

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006475.D
 Acq On : 30 Oct 2018 02:18
 Operator : SY/AP
 Sample : J5625-04RE
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DW-02RE

Quant Time: Oct 30 05:40:56 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	195040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	273028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	60023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	93021	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
35) Dibromofluoromethane	7.89	113	95420	59.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.30%	
50) Toluene-d8	10.33	98	293516	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.62	95	71069	30.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.66%	

Target Compounds

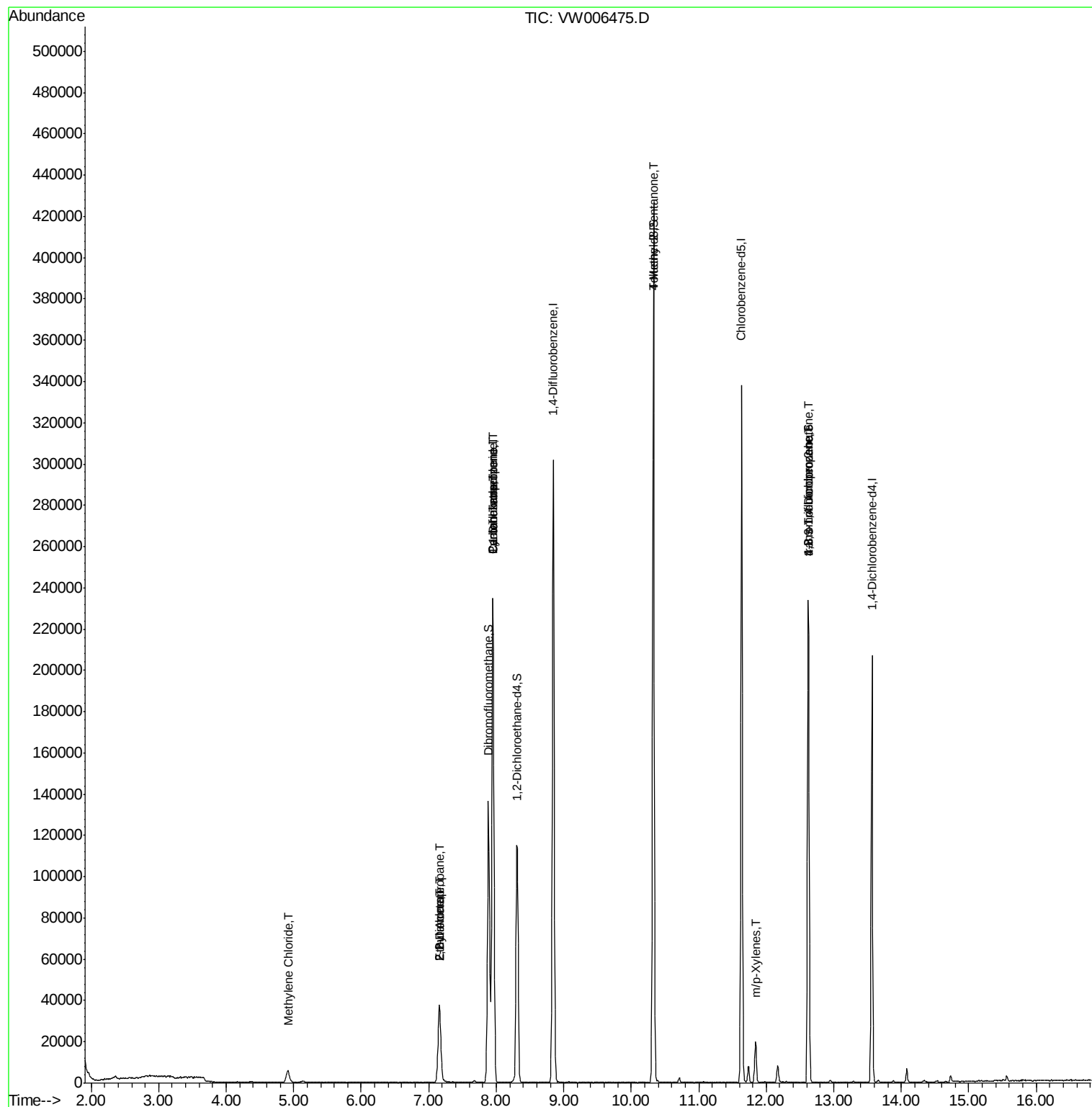
					Qvalue	
16) Acetone	4.17	43	587	Below Cal	#	45
20) Methylene Chloride	4.91	84	5196	1.457	ug/l #	89
25) 2-Butanone	7.17	43	1991	4.558	ug/l #	46
26) 2,2-Dichloropropane	7.16	77	2764	1.319	ug/l #	51
31) Cyclohexane	7.95	56	3368	1.138	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	12527	4.978	ug/l #	48
37) Ethyl Acetate	7.17	43	1991	2.129	ug/l #	1
38) Carbon Tetrachloride	7.95	117	16791	6.086	ug/l #	16
51) 4-Methyl-2-Pentanone	10.32	43	1208	1.261	ug/l #	1
68) m/p-Xylenes	11.84	106	6174	2.153	ug/l	100
76) 1,2,3-Trichloropropane	12.62	75	35201	76.781	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	35201	183.538	ug/l #	10

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

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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: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampleId :

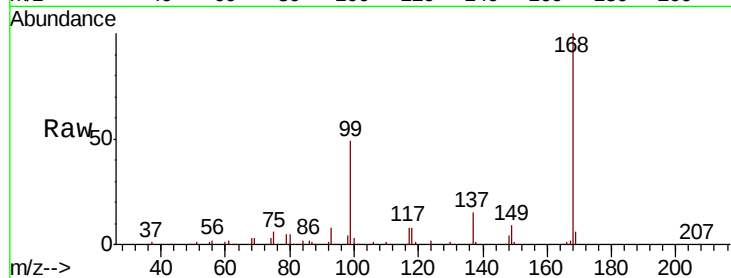
DW-02RE

Tot Ion:168 Resp: 195040

Ion Ratio Lower Upper

168 100

99 48.8 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

80000

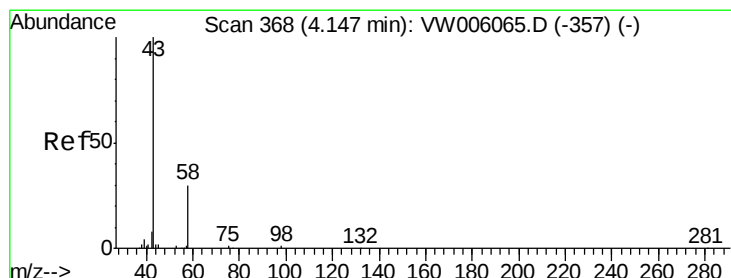
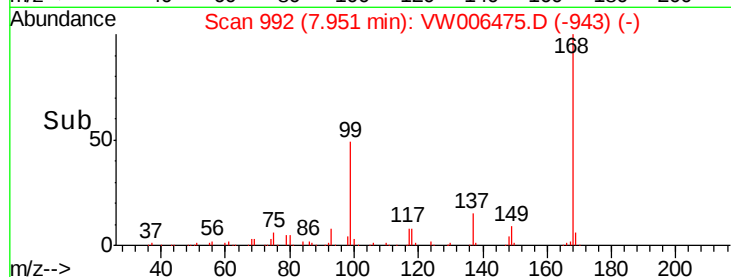
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: Below Cal

