

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007193.D
 Acq On : 04 Dec 2018 17:47
 Operator : SY/AP
 Sample : J6168-16
 Misc : 4.84G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S4

Quant Time: Dec 05 05:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	110887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	177674	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	163103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74949	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	51375	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	48219	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	10.33	98	197941	44.17	ug/l	0.00
Spiked Amount			Recovery	=	88.34%	
62) 4-Bromofluorobenzene	12.62	95	77533	45.84	ug/l	0.00
Spiked Amount			Recovery	=	91.68%	

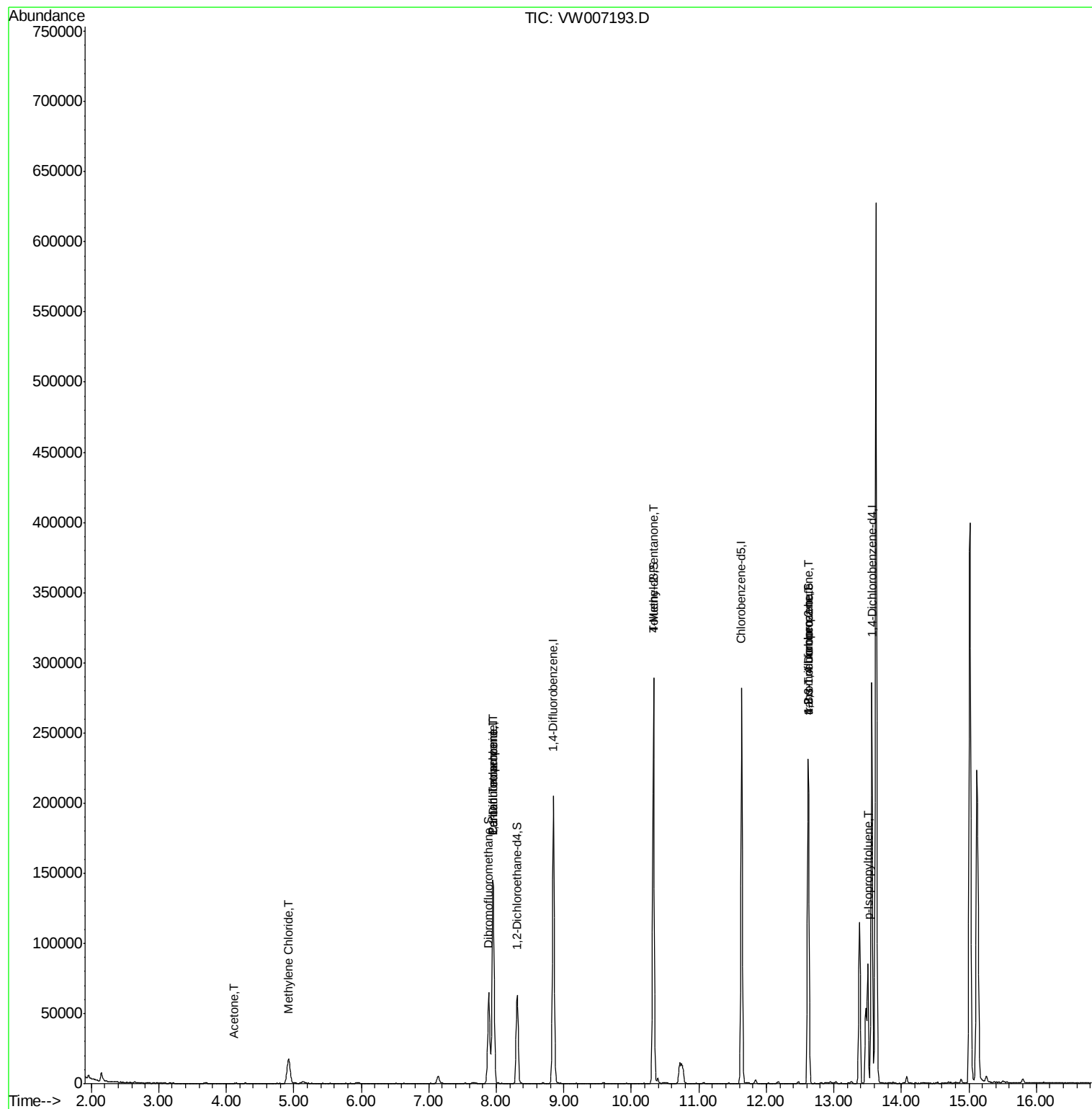
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.14	59	1413	Below Cal	#	75
16) Acetone	4.12	43	282	1.154	ug/l #	45
20) Methylene Chloride	4.93	84	14710	7.520	ug/l	93
36) 1,1-Dichloropropene	7.95	75	8473	4.901	ug/l #	49
38) Carbon Tetrachloride	7.95	117	10932	6.195	ug/l #	16
51) 4-Methyl-2-Pentanone	10.33	43	759	1.268	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	38074	33.804	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	38074	141.406	ug/l #	13
86) p-Isopropyltoluene	13.51	119	47037	8.122	ug/l	93

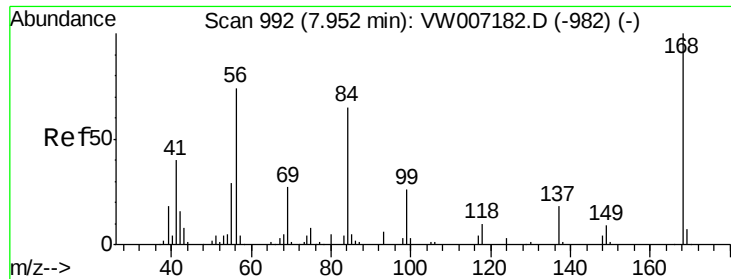
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 04 14:18:19 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

