

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011036.D
 Acq On : 28 Jun 2019 00:54
 Operator : SY/VA
 Sample : K3507-03
 Misc : 4.77G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-062619-B

Quant Time: Jun 28 08:34:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313650	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	216916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110469	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	115407	48.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	89499	46.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.46%	
50) Toluene-d8	10.32	98	210118	26.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	53.30%	
62) 4-Bromofluorobenzene	12.62	95	112811	39.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	78.24%	

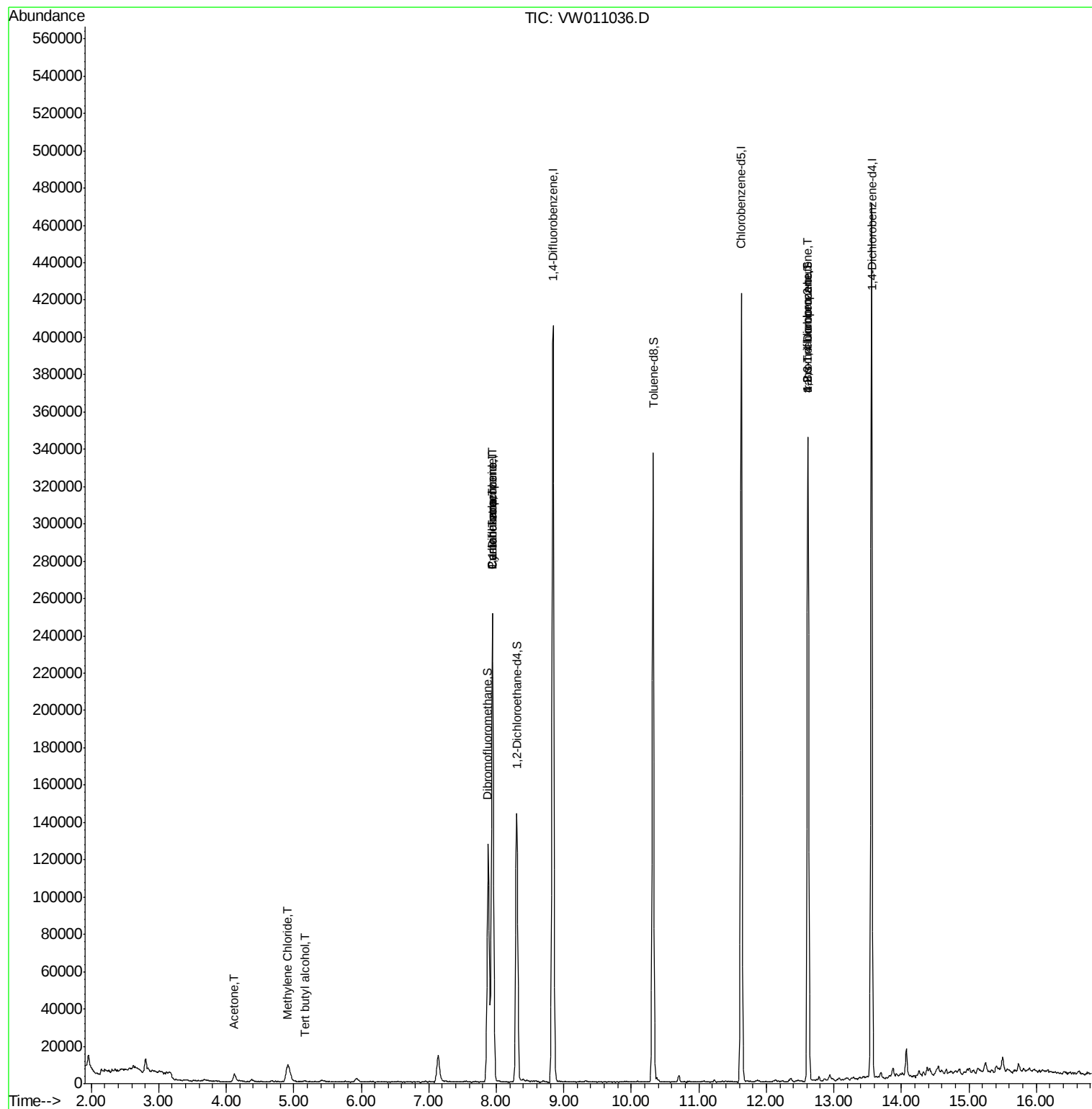
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	266	1.540	ug/l #	71
16) Acetone	4.12	43	7873	13.561	ug/l	91
20) Methylene Chloride	4.91	84	7946	3.369	ug/l	88
31) Cyclohexane	7.94	56	4834	1.062	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16314	4.839	ug/l #	51
38) Carbon Tetrachloride	7.95	117	18466	6.651	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	61993	53.155	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	61993	107.923	ug/l #	3

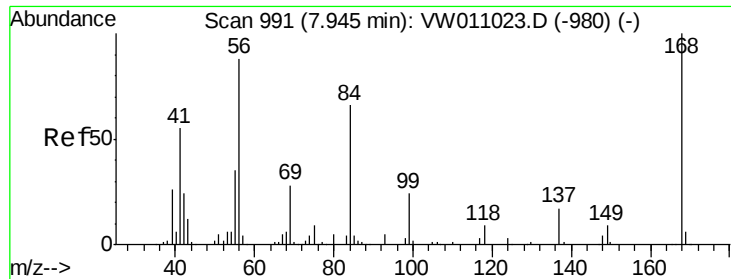
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

