

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007383.D
 Acq On : 11 Dec 2018 05:16
 Operator : SY/AP
 Sample : J6331-13
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Quant Time: Dec 11 07:04:28 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	87632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	161912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	66317	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	43325	44.56	ug/l	0.00
Spiked Amount			Recovery	=	89.12%	
35) Dibromofluoromethane	7.88	113	41482	42.32	ug/l	0.00
Spiked Amount			Recovery	=	84.64%	
50) Toluene-d8	10.32	98	144931	39.44	ug/l	0.00
Spiked Amount			Recovery	=	78.88%	
62) 4-Bromofluorobenzene	12.62	95	55899	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	

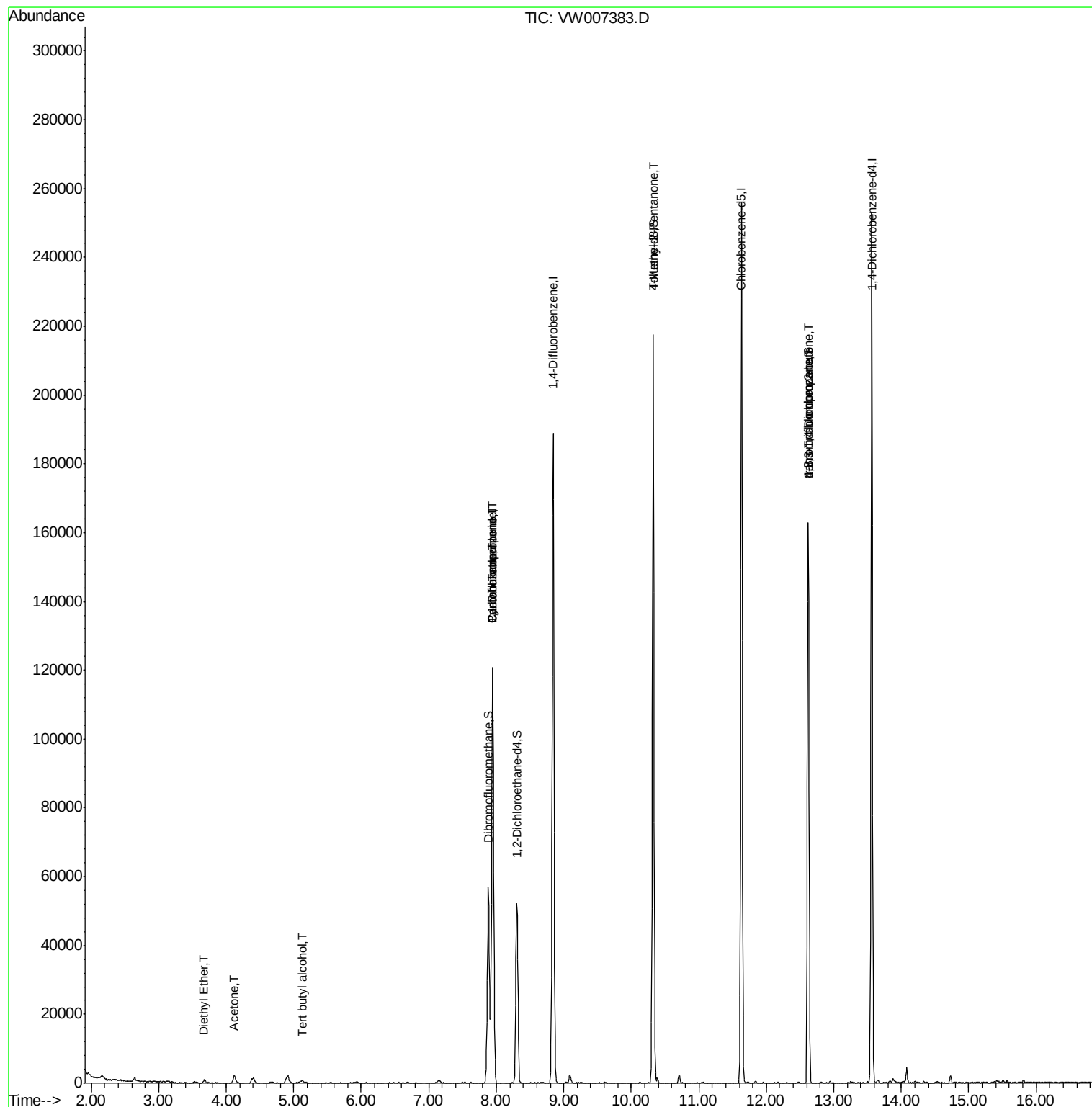
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.68	74	532	1.256	ug/l	98
11) Tert butyl alcohol	5.12	59	635	9.510	ug/l #	74
16) Acetone	4.12	43	3876	22.825	ug/l	94
20) Methylene Chloride	4.90	84	1687	Below Cal		96
31) Cyclohexane	7.95	56	1847	1.223	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7060	4.780	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9178	5.711	ug/l #	17
51) 4-Methyl-2-Pentanone	10.33	43	530	1.034	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	27436	50.175	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	27436	110.838	ug/l #	7

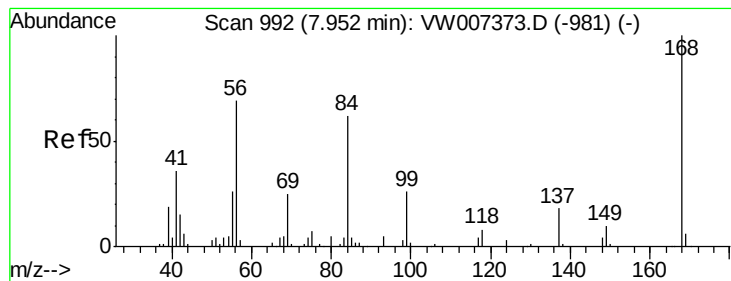
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
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Instrument :
MSVOA_W
ClientSampleId :
TP-3

Quant Time: Dec 11 07:04:28 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# 991

