

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112618\
 Data File : VW007075.D
 Acq On : 27 Nov 2018 05:10
 Operator : VAY/AP
 Sample : J5996-18
 Misc : 6.05G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-06-A

Quant Time: Nov 27 07:53:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	114720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	185940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	178868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	86556	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	53155	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
35) Dibromofluoromethane	7.88	113	45155	43.00	ug/l	0.00
Spiked Amount			Recovery	=	86.00%	
50) Toluene-d8	10.32	98	196987	42.48	ug/l	0.00
Spiked Amount			Recovery	=	84.96%	
62) 4-Bromofluorobenzene	12.62	95	78913	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	

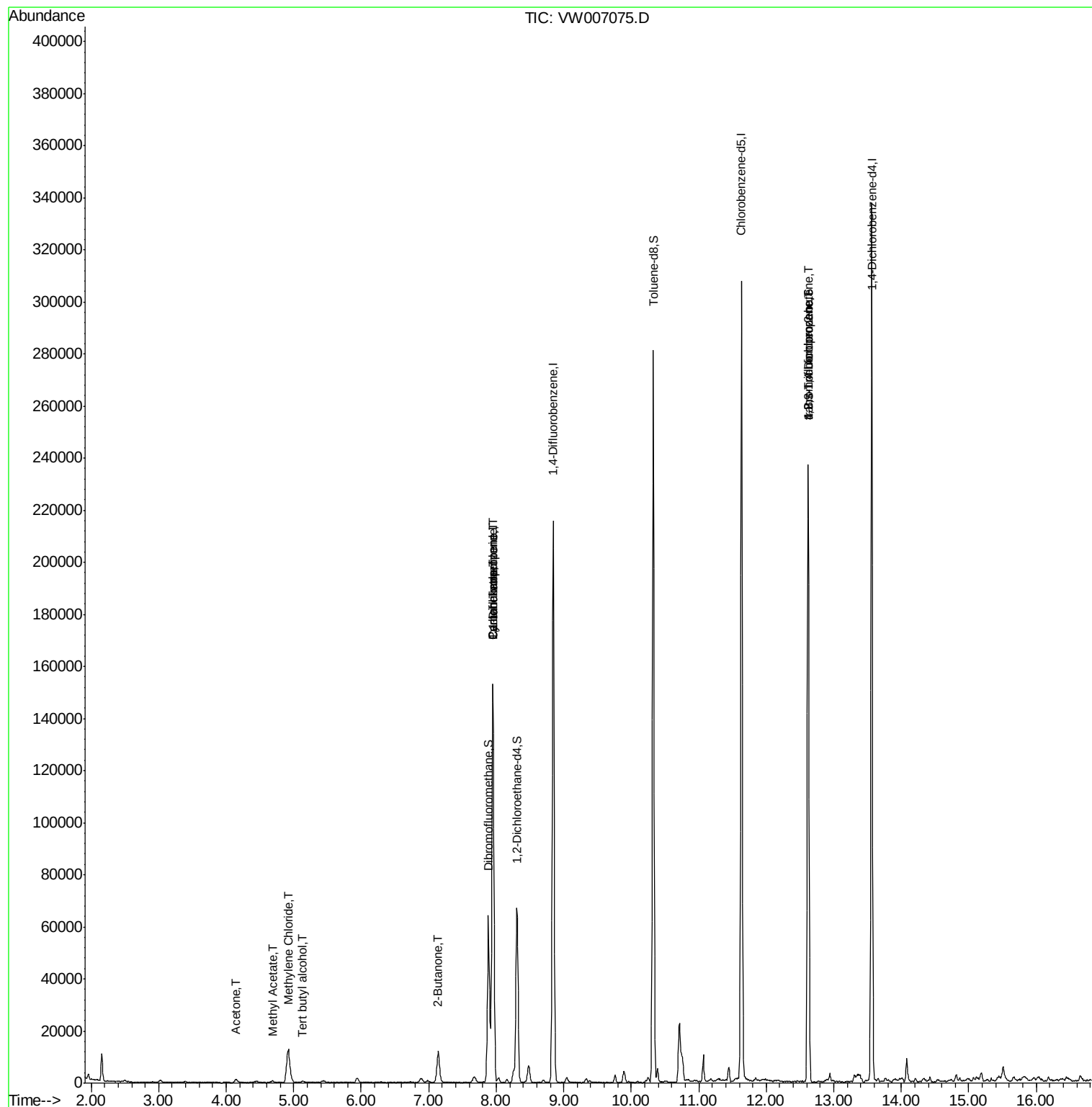
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	450	6.155	ug/l #	71
16) Acetone	4.14	43	2672	16.386	ug/l	93
18) Methyl Acetate	4.68	43	1431	2.464	ug/l #	90
20) Methylene Chloride	4.92	84	10196	2.742	ug/l	93
25) 2-Butanone	7.14	43	749	2.682	ug/l #	48
31) Cyclohexane	7.95	56	2713	1.254	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	8624	4.746	ug/l #	51
38) Carbon Tetrachloride	7.95	117	11657	6.700	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	38119	56.045	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38119	140.706	ug/l #	10

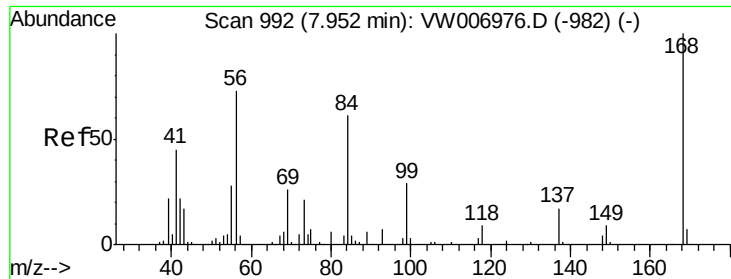
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007075.D

Acq: 27 Nov 2018 05:10

Instrument :

MSVOA_W

ClientSampleId :

