

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007486.D
 Acq On : 13 Dec 2018 14:18
 Operator : SY/AP
 Sample : J6357-06
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08A

Quant Time: Dec 13 15:23:47 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	73393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35304	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	35916	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
35) Dibromofluoromethane	7.88	113	33823	45.27	ug/l	0.00
Spiked Amount			Recovery	=	90.54%	
50) Toluene-d8	10.32	98	112196	40.05	ug/l	0.00
Spiked Amount			Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	35239	34.22	ug/l	0.00
Spiked Amount			Recovery	=	68.44%	

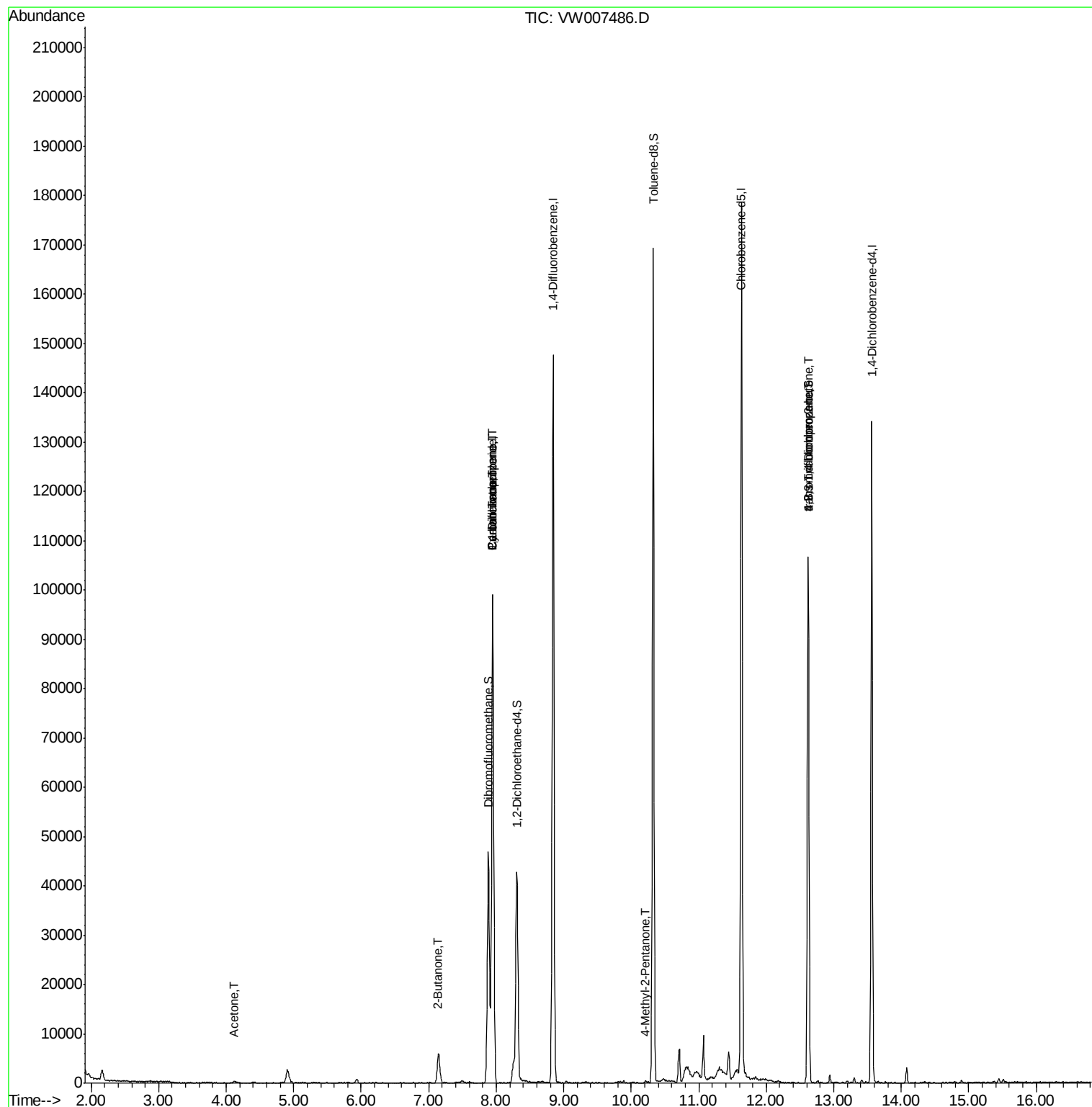
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.11	43	314	2.208	ug/l #	44
20) Methylene Chloride	4.90	84	1184	Below Cal		93
25) 2-Butanone	7.15	43	245	1.320	ug/l #	45
31) Cyclohexane	7.95	56	1436	1.135	ug/l #	27
36) 1,1-Dichloropropene	7.95	75	5699	5.062	ug/l #	49
38) Carbon Tetrachloride	7.95	117	8089	6.603	ug/l #	19
51) 4-Methyl-2-Pentanone	10.21	43	418	1.070	ug/l #	76
76) 1,2,3-Trichloropropane	12.62	75	18324	62.949	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	18324	139.055	ug/l #	7

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

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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: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampled :

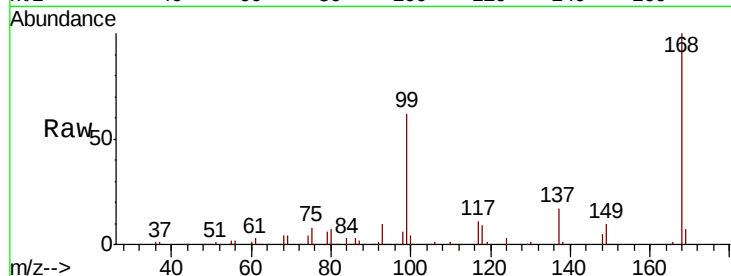
SB-08A

Tot Ion:168 Resp: 73393

Ion Ratio Lower Upper

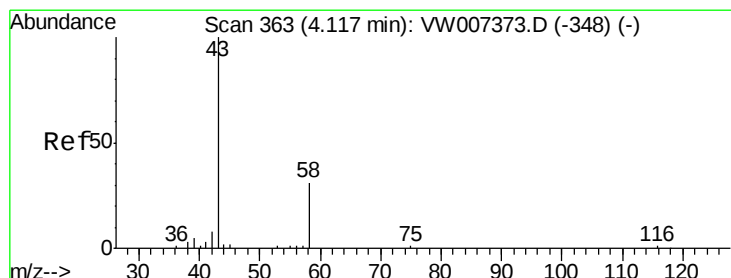
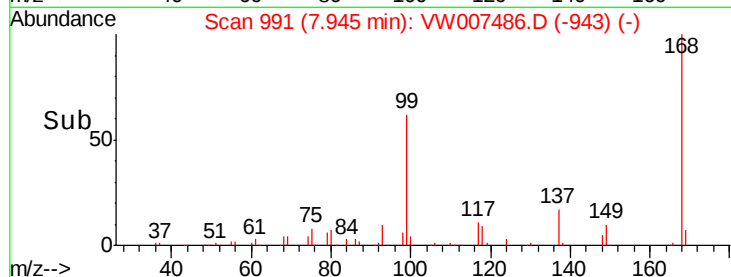
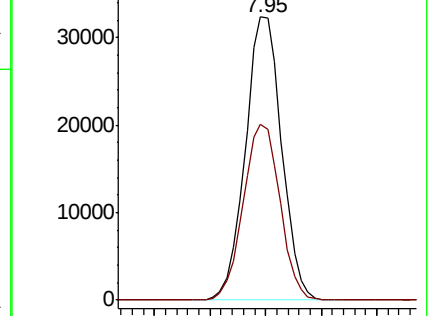
168 100

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



#16

Acetone

Concen: 2.208 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW007486.D

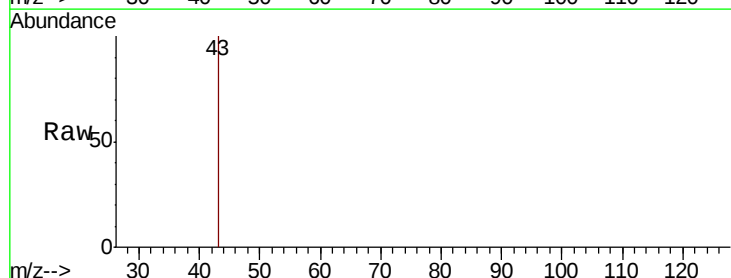
Acq: 13 Dec 2018 14:18

Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

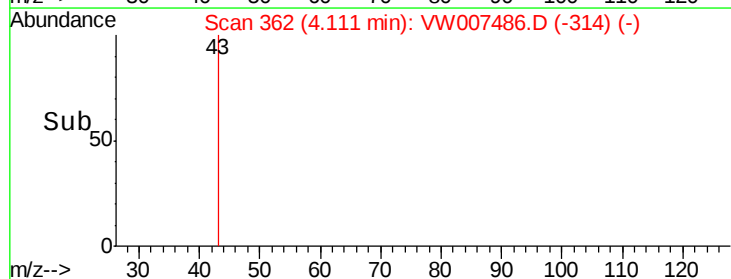
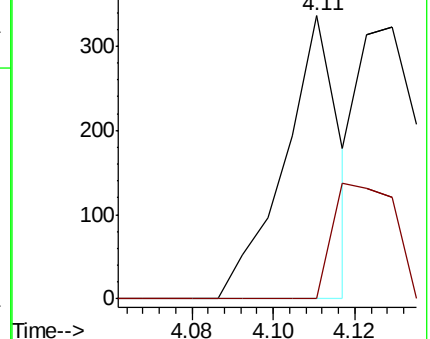
43 100

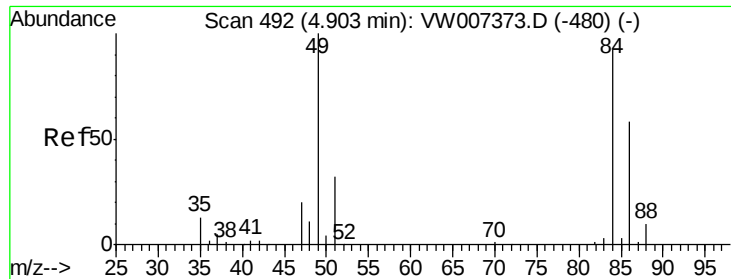
58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

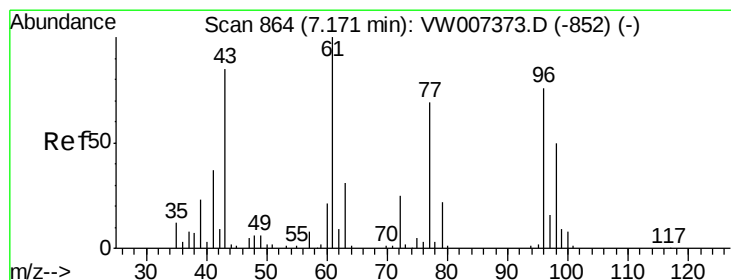
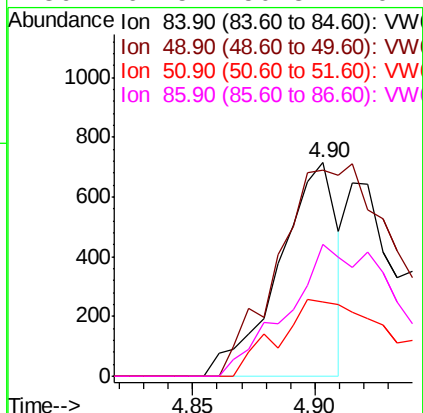
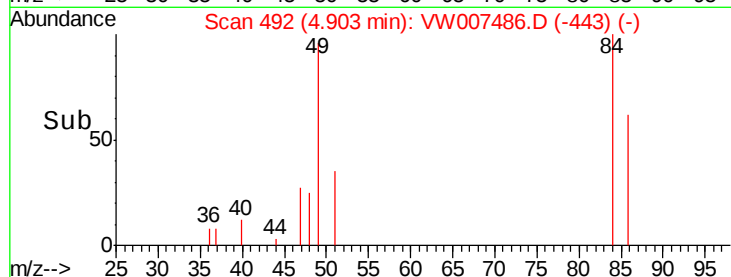
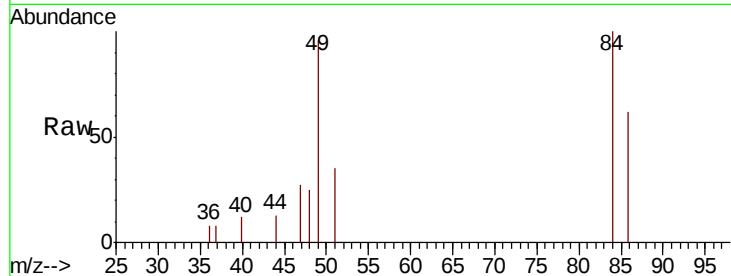