Delta R.T. -0.01 min

Lab File: VW007383.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

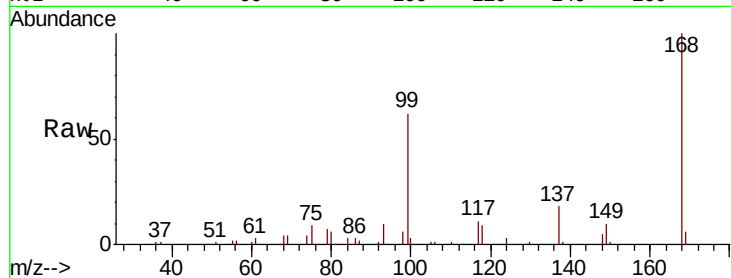
TP-3

Tgt Ion: 168 Resp: 87632

Ion Ratio Lower Upper

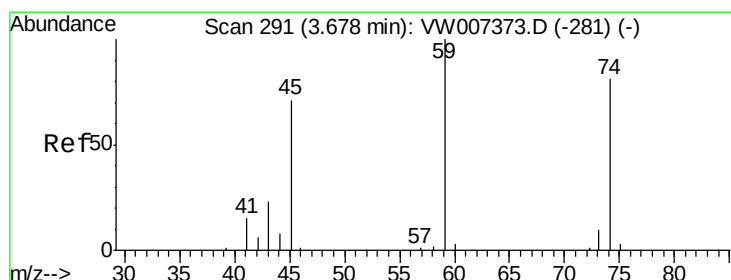
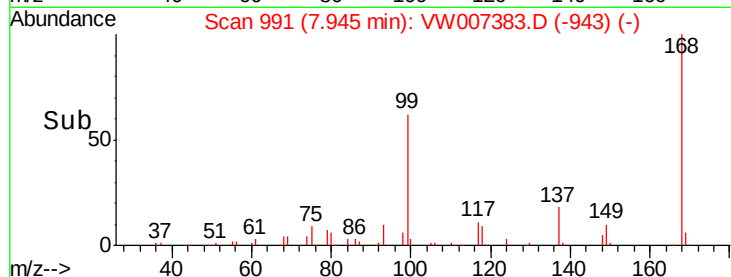
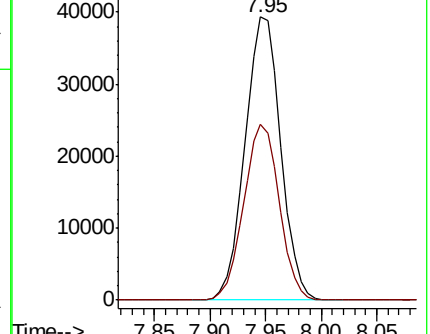
168 100

99 62.1 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: 1.256 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.00 min

Lab File: VW007383.D

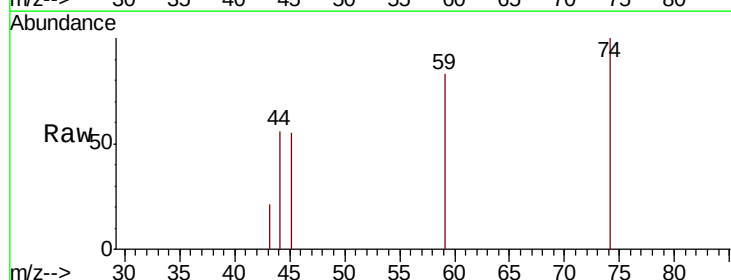
Acq: 11 Dec 2018 05:16

Tgt Ion: 74 Resp: 532

Ion Ratio Lower Upper

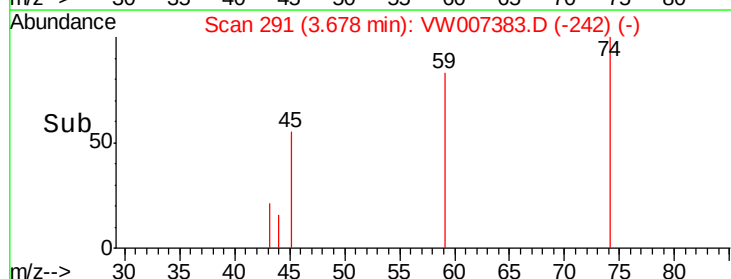
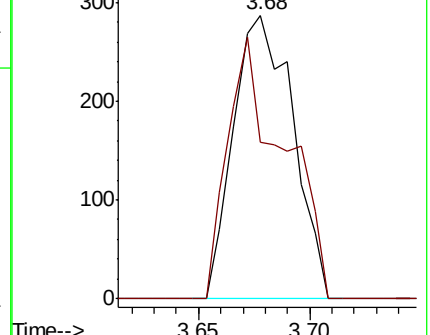
74 100

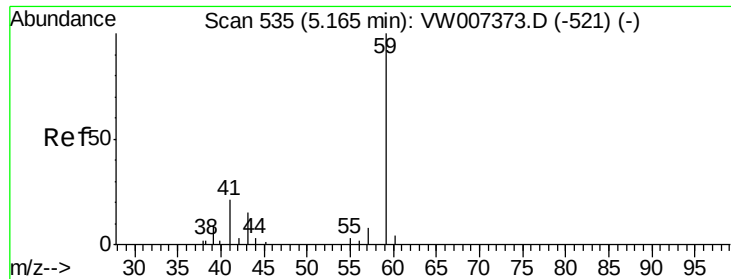
45 87.8 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

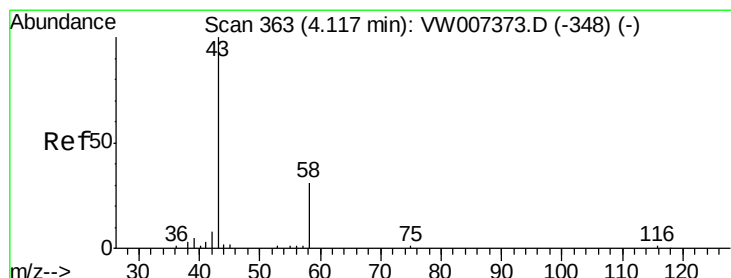
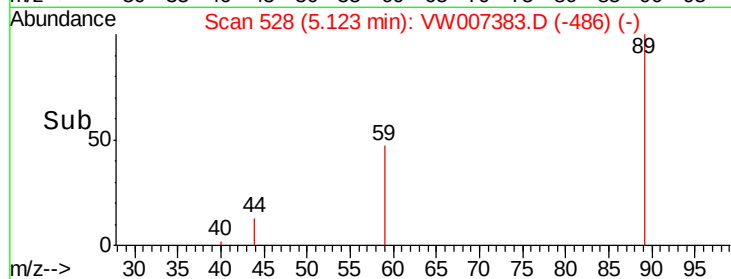
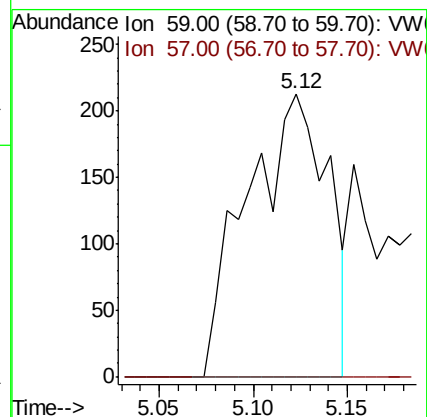
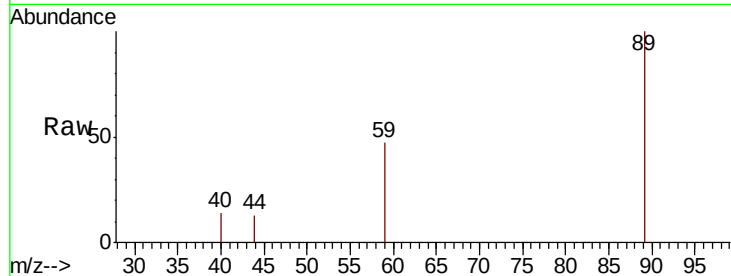




