

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006276.D
 Acq On : 23 Oct 2018 04:03
 Operator : VA/AP
 Sample : J5625-16
 Misc : 4.55G/5ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-08

Quant Time: Oct 23 05:37:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	306972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	174833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	36375	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	60129	32.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.02%	
35) Dibromofluoromethane	7.88	113	64777	35.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.42%	
50) Toluene-d8	10.33	98	179409	26.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.00%	
62) 4-Bromofluorobenzene	12.62	95	33556	12.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	25.90%	

Target Compounds

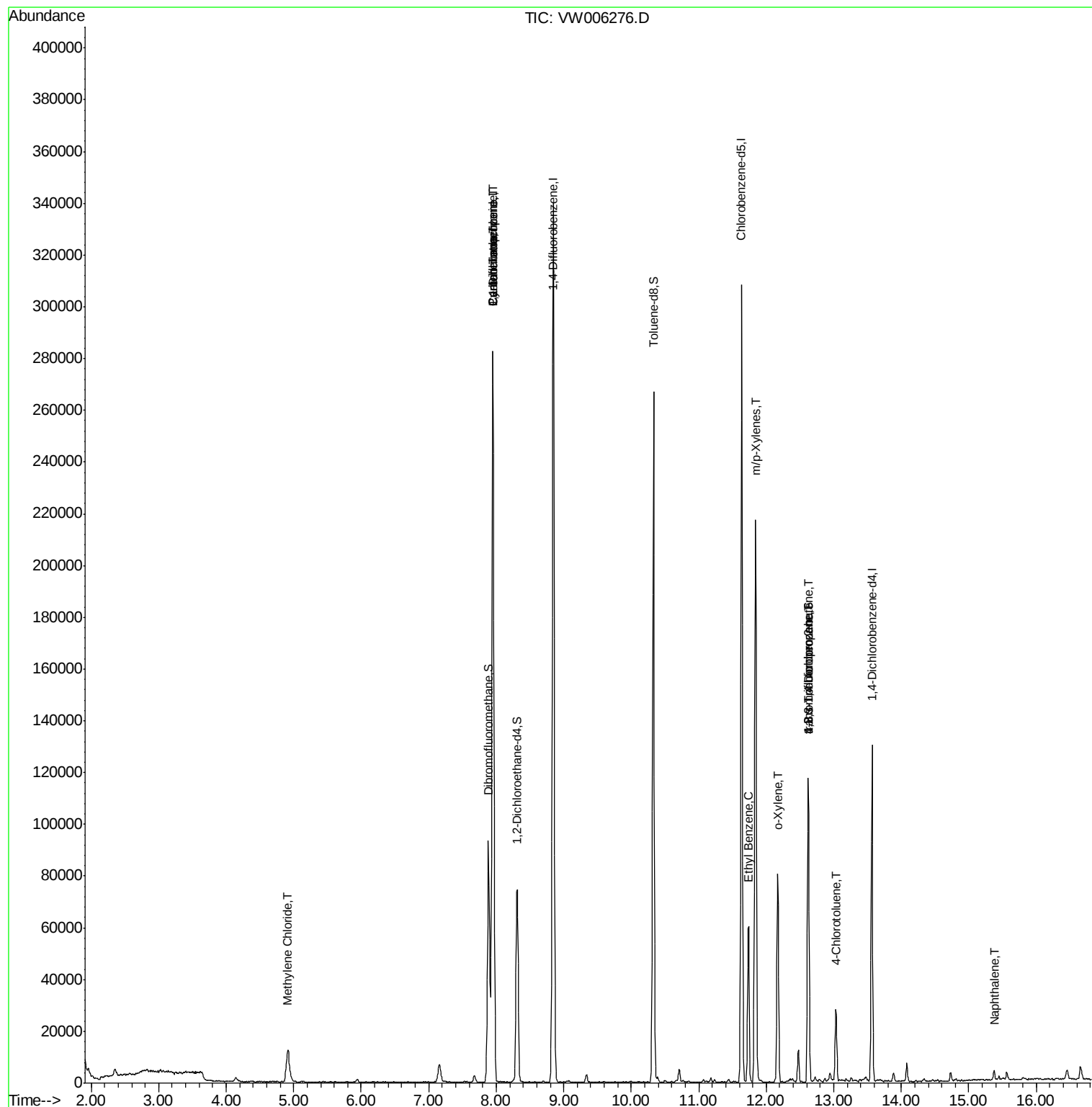
					Qvalue
16) Acetone	4.14	43	2867	Below Cal	91
20) Methylene Chloride	4.91	84	10470	3.762 ug/l	94
31) Cyclohexane	7.95	56	4494	1.307 ug/l #	23
36) 1,1-Dichloropropene	7.95	75	14606	5.162 ug/l #	48
38) Carbon Tetrachloride	7.95	117	20384	6.572 ug/l #	17
67) Ethyl Benzene	11.74	91	43400	6.691 ug/l	99
68) m/p-Xylenes	11.84	106	65678	25.619 ug/l	98
69) o-Xylene	12.17	106	21660	8.865 ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	16879	60.752 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	16879	145.222 ug/l #	10
82) 4-Chlorotoluene	13.03	91	3686	2.095 ug/l #	39
95) Naphthalene	15.38	128	3493	2.442 ug/l	97

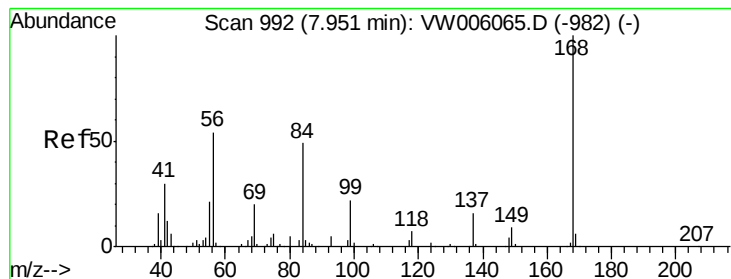
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
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Quant Time: Oct 23 05:37:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 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: VW006276.D

Acq: 23 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

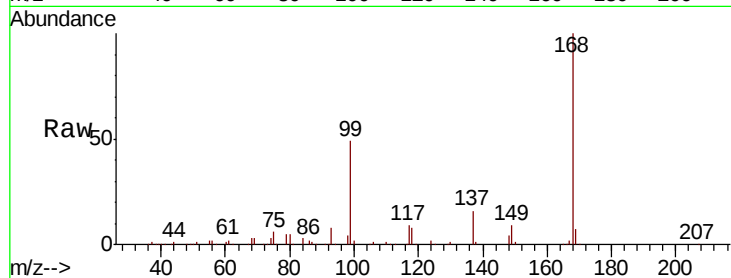
DW-08

Tot Ion:168 Resp: 226600

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

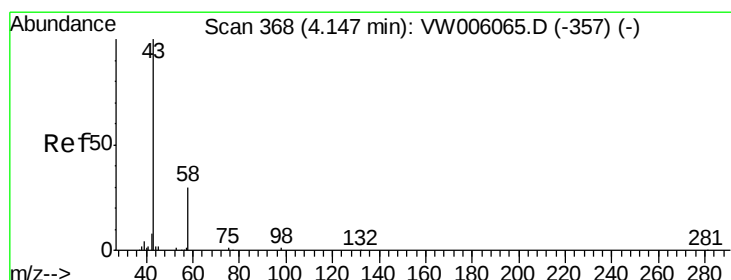
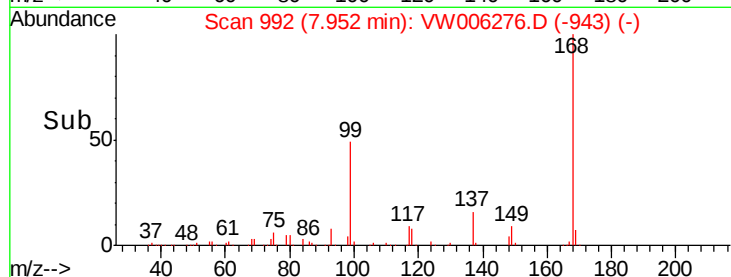
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006276.D