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

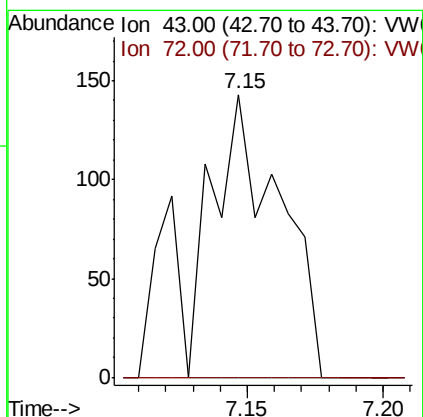
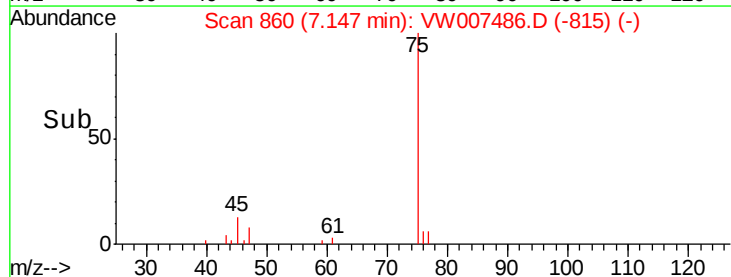
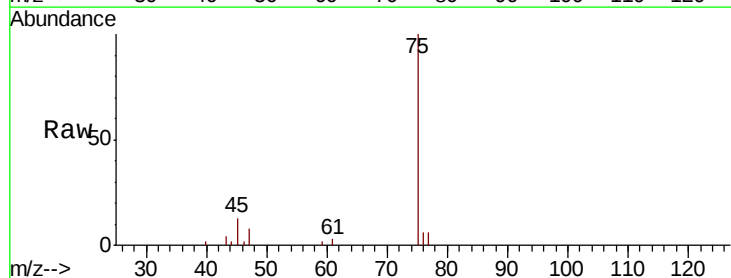
Instrument :
MSVOA_W
ClientSampled :
SB-08A

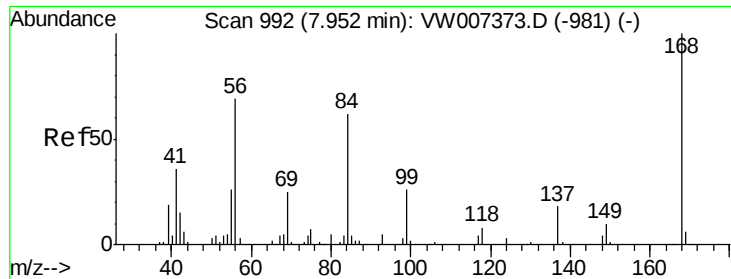
Tot Ion: 84 Resp: 1184
Ion Ratio Lower Upper
84 100
49 96.2 87.1 130.7
51 35.0 28.2 42.2
86 61.5 50.8 76.2



#25
2-Butanone
Concen: 1.320 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

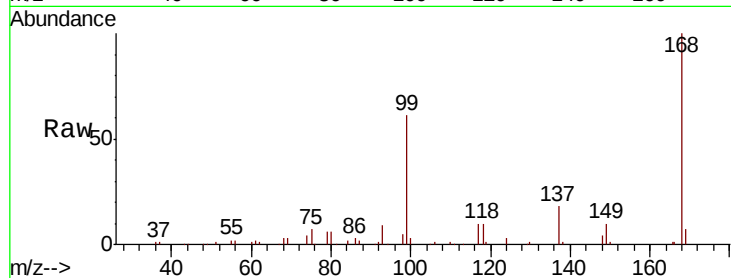




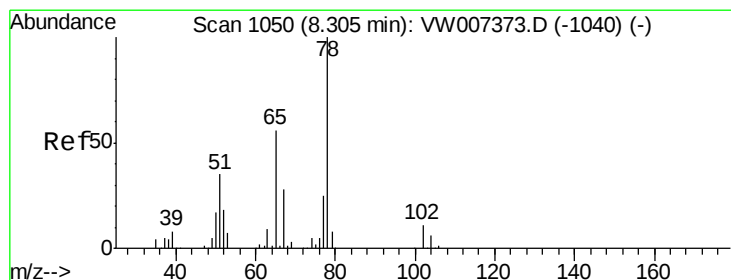
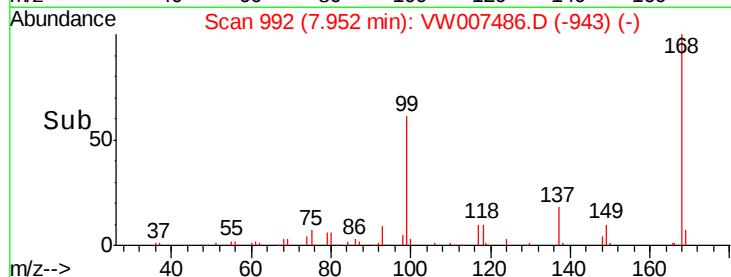
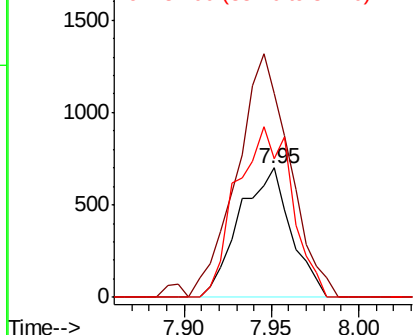
#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

Instrument :
MSVOA_W
ClientSampled :
SB-08A

Tot Ion: 56 Resp: 1436
Ion Ratio Lower Upper
56 100
69 158.2 28.9 43.3#
84 107.2 71.8 107.6