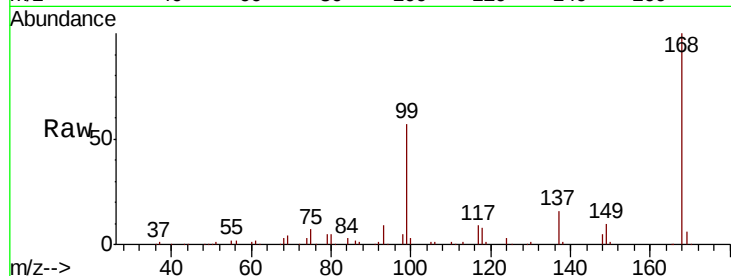
Instrument :
MSVOA_W
ClientSampled :
S4

Tot Ion:168 Resp: 110887

Ion Ratio Lower Upper

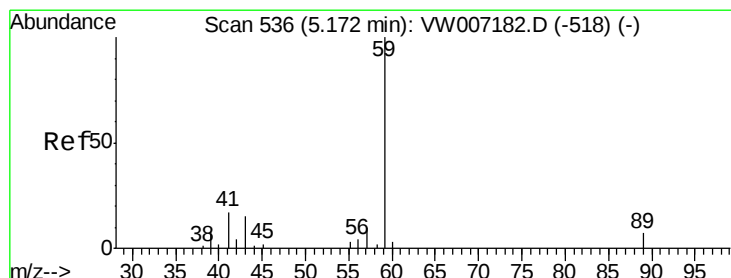
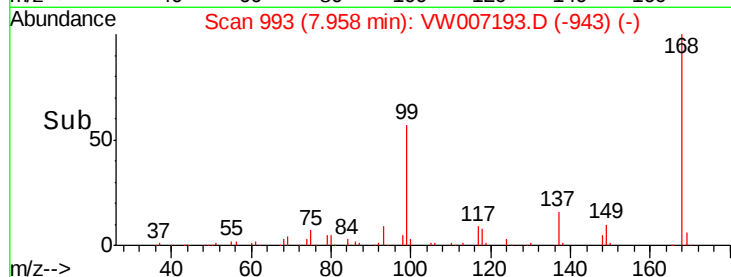
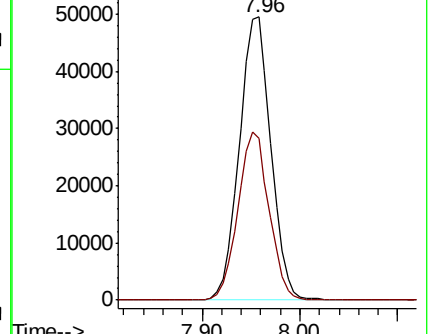
168 100

99 57.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.14 min Scan# 531

Delta R.T. -0.03 min

Lab File: VW007193.D

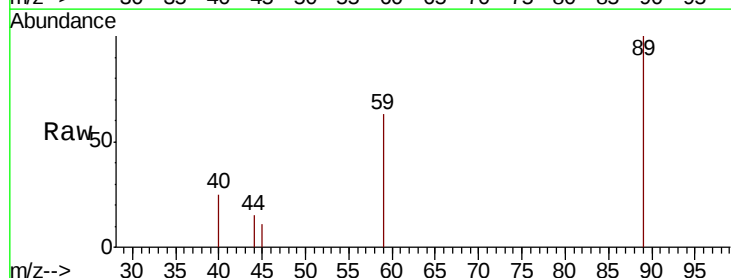
Acq: 04 Dec 2018 17:47

Tgt Ion: 59 Resp: 1413

Ion Ratio Lower Upper

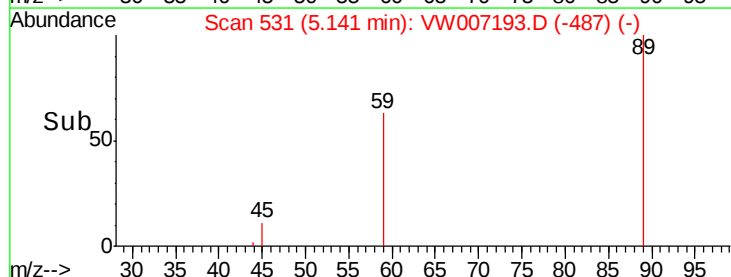
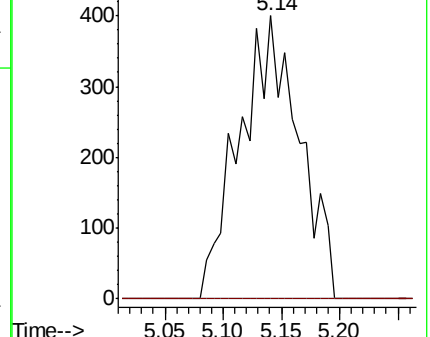
59 100

57 0.0 7.1 10.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 1.154 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

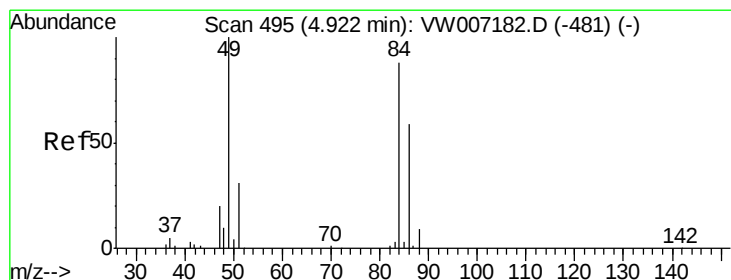
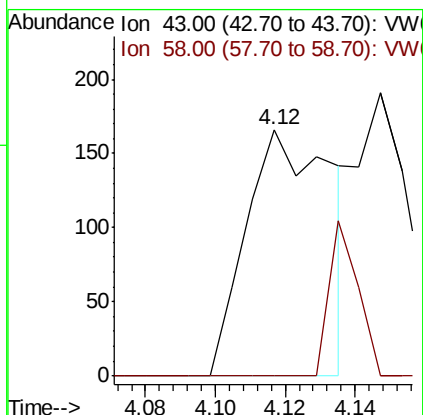
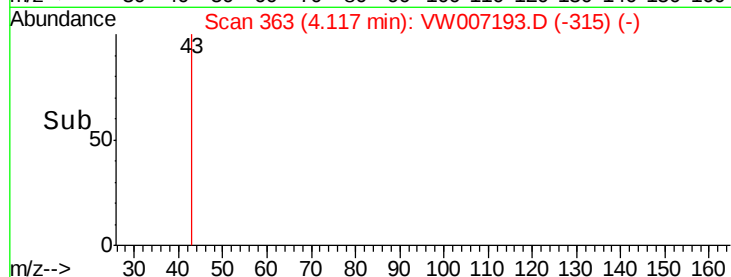
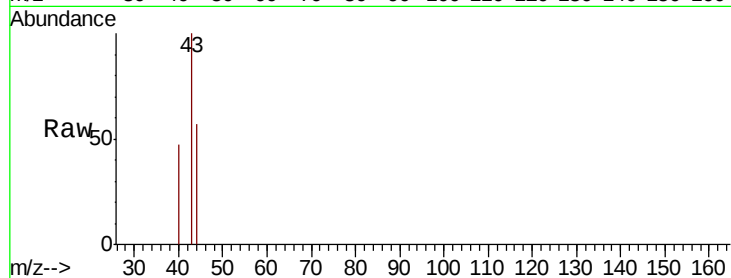
S4