#11
Tert butyl alcohol
Concen: 9.510 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

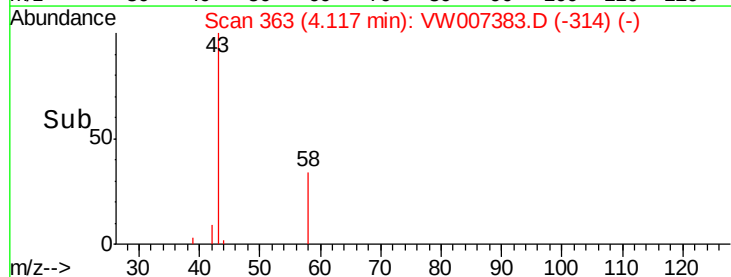
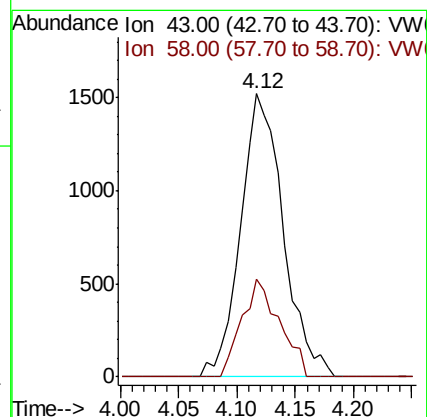
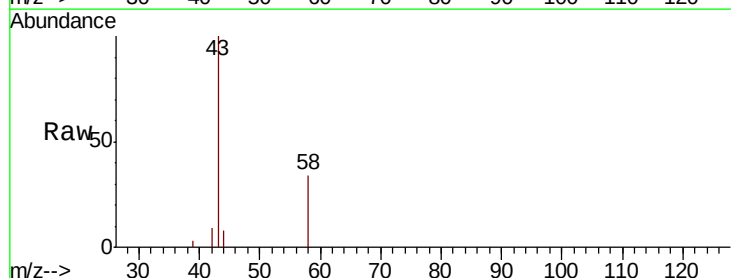
Instrument :
MSVOA_W
ClientSampled :
TP-3

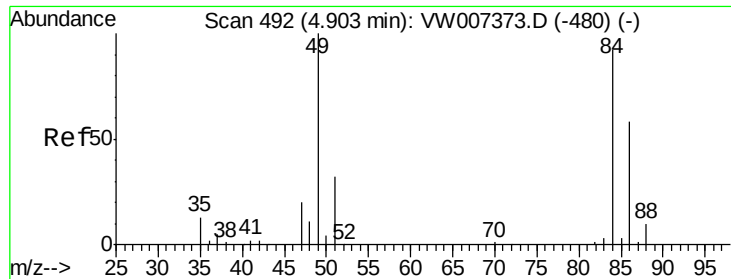
Tgt Ion: 59 Resp: 635
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#16
Acetone
Concen: 22.825 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

Tgt Ion: 43 Resp: 3876
Ion Ratio Lower Upper
43 100
58 34.5 24.9 37.3

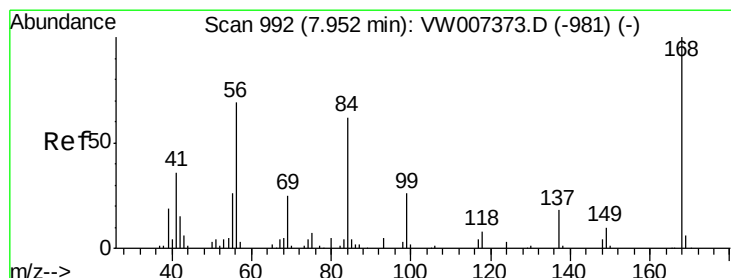
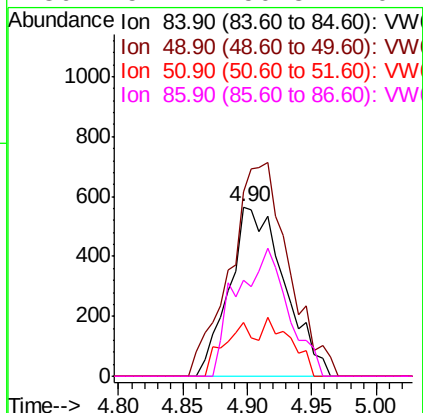
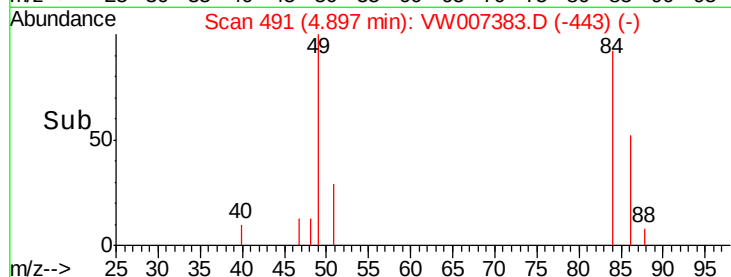
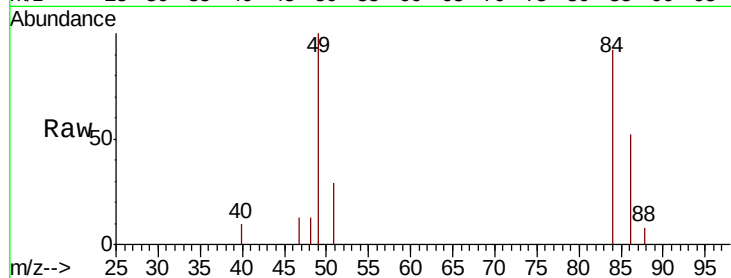




