

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121318\
 Data File : VW007428.D
 Acq On : 12 Dec 2018 07:23
 Operator : SY/AP
 Sample : J6322-04
 Misc : 7.06G/5ML/MSVOA W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 11:12:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	149066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	122338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48557	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.30	65	41727	42.94	ug/l	0.00
Spiked Amount	50.000			Recovery	=	85.88%	
35) Dibromofluoromethane		7.88	113	37916	42.02	ug/l	0.00
Spiked Amount	50.000			Recovery	=	84.04%	
50) Toluene-d8		10.32	98	122665	36.26	ug/l	0.00
Spiked Amount	50.000			Recovery	=	72.52%	
62) 4-Bromofluorobenzene		12.62	95	44027	35.39	ug/l	0.00
Spiked Amount	50.000			Recovery	=	70.78%	

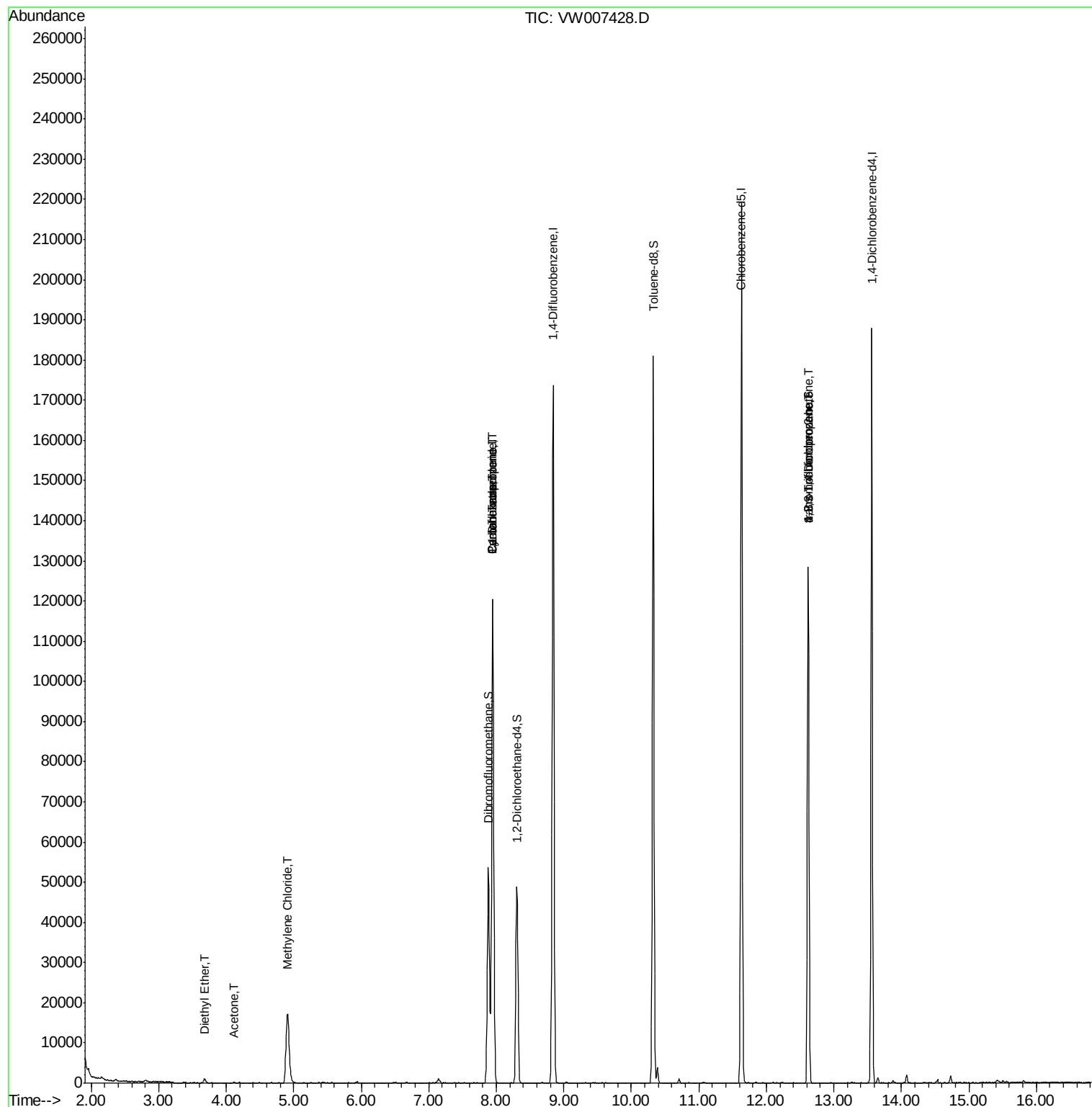
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	551	1.302	ug/l	90
16) Acetone	4.12	43	430	2.533	ug/l #	44
20) Methylene Chloride	4.92	84	14540	12.745	ug/l	97
31) Cyclohexane	7.95	56	1797	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	6695	4.923	ug/l #	49
38) Carbon Tetrachloride	7.95	117	9082	6.138	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	22347	55.816	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	22347	123.299	ug/l #	7

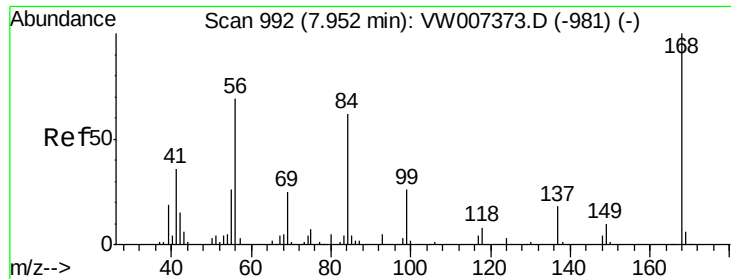
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121318\
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Misc : 7.06G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 12 11:12:13 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 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: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