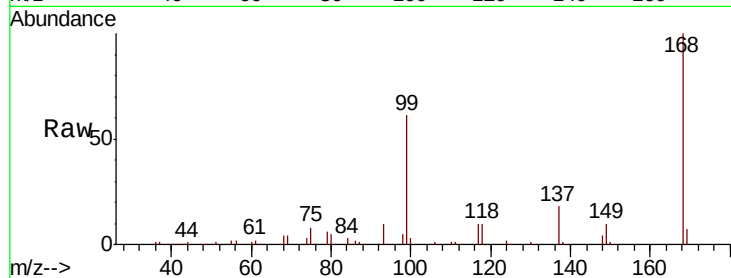
NON-UST-06-A

Tot Ion:168 Resp: 114720

Ion Ratio Lower Upper

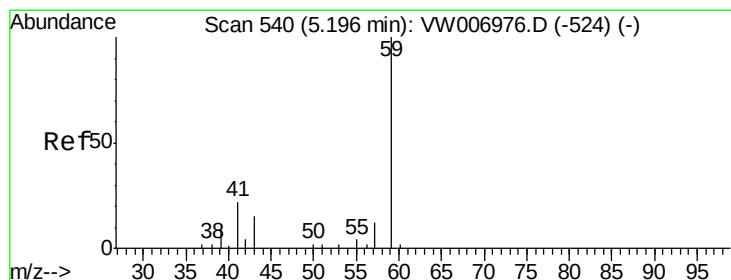
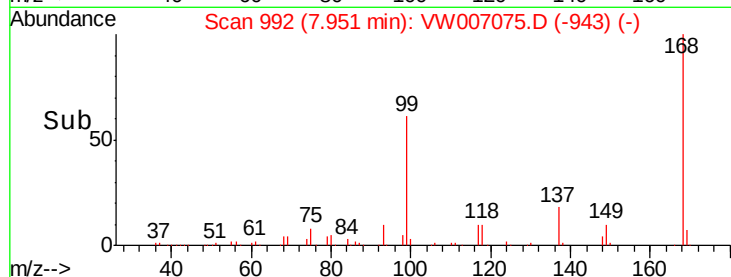
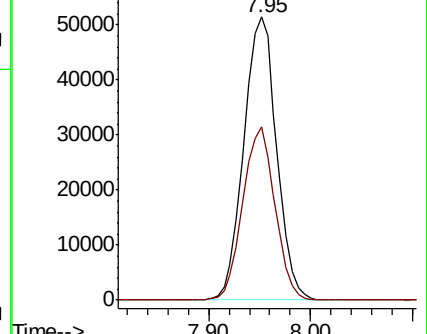
168 100

99 61.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.155 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.07 min

Lab File: VW007075.D

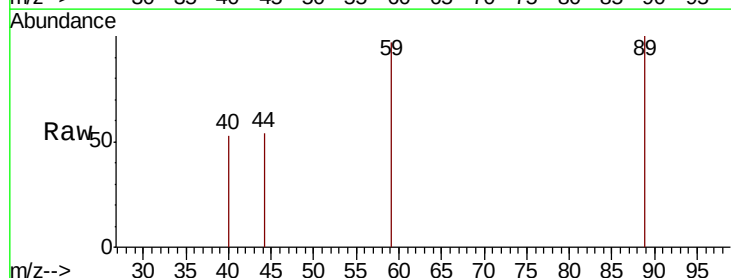
Acq: 27 Nov 2018 05:10

Tgt Ion: 59 Resp: 450

Ion Ratio Lower Upper

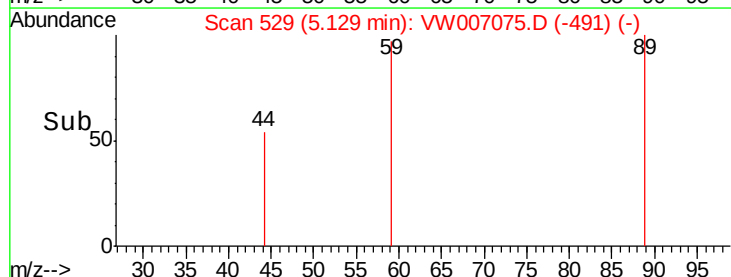
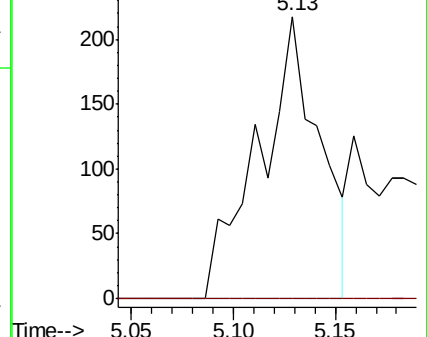
59 100

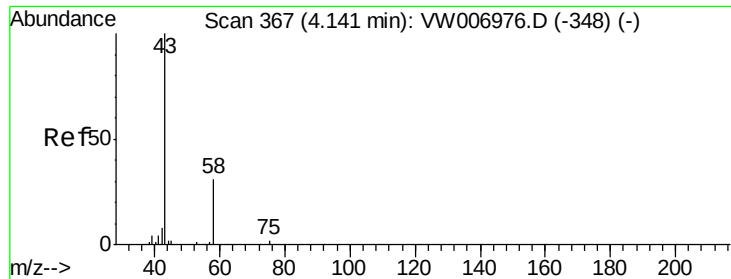
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 16.386 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW007075.D

Acq: 27 Nov 2018 05:10

Instrument :

MSVOA_W

ClientSampleId :

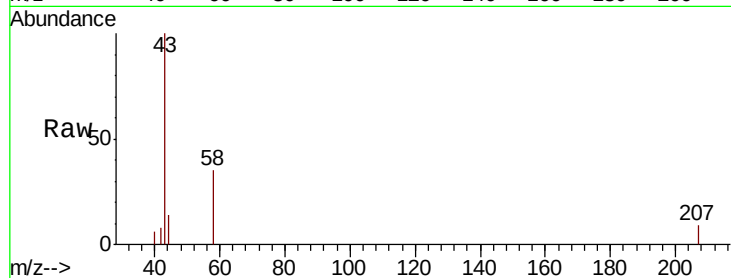
NON-UST-06-A

Tot Ion: 43 Resp: 2672

Ion Ratio Lower Upper

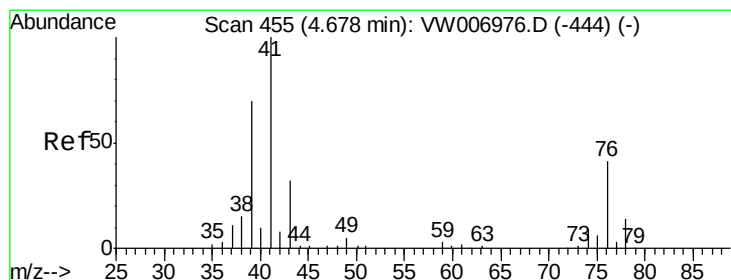
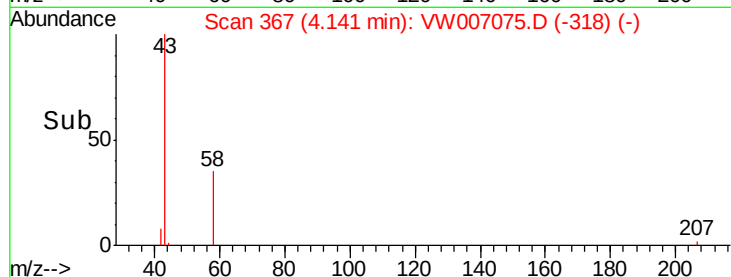
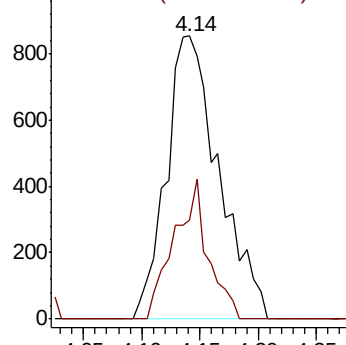
43 100