RT: 4.17 min Scan# 371

Delta R.T. 0.02 min

Lab File: VW006475.D

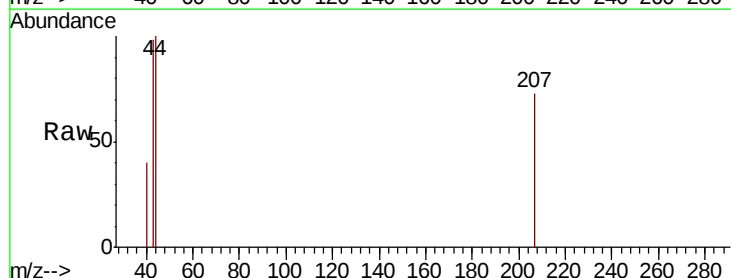
Acq: 30 Oct 2018 02:18

Tgt Ion: 43 Resp: 587

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.17

250

200

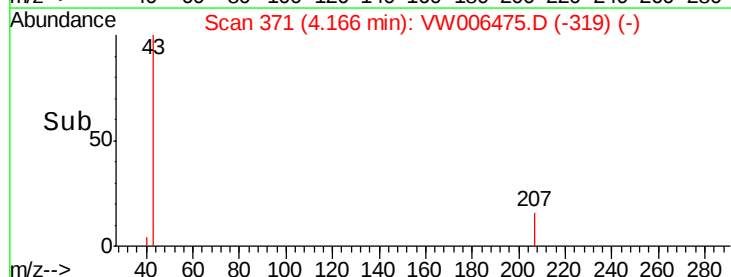
150

100

50

0

Time--> 4.10 4.15 4.20

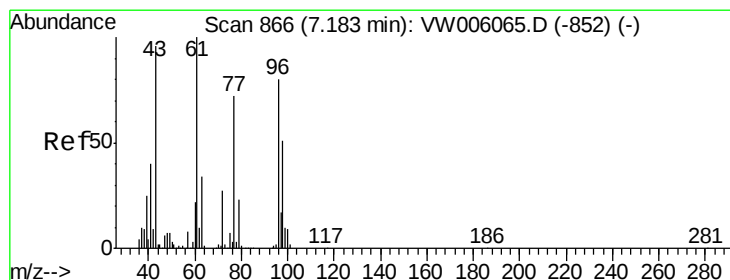
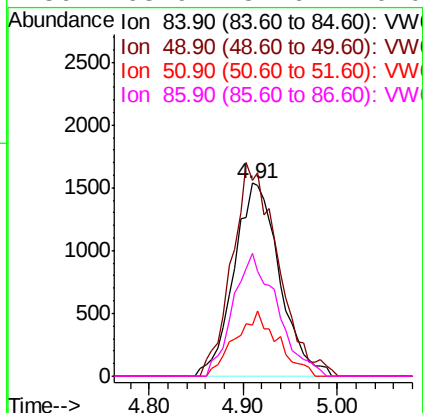
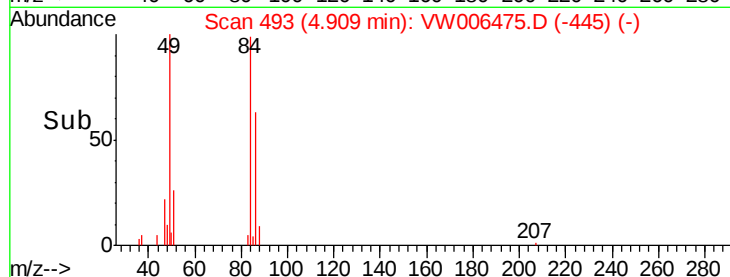
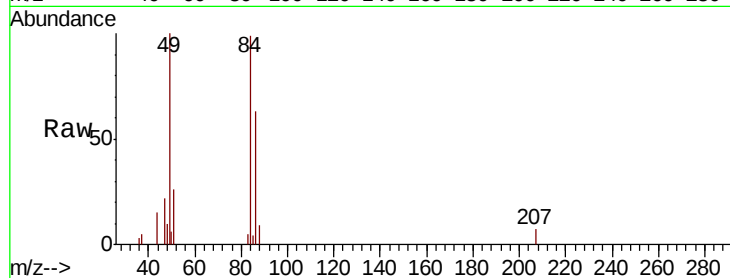




#20
Methvlene Chloride
Concen: 1.457 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

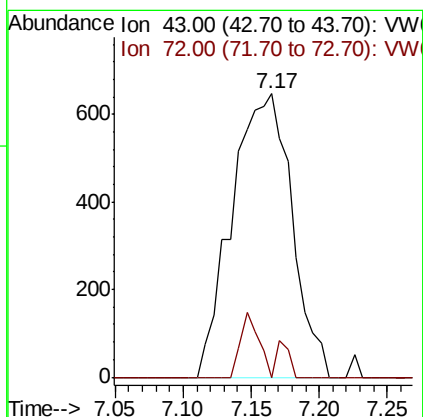
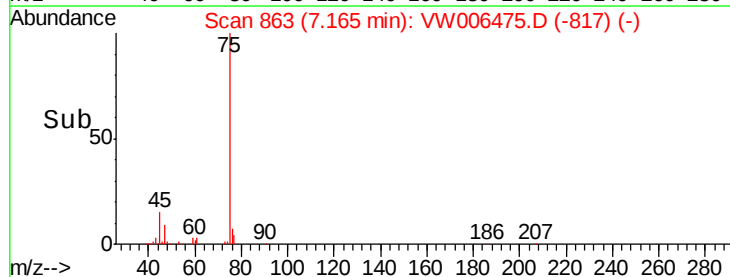
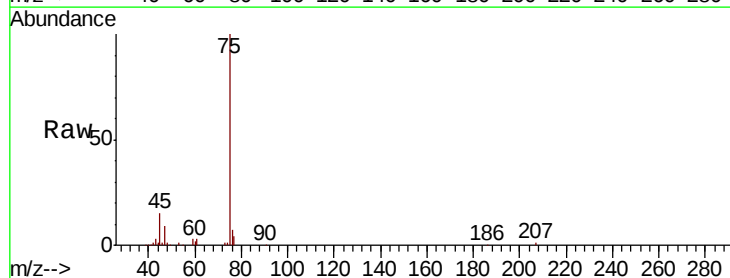
Instrument :
MSVOA_W
ClientSampleId :
DW-02RE