Tot Ion: 43 Resp: 282

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#



#20

Methylene Chloride

Concen: 7.520 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Tgt Ion: 84 Resp: 14710

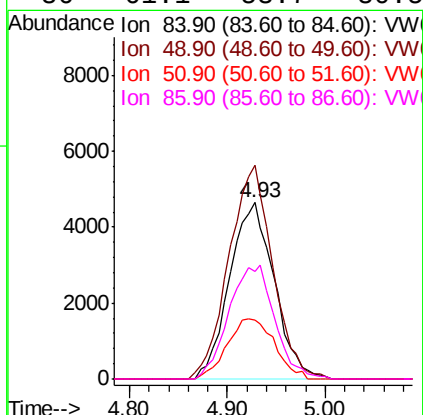
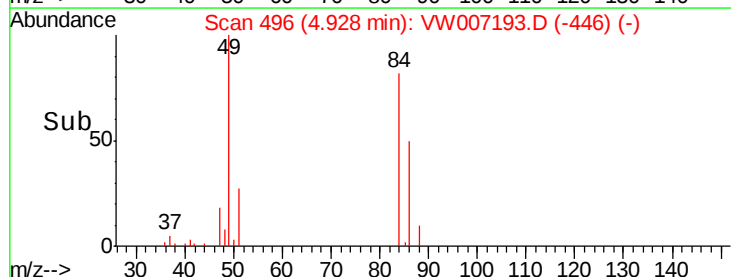
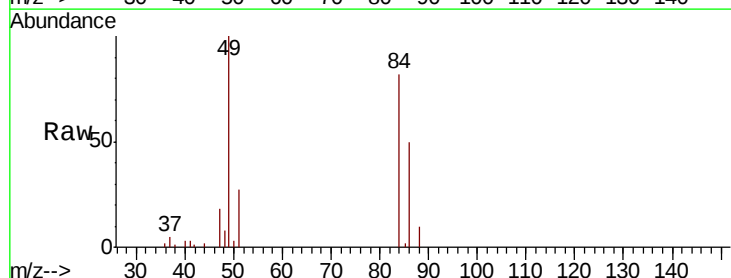
Ion Ratio Lower Upper

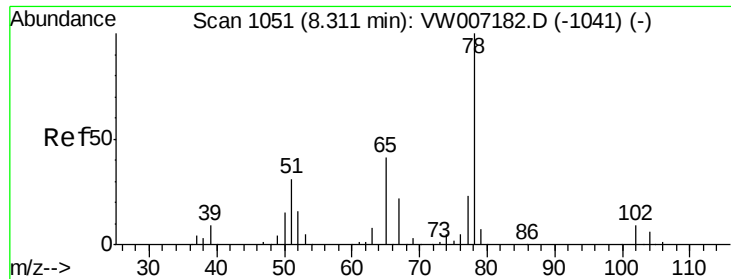
84 100

49 121.3 90.6 135.8

51 33.2 27.6 41.4

86 61.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 49.763 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

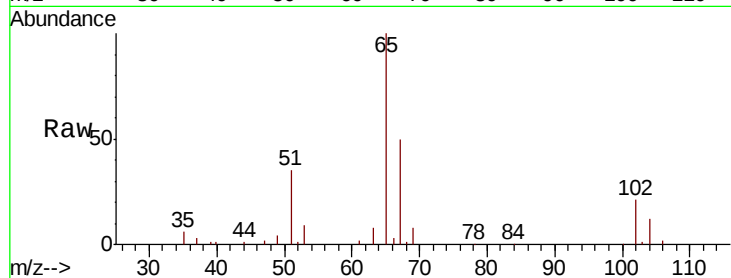
S4

Tot Ion: 65 Resp: 51375

Ion Ratio Lower Upper

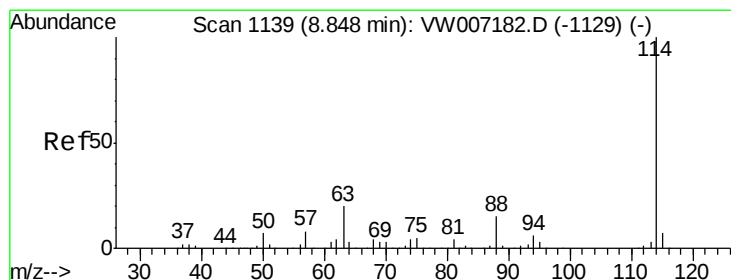
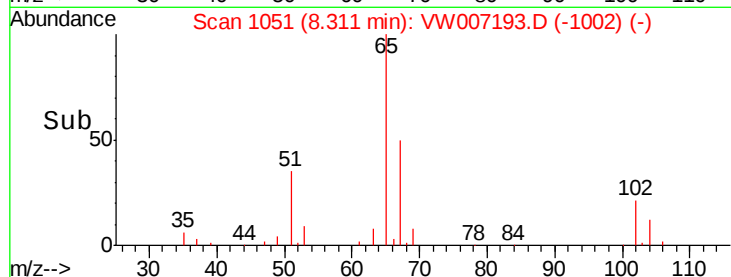
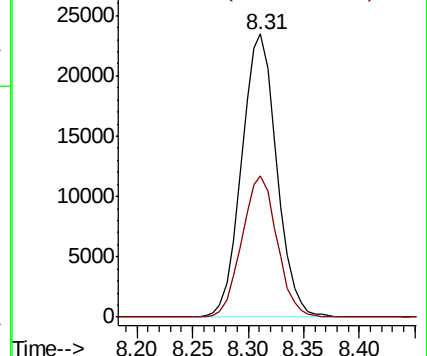
65 100