58 34.8 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#18

Methyl Acetate

Concen: 2.464 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW007075.D

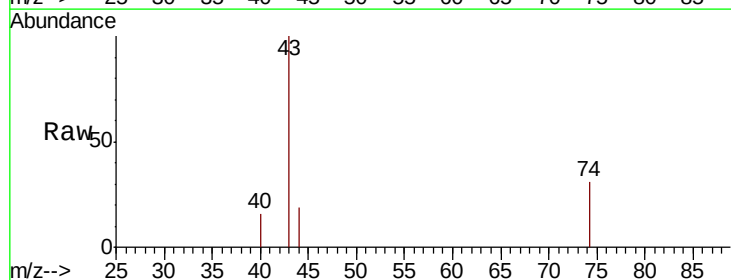
Acq: 27 Nov 2018 05:10

Tgt Ion: 43 Resp: 1431

Ion Ratio Lower Upper

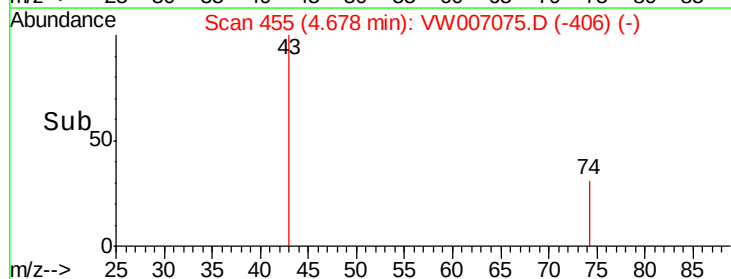
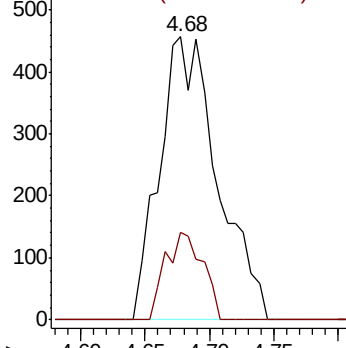
43 100

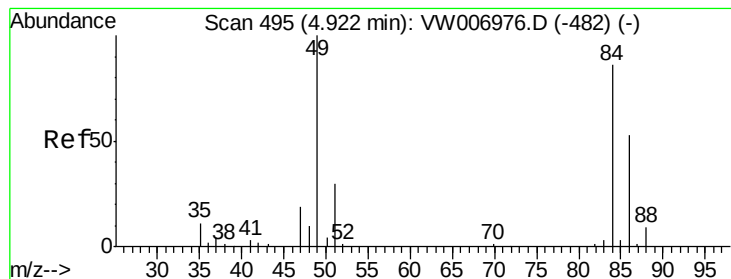
74 19.8 20.1 30.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methylene Chloride

Concen: 2.742 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007075.D

Acq: 27 Nov 2018 05:10

Instrument :

MSVOA_W

ClientSampleId :

NON-UST-06-A

Tot Ion: 84 Resp: 10196

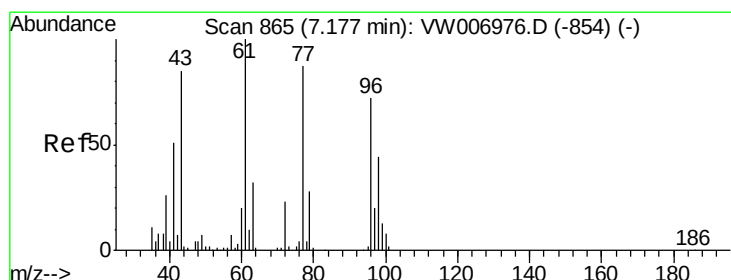
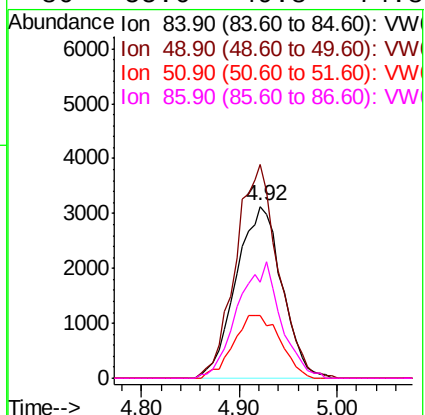
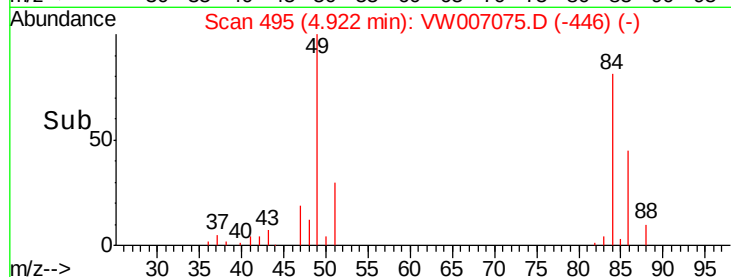
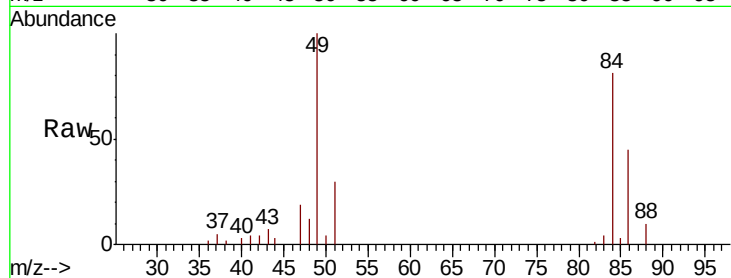
Ion Ratio Lower Upper

