

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
 Data File : VW005341.D
 Acq On : 12 Sep 2018 21:56
 Operator : SY/AP
 Sample : J4873-05
 Misc : 5.02G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NF-STONE

Quant Time: Sep 13 01:02:04 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	426979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	636783	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	633245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	330598	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	149347	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	7.89	113	144194	43.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.46%	
50) Toluene-d8	10.33	98	650494	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
62) 4-Bromofluorobenzene	12.62	95	235793	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	

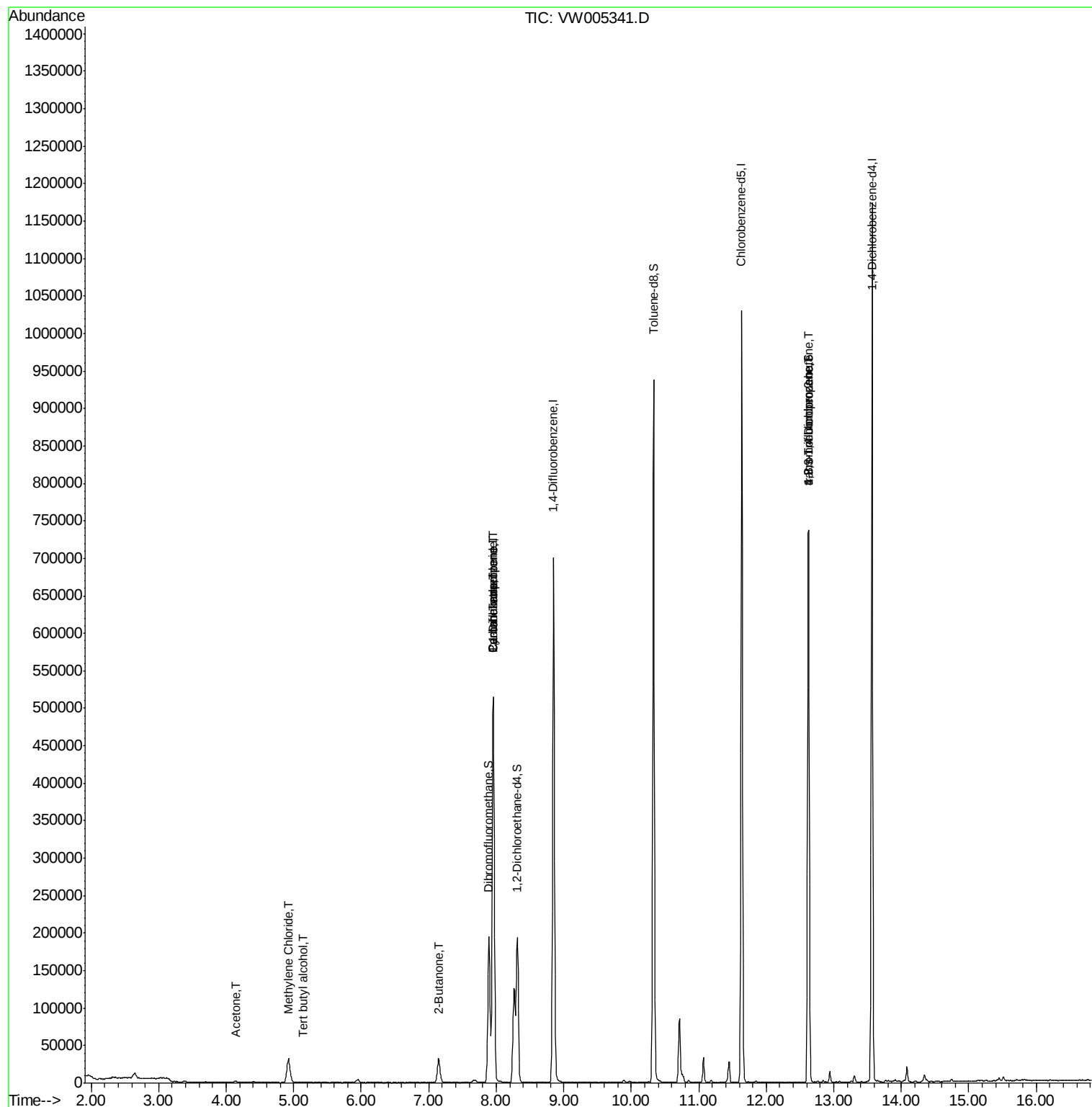
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	82	Below Cal	#	3
11) Tert butyl alcohol	5.15	59	809	3.098	ug/l #	73
16) Acetone	4.14	43	2898	4.903	ug/l	94
20) Methylene Chloride	4.92	84	27131	3.086	ug/l	95
25) 2-Butanone	7.15	43	1468	1.574	ug/l #	43
31) Cyclohexane	7.96	56	6933	1.017	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	27154	4.654	ug/l #	48
38) Carbon Tetrachloride	7.96	117	37002	6.771	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	107281	42.190	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	107281	98.945	ug/l #	16

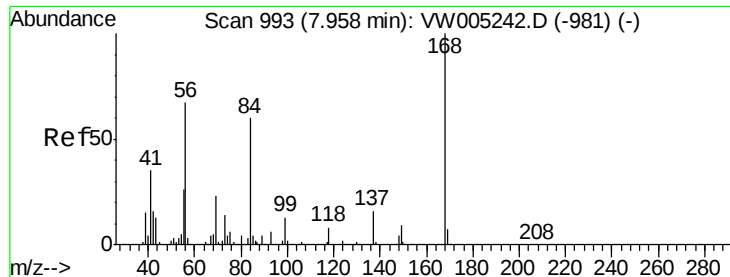
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091218\
Data File : VW005341.D
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Misc : 5.02G/5ML/MSVOA_W/SOIL
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Instrument :
MSVOA_W
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NF-STONE

Quant Time: Sep 13 01:02:04 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: VW005341.D

Acq: 12 Sep 2018 21:56

Instrument :

MSVOA_W

ClientSampled :

