

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
 Data File : VW005510.D
 Acq On : 19 Sep 2018 06:38
 Operator : SY/AP
 Sample : J4771-03
 Misc : 7.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-091818

Quant Time: Sep 19 07:11:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	224933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	299059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	99330	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.32	65	105483	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
35) Dibromofluoromethane	7.89	113	83498	41.25	ug/l	0.00
Spiked Amount			Recovery	=	82.50%	
50) Toluene-d8	10.33	98	318803	34.39	ug/l	0.00
Spiked Amount			Recovery	=	68.78%	
62) 4-Bromofluorobenzene	12.63	95	88059	25.91	ug/l	0.00
Spiked Amount			Recovery	=	51.82%	

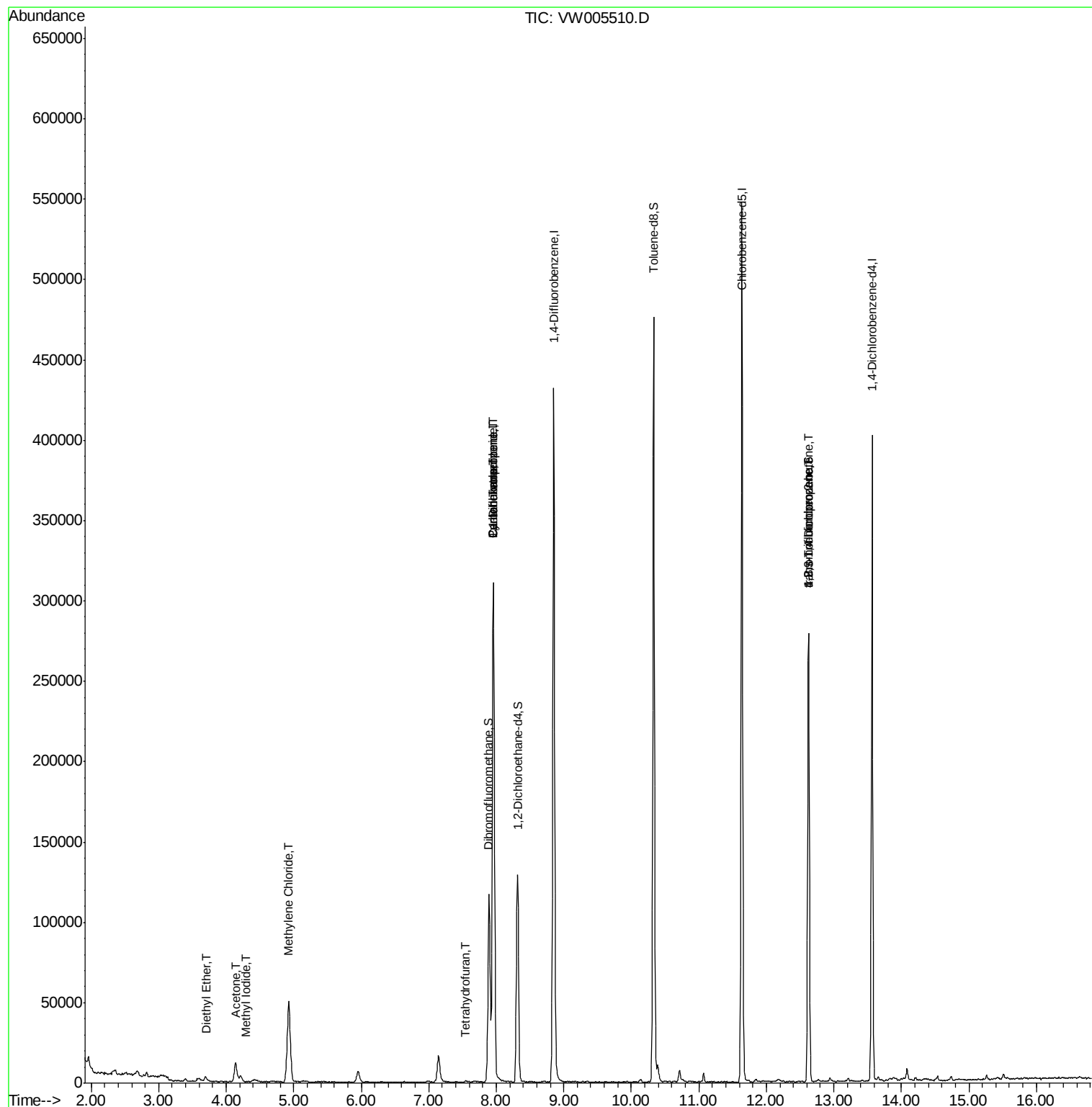
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	228	Below Cal	#	36
5) Bromomethane	2.78	94	404	Below Cal		97
8) Diethyl Ether	3.71	74	1575	1.608	ug/l	93
10) Methyl Iodide	4.28	142	53	4.071	ug/l #	38
11) Tert butyl alcohol	5.23	59	55	Below Cal	#	71
13) Acrolein	3.65	56	26	Below Cal	#	12
16) Acetone	4.14	43	22340	52.286	ug/l	99
20) Methylene Chloride	4.93	84	37575	11.841	ug/l	96
29) Tetrahydrofuran	7.56	42	539	1.506	ug/l #	50
31) Cyclohexane	7.96	56	5400	1.449	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	18642	5.457	ug/l #	51
38) Carbon Tetrachloride	7.96	117	22353	6.279	ug/l #	17
76) 1,2,3-Trichloropropane	12.63	75	45114	55.221	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	45114	143.248	ug/l #	8

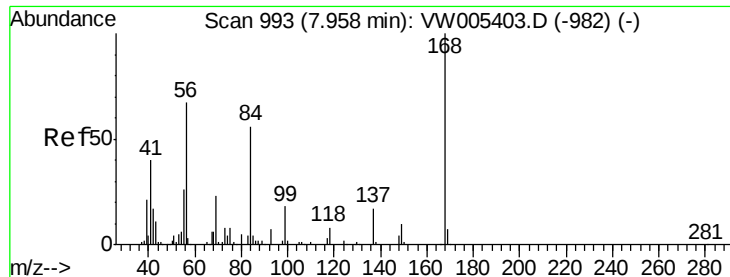
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005510.D
Acq On : 19 Sep 2018 06:38
Operator : SY/AP
Sample : J4771-03
Misc : 7.30G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

Quant Time: Sep 19 07:11:16 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 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: VW005510.D

Acq: 19 Sep 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

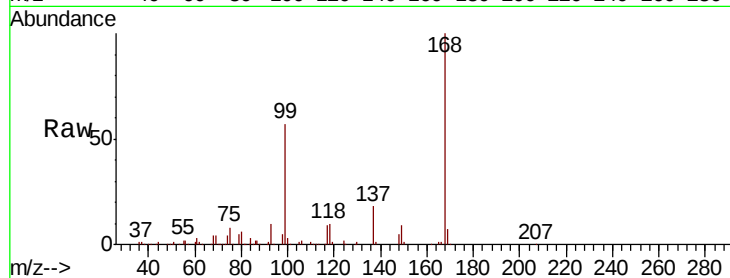
NB-07-091818

Tgt Ion:168 Resp: 224933

Ion Ratio Lower Upper

168 100

99 57.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

100000

80000

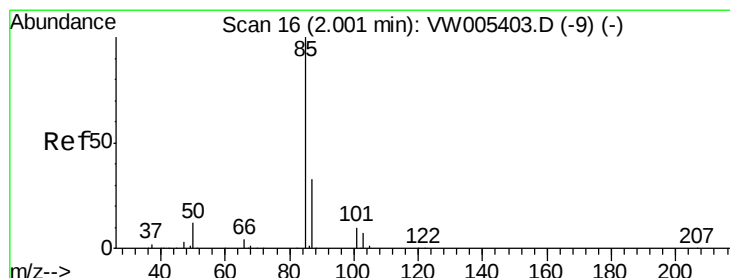
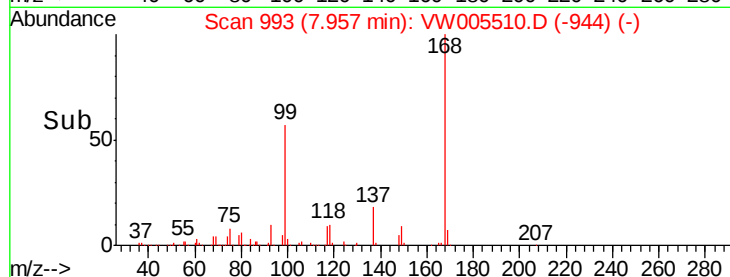
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.01 min Scan# 17