84 100

49 124.1 93.4 140.0

51 36.7 28.4 42.6

86 55.6 49.8 74.8



#25

2-Butanone

Concen: 2.682 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.04 min

Lab File: VW007075.D

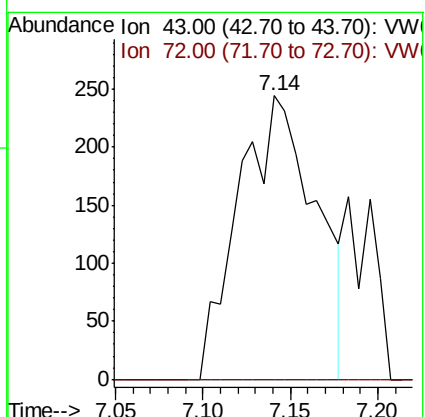
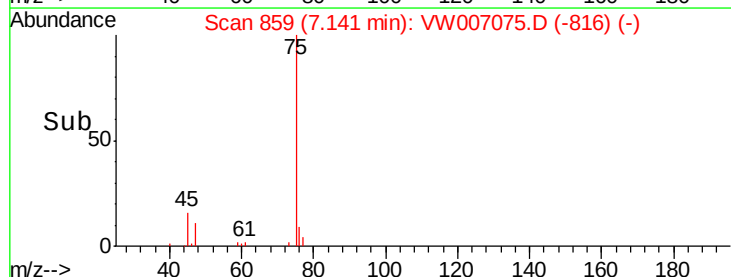
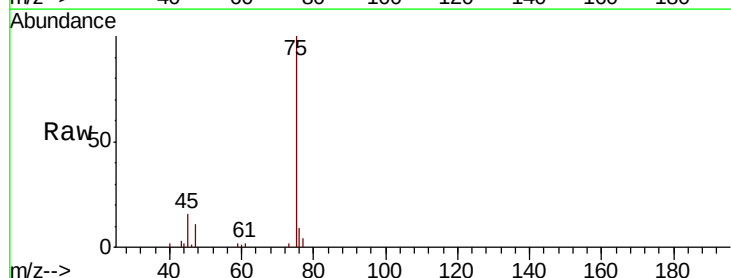
Acq: 27 Nov 2018 05:10

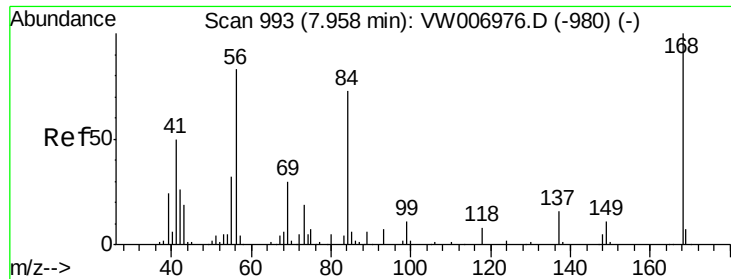
Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

43 100

72 0.0 21.3 31.9#

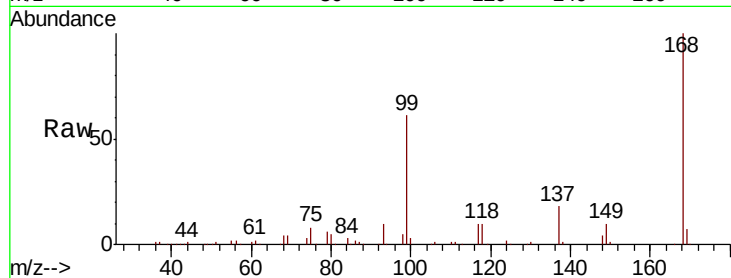




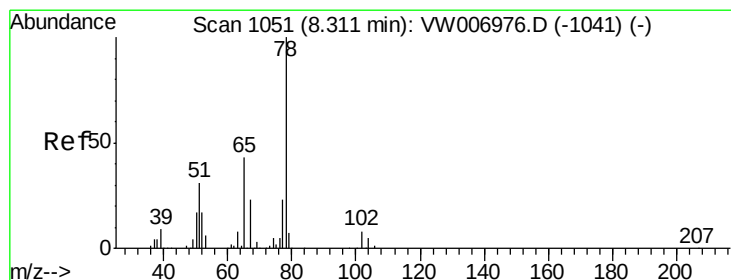
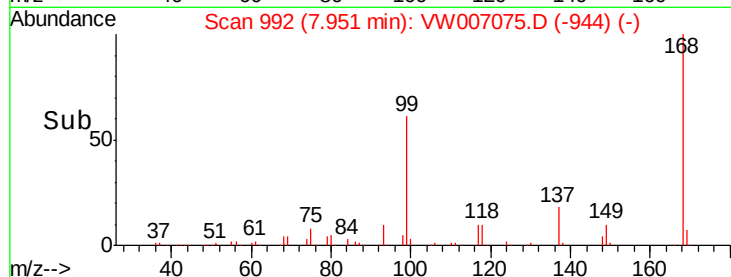
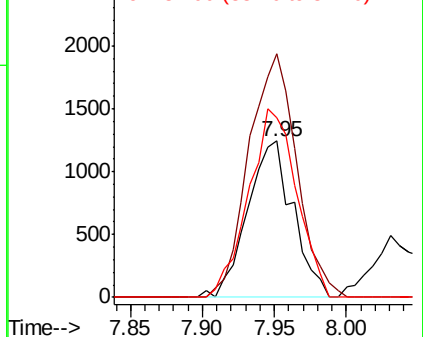
#31
Cyclohexane
Concen: 1.254 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-06-A

Tot Ion: 56 Resp: 2713
Ion Ratio Lower Upper
56 100
69 155.7 29.1 43.7#
84 115.0 70.6 105.8#

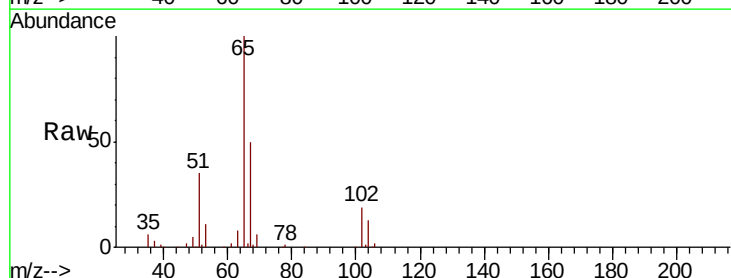


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

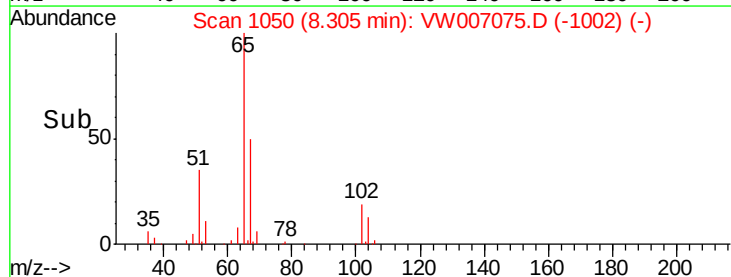
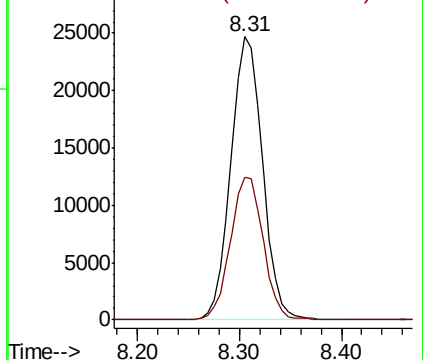


