

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012599.D
 Acq On : 04 Sep 2019 17:06
 Operator : SY/VA
 Sample : K4619-03
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 04 18:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	138581	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	164211	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
35) Dibromofluoromethane	7.88	113	123628	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
50) Toluene-d8	10.32	98	479990	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.62	95	161476	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	

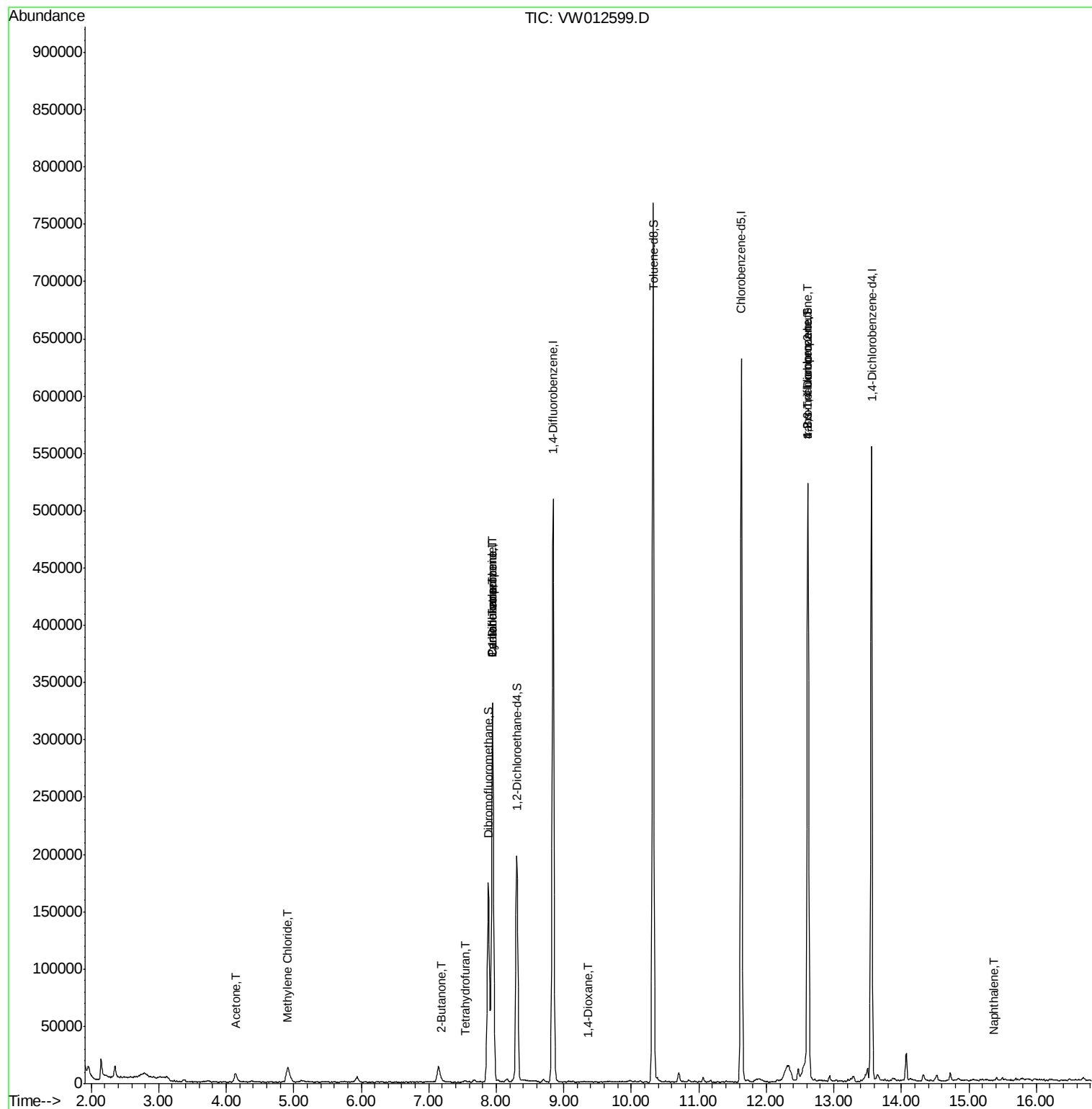
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	15557	21.547	ug/l	92
20) Methylene Chloride	4.92	84	9427	3.454	ug/l	98
25) 2-Butanone	7.19	43	2055	2.095	ug/l	96
29) Tetrahydrofuran	7.54	42	707	1.201	ug/l #	60
31) Cyclohexane	7.94	56	5860	1.152	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20218	5.075	ug/l #	51
38) Carbon Tetrachloride	7.95	117	24465	7.096	ug/l #	17
49) 1,4-Dioxane	9.37	88	64	3.210	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	88464	65.544	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88464	143.709	ug/l #	6
95) Naphthalene	15.36	128	255	4.366	ug/l #	82

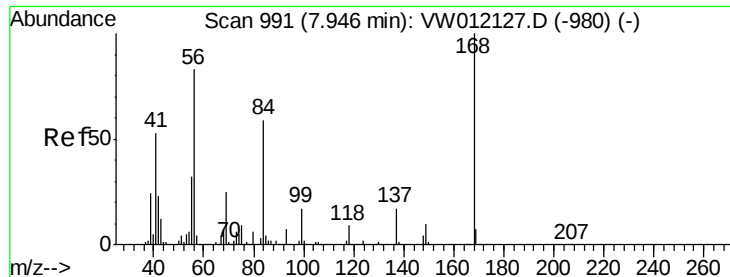
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
Data File : VW012599.D
Acq On : 04 Sep 2019 17:06
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BNA_G
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012599.D

Acq: 04 Sep 2019 17:06

Instrument :

BNA_G

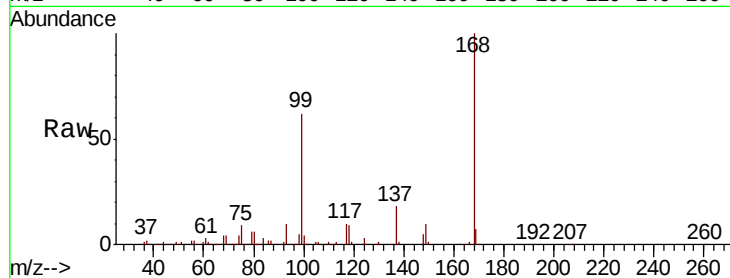
ClientSampleId :

