

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011035.D
 Acq On : 28 Jun 2019 00:27
 Operator : SY/VA
 Sample : K3507-01
 Misc : 5.59G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Jun 28 08:34:27 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	187731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337149	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	87683	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	125562	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	
35) Dibromofluoromethane	7.88	113	90559	43.99	ug/l	0.00
Spiked Amount			Recovery	=	87.98%	
50) Toluene-d8	10.32	98	256808	30.30	ug/l	0.00
Spiked Amount			Recovery	=	60.60%	
62) 4-Bromofluorobenzene	12.62	95	94531	30.50	ug/l	0.00
Spiked Amount			Recovery	=	61.00%	

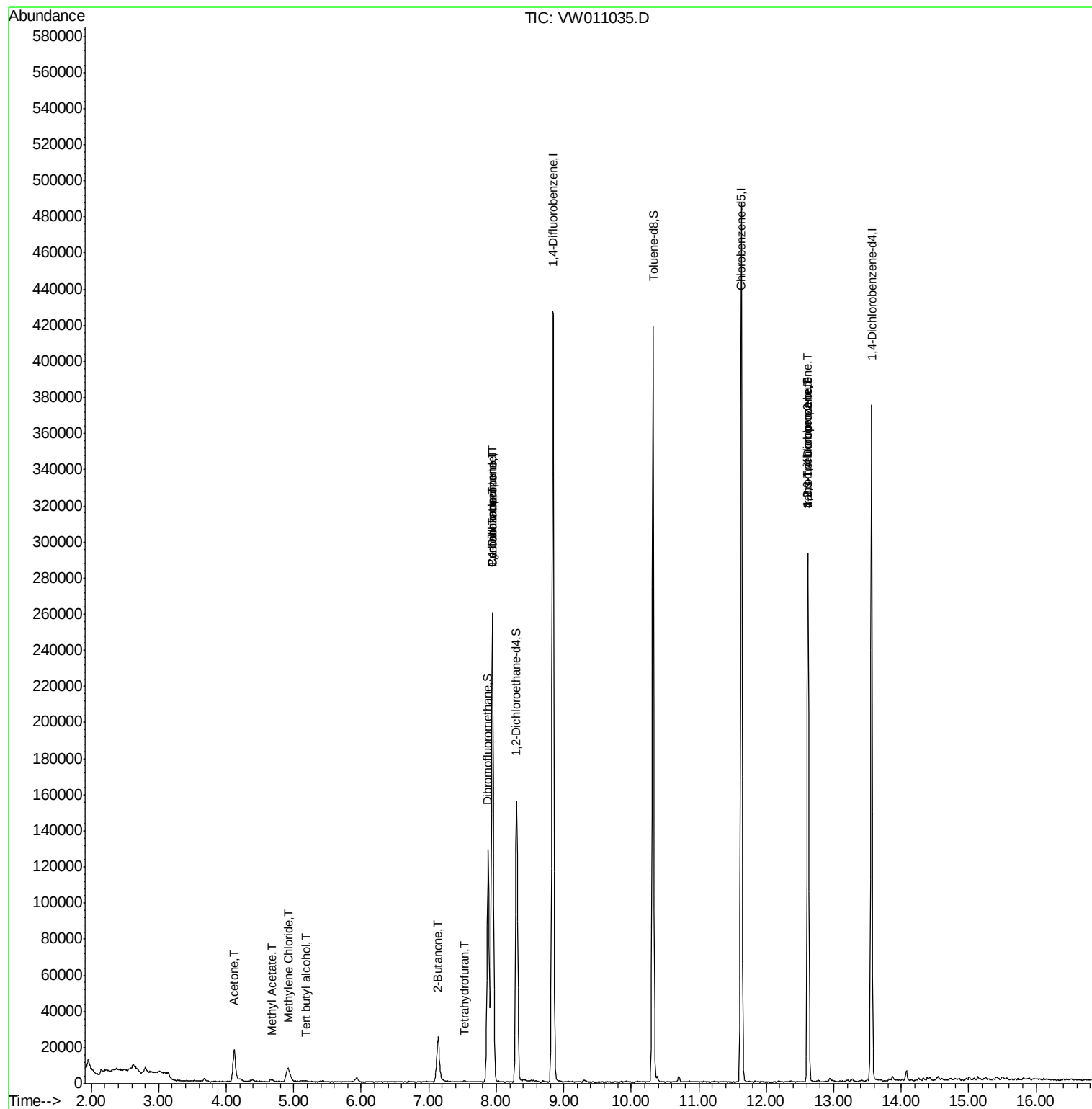
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	583	3.271	ug/l #	71
16) Acetone	4.12	43	33577	56.051	ug/l	96
18) Methyl Acetate	4.67	43	2612	1.683	ug/l	94
20) Methylene Chloride	4.91	84	6555	2.693	ug/l	88
25) 2-Butanone	7.15	43	1885	2.070	ug/l #	77
29) Tetrahydrofuran	7.52	42	588	1.037	ug/l #	62
31) Cyclohexane	7.95	56	5100	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	17367	4.793	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19225	6.442	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	51930	56.098	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	51930	113.670	ug/l #	3

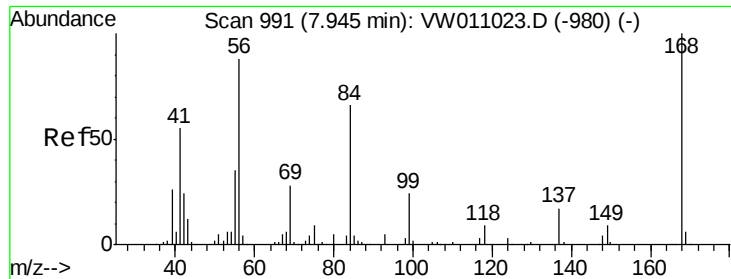
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062819\
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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: VW011035.D

