

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004012.D
 Acq On : 18 Jul 2018 05:11
 Operator : VA/AP
 Sample : J3958-01RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CS-STONERE

Quant Time: Jul 18 07:43:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

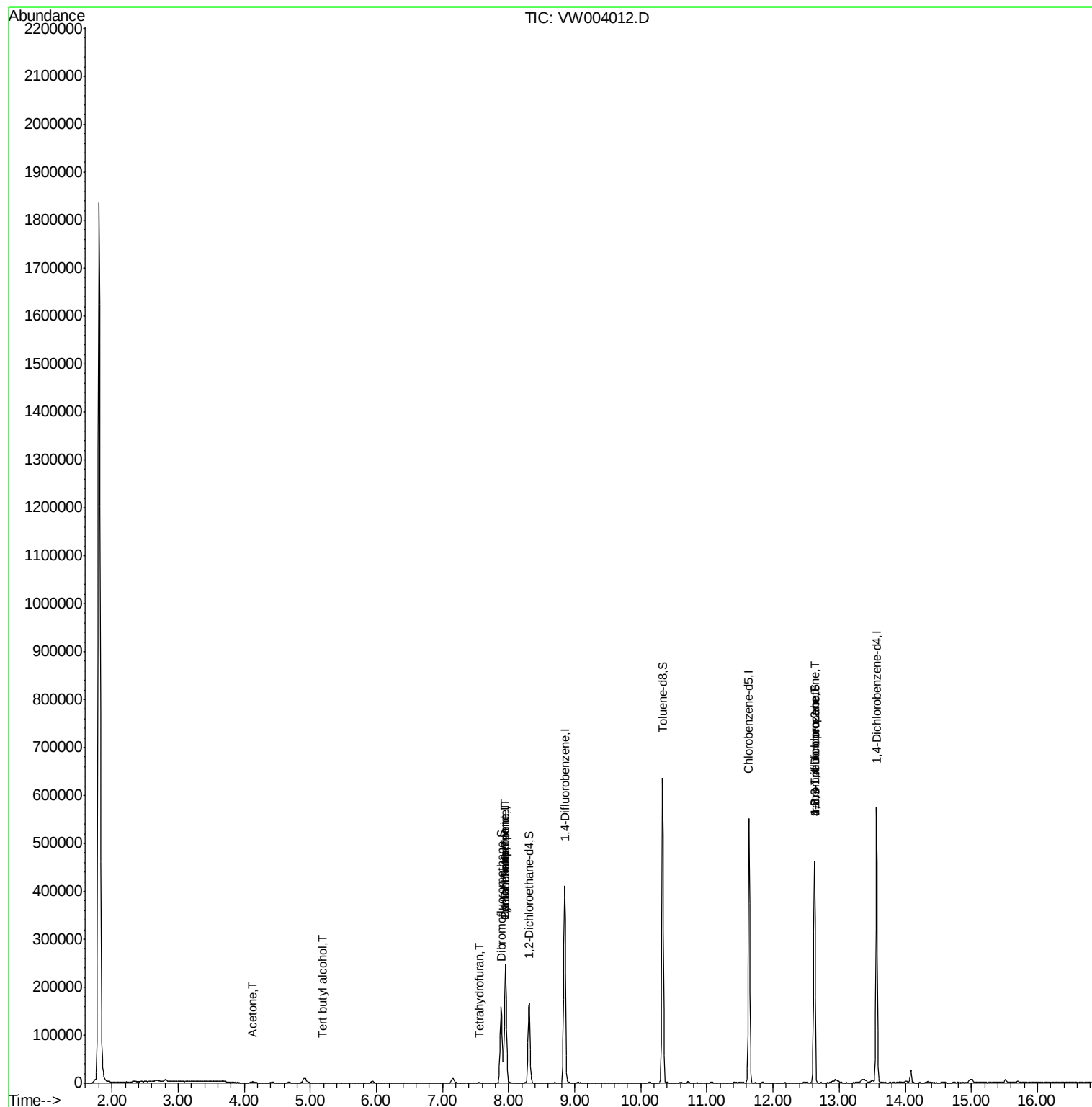
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	175250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	325296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	299651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	144707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	134243	68.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	137.06%	
35) Dibromofluoromethane	7.89	113	114491	54.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.70%	
50) Toluene-d8	10.33	98	404844	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.63	95	140025	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.19	59	162	1.198	ug/l #	72
16) Acetone	4.13	43	4606	9.785	ug/l	93
20) Methylene Chloride	4.91	84	8902	Below Cal		90
29) Tetrahydrofuran	7.55	42	545	1.381	ug/l #	39
31) Cyclohexane	7.95	56	4362	1.342	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	14837	4.433	ug/l #	51
38) Carbon Tetrachloride	7.96	117	17874	5.716	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	74101	51.581	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	74101	114.095	ug/l #	11

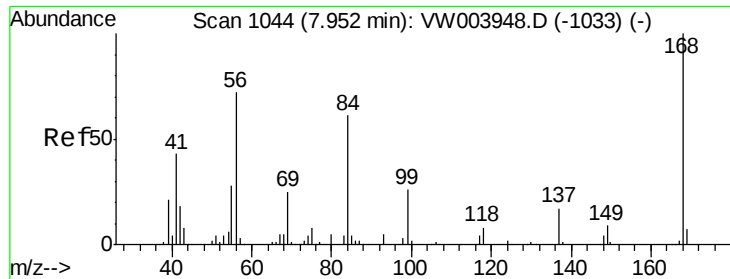
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004012.D
Acq On : 18 Jul 2018 05:11
Operator : VA/AP
Sample : J3958-01RE
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CS-STONERE

Quant Time: Jul 18 07:43:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004012.D

Acq: 18 Jul 2018 05:11

Instrument :

MSVOA_W

ClientSampleId :