Tot Ion:168 Resp: 237606

Ion Ratio Lower Upper

168 100

99 61.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

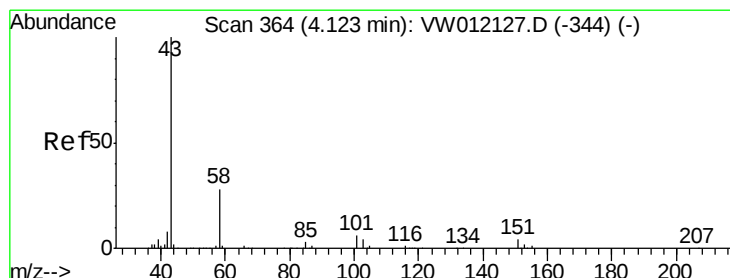
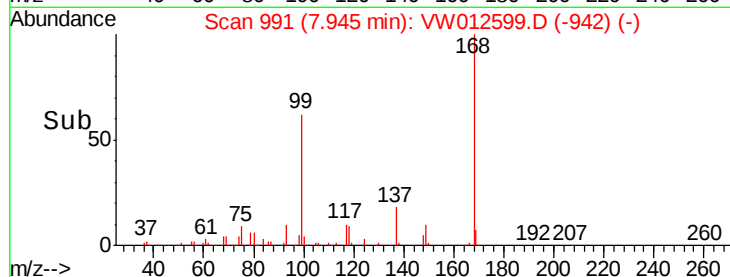
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 21.547 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012599.D

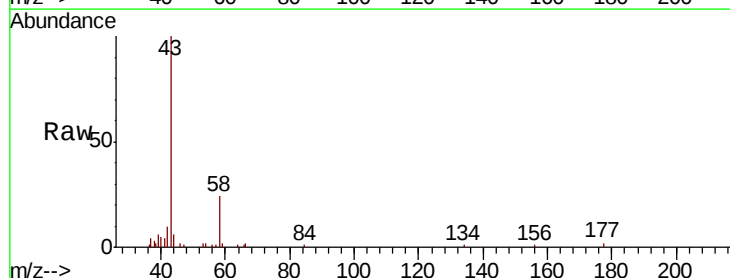
Acq: 04 Sep 2019 17:06

Tgt Ion: 43 Resp: 15557

Ion Ratio Lower Upper

43 100

58 23.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

5000

4000

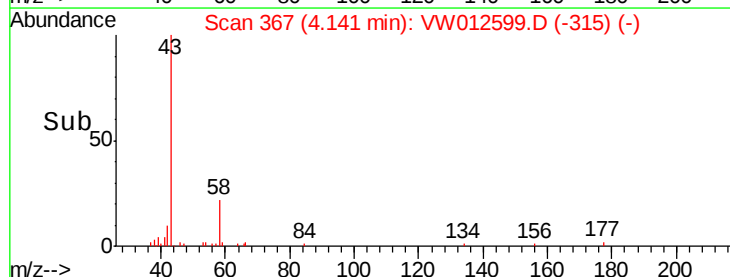
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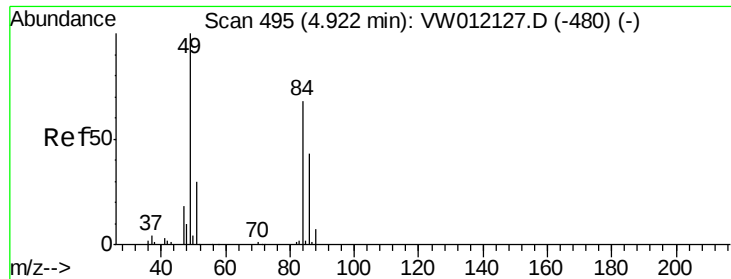
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1000

0

Time-->

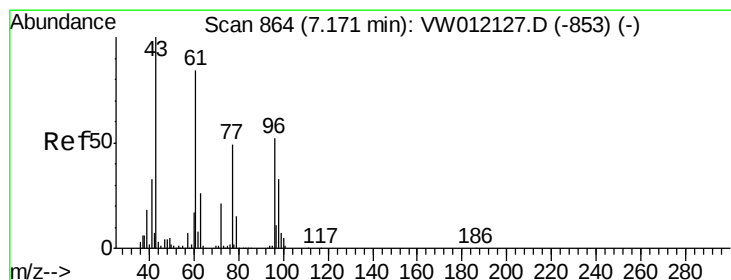
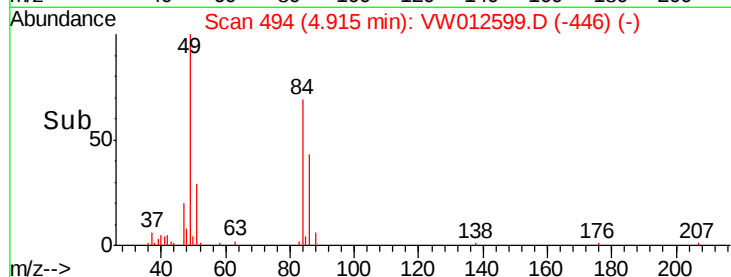
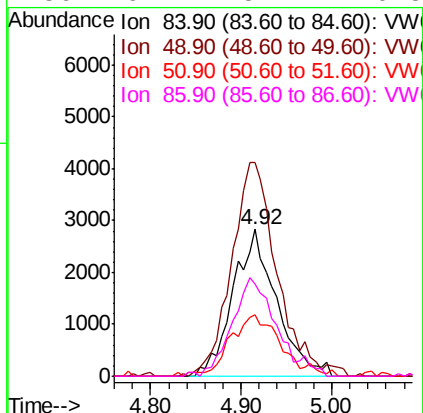
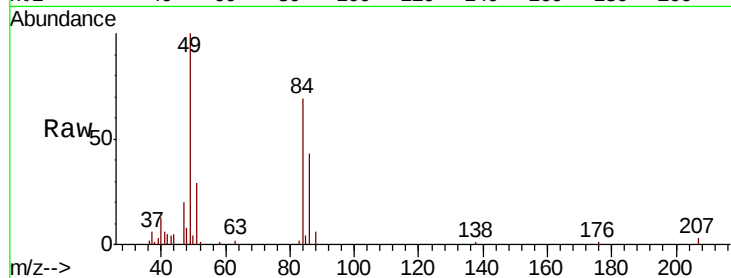




#20
Methvlene Chloride
Concen: 3.454 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