#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

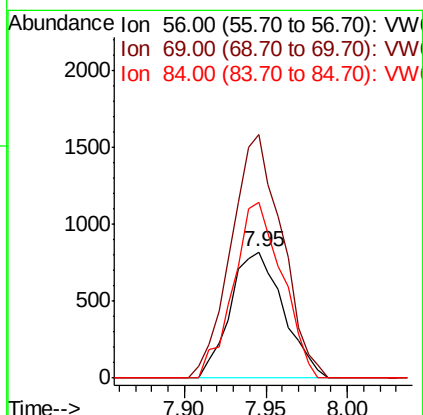
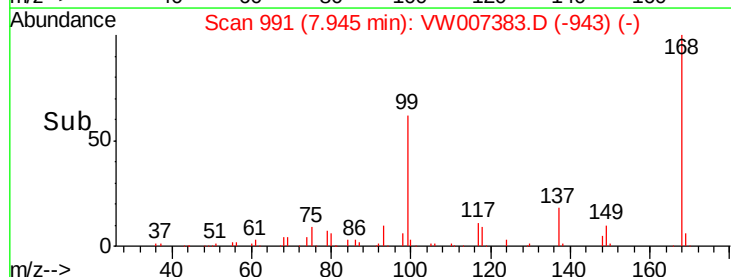
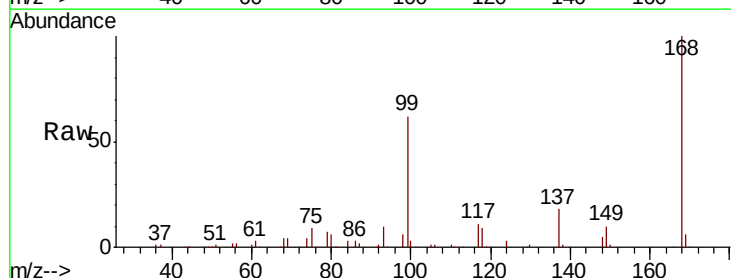
Instrument :
MSVOA_W
ClientSampled :
TP-3

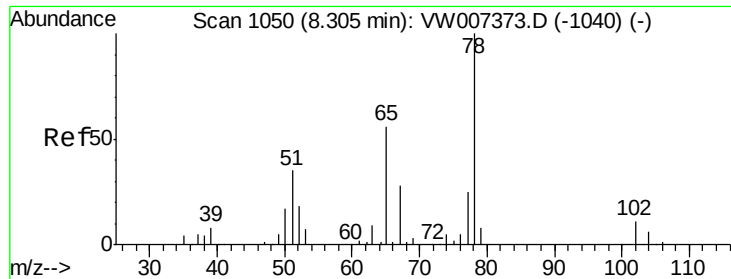
Tgt Ion:	84	Resp:	1687
Ion	Ratio	Lower	Upper
84	100		
49	109.0	87.1	130.7
51	31.6	28.2	42.2
86	57.1	50.8	76.2



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

Tgt Ion:	56	Resp:	1847
Ion	Ratio	Lower	Upper
56	100		
69	193.3	28.9	43.3#
84	140.0	71.8	107.6#

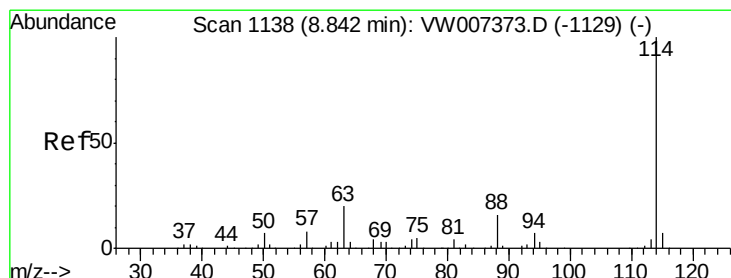
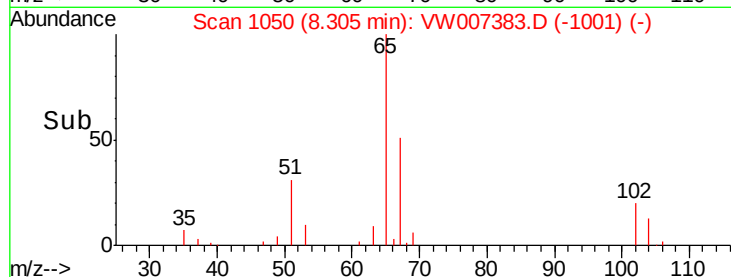
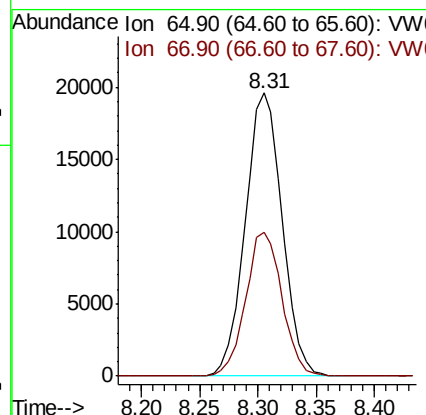
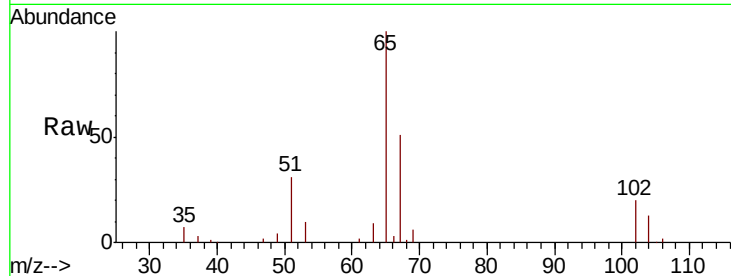




#33
 1,2-Dichloroethane-d4
 Concen: 44.564 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007383.D
 Acq: 11 Dec 2018 05:16