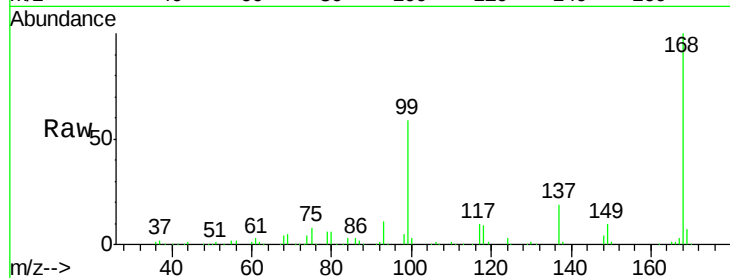
CS-STONERE

Tot Ion:168 Resp: 175250

Ion Ratio Lower Upper

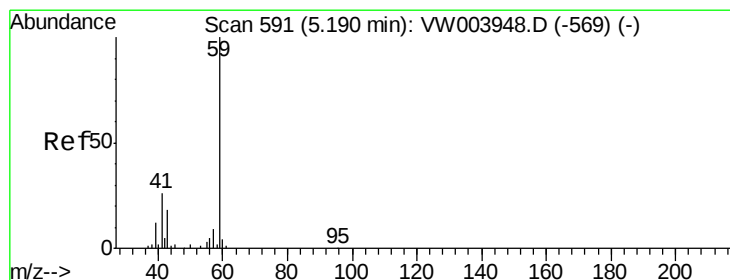
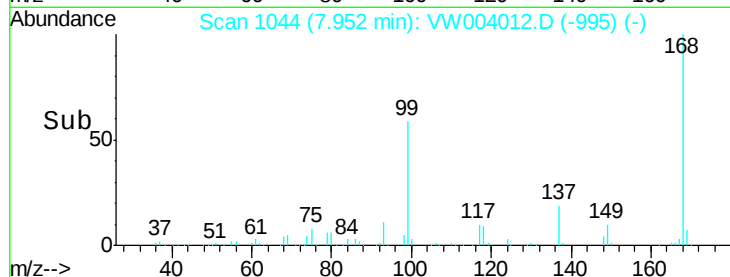
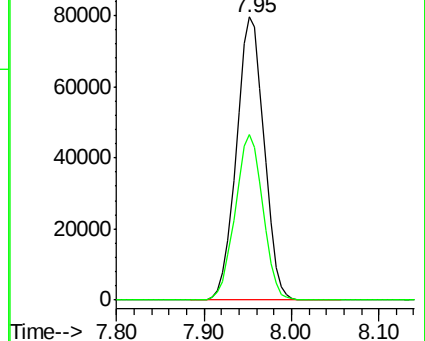
168 100

99 58.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.198 ug/l

RT: 5.19 min Scan# 591

Delta R.T. 0.00 min

Lab File: VW004012.D

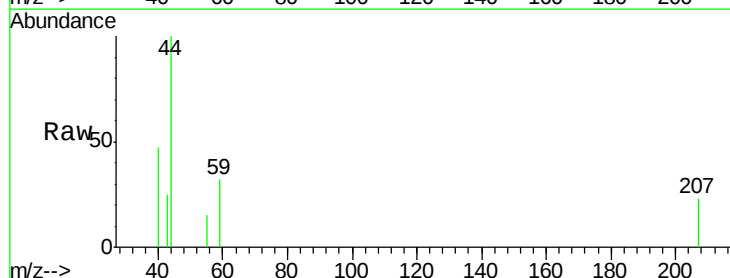
Acq: 18 Jul 2018 05:11

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

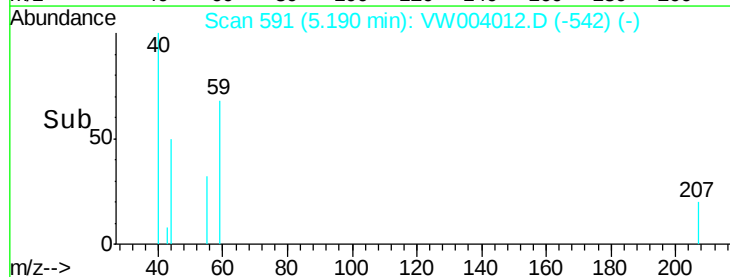
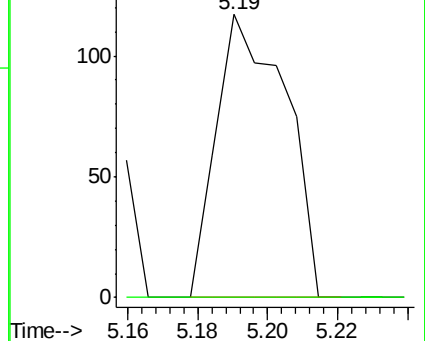
59 100

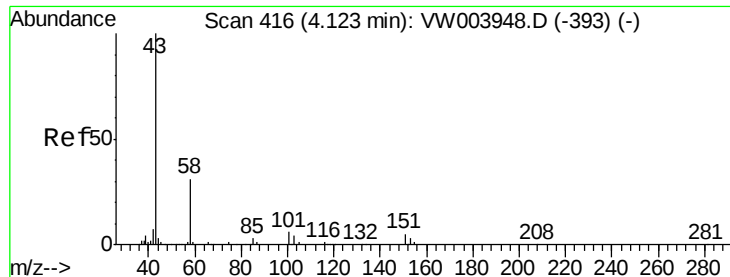
57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 9.785 ug/l

RT: 4.13 min Scan# 417

Delta R.T. 0.01 min

Lab File: VW004012.D

Acq: 18 Jul 2018 05:11

Instrument :

MSVOA_W

ClientSampleId :