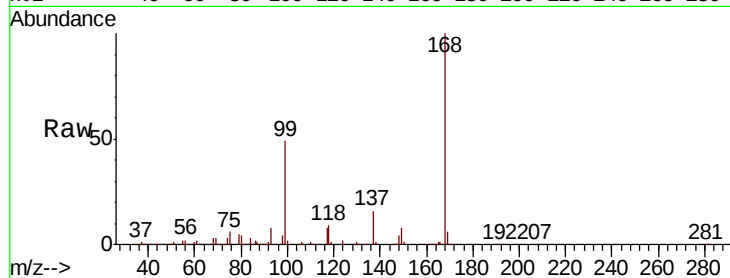
NF-STONE

Tgt Ion:168 Resp: 426979

Ion Ratio Lower Upper

168 100

99 48.6 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

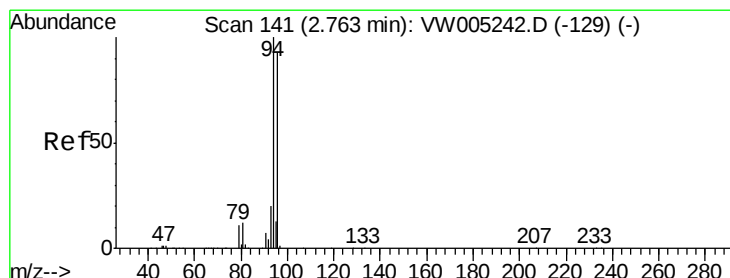
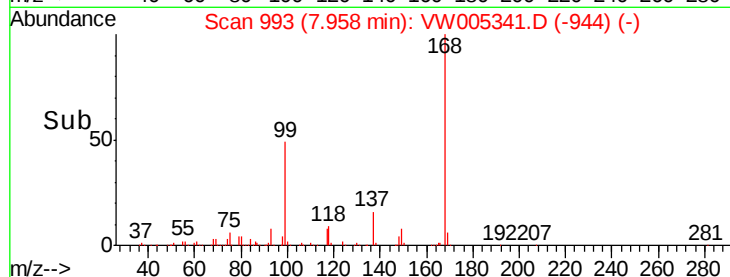
100000

50000

0

Time-->

7.80 7.90 8.00 8.10 8.20



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW005341.D

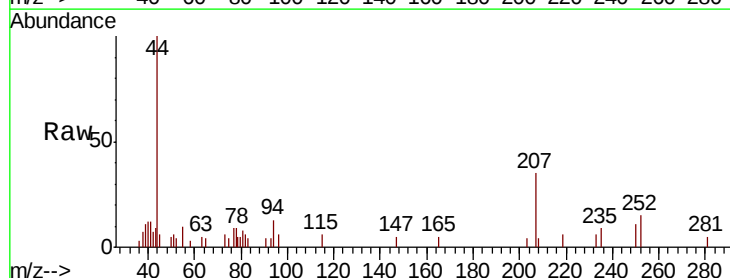
Acq: 12 Sep 2018 21:56

Tgt Ion: 94 Resp: 82

Ion Ratio Lower Upper

94 100

96 0.0 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.76

300

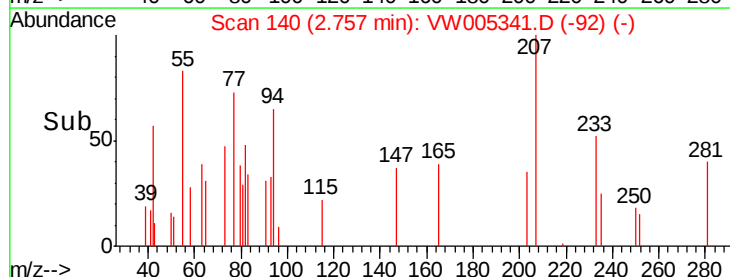
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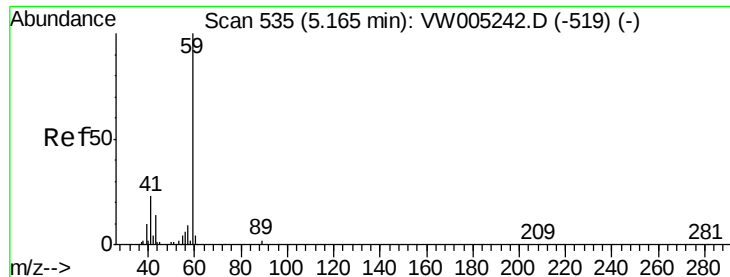
100

0

Time-->

2.74 2.75 2.76 2.77

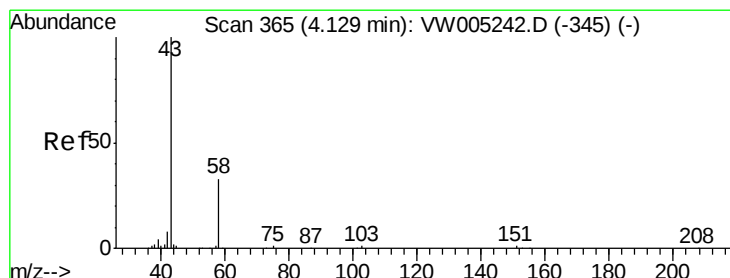
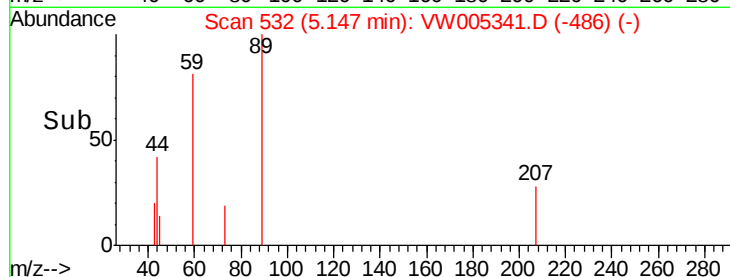
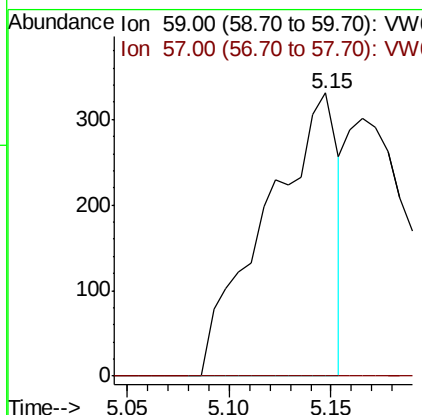
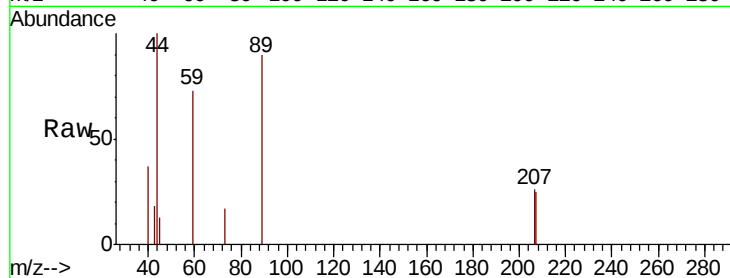