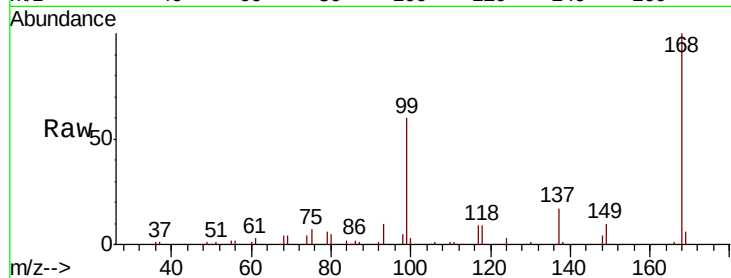
ClientSampled :

Tot Ion:168 Resp: 87591

Ion Ratio Lower Upper

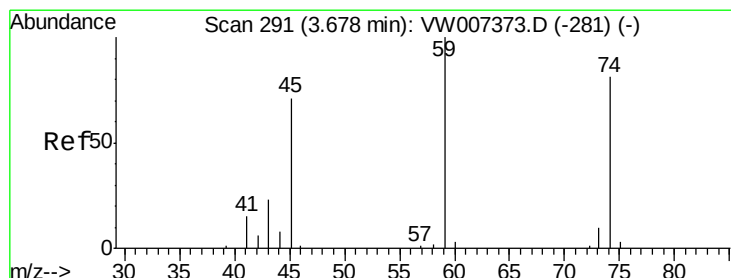
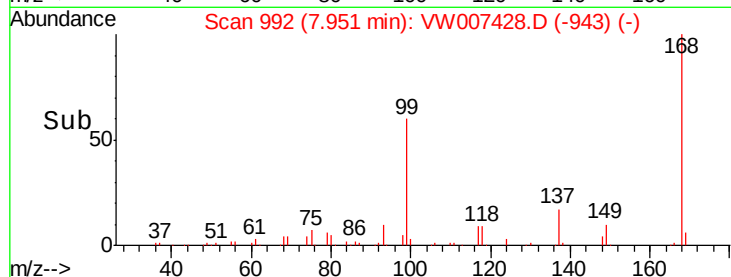
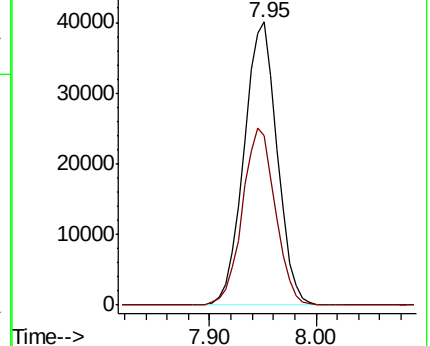
168 100

99 59.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.302 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007428.D

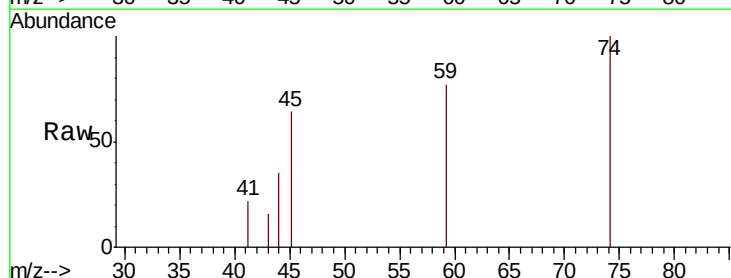
Acq: 12 Dec 2018 07:23

Tgt Ion: 74 Resp: 551

Ion Ratio Lower Upper

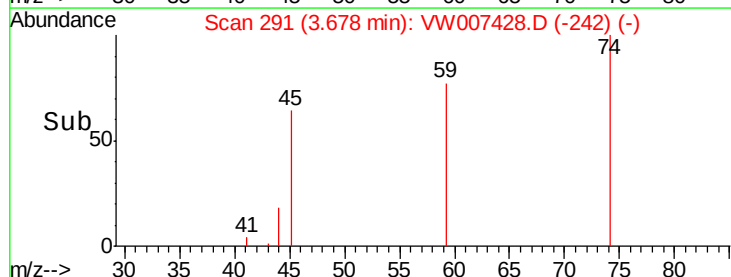
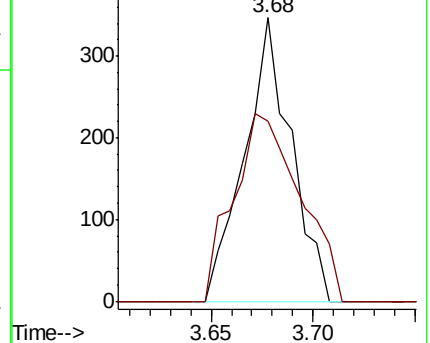
74 100

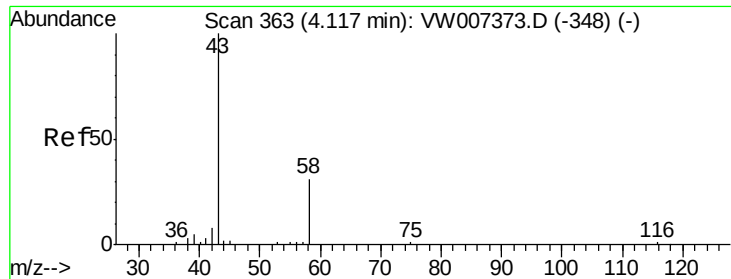
45 95.5 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 2.533 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