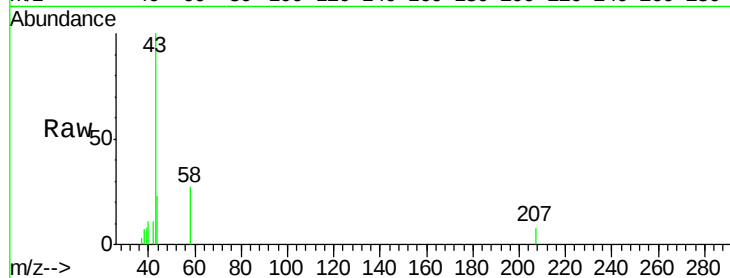
CS-STONERE

Tot Ion: 43 Resp: 4606

Ion Ratio Lower Upper

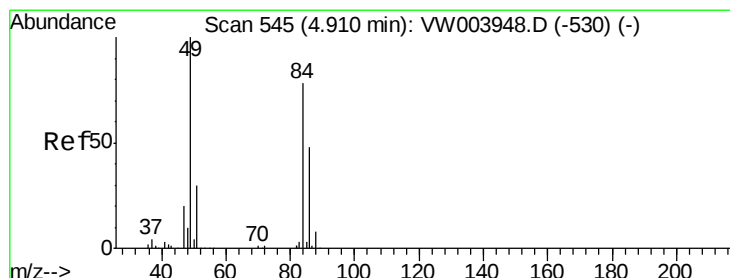
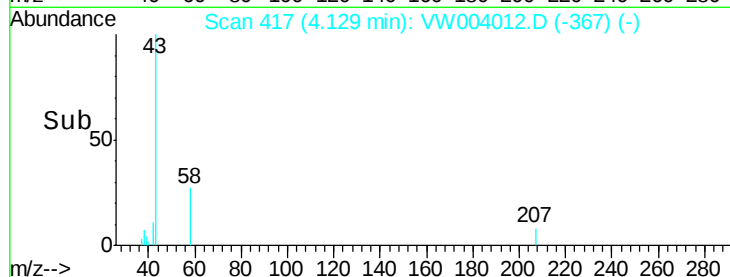
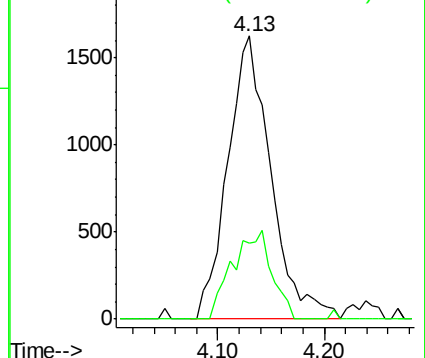
43 100

58 26.8 24.5 36.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004012.D

Acq: 18 Jul 2018 05:11

Tgt Ion: 84 Resp: 8902

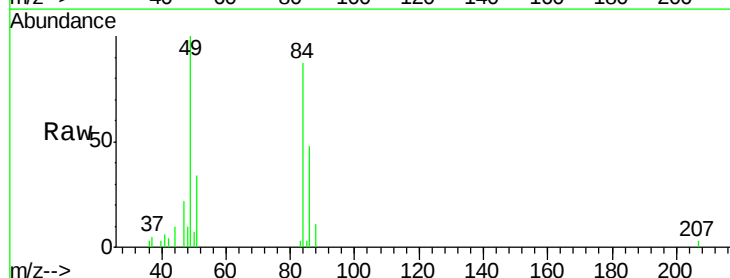
Ion Ratio Lower Upper

84 100

49 112.5 102.9 154.3

51 38.9 30.9 46.3

86 55.2 49.9 74.9

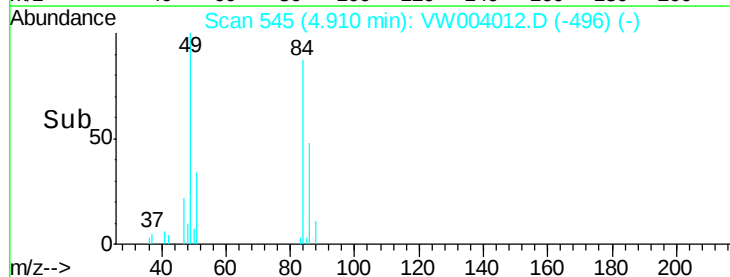
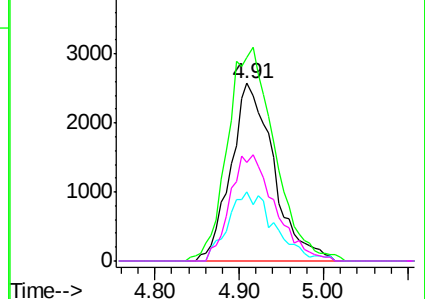


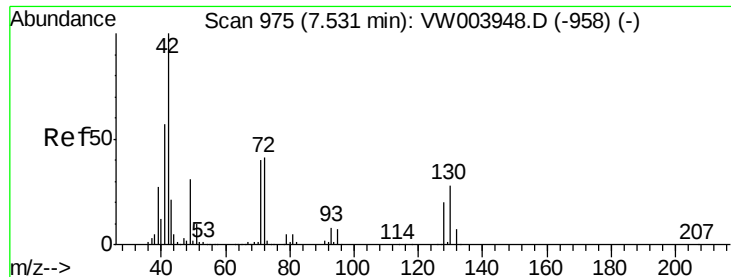
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

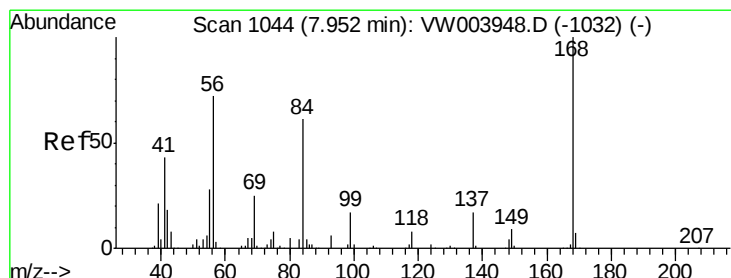
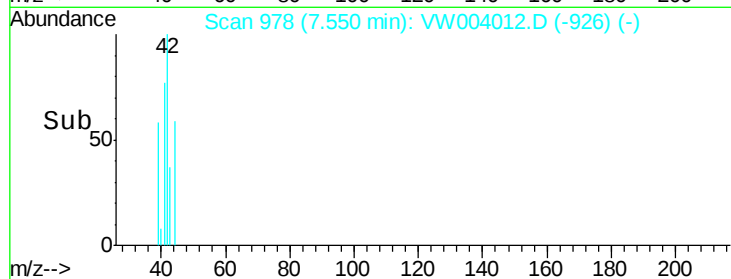
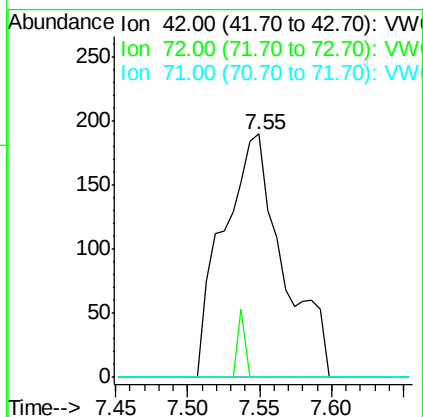
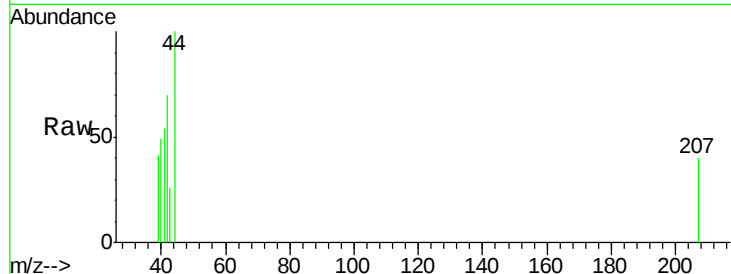