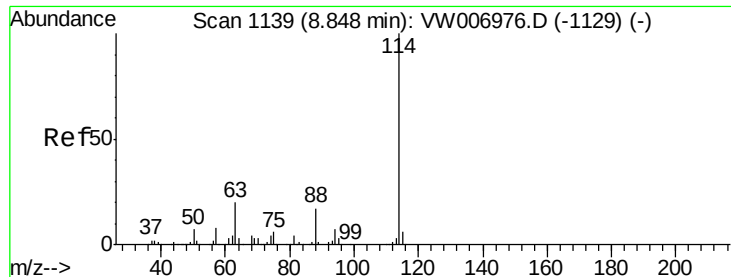
#33
1,2-Dichloroethane-d4
Concen: 47.327 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

Tgt Ion: 65 Resp: 53155
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

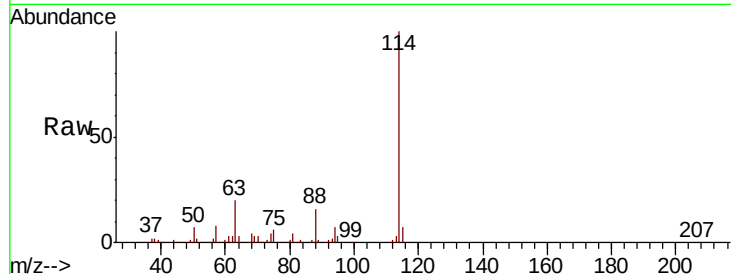




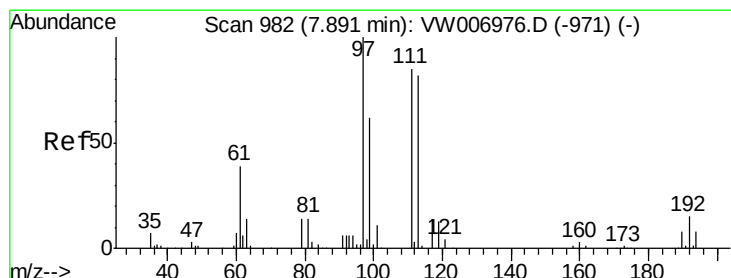
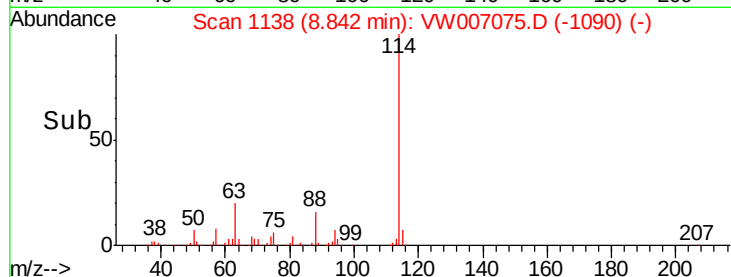
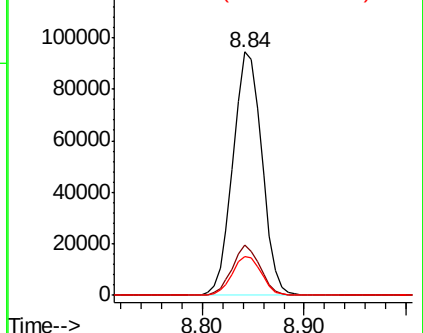
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007075.D
 Acq: 27 Nov 2018 05:10

Instrument :
 MSVOA_W
 ClientSampleId :
 NON-UST-06-A

Tot Ion:114 Resp: 185940
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 16.1 0.0 34.2

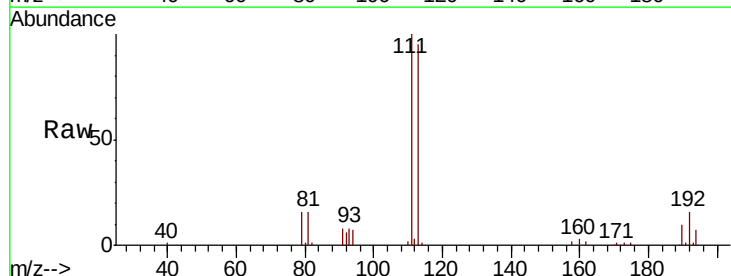


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

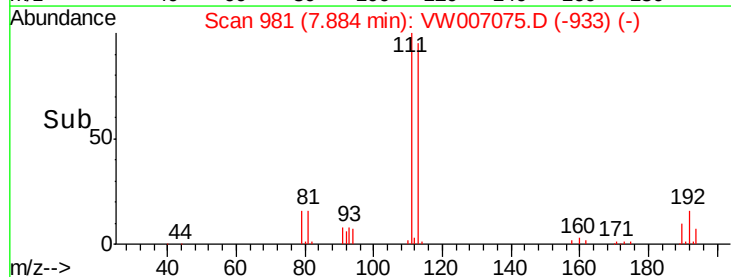
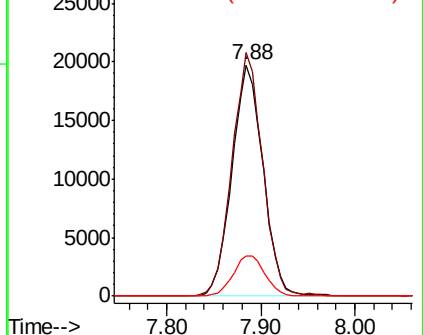


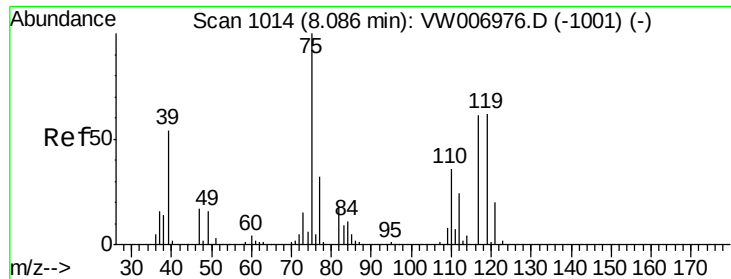
#35
 Dibromofluoromethane
 Concen: 43.003 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007075.D
 Acq: 27 Nov 2018 05:10

Tgt Ion:113 Resp: 45155
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.0 121.6
 192 18.1 15.0 22.6