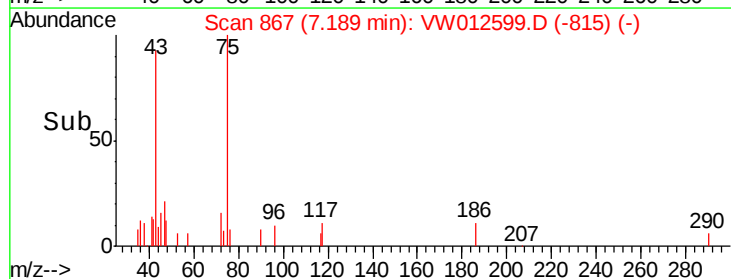
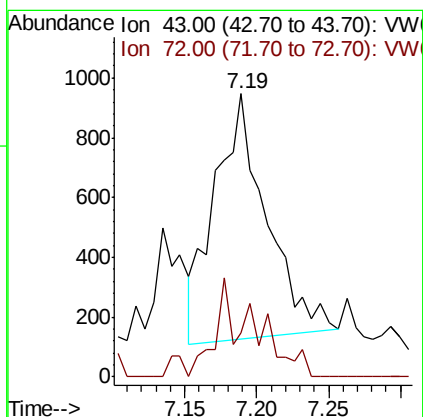
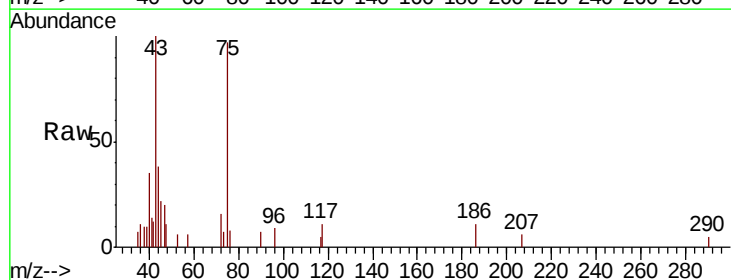
Instrument :
BNA_G
ClientSampleId :

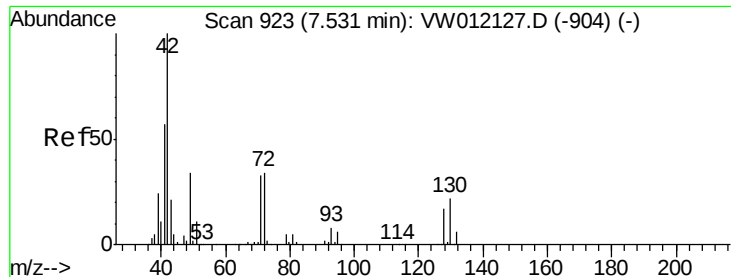
Tot Ion:	84	Resp:	9427
Ion	Ratio	Lower	Upper
84	100		
49	145.6	117.8	176.8
51	42.1	35.6	53.4
86	62.7	51.2	76.8



#25
2-Butanone
Concen: 2.095 ug/l
RT: 7.19 min Scan# 867
Delta R.T. 0.02 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Tgt Ion:	43	Resp:	2055
Ion	Ratio	Lower	Upper
43	100		
72	18.7	16.6	24.8

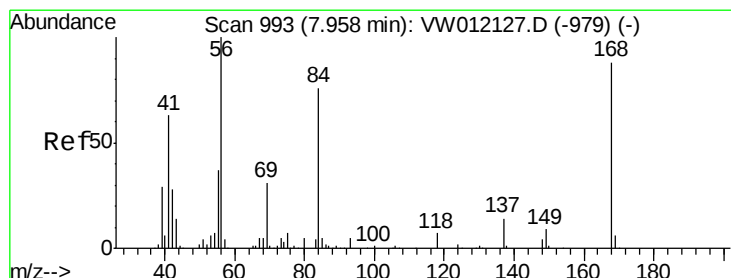
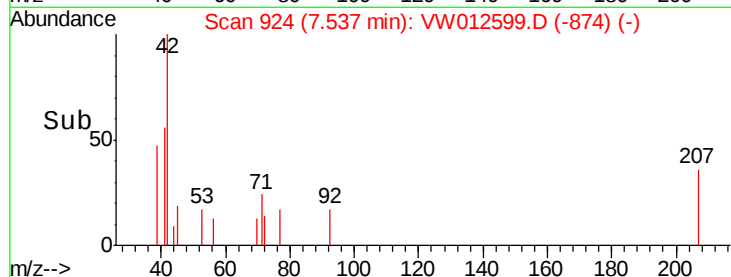
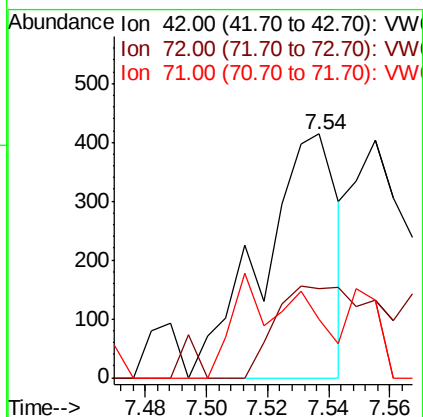
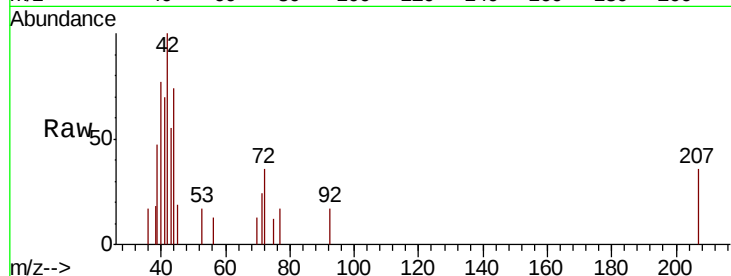




#29
Tetrahydrofuran
Concen: 1.201 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

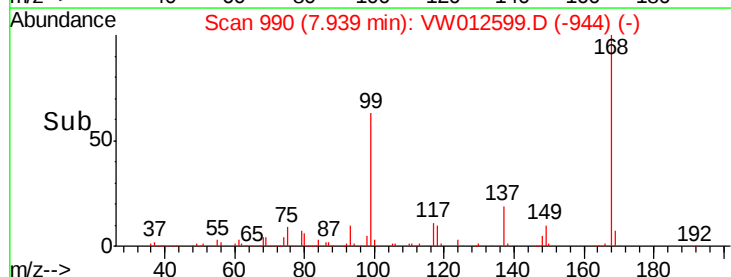
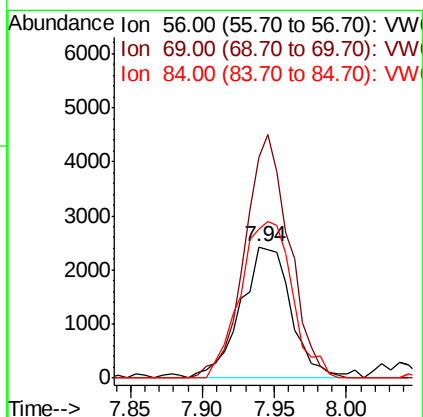
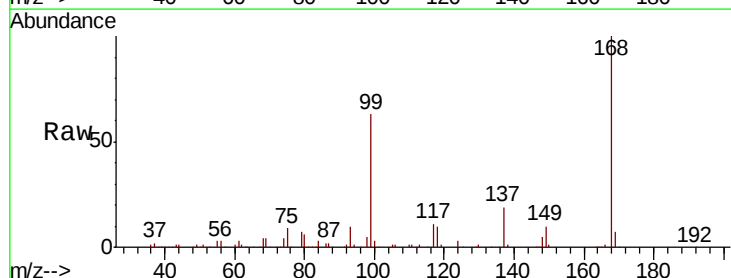
Instrument :
BNA_G
ClientSampled :