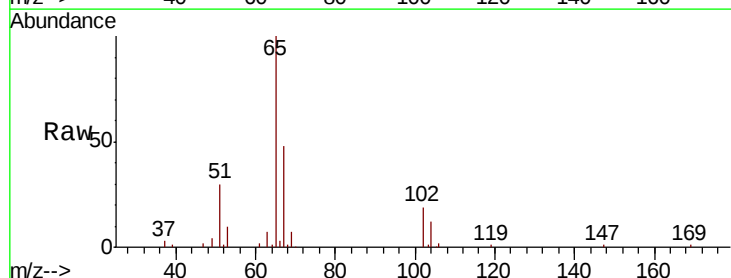


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

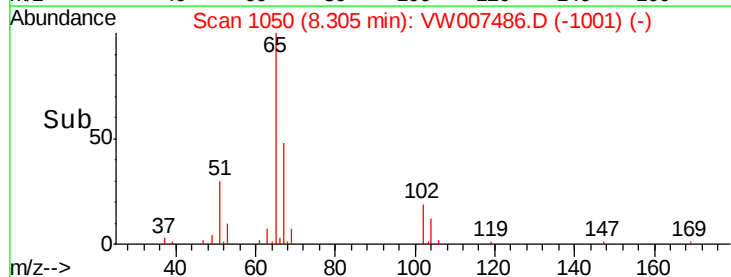
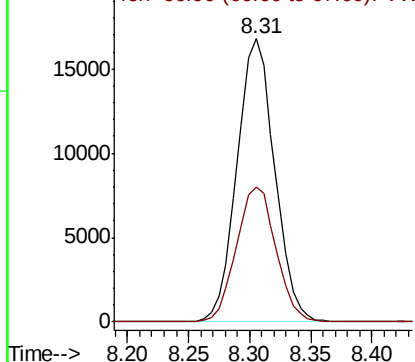


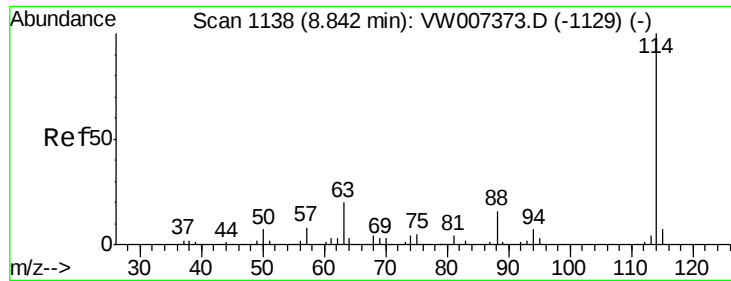
#33
1,2-Dichloroethane-d4
Concen: 44.110 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

Tgt Ion: 65 Resp: 35916
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



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

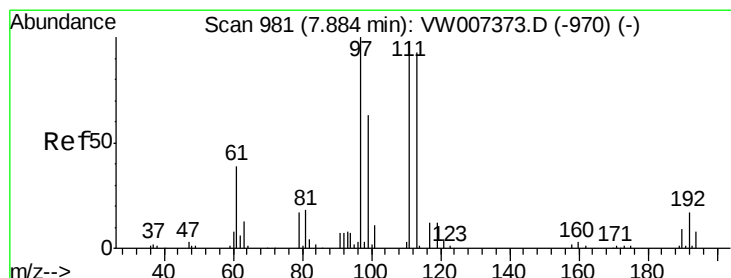
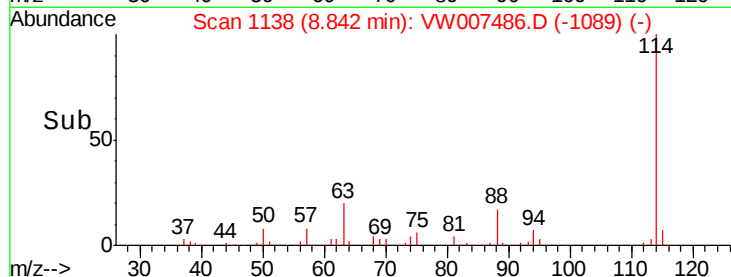
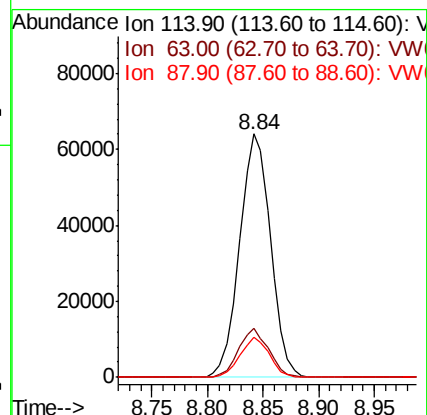
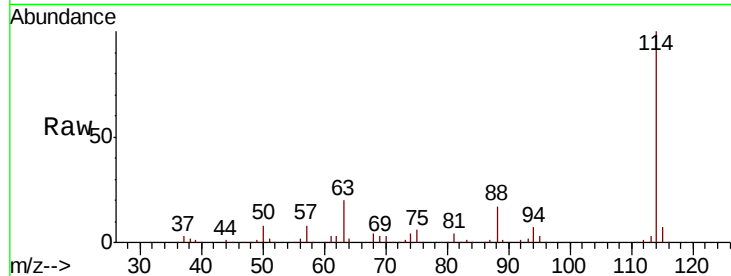




