

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006510.D
 Acq On : 30 Oct 2018 18:53
 Operator : SY/AP
 Sample : J5649-03
 Misc : 4.94G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-02A

Quant Time: Oct 31 03:50:17 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

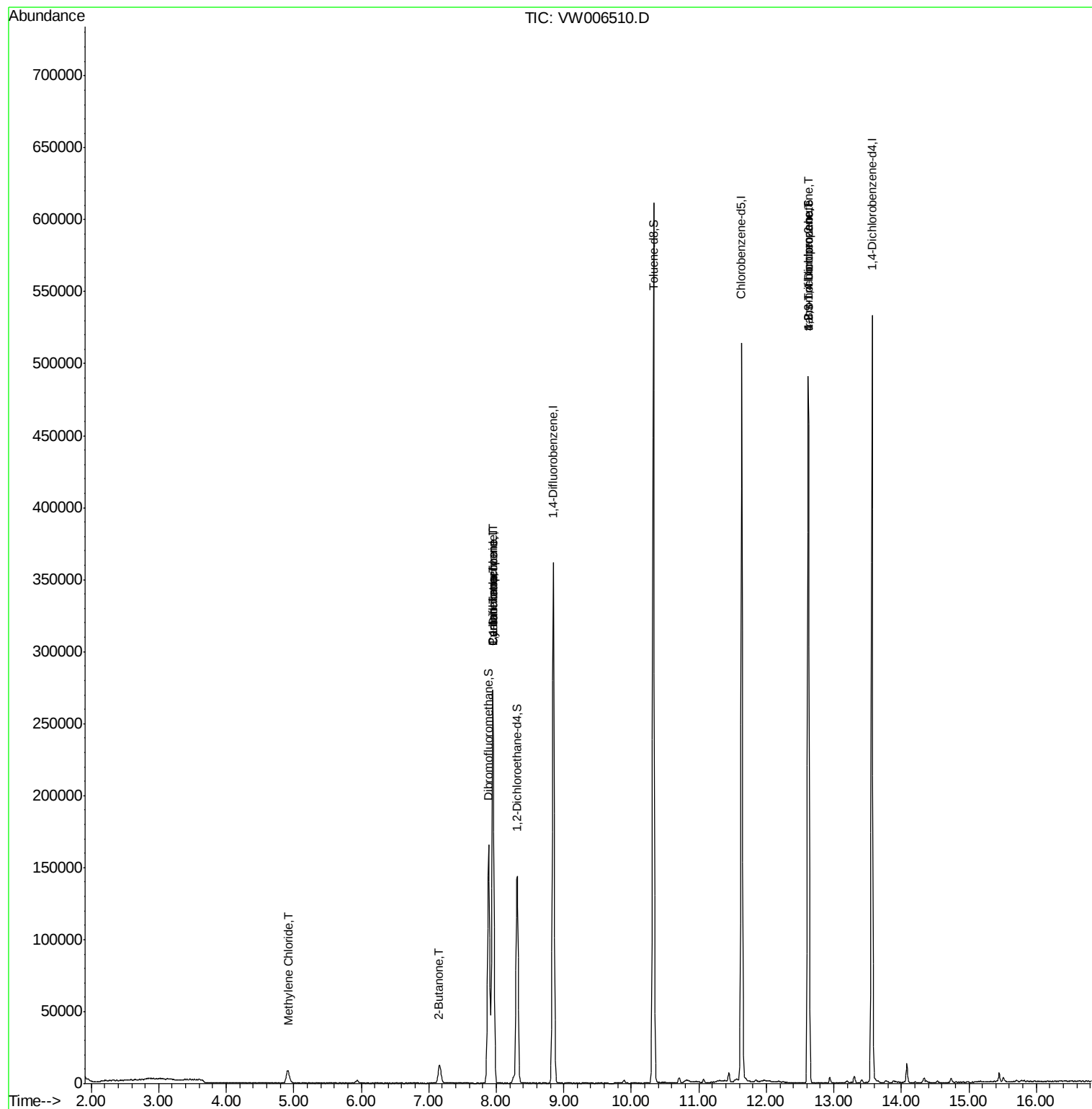
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	221840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	328214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	298300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152841	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	116702	63.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.90%	
35) Dibromofluoromethane	7.88	113	116413	60.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.06%	
50) Toluene-d8	10.33	98	428322	58.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.10%	
62) 4-Bromofluorobenzene	12.62	95	145764	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	750	Below Cal	#	45
20) Methylene Chloride	4.92	84	8049	2.593	ug/l	92
25) 2-Butanone	7.15	43	873	1.757	ug/l #	46
31) Cyclohexane	7.95	56	3595	1.068	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	13845	4.577	ug/l #	48
38) Carbon Tetrachloride	7.95	117	19391	5.847	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	73774	63.195	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	73774	151.061	ug/l #	10

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

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Quant Time: Oct 31 03:50:17 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: VW006510.D