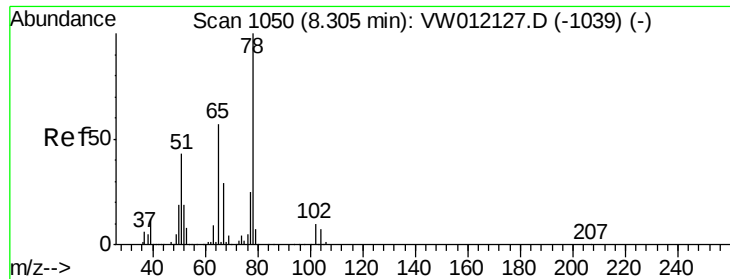
Tot Ion: 42 Resp: 707
Ion Ratio Lower Upper
42 100
72 62.0 27.3 40.9#
71 14.7 25.5 38.3#



#31
Cyclohexane
Concen: 1.152 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Tgt Ion: 56 Resp: 5860
Ion Ratio Lower Upper
56 100
69 167.6 24.9 37.3#
84 113.5 60.6 90.8#

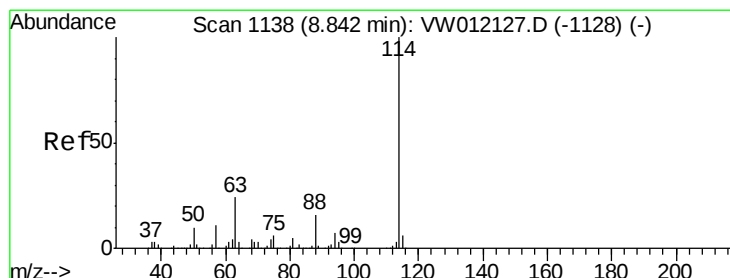
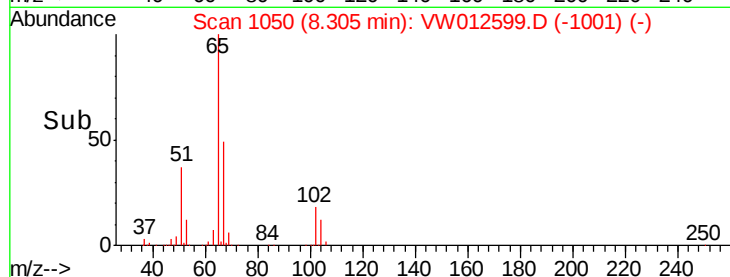
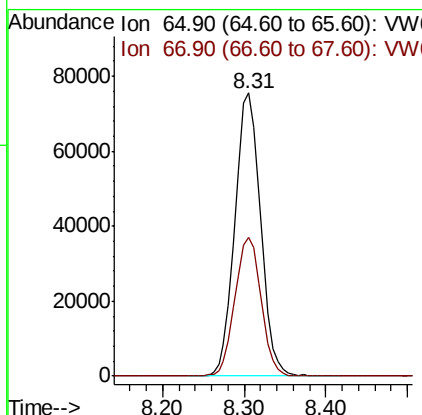
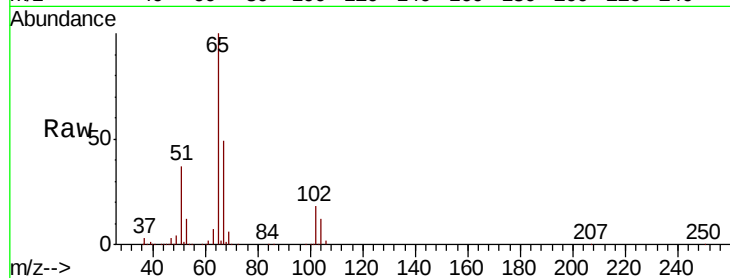




#33
 1,2-Dichloroethane-d4
 Concen: 58.137 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

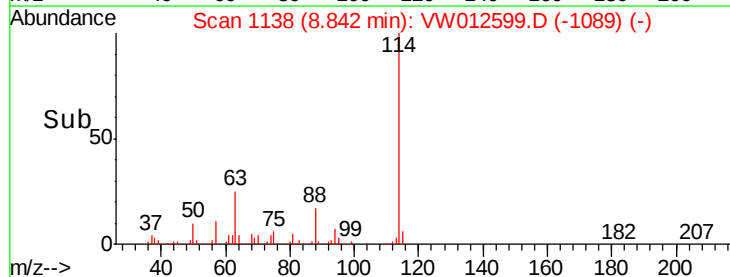
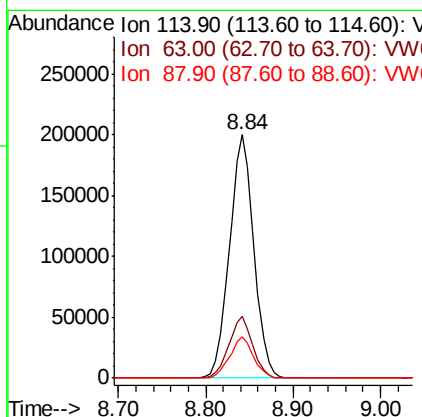
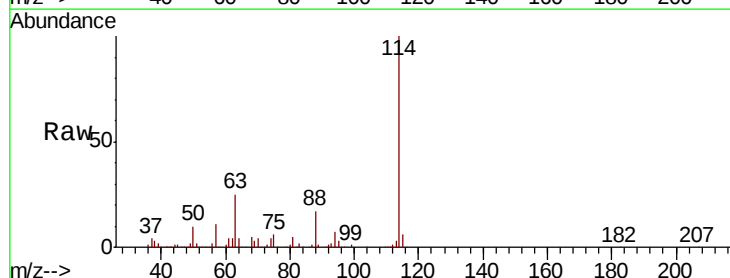
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 65 Resp: 164211
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

Tgt Ion: 114 Resp: 385490
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 48.6
 88 17.1 0.0 32.2