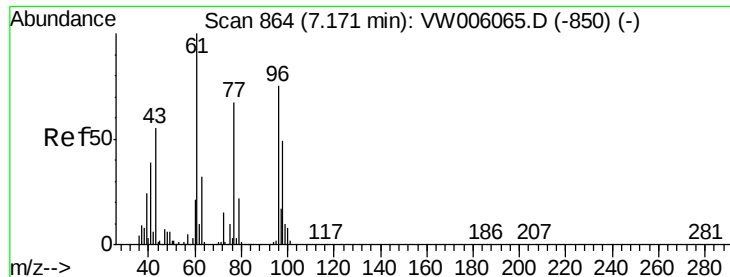
Tot Ion: 84 Resp: 5196
Ion Ratio Lower Upper
84 100
49 101.3 93.6 140.4
51 26.7 29.0 43.4#
86 63.9 52.6 79.0



#25
2-Butanone
Concen: 4.558 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.02 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

Tgt Ion: 43 Resp: 1991
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#





#26

2,2-Dichloropropane

Concen: 1.319 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampled :

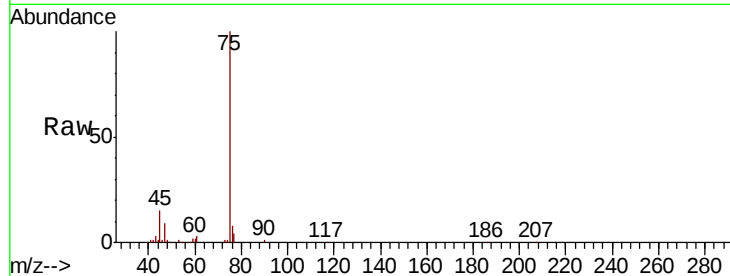
DW-02RE

Tot Ion: 77 Resp: 2764

Ion Ratio Lower Upper

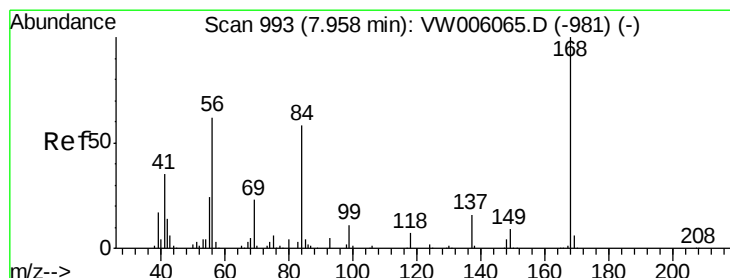
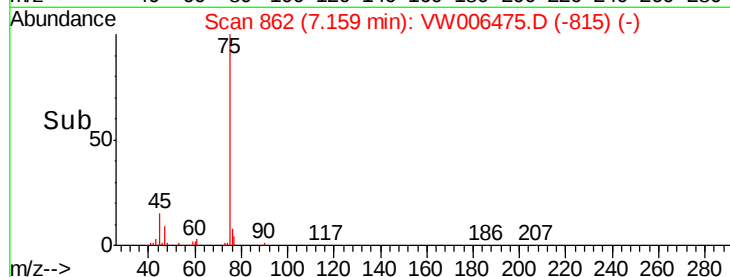
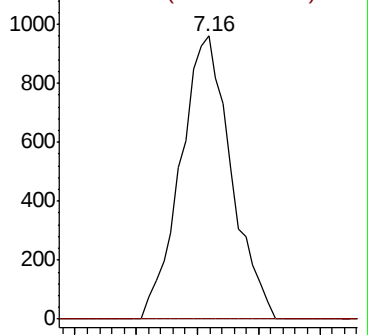
77 100

97 0.0 12.2 36.4#



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

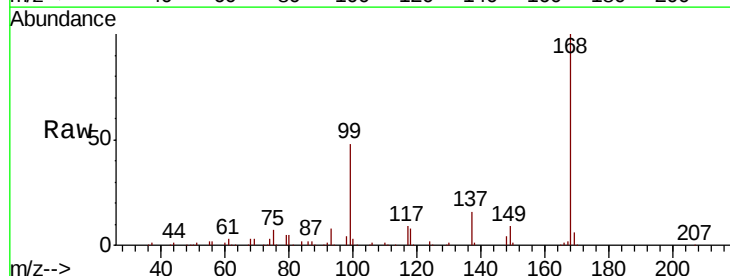
Tgt Ion: 56 Resp: 3368

Ion Ratio Lower Upper

56 100

69 152.1 29.4 44.0#

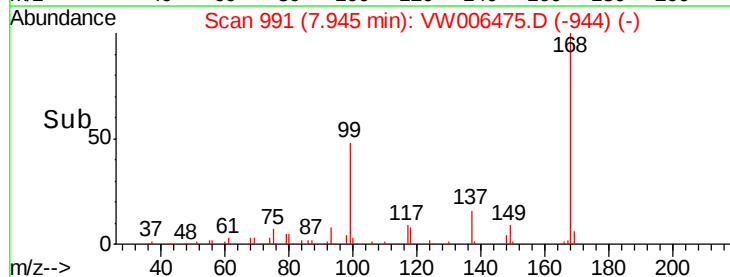
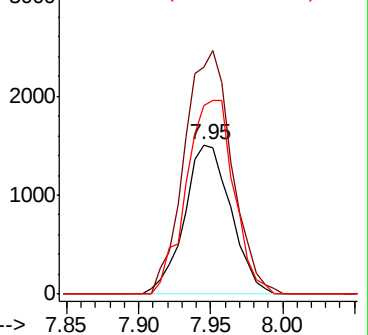
84 126.8 74.0 111.0#

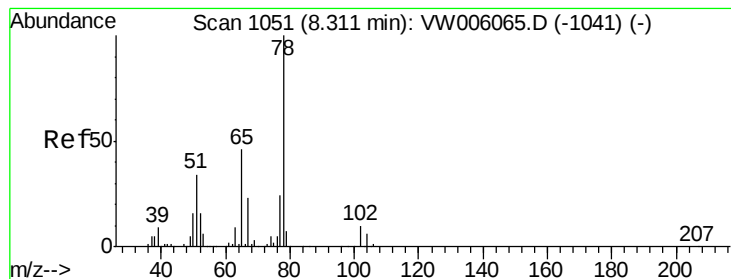


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.527 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampleId :

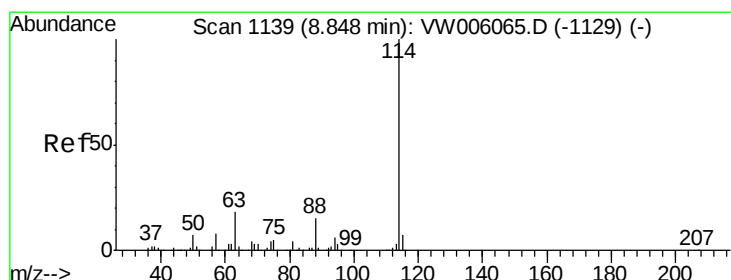
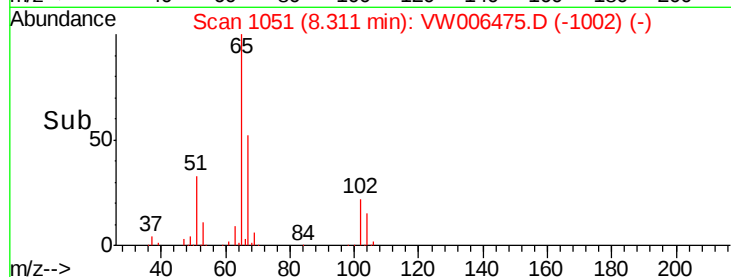
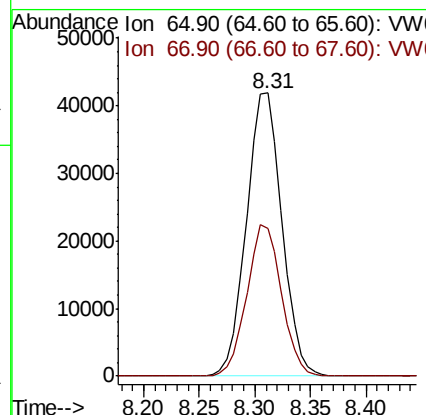
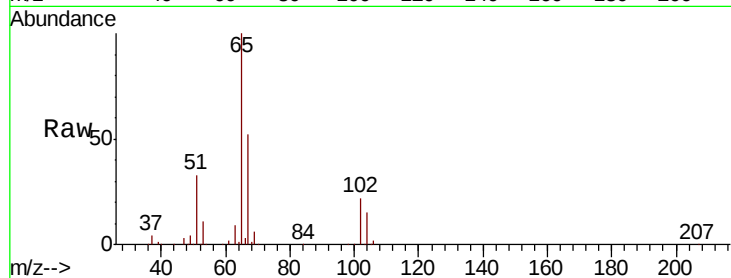
DW-02RE

Tot Ion: 65 Resp: 93021

Ion Ratio Lower Upper

65 100

67 52.4 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: VW006475.D

Acq: 30 Oct 2018 02:18

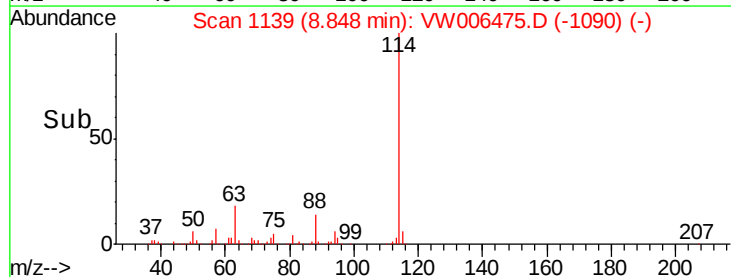
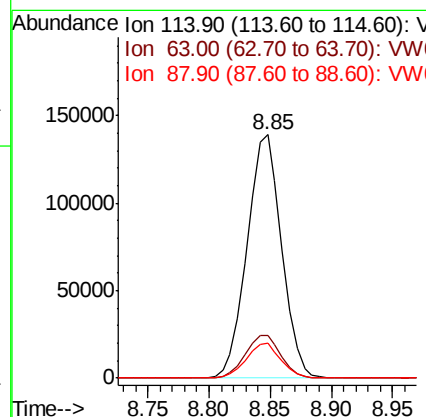
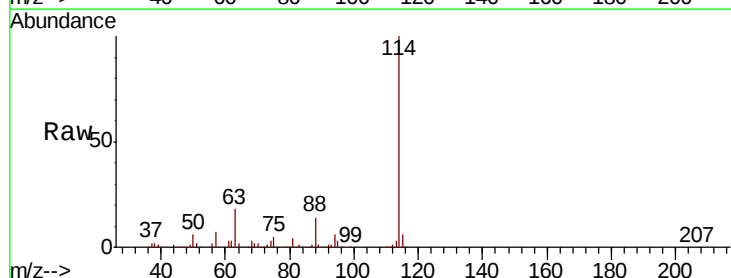
Tgt Ion: 114 Resp: 273028

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 14.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 59.146 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampled :

DW-02RE

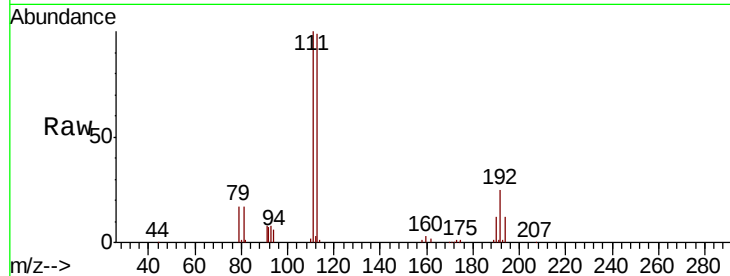
Tot Ion:113 Resp: 95420

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

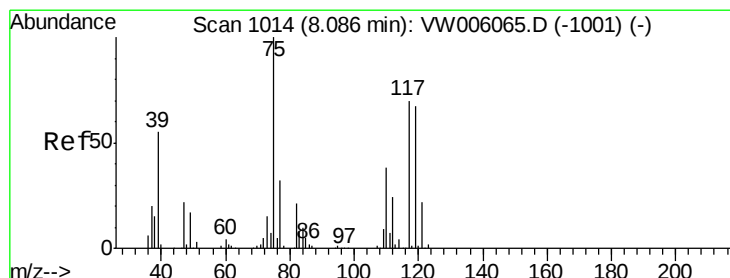
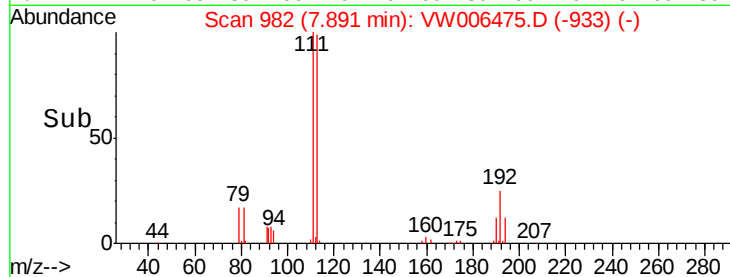
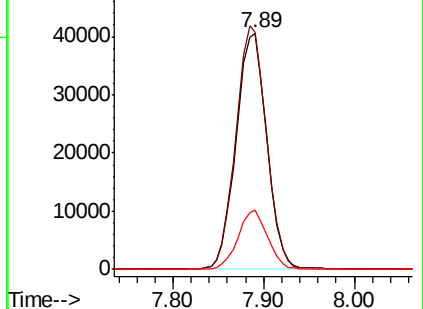
192 24.1 18.7 28.1



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: 4.978 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