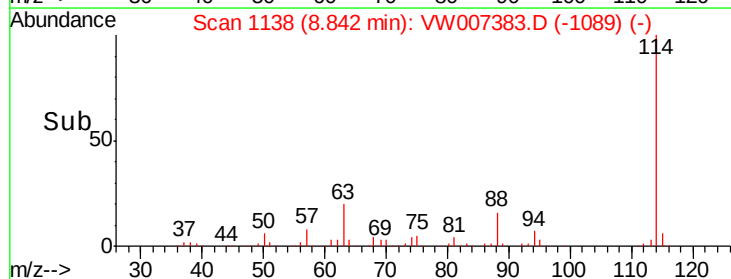
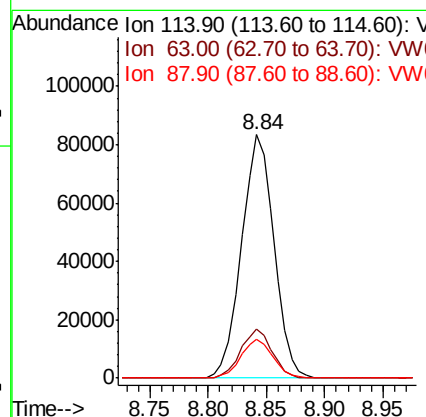
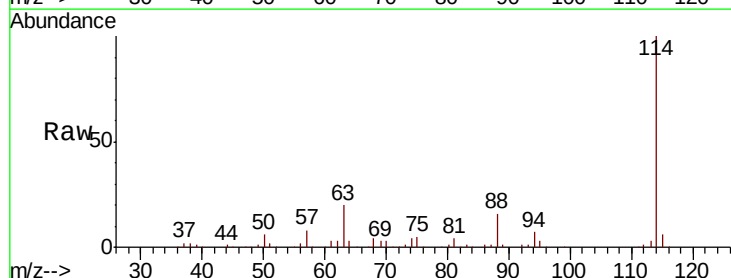
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

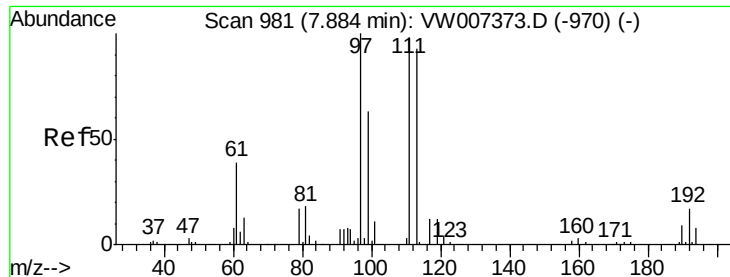
Tgt Ion: 65 Resp: 43325
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007383.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 114 Resp: 161912
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.8 0.0 31.4

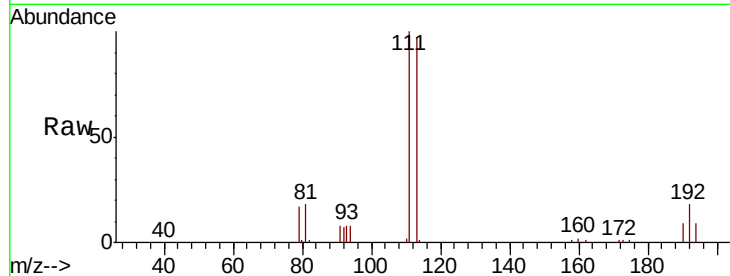




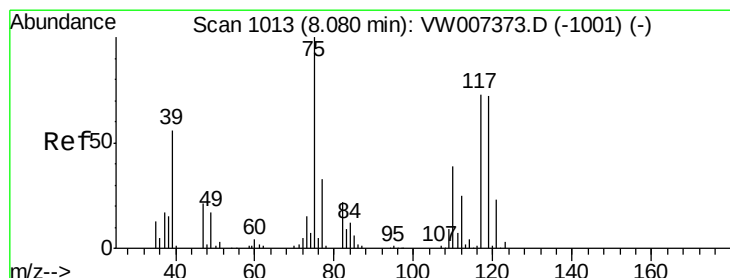
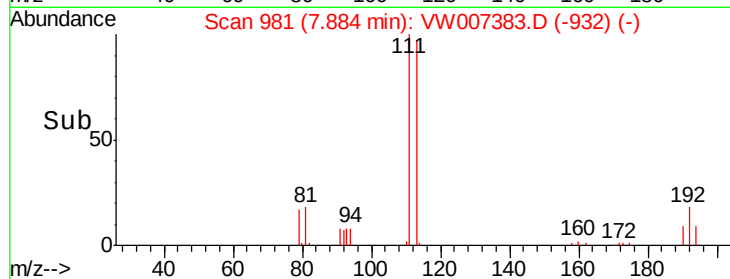
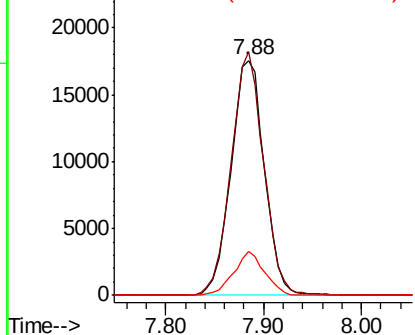
#35
 Dibromofluoromethane
 Concen: 42.323 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007383.D
 Acq: 11 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-3

Tgt Ion:113 Resp: 41482
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.1 121.7
 192 17.4 14.6 21.8

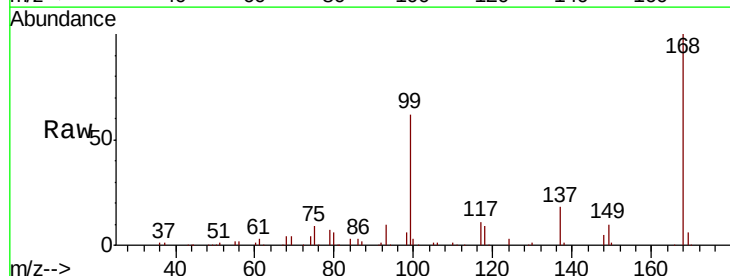


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

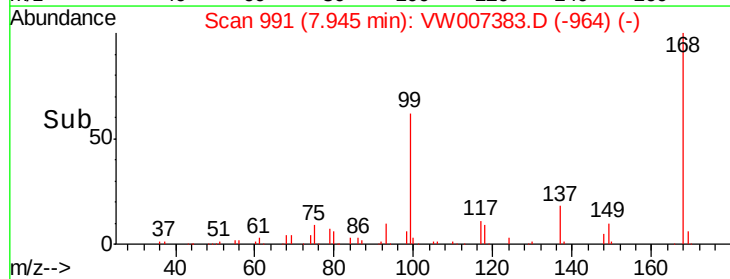
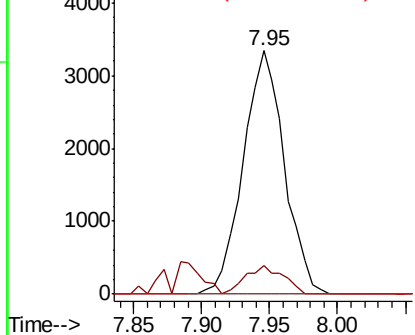