Acq: 28 Jun 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

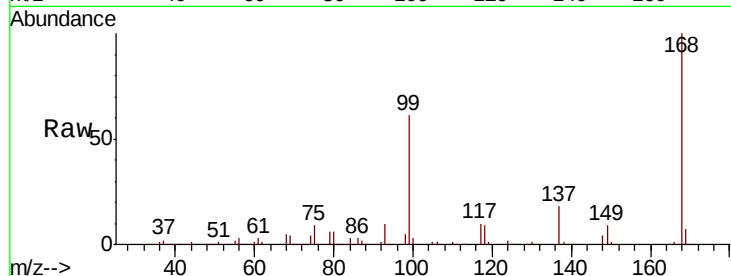
NB-07-062619-A

Tot Ion:168 Resp: 187731

Ion Ratio Lower Upper

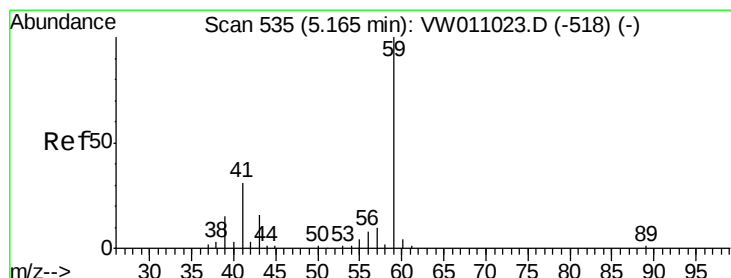
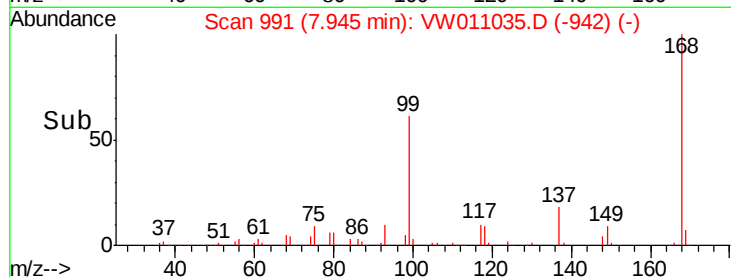
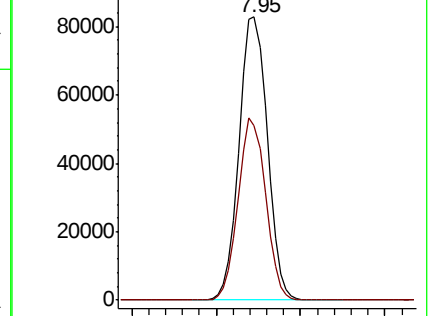
168 100

99 61.5 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: 3.271 ug/l

RT: 5.17 min Scan# 536

Delta R.T. 0.01 min

Lab File: VW011035.D

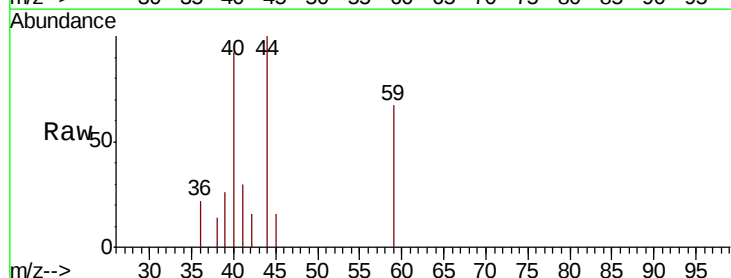
Acq: 28 Jun 2019 00:27

Tgt Ion: 59 Resp: 583

Ion Ratio Lower Upper

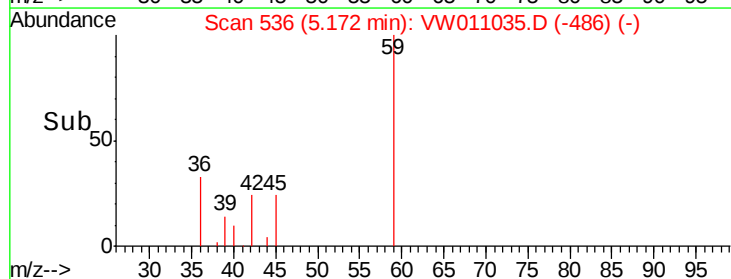
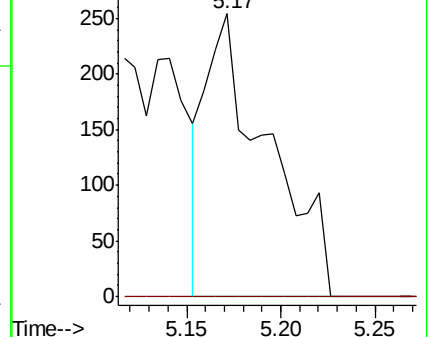
59 100

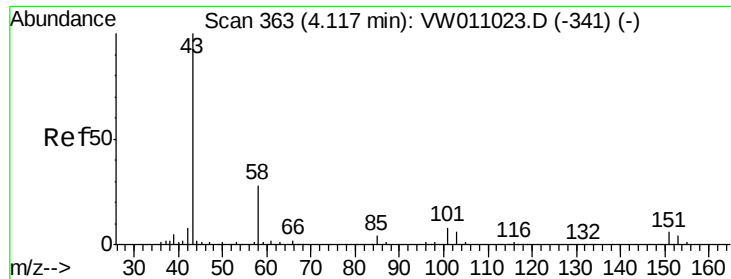
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 56.051 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011035.D

Acq: 28 Jun 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

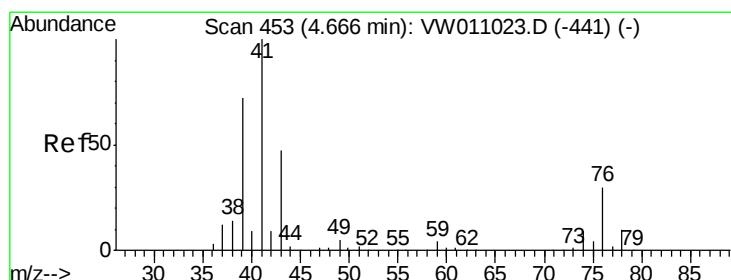
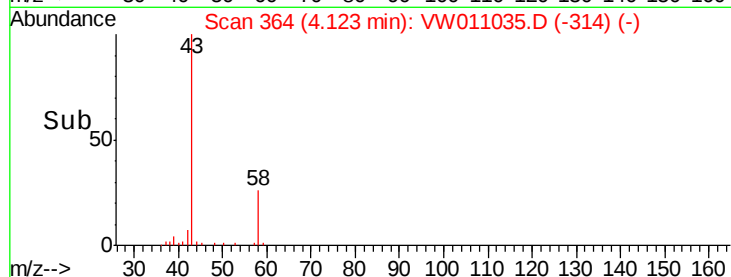
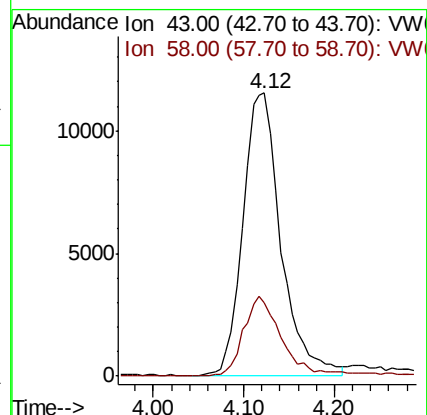
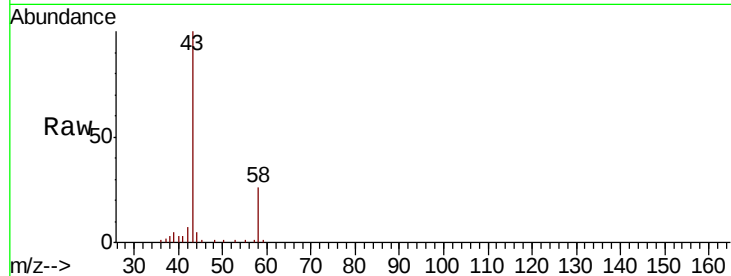
NB-07-062619-A

