

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005319.D
 Acq On : 12 Sep 2018 12:24
 Operator : SY/AP
 Sample : VW0912SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 12 14:30:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	460253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	683743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	672355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	343988	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	194804	56.75	ug/l	0.00
Spiked Amount			Recovery	=	113.50%	
35) Dibromofluoromethane	7.89	113	189967	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	
50) Toluene-d8	10.33	98	919080	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.63	95	324896	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

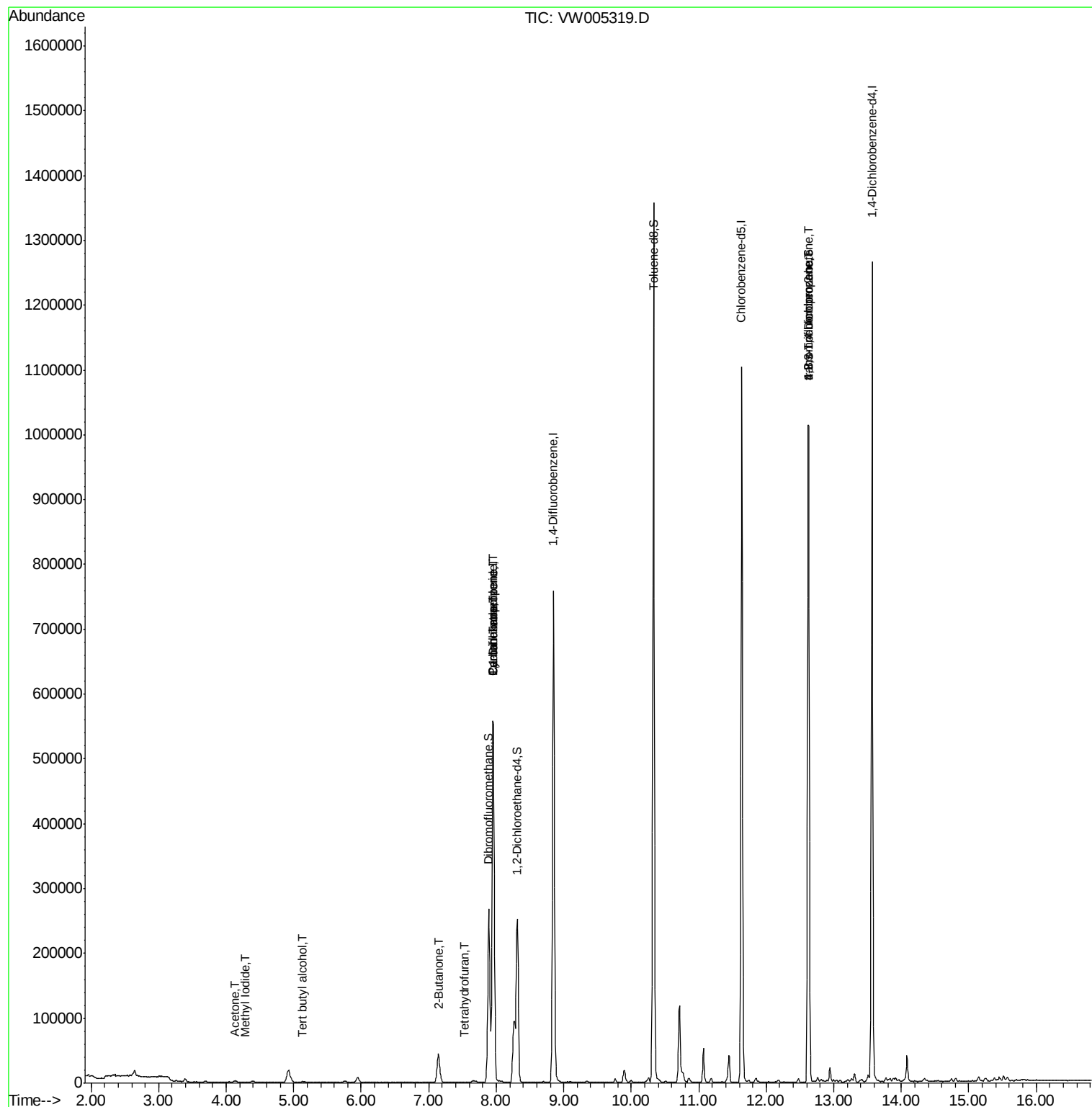
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.77	94	739	Below Cal		95
10) Methyl Iodide	4.27	142	471	3.416	ug/l #	87
11) Tert butyl alcohol	5.12	59	855	3.037	ug/l #	73
16) Acetone	4.14	43	3702	5.810	ug/l	97
25) 2-Butanone	7.15	43	2288	2.276	ug/l #	70
29) Tetrahydrofuran	7.54	42	685	1.011	ug/l #	35
31) Cyclohexane	7.95	56	8362	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	30737	4.907	ug/l #	48
38) Carbon Tetrachloride	7.95	117	40893	6.969	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	148859	56.263	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	148859	131.949	ug/l #	16

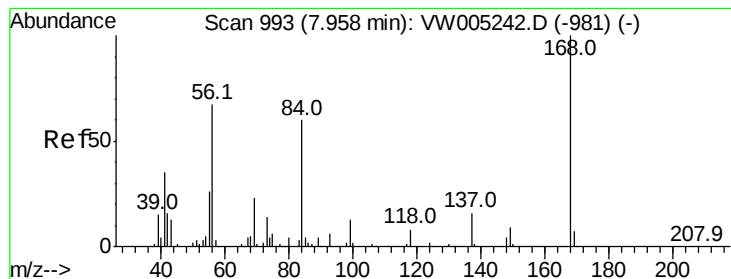
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091218\
Data File : VW005319.D
Acq On : 12 Sep 2018 12:24
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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 12 14:30:00 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

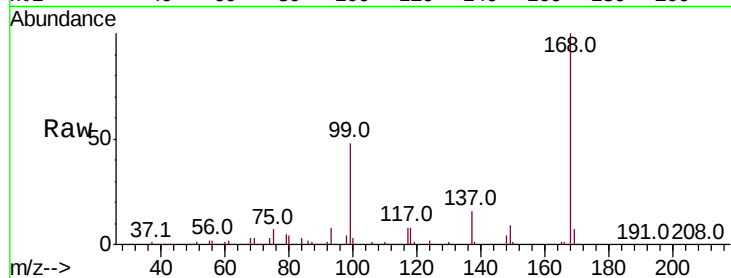
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 460253

