

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061119\
 Data File : VN056229.D
 Acq On : 11 Jun 2019 17:43
 Operator : JC/SP
 Sample : K3284-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-SW4003-20190610

Quant Time: Jun 12 06:35:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	314885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	472885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	468745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	165592	52.96	ug/l	0.00
Spiked Amount						
			Recovery	=	105.92%	
35) Dibromofluoromethane	7.59	113	154099	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
50) Toluene-d8	10.09	98	610503	54.68	ug/l	0.00
Spiked Amount						
			Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.40	95	195899	51.60	ug/l	0.00
Spiked Amount						
			Recovery	=	103.20%	

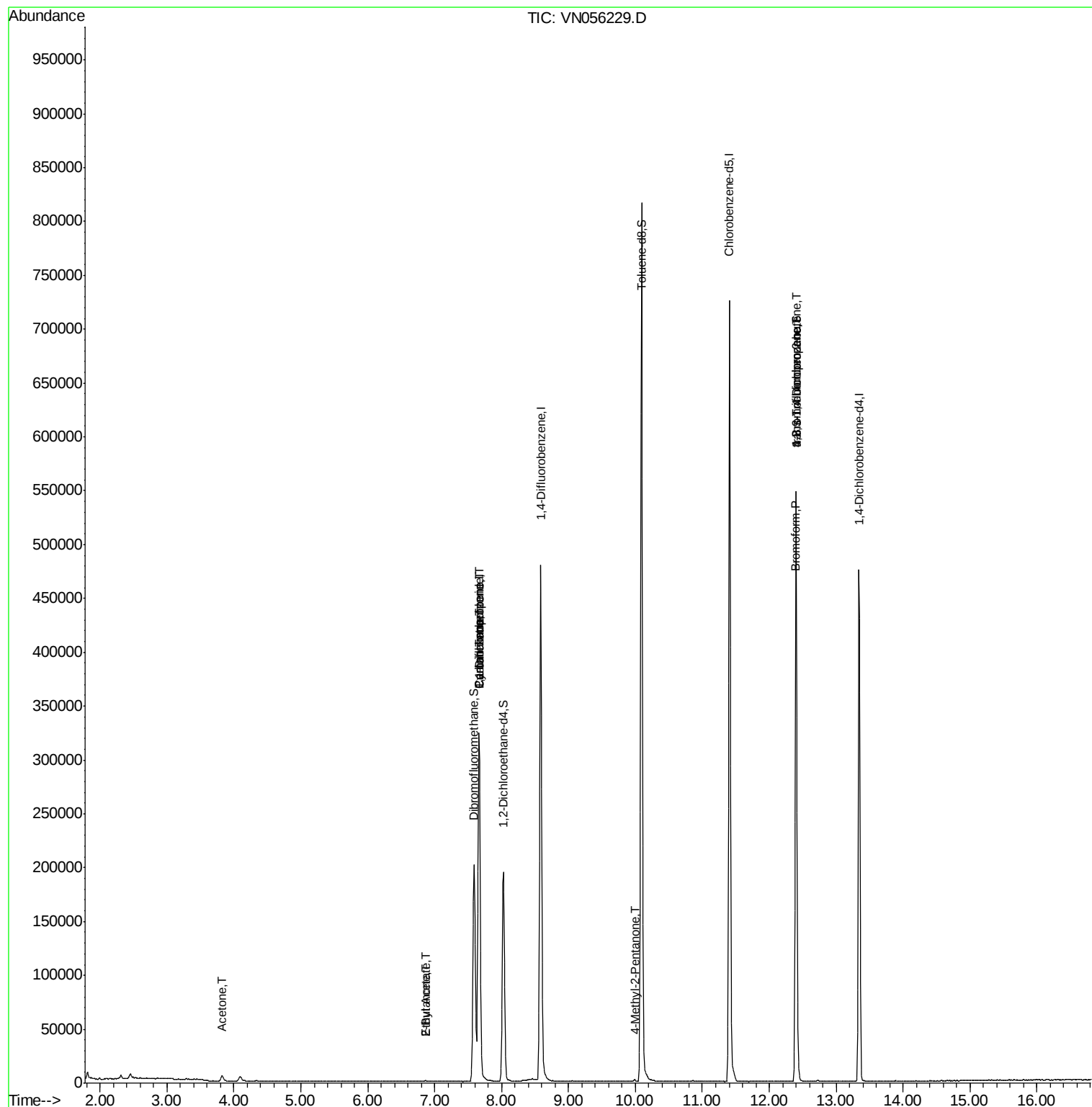
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	9600	6.420	ug/l	98
18) Methyl Acetate	4.33	43	1544	Below Cal	#	59
25) 2-Butanone	6.86	43	1684	0.891	ug/l	95
31) Cyclohexane	7.66	56	4360	0.879	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17858	4.392	ug/l #	47
37) Ethyl Acetate	6.86	43	1684	0.465	ug/l #	67
38) Carbon Tetrachloride	7.66	117	25135	6.705	ug/l #	15
51) 4-Methyl-2-Pentanone	9.99	43	1892	0.516	ug/l #	86
71) Bromoform	12.38	173	91	2.774	ug/l #	29
73) Isopropylbenzene	12.40	105	62	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	89750	32.669	ug/l #	100
79) 2-Chlorotoluene	12.40	91	538	Below Cal	#	39
81) trans-1,4-Dichloro-2-buten	12.40	75	89750	108.795	ug/l #	15