Tot Ion: 43 Resp: 33577

Ion Ratio Lower Upper

43 100

58 26.1 22.5 33.7



#18

Methyl Acetate

Concen: 1.683 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011035.D

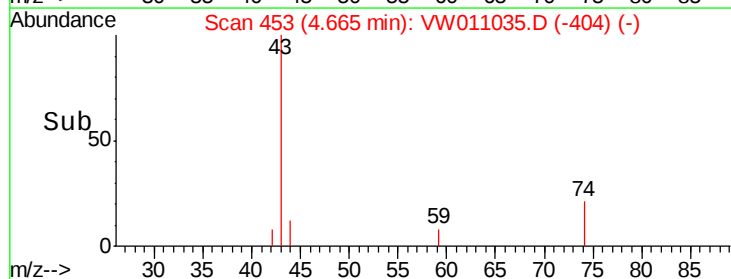
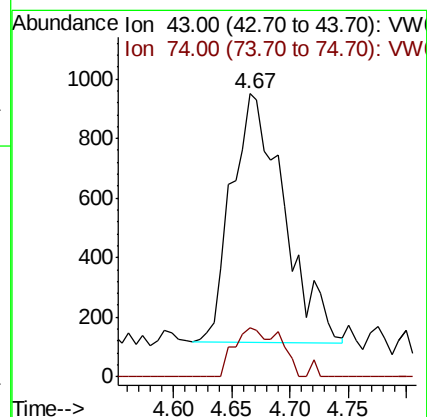
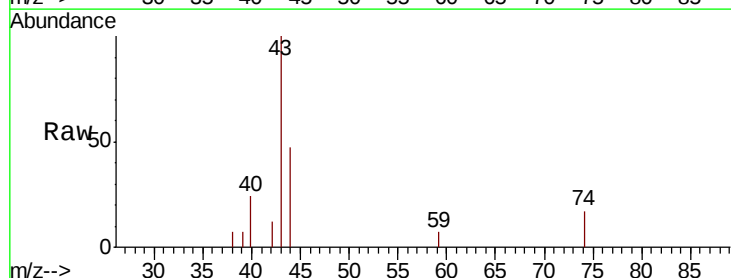
Acq: 28 Jun 2019 00:27

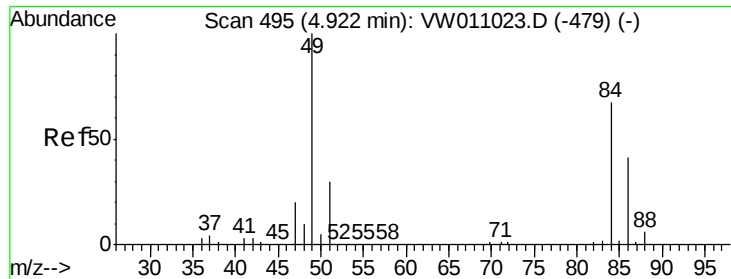
Tgt Ion: 43 Resp: 2612

Ion Ratio Lower Upper

43 100

74 17.3 15.8 23.8

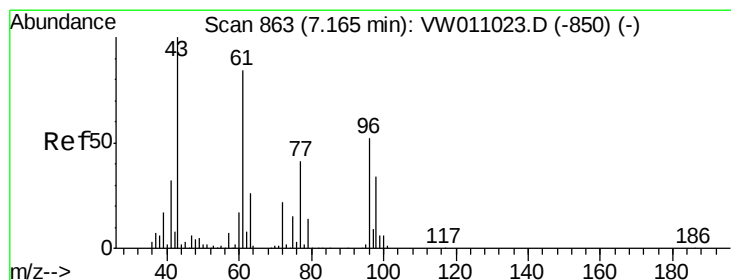
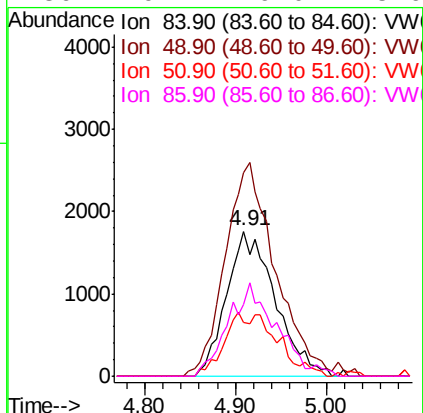
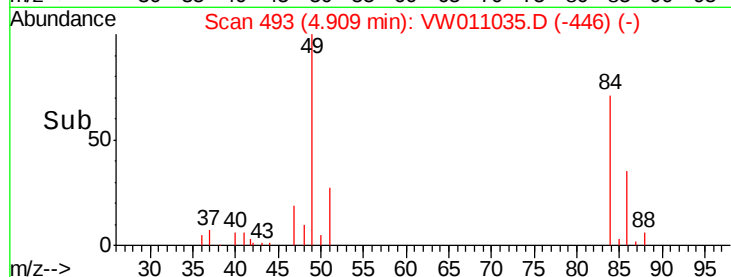
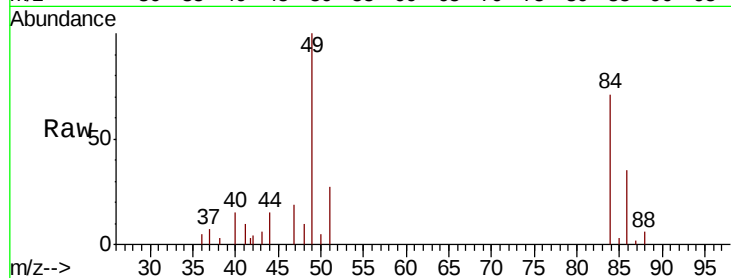




#20
Methvlene Chloride
Concen: 2.693 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

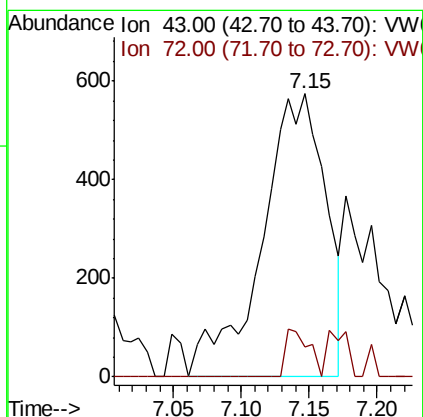
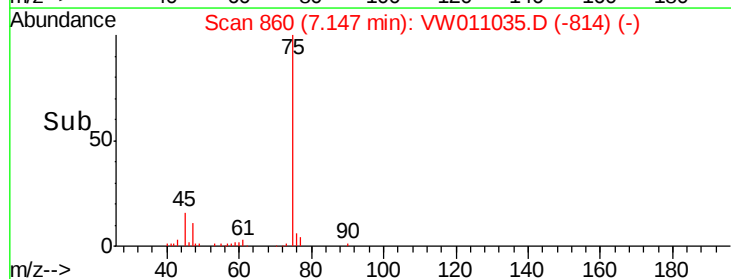
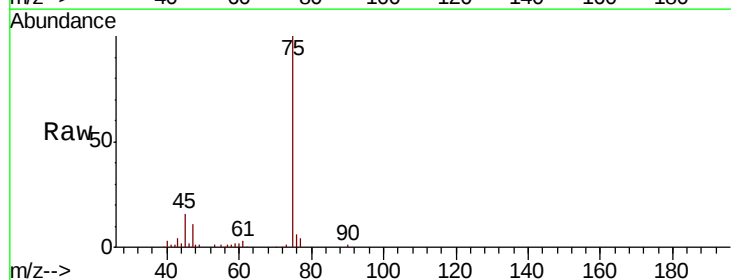
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-A