Ion Ratio Lower Upper

168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

150000

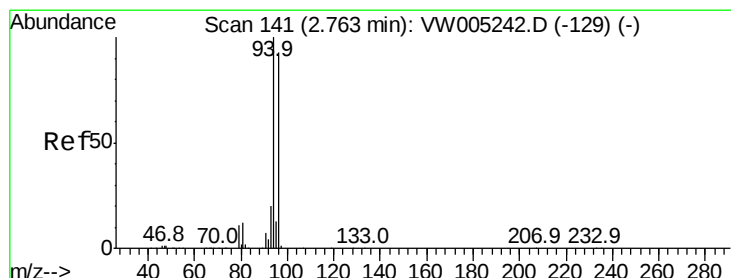
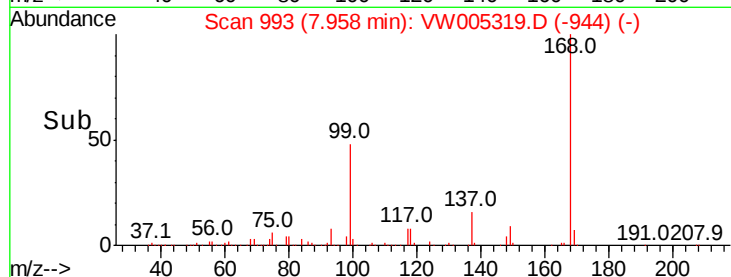
100000

50000

0

7.90 8.00

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 142

Delta R.T. 0.01 min

Lab File: VW005319.D

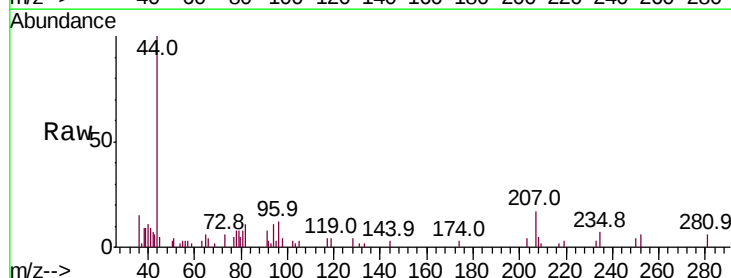
Acq: 12 Sep 2018 12:24

Tgt Ion: 94 Resp: 739

Ion Ratio Lower Upper

94 100

96 87.5 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

400

300

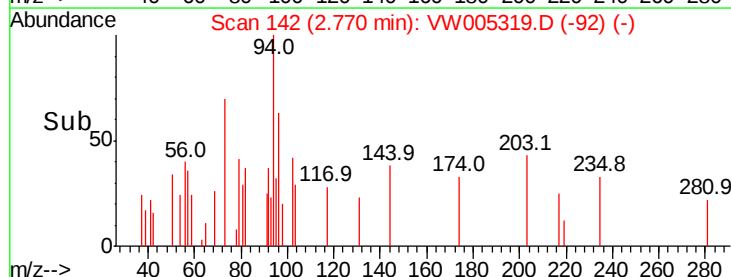
200

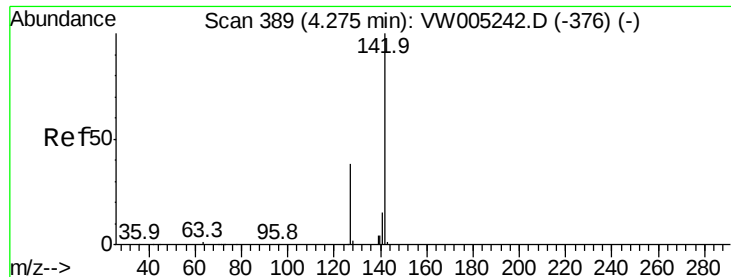
100

0

2.70 2.75 2.80

Time-->





#10

Methyl Iodide

Concen: 3.416 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

Instrument :

MSVOA_W

ClientSampled :

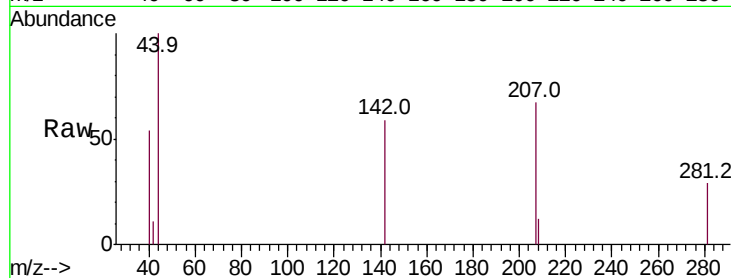
Tot Ion:142 Resp: 471

Ion Ratio Lower Upper

142 100

127 35.2 30.3 45.5

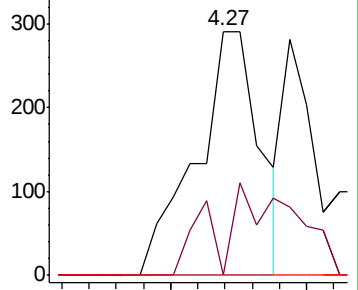
141 0.0 11.4 17.0#



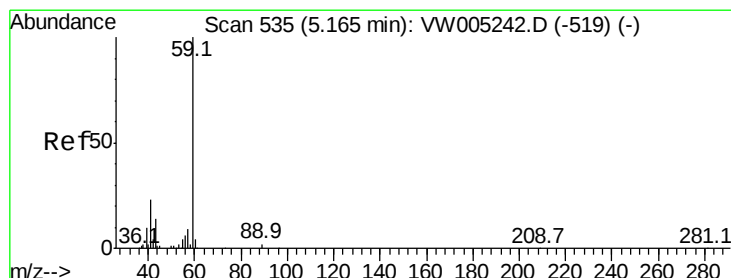
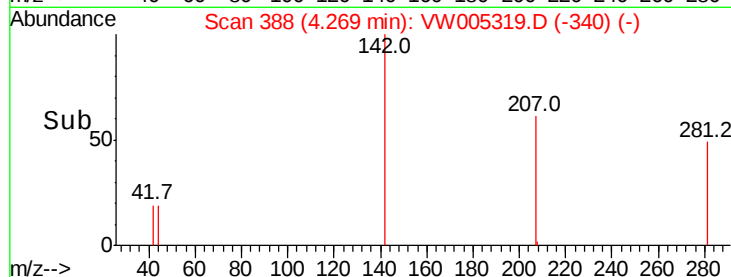
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