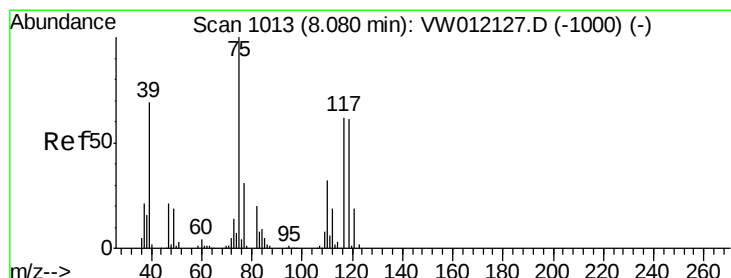
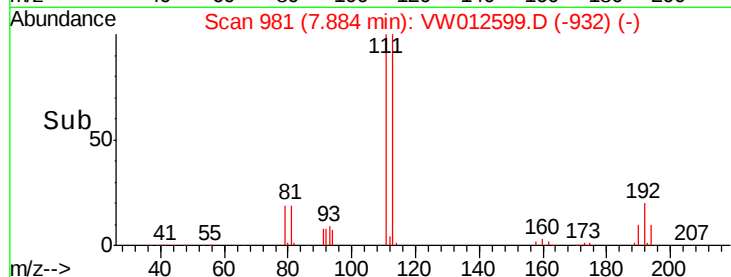
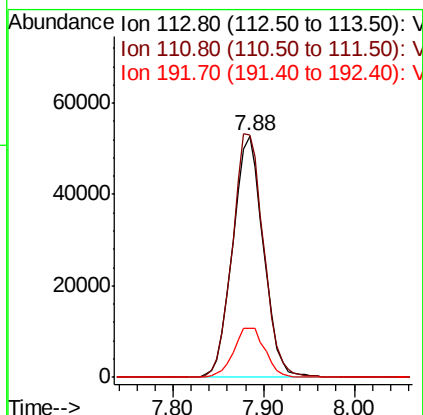
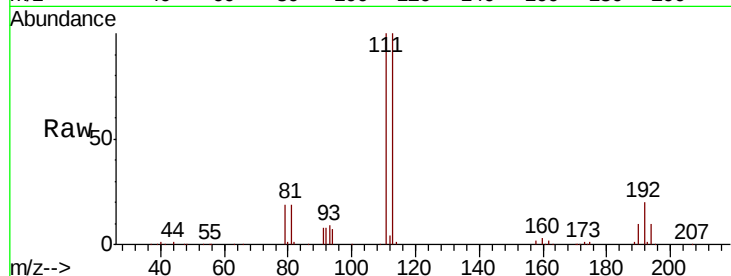




#35
 Dibromofluoromethane
 Concen: 53.728 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

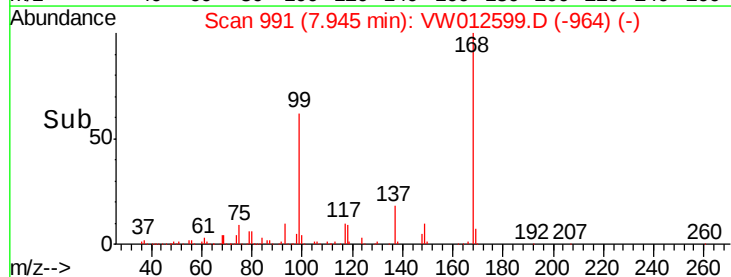
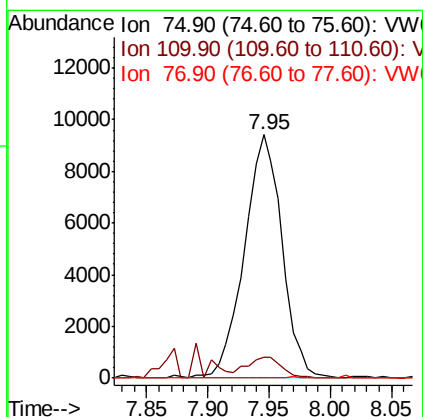
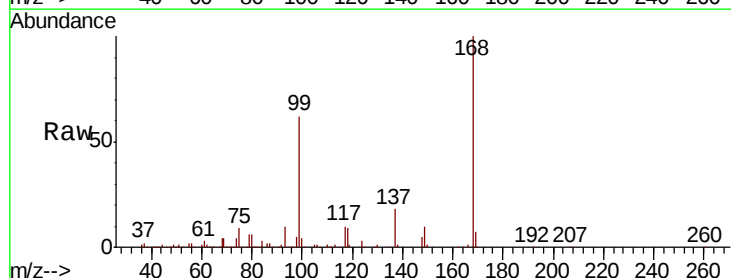
Instrument :
 BNA_G
 ClientSampleId :

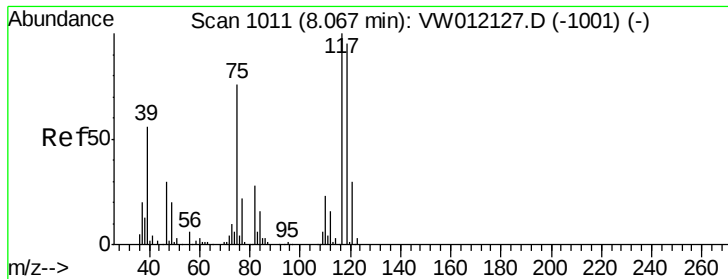
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	21.0	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.075 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.8	15.6	46.8#
77	0.0	24.6	36.8#

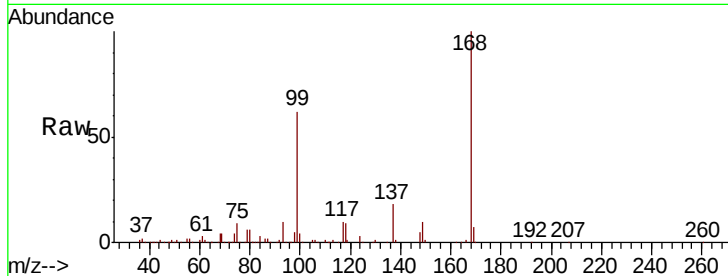




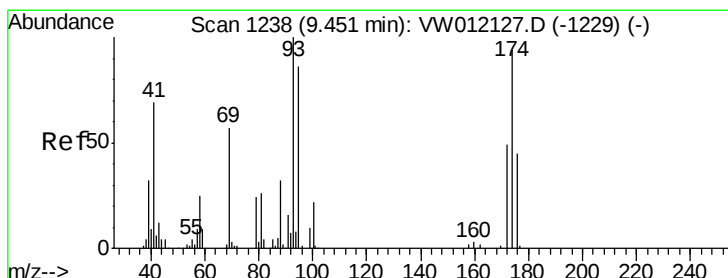
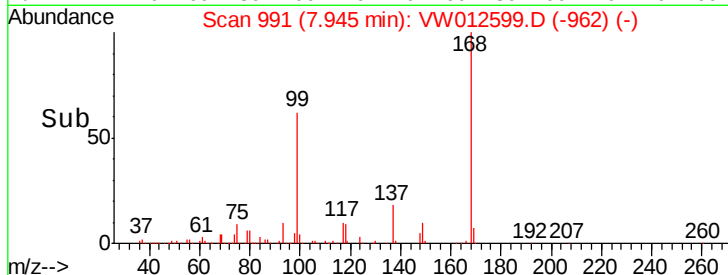
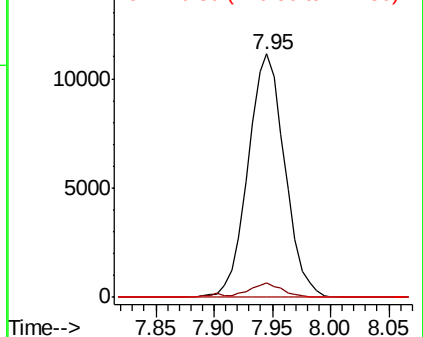
#38
Carbon Tetrachloride
Concen: 7.096 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:117 Resp: 24465
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 23.8 35.8#