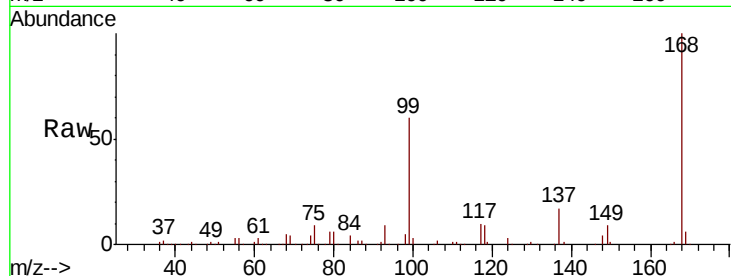
NB-07-062619-B

Tot Ion:168 Resp: 181944

Ion Ratio Lower Upper

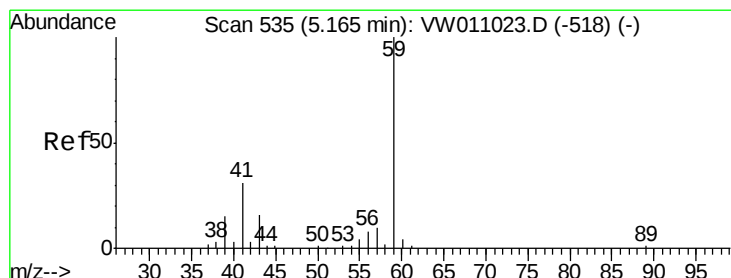
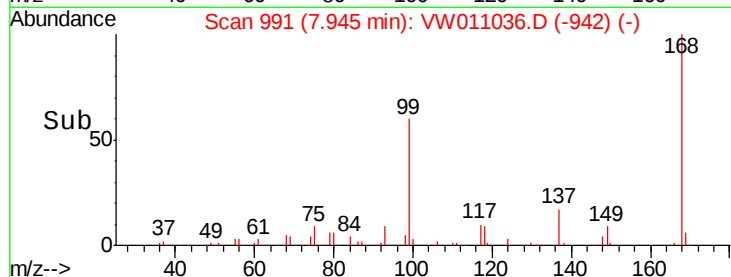
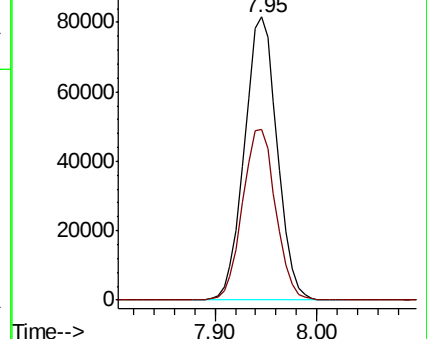
168 100

99 60.5 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 1.540 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011036.D

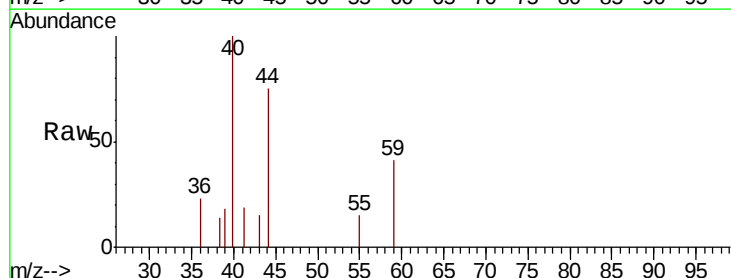
Acq: 28 Jun 2019 00:54

Tgt Ion: 59 Resp: 266

Ion Ratio Lower Upper

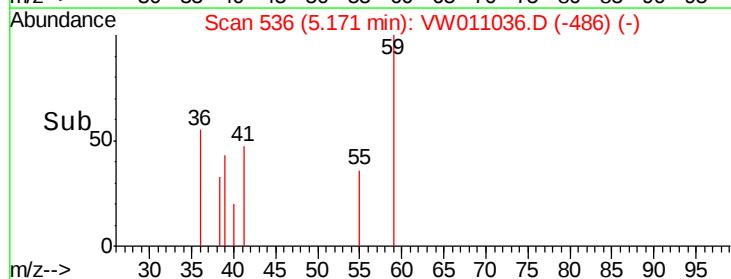
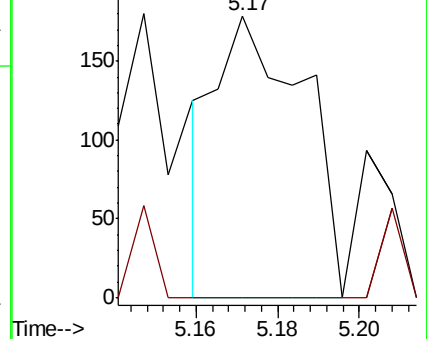
59 100

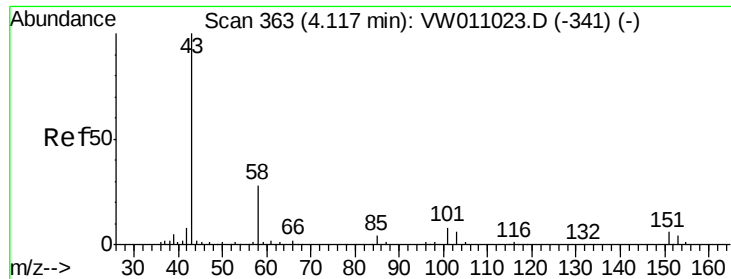
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 13.561 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