Time-->



#11

Tert butyl alcohol

Concen: 3.037 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.05 min

Lab File: VW005319.D

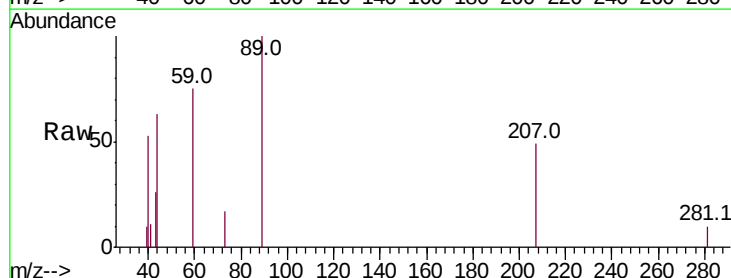
Acq: 12 Sep 2018 12:24

Tgt Ion: 59 Resp: 855

Ion Ratio Lower Upper

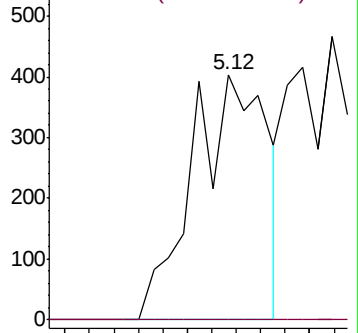
59 100

57 0.0 8.1 12.1#

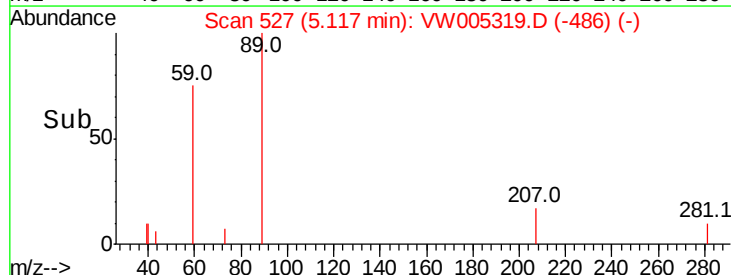


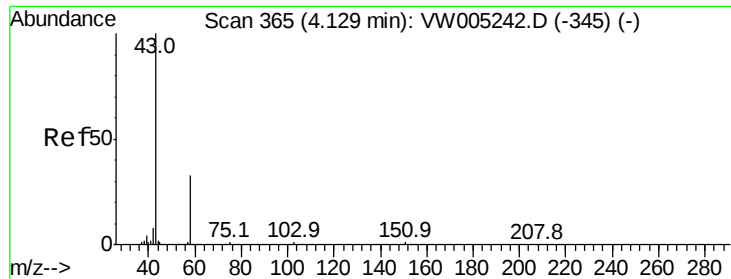
Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



Time-->





#16

Acetone

Concen: 5.810 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

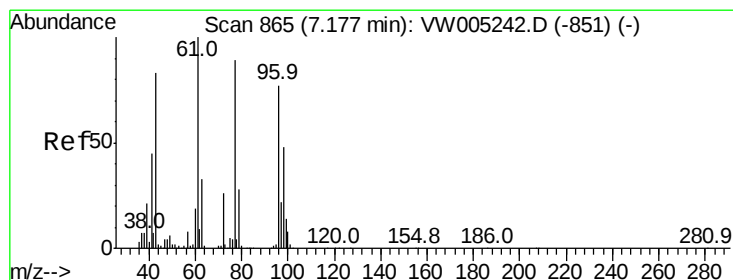
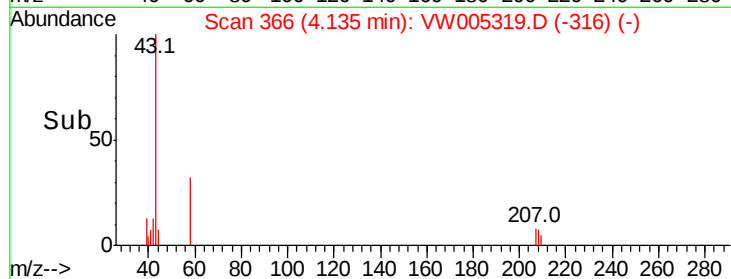
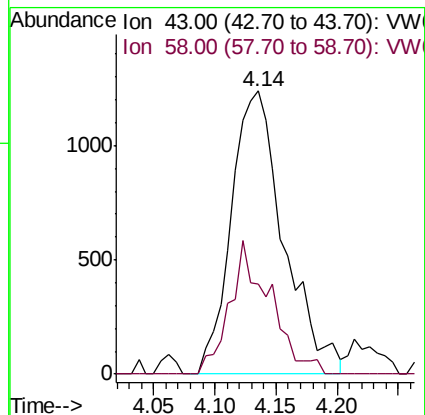
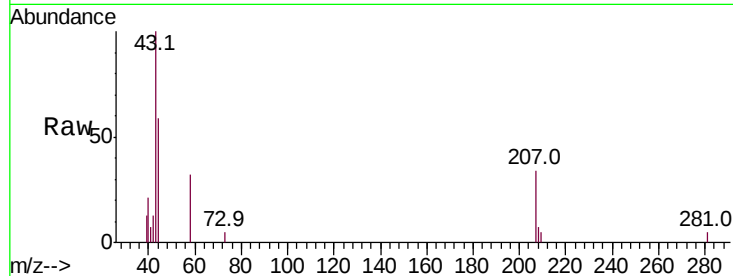
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3702

Ion Ratio Lower Upper

43 100

58 31.7 26.7 40.1



#25

2-Butanone

Concen: 2.276 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.03 min

Lab File: VW005319.D

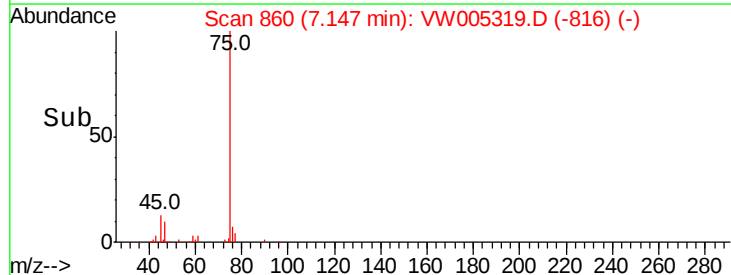
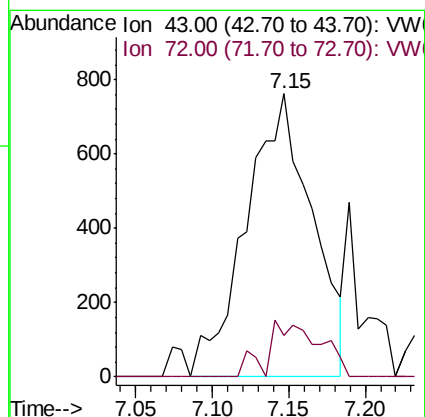
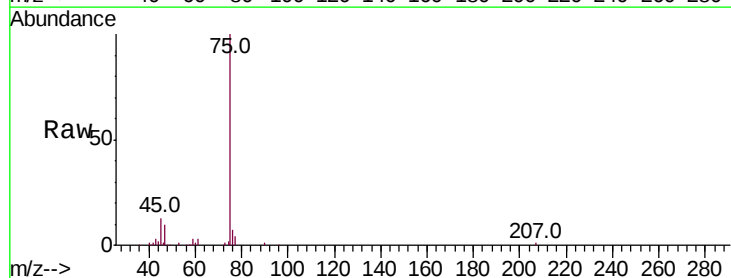
Acq: 12 Sep 2018 12:24