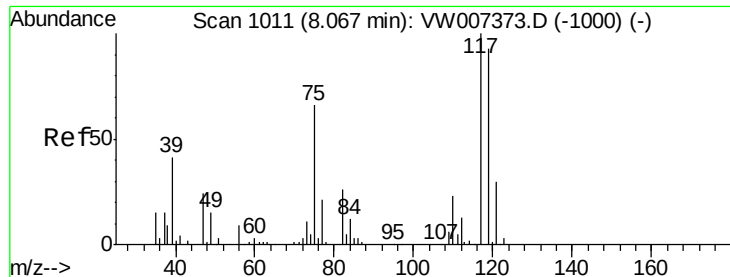
#36
 1,1-Dichloropropene
 Concen: 4.780 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007383.D
 Acq: 11 Dec 2018 05:16

Tgt Ion: 75 Resp: 7060
 Ion Ratio Lower Upper
 75 100
 110 10.8 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

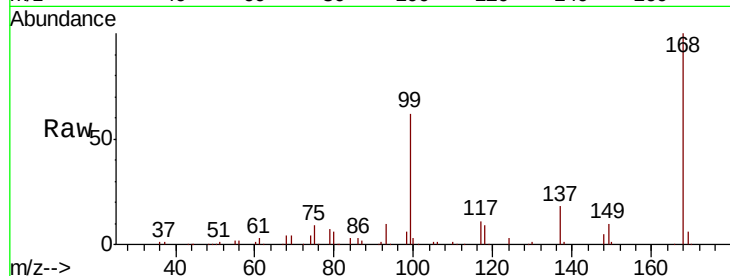




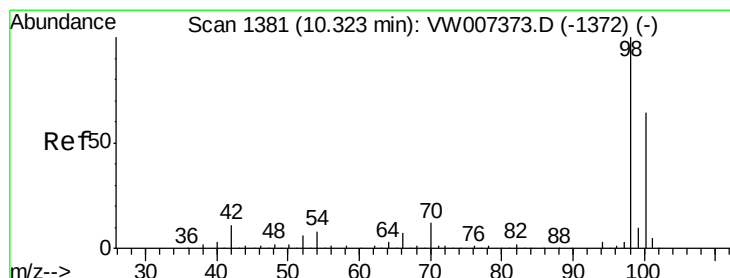
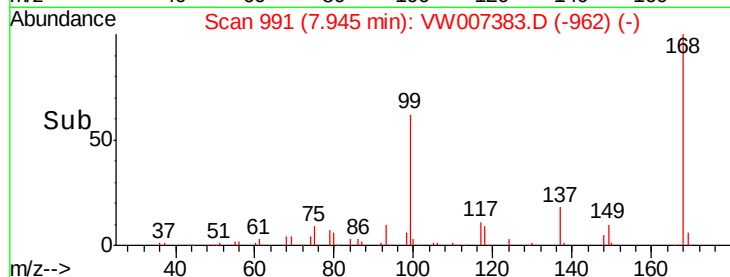
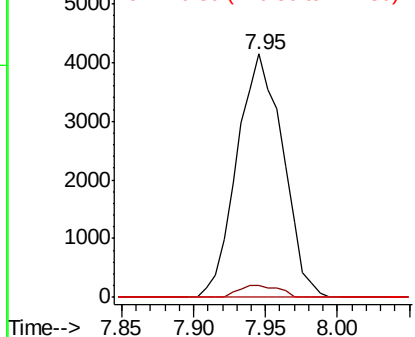
#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampled :
TP-3

Tgt Ion: 117 Resp: 9178
Ion Ratio Lower Upper
117 100
119 4.7 74.3 111.5#
121 0.0 24.3 36.5#

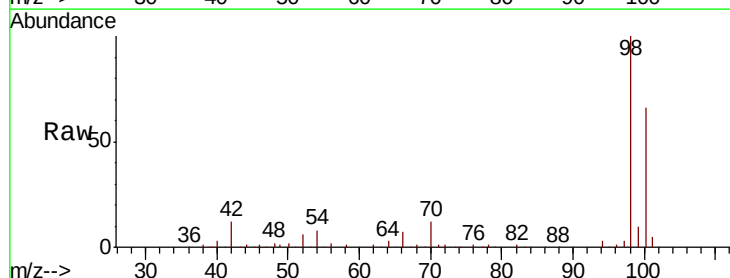


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

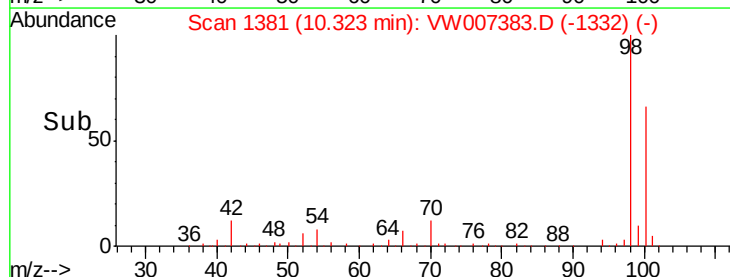
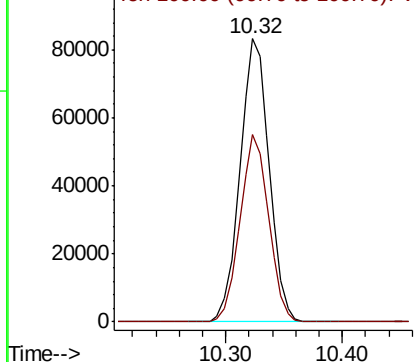


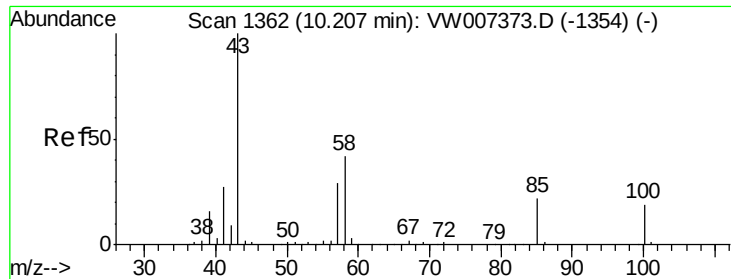
#50
Toluene-d8
Concen: 39.438 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

Tgt Ion: 98 Resp: 144931
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 1.034 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007383.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampled :