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

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BP-TT-SW4003-20190610

Quant Time: Jun 12 06:35:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

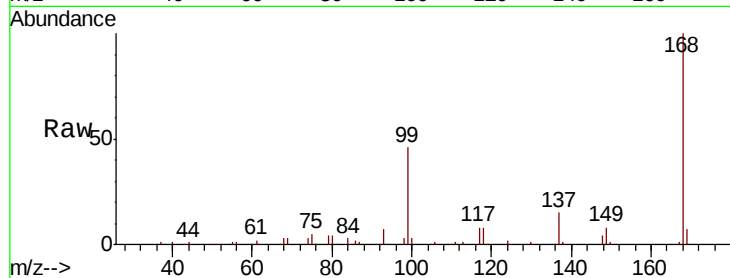
BP-TT-SW4003-20190610

Tot Ion:168 Resp: 314885

Ion Ratio Lower Upper

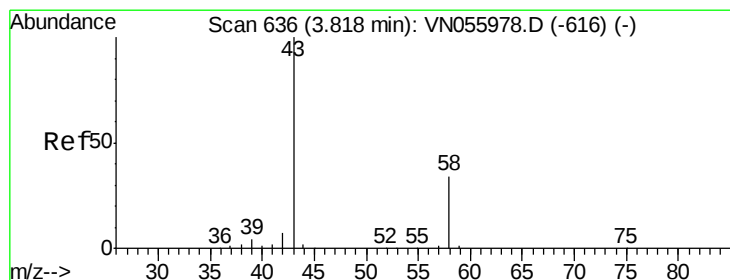
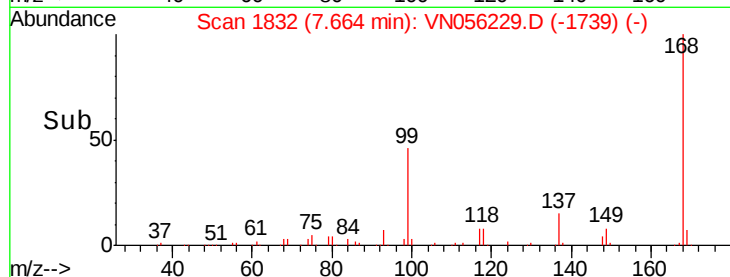
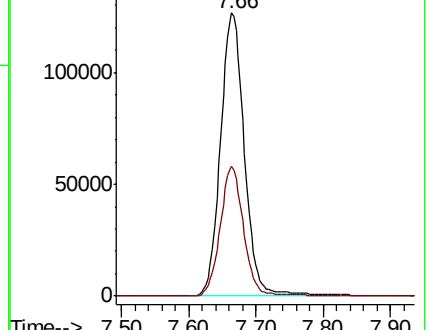
168 100

99 45.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN056229.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN056229.D (-1739) (-)