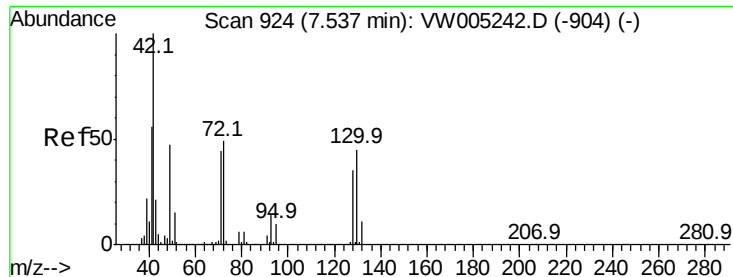
Tgt Ion: 43 Resp: 2288

Ion Ratio Lower Upper

43 100

72 14.7 25.0 37.6#

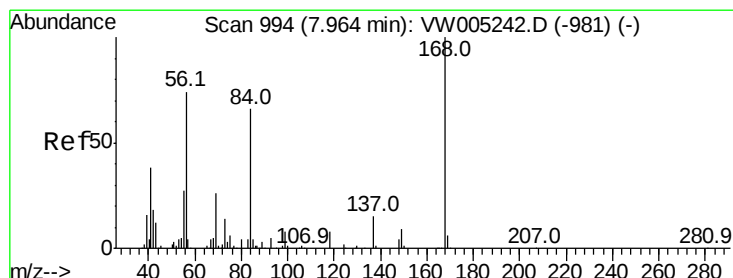
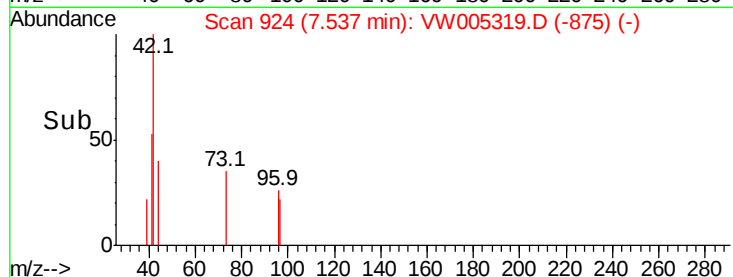
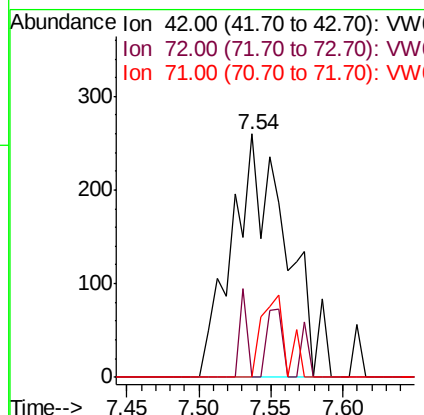
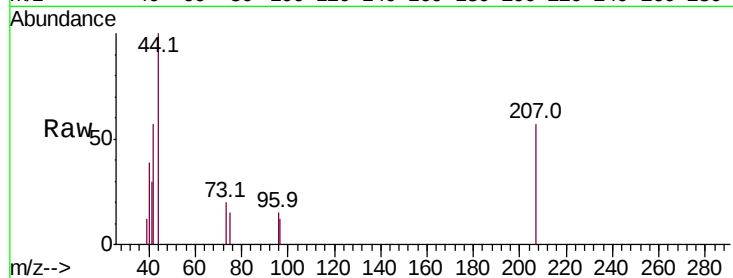




#29
Tetrahydrofuran
Concen: 1.011 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005319.D
Acq: 12 Sep 2018 12:24

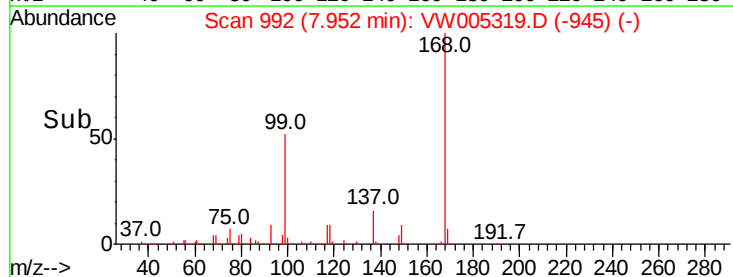
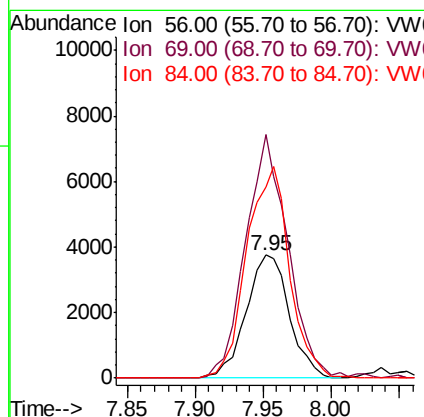
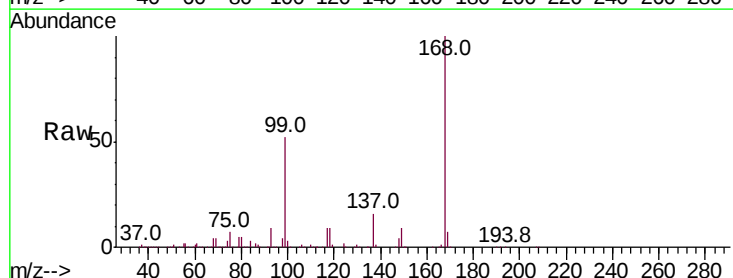
Instrument :
MSVOA_W
ClientSampleId :

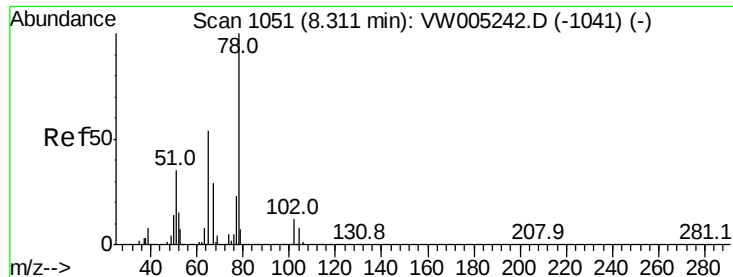
Tot Ion: 42 Resp: 685
Ion Ratio Lower Upper
42 100
72 5.0 37.5 56.3#
71 0.0 34.8 52.2#



#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005319.D
Acq: 12 Sep 2018 12:24

Tgt Ion: 56 Resp: 8362
Ion Ratio Lower Upper
56 100
69 197.7 27.8 41.8#
84 154.9 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 56.747 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

Instrument :