#11
Tert butyl alcohol
Concen: 3.098 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.02 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

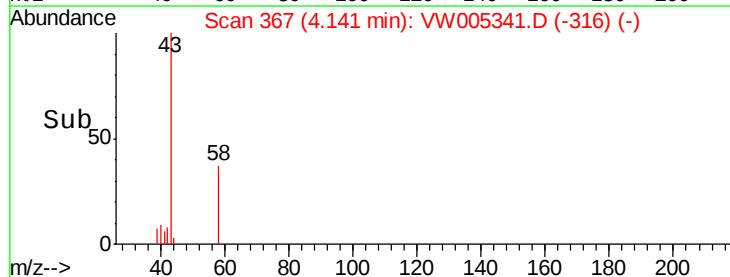
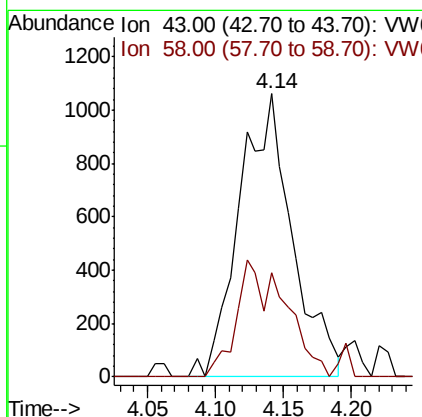
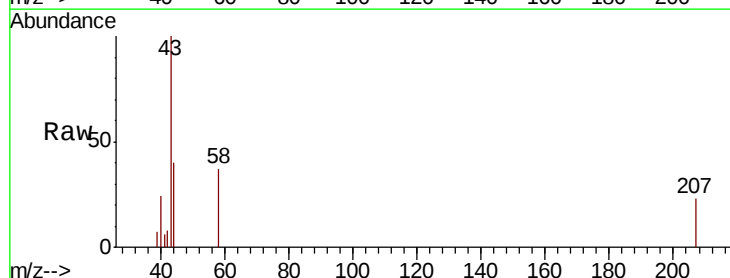
Instrument :
MSVOA_W
ClientSampled :
NF-STONE

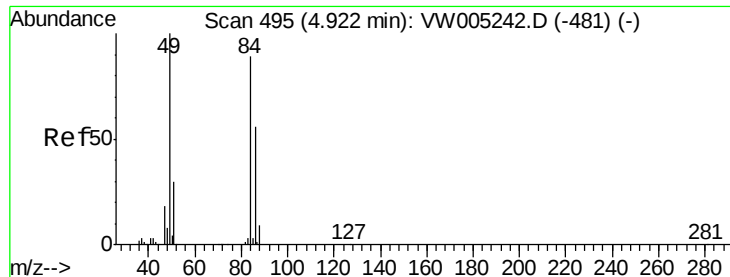
Tgt Ion: 59 Resp: 809
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 4.903 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

Tgt Ion: 43 Resp: 2898
Ion Ratio Lower Upper
43 100
58 36.9 26.7 40.1

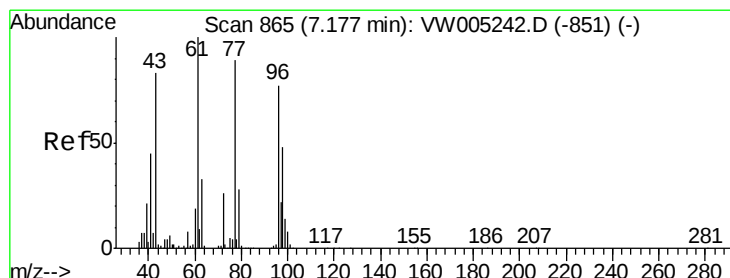
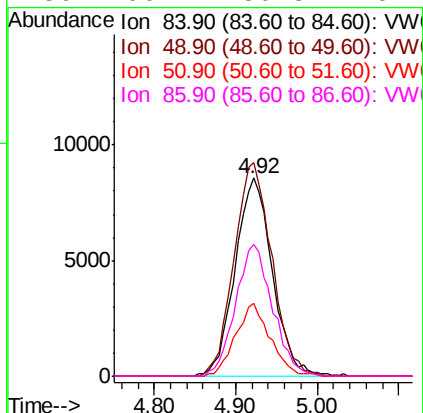
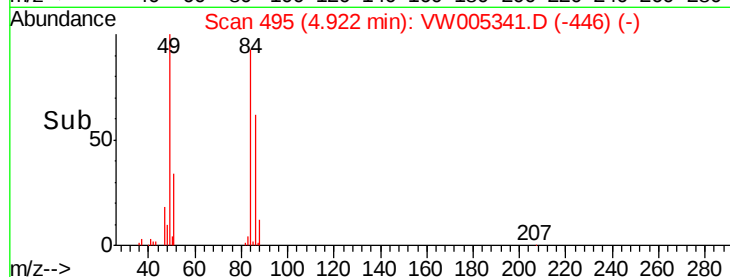
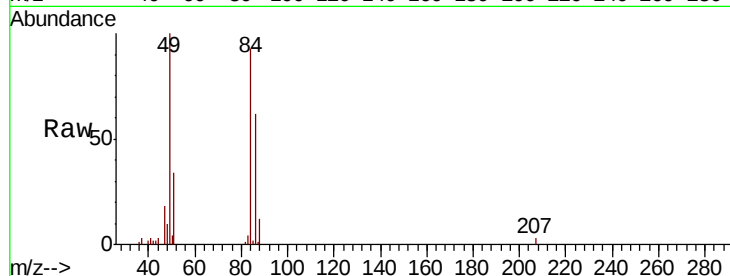




#20
Methylene Chloride
Concen: 3.086 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