Acq: 30 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

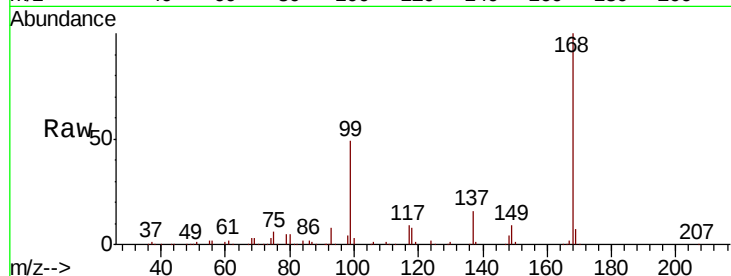
DL-02A

Tot Ion:168 Resp: 221840

Ion Ratio Lower Upper

168 100

99 48.7 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

100000

80000

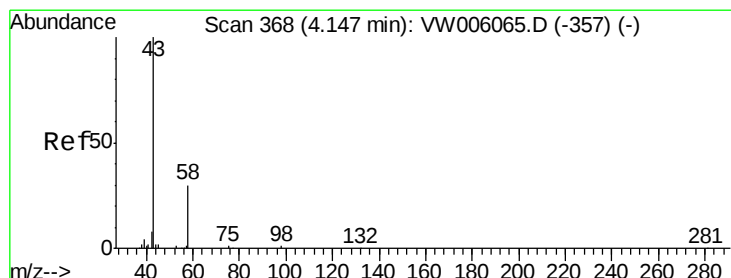
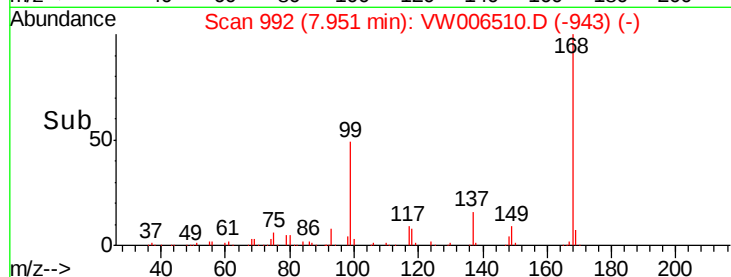
60000

40000

20000

0

Time-->



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006510.D

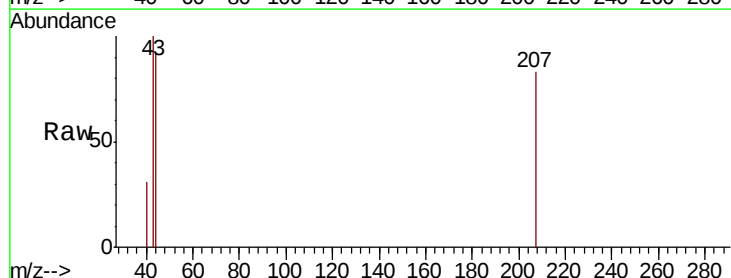
Acq: 30 Oct 2018 18:53

Tgt Ion: 43 Resp: 750

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

4.14

300

250

200

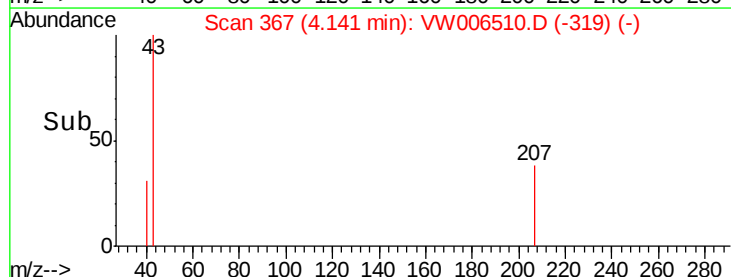
150

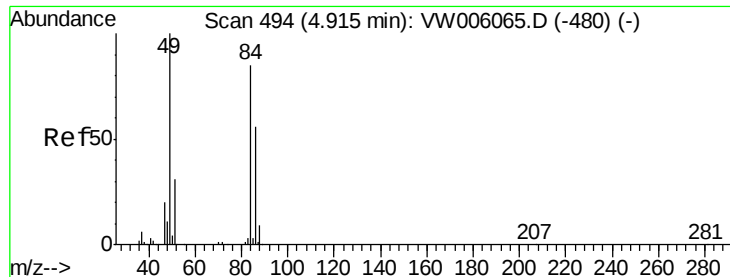
100

50

0

Time-->

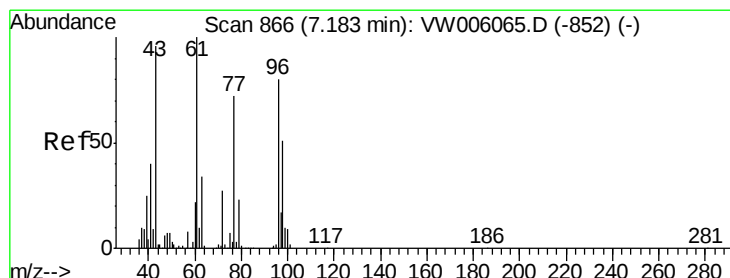
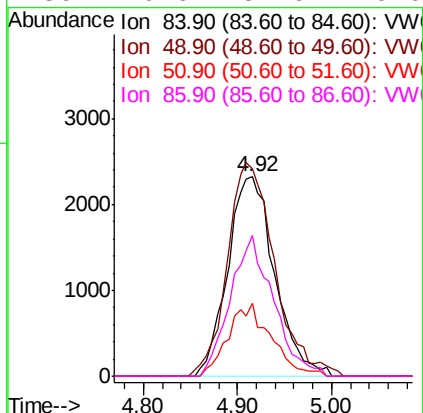
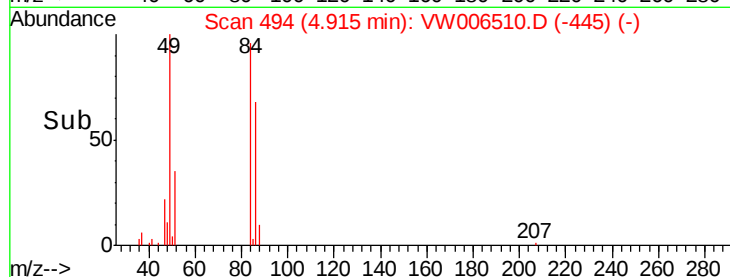
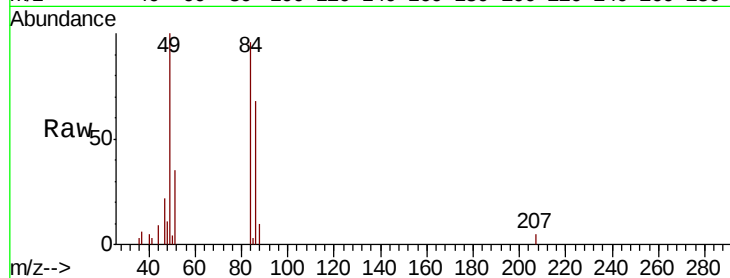