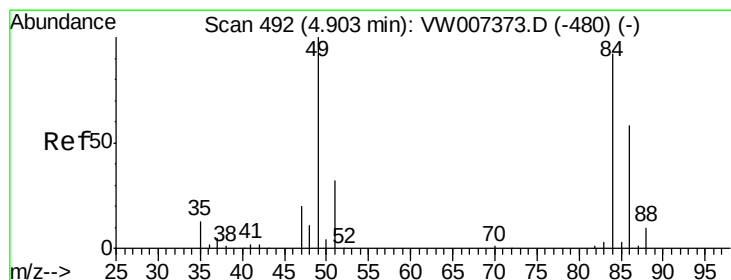
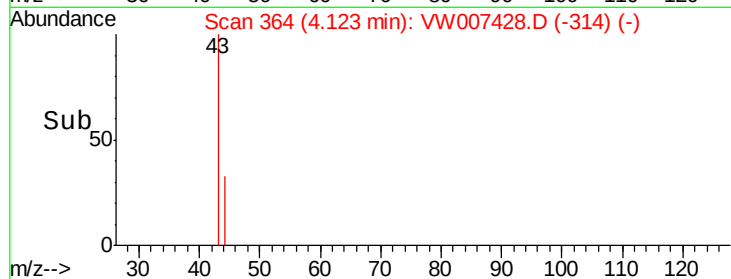
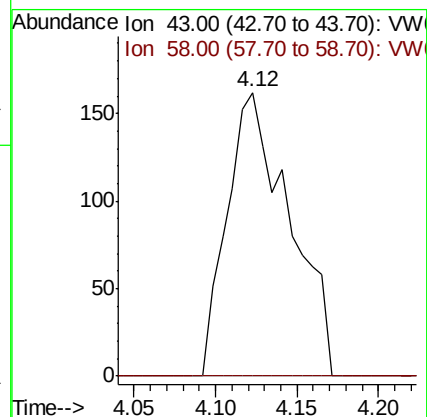
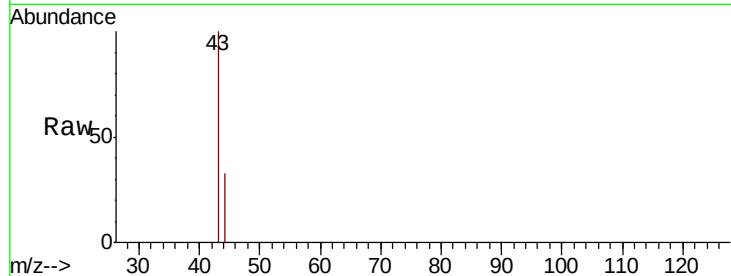
ClientSampleId :

Tot Ion: 43 Resp: 430

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#20

Methylene Chloride

Concen: 12.745 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Tgt Ion: 84 Resp: 14540

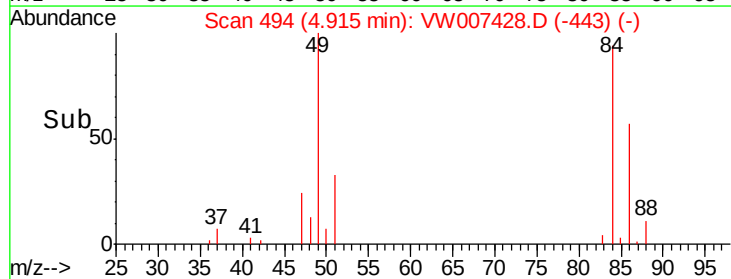
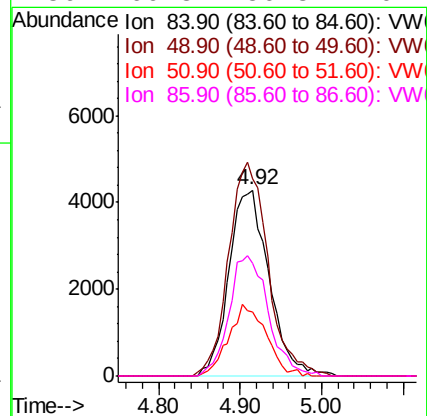
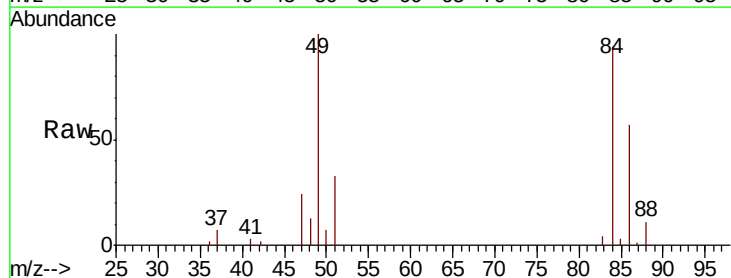
Ion Ratio Lower Upper

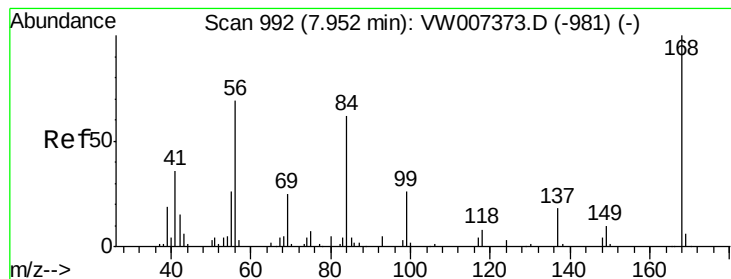
84 100

49 105.9 87.1 130.7

51 34.4 28.2 42.2

86 60.3 50.8 76.2





#31

Cyclohexane

Concen: 1.190 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

ClientSampleId :