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

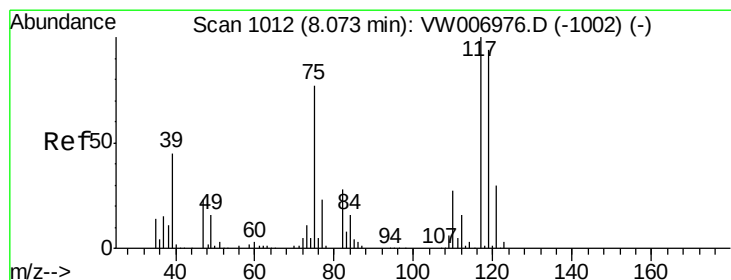
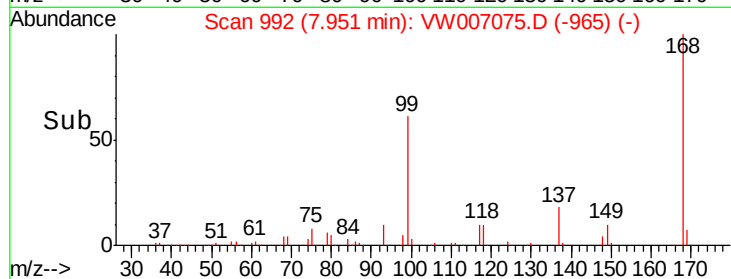
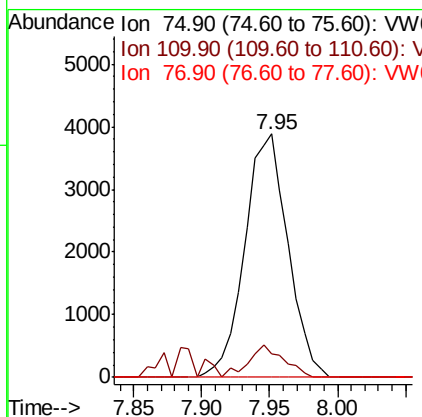
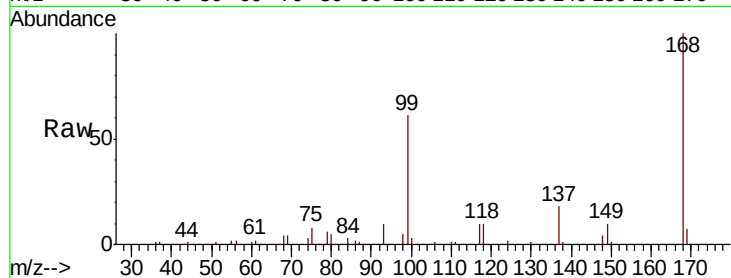




#36
 1,1-Dichloropropene
 Concen: 4.746 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007075.D
 Acq: 27 Nov 2018 05:10

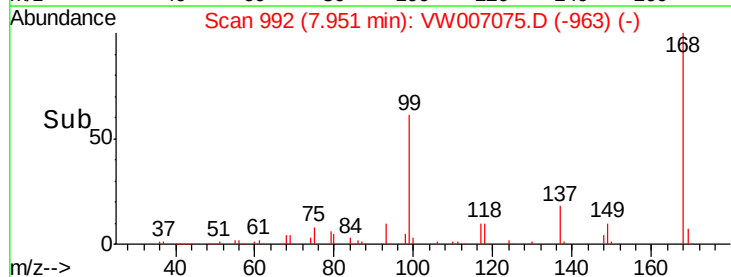
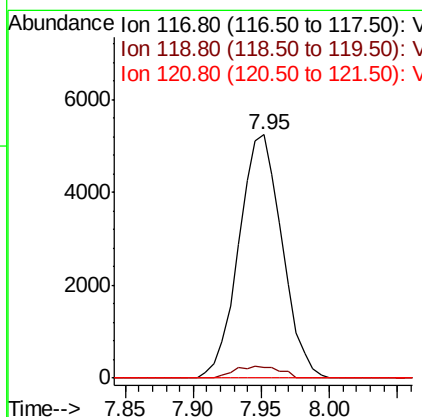
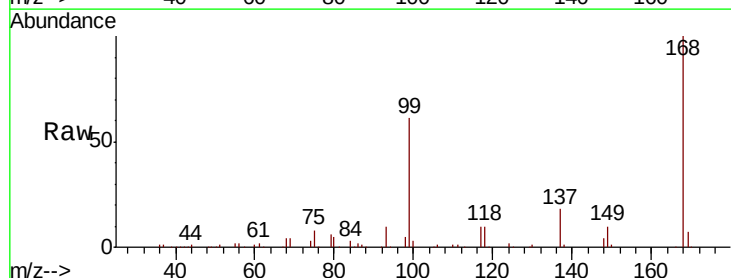
Instrument :
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 NON-UST-06-A

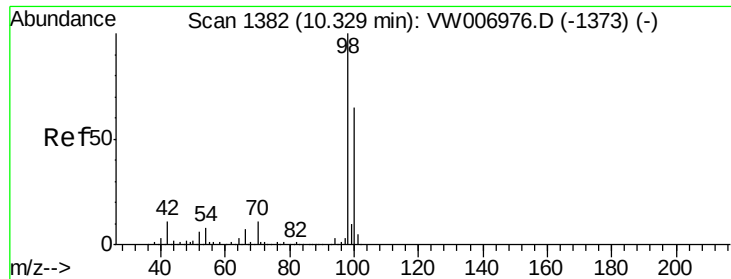
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.700 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007075.D
 Acq: 27 Nov 2018 05:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	74.9	112.3#
121	0.0	23.6	35.4#