#20
Methvlene Chloride
Concen: 2.593 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

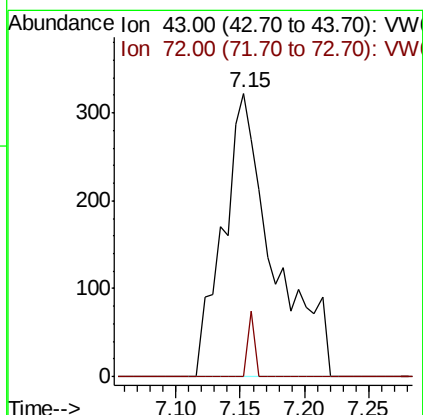
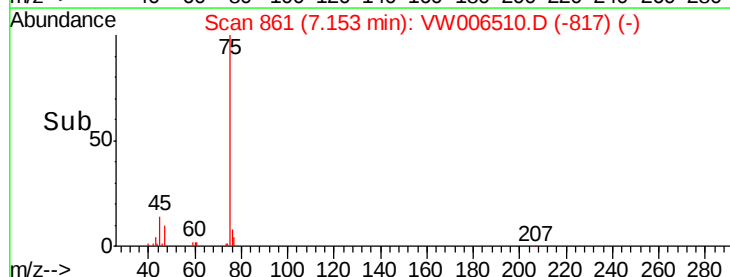
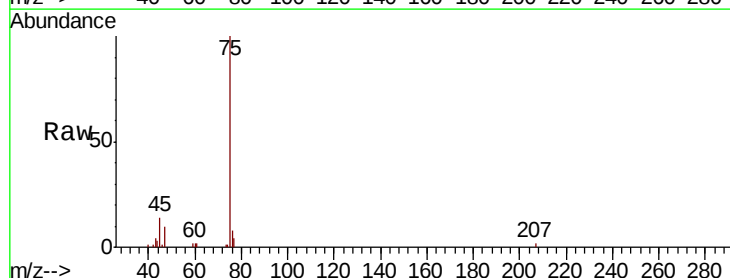
Instrument :
MSVOA_W
ClientSampled :
DL-02A

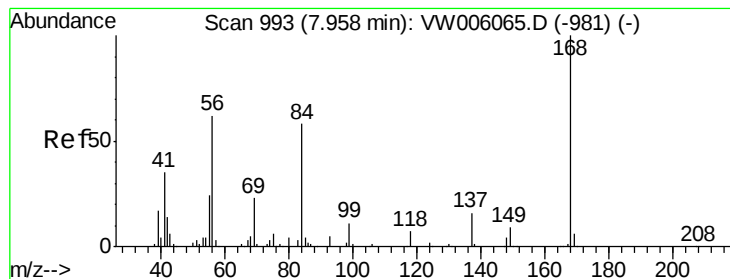
Tot Ion:	84	Resp:	8049
Ion	Ratio	Lower	Upper
84	100		
49	104.2	93.6	140.4
51	36.5	29.0	43.4
86	70.6	52.6	79.0



#25
2-Butanone
Concen: 1.757 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

Tgt Ion:	43	Resp:	873
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#





#31

Cyclohexane

Concen: 1.068 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006510.D

Acq: 30 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampled :

DL-02A

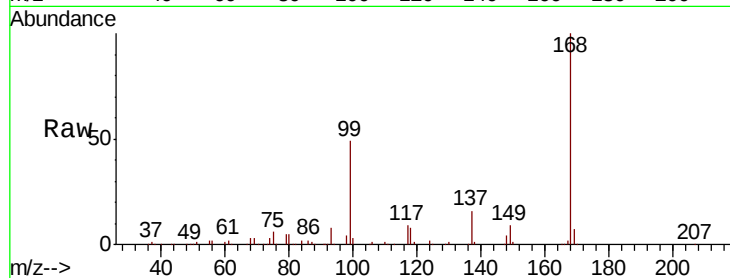
Tot Ion: 56 Resp: 3595

Ion Ratio Lower Upper

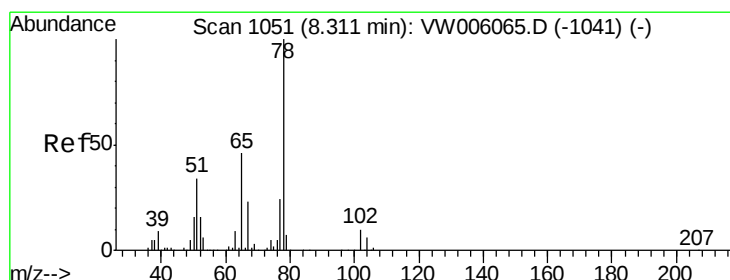
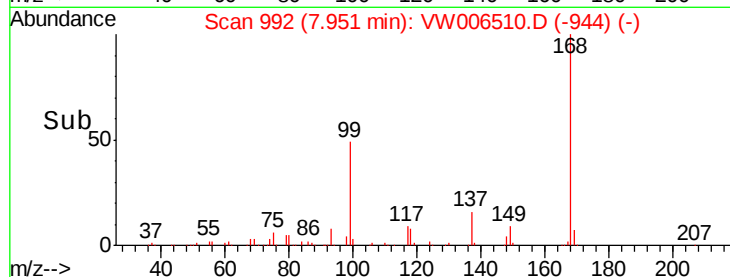
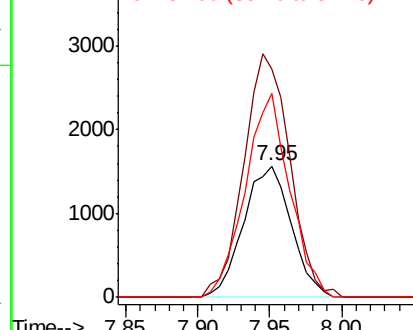
56 100