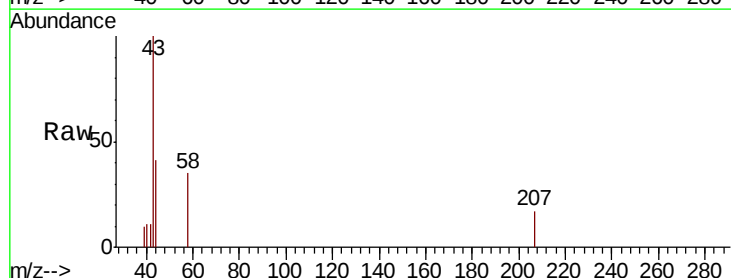
Acq: 23 Oct 2018 04:03

Tgt Ion: 43 Resp: 2867

Ion Ratio Lower Upper

43 100

58 35.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

1000

800

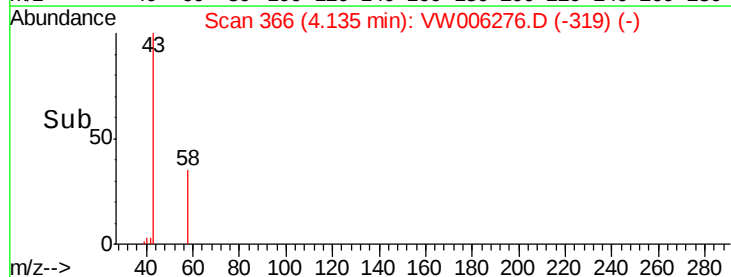
600

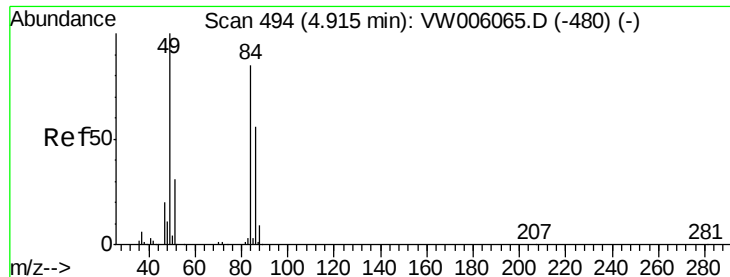
400

200

0

Time-->





#20

Methylene Chloride

Concen: 3.762 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampled :

DW-08

Tot Ion: 84 Resp: 10470

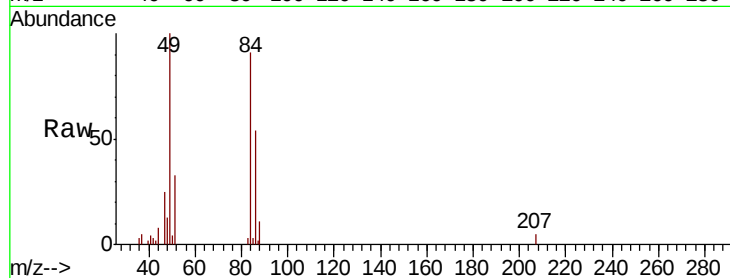
Ion Ratio Lower Upper

84 100

49 109.7 93.6 140.4

51 36.2 29.0 43.4

86 59.1 52.6 79.0



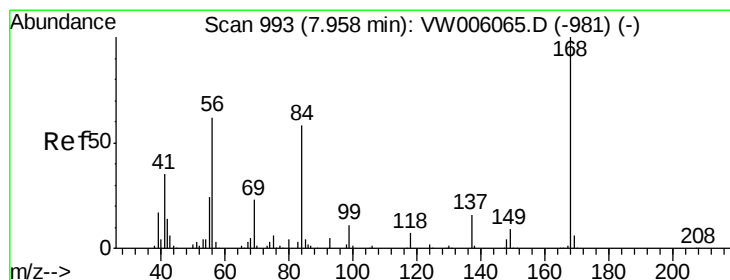
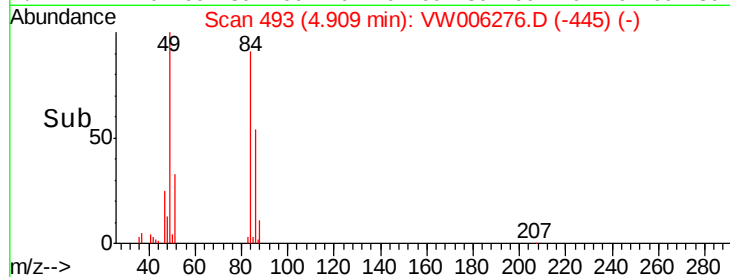
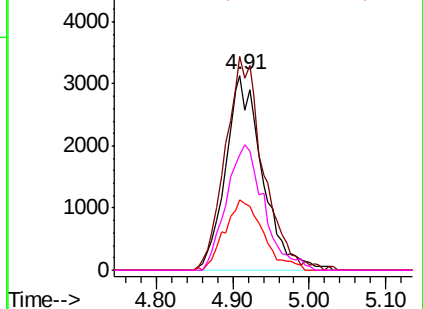
Abundance

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



#31

Cyclohexane

Concen: 1.307 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

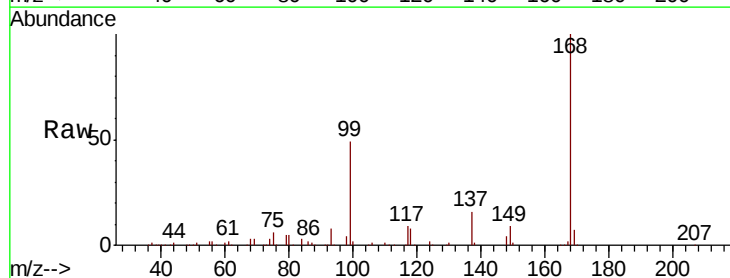
Tgt Ion: 56 Resp: 4494

Ion Ratio Lower Upper

56 100

69 140.9 29.4 44.0#

84 128.4 74.0 111.0#

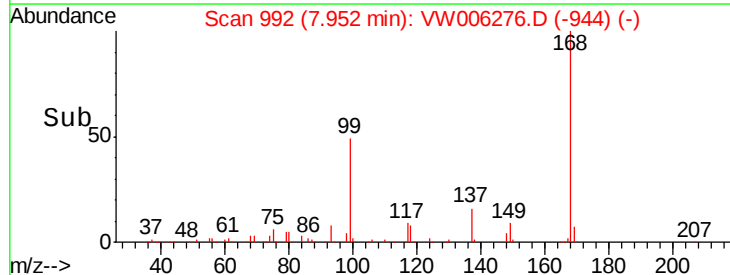
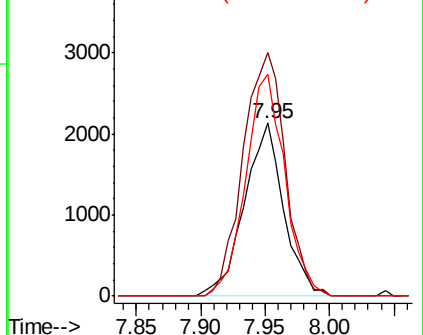