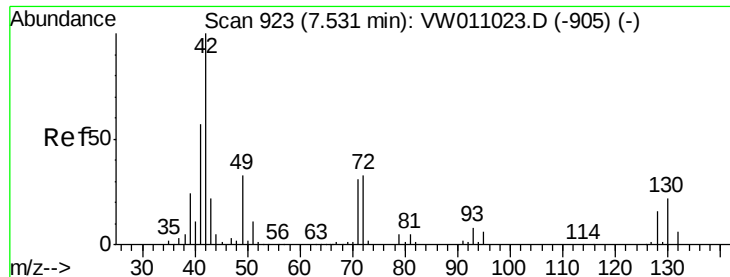
Tot Ion:	84	Resp:	6555
Ion	Ratio	Lower	Upper
84	100		
49	136.5	119.6	179.4
51	37.6	35.6	53.4
86	49.7	49.0	73.6



#25
2-Butanone
Concen: 2.070 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

Tgt Ion:	43	Resp:	1885
Ion	Ratio	Lower	Upper
43	100		
72	10.6	17.2	25.8#

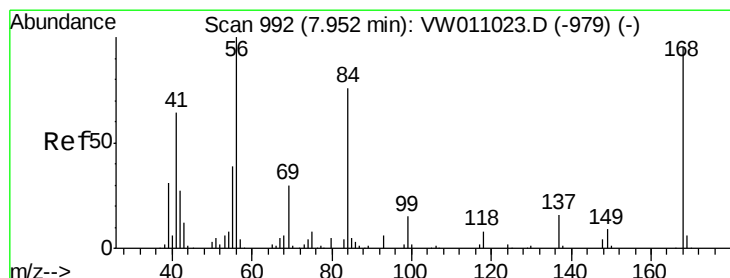
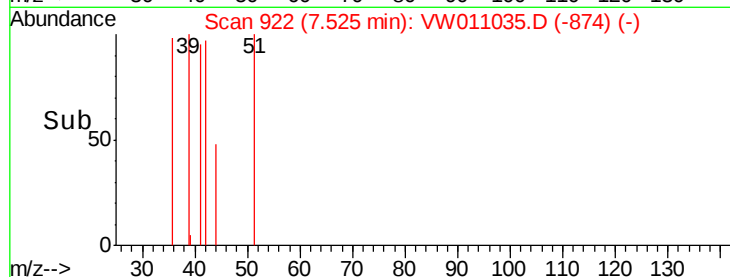
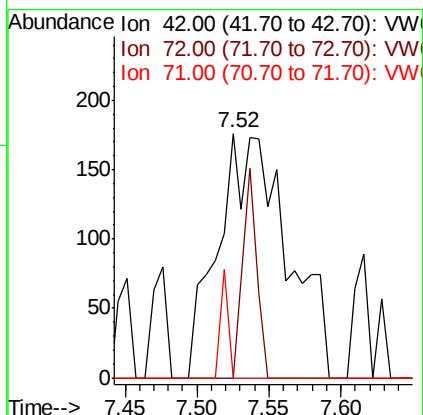
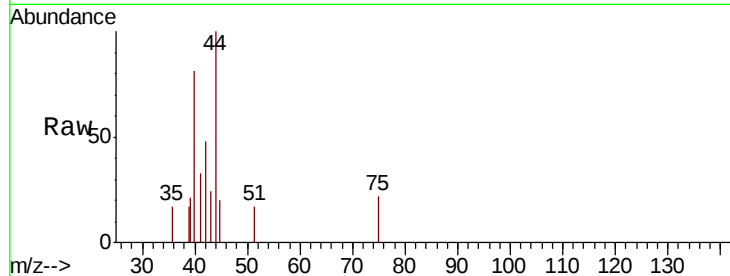




#29
Tetrahydrofuran
Concen: 1.037 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

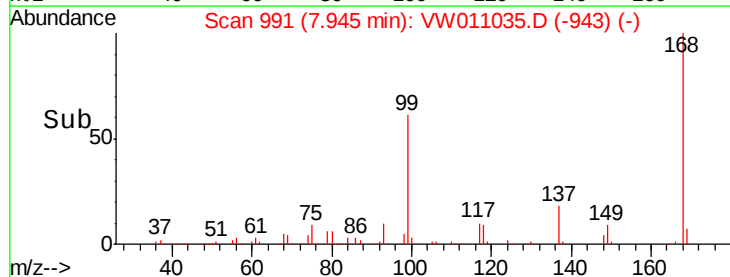
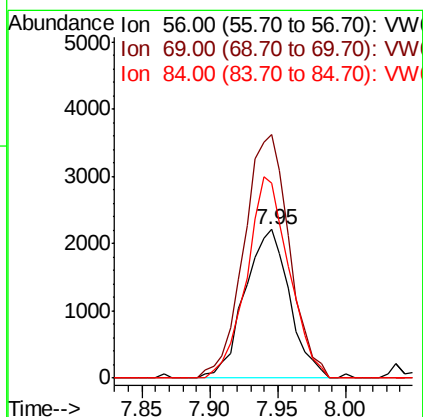
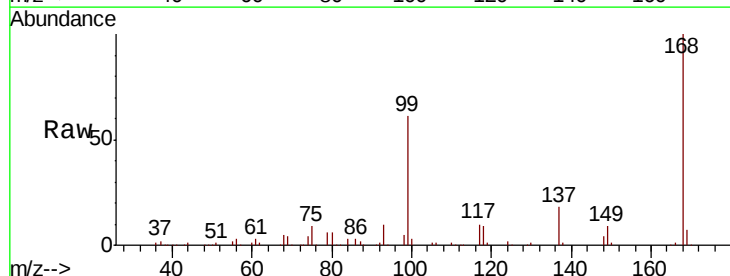
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-A

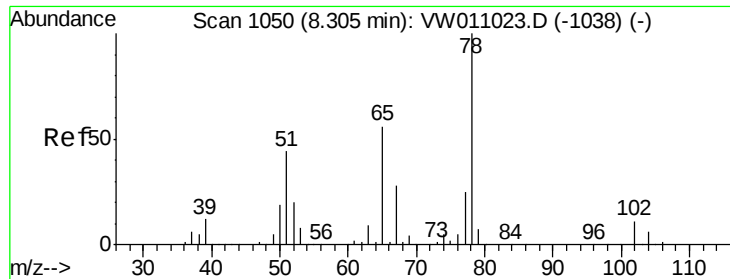
Tot Ion: 42 Resp: 588
Ion Ratio Lower Upper
42 100
72 17.5 27.4 41.0#
71 4.9 25.6 38.4#



#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

Tgt Ion: 56 Resp: 5100
Ion Ratio Lower Upper
56 100
69 163.8 24.2 36.2#
84 131.0 60.6 90.8#