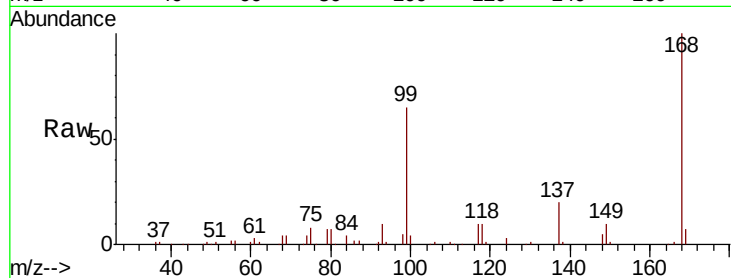
Tot Ion: 56 Resp: 1797

Ion Ratio Lower Upper

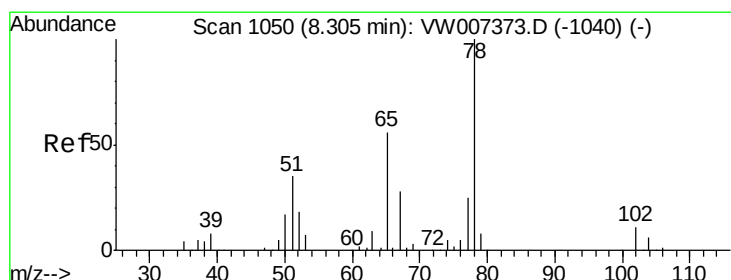
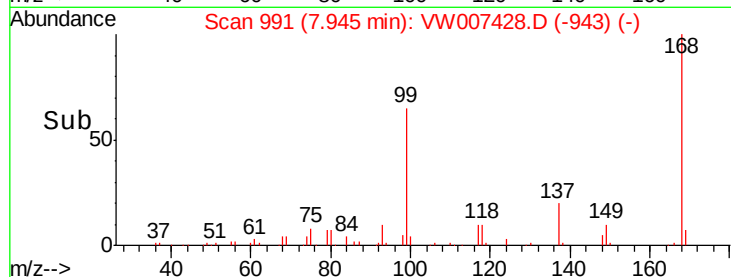
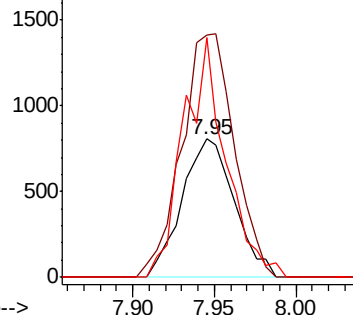
56 100

69 175.2 28.9 43.3#

84 172.8 71.8 107.6#



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: 42.940 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007428.D

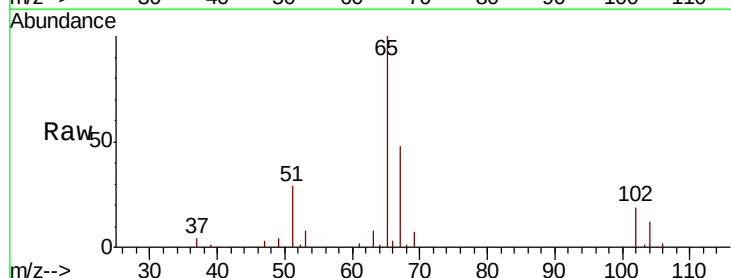
Acq: 12 Dec 2018 07:23

Tgt Ion: 65 Resp: 41727

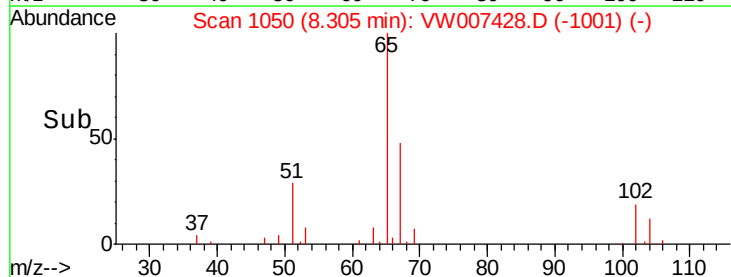
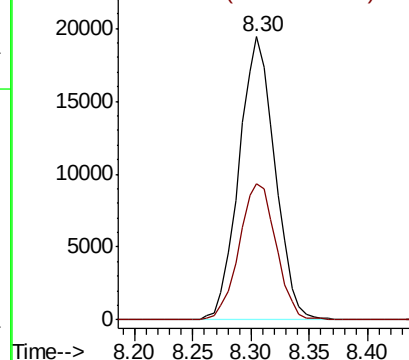
Ion Ratio Lower Upper