#29
Tetrahydrofuran
Concen: 1.381 ug/l
RT: 7.55 min Scan# 978
Delta R.T. 0.02 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

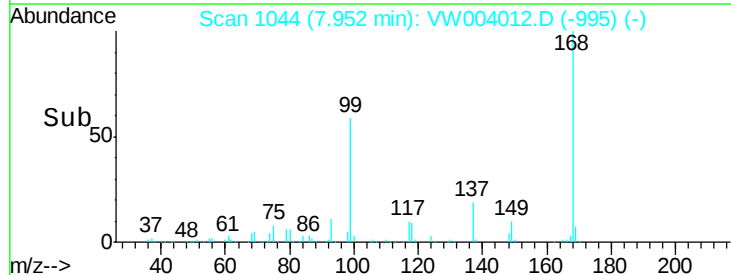
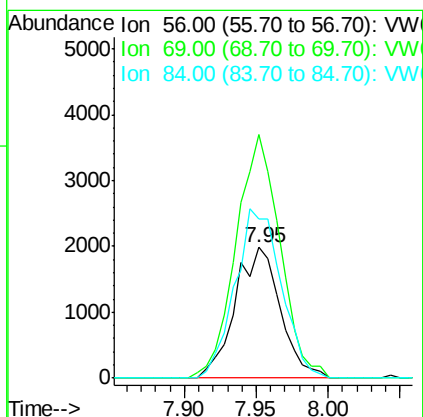
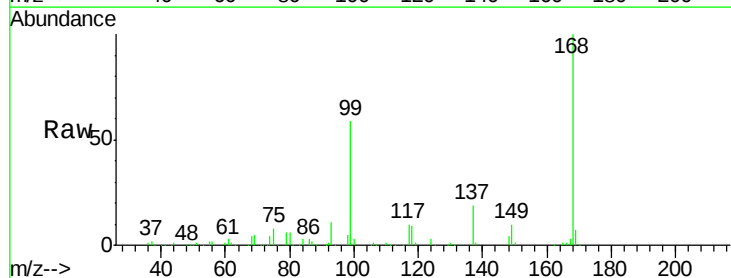
Instrument :
MSVOA_W
ClientSampleId :
CS-STONERE

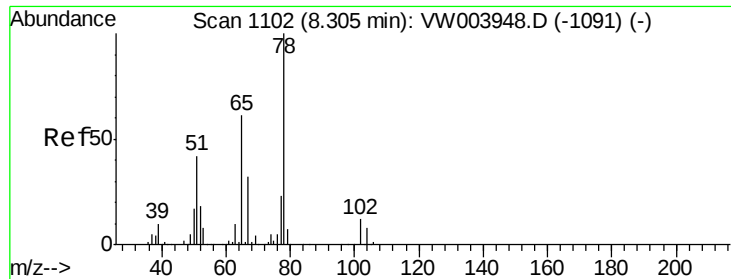
Tot Ion: 42 Resp: 545
Ion Ratio Lower Upper
42 100
72 3.5 32.6 48.8#
71 0.0 30.5 45.7#



#31
Cyclohexane
Concen: 1.342 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

Tgt Ion: 56 Resp: 4362
Ion Ratio Lower Upper
56 100
69 186.1 27.8 41.8#
84 121.7 67.2 100.8#

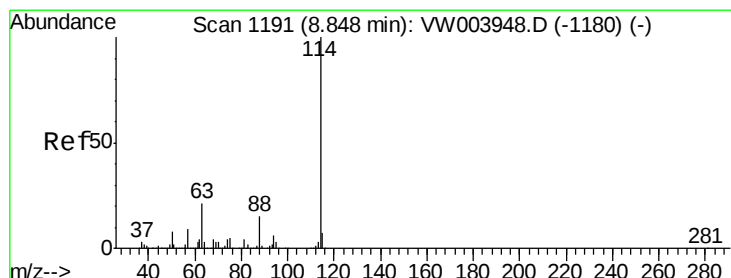
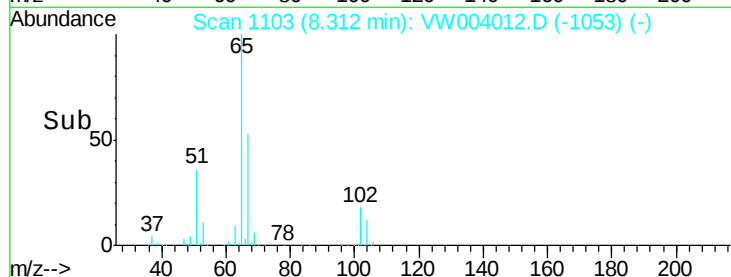
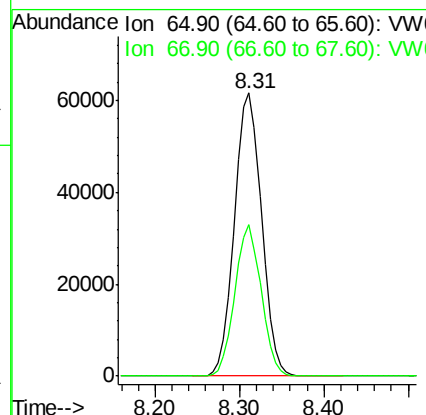
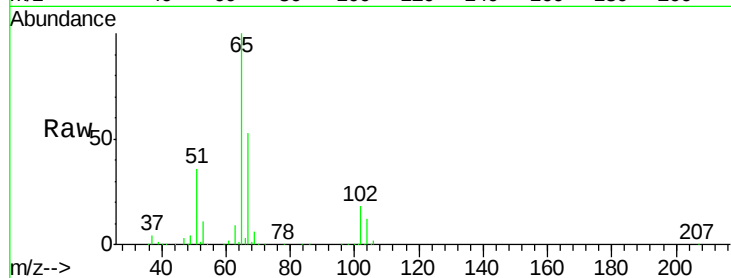




#33
 1,2-Dichloroethane-d4
 Concen: 68.528 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VW004012.D
 Acq: 18 Jul 2018 05:11