MSVOA_W

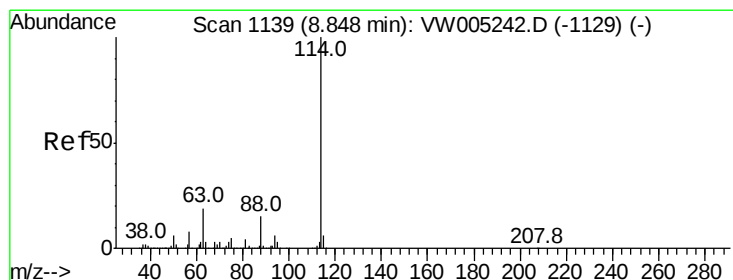
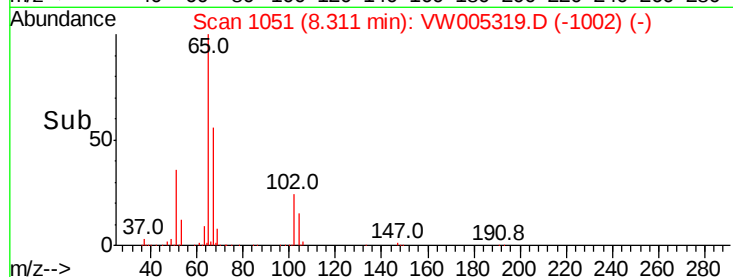
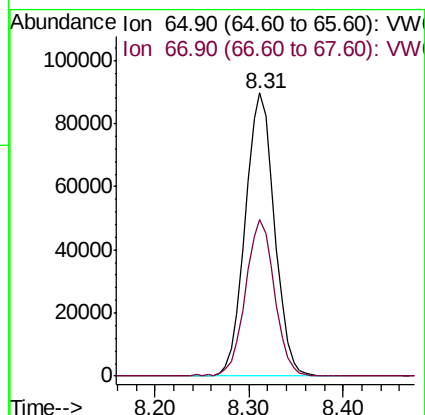
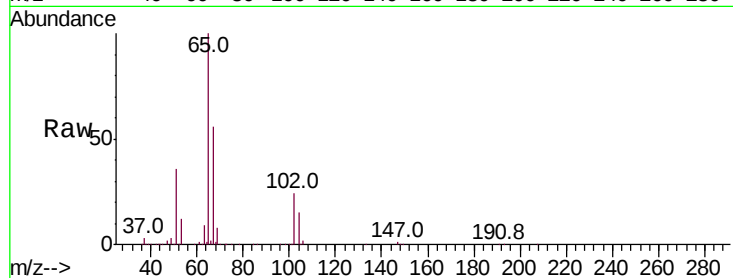
ClientSampled :

Tot Ion: 65 Resp: 194804

Ion Ratio Lower Upper

65 100

67 55.1 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

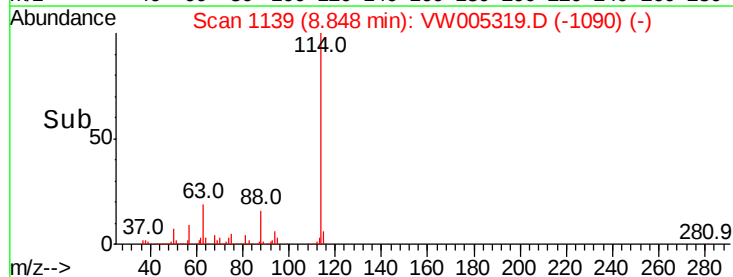
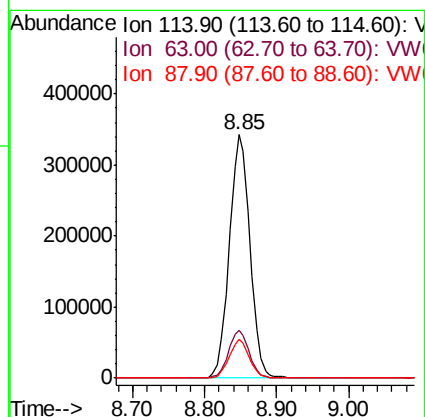
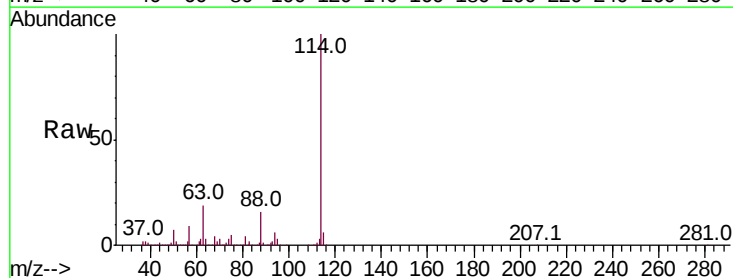
Tgt Ion: 114 Resp: 683743

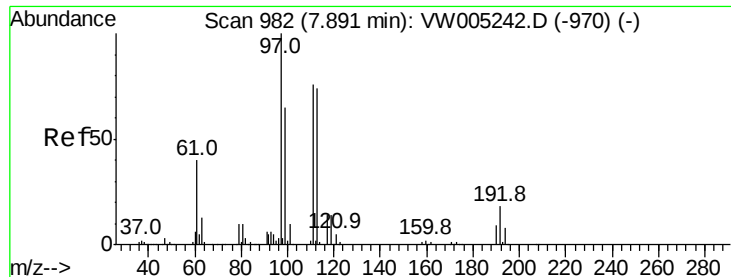
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.0

88 15.8 0.0 30.4

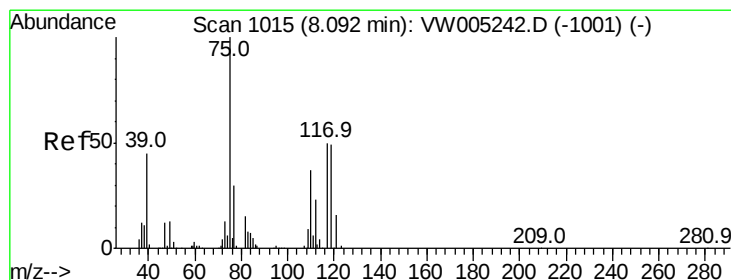
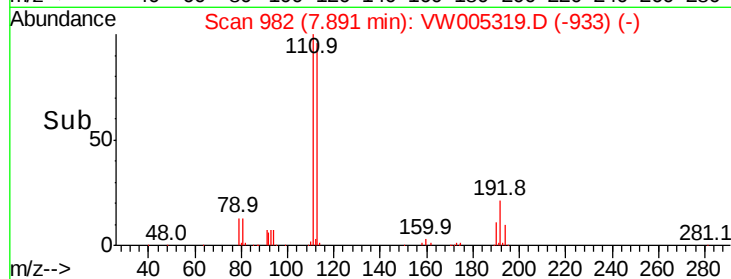
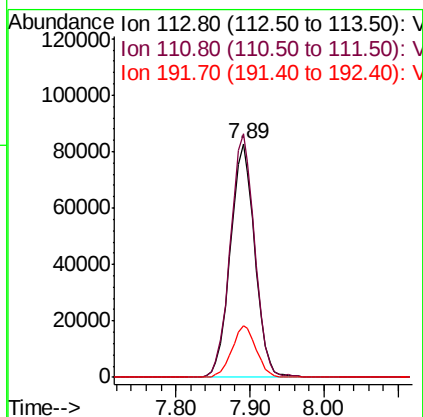
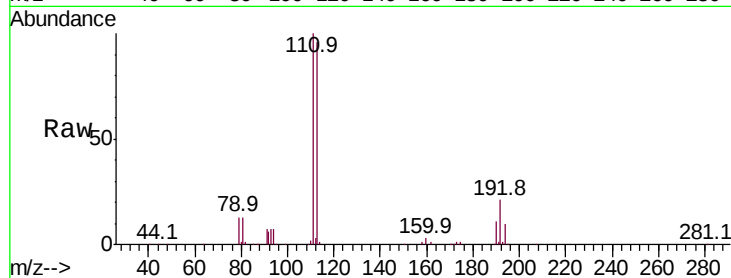