Delta R.T. 0.01 min

Lab File: VW005510.D

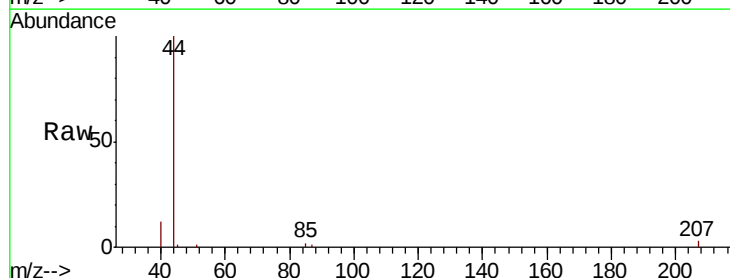
Acq: 19 Sep 2018 06:38

Tgt Ion: 85 Resp: 228

Ion Ratio Lower Upper

85 100

87 68.8 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

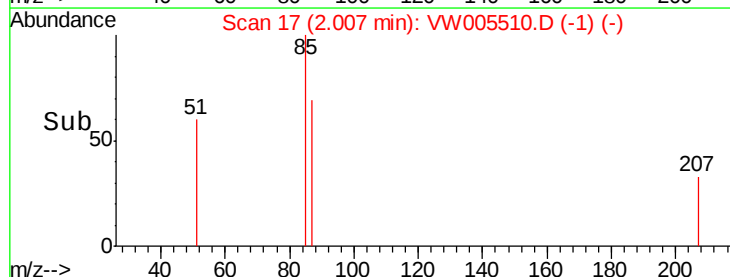
150

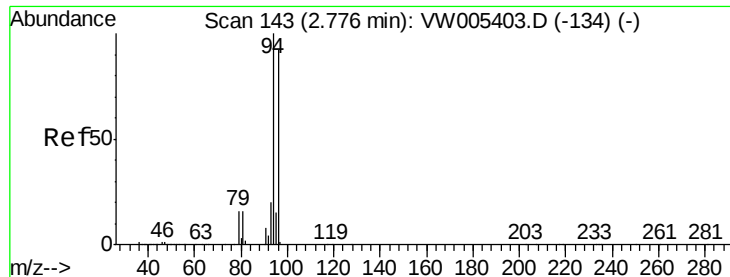
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

Instrument :

MSVOA_W

ClientSampled :

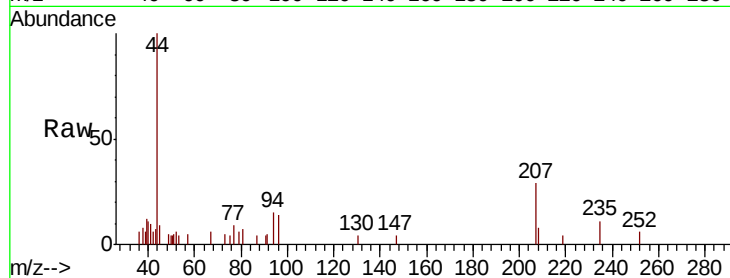
NB-07-091818

Tgt Ion: 94 Resp: 404

Ion Ratio Lower Upper

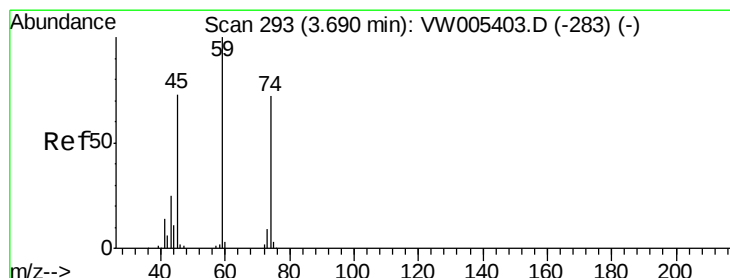
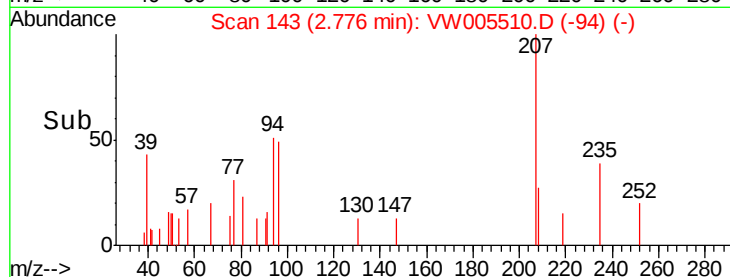
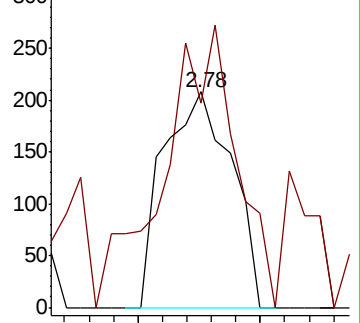
94 100

96 94.7 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#8

Diethyl Ether

Concen: 1.608 ug/l

RT: 3.71 min Scan# 296

Delta R.T. 0.02 min

Lab File: VW005510.D

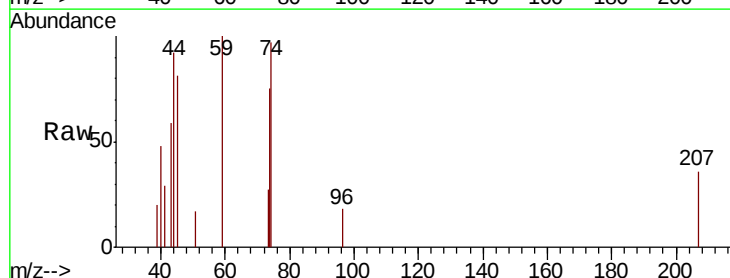
Acq: 19 Sep 2018 06:38

Tgt Ion: 74 Resp: 1575

Ion Ratio Lower Upper

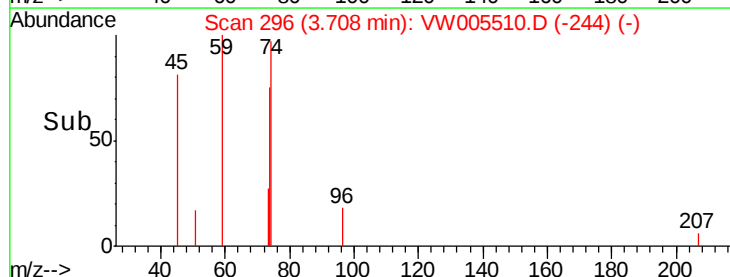
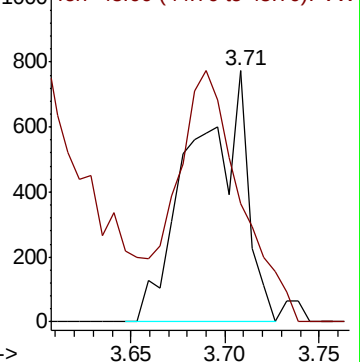
74 100

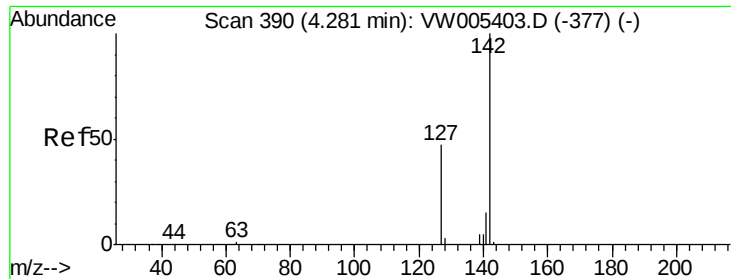
45 113.5 53.1 159.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