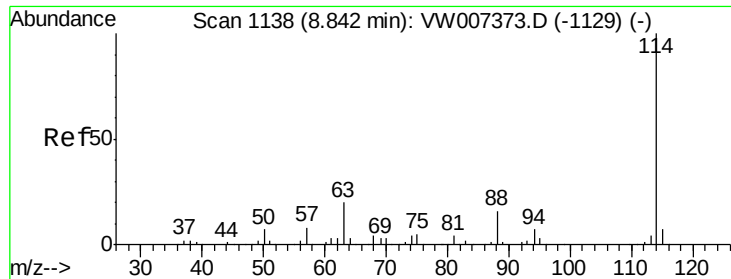
65 100

67 49.4 0.0 101.6



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

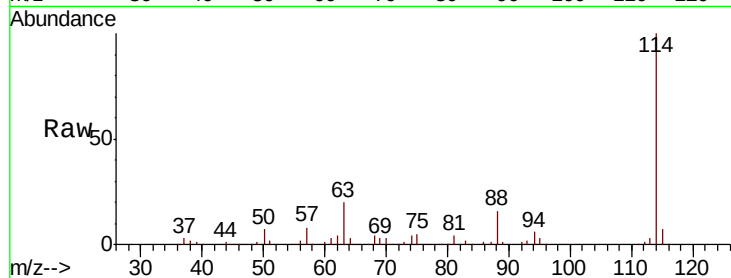




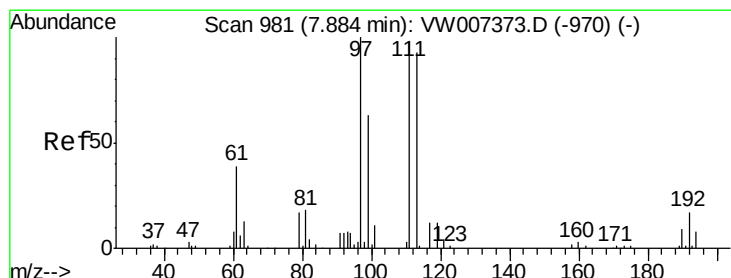
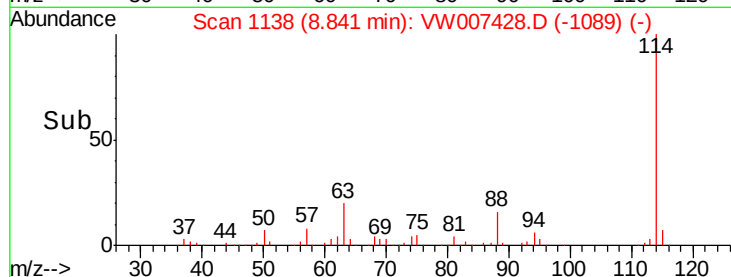
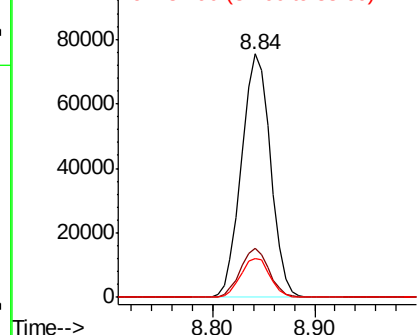
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:114 Resp: 149066
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.7 0.0 31.4

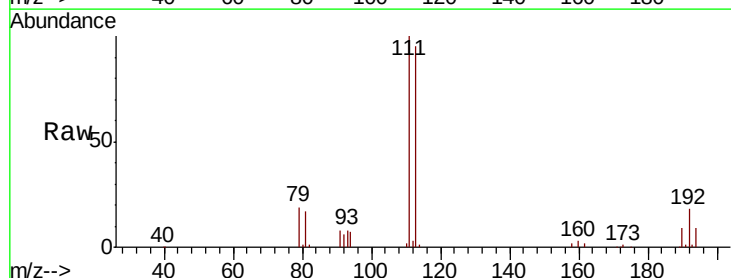


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

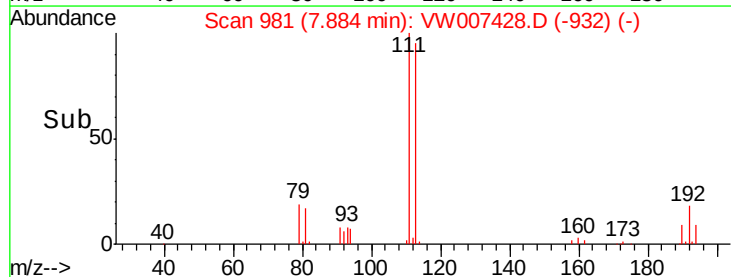
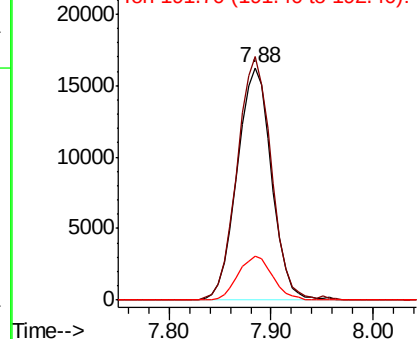


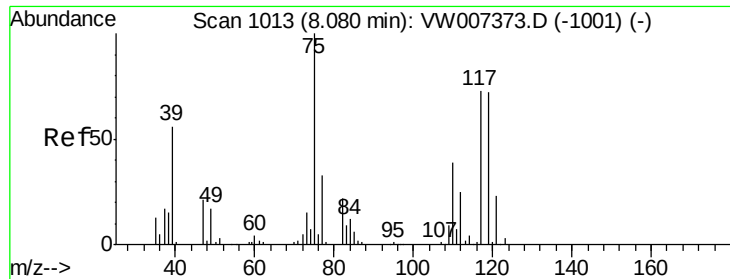
#35
 Dibromofluoromethane
 Concen: 42.019 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

Tgt Ion:113 Resp: 37916
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 19.0 14.6 21.8