#35
 Dibromofluoromethane
 Concen: 53.038 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005319.D
 Acq: 12 Sep 2018 12:24

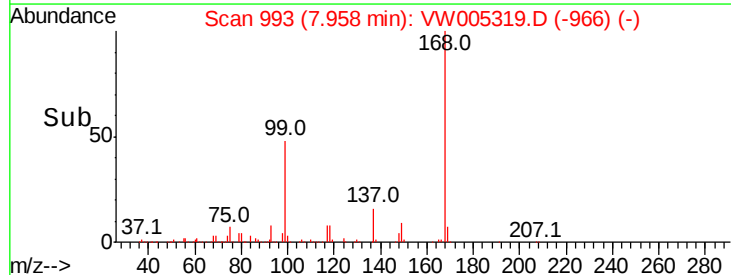
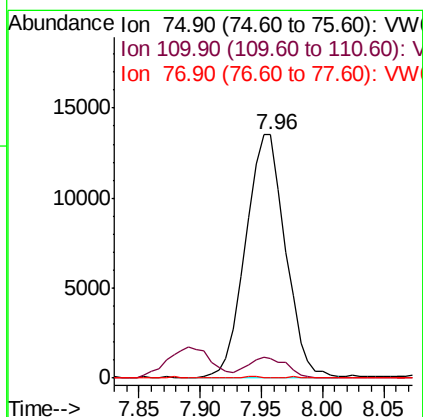
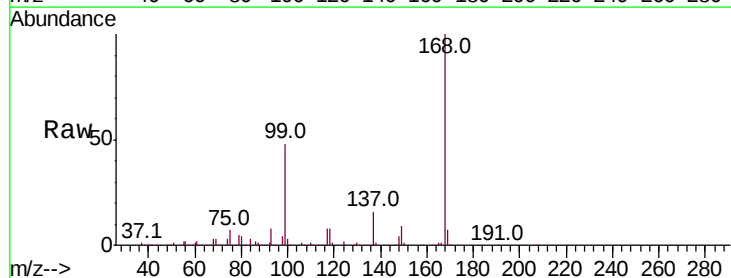
Instrument :
 MSVOA_W
 ClientSampled :

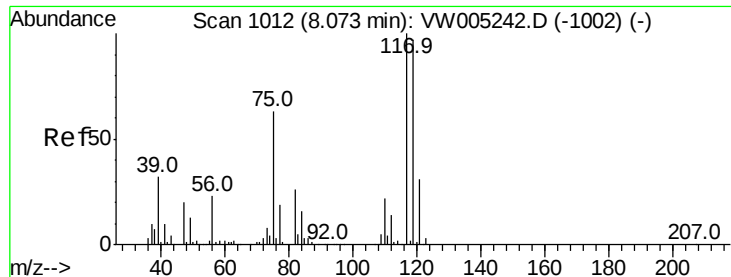
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.6	121.0
192	22.1	18.3	27.5



#36
 1,1-Dichloropropene
 Concen: 4.907 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005319.D
 Acq: 12 Sep 2018 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.8	56.4#
77	0.2	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 6.969 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

Instrument :
MSVOA_W
ClientSampleId :

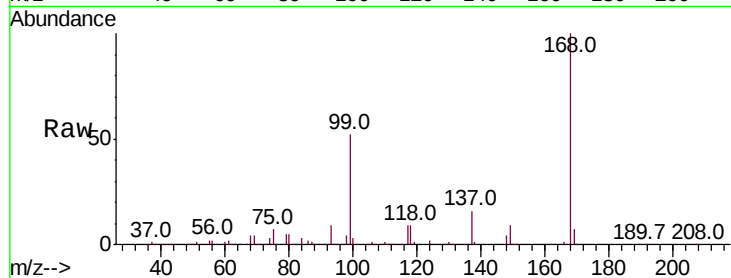
Tot Ion:117 Resp: 40893

Ion Ratio Lower Upper

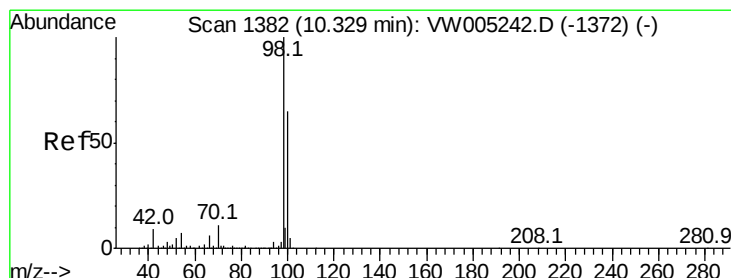
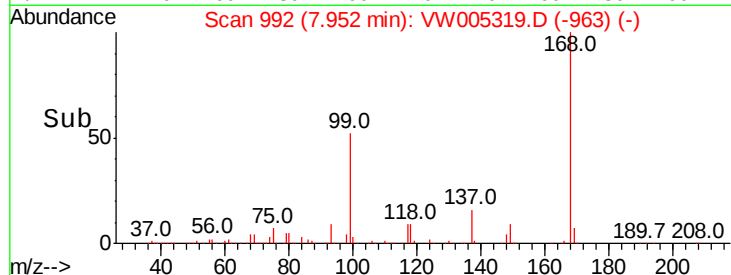
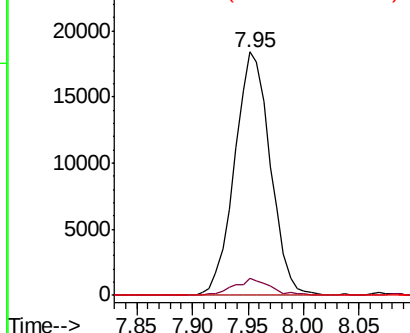
117 100

119 7.0 77.5 116.3#

121 0.0 24.7 37.1#



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: 50.781 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005319.D