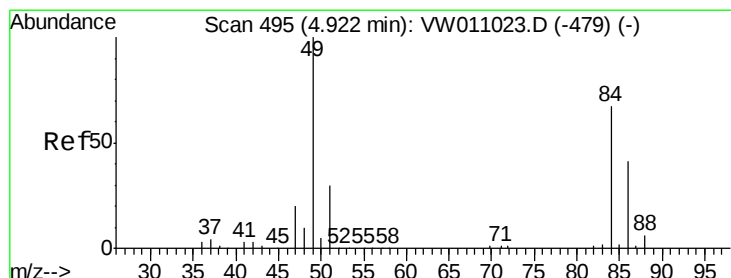
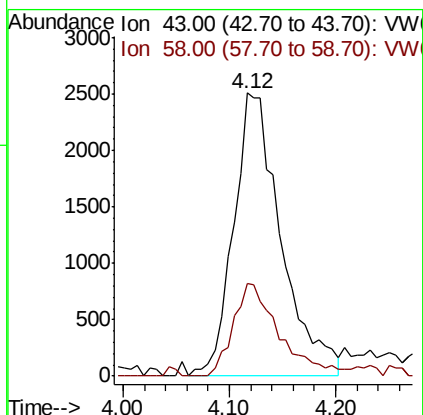
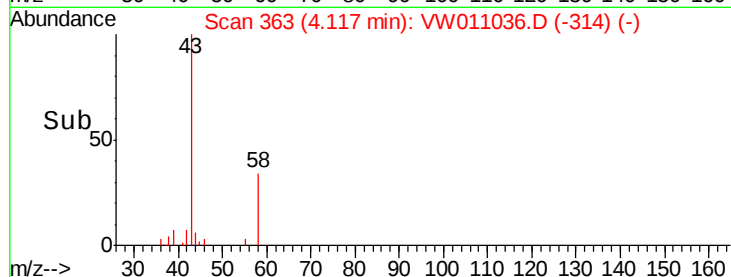
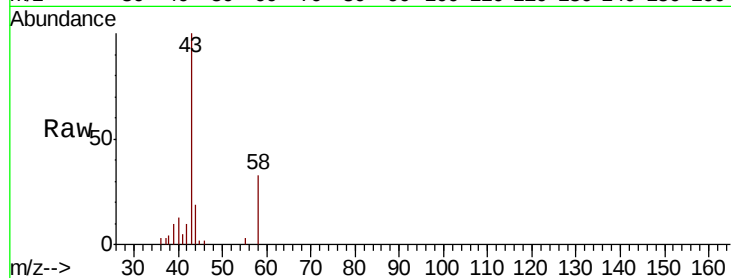
NB-07-062619-B

Tot Ion: 43 Resp: 7873

Ion Ratio Lower Upper

43 100

58 32.8 22.5 33.7



#20

Methylene Chloride

Concen: 3.369 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Tgt Ion: 84 Resp: 7946

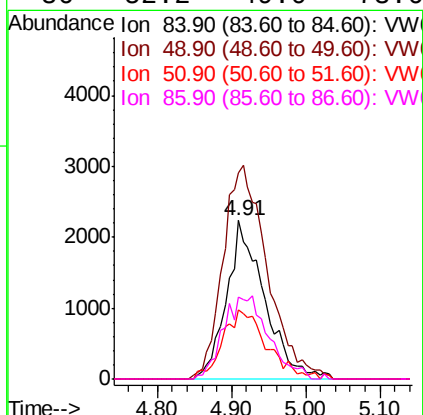
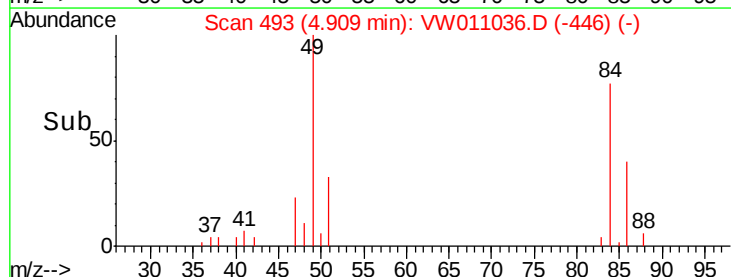
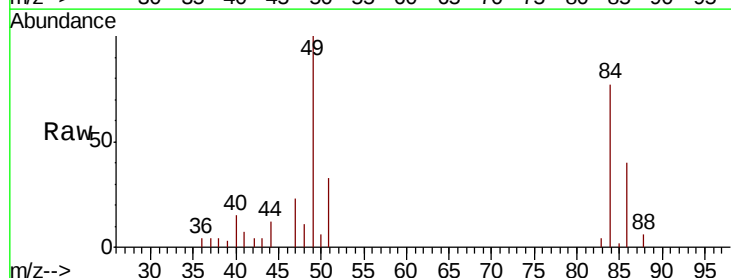
Ion Ratio Lower Upper

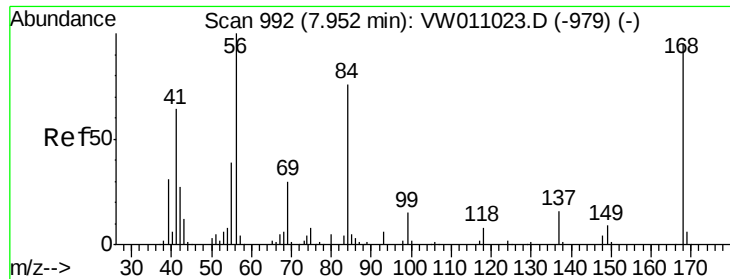
84 100

49 130.2 119.6 179.4

51 43.4 35.6 53.4

86 52.2 49.0 73.6

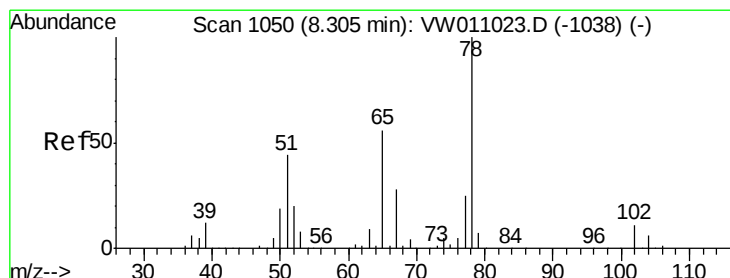
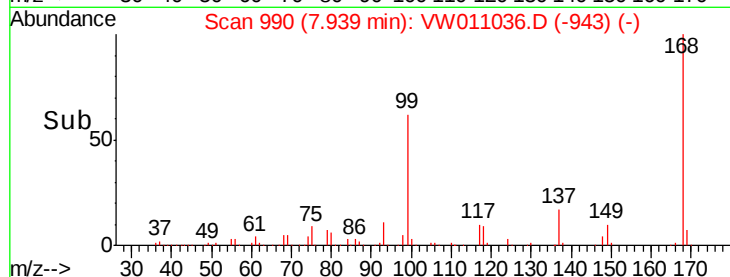
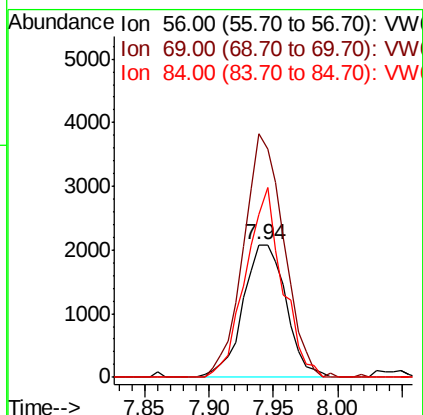
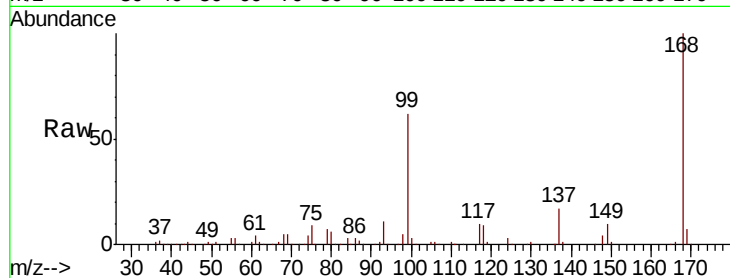




