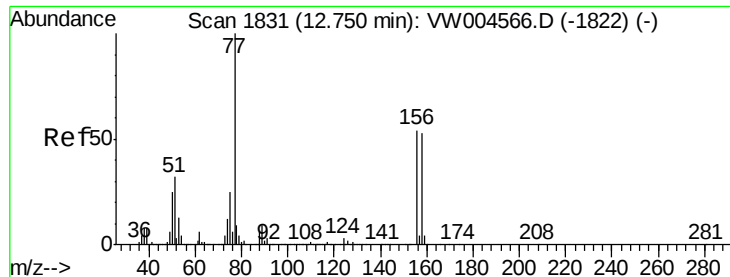


#76

1,2,3-Trichloropropane
Concen: 47.652 ug/l
RT: 12.62 min Scan# 1810
Delta R.T. -0.15 min
Lab File: VW004605.D
Acq: 10 Aug 2018 18:41

Tgt Ion: 75 Resp: 115057
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#77

Bromobenzene

Concen: 2.885 ug/l

RT: 12.91 min Scan# 1858

Delta R.T. 0.16 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12B

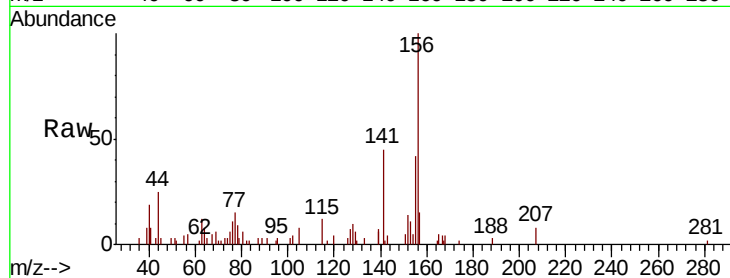
Tgt Ion:156 Resp: 11264

Ion Ratio Lower Upper

156 100

77 4.2 98.7 296.1#

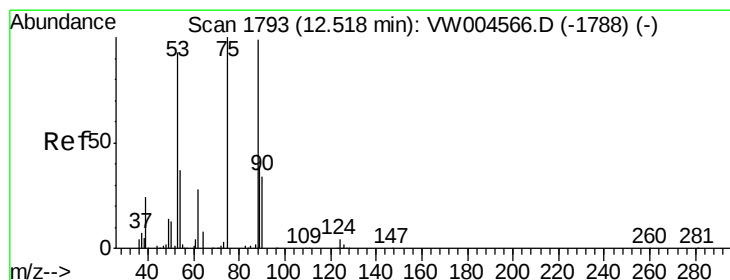
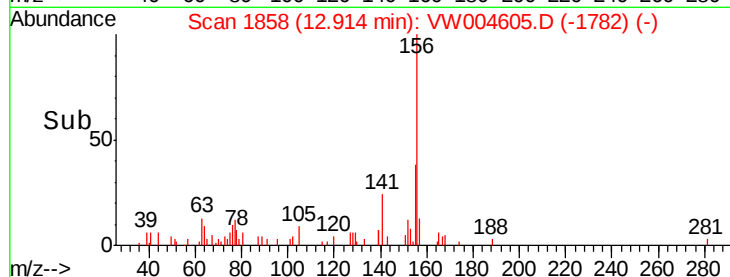
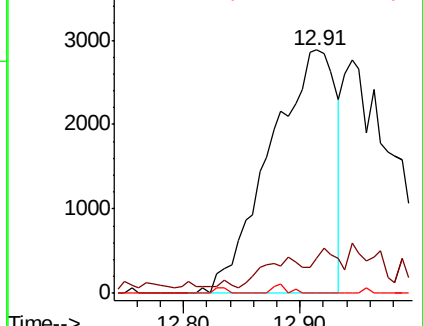
158 0.0 48.7 146.1#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#81

trans-1,4-Dichloro-2-butene

Concen: 114.072 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

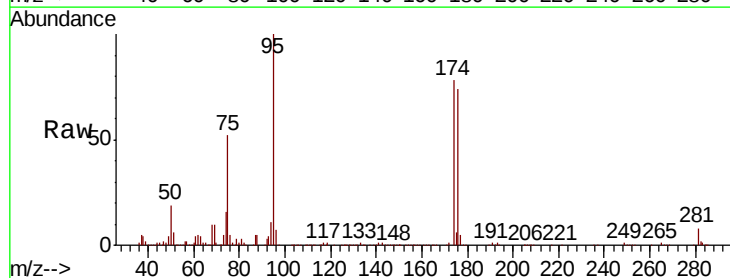
Tgt Ion: 75 Resp: 115057

Ion Ratio Lower Upper

75 100

53 0.3 74.4 111.6#

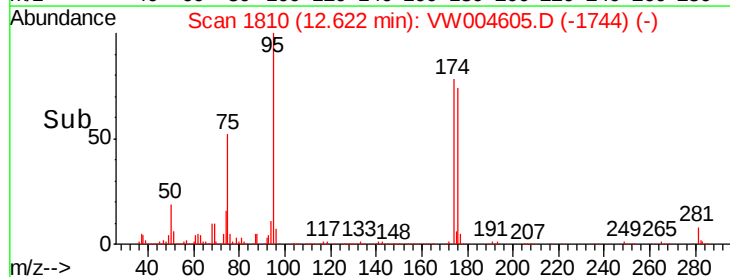
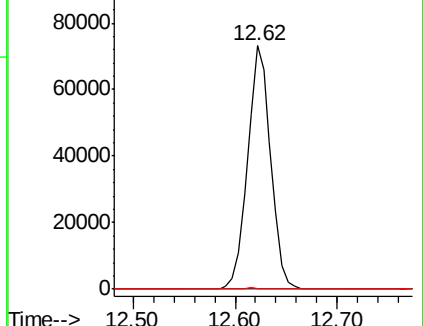
89 0.3 35.9 53.9#

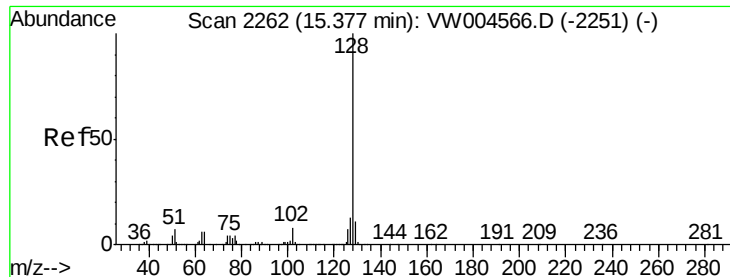


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW





#95

Naphthalene

Concen: 3.251 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VW004605.D

Acq: 10 Aug 2018 18:41

Instrument :

MSVOA_W

ClientSampleId :

2018-NYSEG-CLARK-AREA-12B

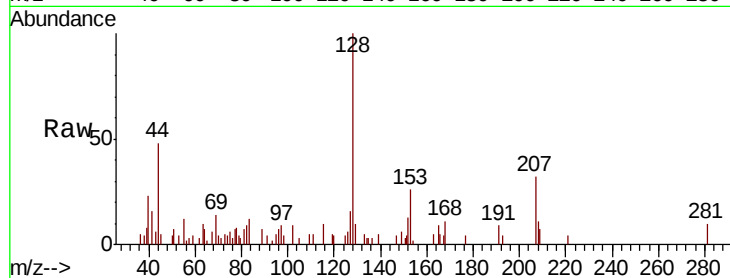
Tgt Ion:128 Resp: 3725

Ion Ratio Lower Upper

128 100

127 17.2 10.3 15.5#

129 14.9 8.6 13.0#



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