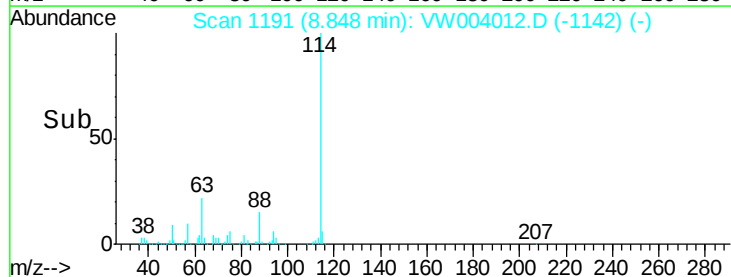
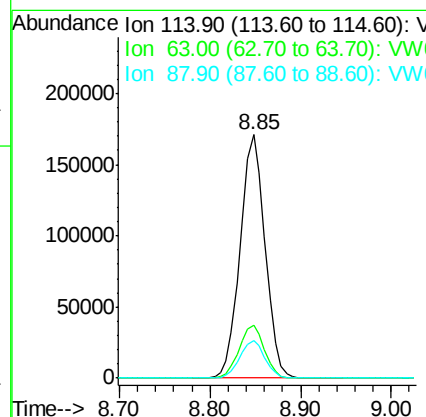
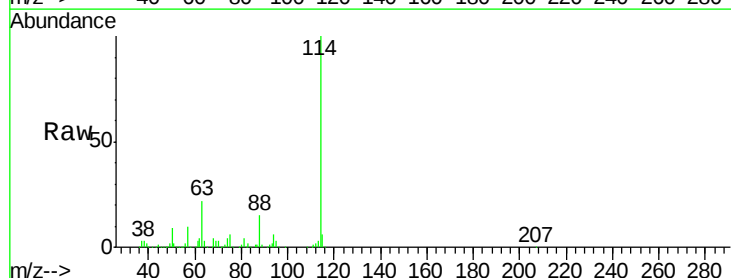
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-STONERE

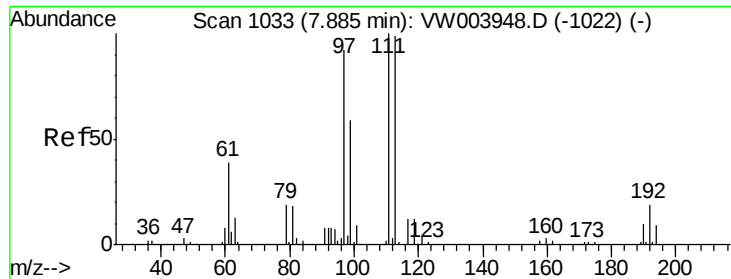
Tot Ion: 65 Resp: 134243
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW004012.D
 Acq: 18 Jul 2018 05:11

Tgt Ion: 114 Resp: 325296
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 42.8
 88 15.4 0.0 30.4

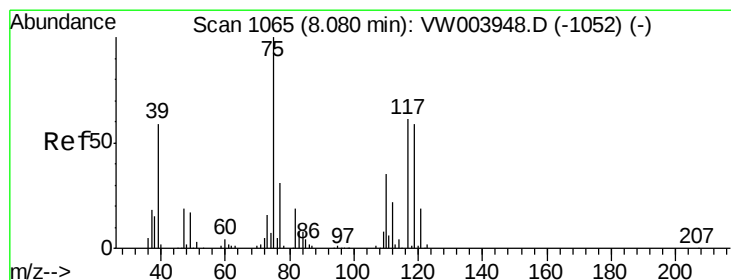
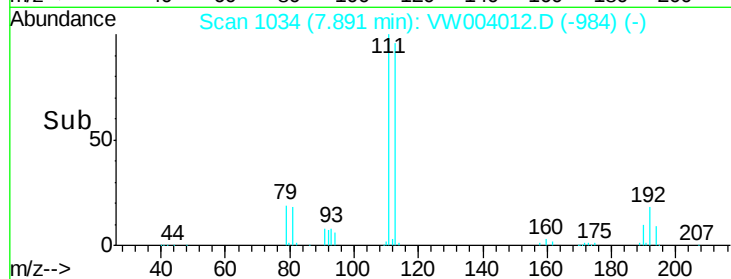
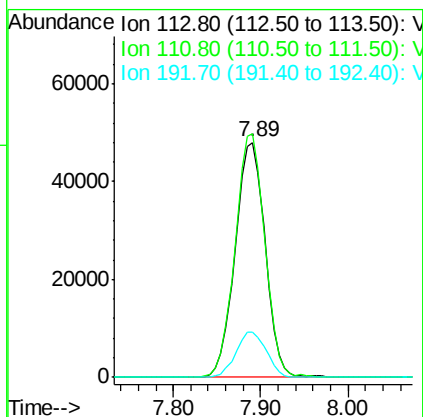
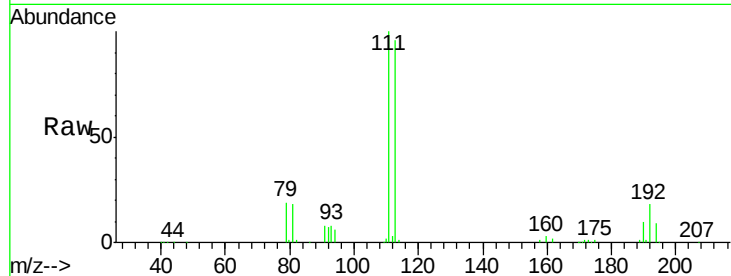




#35
 Dibromofluoromethane
 Concen: 54.854 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004012.D
 Acq: 18 Jul 2018 05:11