#31
Cyclohexane
Concen: 1.062 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

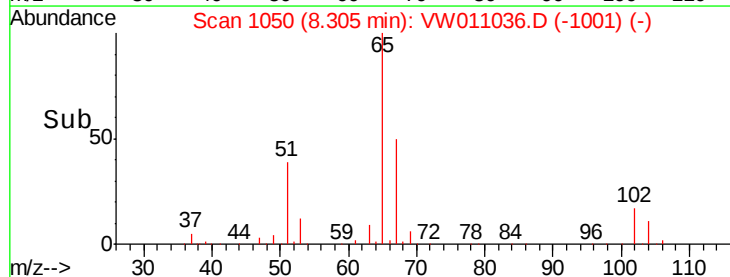
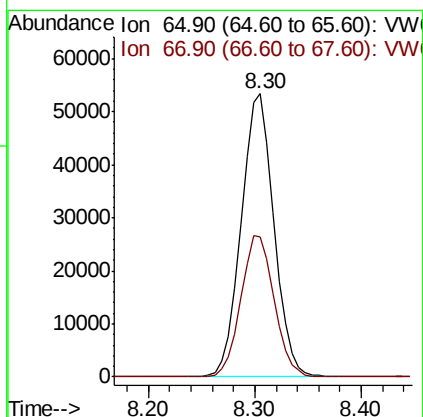
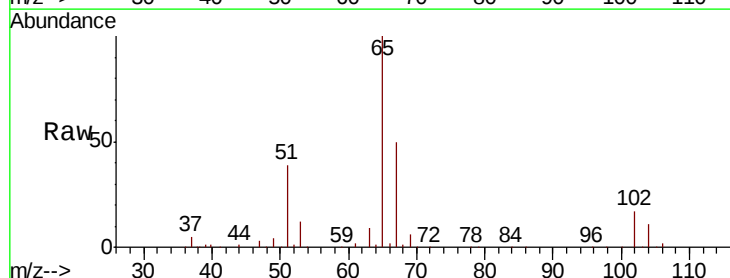
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-B

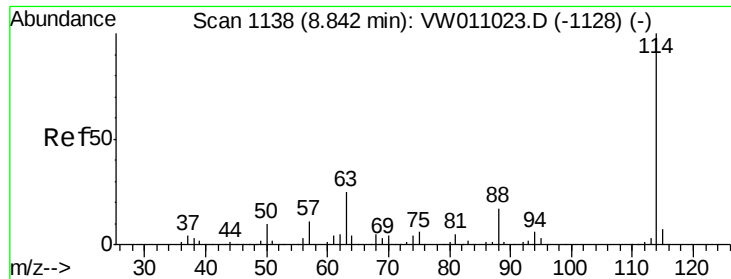
Tot Ion: 56 Resp: 4834
Ion Ratio Lower Upper
56 100
69 183.5 24.2 36.2#
84 122.5 60.6 90.8#



#33
1,2-Dichloroethane-d4
Concen: 48.521 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

Tgt Ion: 65 Resp: 115407
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.4

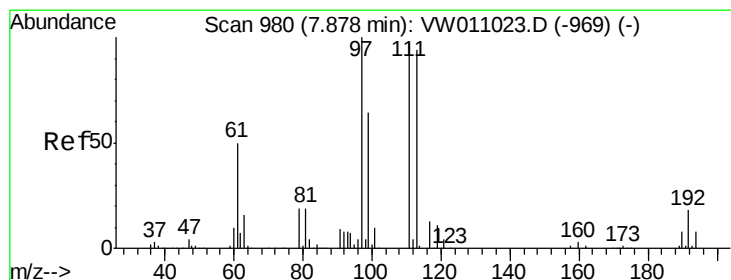
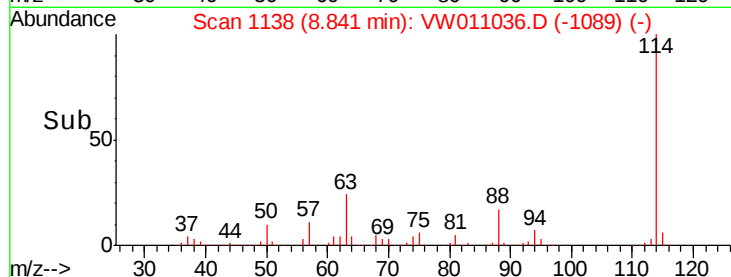
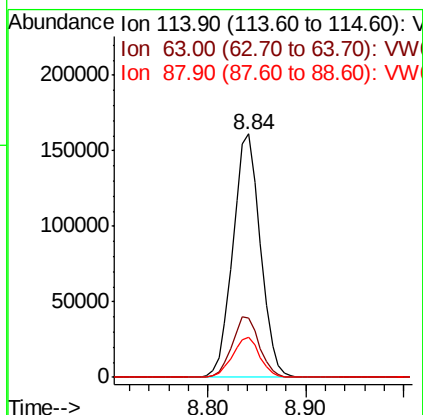
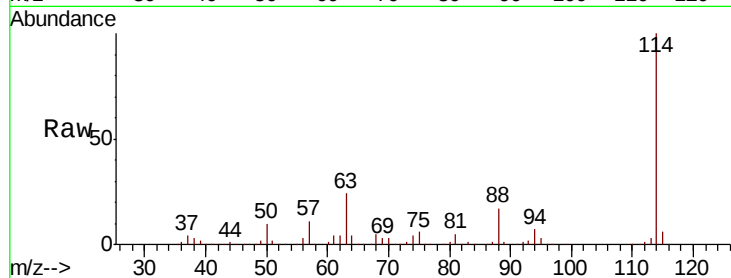