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

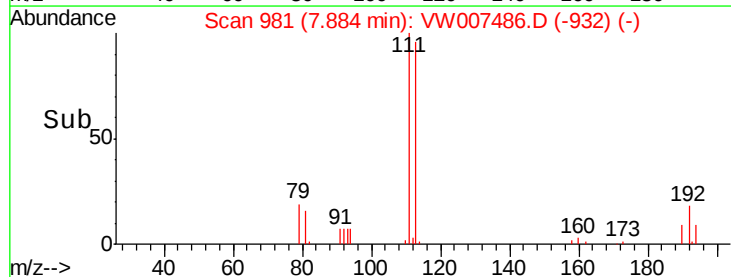
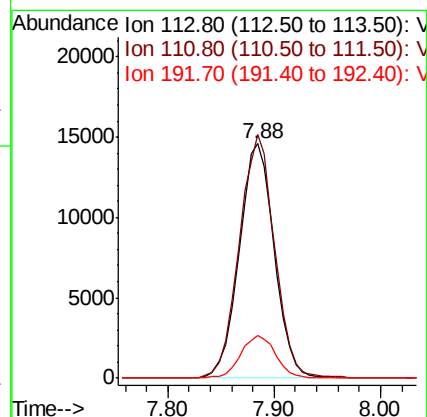
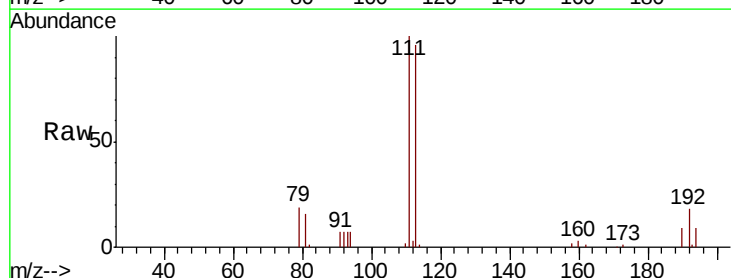
Instrument :
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 ClientSampleId :
 SB-08A

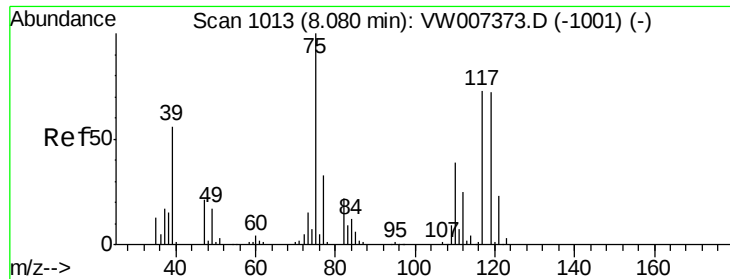
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.5	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 45.274 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	18.1	14.6	21.8

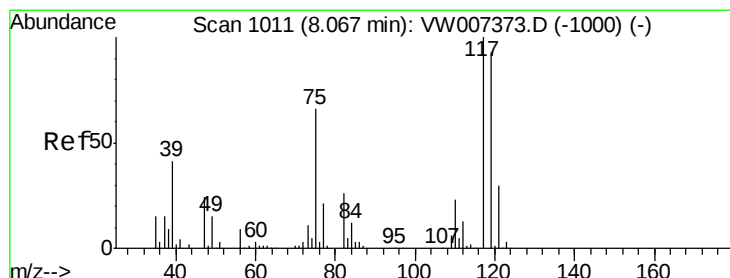
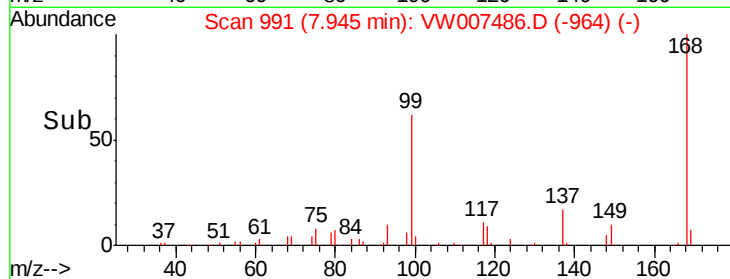
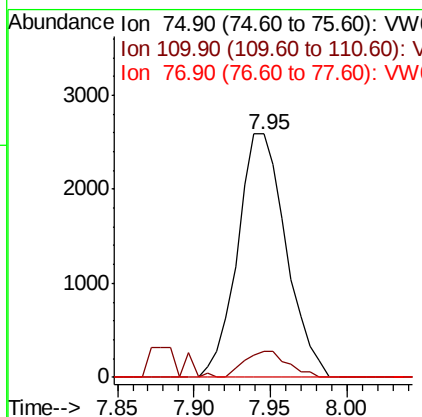
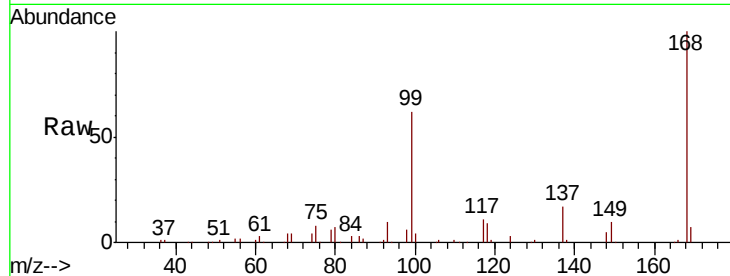




#36
 1,1-Dichloropropene
 Concen: 5.062 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

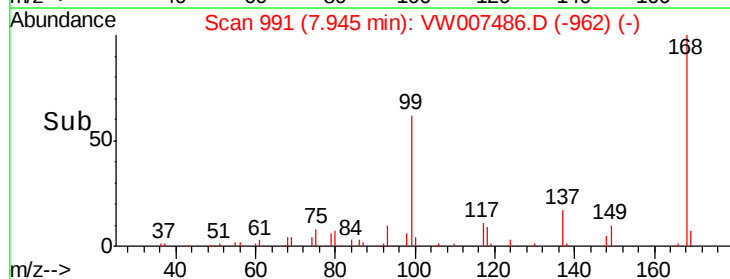
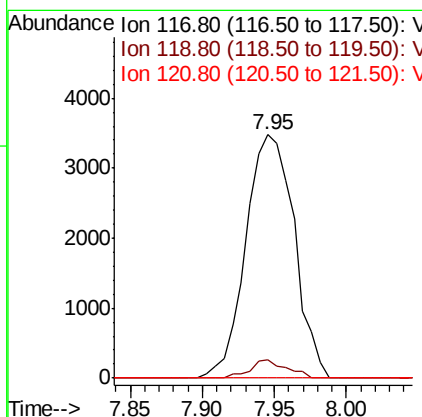
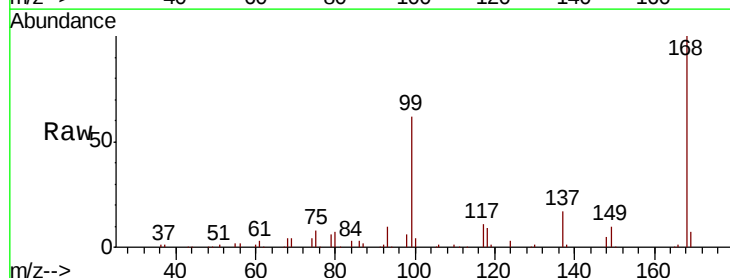
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08A