69 173.5 29.4 44.0#

84 155.2 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: 63.453 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006510.D

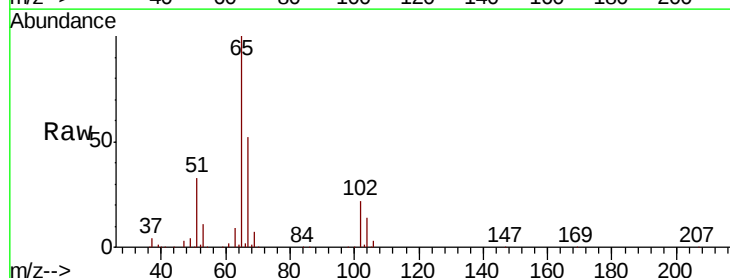
Acq: 30 Oct 2018 18:53

Tgt Ion: 65 Resp: 116702

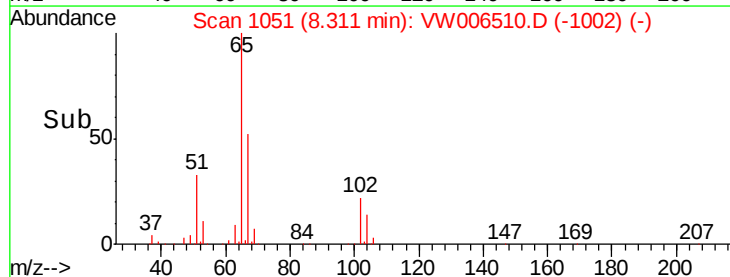
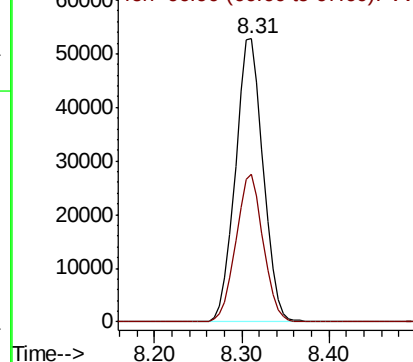
Ion Ratio Lower Upper

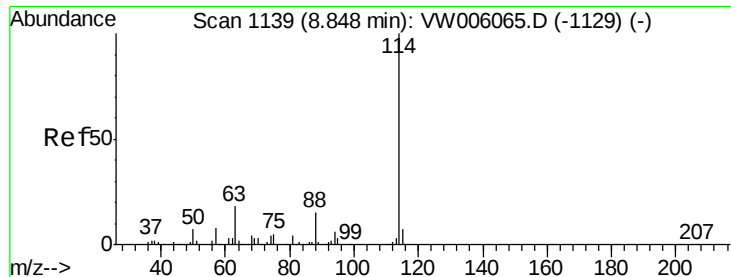
65 100

67 51.3 0.0 101.0



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

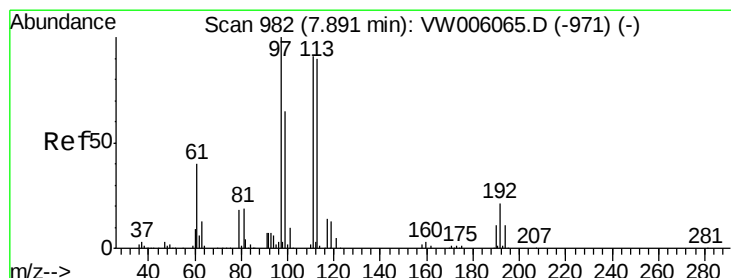
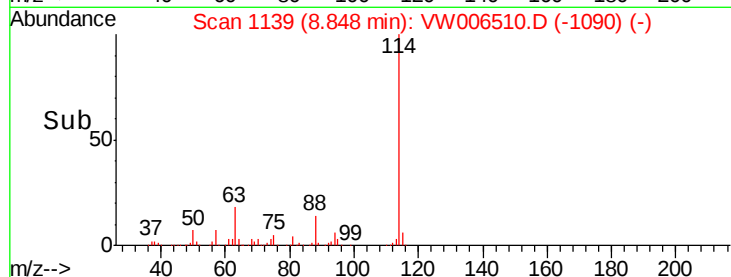
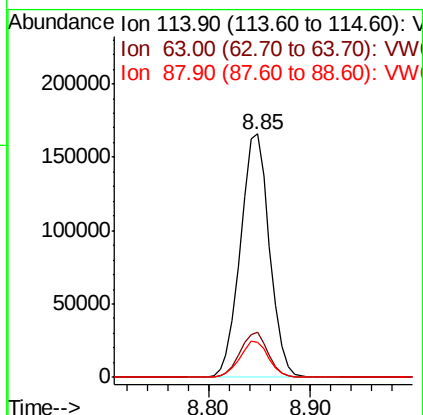
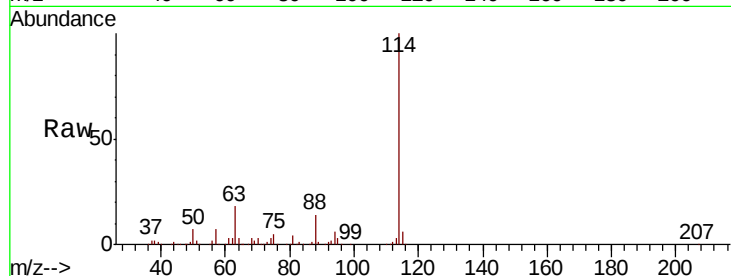