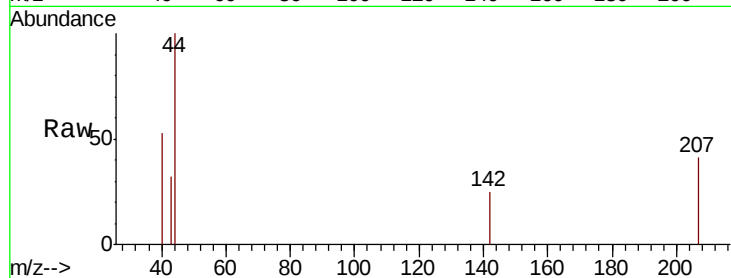




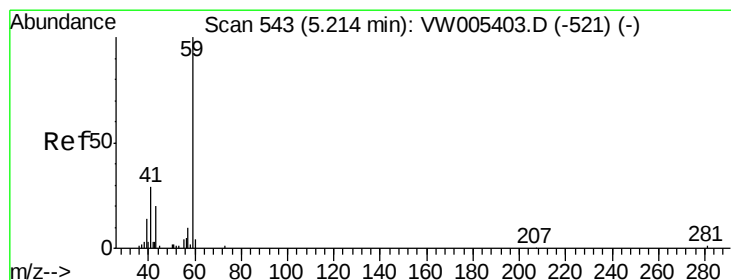
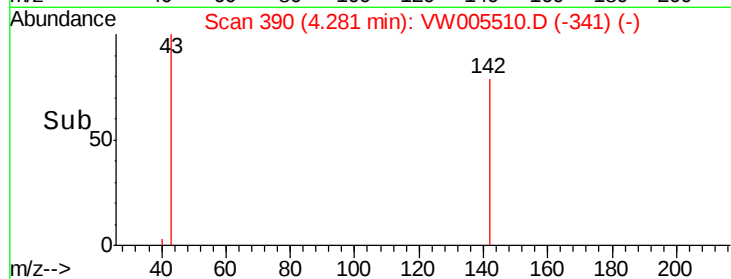
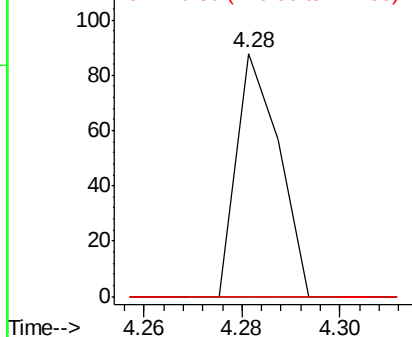
#10
Methyl Iodide
Concen: 4.071 ug/l
RT: 4.28 min Scan# 390
Delta R.T. 0.00 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

Tgt Ion: 142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.5 56.3#
141 0.0 12.4 18.6#

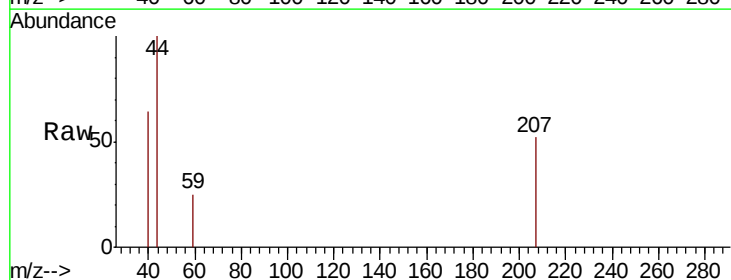


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

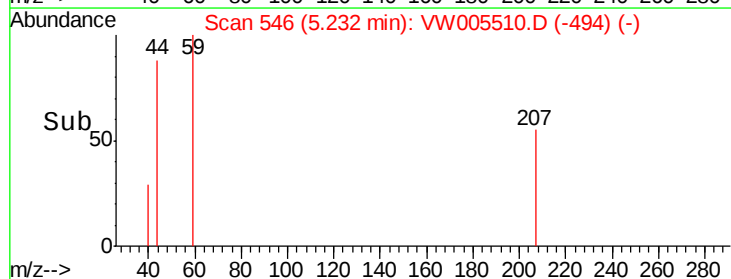
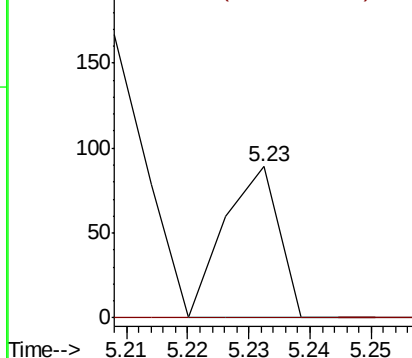


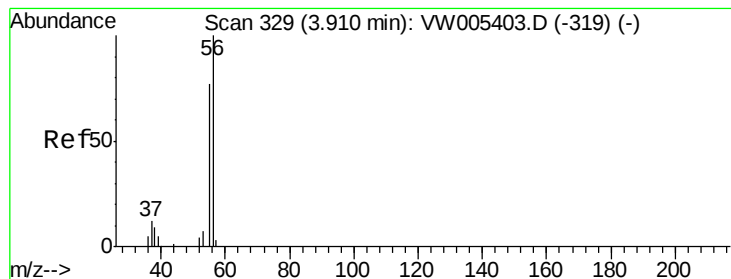
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW
Ion 57.00 (56.70 to 57.70): VW





#13

Acrolein

Concen: Below Cal

RT: 3.65 min Scan# 287

Delta R.T. -0.26 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

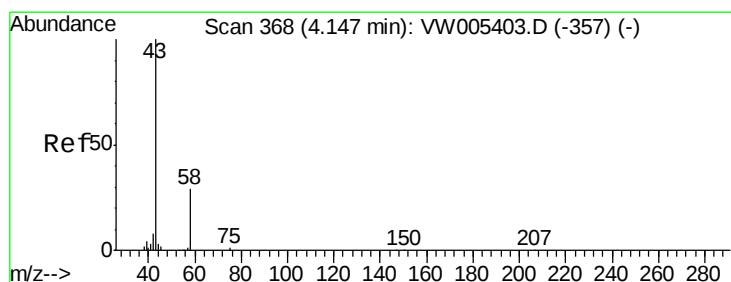
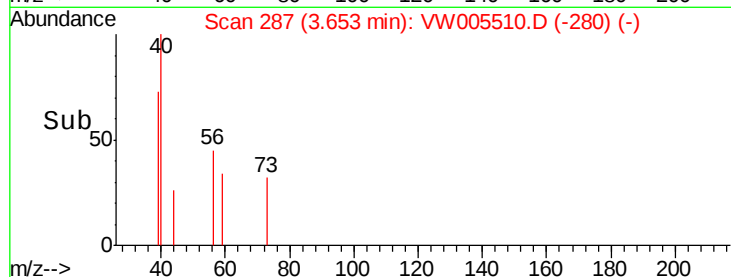
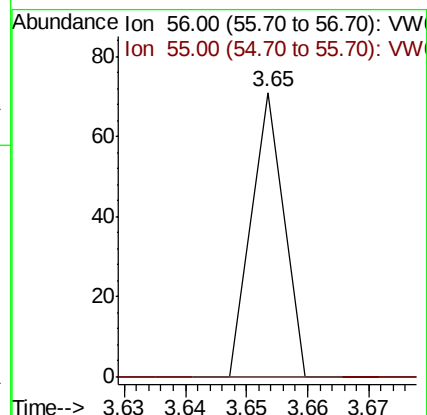
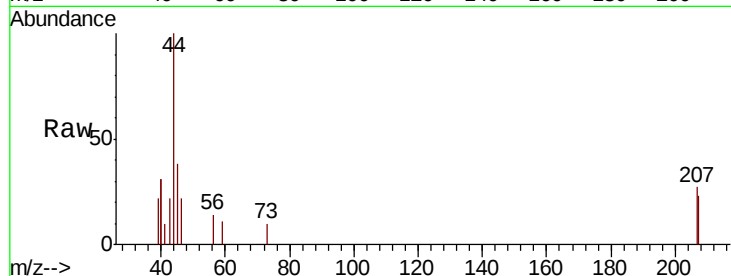
NB-07-091818