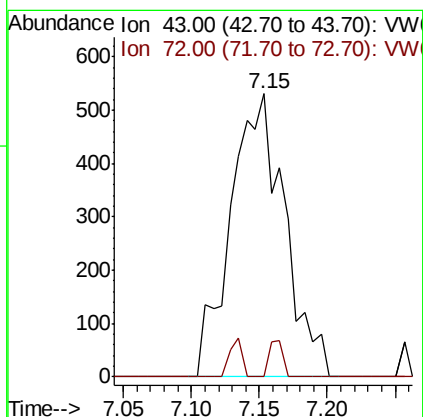
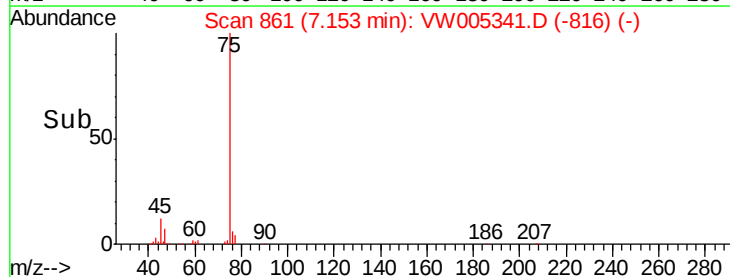
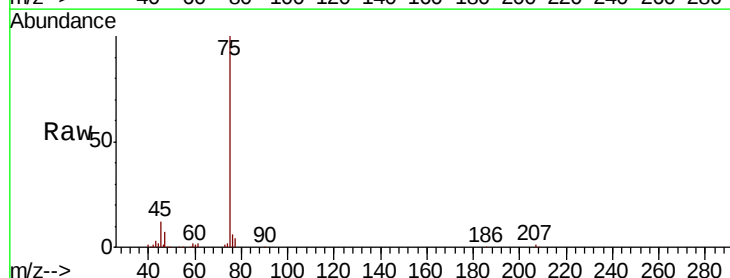
Instrument :
MSVOA_W
ClientSampleId :
NF-STONE

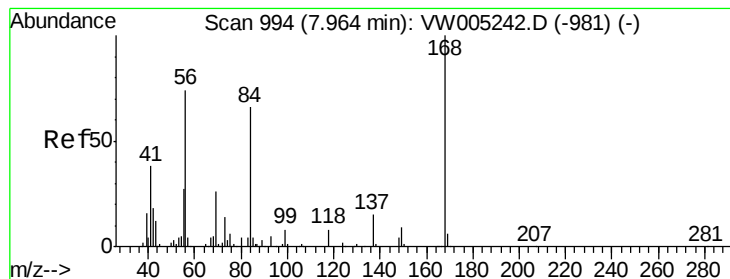
Tgt Ion: 84 Resp: 27131
Ion Ratio Lower Upper
84 100
49 107.8 90.3 135.5
51 37.0 26.9 40.3
86 66.7 50.8 76.2



#25
2-Butanone
Concen: 1.574 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
72 0.0 25.0 37.6#





#31

Cyclohexane

Concen: 1.017 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW005341.D

Acq: 12 Sep 2018 21:56

Instrument :

MSVOA_W

ClientSampled :

NF-STONE

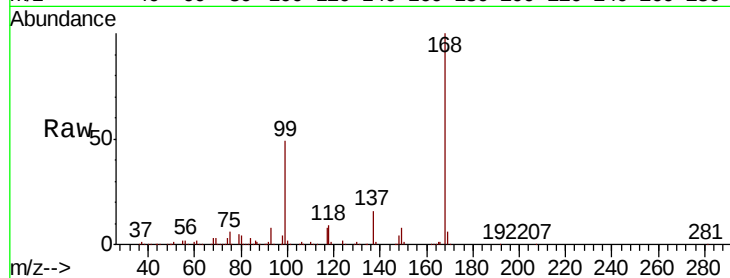
Tgt Ion: 56 Resp: 6933

Ion Ratio Lower Upper

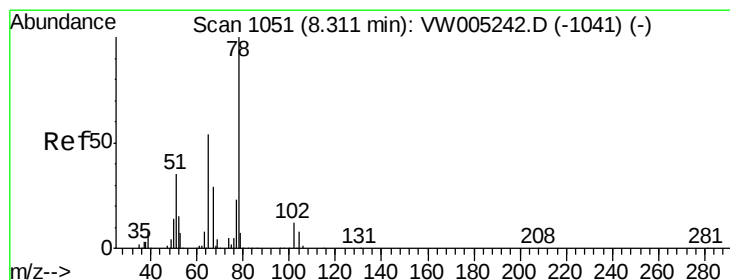
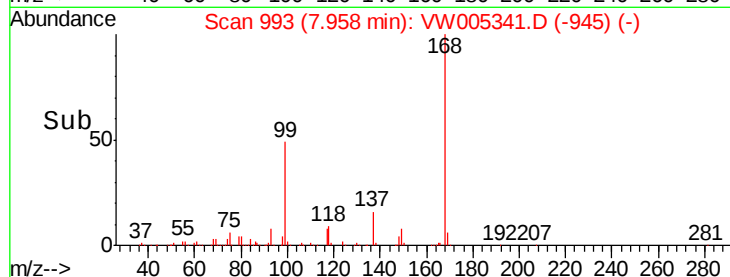
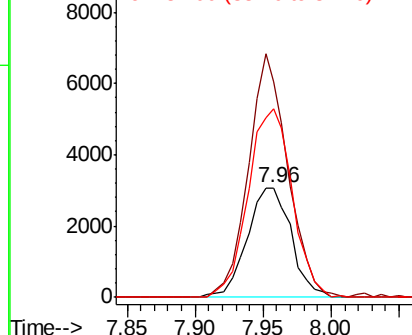
56 100

69 197.0 27.8 41.8#

84 172.7 72.1 108.1#



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: 46.896 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW005341.D