67 49.9 0.0 106.4



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: VW007193.D

Acq: 04 Dec 2018 17:47

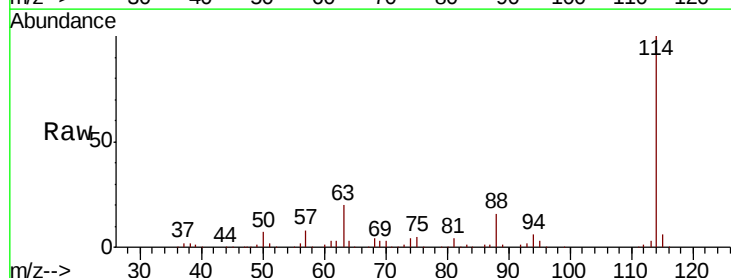
Tgt Ion: 114 Resp: 177674

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

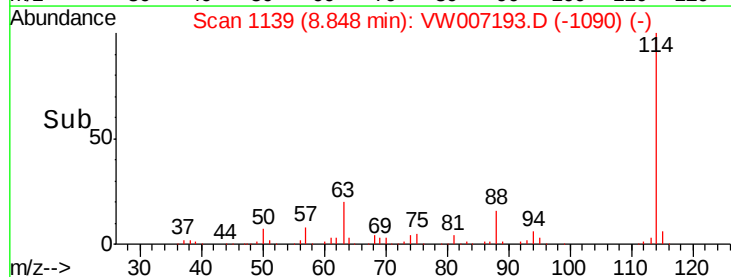
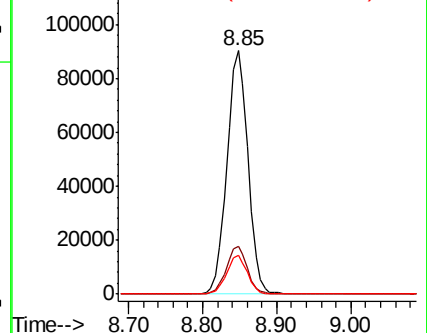
88 16.0 0.0 30.0

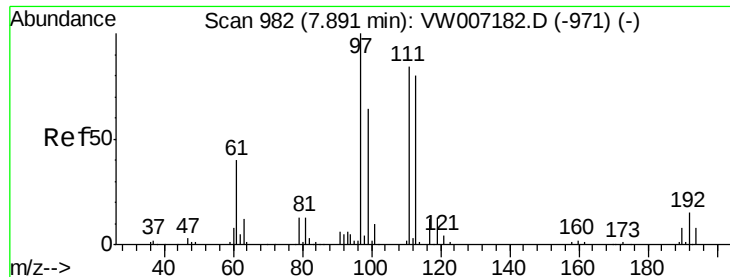


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

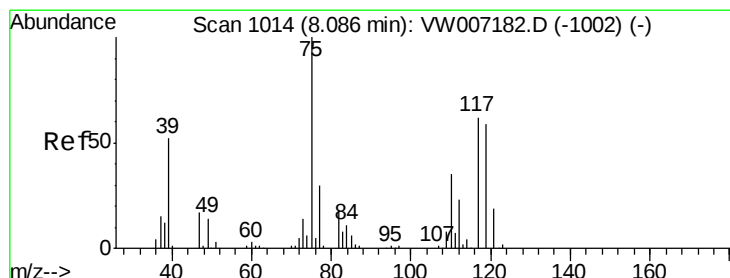
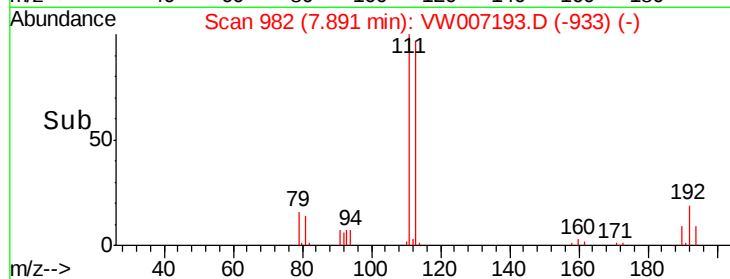
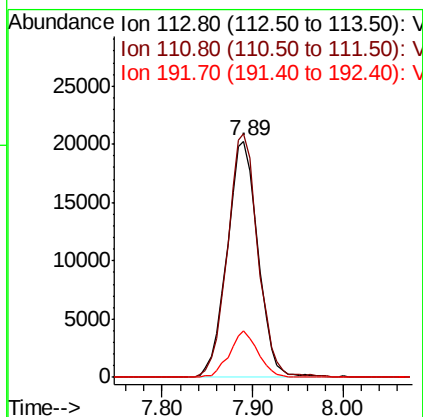
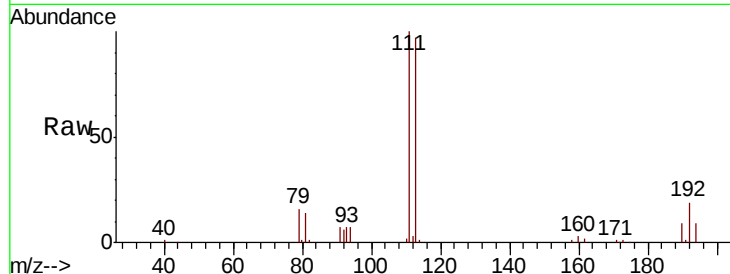




#35
 Dibromofluoromethane
 Concen: 47.396 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW007193.D
 Acq: 04 Dec 2018 17:47