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

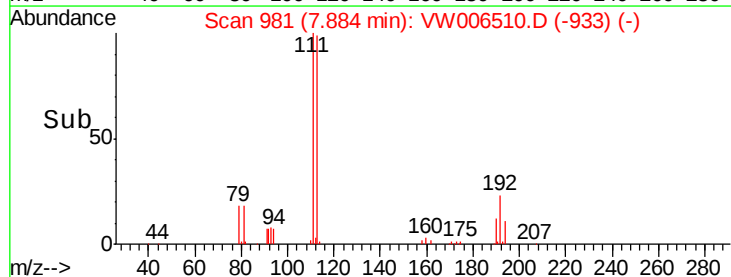
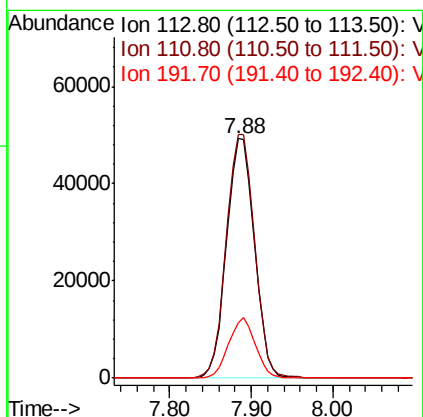
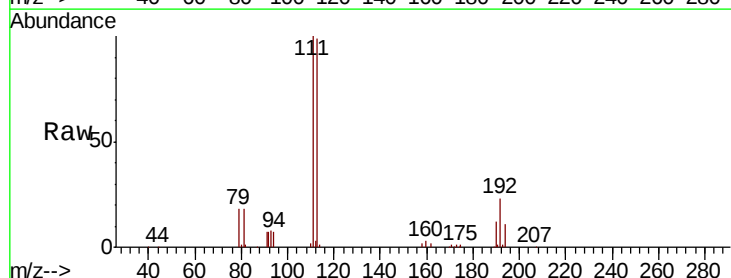
Instrument :
MSVOA_W
ClientSampleId :
DL-02A

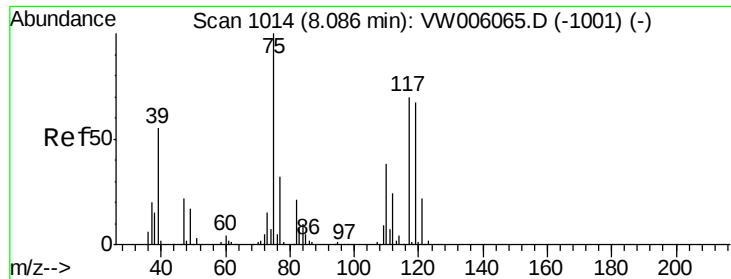
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.8
88	14.4	0.0	29.0



#35
Dibromofluoromethane
Concen: 60.025 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	24.0	18.7	28.1

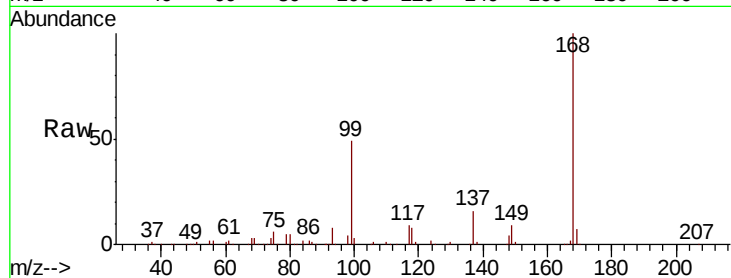




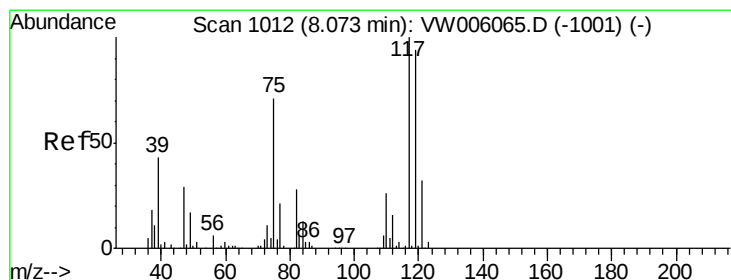
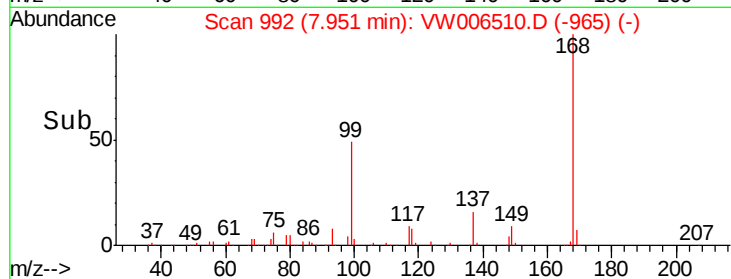
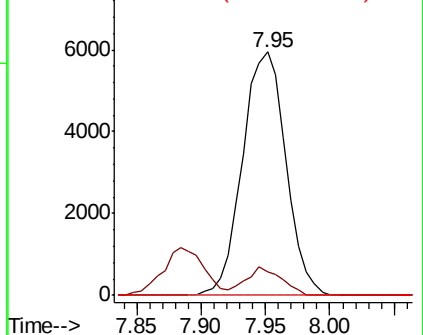
#36
 1,1-Dichloropropene
 Concen: 4.577 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006510.D
 Acq: 30 Oct 2018 18:53