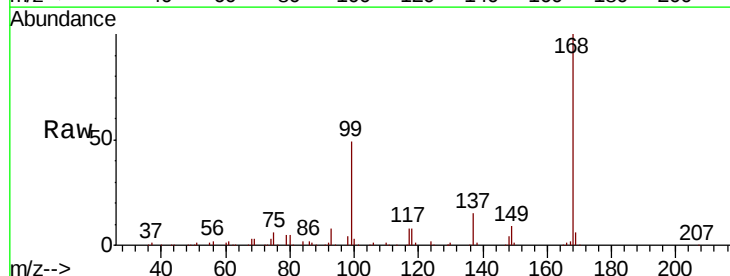
Tgt Ion: 75 Resp: 12527

Ion Ratio Lower Upper

75 100

110 9.2 19.1 57.1#

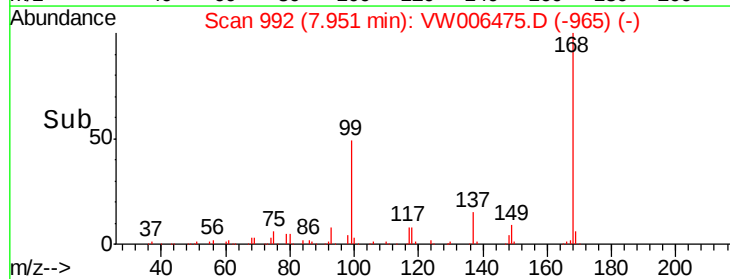
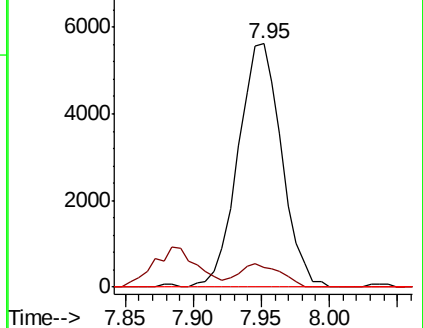
77 0.0 25.0 37.4#

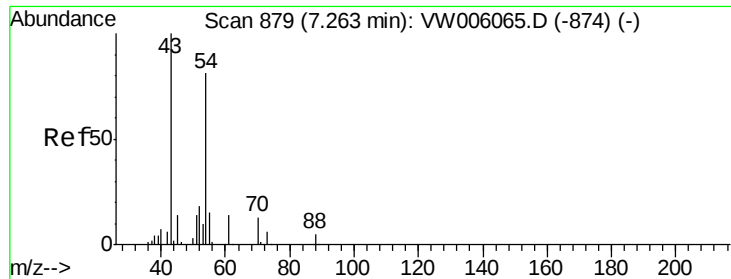


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 2.129 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.10 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampleId :

DW-02RE

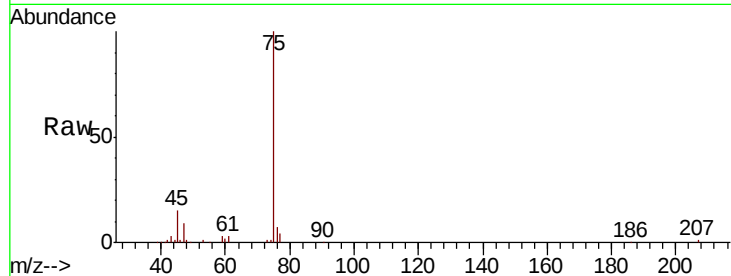
Tot Ion: 43 Resp: 1991

Ion Ratio Lower Upper

43 100

61 87.2 11.5 17.3#

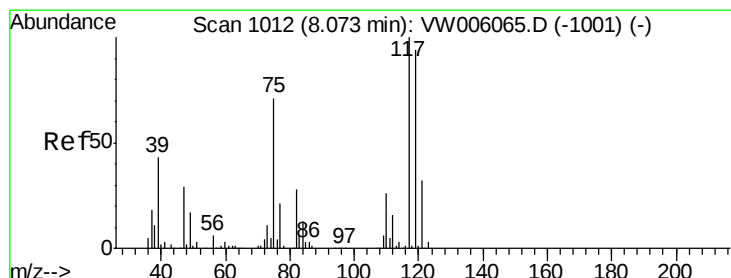
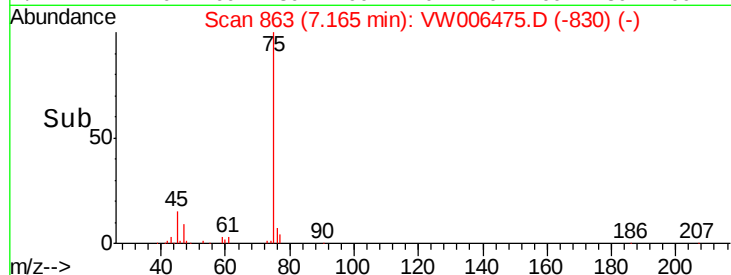
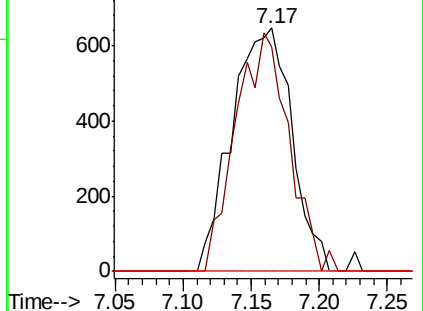
70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.086 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

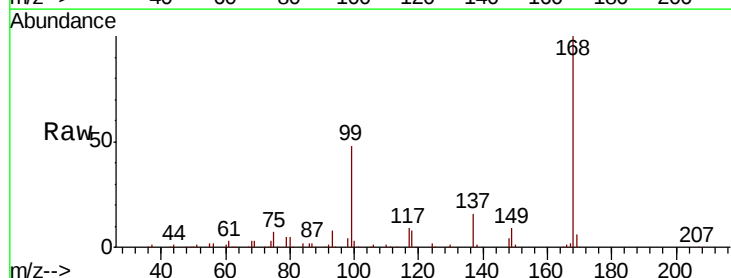
Tgt Ion: 117 Resp: 16791

Ion Ratio Lower Upper

117 100

119 4.3 75.2 112.8#

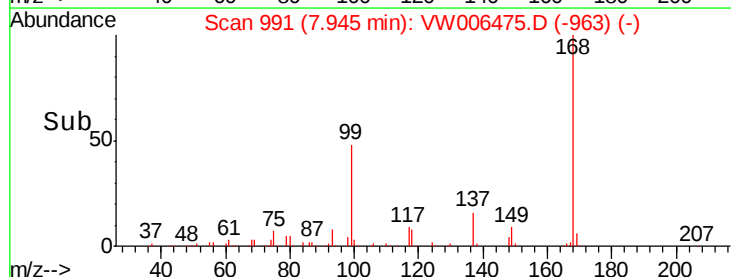
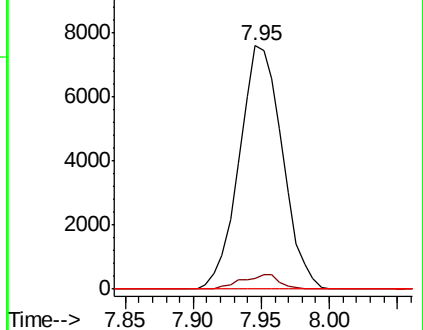
121 0.0 25.3 37.9#