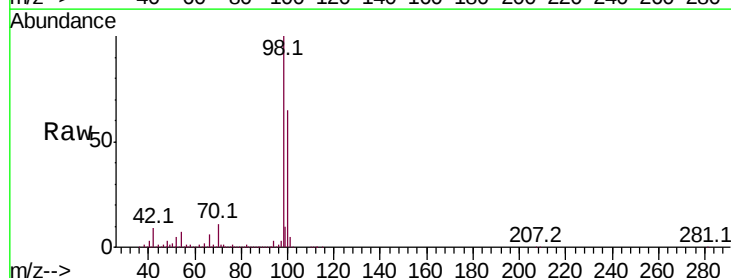
Acq: 12 Sep 2018 12:24

Tgt Ion: 98 Resp: 919080

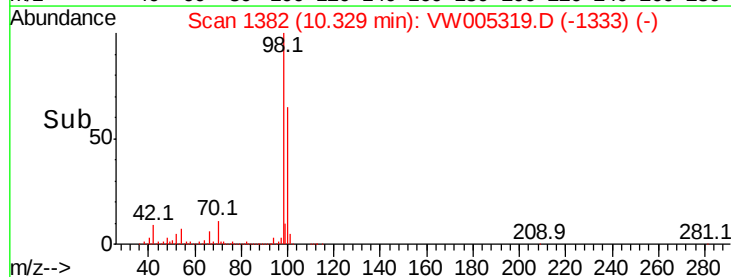
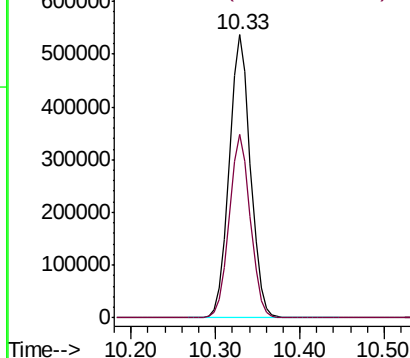
Ion Ratio Lower Upper

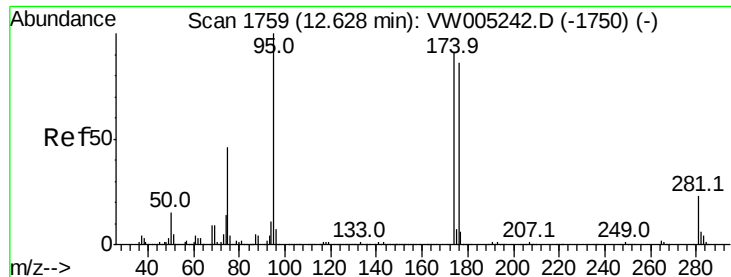
98 100

100 64.5 52.0 78.0



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

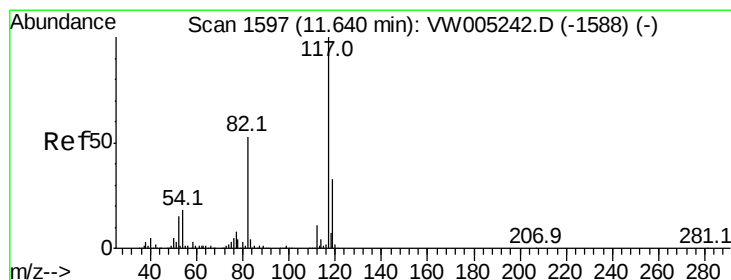
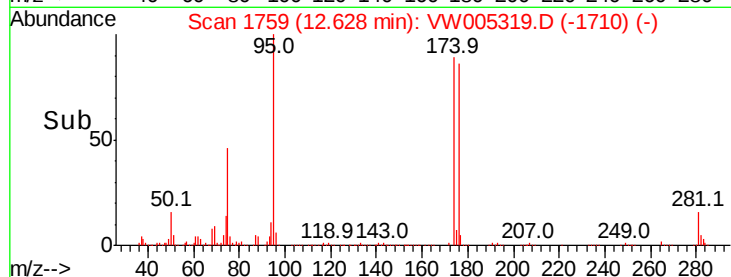
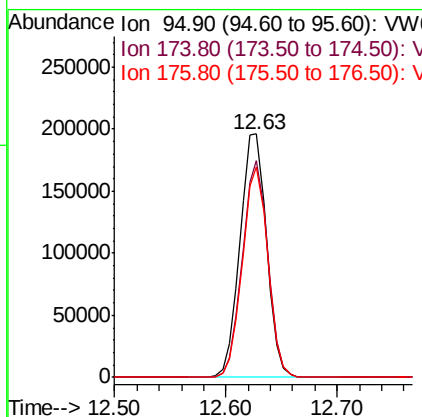
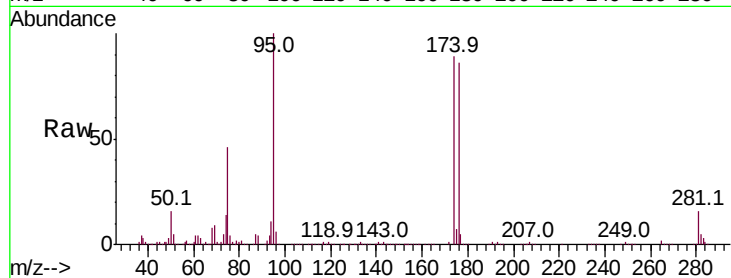




#62
4-Bromofluorobenzene
Concen: 49.077 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VW005319.D
Acq: 12 Sep 2018 12:24

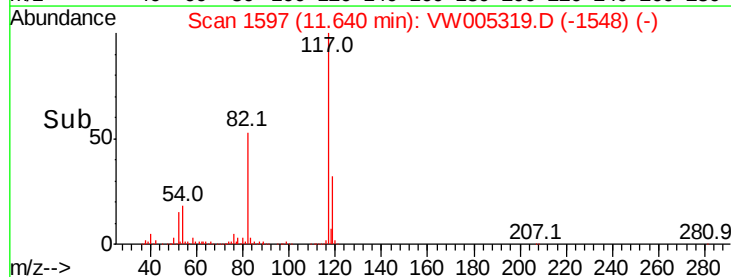
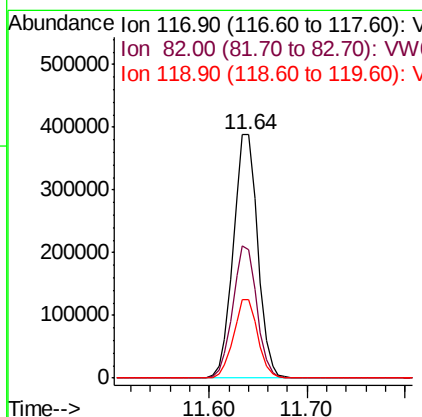
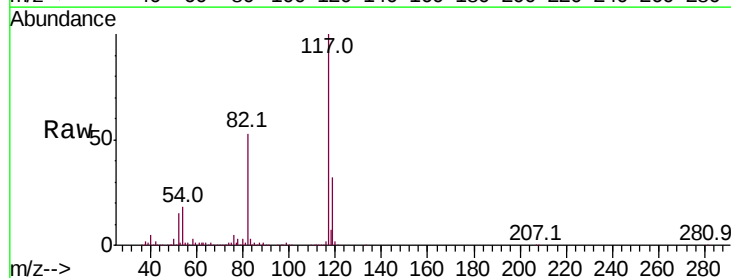
Instrument :
MSVOA_W
ClientSampleId :