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

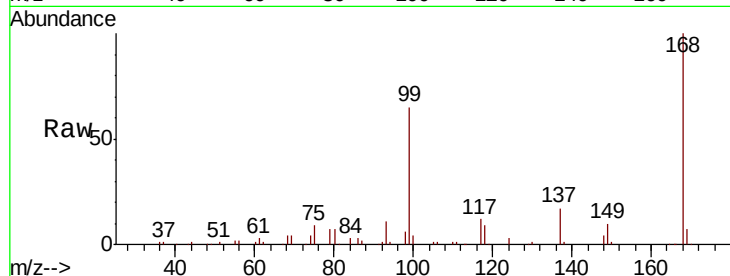




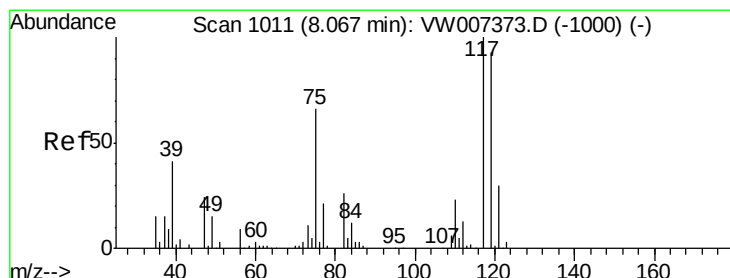
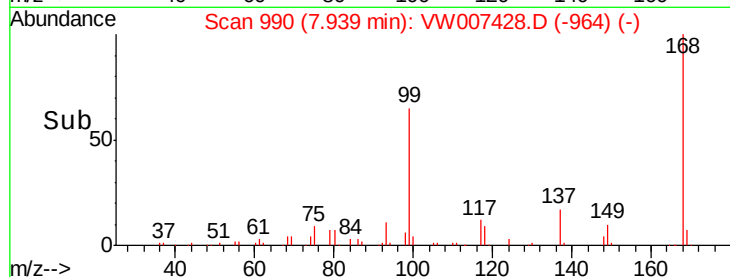
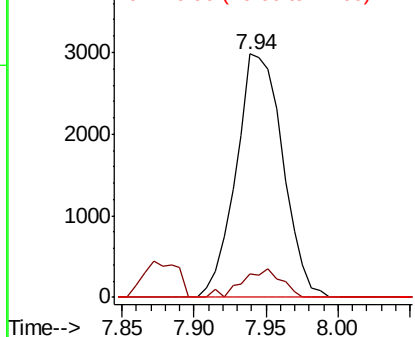
#36
 1,1-Dichloropropene
 Concen: 4.923 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.5	55.5#
77	0.0	25.6	38.4#

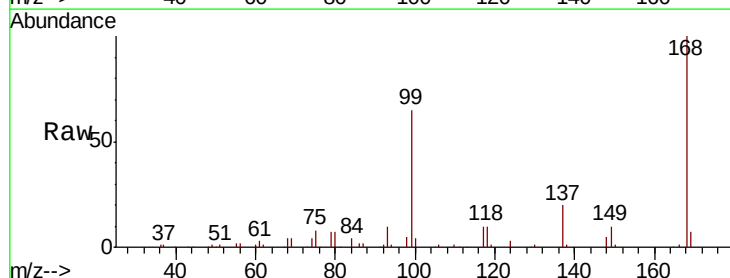


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

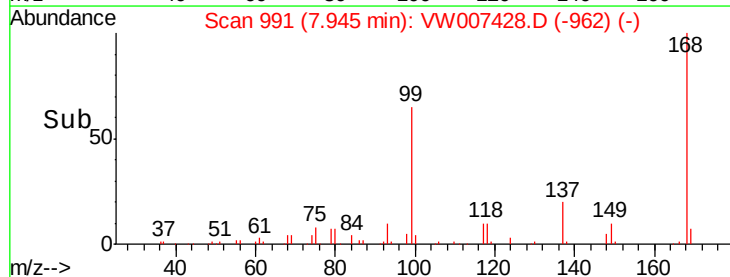
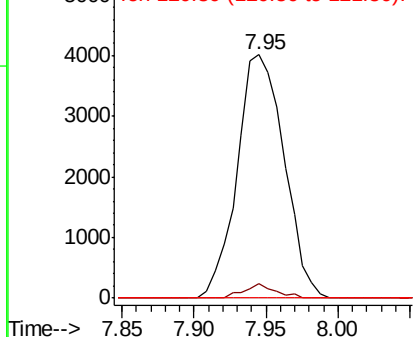


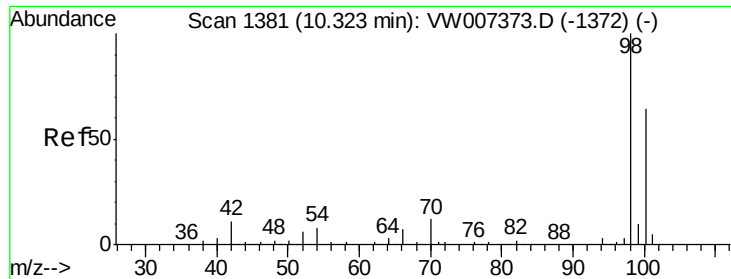
#38
 Carbon Tetrachloride
 Concen: 6.138 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007428.D
 Acq: 12 Dec 2018 07:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.0	74.3	111.5#
121	0.0	24.3	36.5#



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: 36.256 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

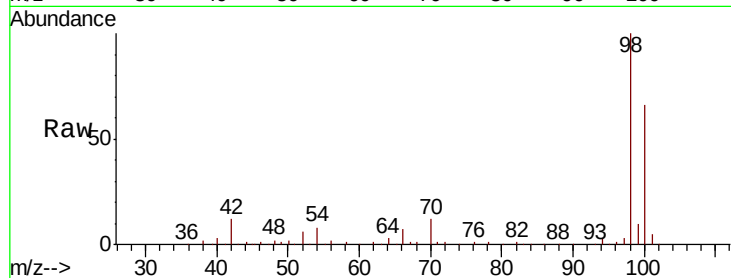
ClientSampleId :

Tot Ion: 98 Resp: 122665

Ion Ratio Lower Upper

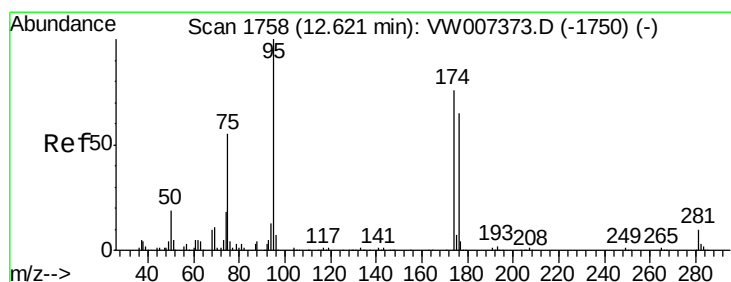
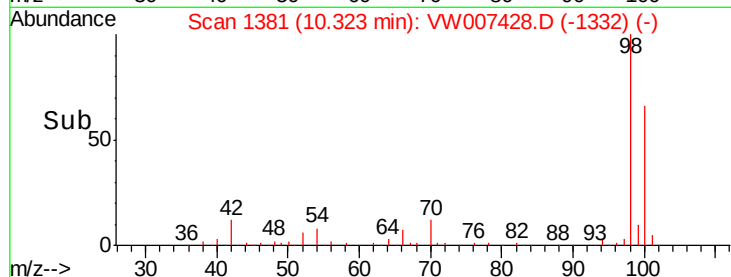
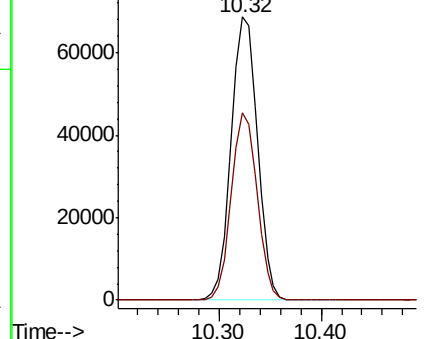
98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 35.393 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