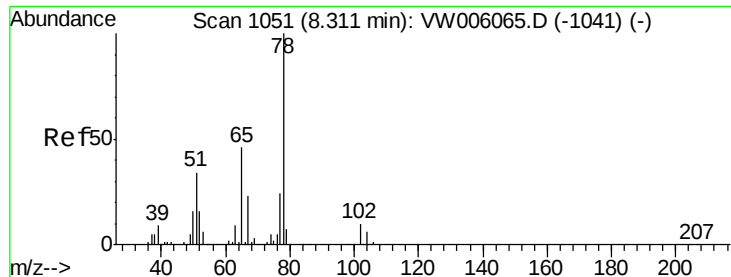
Abundance

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

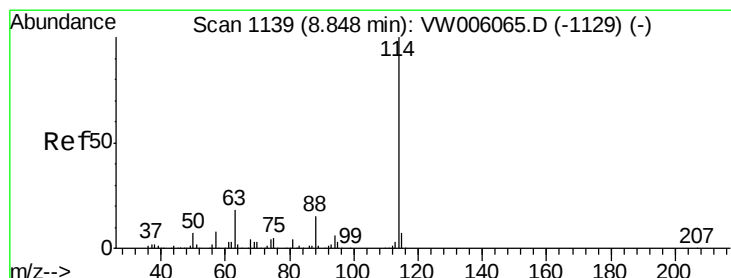
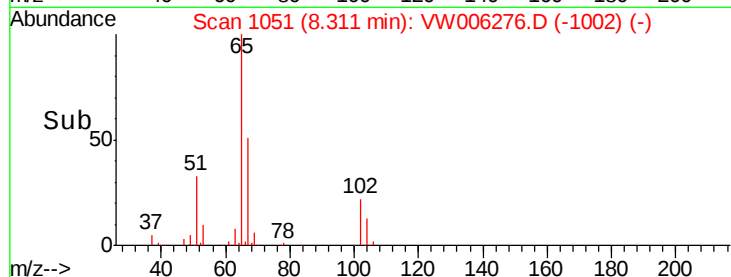
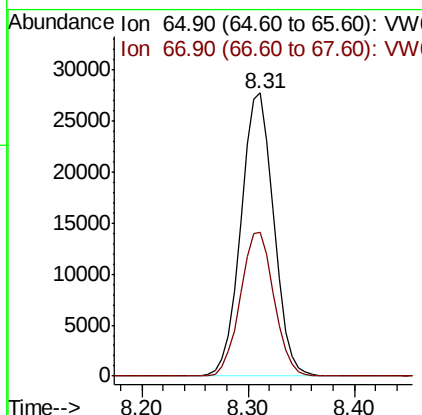
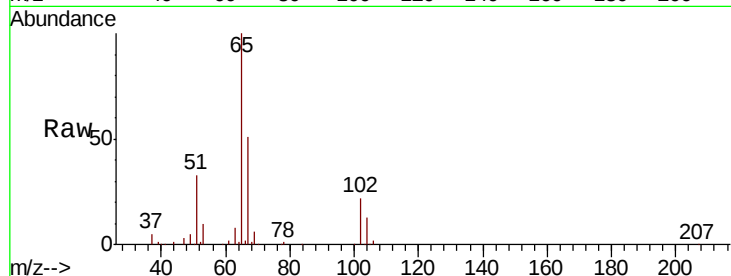




#33
 1,2-Dichloroethane-d4
 Concen: 32.007 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006276.D
 Acq: 23 Oct 2018 04:03

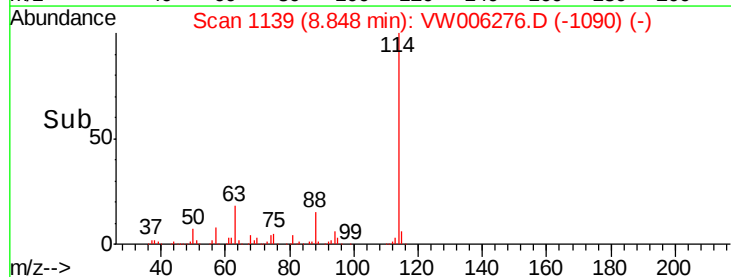
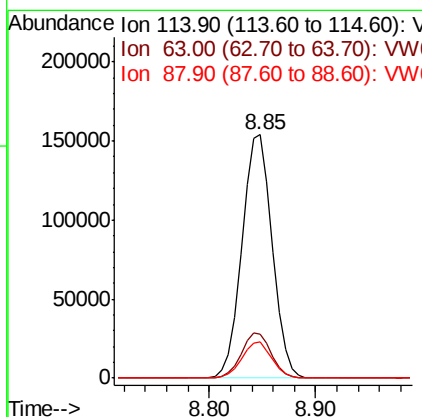
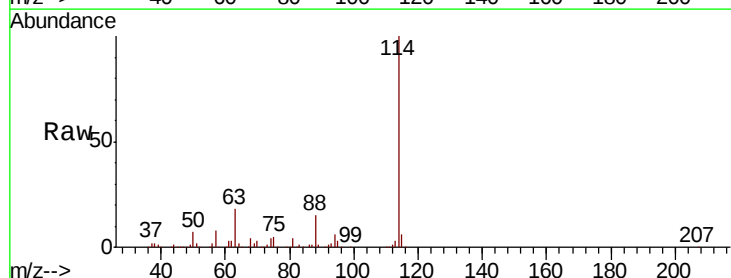
Instrument :
 MSVOA_W
 ClientSampleId :
 DW-08

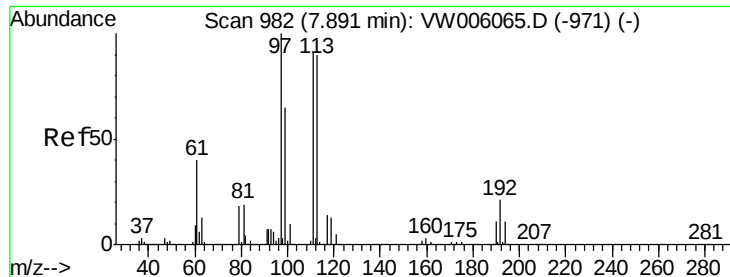
Tot Ion: 65 Resp: 60129
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006276.D
 Acq: 23 Oct 2018 04:03

Tgt Ion: 114 Resp: 306972
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 35.712 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