Instrument :
 MSVOA_W
 ClientSampled :
 DL-02A

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.4	19.1	57.1#
77	0.0	25.0	37.4#

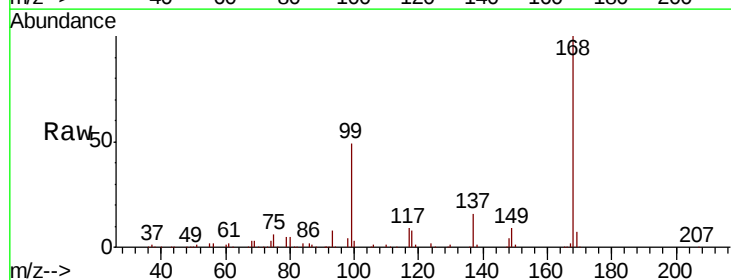


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

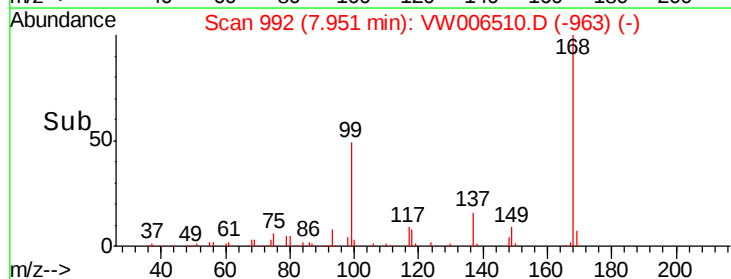
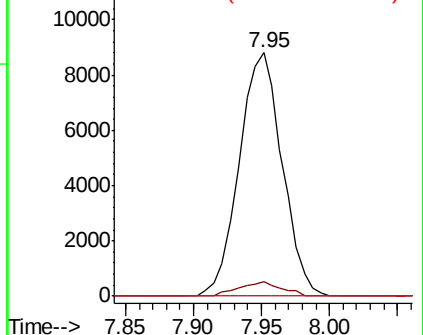


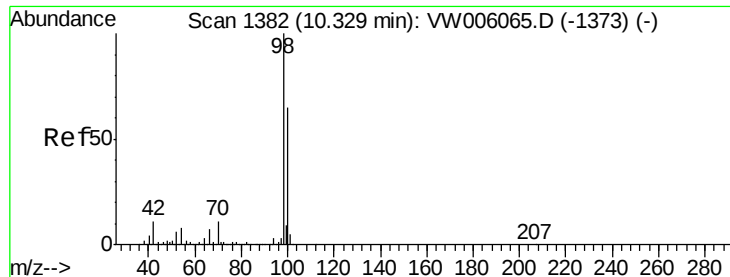
#38
 Carbon Tetrachloride
 Concen: 5.847 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006510.D
 Acq: 30 Oct 2018 18:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.9	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: 58.050 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006510.D

Acq: 30 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampled :

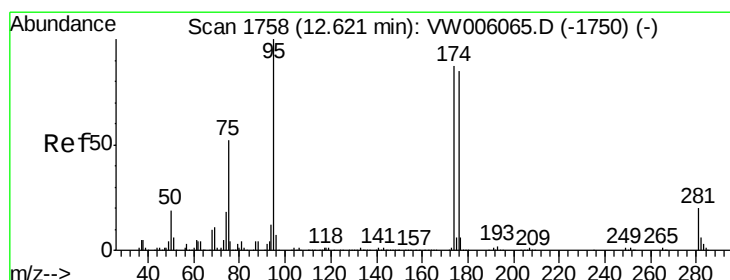
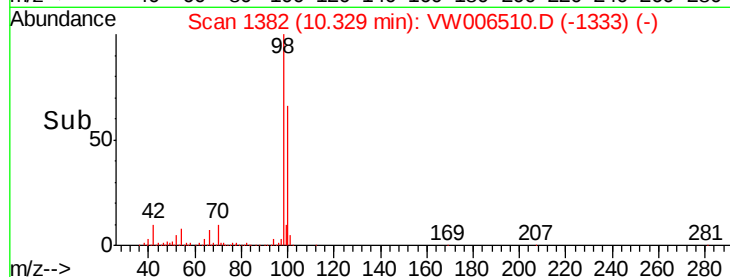
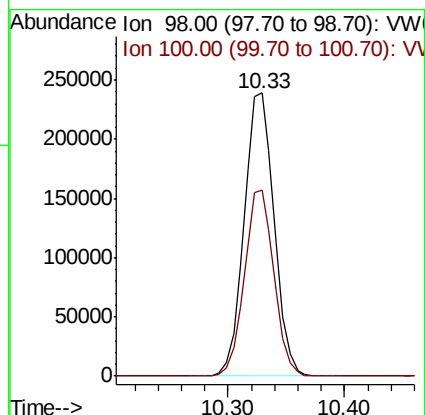
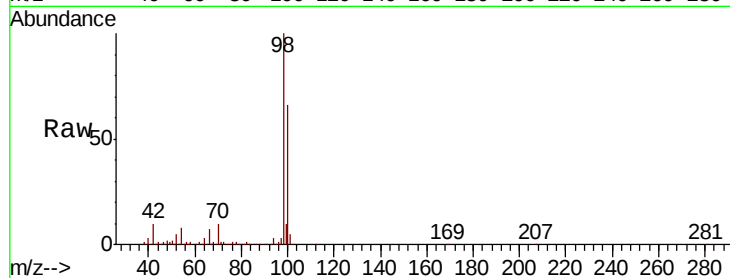
DL-02A

Tot Ion: 98 Resp: 428322

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 52.598 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006510.D