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

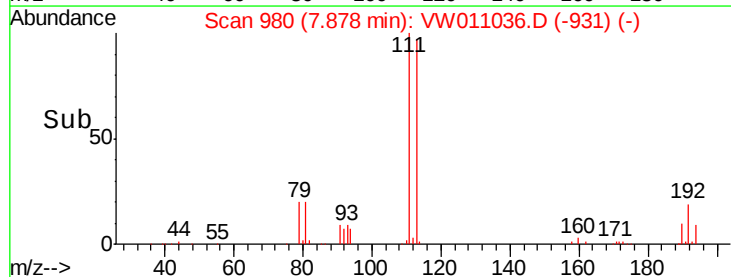
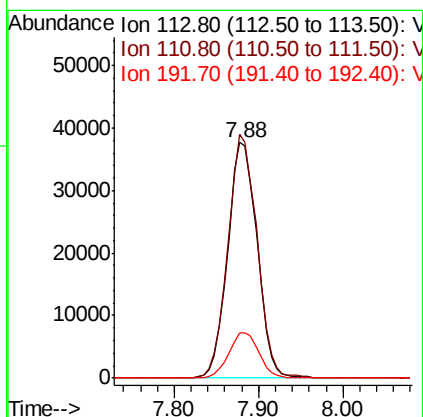
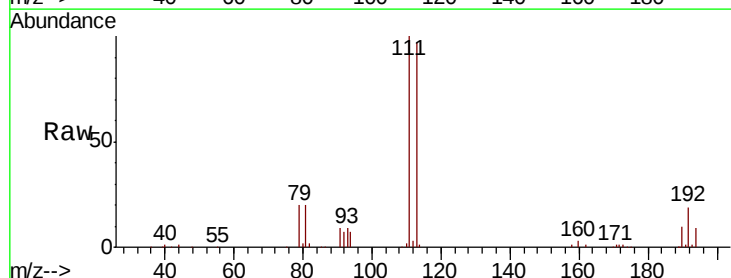
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-062619-B

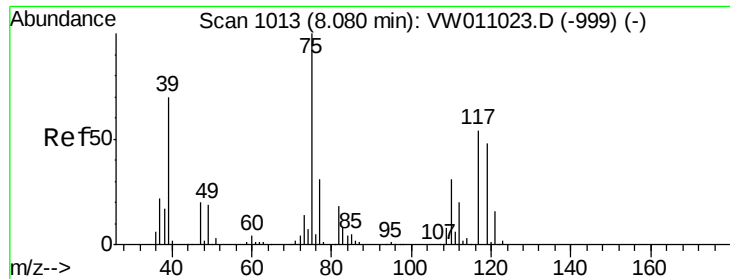
Tot Ion:114 Resp: 313650
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.6
 88 16.6 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 46.729 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

Tgt Ion:113 Resp: 89499
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.8 125.6
 192 19.5 16.0 24.0

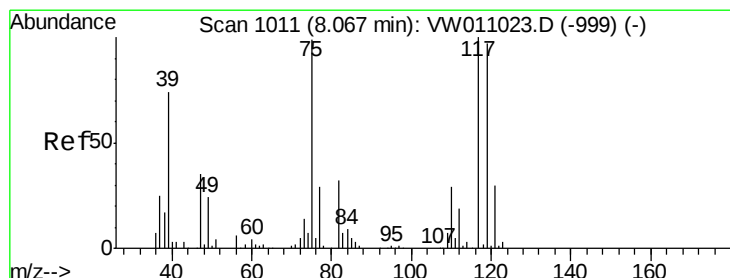
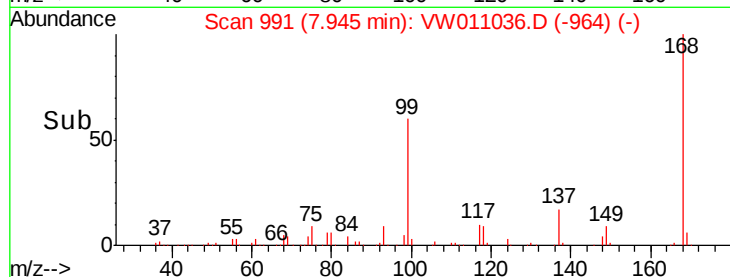
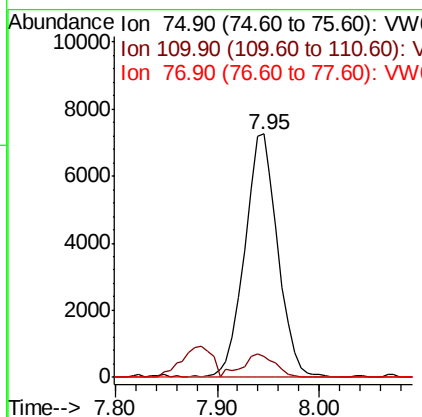
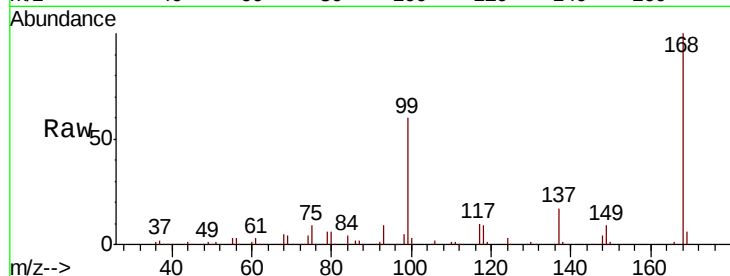