DW-08

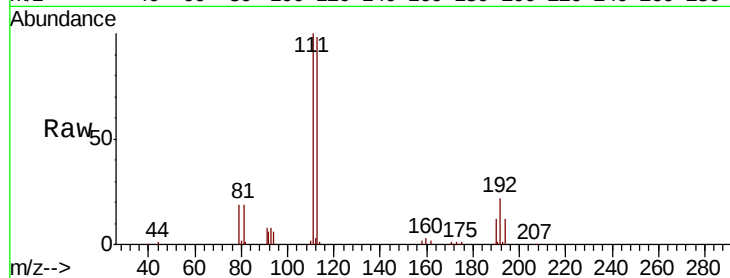
Tot Ion:113 Resp: 64777

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

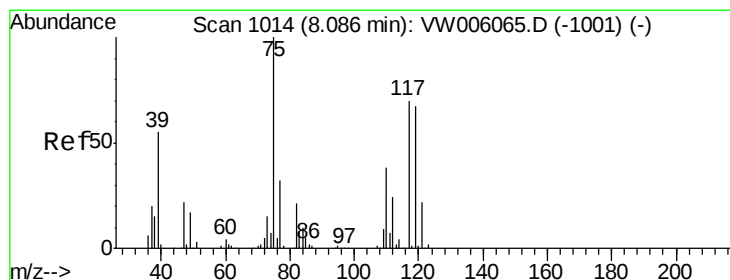
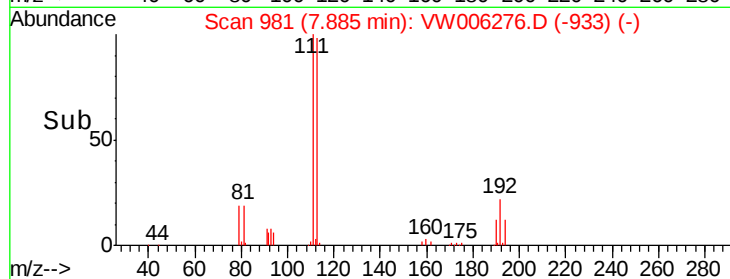
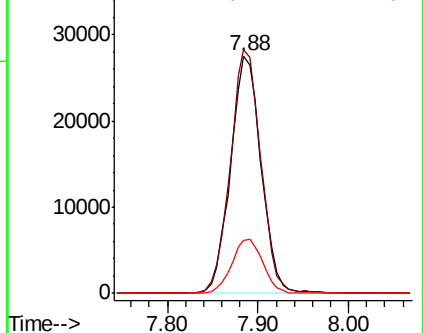
192 23.1 18.7 28.1



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: 5.162 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

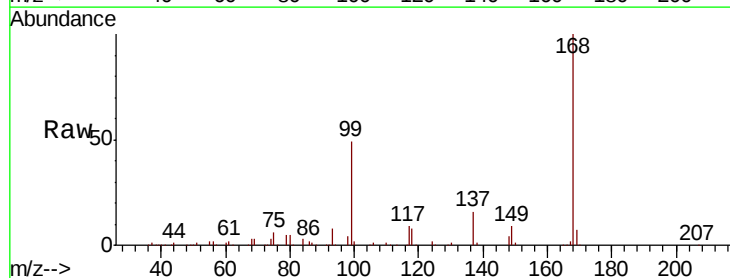
Tgt Ion: 75 Resp: 14606

Ion Ratio Lower Upper

75 100

110 9.4 19.1 57.1#

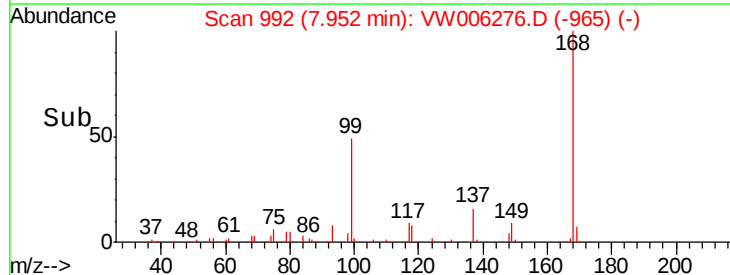
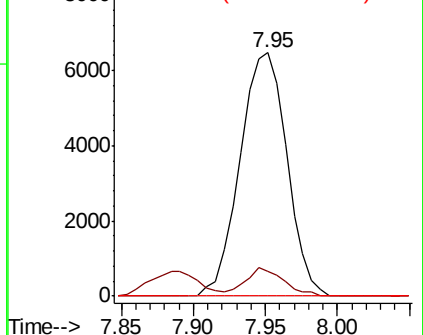
77 0.0 25.0 37.4#

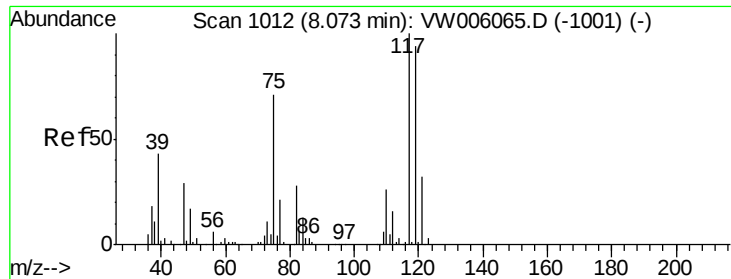


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

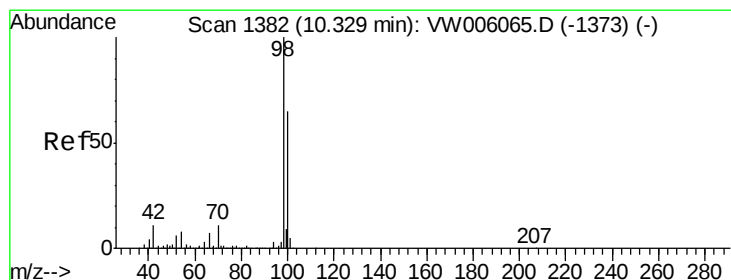
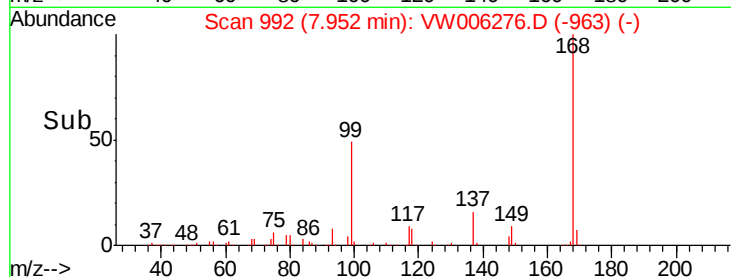
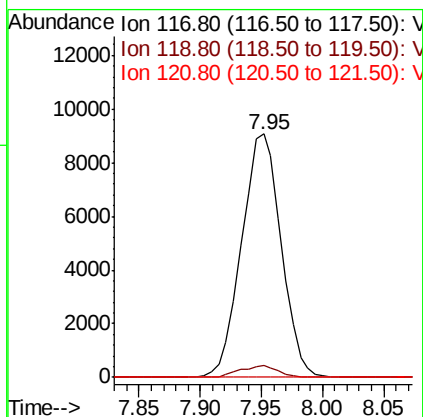
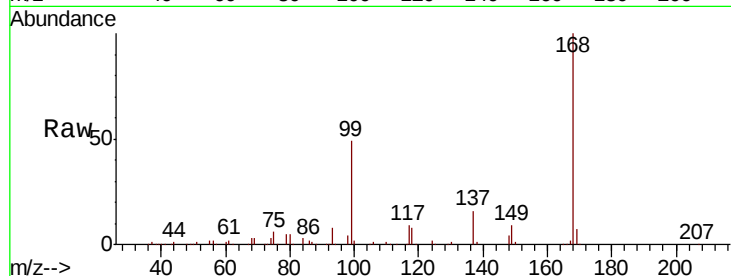