Acq: 30 Oct 2018 18:53

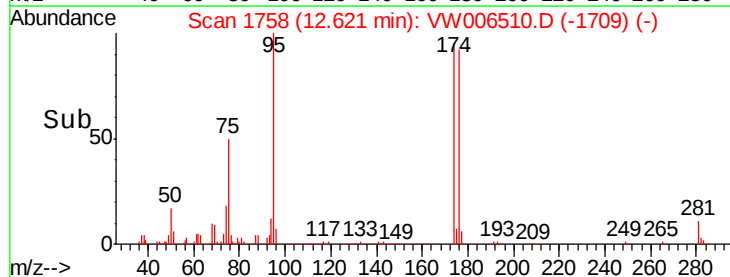
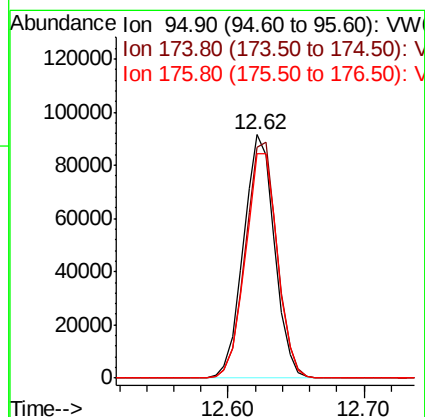
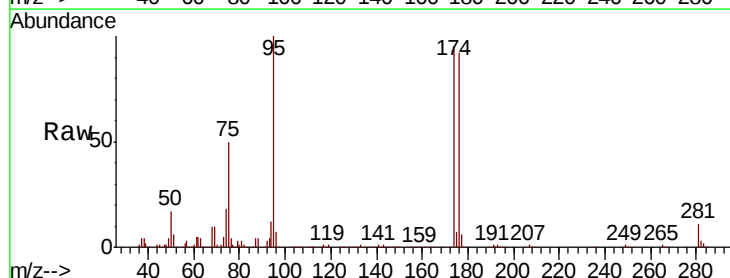
Tgt Ion: 95 Resp: 145764

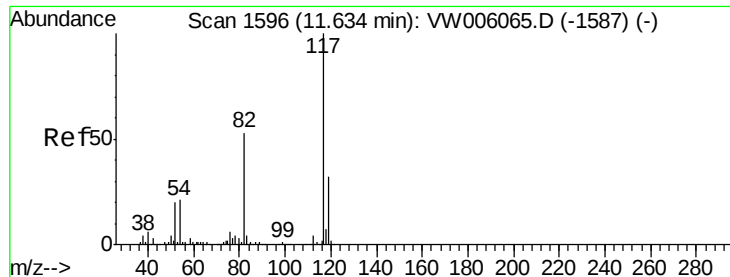
Ion Ratio Lower Upper

95 100

174 99.0 0.0 186.0

176 96.0 0.0 181.6

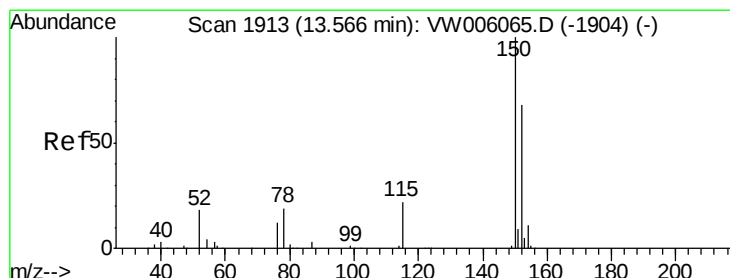
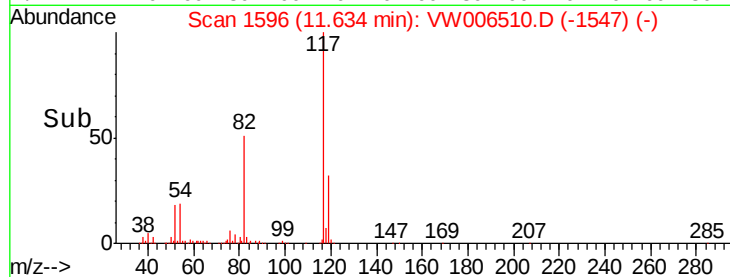
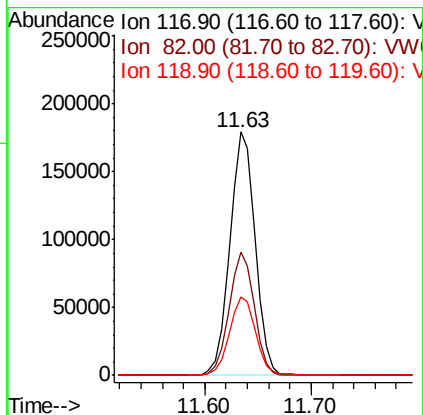
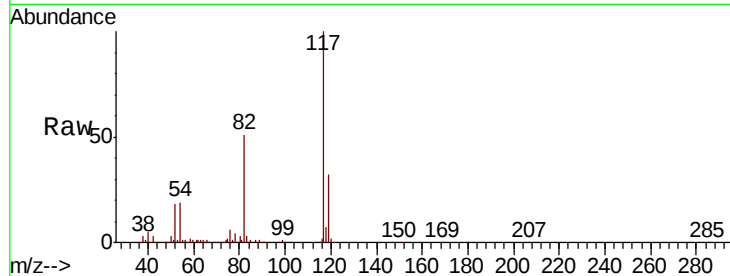