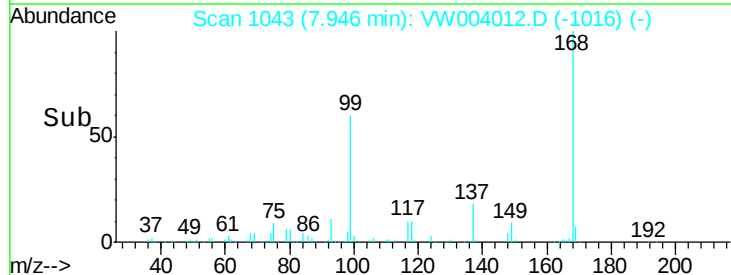
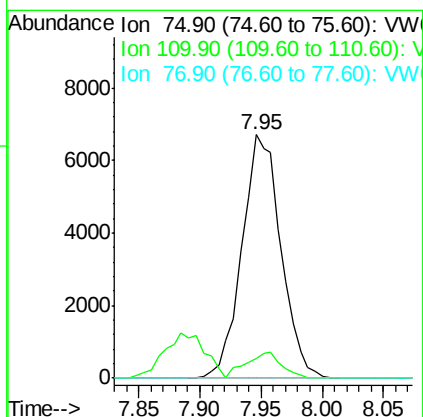
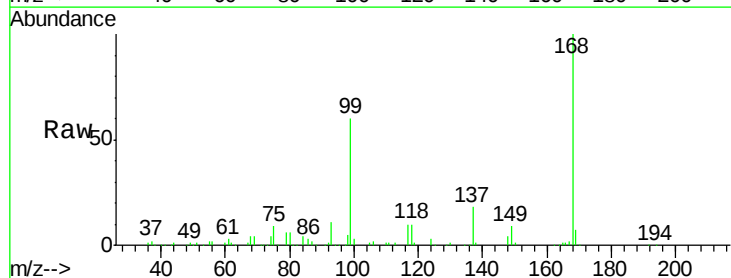
Instrument :
 MSVOA_W
 ClientSampleId :
 CS-STONERE

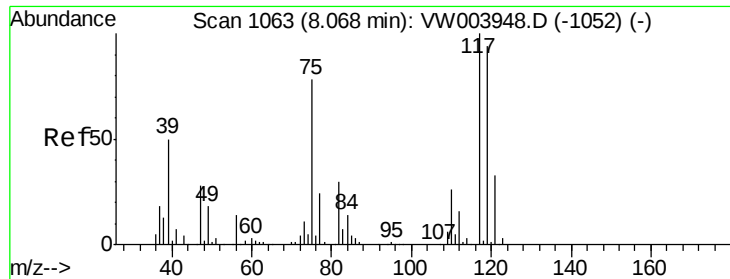
Tot Ion:113 Resp: 114491
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.3 121.9
 192 19.7 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.433 ug/l
 RT: 7.95 min Scan# 1043
 Delta R.T. -0.13 min
 Lab File: VW004012.D
 Acq: 18 Jul 2018 05:11

Tgt Ion: 75 Resp: 14837
 Ion Ratio Lower Upper
 75 100
 110 9.6 17.0 51.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 5.716 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.11 min

Lab File: VW004012.D

Acq: 18 Jul 2018 05:11

Instrument :

MSVOA_W

ClientSampleId :

CS-STONERE

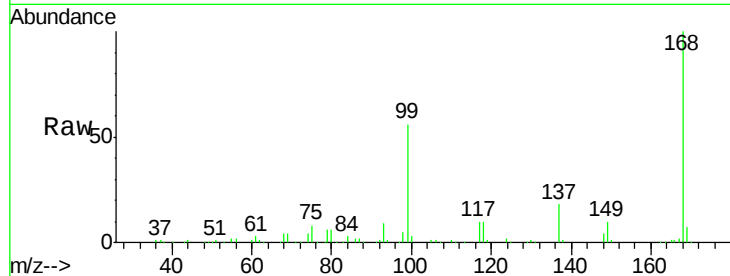
Tot Ion:117 Resp: 17874

Ion Ratio Lower Upper

117 100

119 6.1 75.3 112.9#

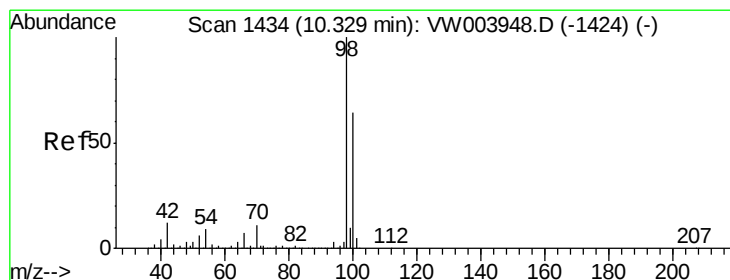
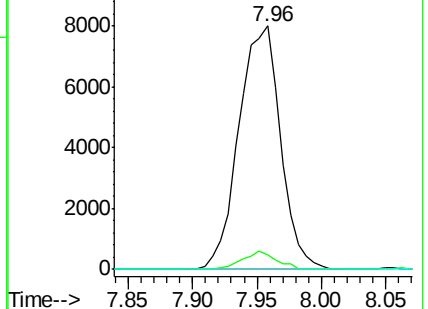
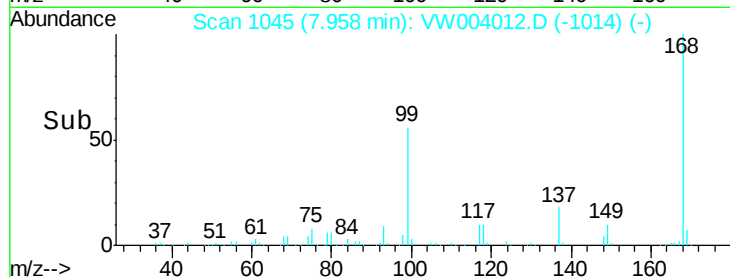
121 0.0 26.0 39.0#



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: 49.989 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW004012.D

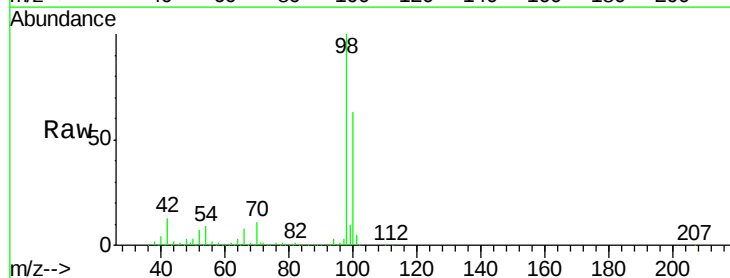
Acq: 18 Jul 2018 05:11

Tgt Ion: 98 Resp: 404844

Ion Ratio Lower Upper

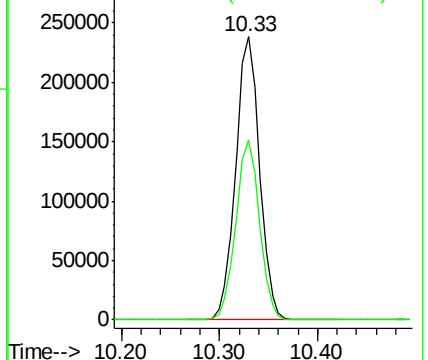
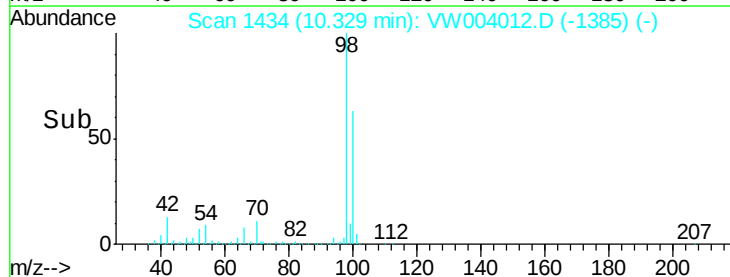
98 100