#38
Carbon Tetrachloride
Concen: 6.572 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

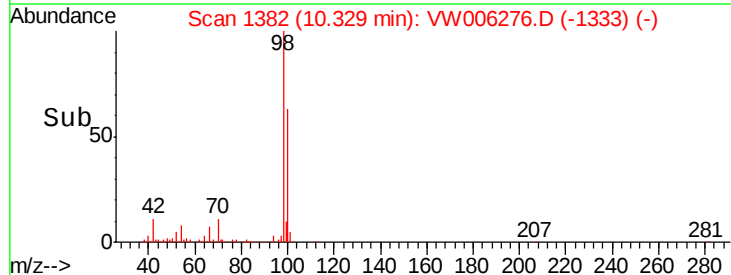
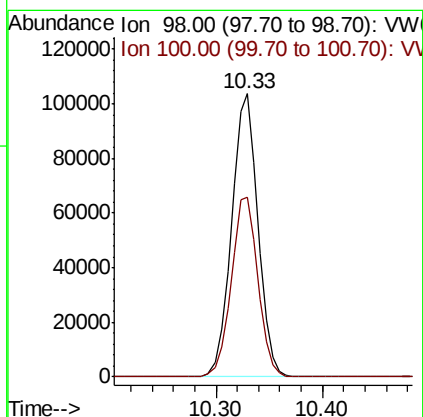
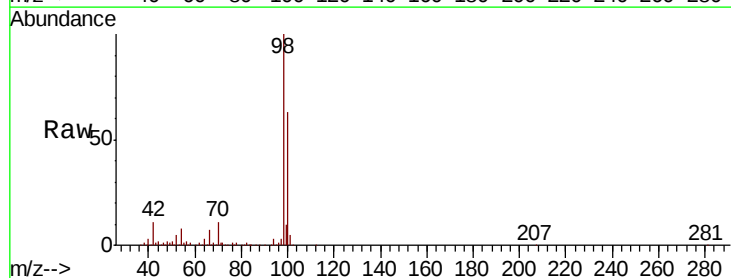
Instrument :
MSVOA_W
ClientSampleId :
DW-08

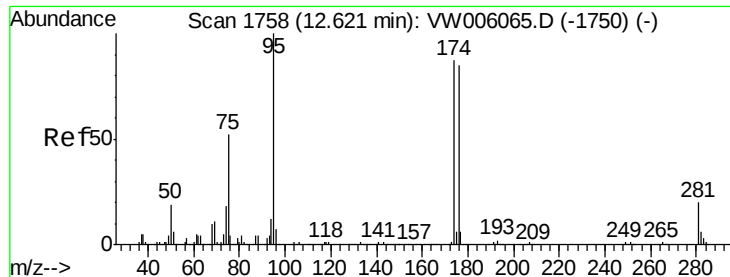
Tot Ion:117 Resp: 20384
Ion Ratio Lower Upper
117 100
119 5.1 75.2 112.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 25.998 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

Tgt Ion: 98 Resp: 179409
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

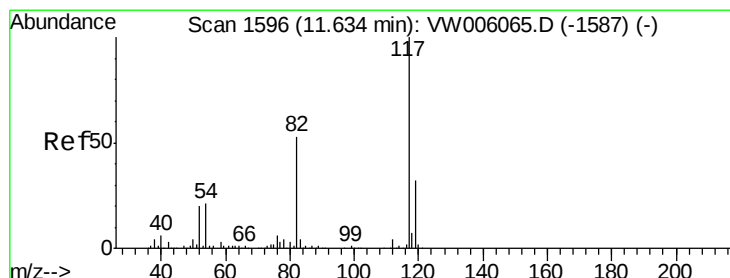
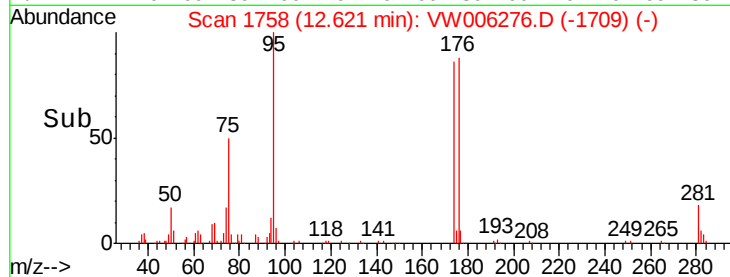
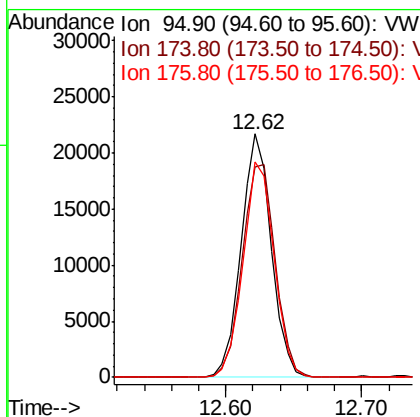
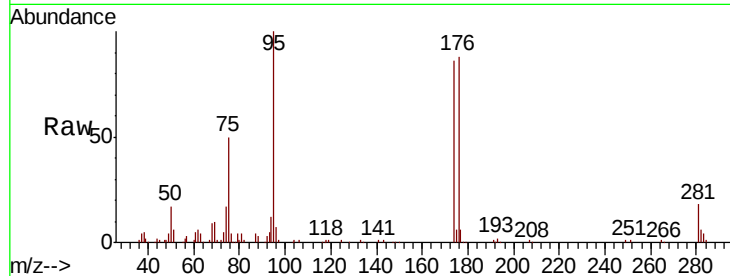




#62
4-Bromofluorobenzene
Concen: 12.946 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

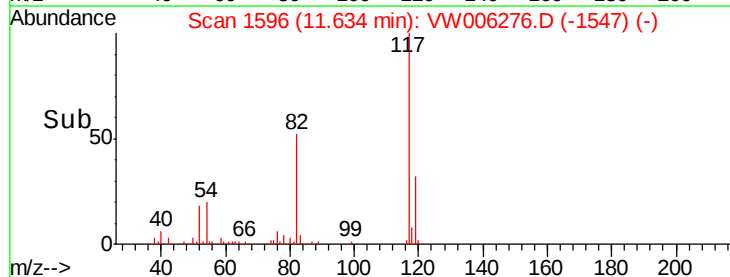
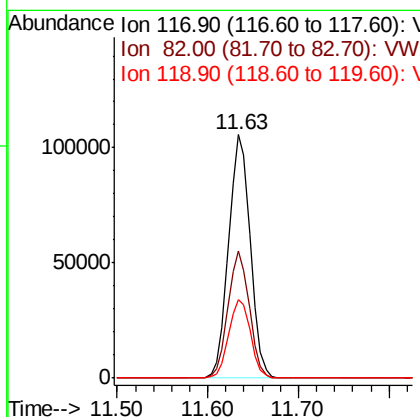
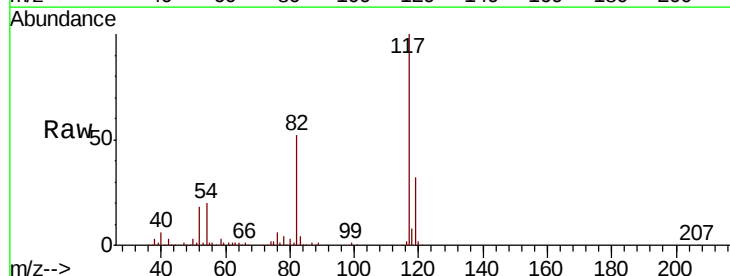
Instrument :
MSVOA_W
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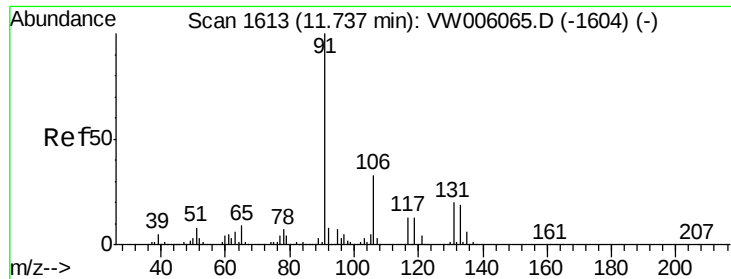
Tot Ion	95	Resp	33556
Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	186.0
176	91.4	0.0	181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