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

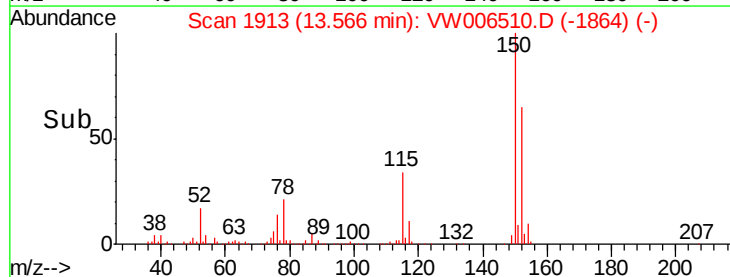
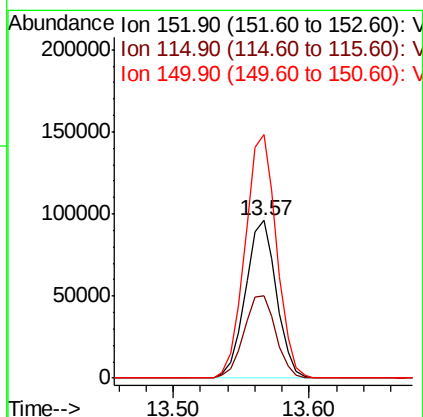
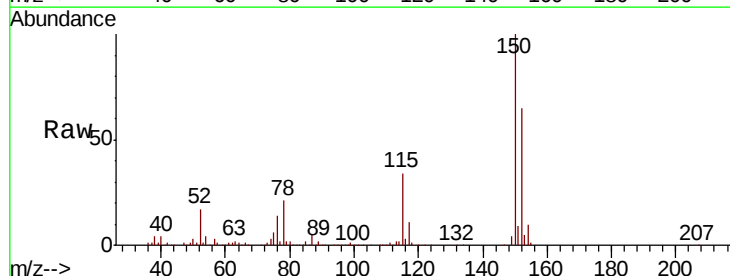
Instrument :
MSVOA_W
ClientSampleId :
DL-02A

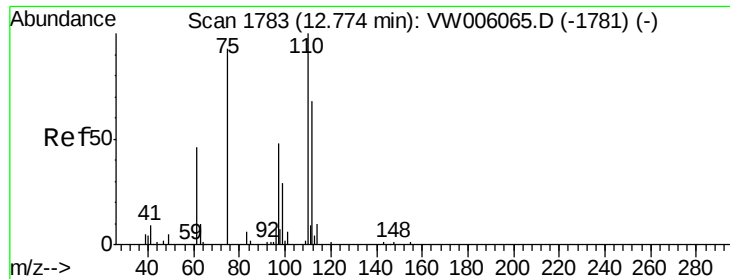
Tot Ion:117 Resp: 298300
Ion Ratio Lower Upper
117 100
82 50.8 42.1 63.1
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006510.D
Acq: 30 Oct 2018 18:53

Tgt Ion:152 Resp: 152841
Ion Ratio Lower Upper
152 100
115 53.9 27.8 83.3
150 156.6 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 63.195 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006510.D

Acq: 30 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampled :

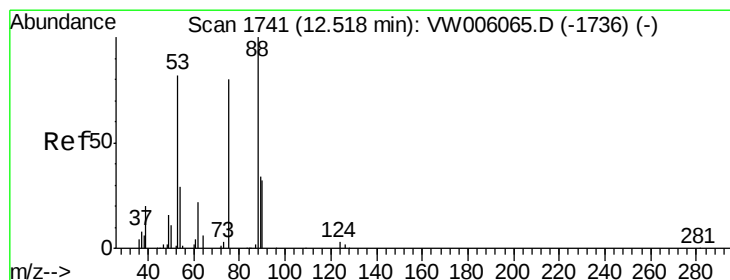
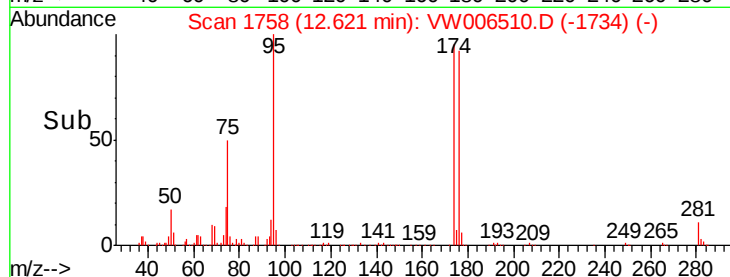
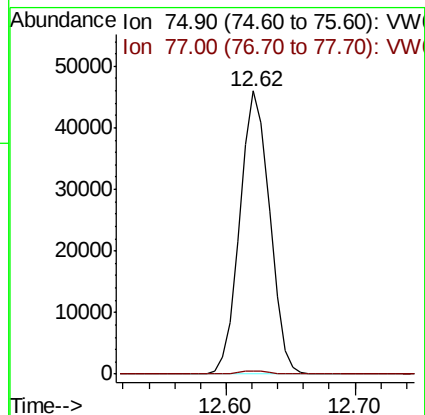
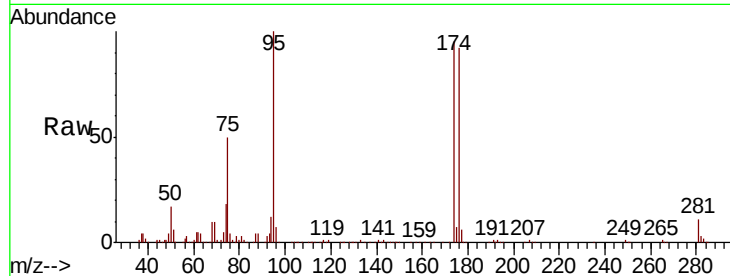
DL-02A

Tot Ion: 75 Resp: 73774

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 151.061 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006510.D

Acq: 30 Oct 2018 18:53

Tgt Ion: 75 Resp: 73774

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