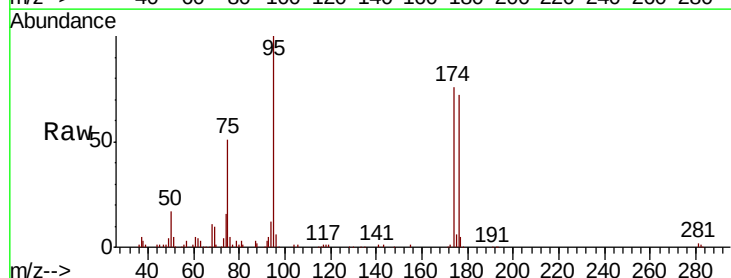
Tgt Ion: 95 Resp: 44027

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.2

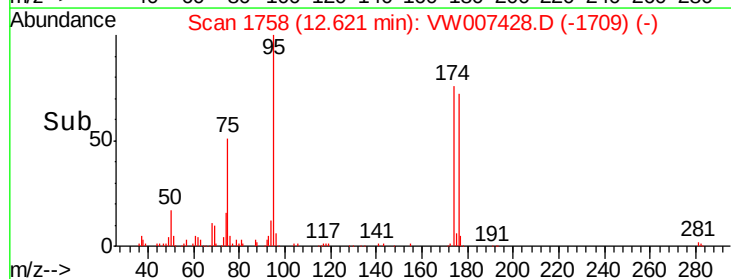
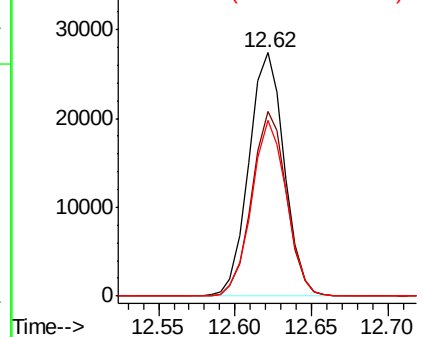
176 71.5 0.0 138.8

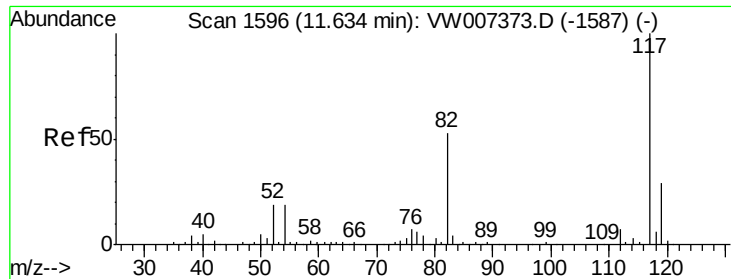


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

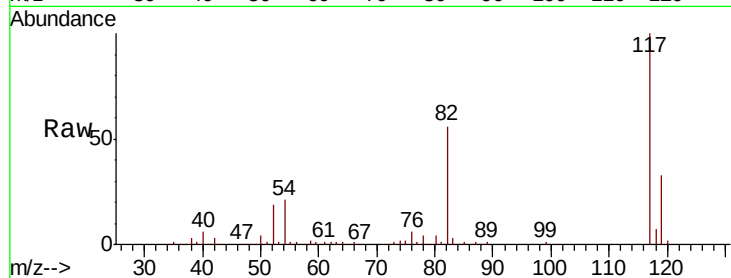




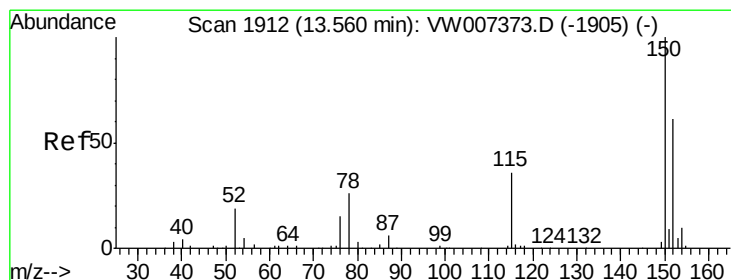
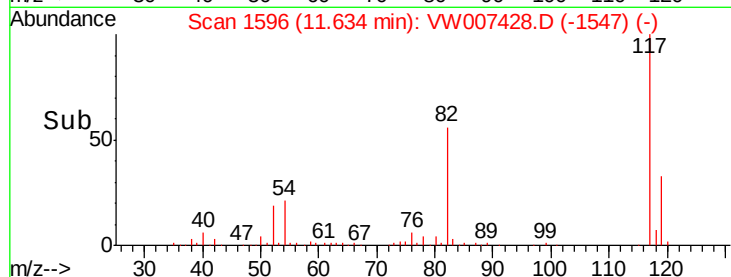
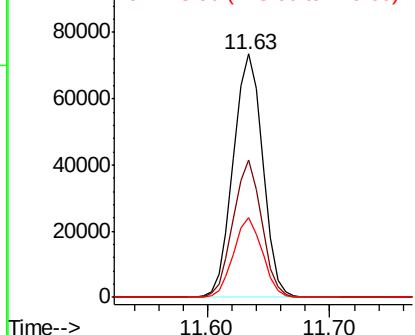
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:117 Resp: 122338
Ion Ratio Lower Upper
117 100
82 56.2 42.3 63.5
119 32.8 23.0 34.6