Tgt Ion	117	Resp	174833
Ion	Ratio	Lower	Upper
117	100		
82	52.0	42.1	63.1
119	32.1	25.8	38.6

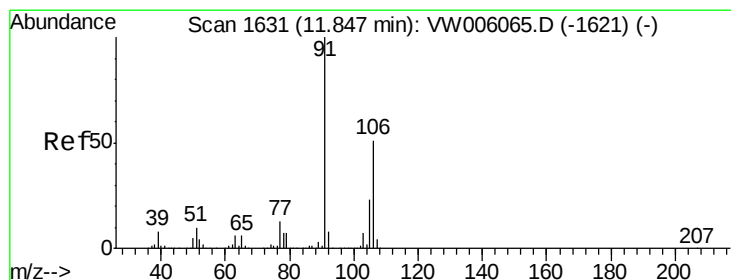
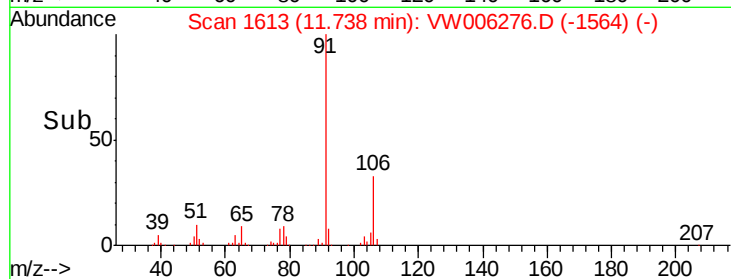
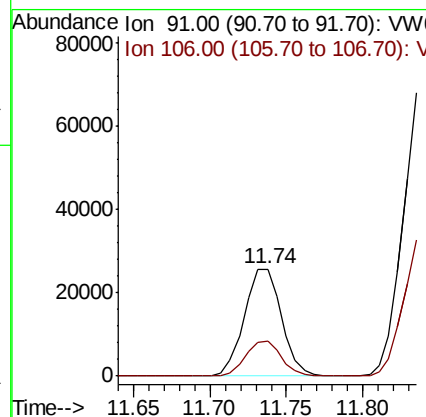
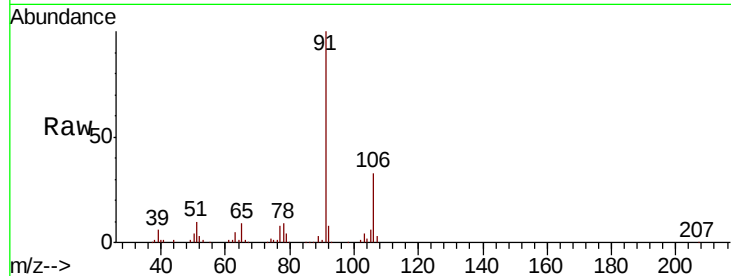




#67
Ethyl Benzene
Concen: 6.691 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

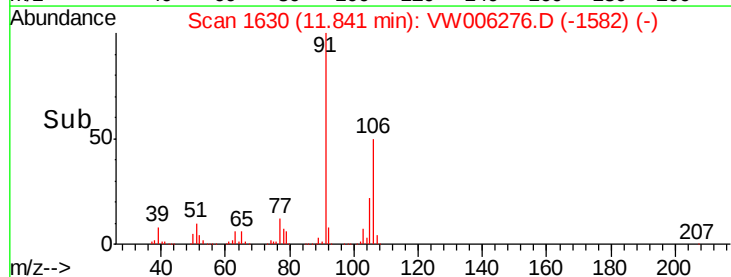
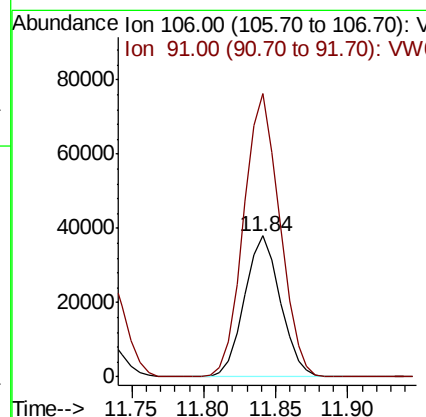
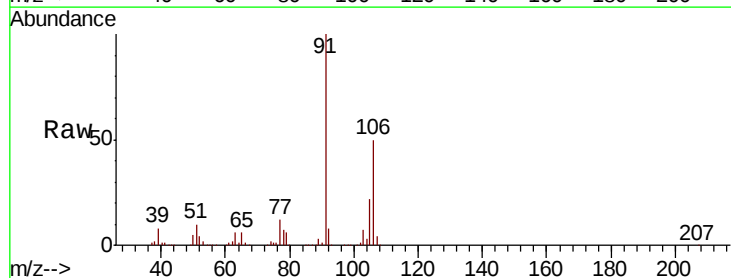
Instrument :
MSVOA_W
ClientSampled :
DW-08

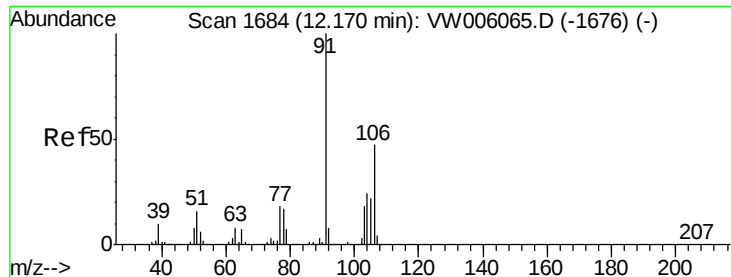
Tot Ion: 91 Resp: 43400
Ion Ratio Lower Upper
91 100
106 33.1 26.1 39.1



#68
m/p-Xylenes
Concen: 25.619 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