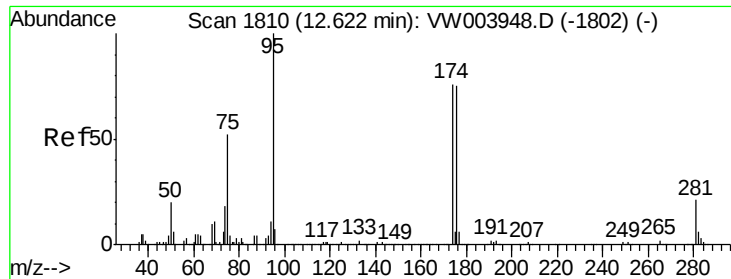
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

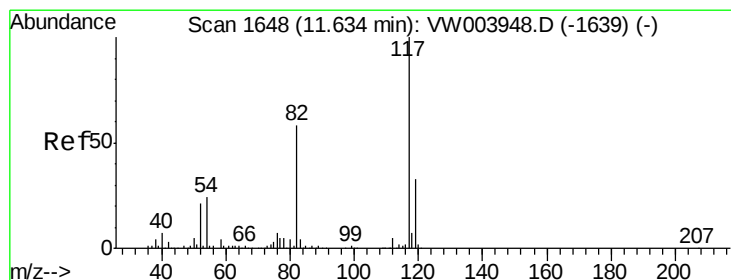
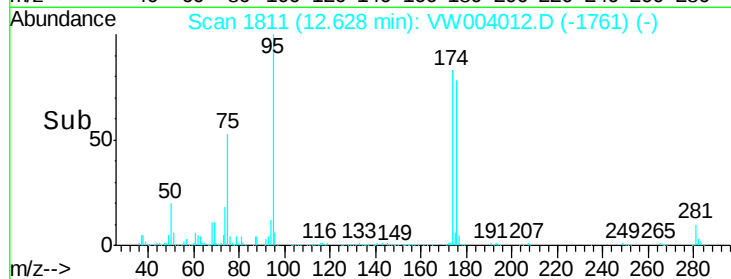
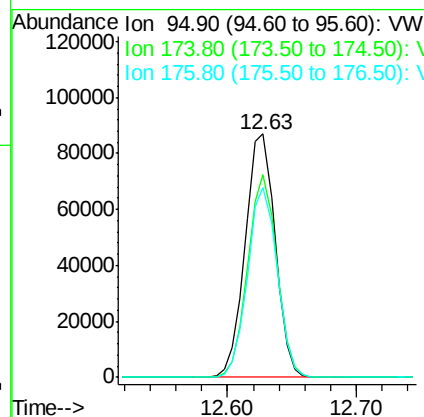
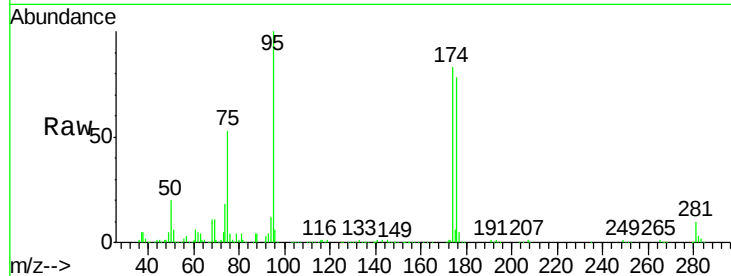




#62
4-Bromofluorobenzene
Concen: 47.947 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. 0.01 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

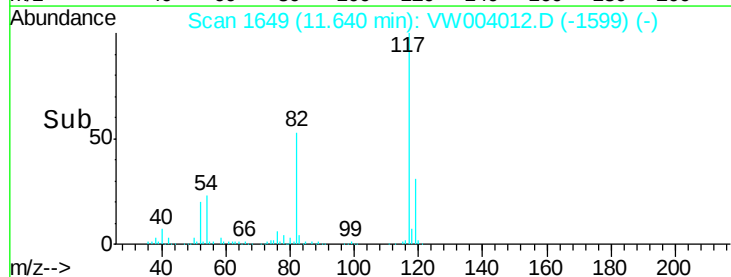
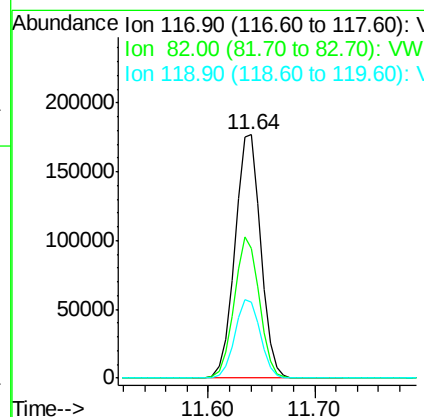
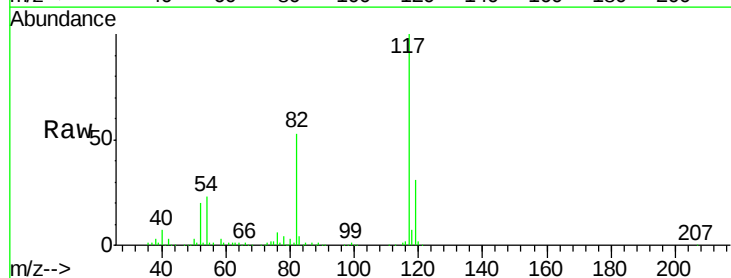
Instrument :
MSVOA_W
ClientSampleId :
CS-STONERE