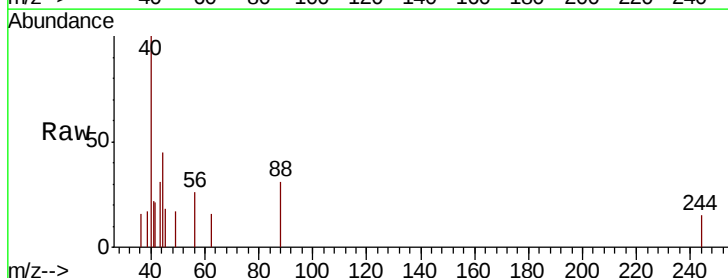


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

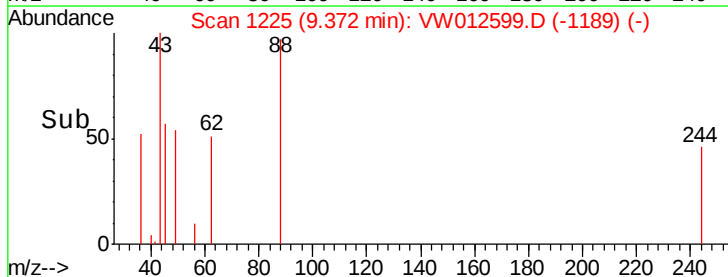
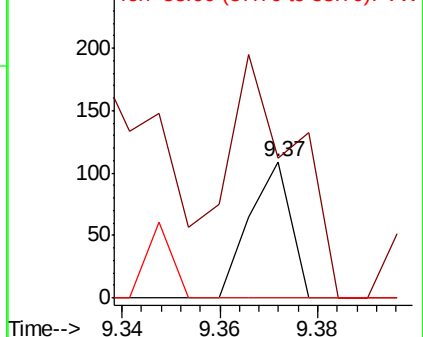


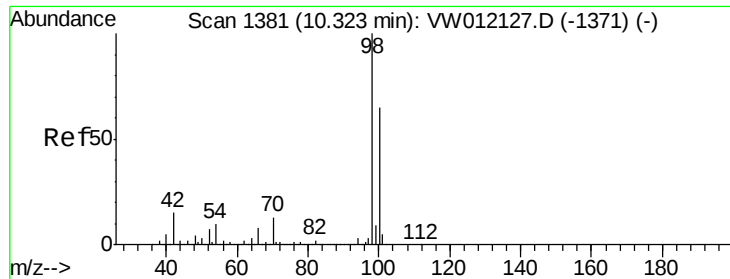
#49
1,4-Dioxane
Concen: 3.210 ug/l
RT: 9.37 min Scan# 1225
Delta R.T. -0.08 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 293.8 32.9 49.3#
58 0.0 71.0 106.4#



Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW





#50

Toluene-d8

Concen: 51.446 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012599.D

Acq: 04 Sep 2019 17:06

Instrument :

BNA_G

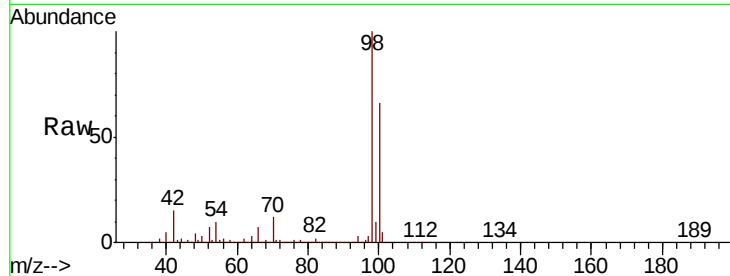
ClientSampleId :

Tot Ion: 98 Resp: 479990

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

300000

250000

200000

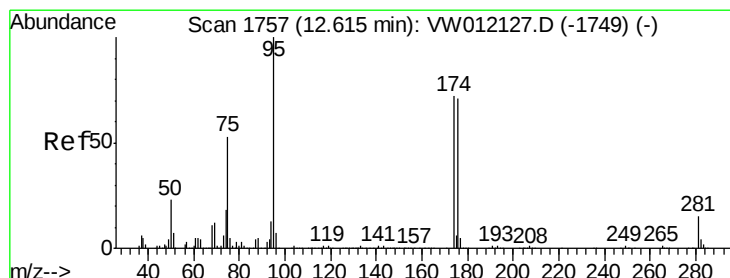
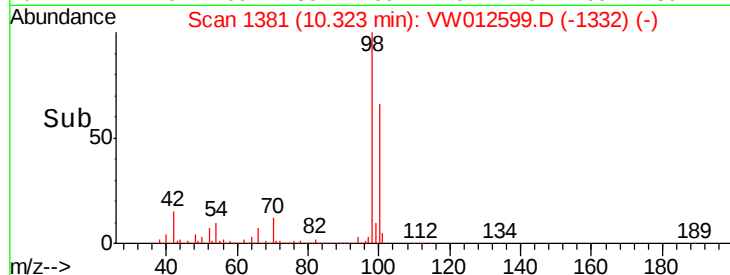
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.099 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012599.D