Tgt Ion: 106 Resp: 65678
Ion Ratio Lower Upper
106 100
91 202.1 159.1 238.7

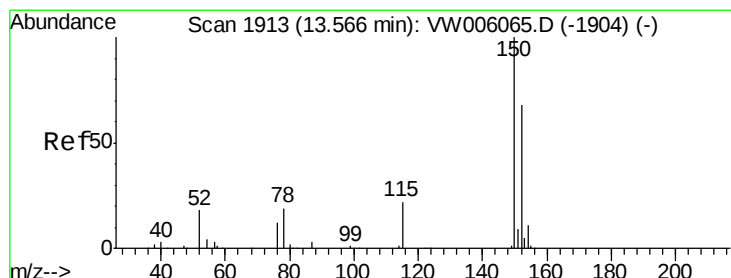
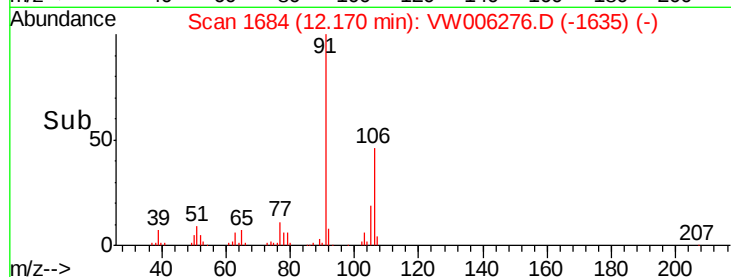
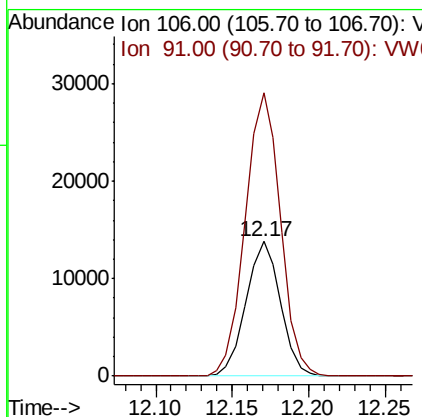
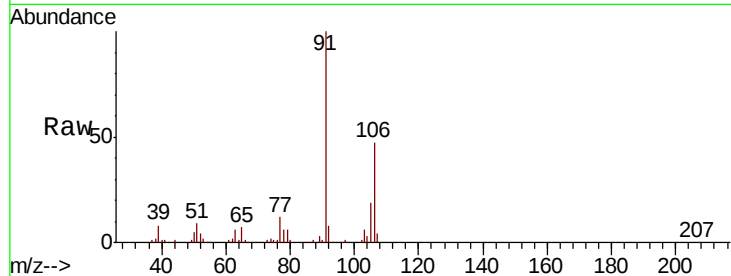




#69
o-Xylene
Concen: 8.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

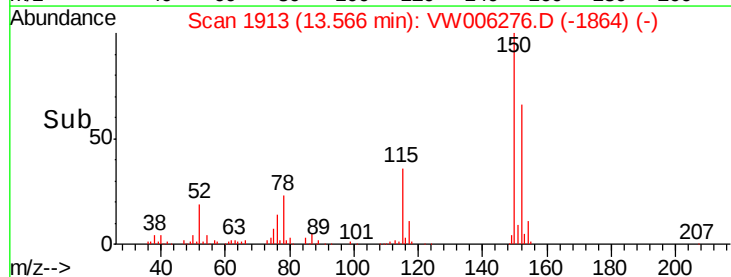
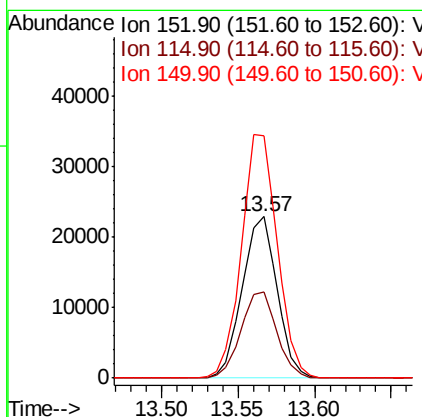
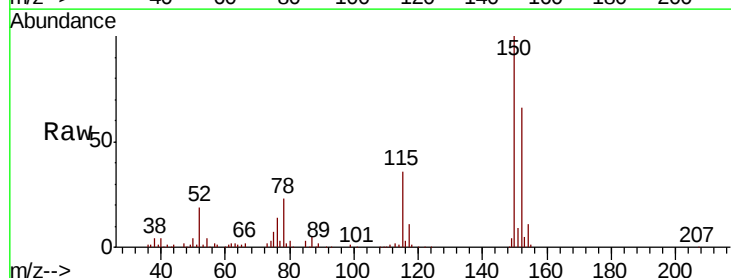
Instrument :
MSVOA_W
ClientSampleId :
DW-08

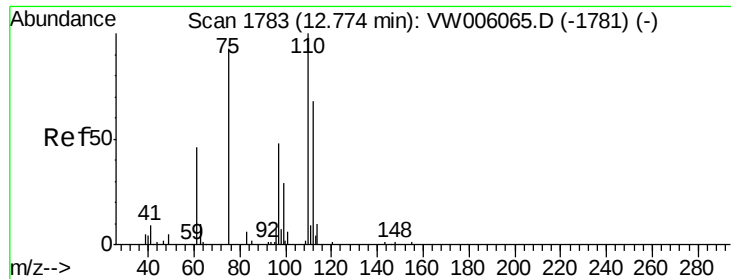
Tot Ion:106 Resp: 21660
Ion Ratio Lower Upper
106 100
91 215.3 105.4 316.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006276.D
Acq: 23 Oct 2018 04:03

Tgt Ion:152 Resp: 36375
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 154.7 0.0 349.2

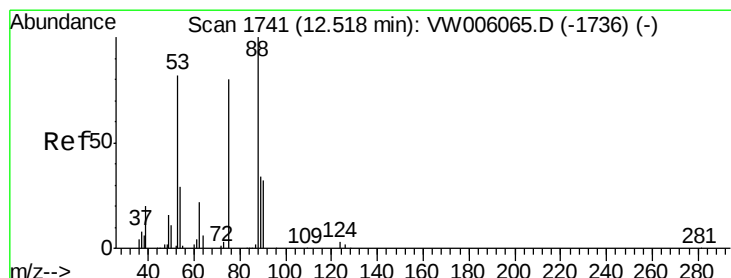
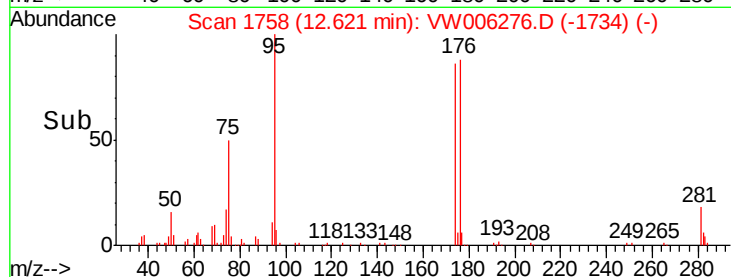
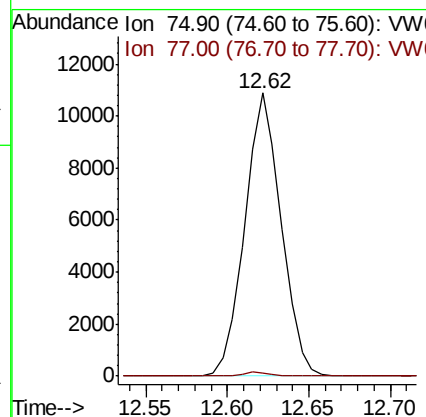
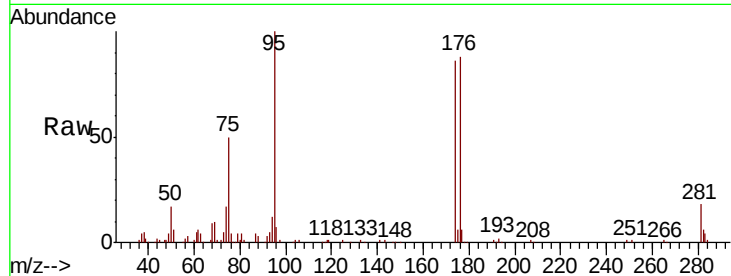