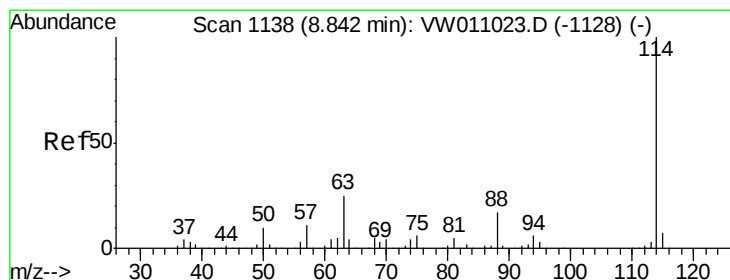
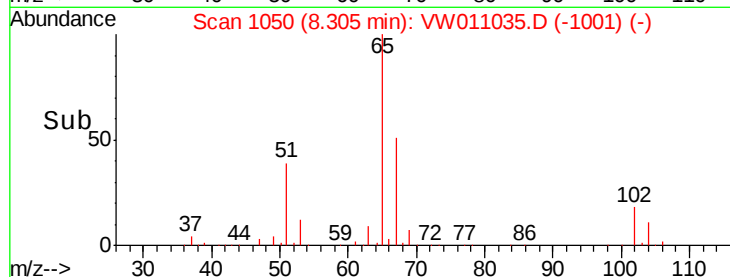
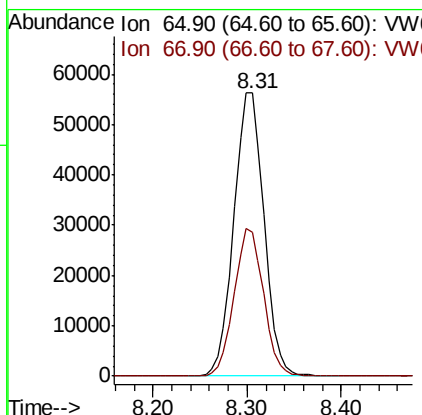
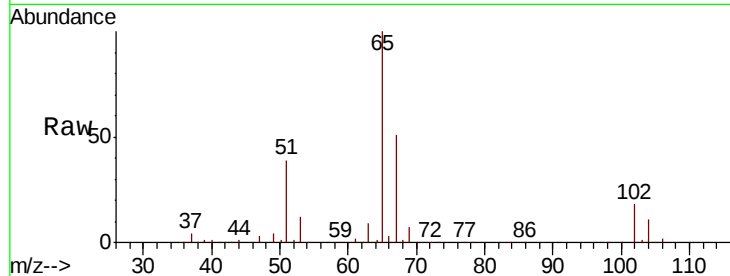




#33
 1,2-Dichloroethane-d4
 Concen: 51.163 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011035.D
 Acq: 28 Jun 2019 00:27

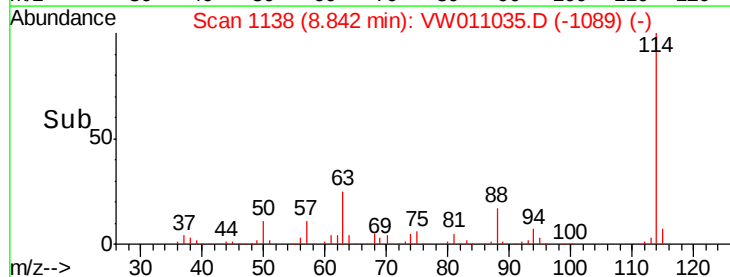
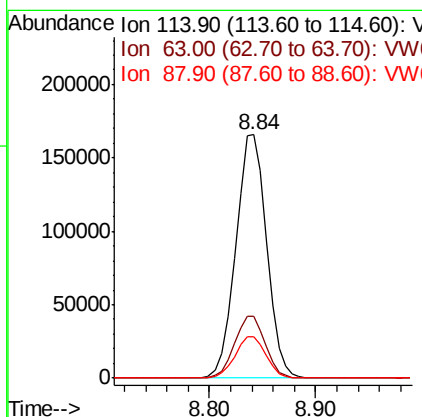
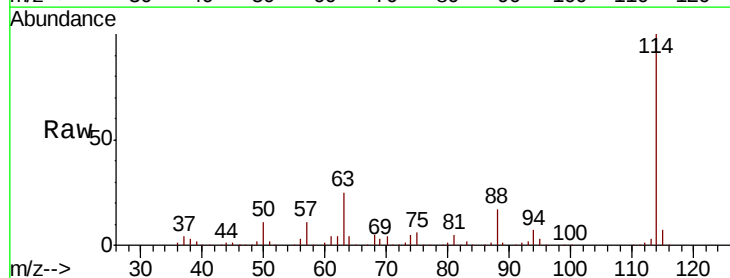
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 NB-07-062619-A

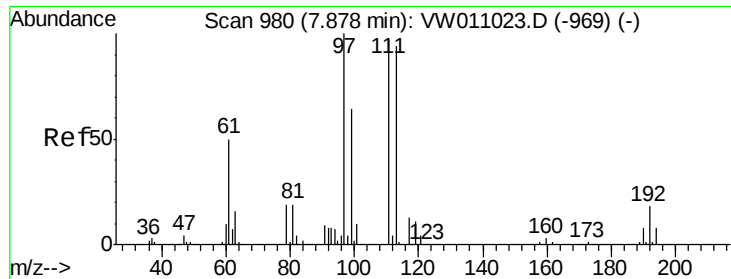
Tot Ion: 65 Resp: 125562
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011035.D
 Acq: 28 Jun 2019 00:27

Tgt Ion: 114 Resp: 337149
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 50.6
 88 17.1 0.0 34.0

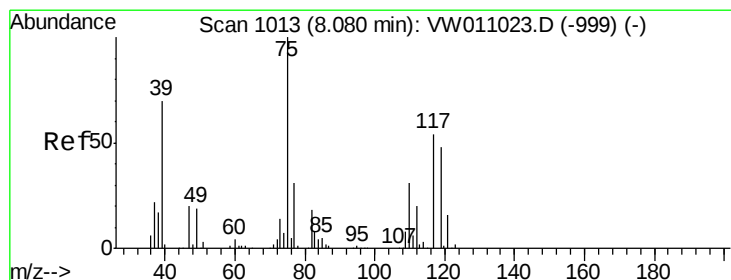
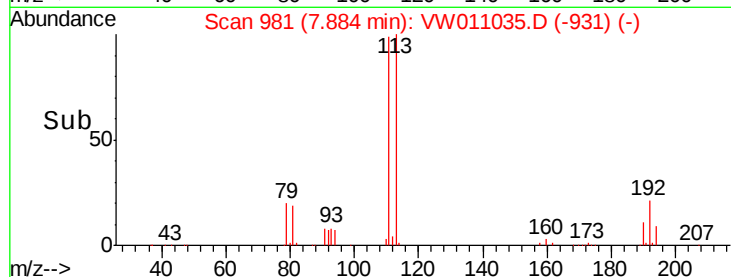
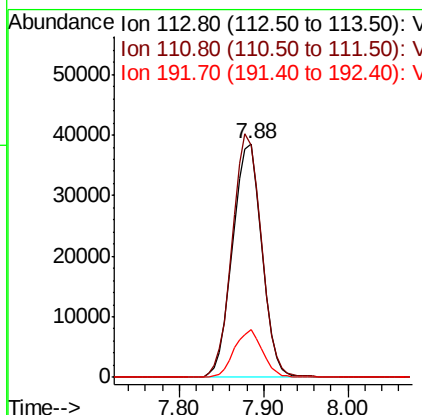
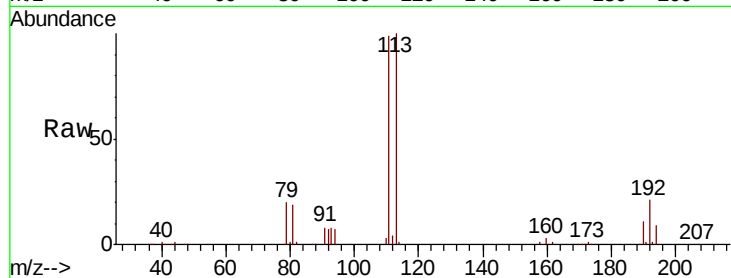