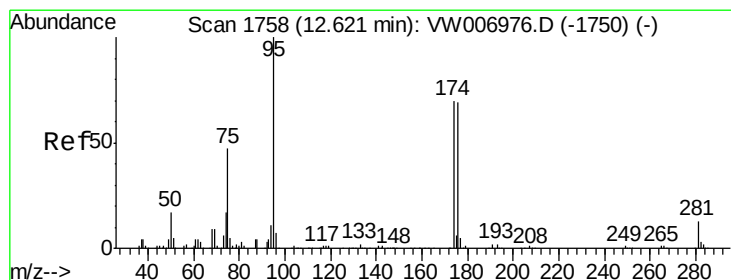
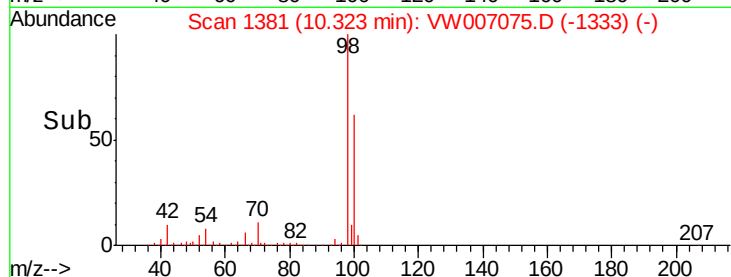
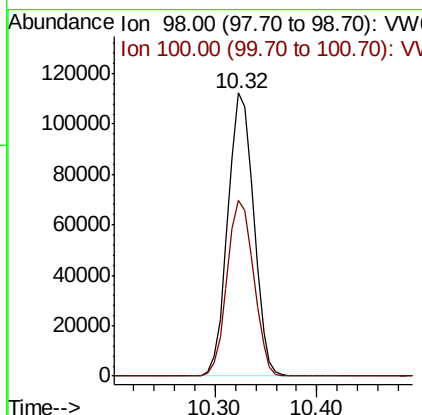
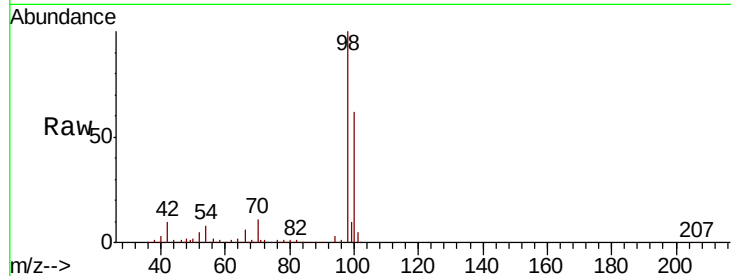




#50
Toluene-d8
Concen: 42.483 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

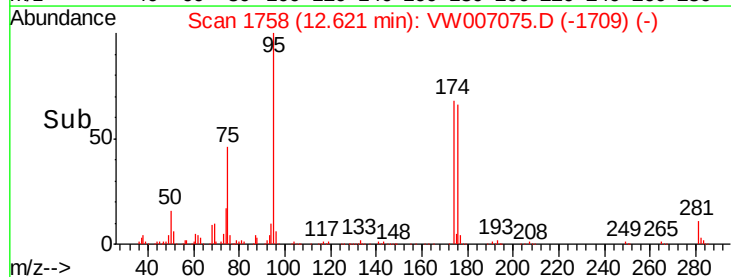
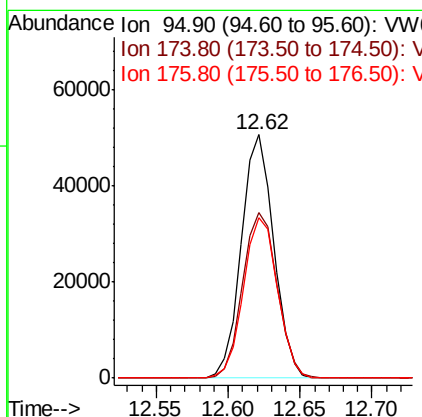
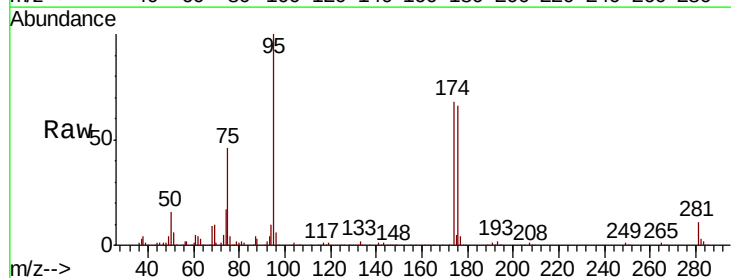
Instrument :
MSVOA_W
ClientSampleId :
NON-UST-06-A

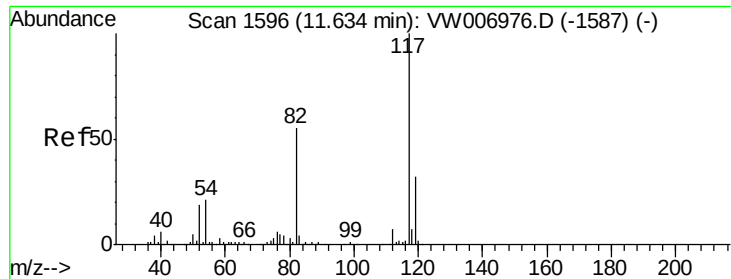
Tot Ion: 98 Resp: 196987
Ion Ratio Lower Upper
98 100
100 63.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.247 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

Tgt Ion: 95 Resp: 78913
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.6
176 69.2 0.0 140.4

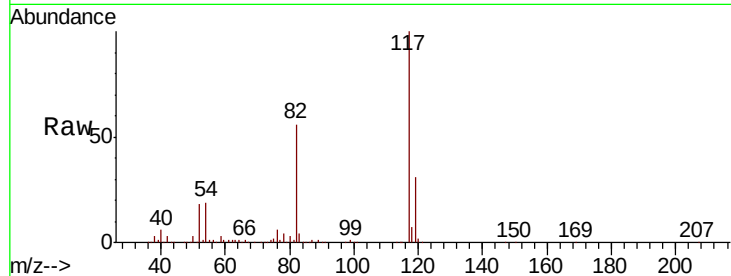




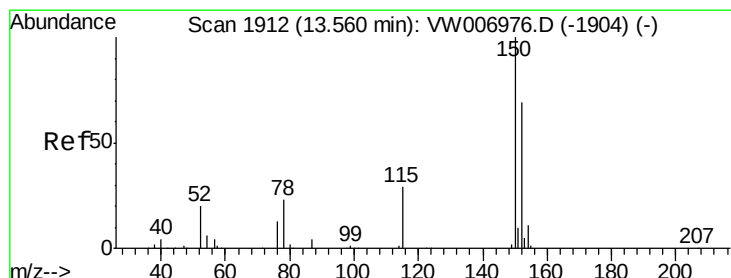
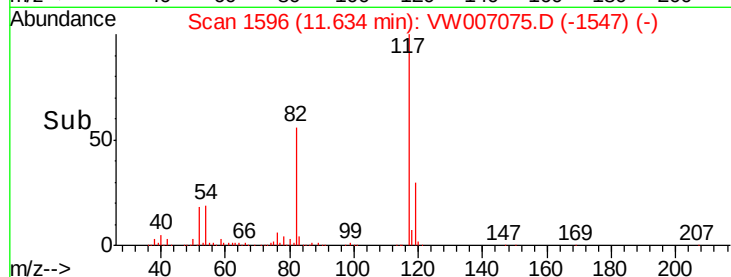
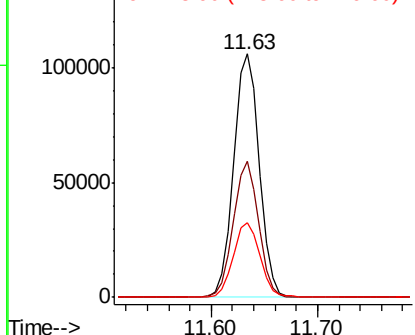
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