#16

Acetone

Concen: 6.420 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056229.D

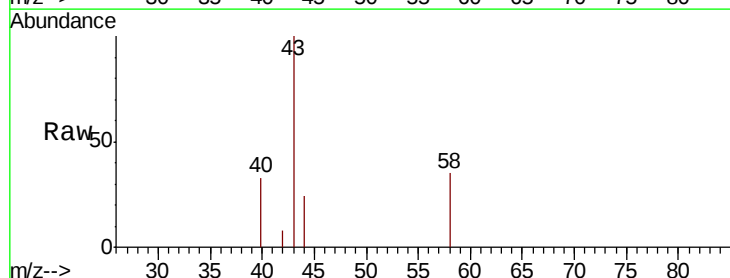
Acq: 11 Jun 2019 17:43

Tgt Ion: 43 Resp: 9600

Ion Ratio Lower Upper

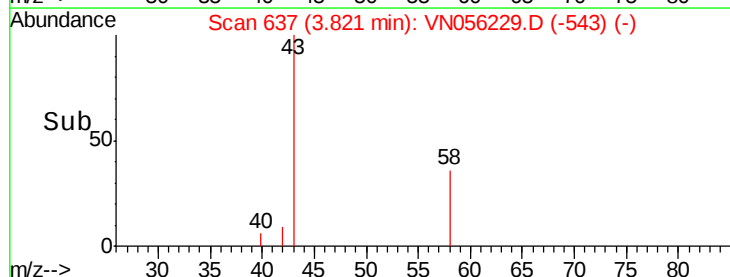
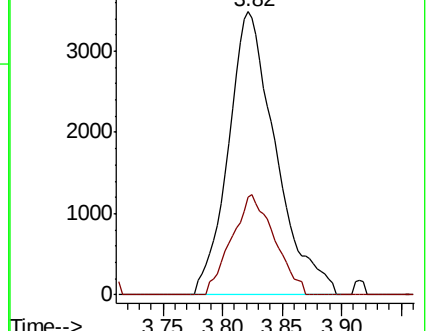
43 100

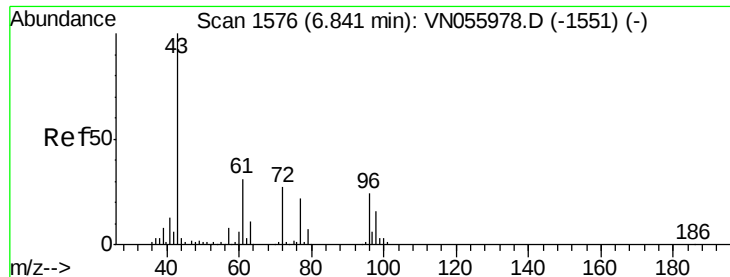
58 34.5 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN056229.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN056229.D (-543) (-)

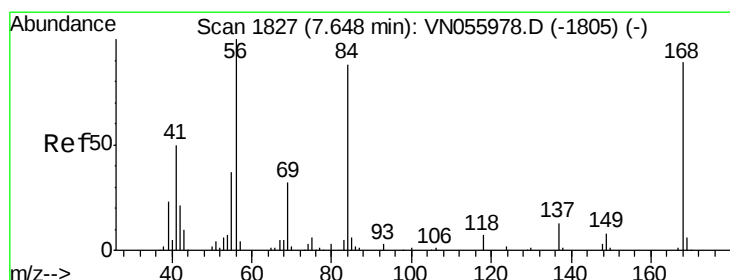
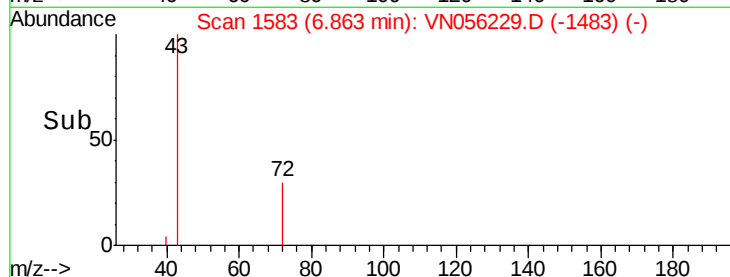
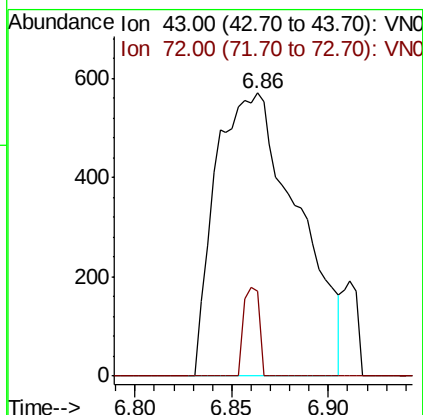
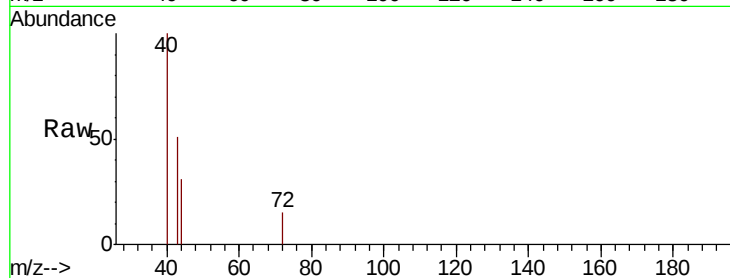