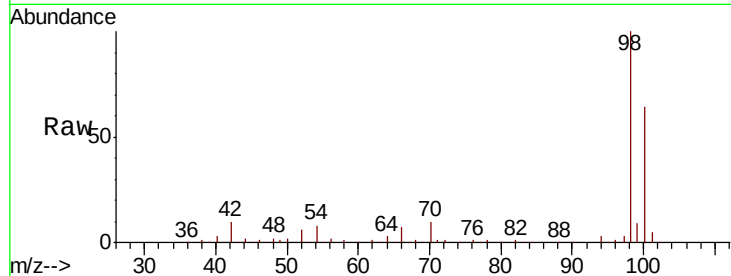
TP-3

Tgt Ion: 43 Resp: 530

Ion Ratio Lower Upper

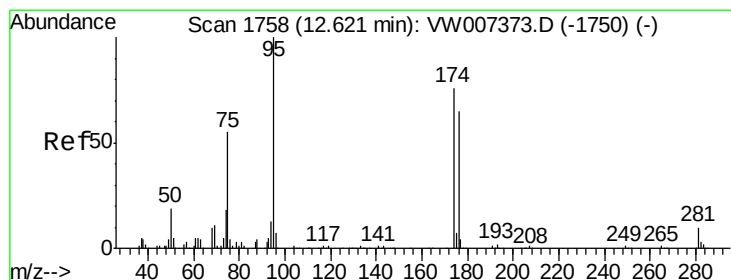
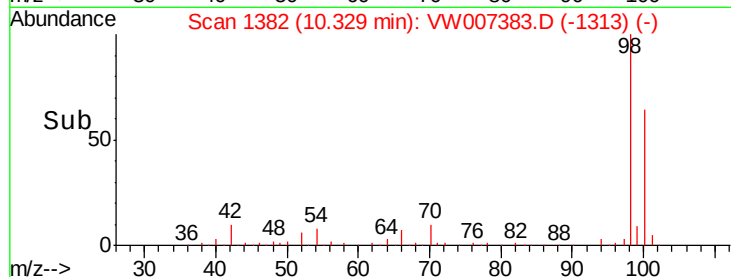
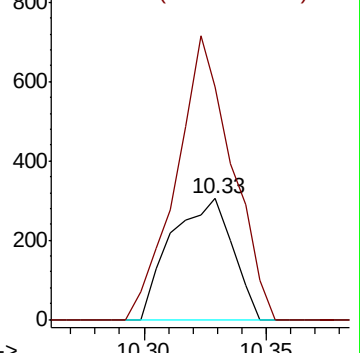
43 100

58 213.8 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 41.371 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007383.D

Acq: 11 Dec 2018 05:16

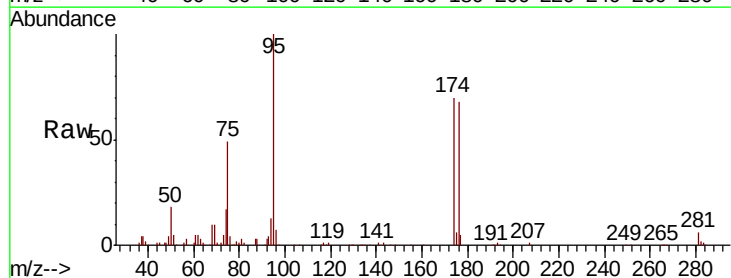
Tgt Ion: 95 Resp: 55899

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.2

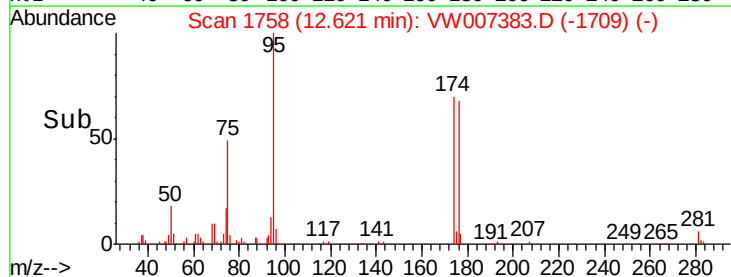
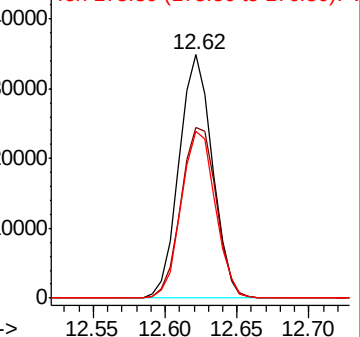
176 70.0 0.0 138.8

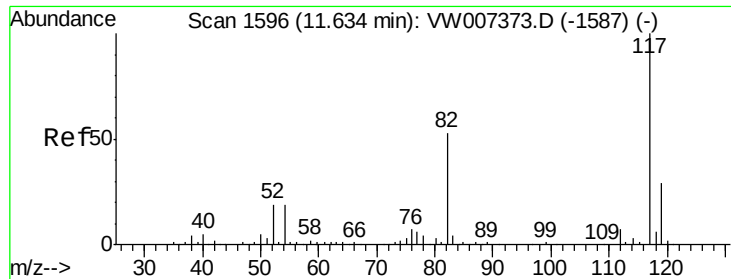


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

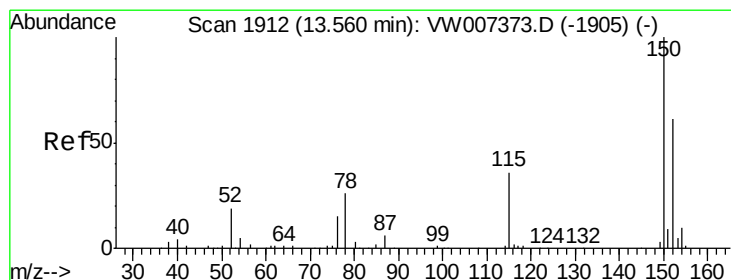
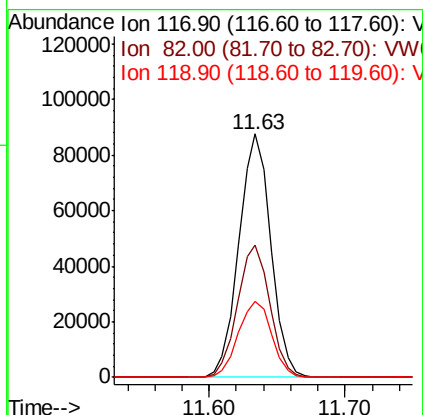
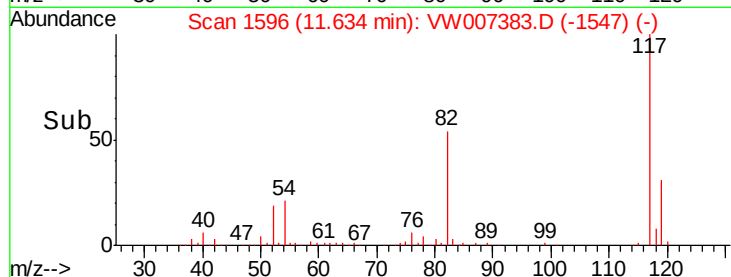
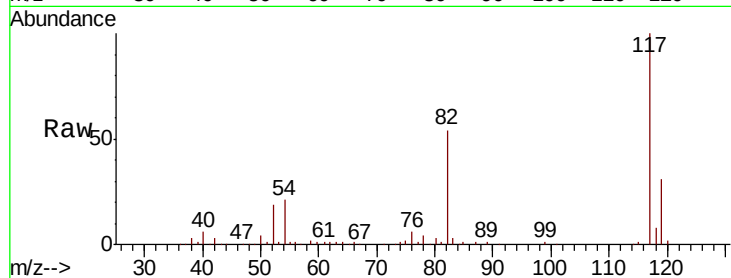