Tgt Ion: 56 Resp: 26

Ion Ratio Lower Upper

56 100

55 0.0 59.8 89.8#



#16

Acetone

Concen: 52.286 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW005510.D

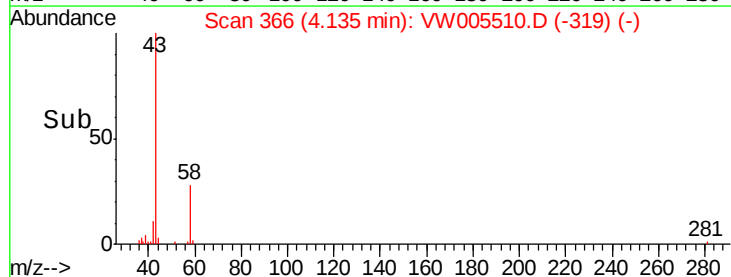
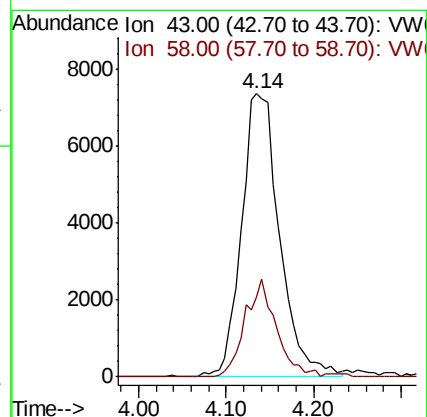
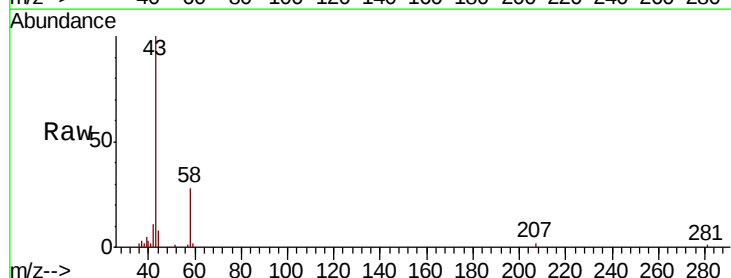
Acq: 19 Sep 2018 06:38

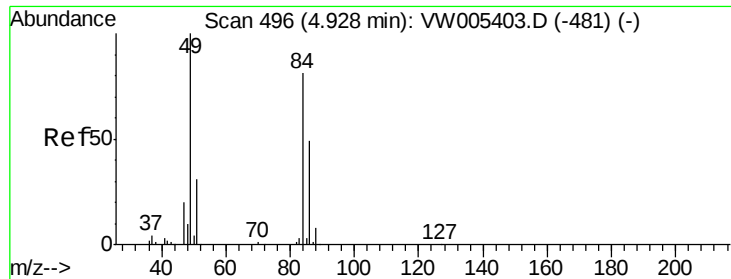
Tgt Ion: 43 Resp: 22340

Ion Ratio Lower Upper

43 100

58 28.1 22.8 34.2

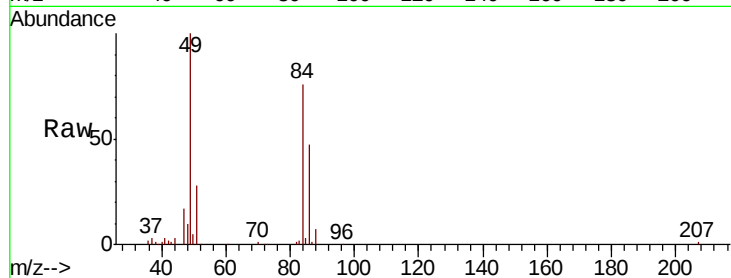




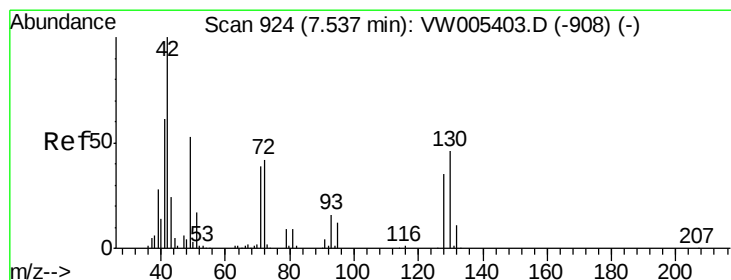
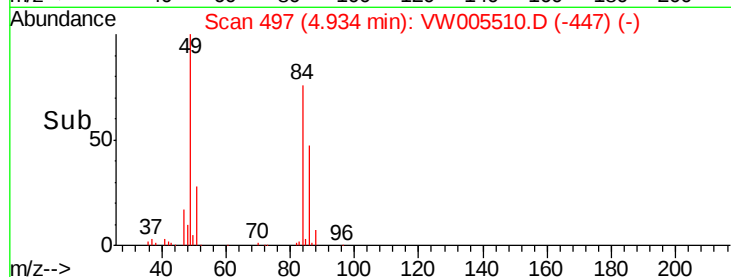
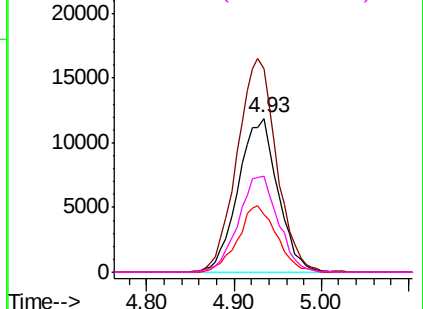
#20
Methylene Chloride
Concen: 11.841 ug/l
RT: 4.93 min Scan# 497
Delta R.T. 0.01 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

Tgt Ion: 84 Resp: 37575
Ion Ratio Lower Upper
84 100
49 131.9 99.3 148.9
51 37.4 31.1 46.7
86 62.1 49.1 73.7

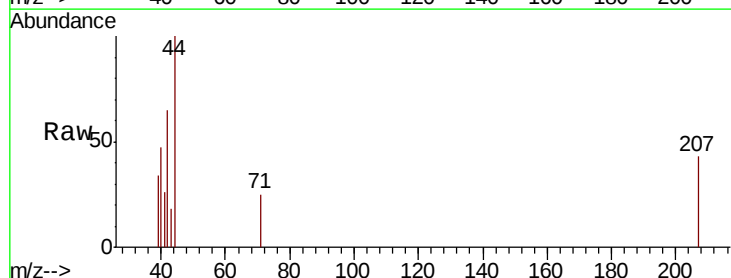


Abundance Ion 83.90 (83.60 to 84.60): VW
Ion 48.90 (48.60 to 49.60): VW
Ion 50.90 (50.60 to 51.60): VW
Ion 85.90 (85.60 to 86.60): VW

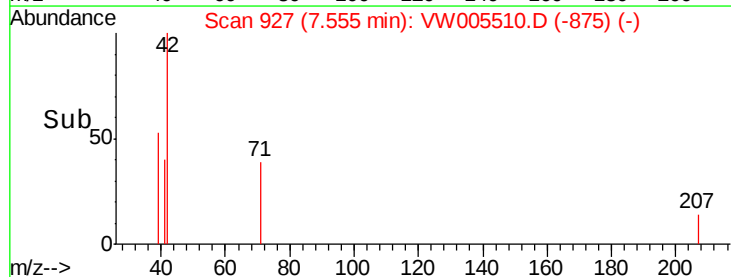
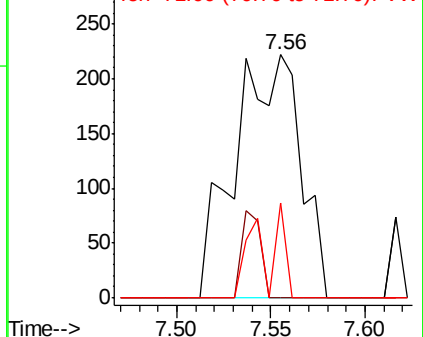