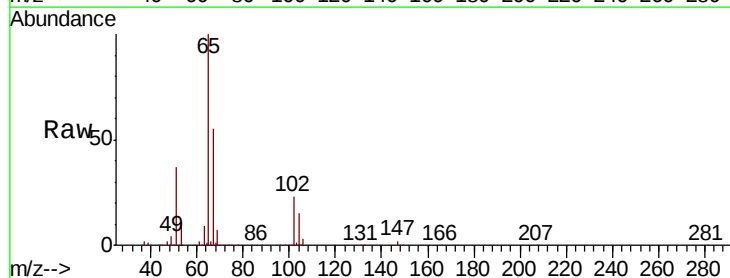
Acq: 12 Sep 2018 21:56

Tgt Ion: 65 Resp: 149347

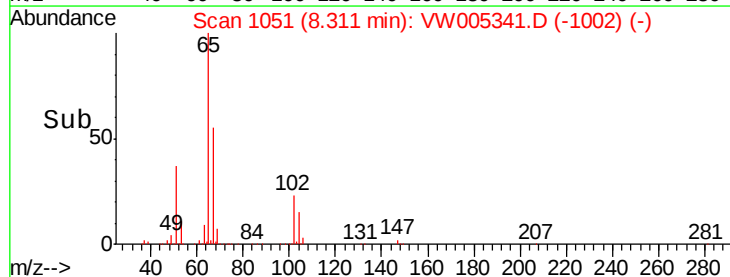
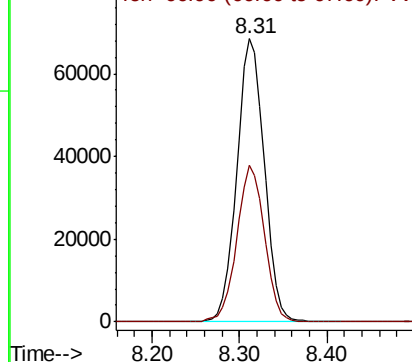
Ion Ratio Lower Upper

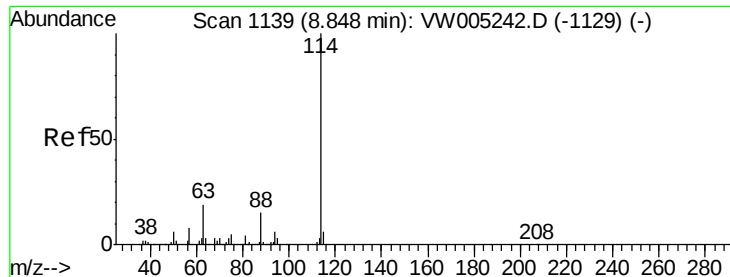
65 100

67 55.8 0.0 112.2



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

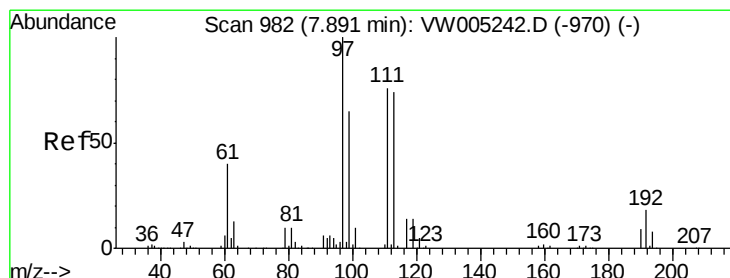
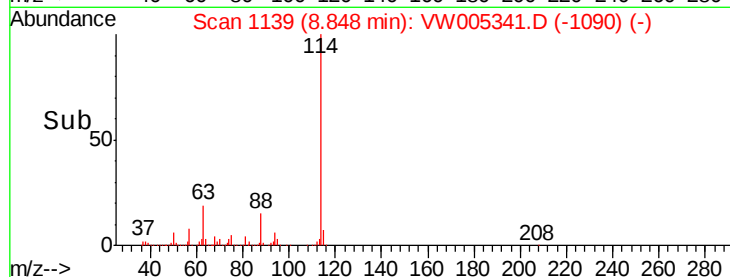
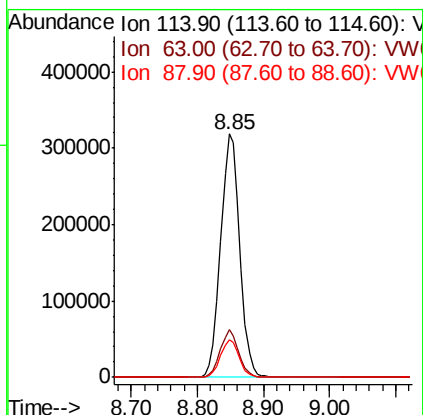
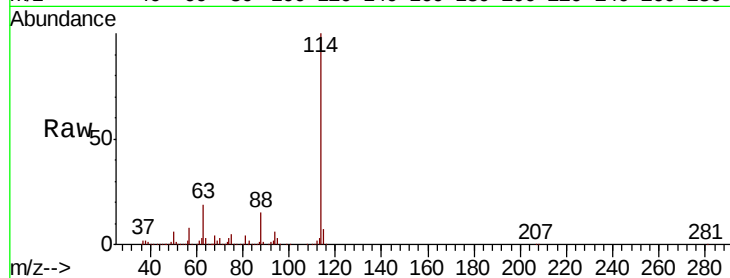




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

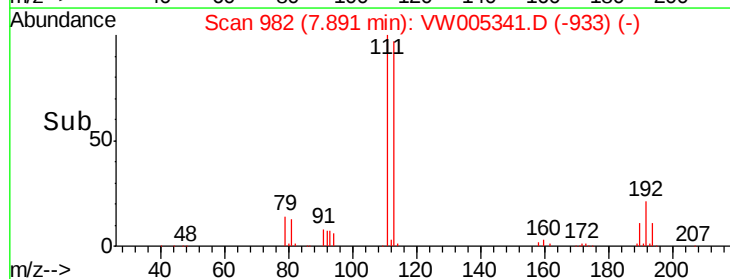
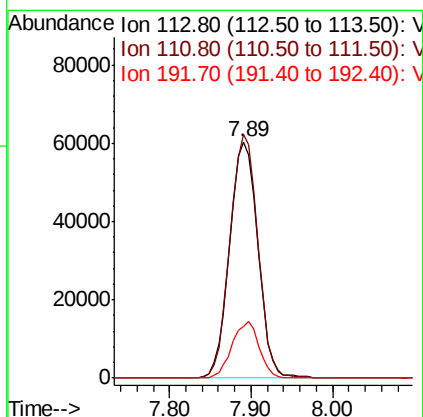
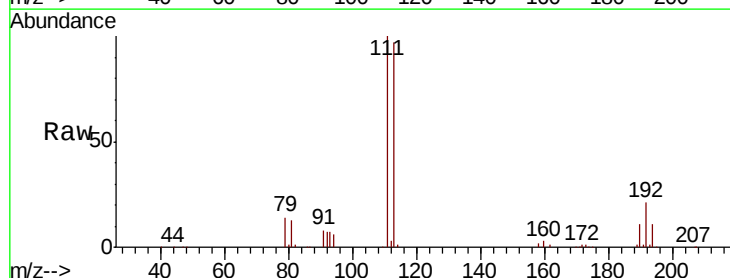
Instrument :
 MSVOA_W
 ClientSampleId :
 NF-STONE