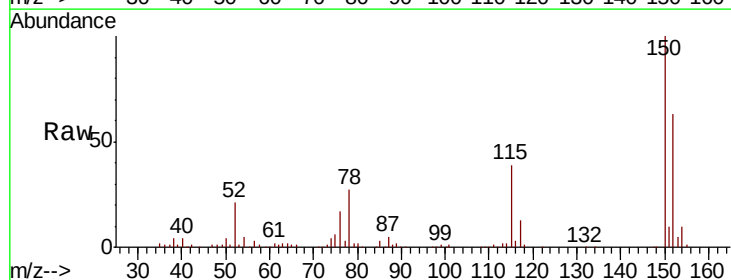


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

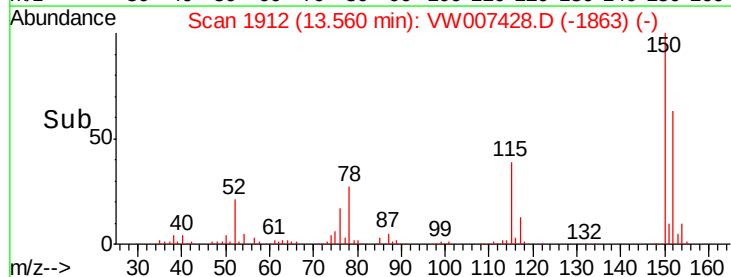
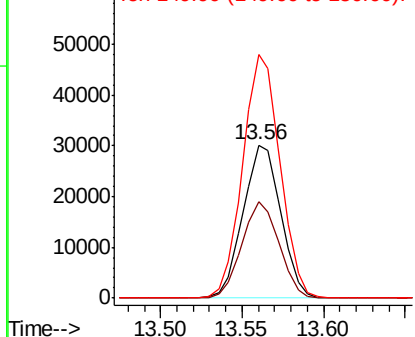


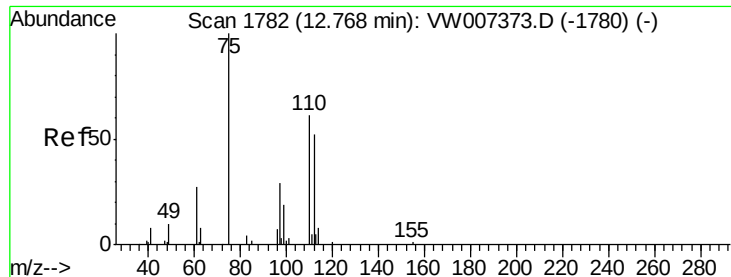
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007428.D
Acq: 12 Dec 2018 07:23

Tgt Ion:152 Resp: 48557
Ion Ratio Lower Upper
152 100
115 62.1 31.4 94.2
150 157.7 0.0 358.4



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: 55.816 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Instrument :

MSVOA_W

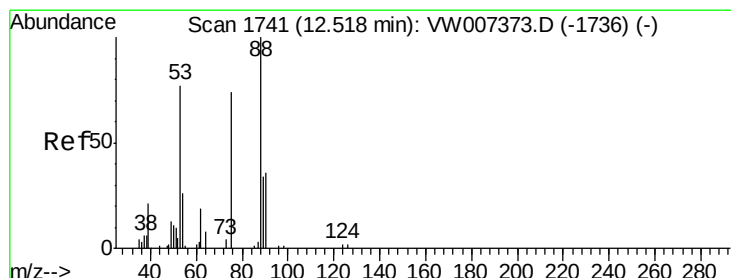
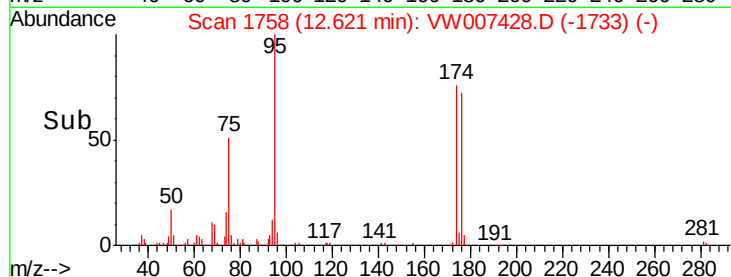
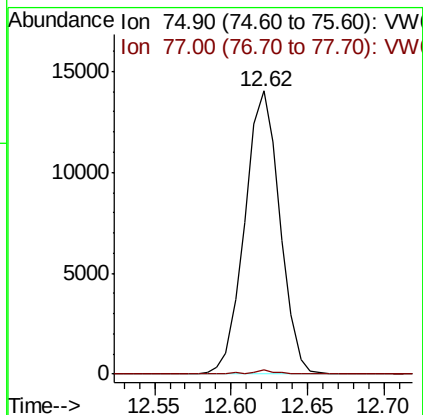
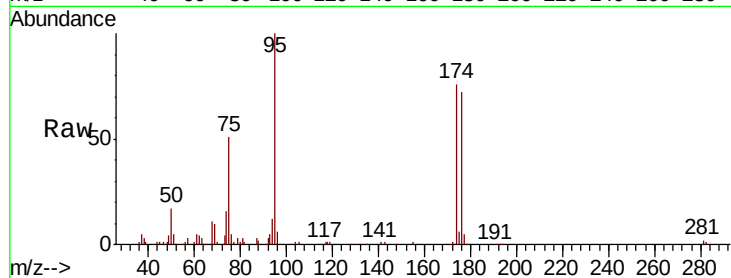
ClientSampleId :

Tot Ion: 75 Resp: 22347

Ion Ratio Lower Upper

75 100

77 0.9 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.299 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007428.D

Acq: 12 Dec 2018 07:23

Tgt Ion: 75 Resp: 22347

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