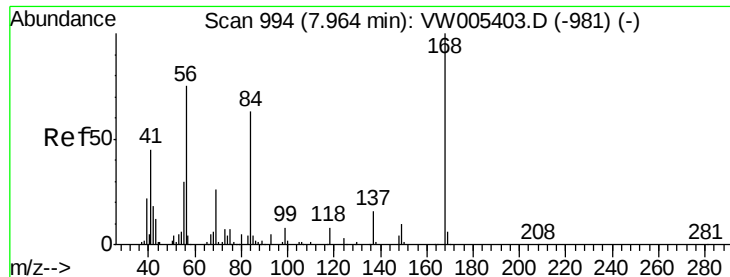
#29
Tetrahydrofuran
Concen: 1.506 ug/l
RT: 7.56 min Scan# 927
Delta R.T. 0.02 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Tgt Ion: 42 Resp: 539
Ion Ratio Lower Upper
42 100
72 10.2 33.2 49.8#
71 8.5 31.0 46.6#



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

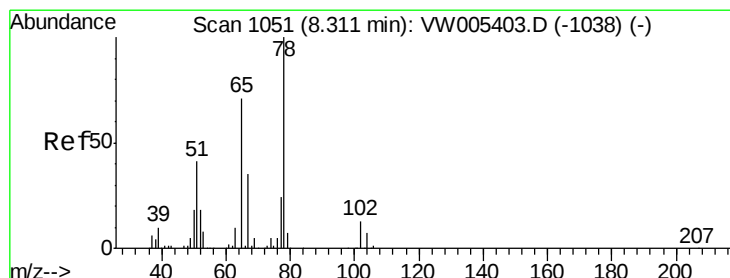
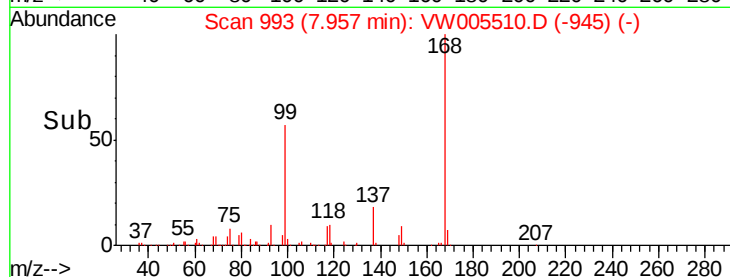
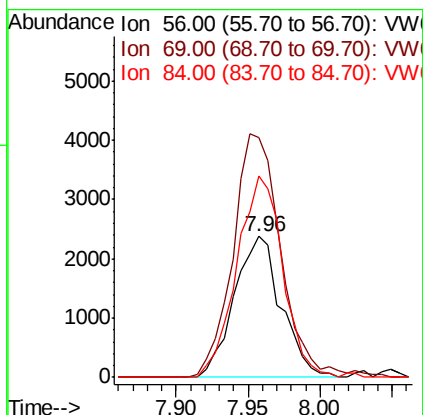
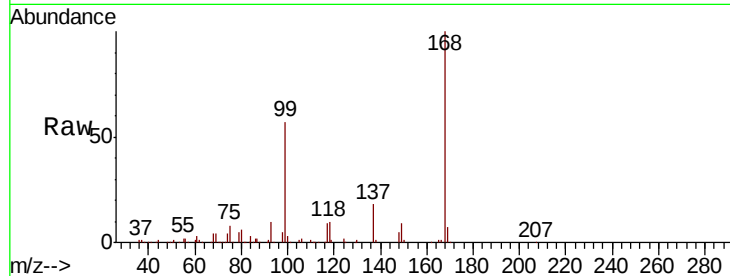




#31
Cyclohexane
Concen: 1.449 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

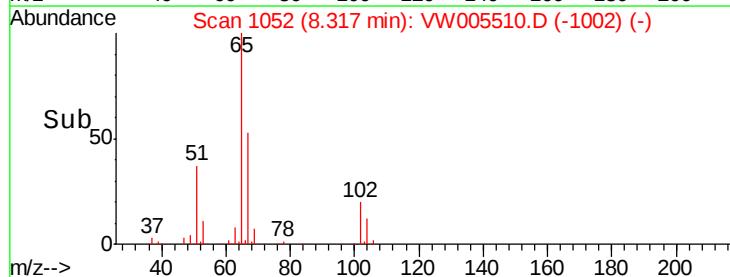
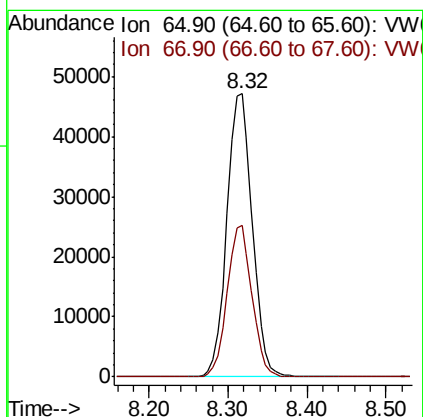
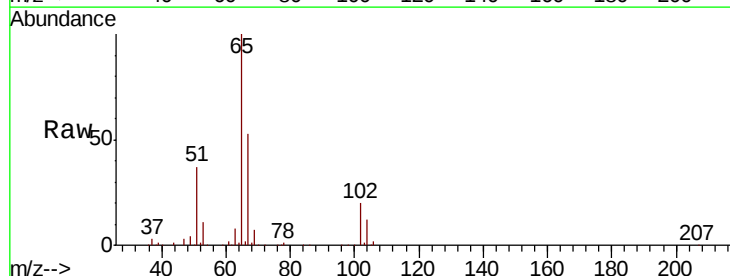
Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

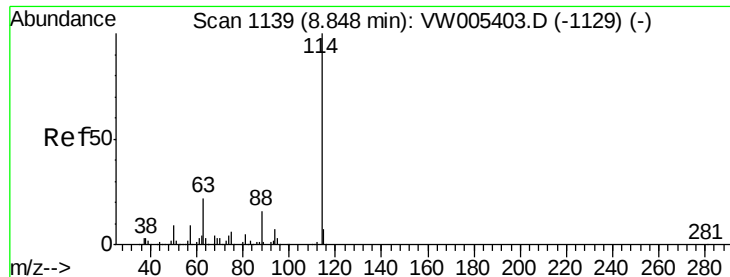
Tgt Ion: 56 Resp: 5400
Ion Ratio Lower Upper
56 100
69 170.0 27.2 40.8#
84 143.1 66.7 100.1#



#33
1,2-Dichloroethane-d4
Concen: 45.178 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Tgt Ion: 65 Resp: 105483
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.6