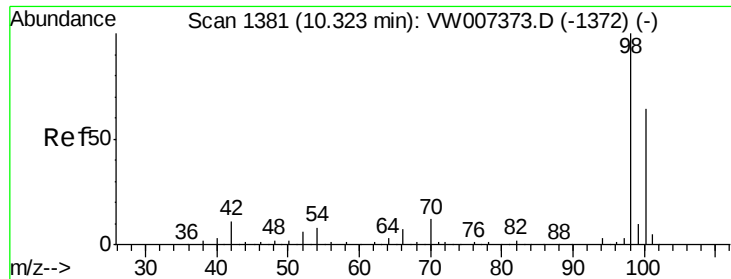
Tot Ion	75	Resp	5699
Ion Ratio	Lower	Upper	
75	100		
110	9.6	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.603 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

Tgt Ion	117	Resp	8089
Ion Ratio	Lower	Upper	
117	100		
119	7.7	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 40.054 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampled :

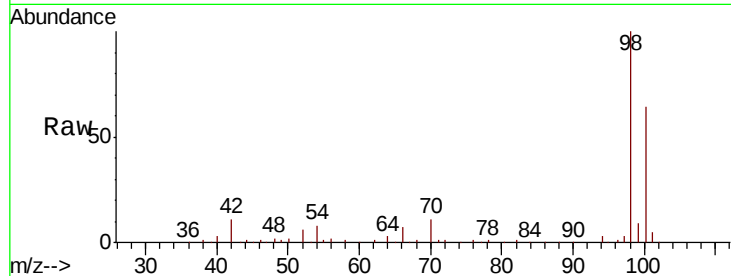
SB-08A

Tot Ion: 98 Resp: 112196

Ion Ratio Lower Upper

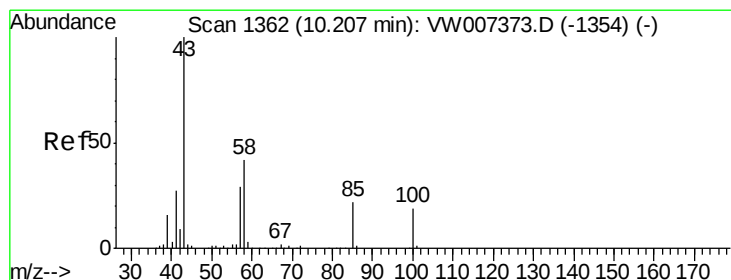
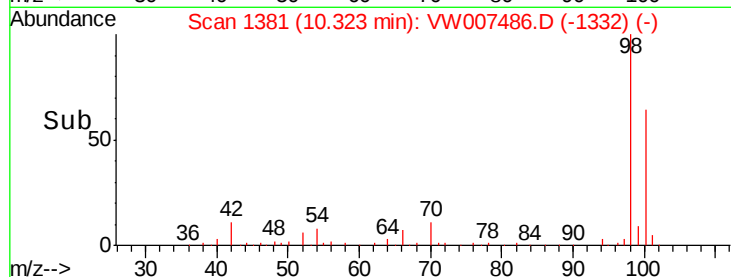
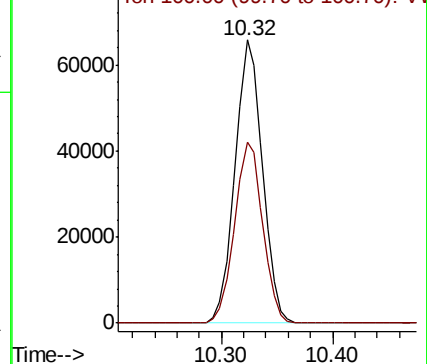
98 100

100 65.3 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: 1.070 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW007486.D

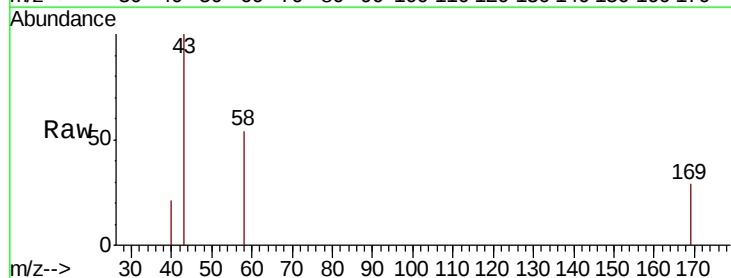
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Tgt Ion: 43 Resp: 418

Ion Ratio Lower Upper

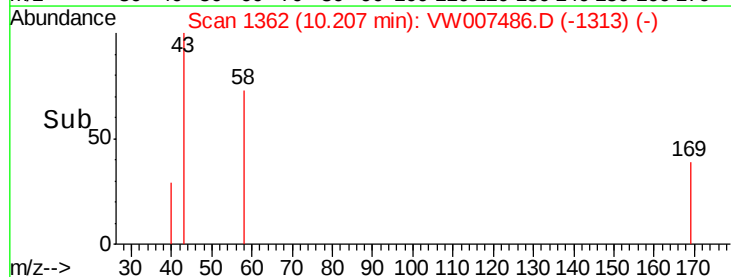
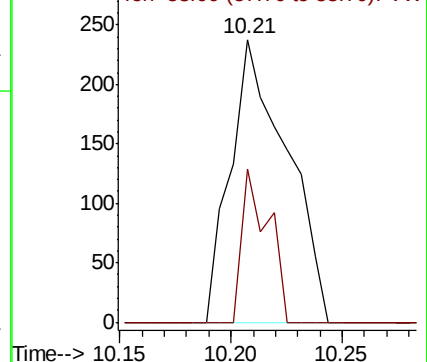
43 100