#25
2-Butanone
Concen: 0.891 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.02 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

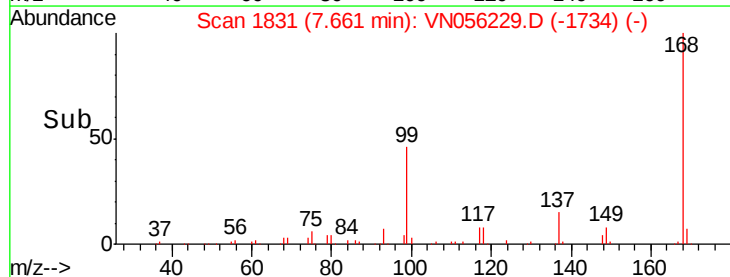
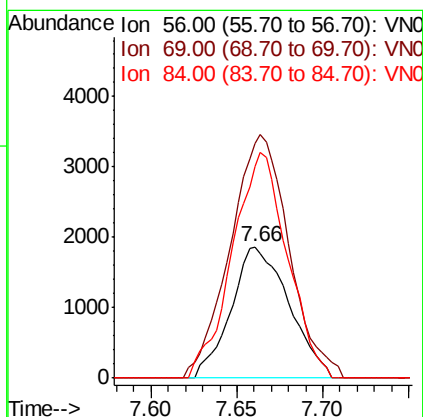
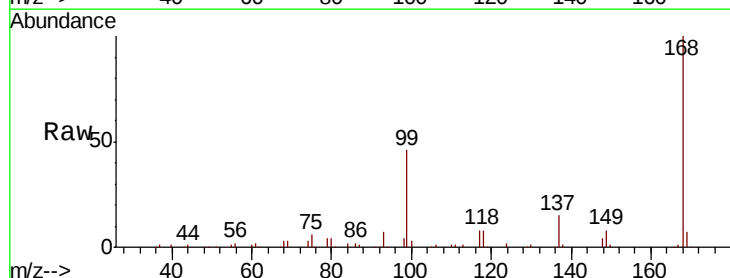
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-SW4003-20190610

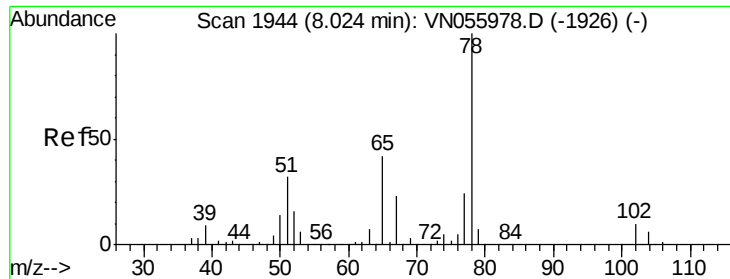
Tot Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
72 30.1 21.9 32.9



#31
Cyclohexane
Concen: 0.879 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

Tgt Ion: 56 Resp: 4360
Ion Ratio Lower Upper
56 100
69 170.4 25.6 38.4#
84 161.2 67.4 101.0#