#35
 Dibromofluoromethane
 Concen: 43.987 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011035.D
 Acq: 28 Jun 2019 00:27

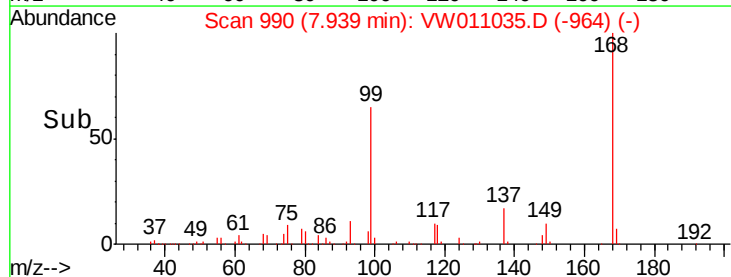
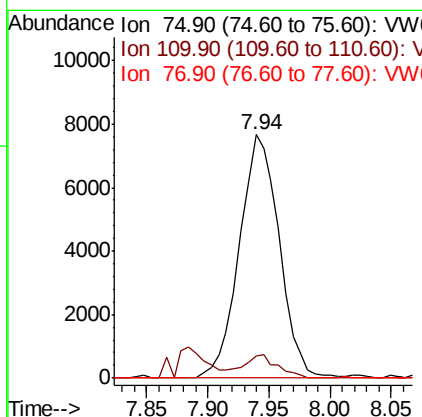
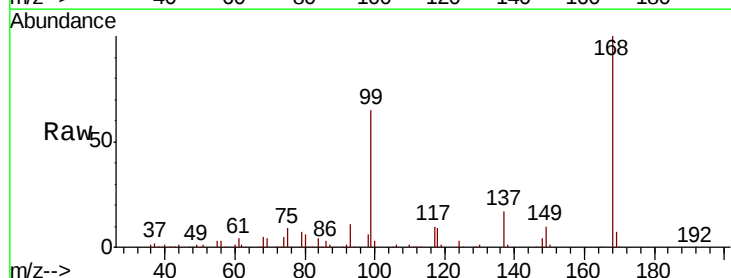
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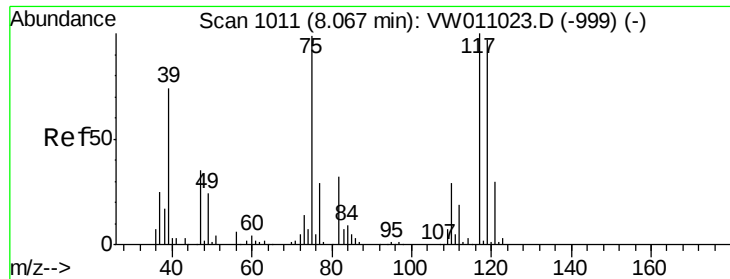
Tot Ion:113 Resp: 90559
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.8 125.6
 192 19.5 16.0 24.0



#36
 1,1-Dichloropropene
 Concen: 4.793 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011035.D
 Acq: 28 Jun 2019 00:27

Tgt Ion: 75 Resp: 17367
 Ion Ratio Lower Upper
 75 100
 110 8.0 15.5 46.5#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.442 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011035.D

Acq: 28 Jun 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

NB-07-062619-A

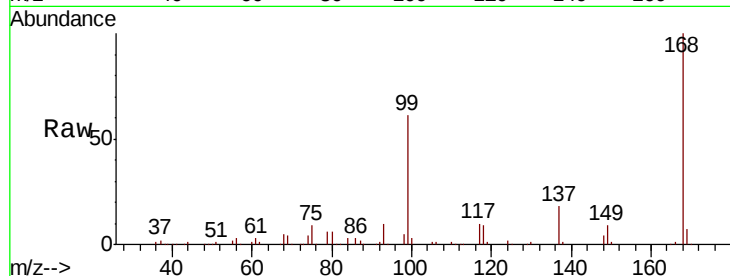
Tot Ion:117 Resp: 19225

Ion Ratio Lower Upper

117 100

119 5.2 77.7 116.5#

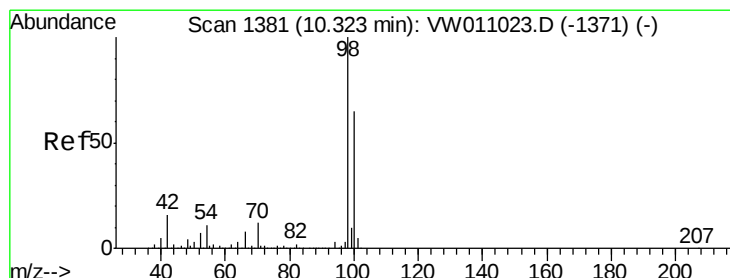
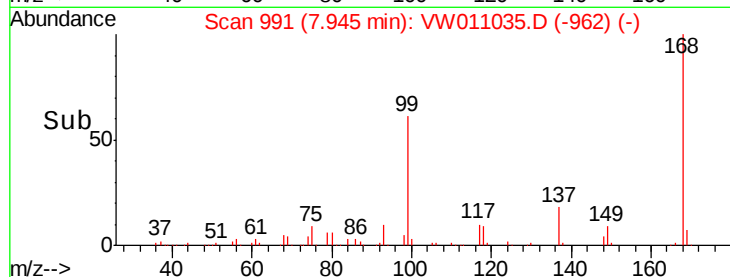
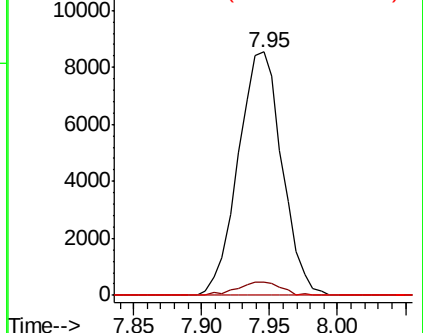
121 0.0 23.9 35.9#



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: 30.304 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011035.D