#36
 1,1-Dichloropropene
 Concen: 4.839 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

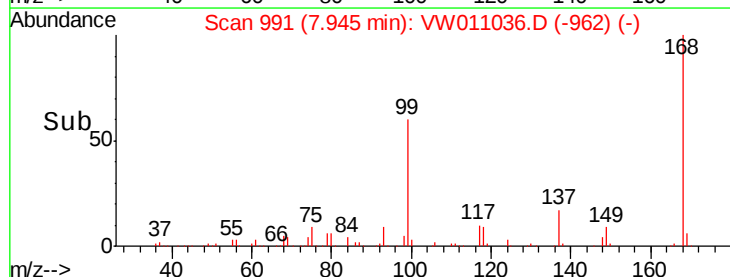
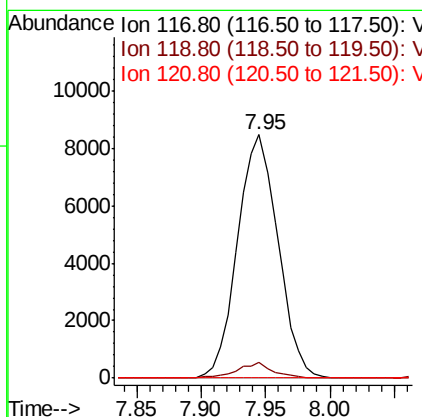
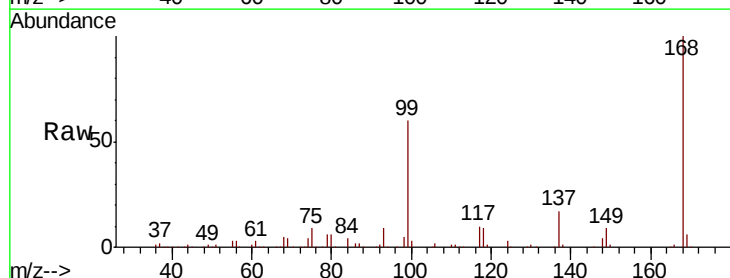
Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-062619-B

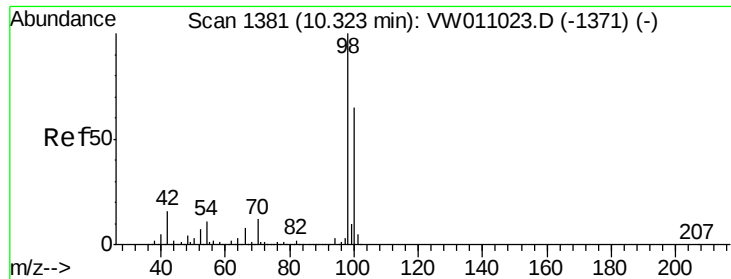
Tot Ion	75	Resp	16314
Ion Ratio	Lower	Upper	
75	100		
110	8.6	15.5	46.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.651 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

Tgt Ion	117	Resp	18466
Ion Ratio	Lower	Upper	
117	100		
119	6.7	77.7	116.5#
121	0.0	23.9	35.9#





#50

Toluene-d8

Concen: 26.652 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

Instrument :

MSVOA_W

ClientSampleId :

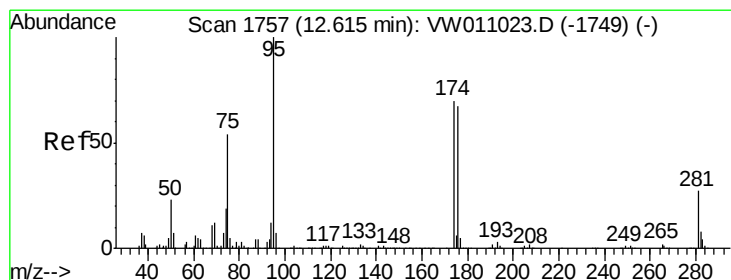
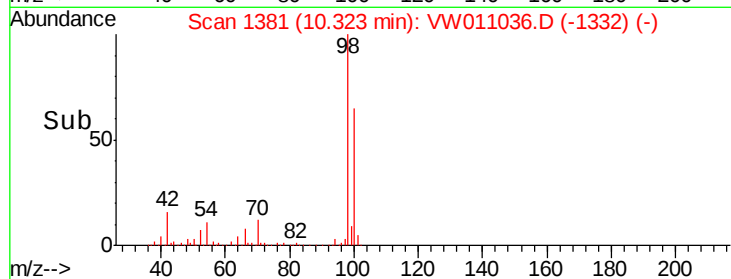
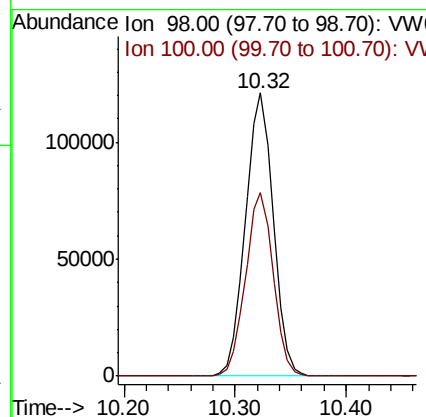
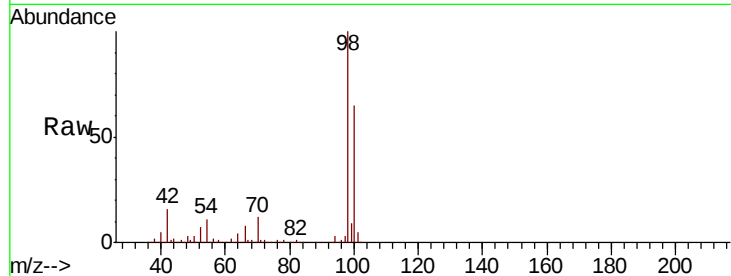
NB-07-062619-B