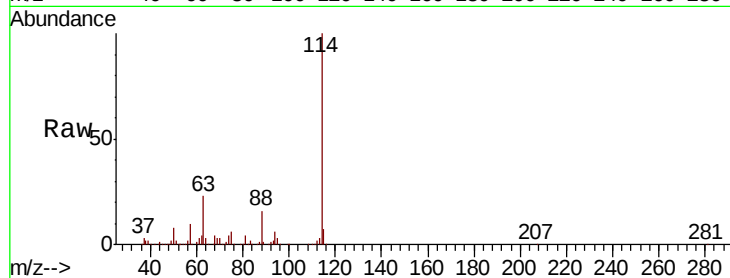




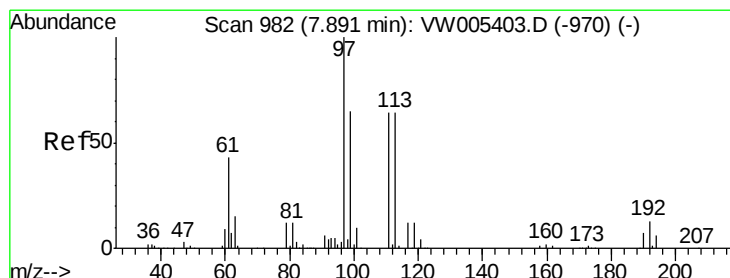
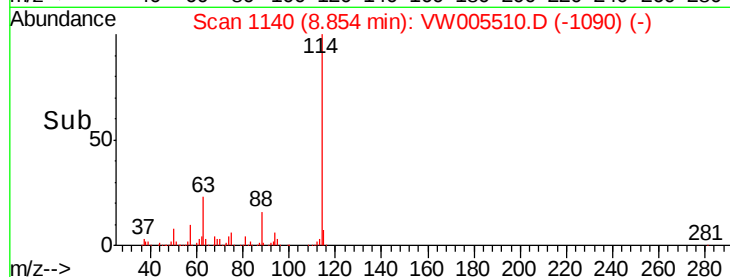
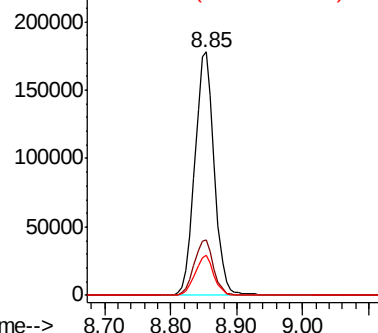
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

Tgt Ion:114 Resp: 360995
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 16.2 0.0 31.8

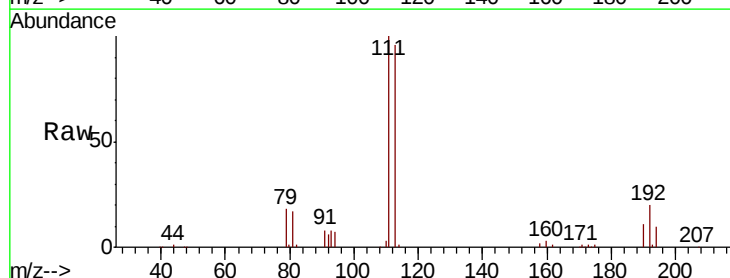


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

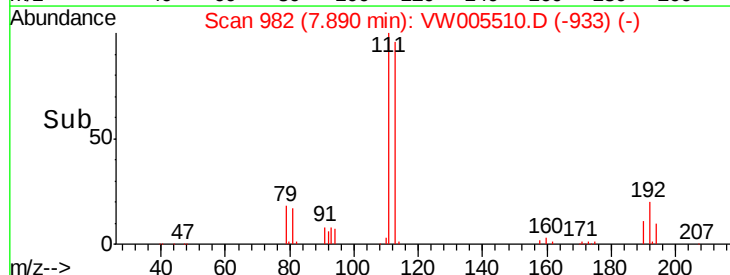
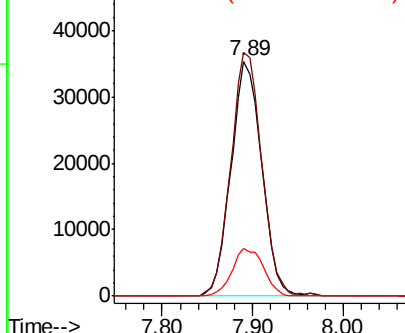


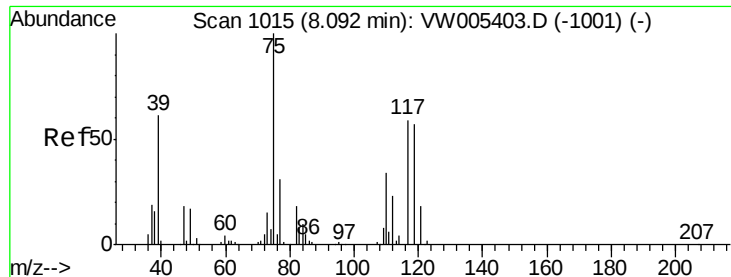
#35
Dibromofluoromethane
Concen: 41.253 ug/l
RT: 7.89 min Scan# 982
Delta R.T. -0.00 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Tgt Ion:113 Resp: 83498
Ion Ratio Lower Upper
113 100
111 104.5 82.3 123.5
192 20.8 16.5 24.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

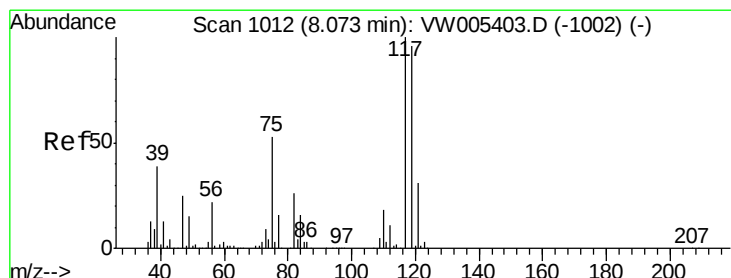
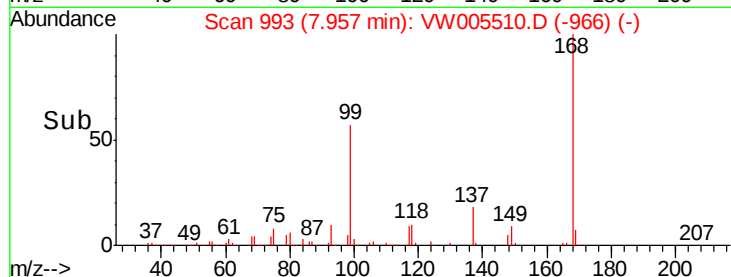
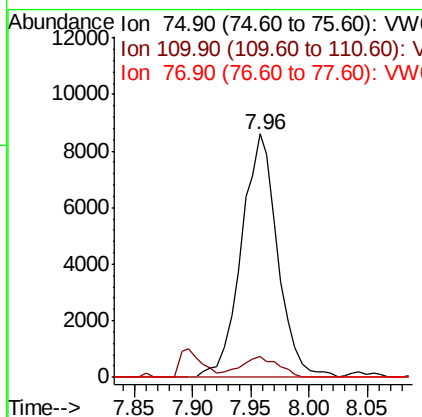
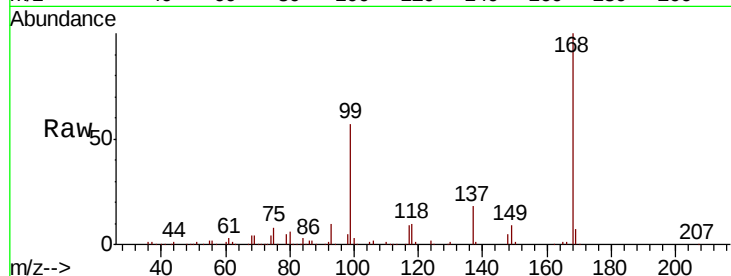




#36
 1,1-Dichloropropene
 Concen: 5.457 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005510.D
 Acq: 19 Sep 2018 06:38

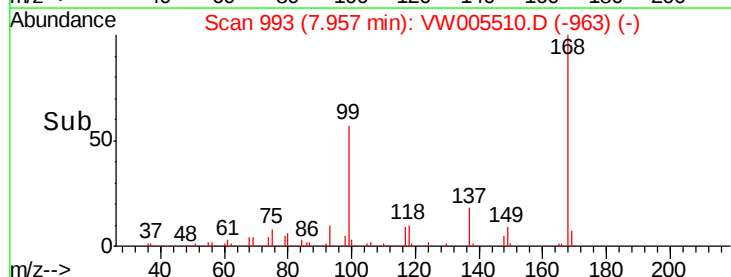
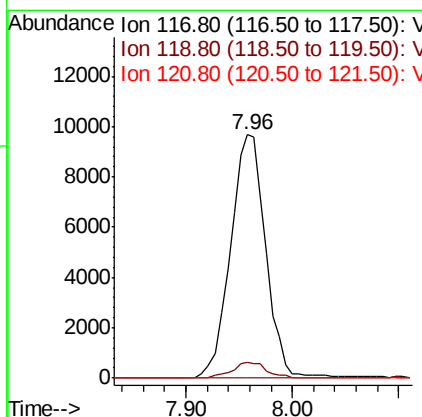
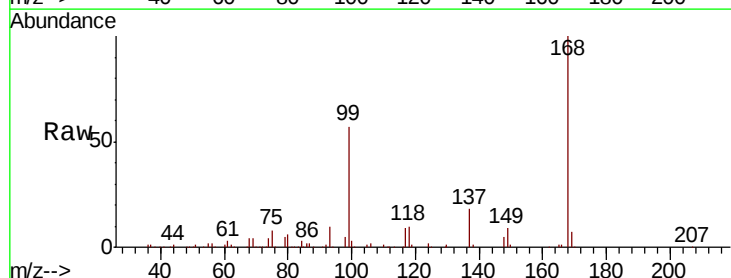
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-091818