Acq: 04 Sep 2019 17:06

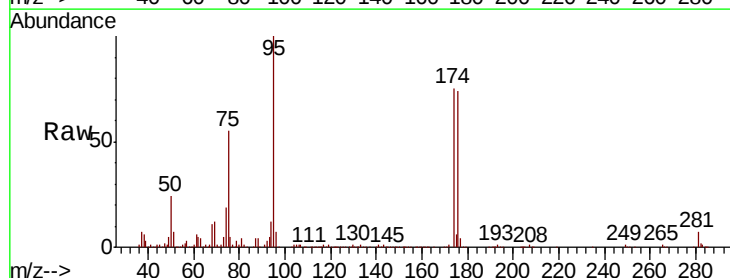
Tgt Ion: 95 Resp: 161476

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.8

176 75.9 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

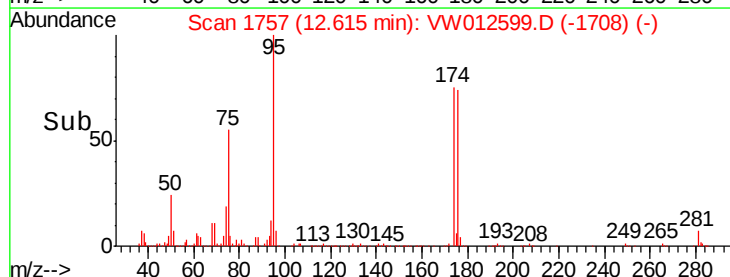
12.62

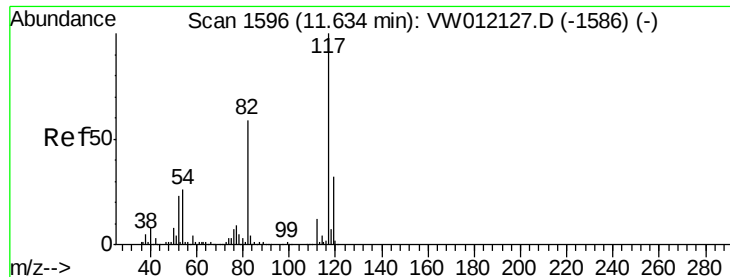
100000

50000

0

Time--> 12.50 12.60 12.70 12.80

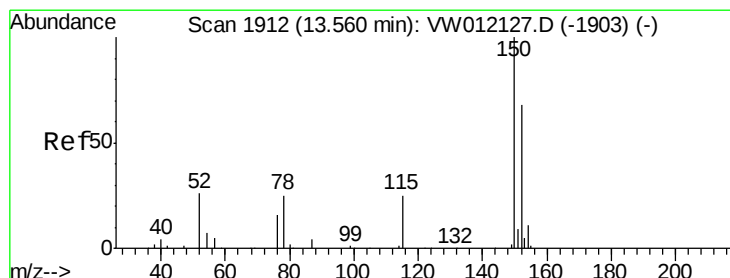
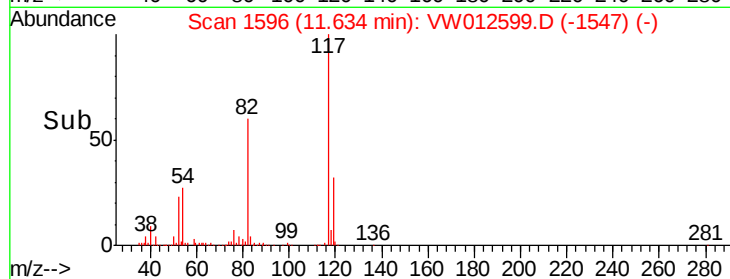
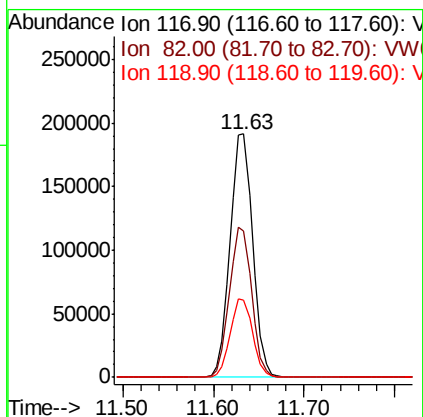
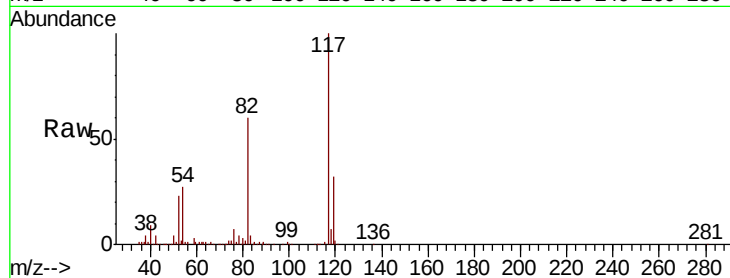




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

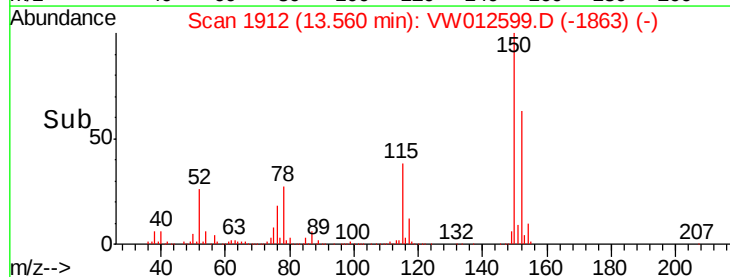
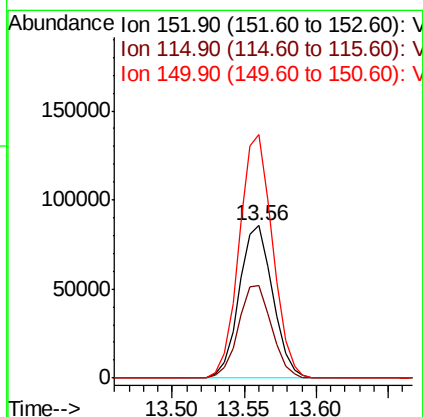
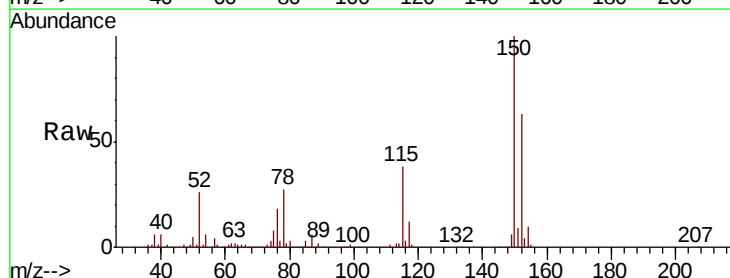
Instrument :
BNA_G
ClientSampleId :

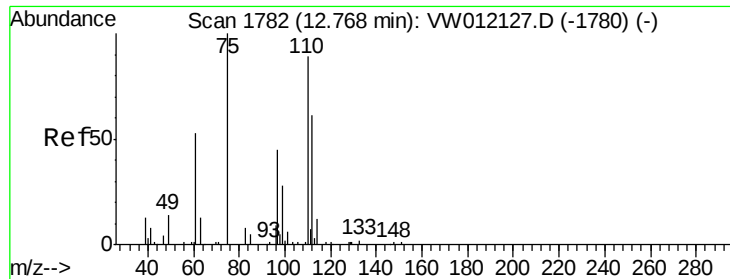
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	31.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.1	90.3
150	157.8	0.0	345.8