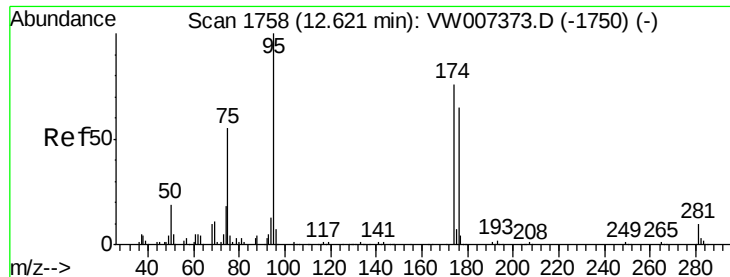
58 26.1 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

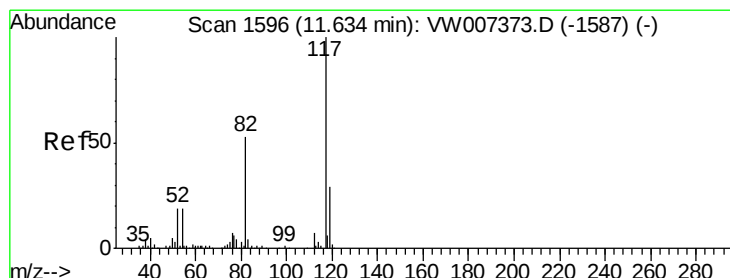
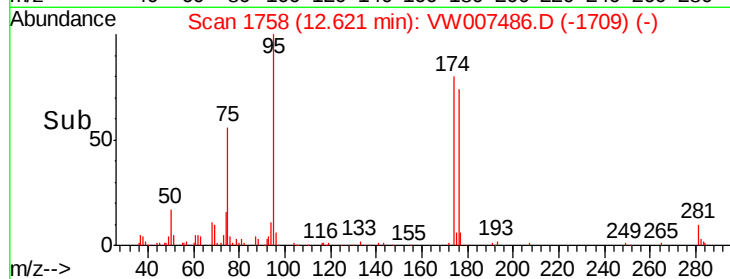
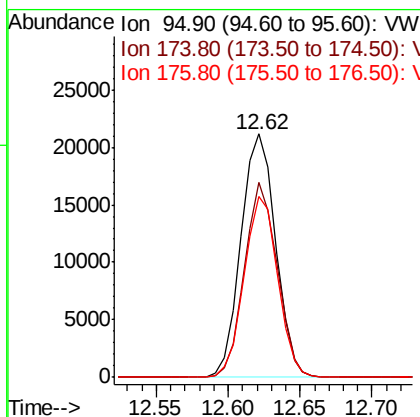
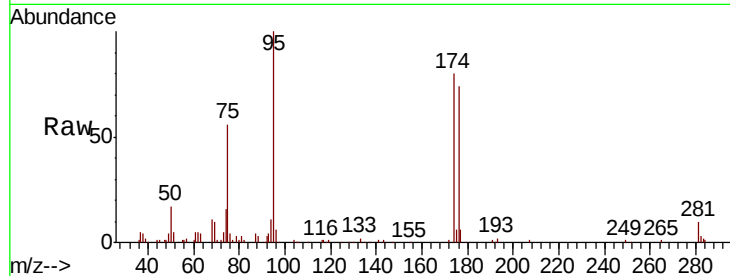




#62
4-Bromofluorobenzene
Concen: 34.216 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

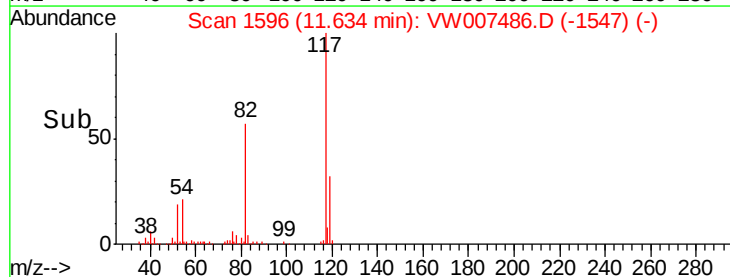
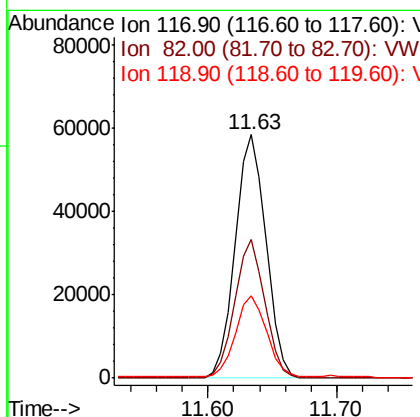
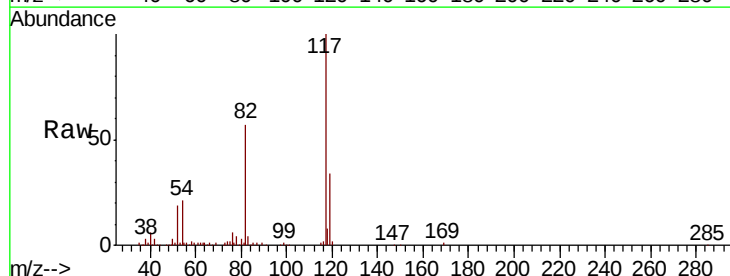
Instrument :
MSVOA_W
ClientSampled :
SB-08A

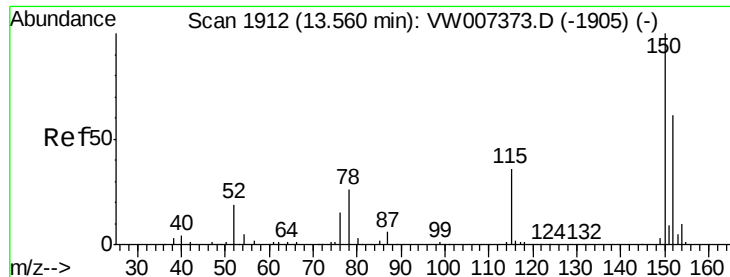
Tot Ion	95	Resp	35239
Ion Ratio	Lower	Upper	
95	100		
174	75.8	0.0	147.2
176	71.8	0.0	138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

Tgt Ion	117	Resp	96737
Ion Ratio	Lower	Upper	
117	100		
82	56.8	42.3	63.5
119	33.2	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: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-08A