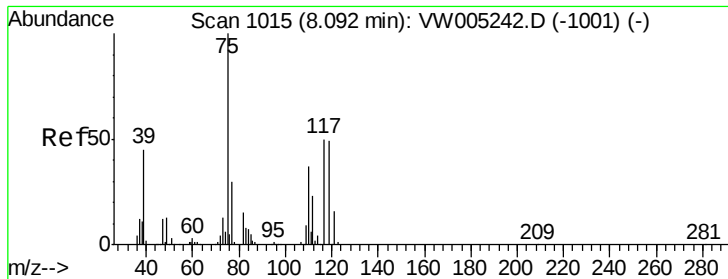
Tgt Ion:114 Resp: 636783
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.0
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 43.228 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

Tgt Ion:113 Resp: 144194
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.6 121.0
 192 23.1 18.3 27.5

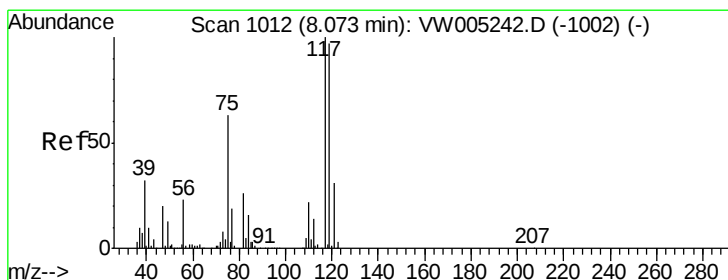
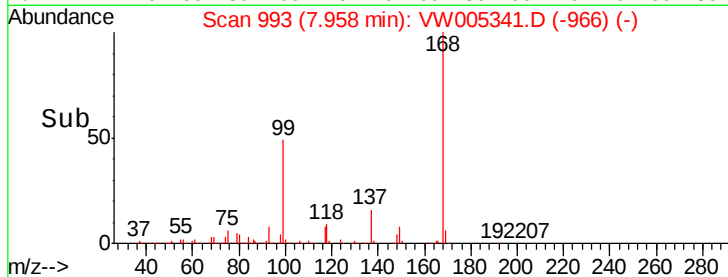
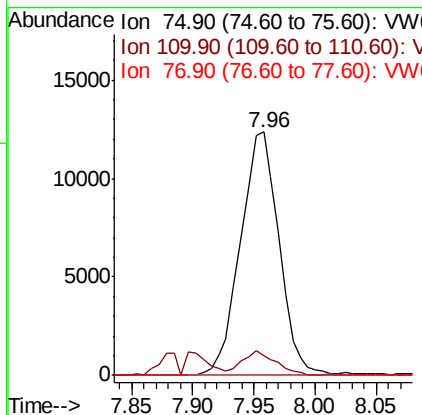
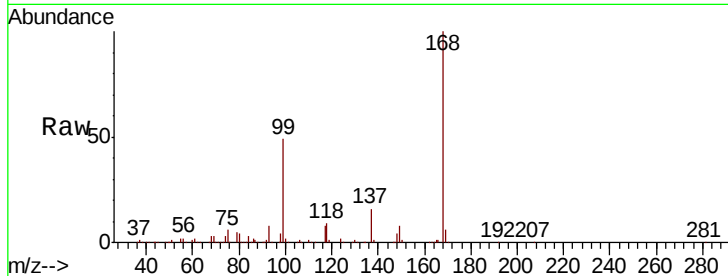




#36
 1,1-Dichloropropene
 Concen: 4.654 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

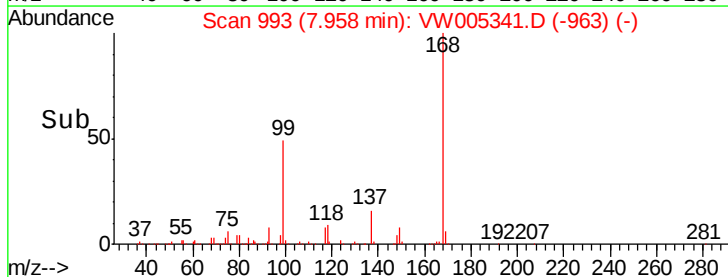
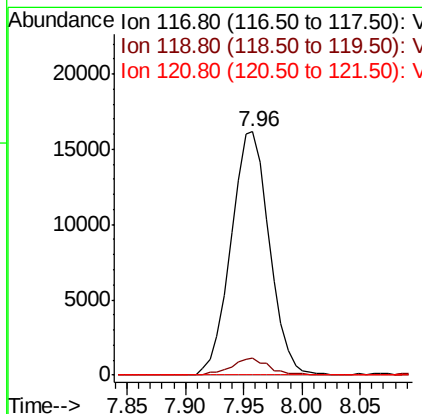
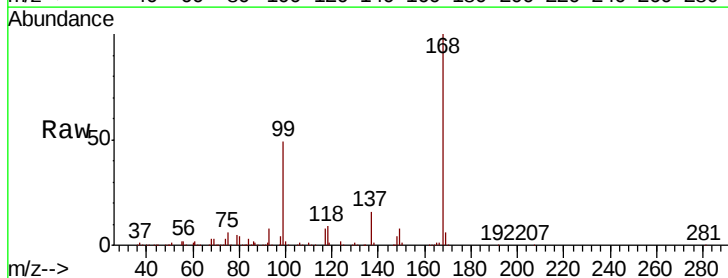
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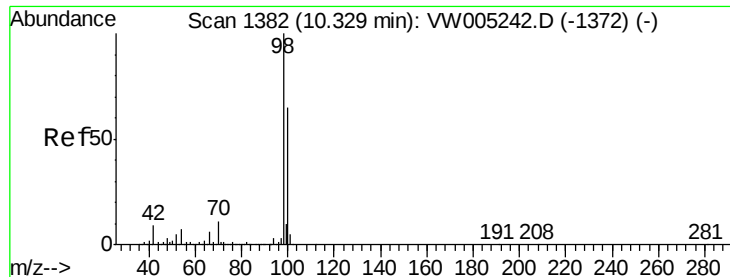
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.8	56.4#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.771 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	77.5	116.3#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 38.592 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW005341.D

Acq: 12 Sep 2018 21:56

Instrument :

MSVOA_W

ClientSampleId :