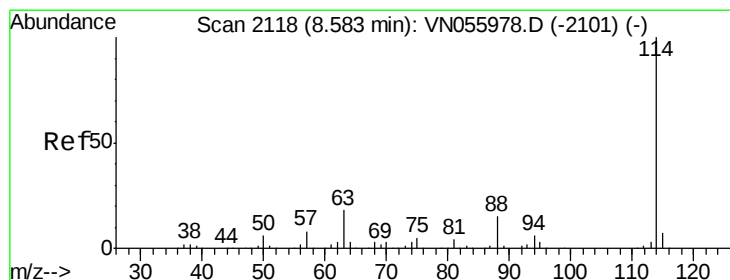
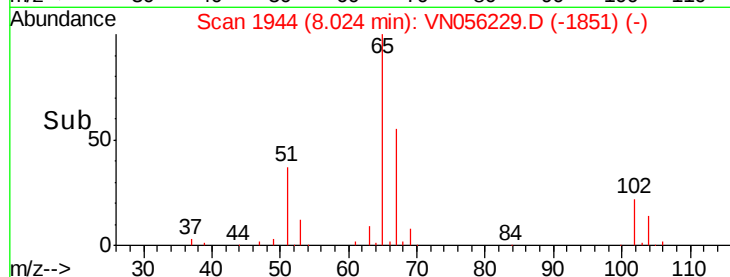
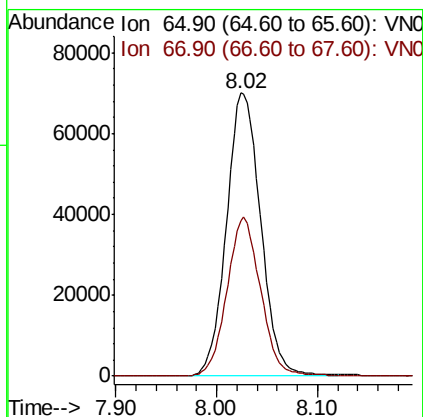
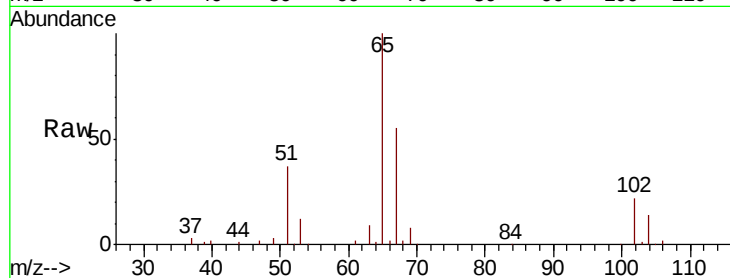




#33
 1,2-Dichloroethane-d4
 Concen: 52.963 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN056229.D
 Acq: 11 Jun 2019 17:43

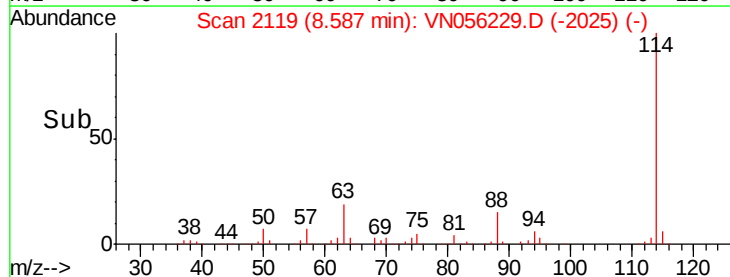
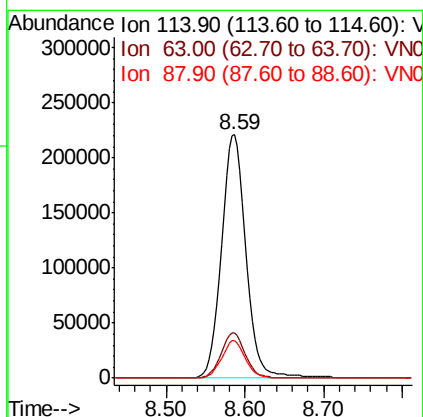
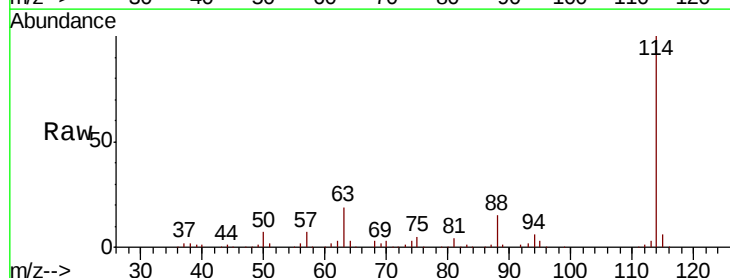
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-SW4003-20190610

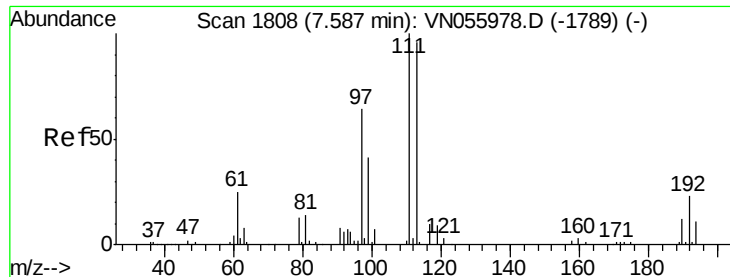
Tot Ion: 65 Resp: 165592
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056229.D
 Acq: 11 Jun 2019 17:43