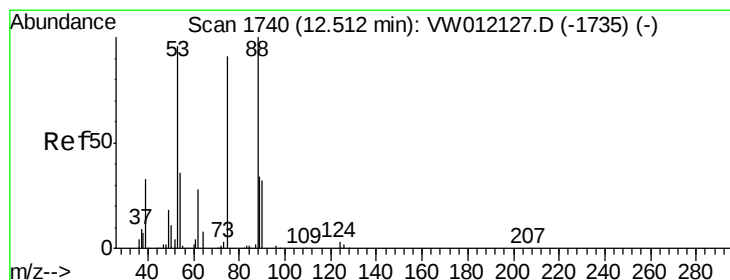
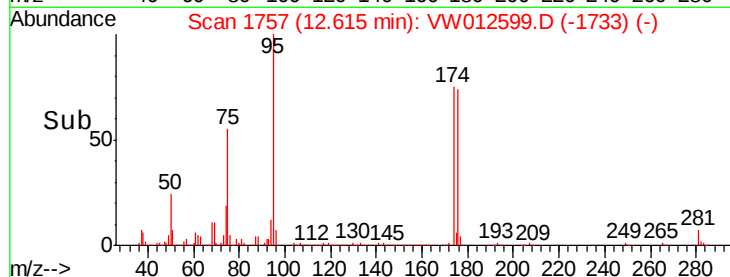
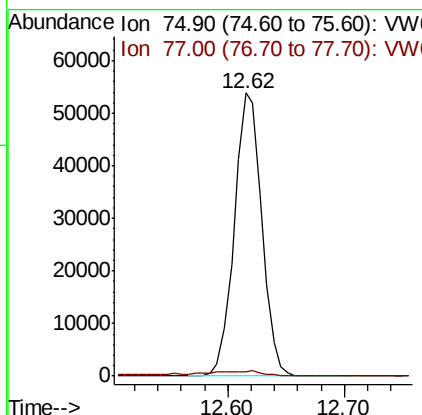
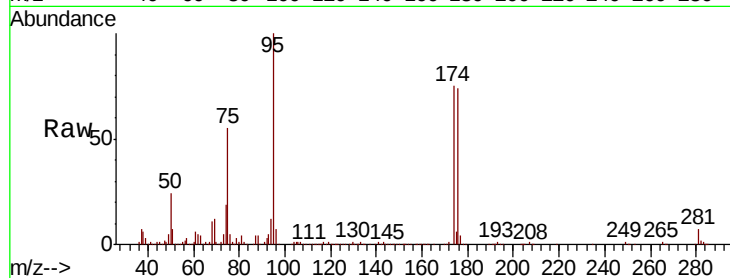




#76
 1,2,3-Trichloropropane
 Concen: 65.544 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

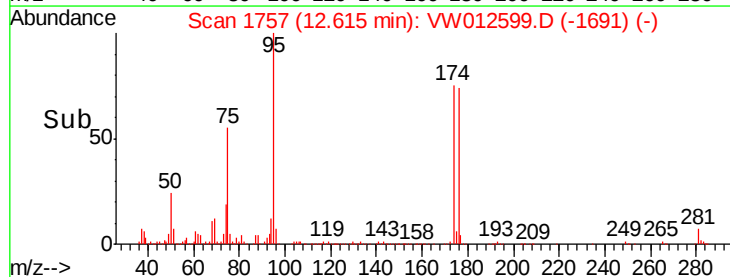
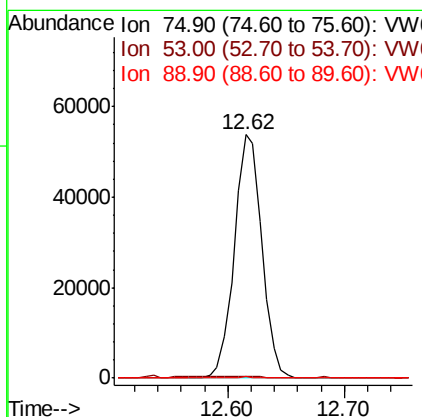
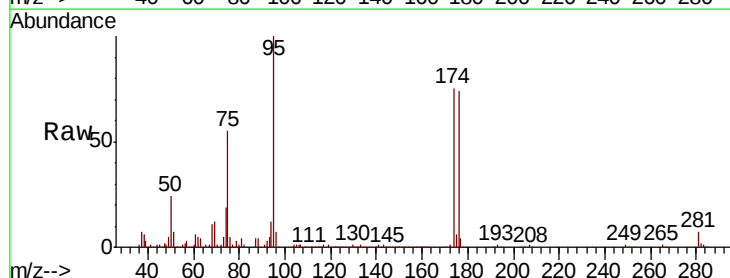
Instrument :
 BNA_G
 ClientSampleId :

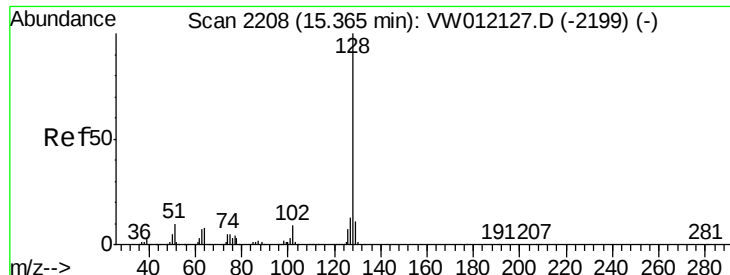
Tot Ion: 75 Resp: 88464
 Ion Ratio Lower Upper
 75 100
 77 4.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 143.709 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012599.D
 Acq: 04 Sep 2019 17:06

Tgt Ion: 75 Resp: 88464
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.1 34.5 51.7#

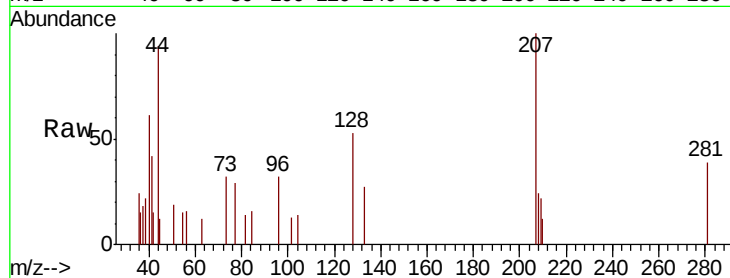




#95
Naphthalene
Concen: 4.366 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012599.D
Acq: 04 Sep 2019 17:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.7	16.1#
129	0.0	8.7	13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