#76
 1,2,3-Trichloropropane
 Concen: 60.752 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006276.D
 Acq: 23 Oct 2018 04:03

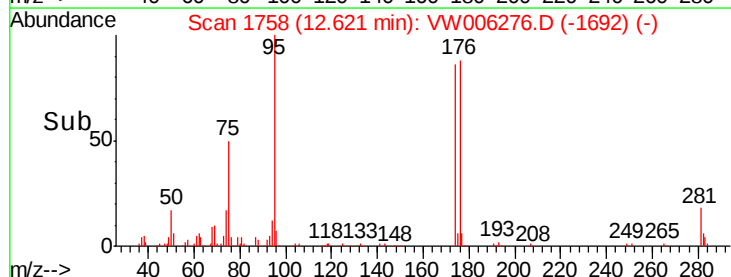
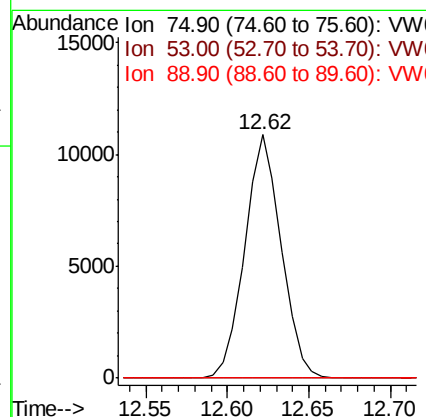
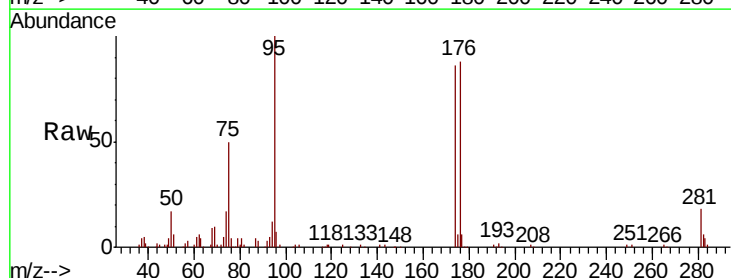
Instrument :
 MSVOA_W
 ClientSampled :
 DW-08

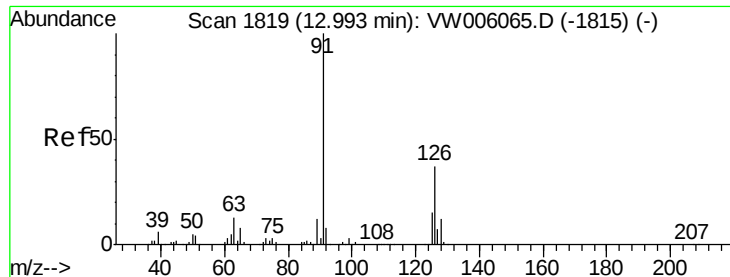
Tot Ion: 75 Resp: 16879
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 145.222 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006276.D
 Acq: 23 Oct 2018 04:03

Tgt Ion: 75 Resp: 16879
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.0 37.5 56.3#





#82

4-Chlorotoluene

Concen: 2.095 ug/l

RT: 13.03 min Scan# 1825

Delta R.T. 0.04 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

Instrument :

MSVOA_W

ClientSampleId :

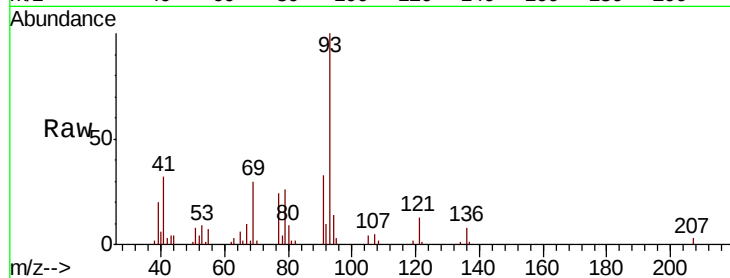
DW-08

Tot Ion: 91 Resp: 3686

Ion Ratio Lower Upper

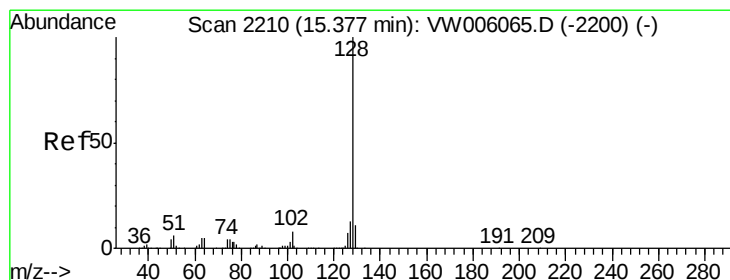
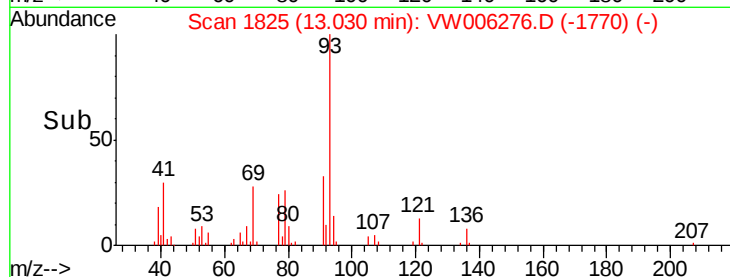
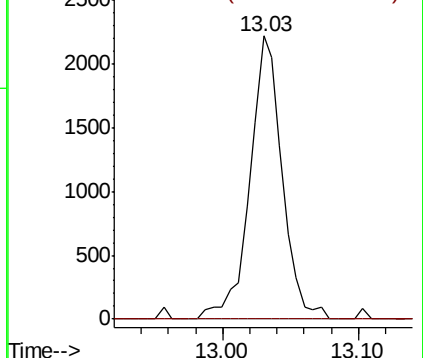
91 100

126 0.0 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#95

Naphthalene

Concen: 2.442 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006276.D

Acq: 23 Oct 2018 04:03

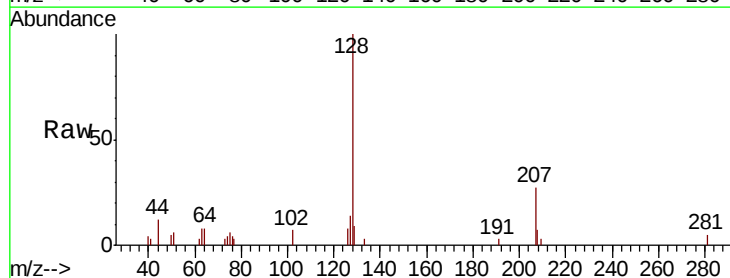
Tgt Ion:128 Resp: 3493

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 9.2 8.7 13.1



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