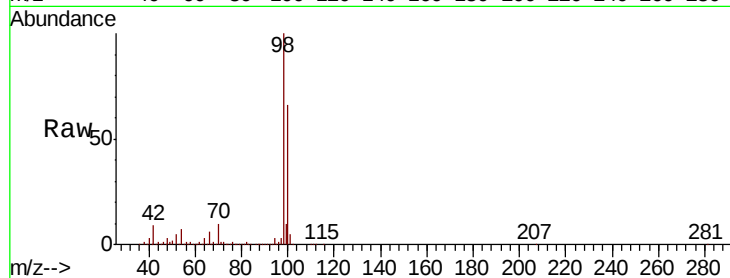
NF-STONE

Tgt Ion: 98 Resp: 650494

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

400000

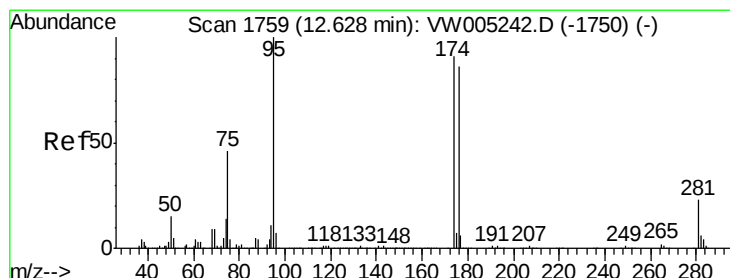
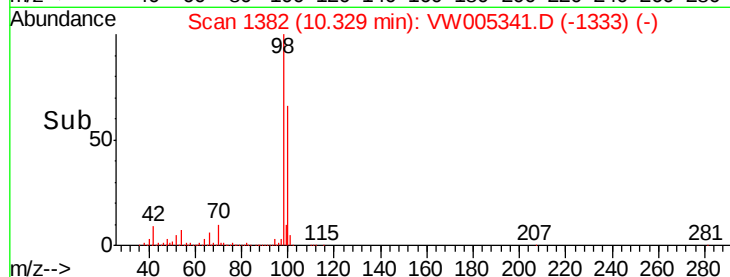
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.245 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: VW005341.D

Acq: 12 Sep 2018 21:56

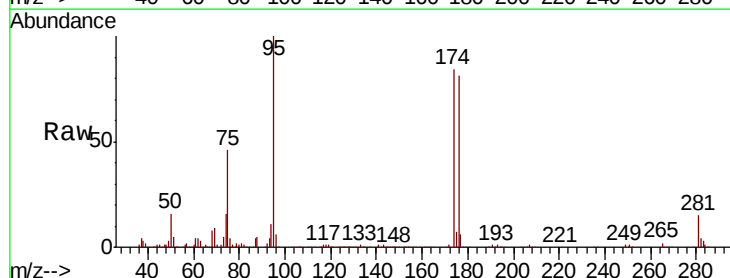
Tgt Ion: 95 Resp: 235793

Ion Ratio Lower Upper

95 100

174 90.0 0.0 174.6

176 86.1 0.0 167.6



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

200000

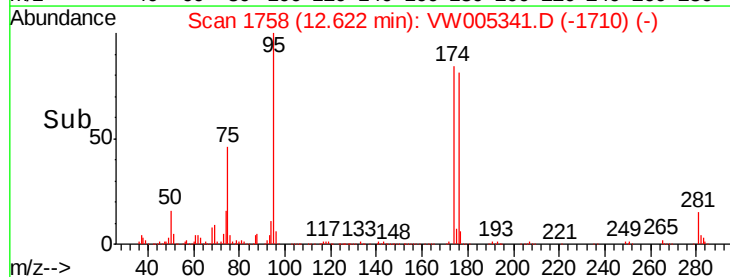
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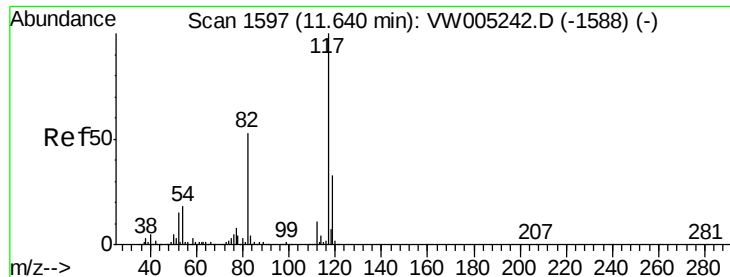
100000

50000

0

Time-->

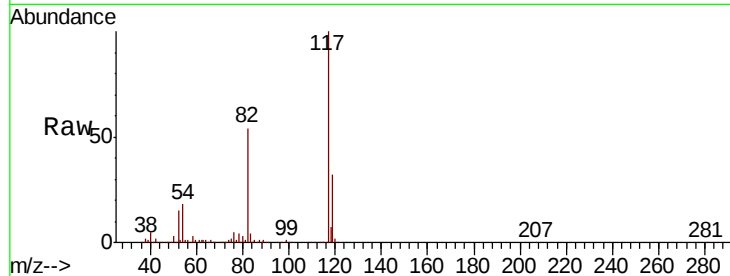




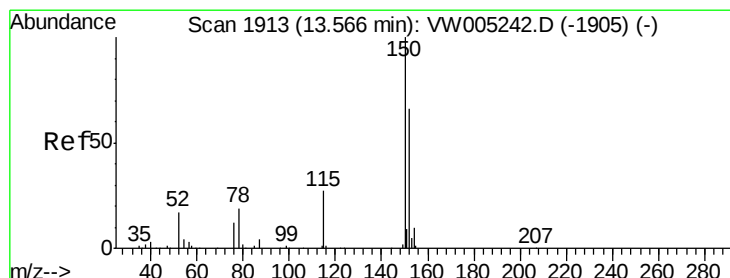
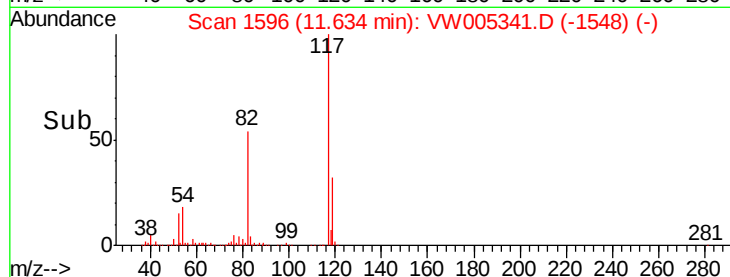
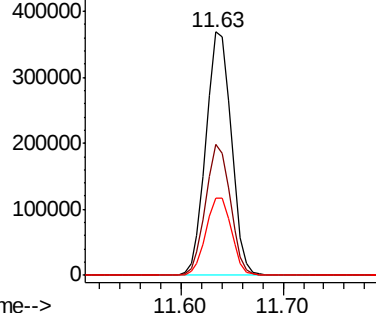
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