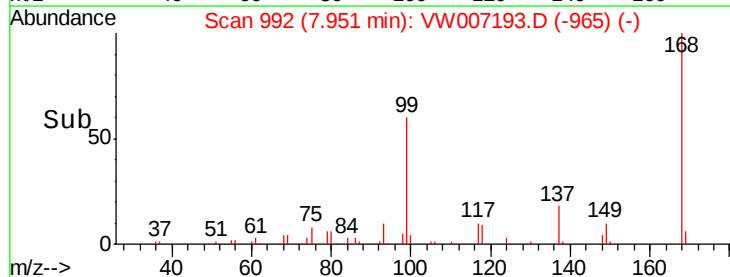
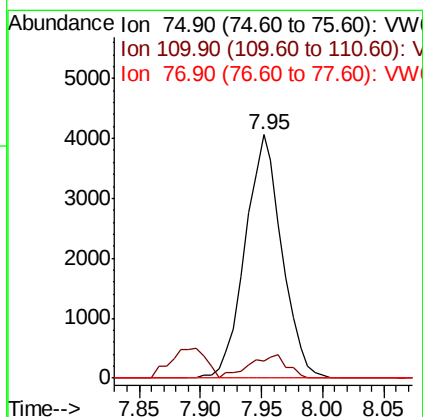
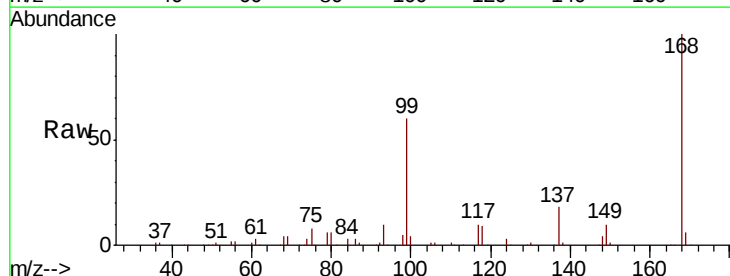
Instrument :
 MSVOA_W
 ClientSampled :
 S4

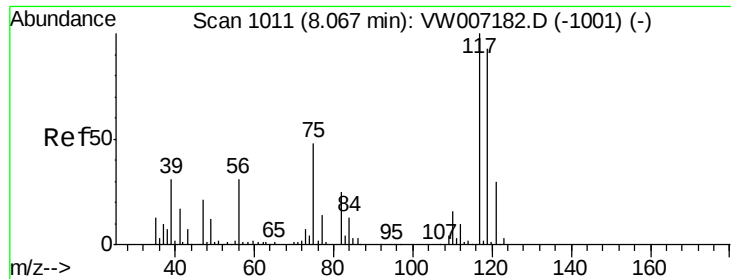
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	18.2	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.901 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007193.D
 Acq: 04 Dec 2018 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.3	54.9#
77	0.0	24.9	37.3#

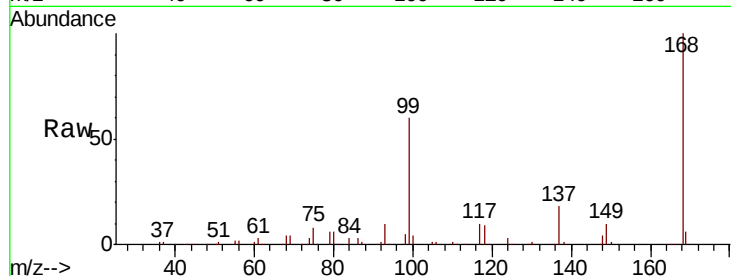




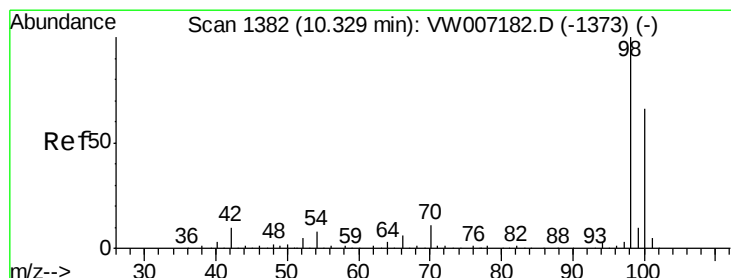
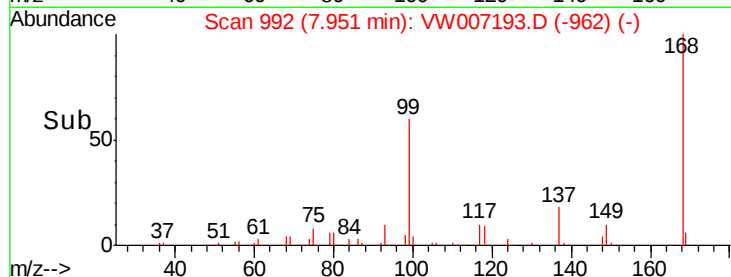
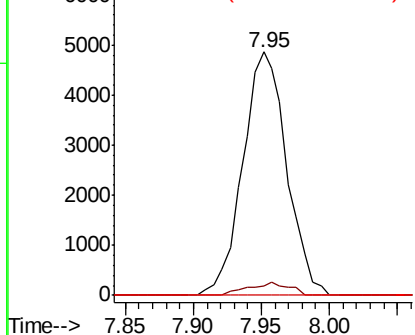
#38
Carbon Tetrachloride
Concen: 6.195 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Instrument :
MSVOA_W
ClientSampleId :
S4

Tot Ion:117 Resp: 10932
Ion Ratio Lower Upper
117 100
119 3.7 74.1 111.1#
121 0.0 23.9 35.9#