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

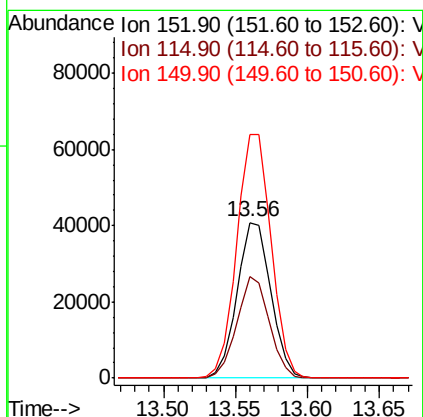
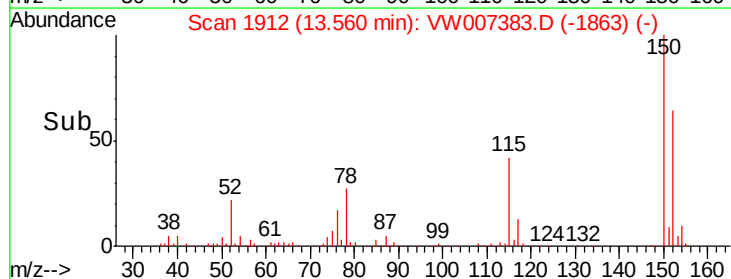
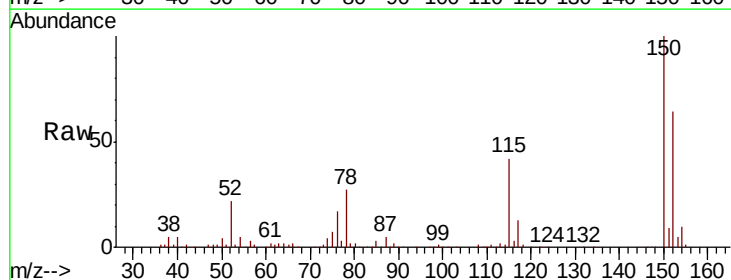
Instrument :
MSVOA_W
ClientSampled :
TP-3

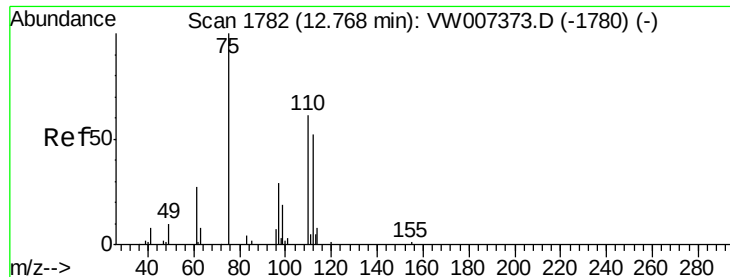
Tgt Ion:117 Resp: 143284
Ion Ratio Lower Upper
117 100
82 54.4 42.3 63.5
119 31.4 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007383.D
Acq: 11 Dec 2018 05:16

Tgt Ion:152 Resp: 66317
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 159.5 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 50.175 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007383.D

Acq: 11 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

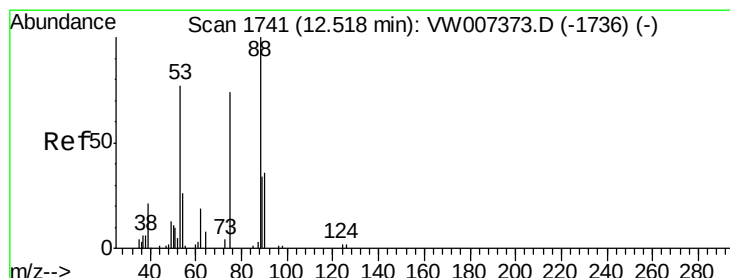
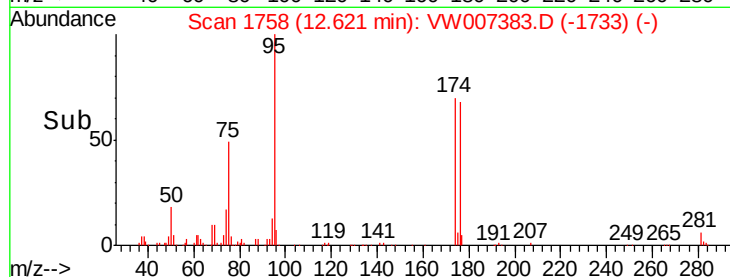
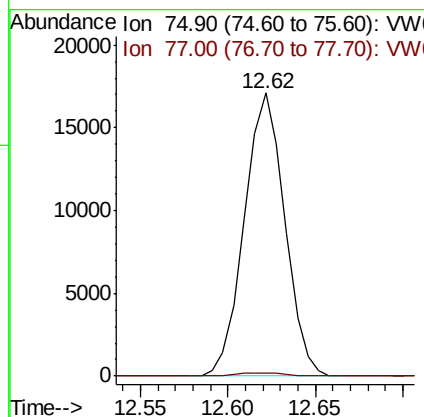
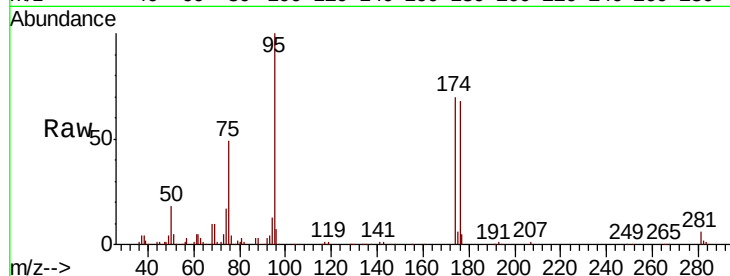
TP-3

Tgt Ion: 75 Resp: 27436

Ion Ratio Lower Upper

75 100

77 1.2 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.838 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007383.D

Acq: 11 Dec 2018 05:16

Tgt Ion: 75 Resp: 27436

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