Tot Ion: 98 Resp: 210118

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.123 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW011036.D

Acq: 28 Jun 2019 00:54

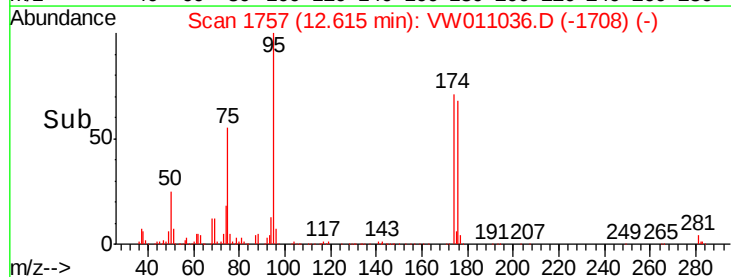
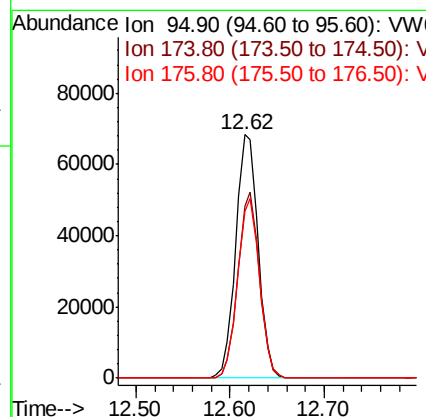
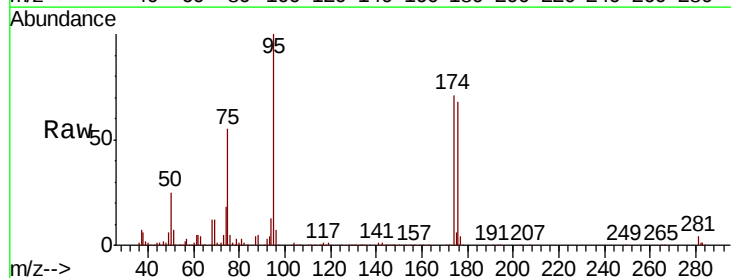
Tgt Ion: 95 Resp: 112811

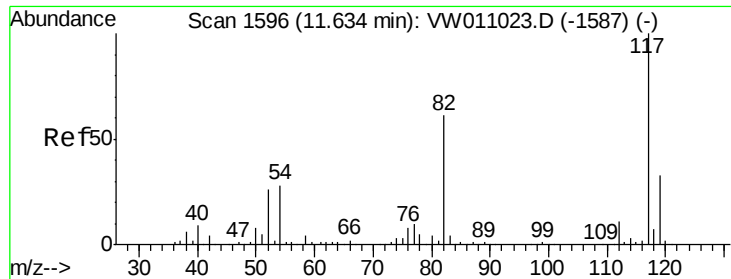
Ion Ratio Lower Upper

95 100

174 73.5 0.0 149.2

176 72.0 0.0 143.6

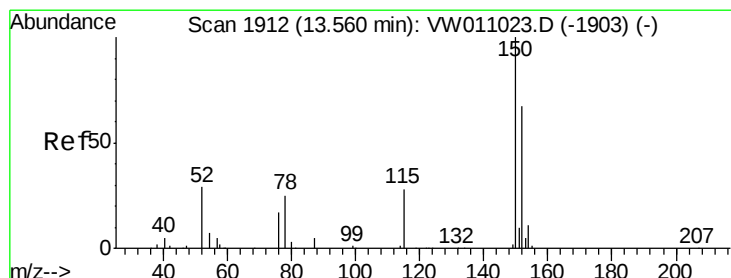
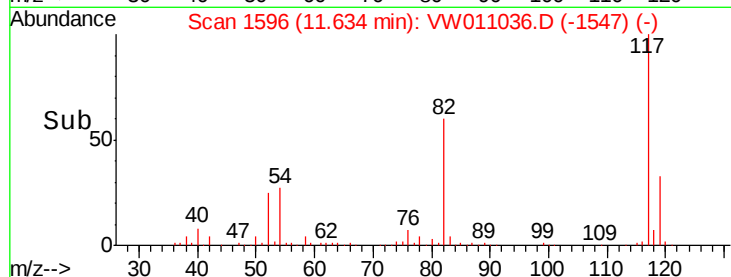
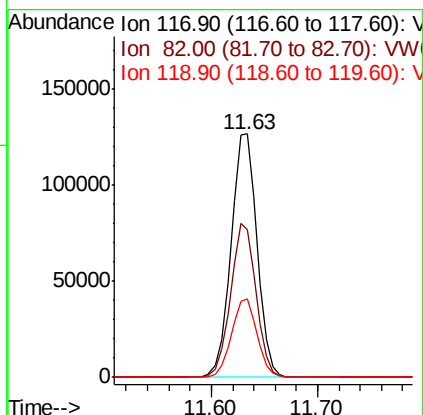
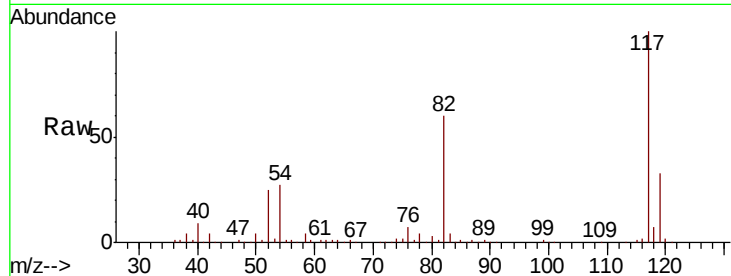