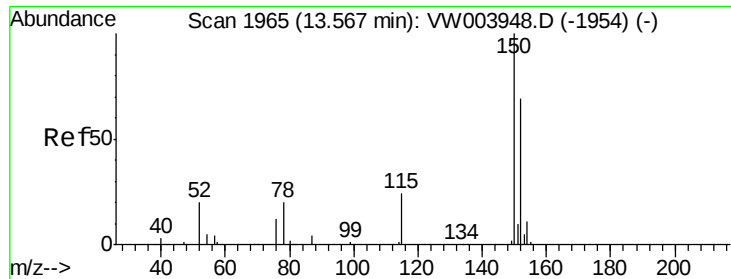
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	160.2
176	76.5	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.01 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	46.5	69.7
119	31.3	26.2	39.2



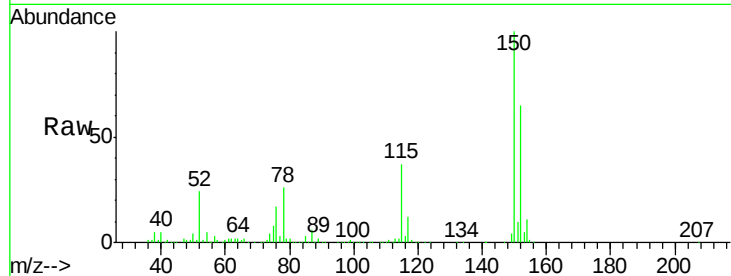


#72

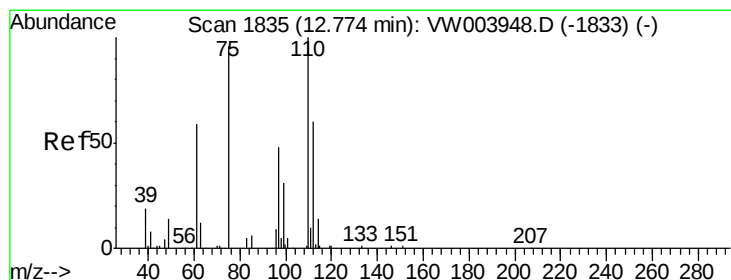
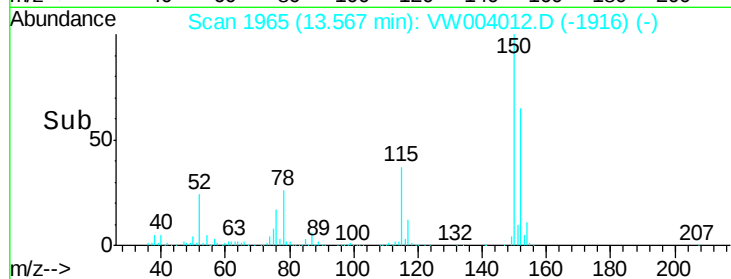
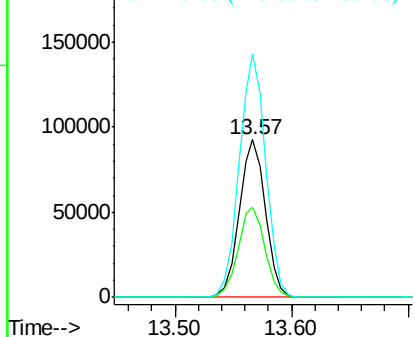
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

Instrument :
MSVOA_W
ClientSampleId :
CS-STONERE

Tot Ion:152 Resp: 144707
Ion Ratio Lower Upper
152 100
115 58.3 29.2 87.6
150 155.9 0.0 345.2



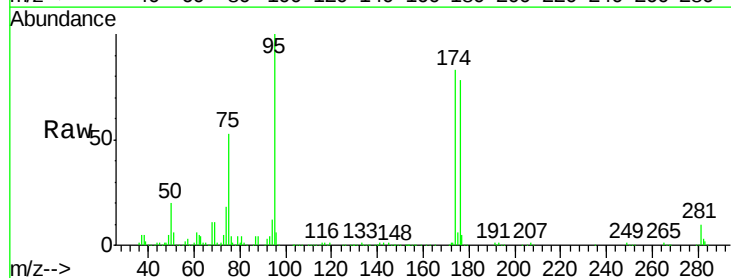
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



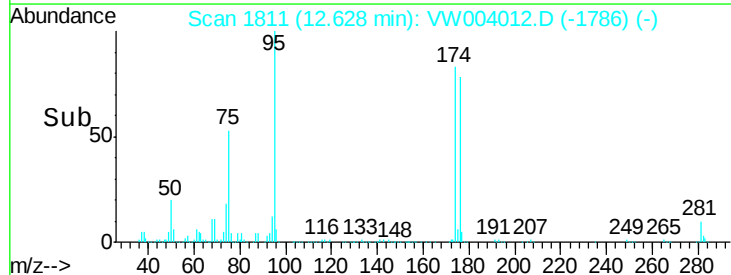
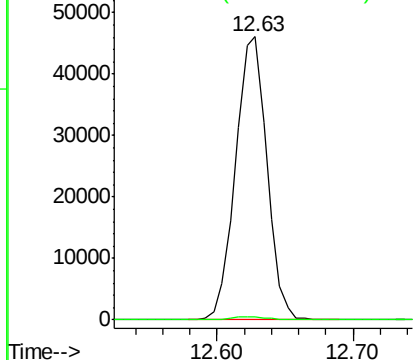
#76

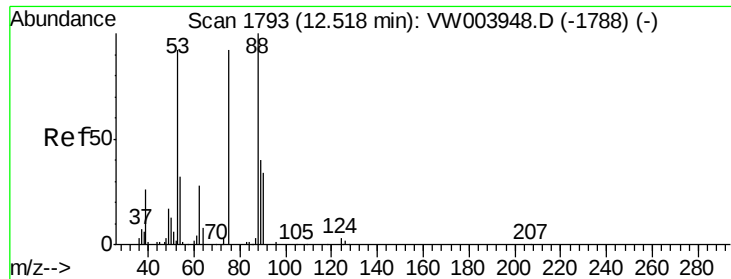
1,2,3-Trichloropropane
Concen: 51.581 ug/l
RT: 12.63 min Scan# 1811
Delta R.T. -0.15 min
Lab File: VW004012.D
Acq: 18 Jul 2018 05:11

Tgt Ion: 75 Resp: 74101
Ion Ratio Lower Upper
75 100
77 1.3 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: 114.095 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.11 min

Lab File: VW004012.D

Acq: 18 Jul 2018 05:11

Instrument :

MSVOA_W

ClientSampleId :

CS-STONERE

Tot Ion: 75 Resp: 74101

Ion Ratio Lower Upper

75 100

53 0.3 77.6 116.4#

89 0.1 36.6 54.8#