Instrument :
MSVOA_W
ClientSampleId :
NF-STONE

Tgt Ion:117 Resp: 633245
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 31.7 26.2 39.4

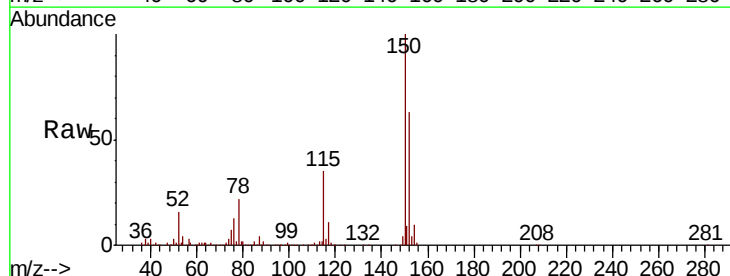


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

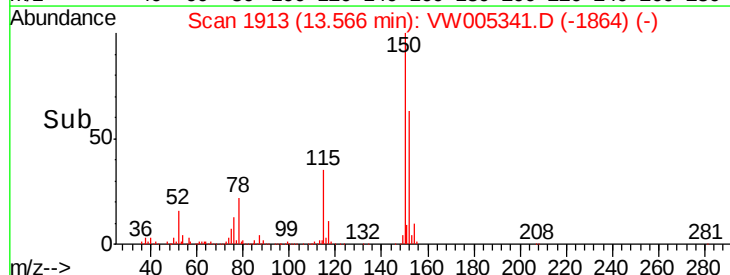
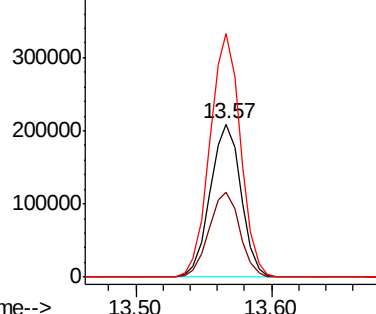


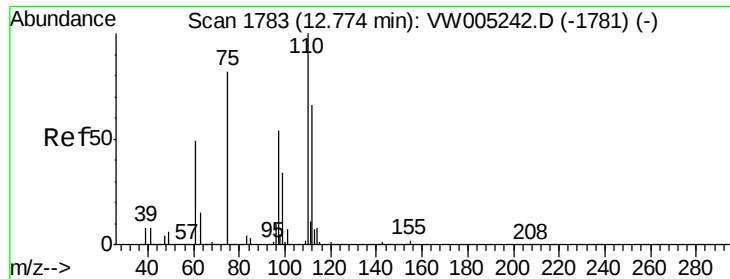
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW005341.D
Acq: 12 Sep 2018 21:56

Tgt Ion:152 Resp: 330598
Ion Ratio Lower Upper
152 100
115 55.4 27.5 82.4
150 157.4 0.0 347.4



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

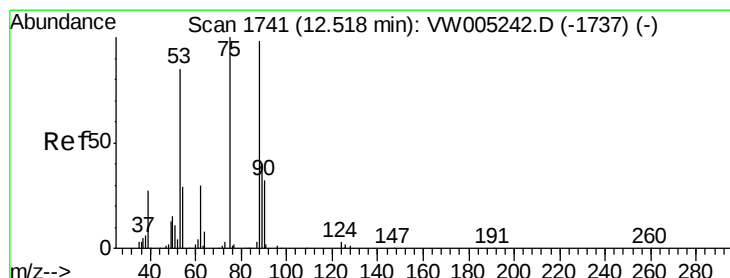
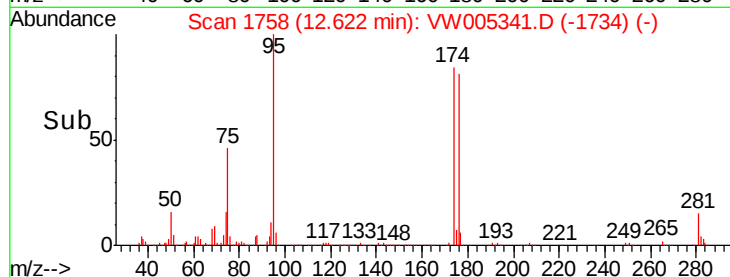
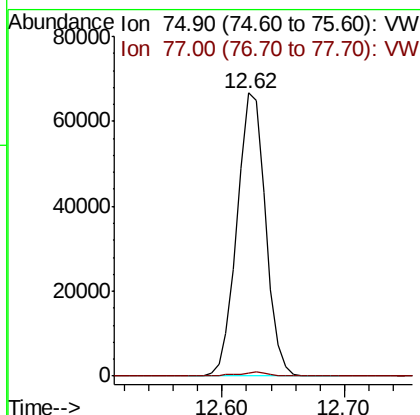
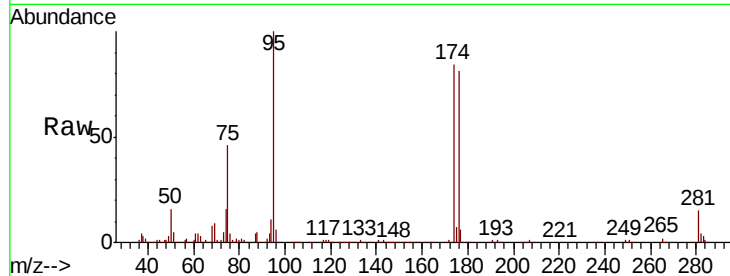




#76
 1,2,3-Trichloropropane
 Concen: 42.190 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

Instrument :
 MSVOA_W
 ClientSampleId :
 NF-STONE

Tgt Ion: 75 Resp: 107281
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.945 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW005341.D
 Acq: 12 Sep 2018 21:56

Tgt Ion: 75 Resp: 107281
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.0 100.6#
 89 0.2 37.0 55.4#