Tgt Ion: 114 Resp: 472885
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.2 0.0 31.0

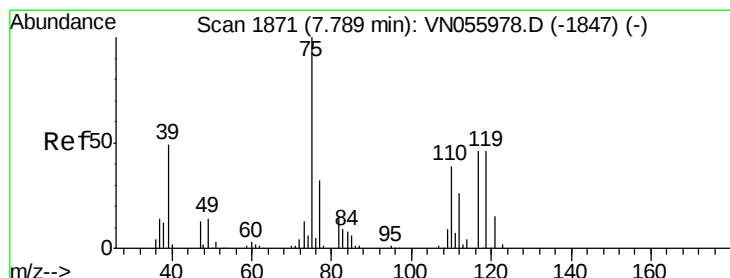
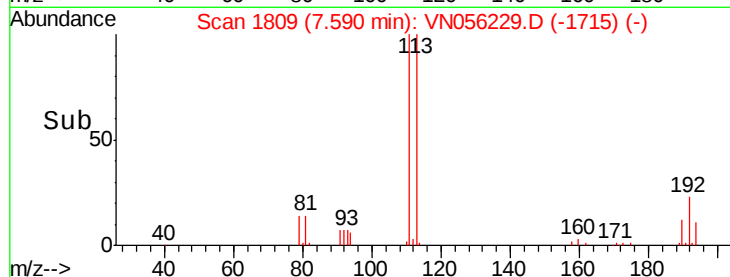
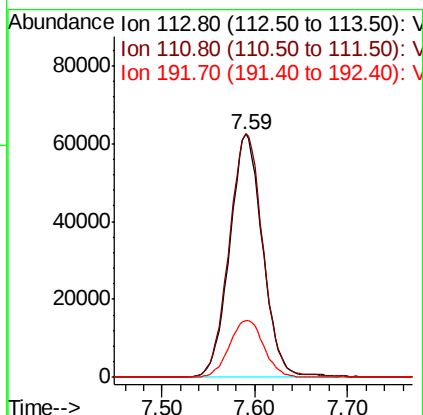
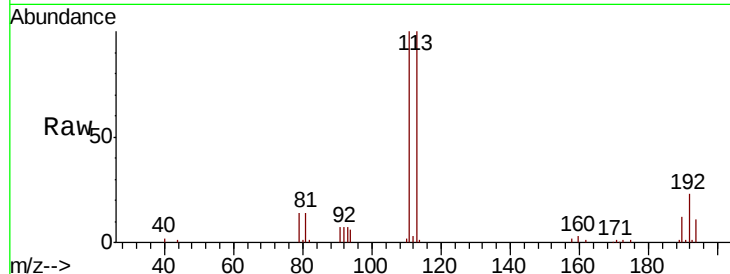




#35
 Dibromofluoromethane
 Concen: 53.114 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056229.D
 Acq: 11 Jun 2019 17:43

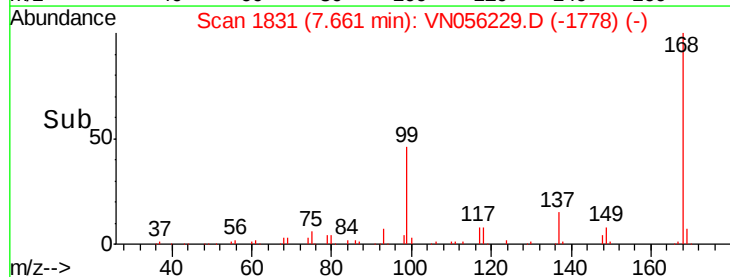
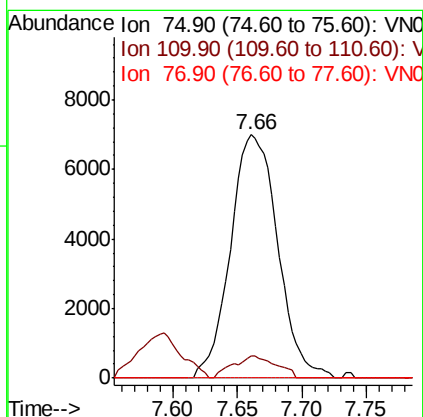
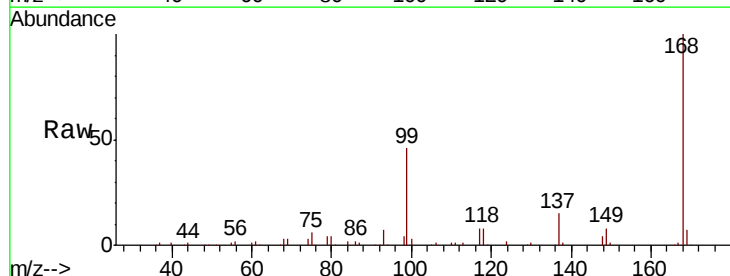
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-SW4003-20190610