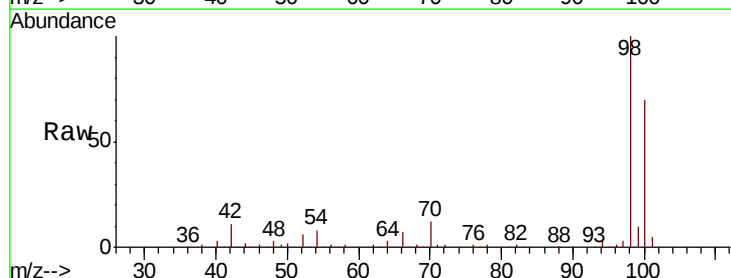


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

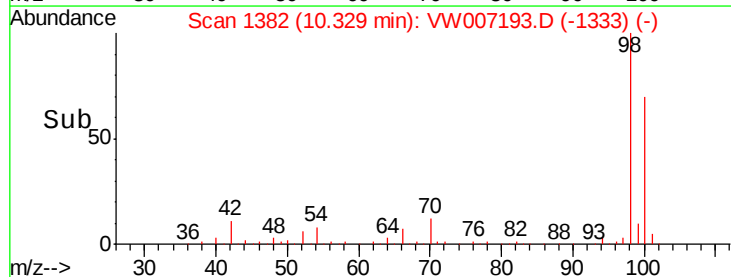
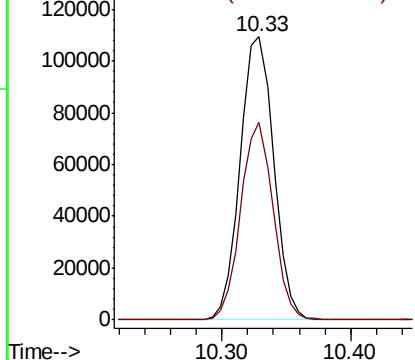


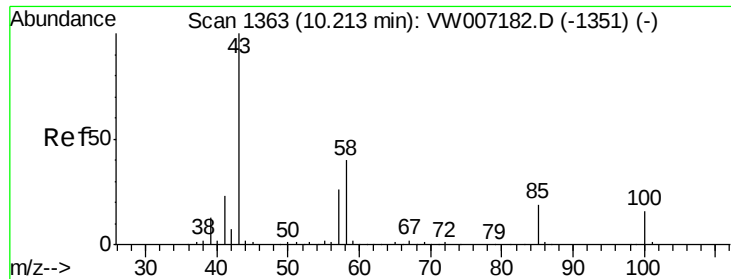
#50
Toluene-d8
Concen: 44.169 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Tgt Ion: 98 Resp: 197941
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 1.268 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

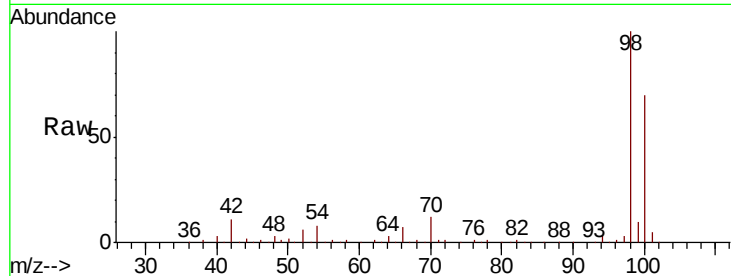
S4

Tot Ion: 43 Resp: 759

Ion Ratio Lower Upper

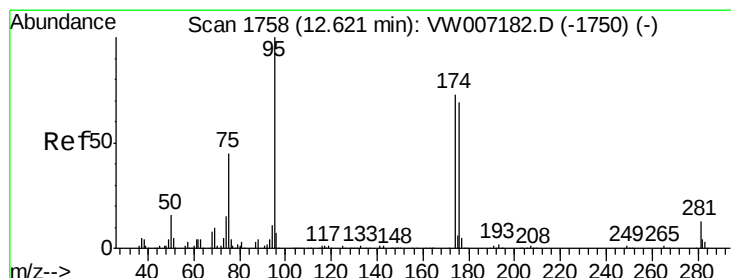
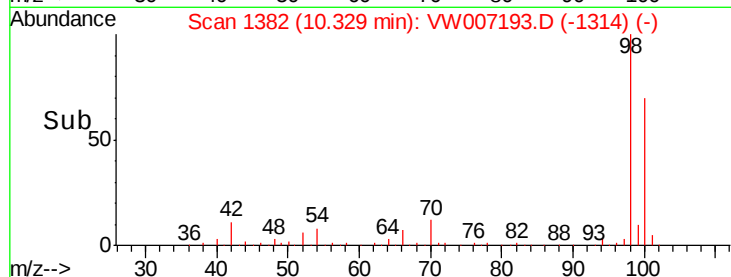
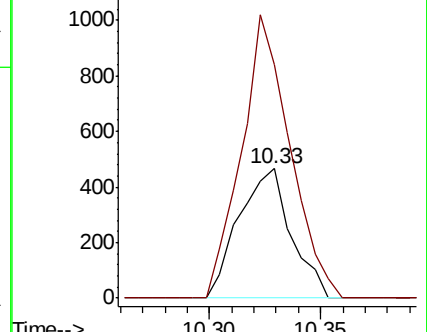
43 100

58 203.8 32.3 48.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#62

4-Bromofluorobenzene

Concen: 45.837 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

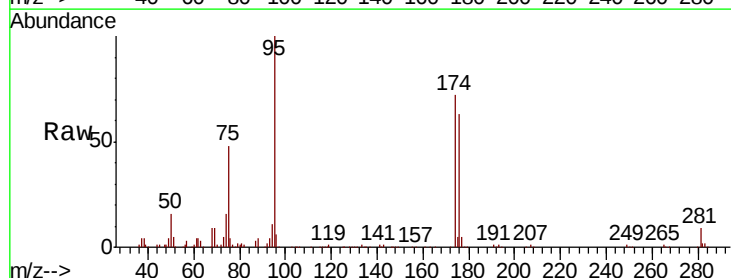
Tgt Ion: 95 Resp: 77533

Ion Ratio Lower Upper

95 100

174 74.6 0.0 148.0

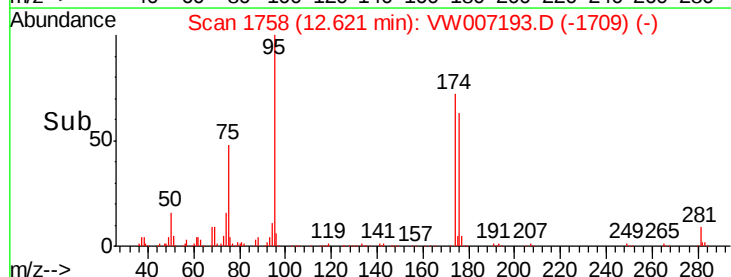
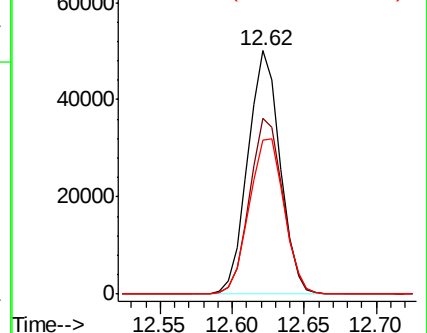
176 69.2 0.0 139.4