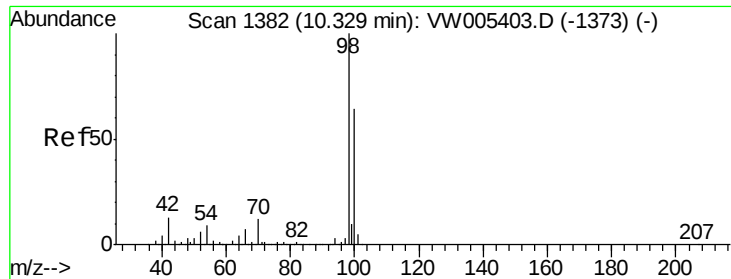
Tgt Ion: 75 Resp: 18642
 Ion Ratio Lower Upper
 75 100
 110 8.7 16.8 50.4#
 77 0.0 24.2 36.4#



#38
 Carbon Tetrachloride
 Concen: 6.279 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.12 min
 Lab File: VW005510.D
 Acq: 19 Sep 2018 06:38

Tgt Ion: 117 Resp: 22353
 Ion Ratio Lower Upper
 117 100
 119 6.4 76.8 115.2#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 34.394 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

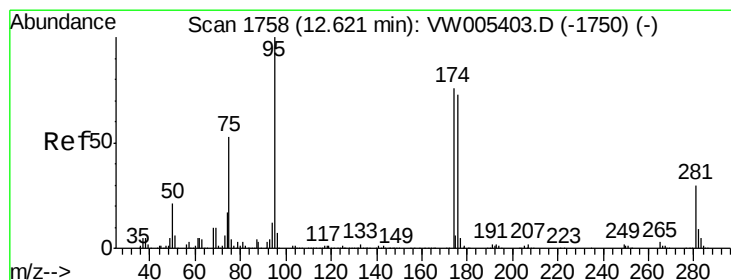
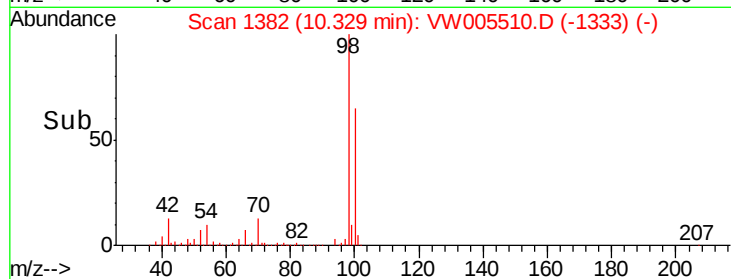
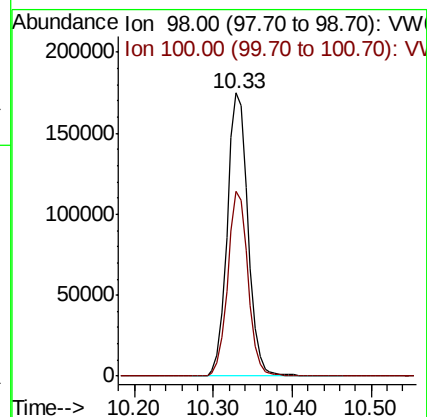
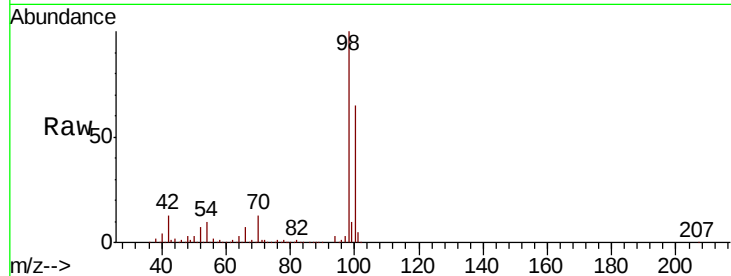
NB-07-091818

Tgt Ion: 98 Resp: 318803

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 25.909 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

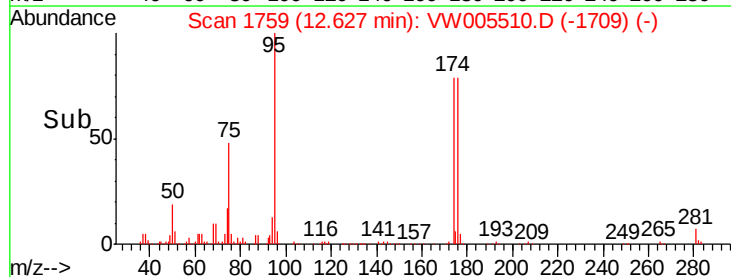
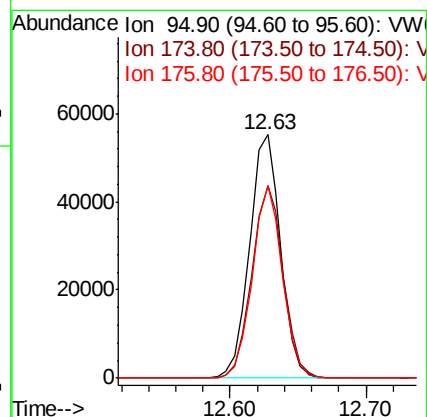
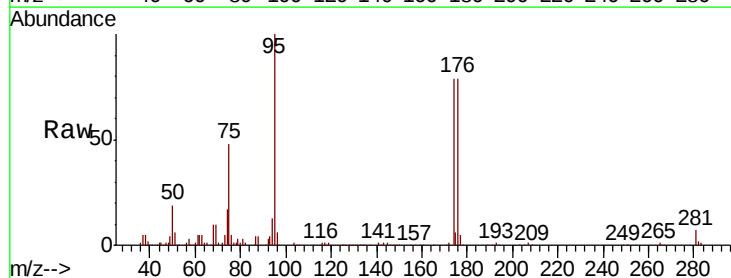
Tgt Ion: 95 Resp: 88059