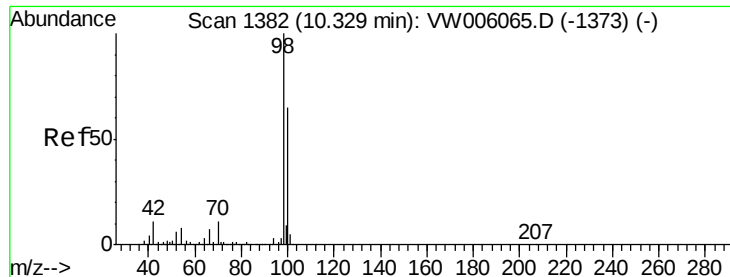


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 47.821 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampleId :

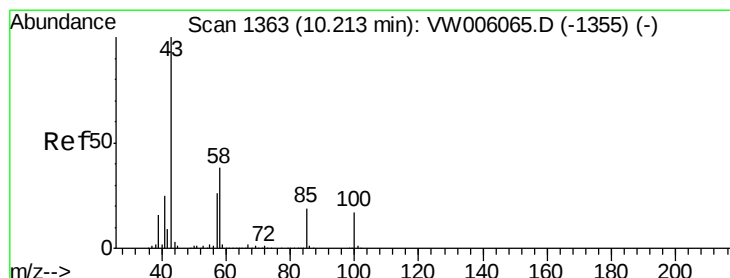
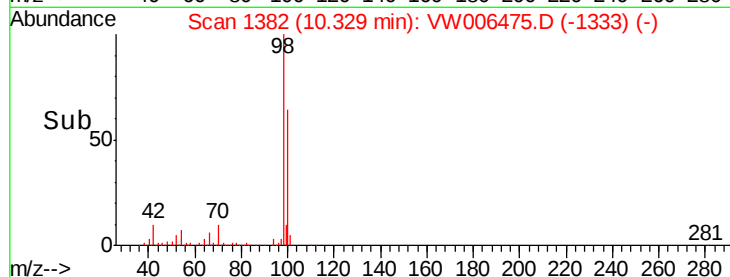
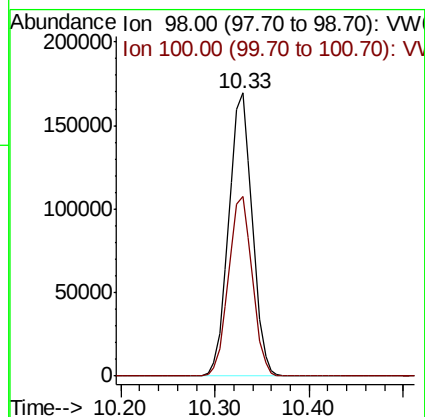
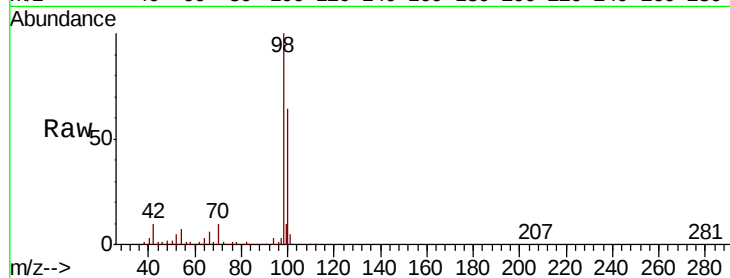
DW-02RE

Tot Ion: 98 Resp: 293516

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 1.261 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.11 min

Lab File: VW006475.D

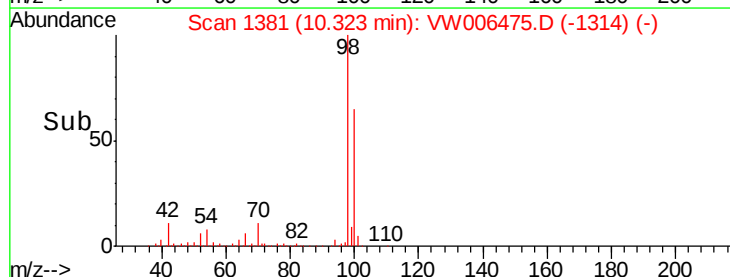
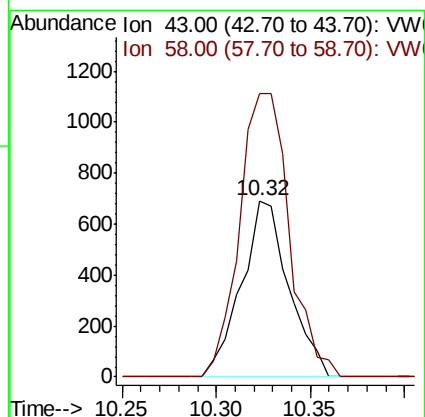
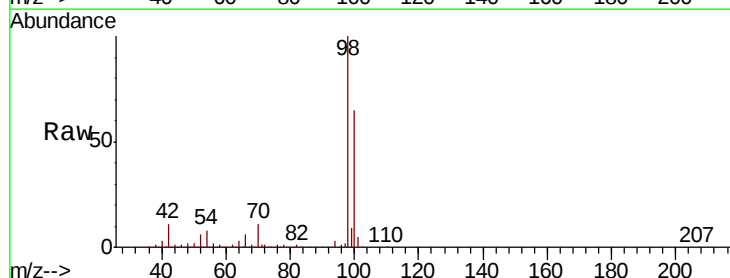
Acq: 30 Oct 2018 02:18