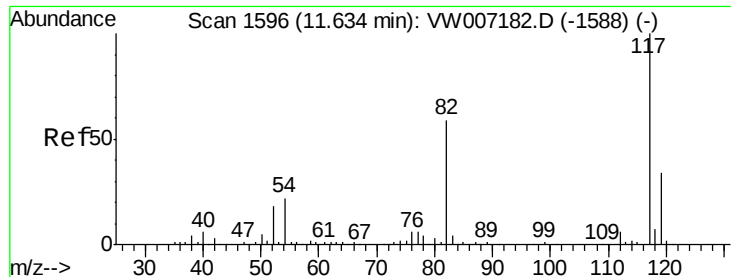


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

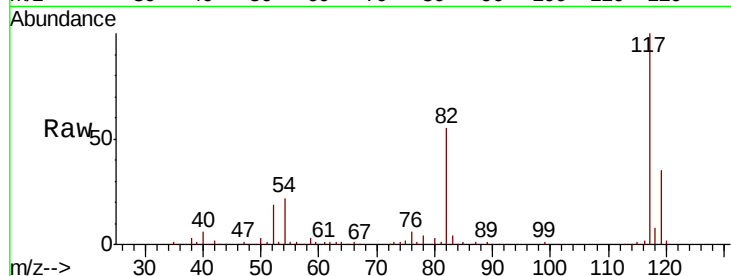




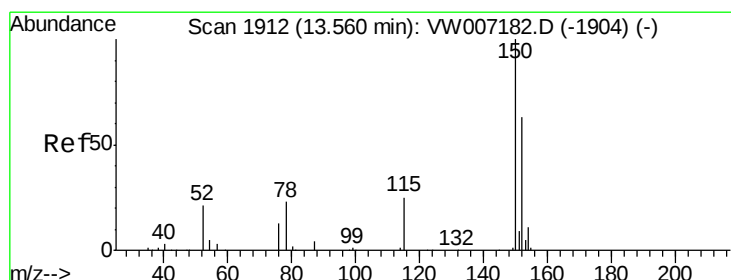
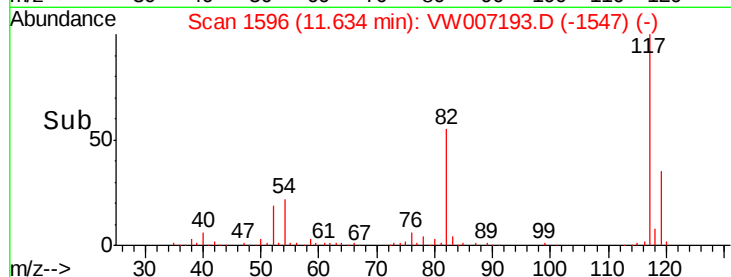
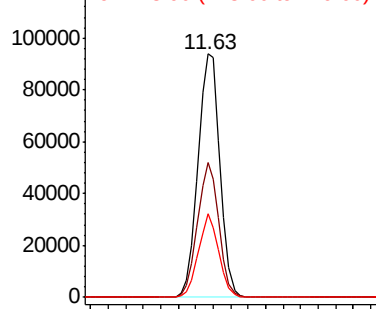
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Instrument :
MSVOA_W
ClientSampleId :
S4

Tot Ion:117 Resp: 163103
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 34.5 26.8 40.2

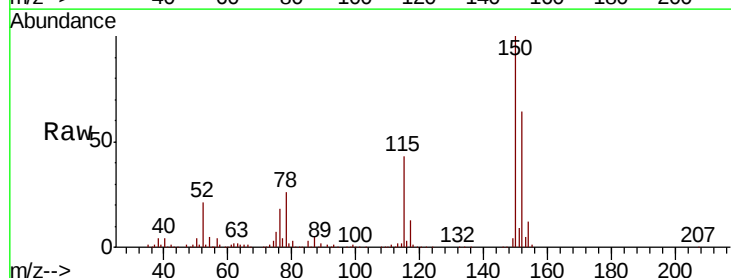


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

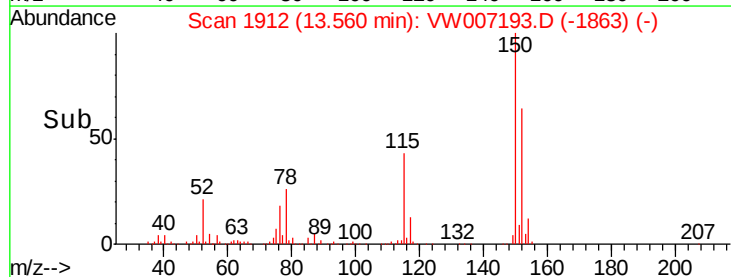
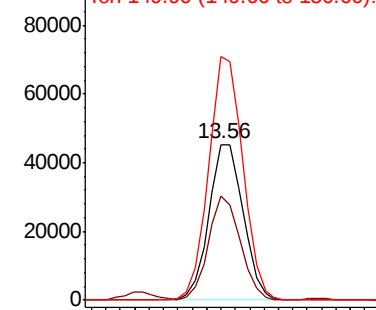


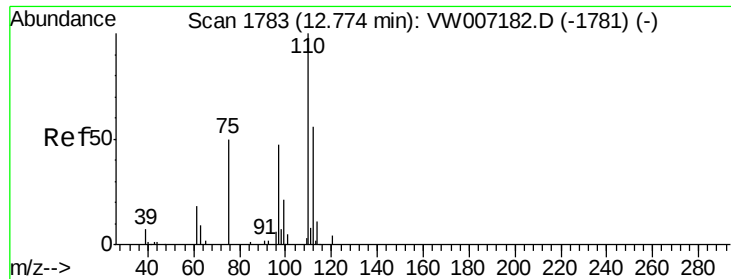
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007193.D
Acq: 04 Dec 2018 17:47