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

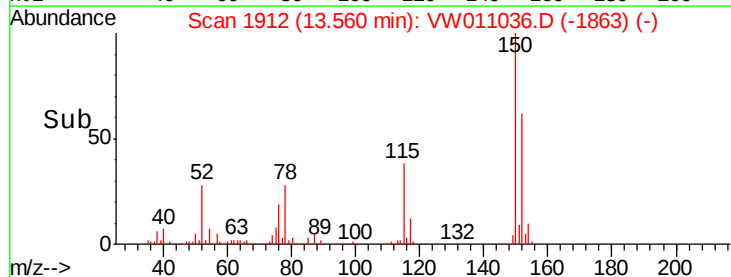
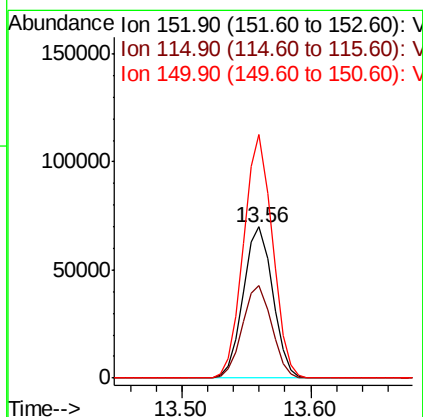
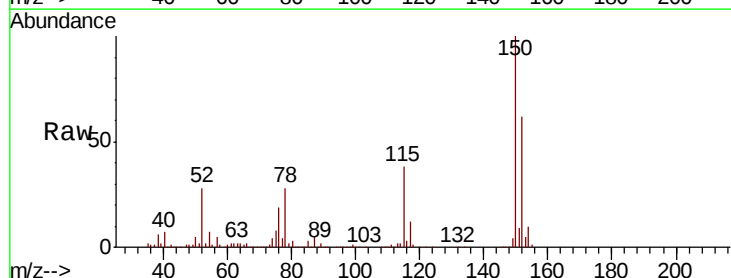
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-B

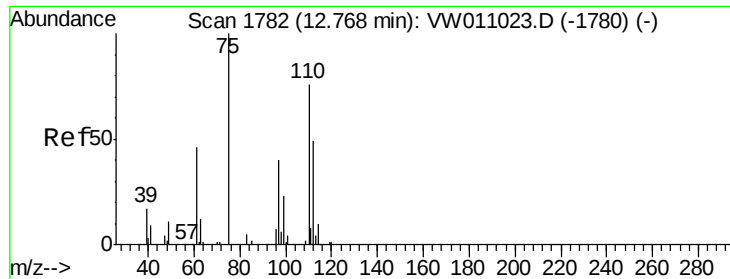
Tot Ion:117 Resp: 216916
Ion Ratio Lower Upper
117 100
82 60.4 48.6 73.0
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011036.D
Acq: 28 Jun 2019 00:54

Tgt Ion:152 Resp: 110469
Ion Ratio Lower Upper
152 100
115 61.2 30.7 92.1
150 157.7 0.0 341.8

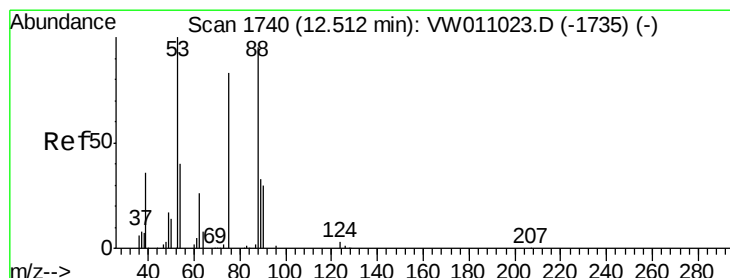
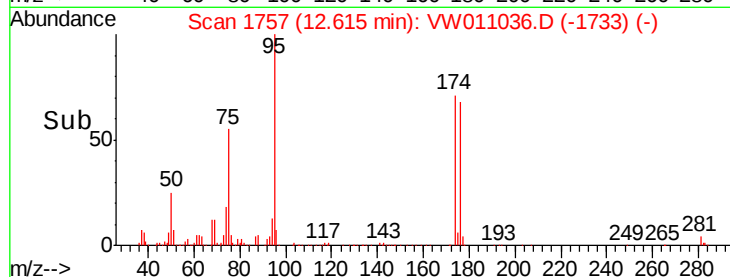
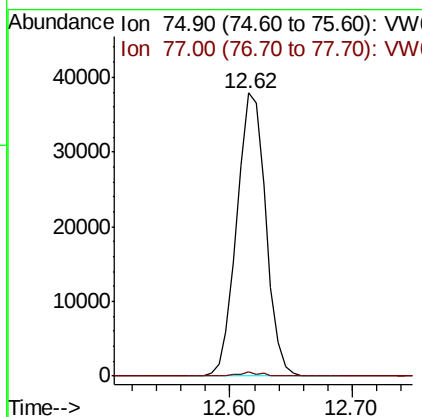
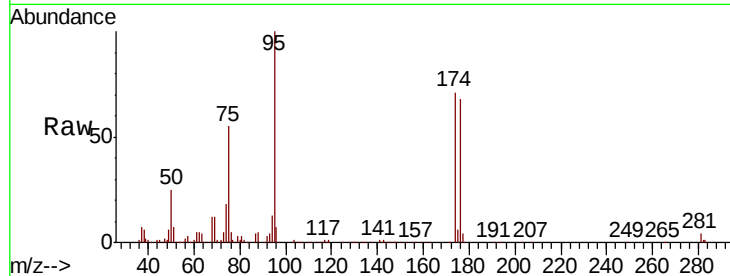




#76
 1,2,3-Trichloropropane
 Concen: 53.155 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

Instrument :
 MSVOA_W
 ClientSampleId :
 NB-07-062619-B

Tot Ion: 75 Resp: 61993
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.923 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011036.D
 Acq: 28 Jun 2019 00:54

Tgt Ion: 75 Resp: 61993
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.1 34.4 51.6#