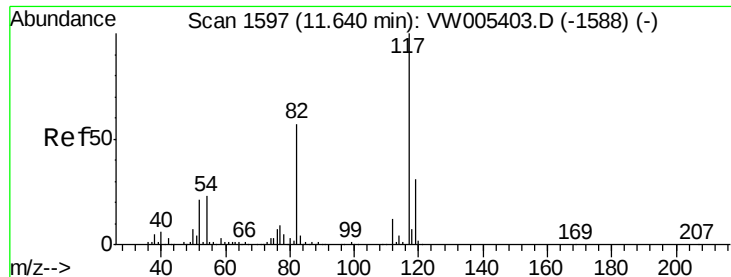
Ion Ratio Lower Upper

95 100

174 80.3 0.0 161.2

176 76.8 0.0 156.6

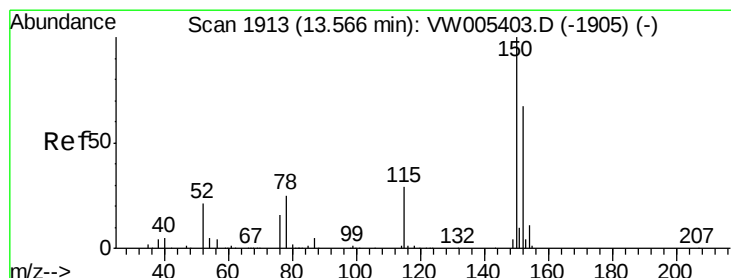
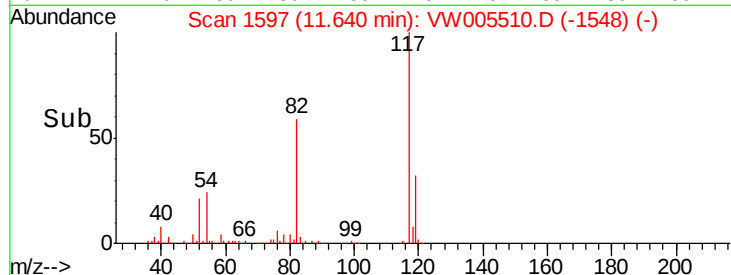
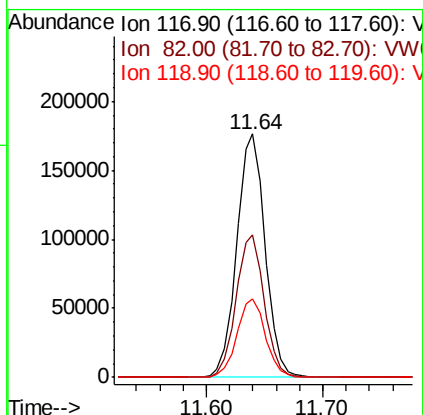
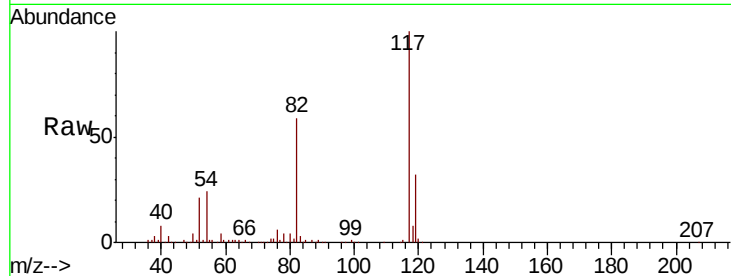




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

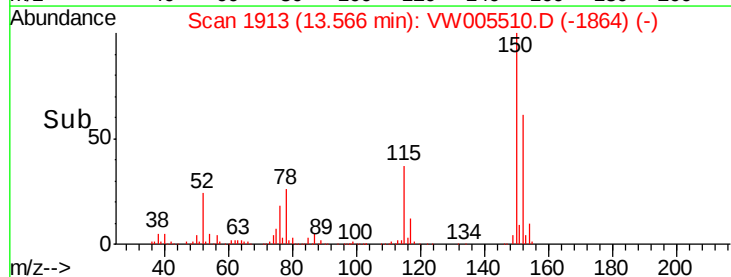
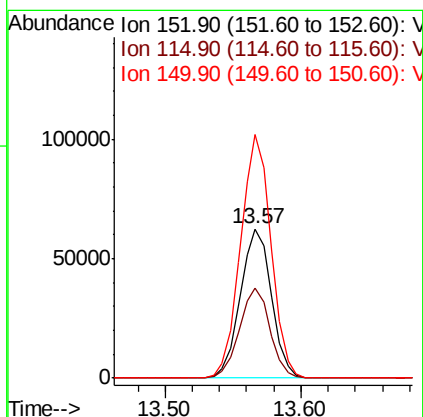
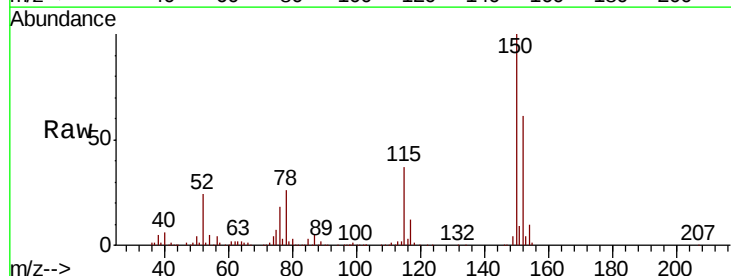
Instrument :
MSVOA_W
ClientSampleId :
NB-07-091818

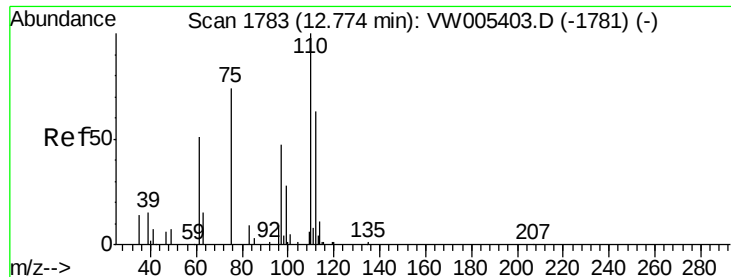
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	45.9	68.9
119	32.1	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005510.D
Acq: 19 Sep 2018 06:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.5	88.5
150	160.0	0.0	345.6





#76

1,2,3-Trichloropropane

Concen: 55.221 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. -0.15 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

Instrument :

MSVOA_W

ClientSampleId :

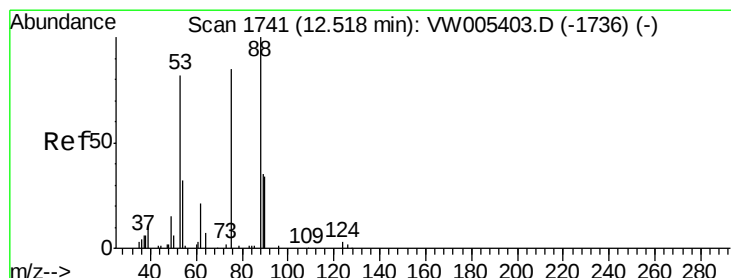
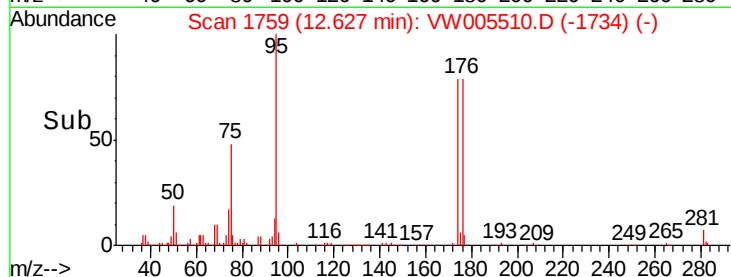
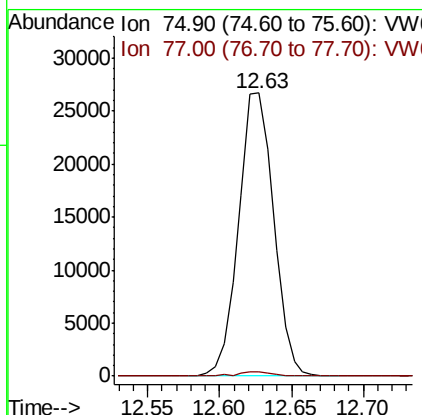
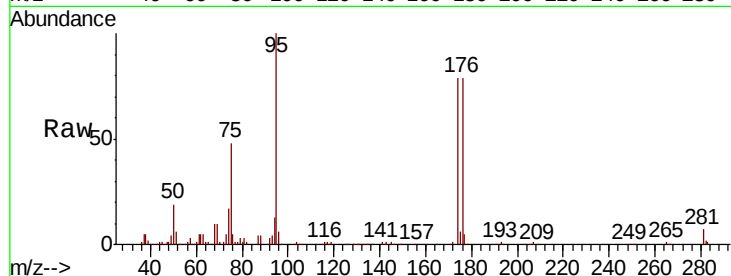
NB-07-091818

Tgt Ion: 75 Resp: 45114

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 143.248 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.11 min

Lab File: VW005510.D

Acq: 19 Sep 2018 06:38

Tgt Ion: 75 Resp: 45114

Ion Ratio Lower Upper

75 100

53 0.4 83.2 124.8#

89 0.0 36.6 54.8#