Tgt Ion:152 Resp: 74949
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 156.1 0.0 358.0



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: 33.804 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

Instrument :

MSVOA_W

ClientSampled :

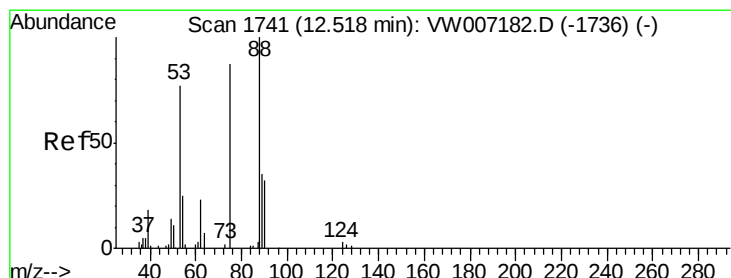
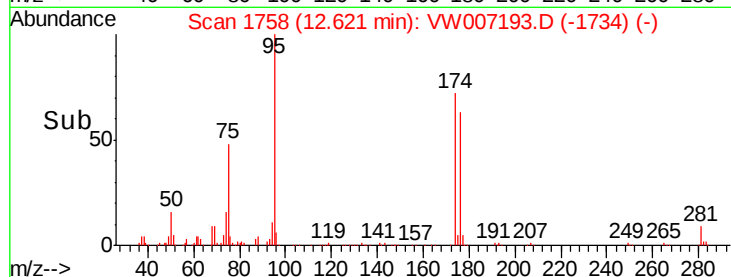
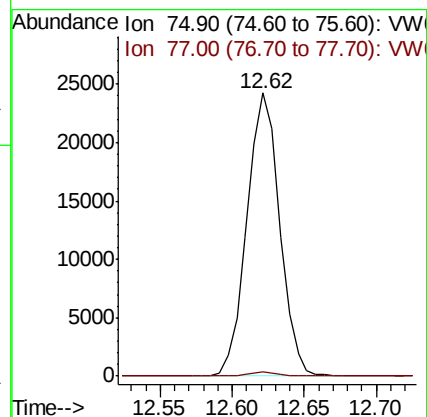
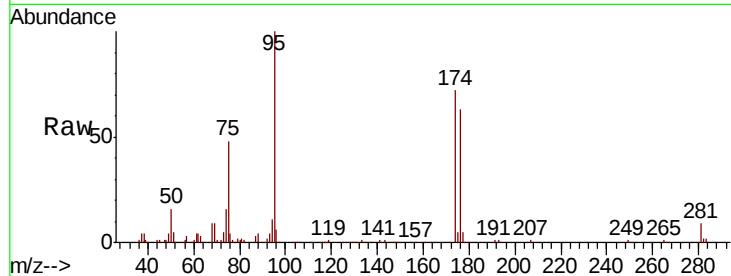
S4

Tot Ion: 75 Resp: 38074

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 141.406 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007193.D

Acq: 04 Dec 2018 17:47

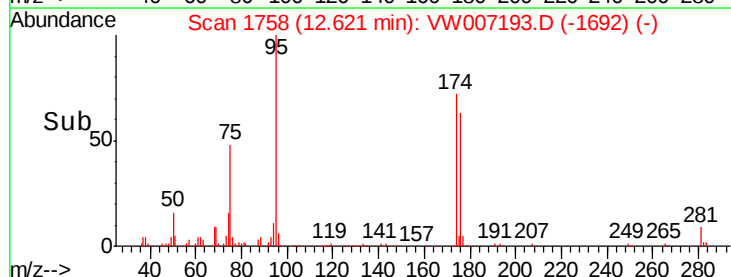
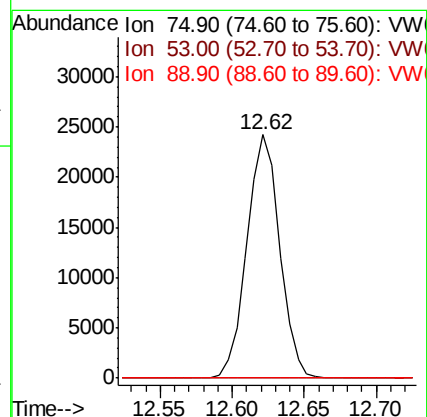
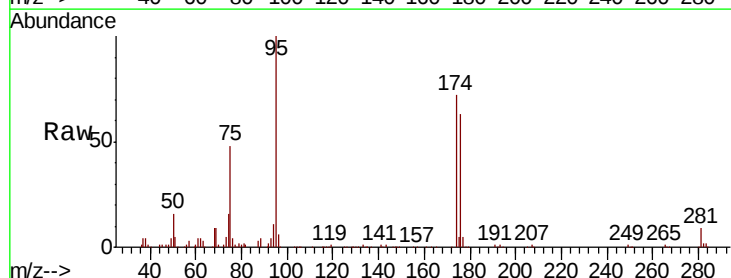
Tgt Ion: 75 Resp: 38074

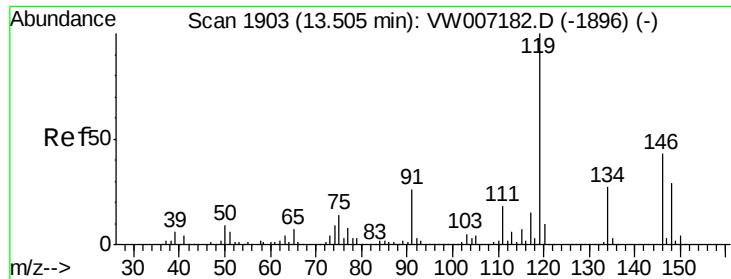
Ion Ratio Lower Upper

75 100

53 0.0 72.8 109.2#

89 0.2 36.4 54.6#





#86
 p-Isopropyltoluene
 Concen: 8.122 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007193.D
 Acq: 04 Dec 2018 17:47

Instrument :
 MSVOA_W
 ClientSampleId :
 S4

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.2	39.6
91	31.3	12.4	37.2