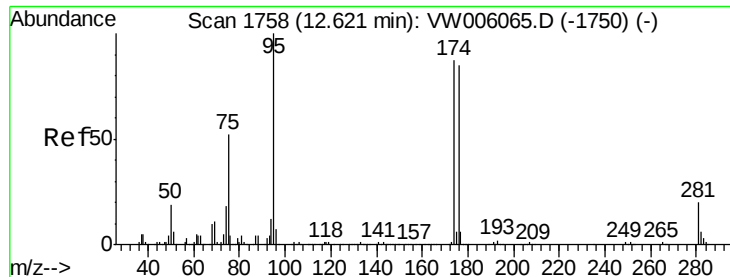
Tgt Ion: 43 Resp: 1208

Ion Ratio Lower Upper

43 100

58 168.8 31.5 47.3#

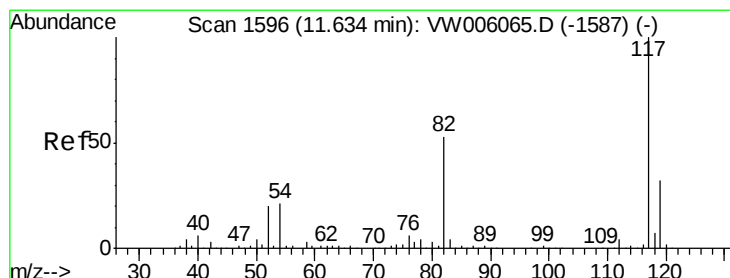
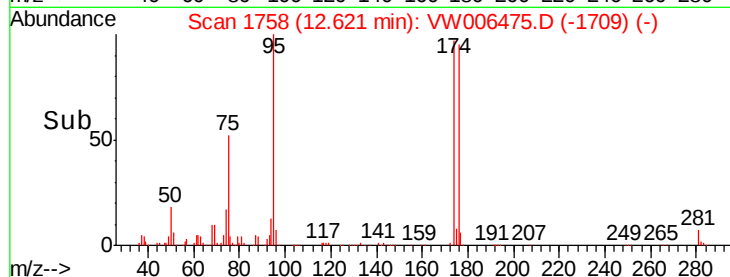
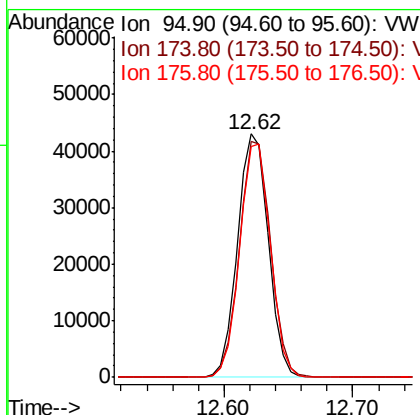
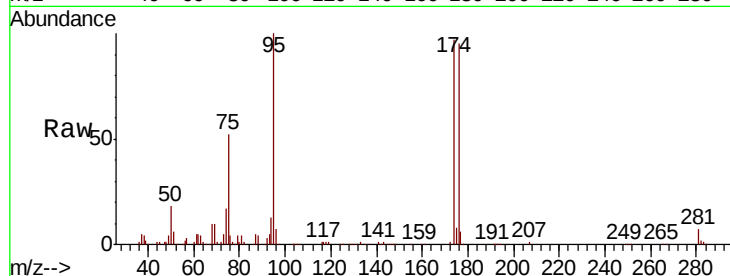




#62
4-Bromofluorobenzene
Concen: 30.829 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

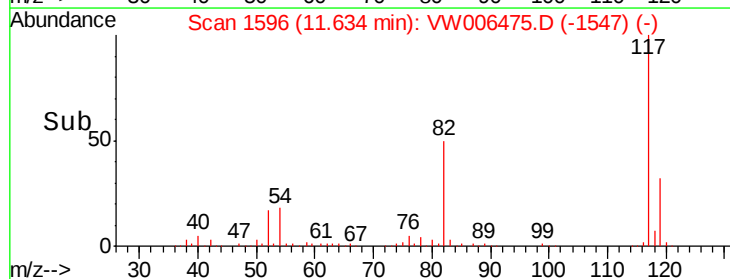
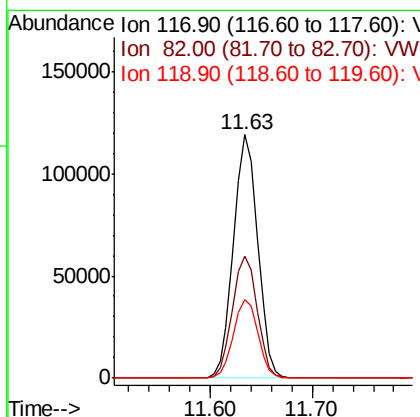
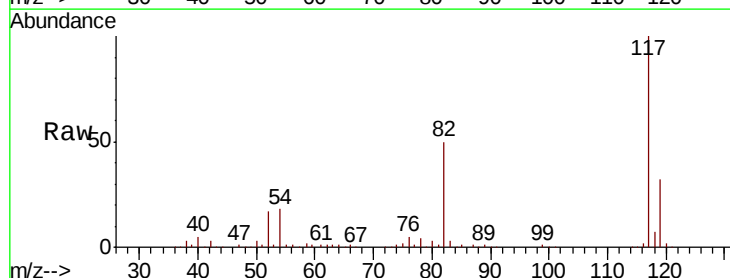
Instrument :
MSVOA_W
ClientSampleId :
DW-02RE

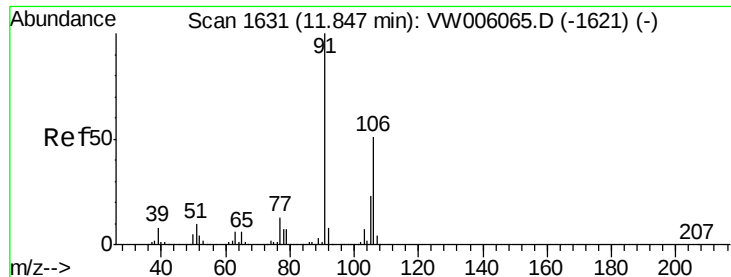
Tot Ion: 95 Resp: 71069
Ion Ratio Lower Upper
95 100
174 97.7 0.0 186.0
176 95.5 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

Tgt Ion: 117 Resp: 195550
Ion Ratio Lower Upper
117 100
82 50.2 42.1 63.1
119 32.5 25.8 38.6

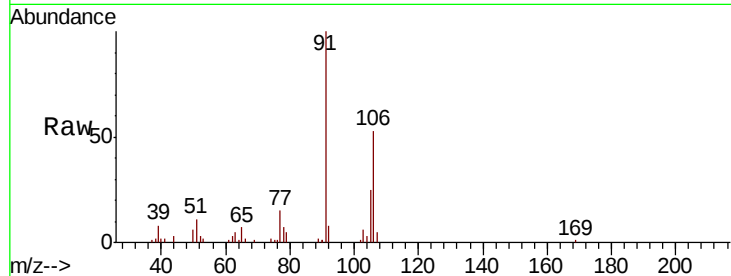




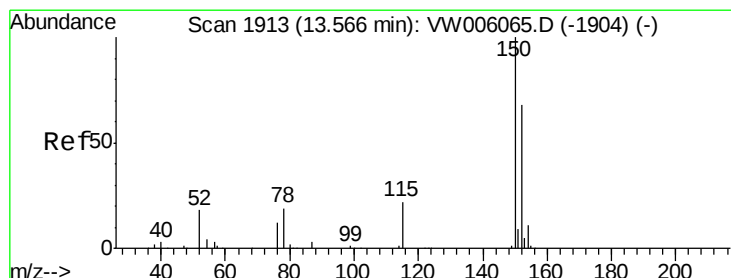
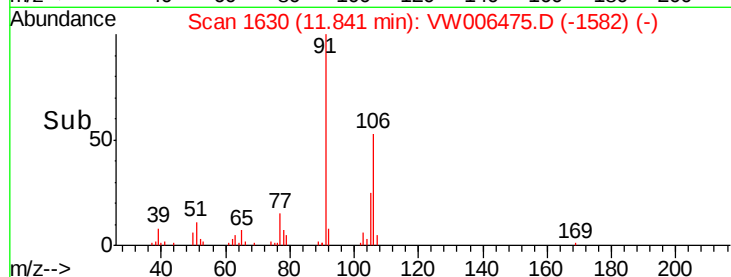
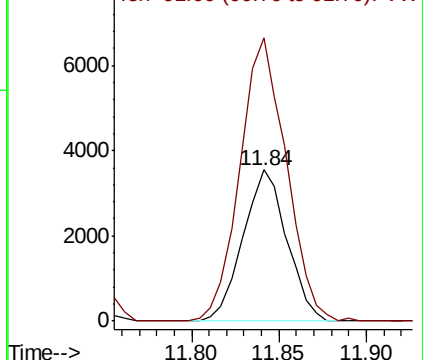
#68
m/p-Xvlenes
Concen: 2.153 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