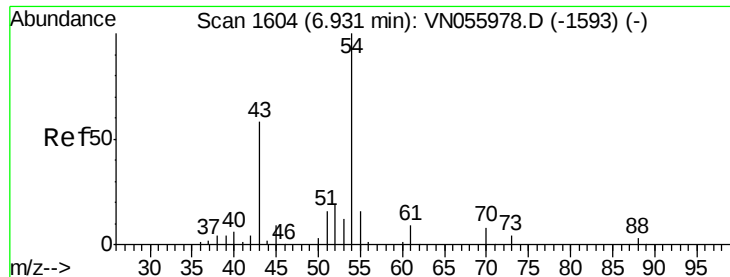
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.9	122.9
192	24.4	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.392 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN056229.D
 Acq: 11 Jun 2019 17:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.0	57.0#
77	0.0	25.1	37.7#

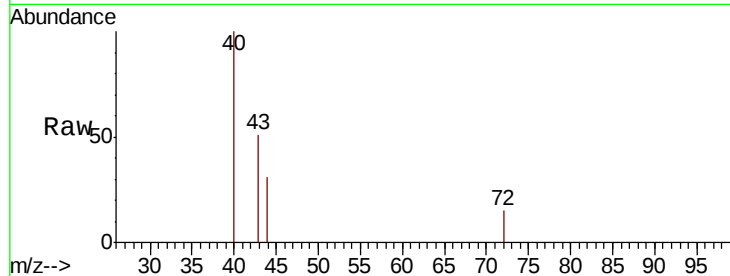




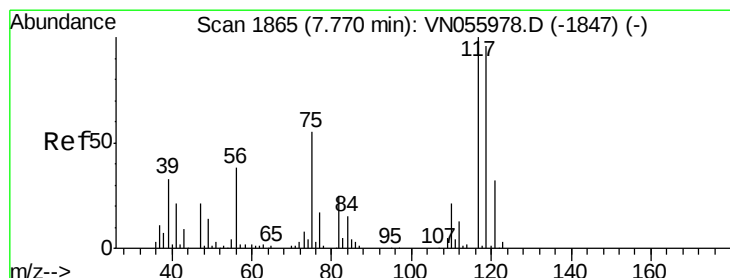
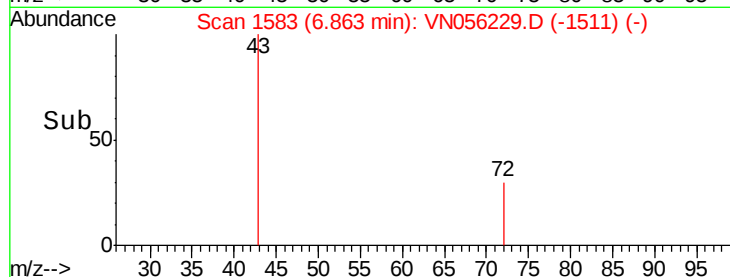
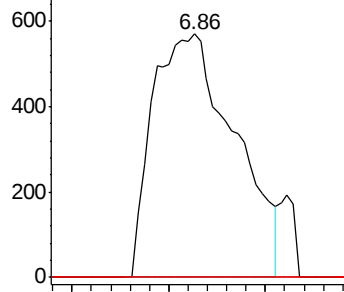
#37
Ethyl Acetate
Concen: 0.465 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. -0.07 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-SW4003-20190610