Instrument :
MSVOA_W
ClientSampleId :
NON-UST-06-A

Tot Ion:117 Resp: 178868
Ion Ratio Lower Upper
117 100
82 55.7 44.2 66.2
119 30.5 25.9 38.9

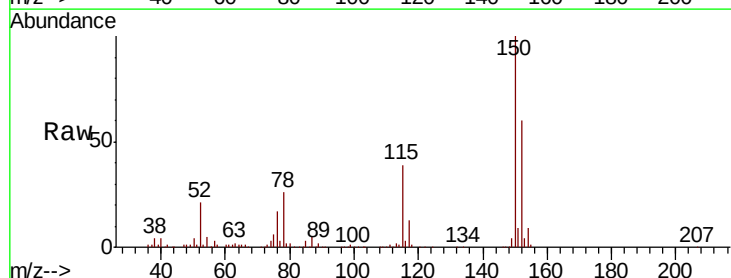


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

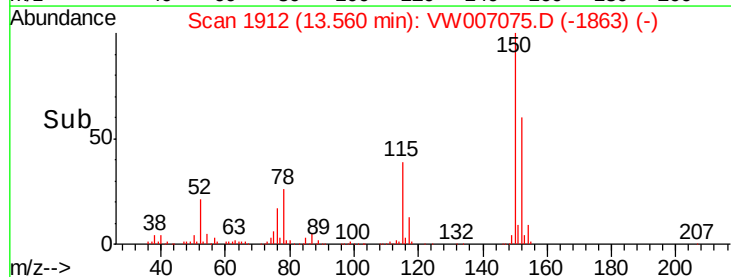
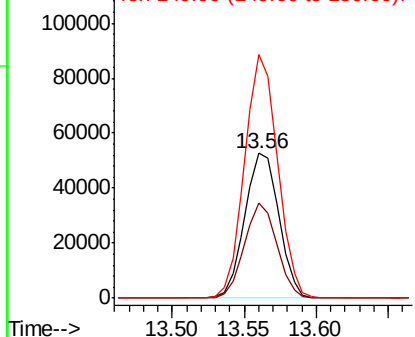


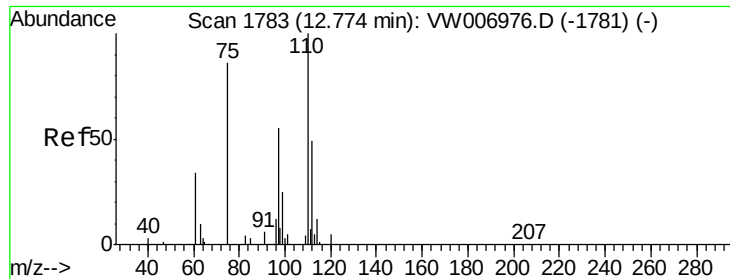
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007075.D
Acq: 27 Nov 2018 05:10

Tgt Ion:152 Resp: 86556
Ion Ratio Lower Upper
152 100
115 62.8 31.4 94.2
150 161.6 0.0 353.4



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: 56.045 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007075.D

Acq: 27 Nov 2018 05:10

Instrument :

MSVOA_W

ClientSampled :

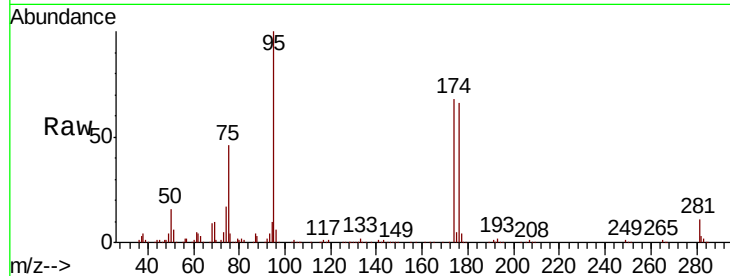
NON-UST-06-A

Tot Ion: 75 Resp: 38119

Ion Ratio Lower Upper

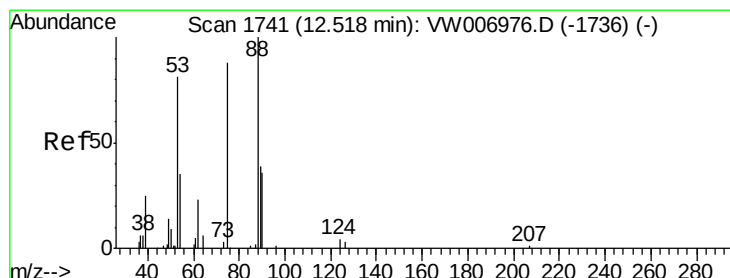
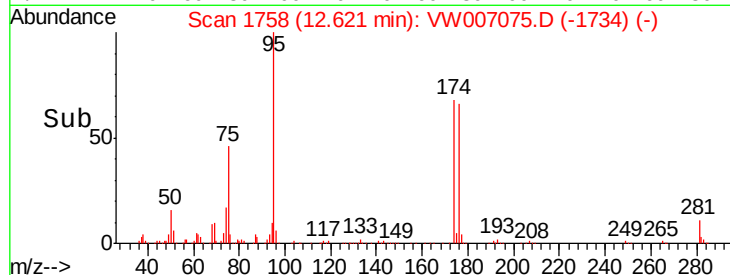
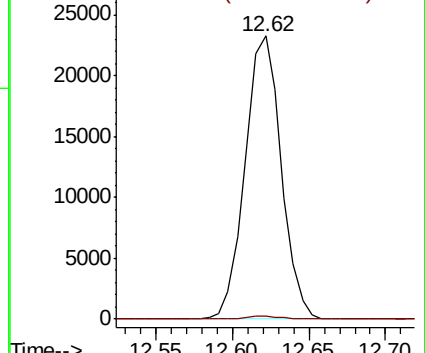
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 140.706 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007075.D

Acq: 27 Nov 2018 05:10

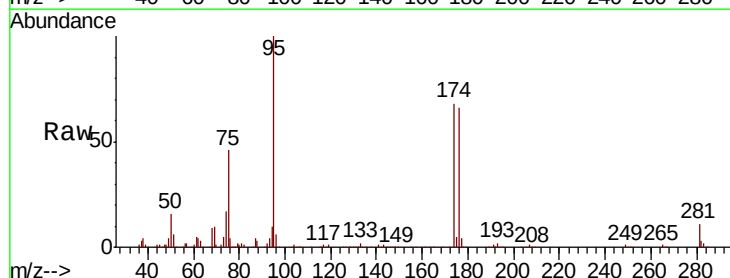
Tgt Ion: 75 Resp: 38119

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.1 39.3 58.9#



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