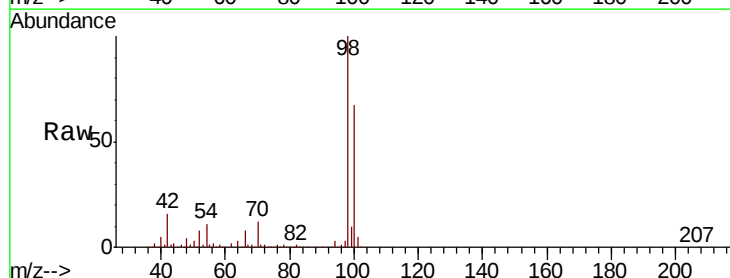
Acq: 28 Jun 2019 00:27

Tgt Ion: 98 Resp: 256808

Ion Ratio Lower Upper

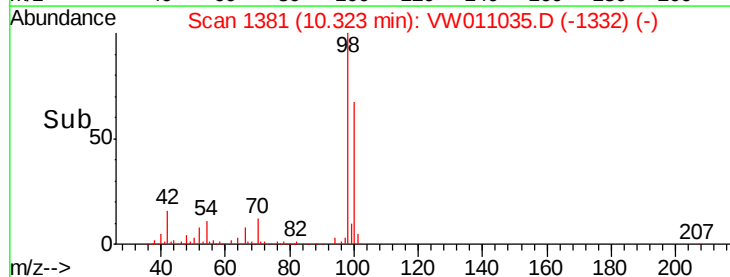
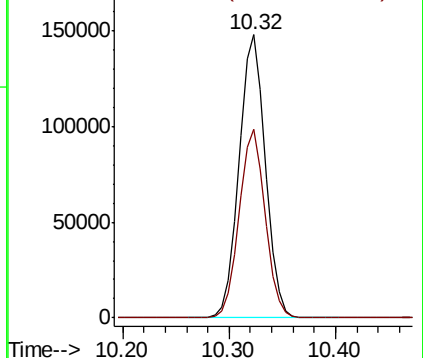
98 100

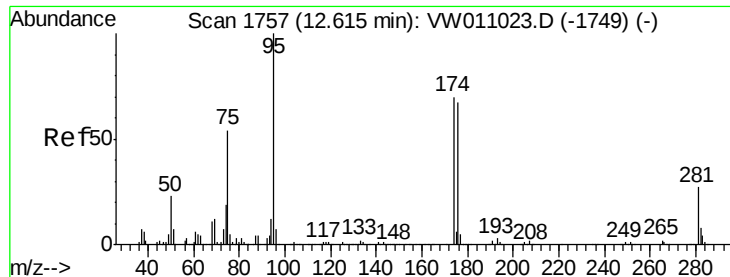
100 66.0 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

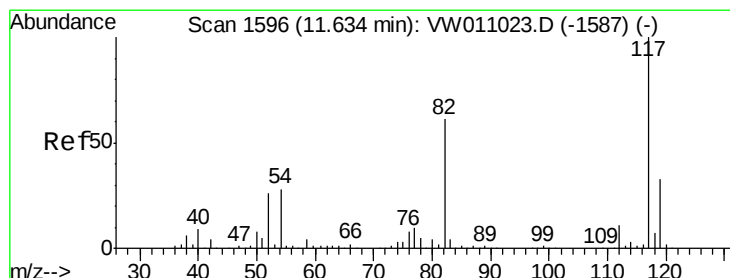
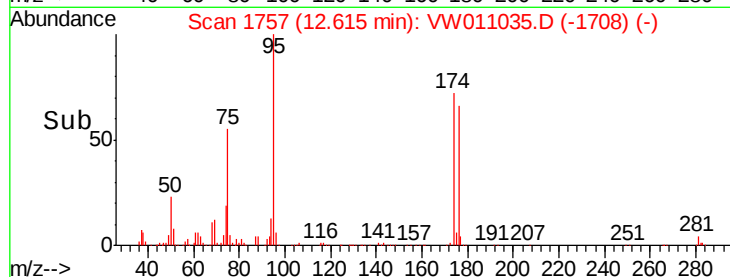
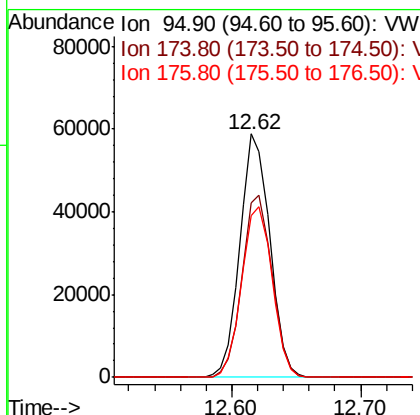
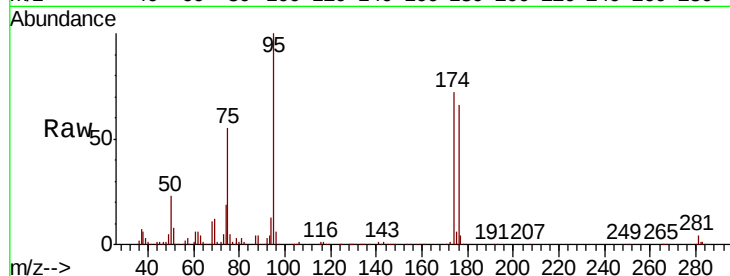




#62
4-Bromofluorobenzene
Concen: 30.499 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

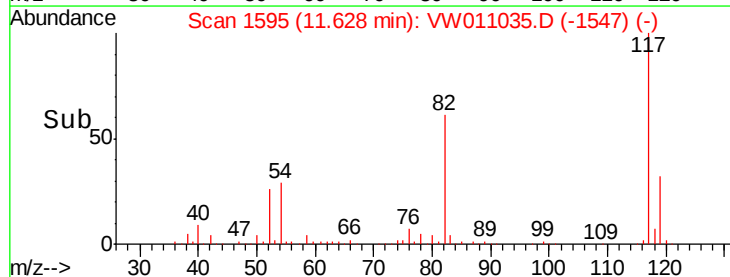
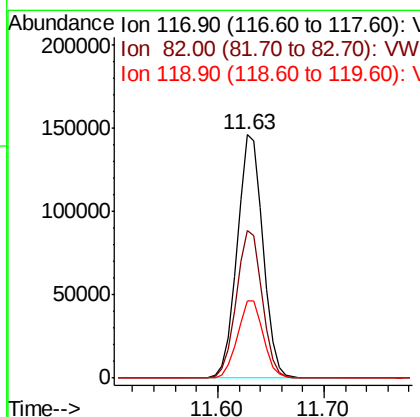
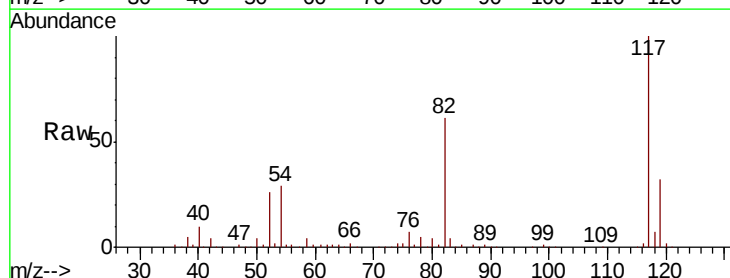
Instrument :
MSVOA_W
ClientSampleId :
NB-07-062619-A