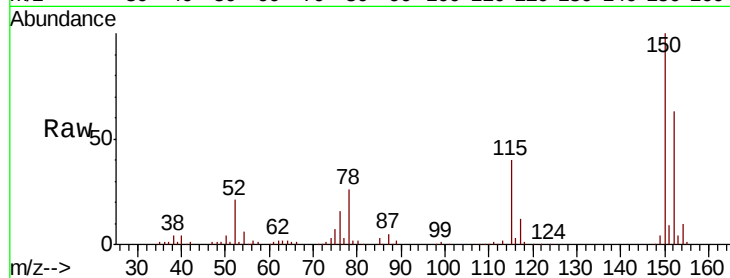
Tot Ion:152 Resp: 35304

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

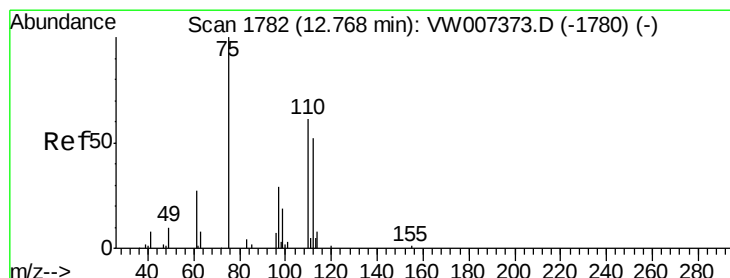
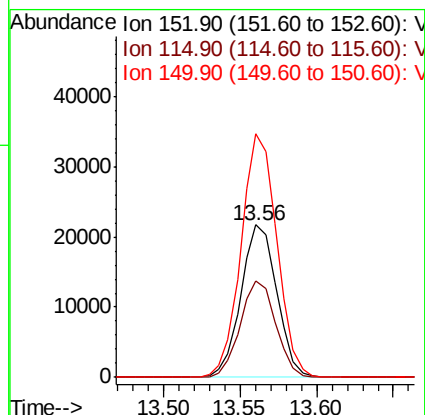
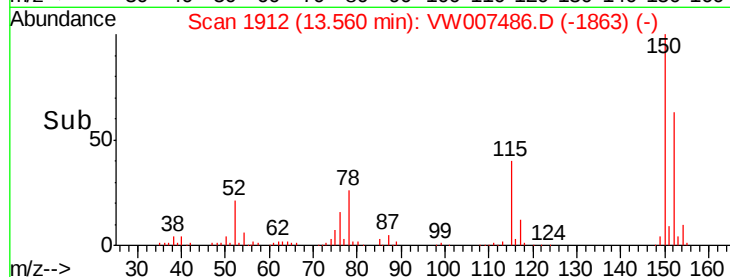
150 158.9 0.0 358.4



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: 62.949 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007486.D

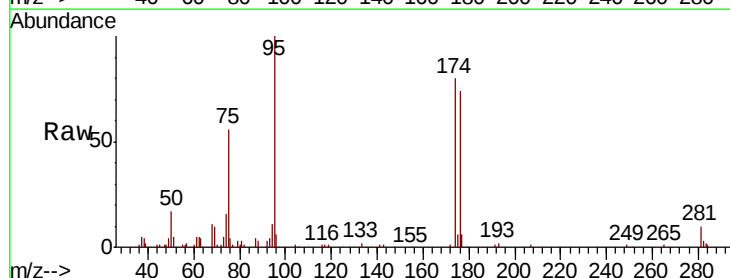
Acq: 13 Dec 2018 14:18

Tgt Ion: 75 Resp: 18324

Ion Ratio Lower Upper

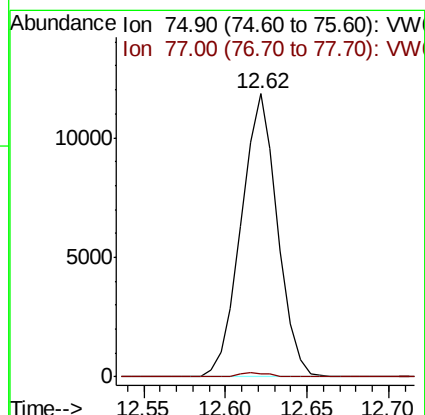
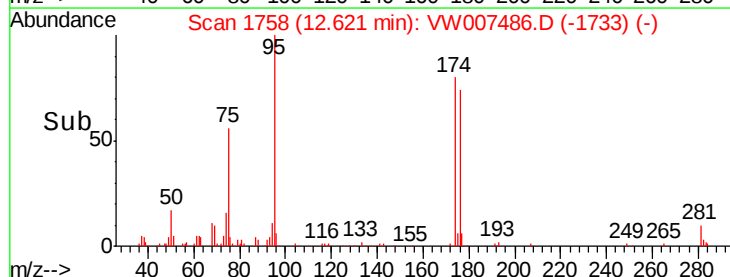
75 100

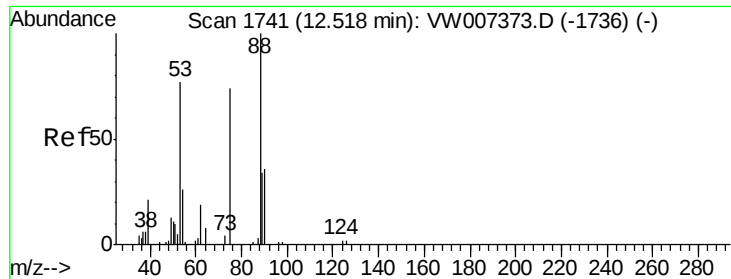
77 1.1 166.9 500.8#



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: 139.055 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-08A

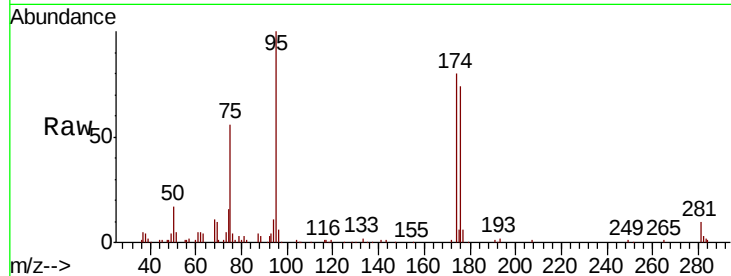
Tot Ion: 75 Resp: 18324

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