Instrument :
MSVOA_W
ClientSampleId :
DW-02RE

Tot Ion:106 Resp: 6174
Ion Ratio Lower Upper
106 100
91 198.2 159.1 238.7

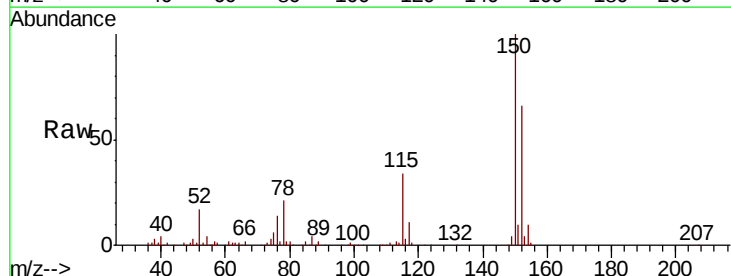


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

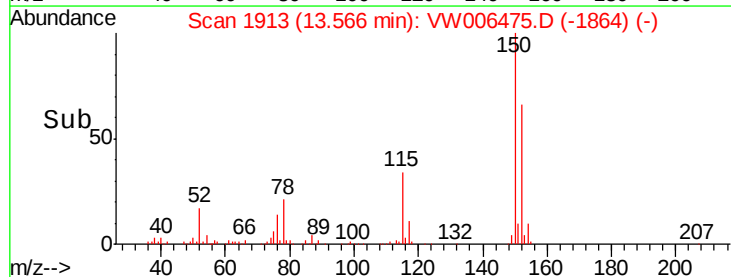
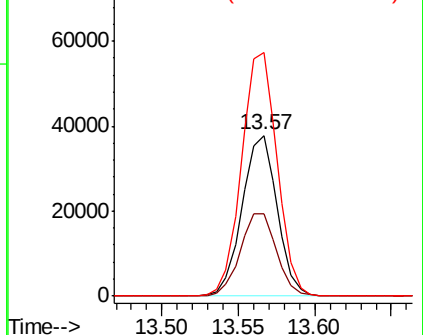


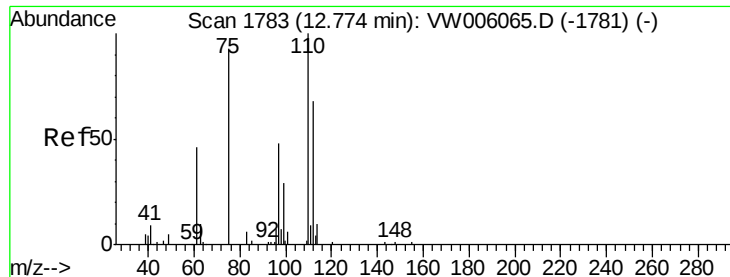
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006475.D
Acq: 30 Oct 2018 02:18

Tgt Ion:152 Resp: 60023
Ion Ratio Lower Upper
152 100
115 53.1 27.8 83.3
150 154.2 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





#76

1,2,3-Trichloropropane

Concen: 76.781 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

Instrument :

MSVOA_W

ClientSampleId :

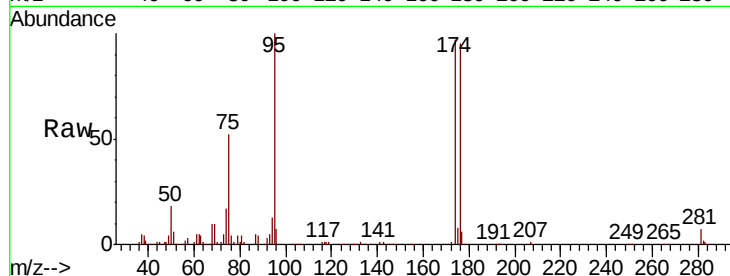
DW-02RE

Tot Ion: 75 Resp: 35201

Ion Ratio Lower Upper

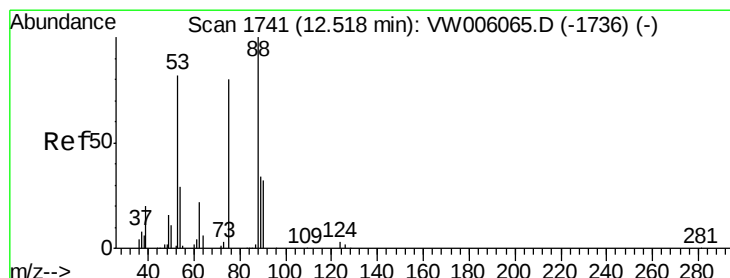
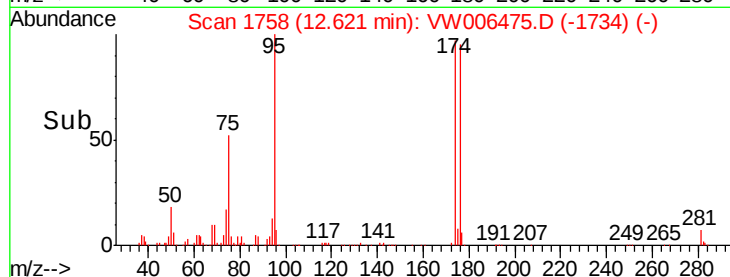
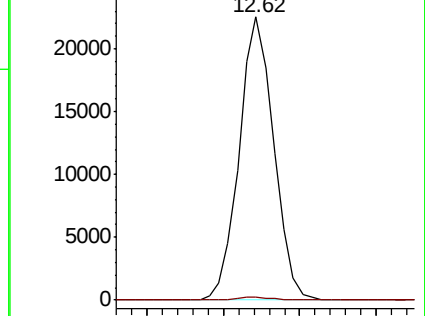
75 100

77 1.1 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: 183.538 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006475.D

Acq: 30 Oct 2018 02:18

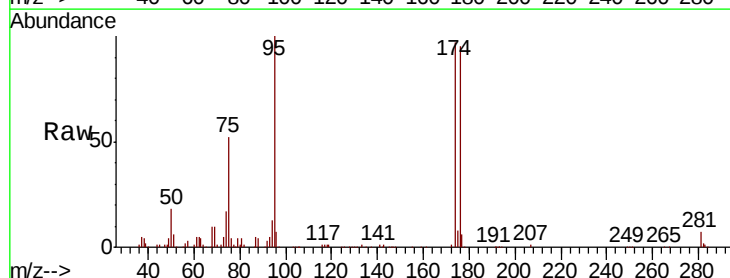
Tgt Ion: 75 Resp: 35201

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#



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