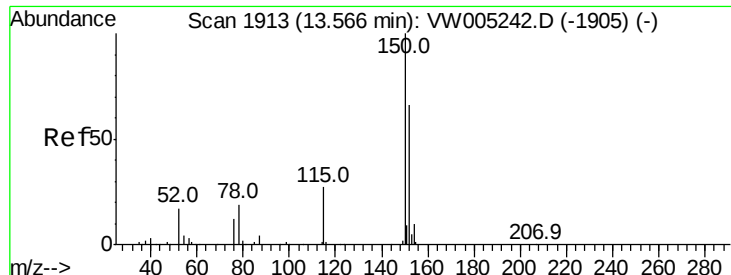
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.6	0.0	174.6
176	82.8	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005319.D
Acq: 12 Sep 2018 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.6	63.8
119	32.2	26.2	39.4

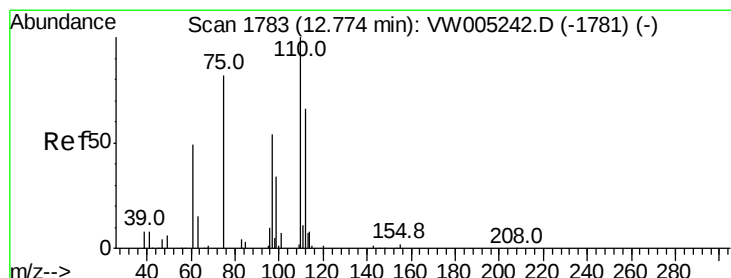
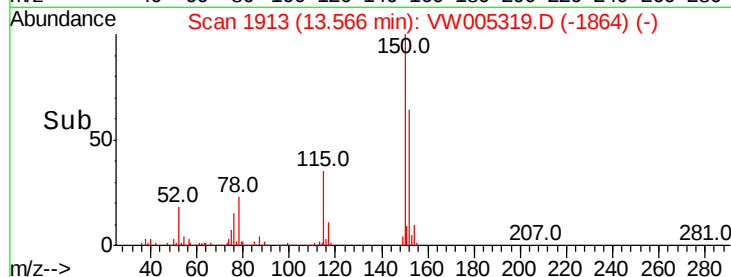
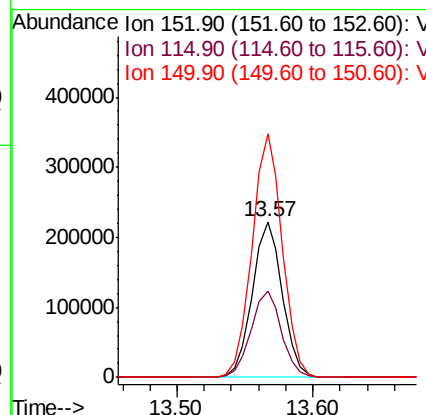
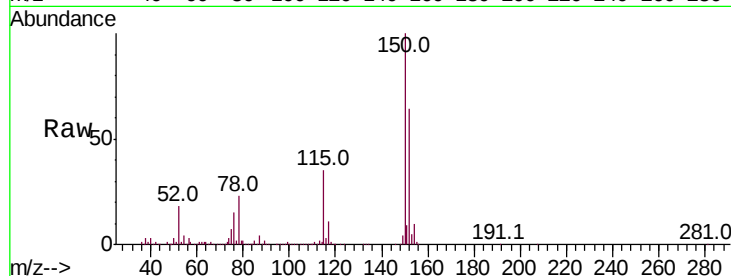




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW005319.D
 Acq: 12 Sep 2018 12:24

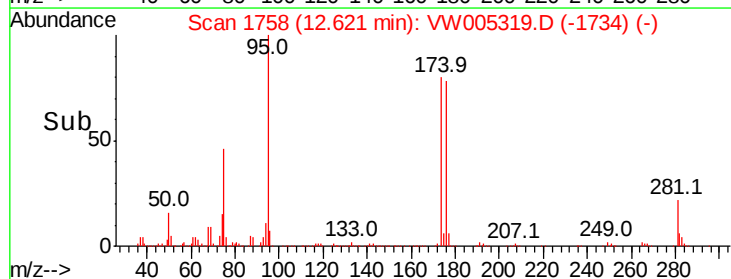
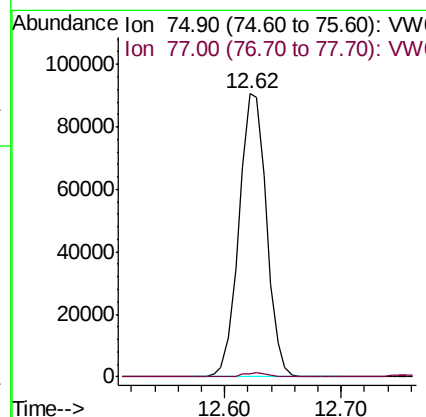
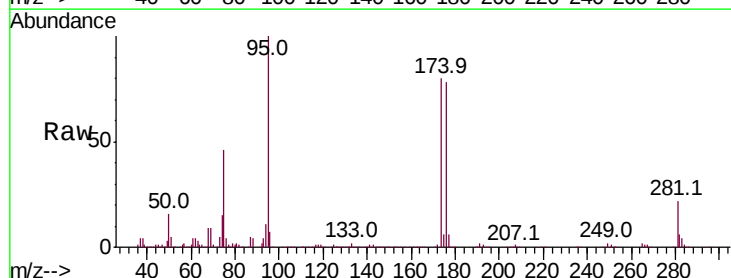
Instrument :
 MSVOA_W
 ClientSampleId :

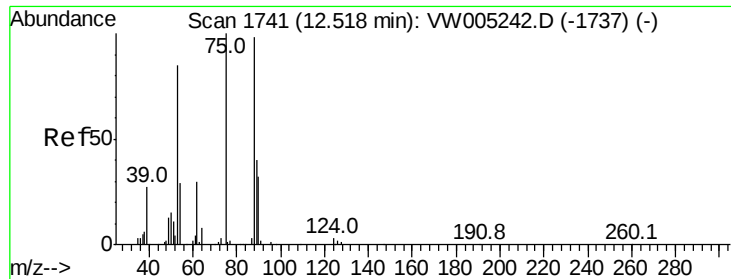
Tot Ion:152 Resp: 343988
 Ion Ratio Lower Upper
 152 100
 115 56.0 27.5 82.4
 150 156.9 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.263 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005319.D
 Acq: 12 Sep 2018 12:24

Tgt Ion: 75 Resp: 148859
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 131.949 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW005319.D

Acq: 12 Sep 2018 12:24

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 148859

Ion Ratio Lower Upper

75 100

53 0.2 67.0 100.6#

89 0.1 37.0 55.4#