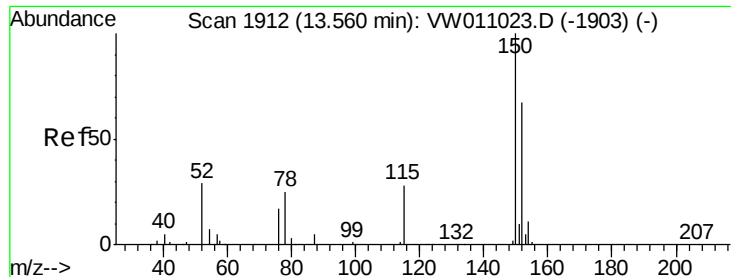
Tot Ion	95	Resp	94531
Ion Ratio	Lower	Upper	
95	100		
174	75.4	0.0	149.2
176	71.8	0.0	143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011035.D
Acq: 28 Jun 2019 00:27

Tgt Ion	117	Resp	247880
Ion Ratio	Lower	Upper	
117	100		
82	60.9	48.6	73.0
119	31.8	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: VW011035.D

Acq: 28 Jun 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

NB-07-062619-A

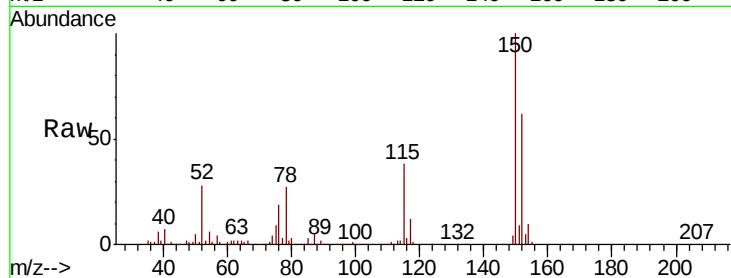
Tot Ion:152 Resp: 87683

Ion Ratio Lower Upper

152 100

115 61.2 30.7 92.1

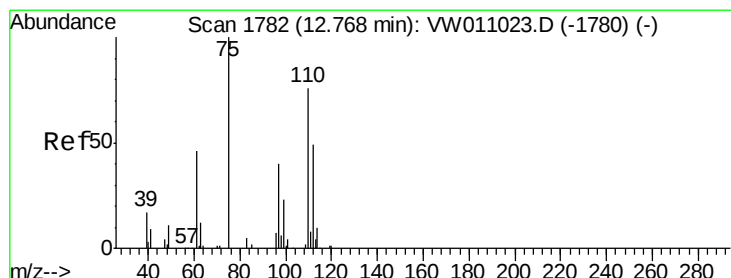
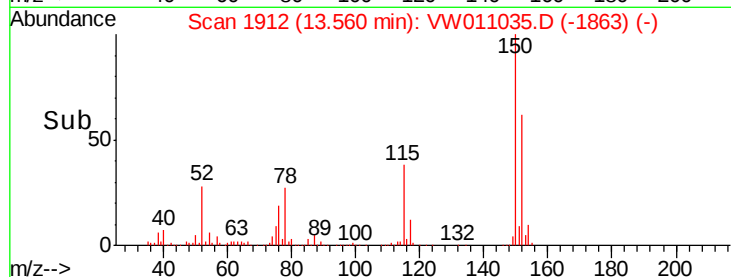
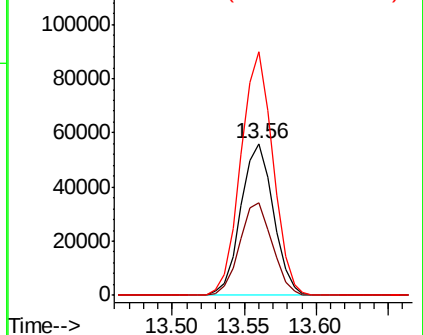
150 158.8 0.0 341.8



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: 56.098 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011035.D

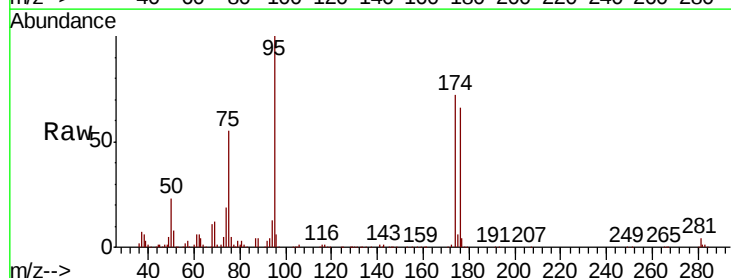
Acq: 28 Jun 2019 00:27

Tgt Ion: 75 Resp: 51930

Ion Ratio Lower Upper

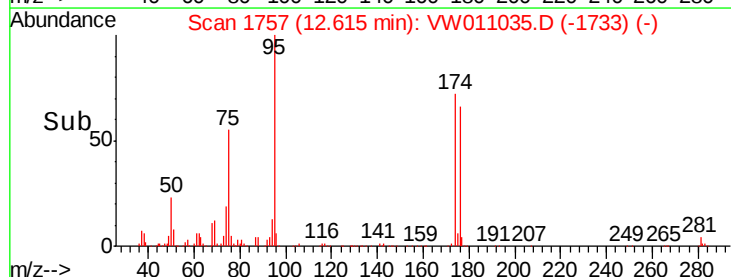
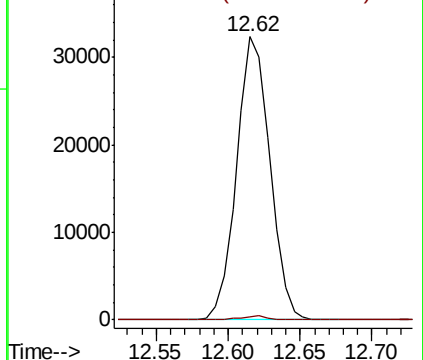
75 100

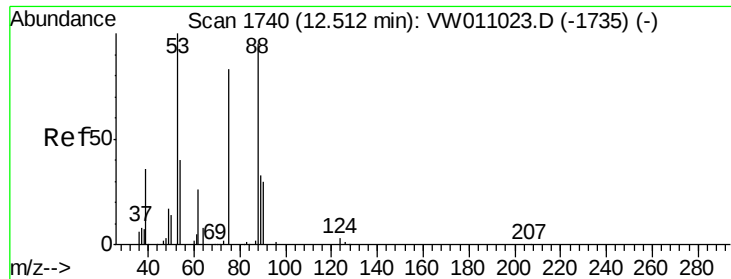
77 1.2 0.0 0.0#



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: 113.670 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011035.D

Acq: 28 Jun 2019 00:27

Instrument :

MSVOA_W

ClientSampleId :

NB-07-062619-A

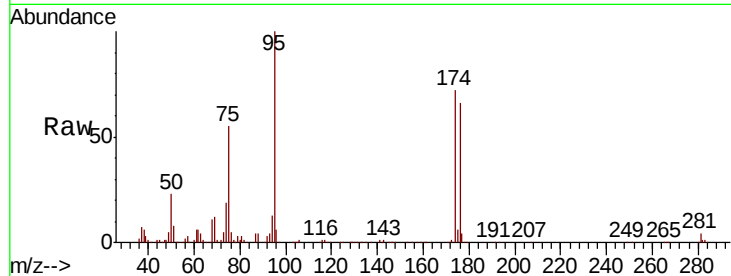
Tot Ion: 75 Resp: 51930

Ion Ratio Lower Upper

75 100

53 0.1 95.6 143.4#

89 0.0 34.4 51.6#



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