Tot Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.2#
70 0.0 8.9 13.3#

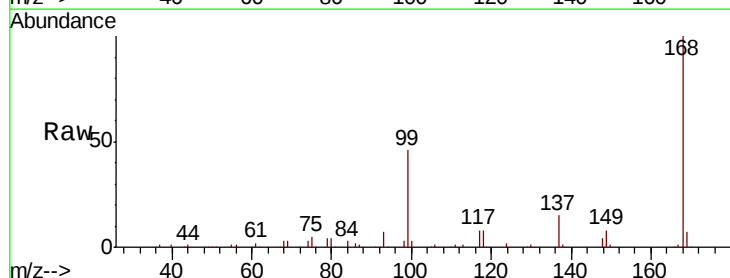


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

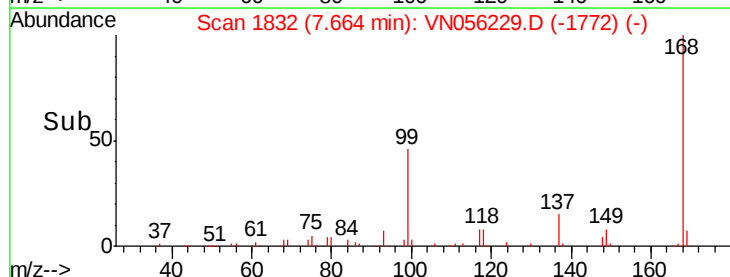
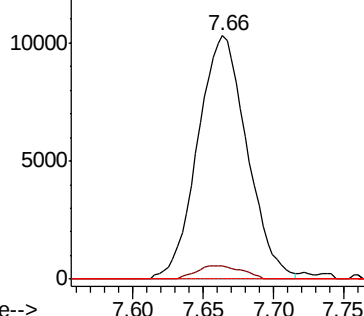


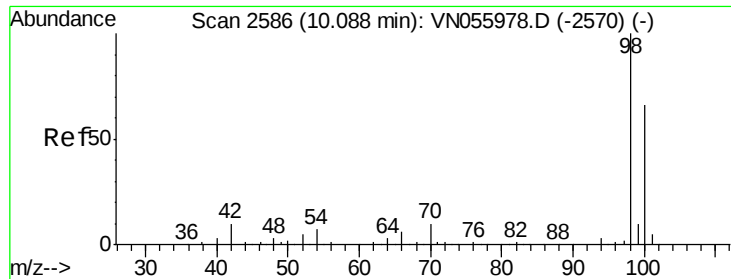
#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

Tgt Ion: 117 Resp: 25135
Ion Ratio Lower Upper
117 100
119 5.3 79.0 118.6#
121 0.0 24.7 37.1#



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: 54.684 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

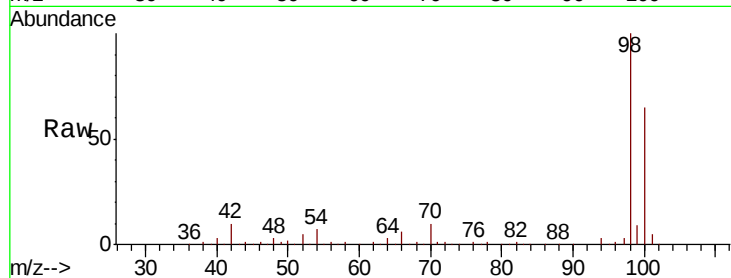
BP-TT-SW4003-20190610

Tot Ion: 98 Resp: 610503

Ion Ratio Lower Upper

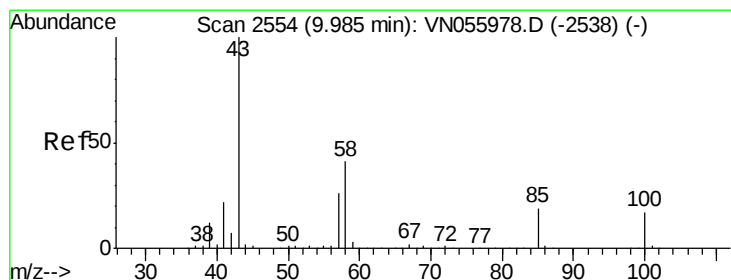
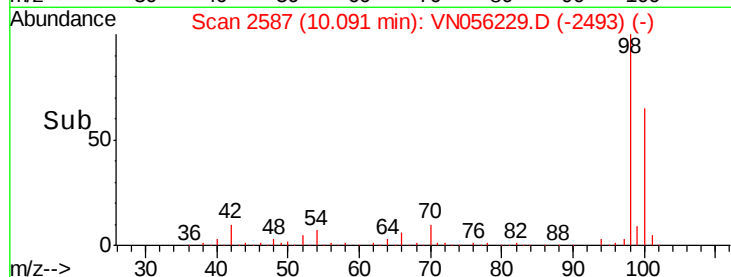
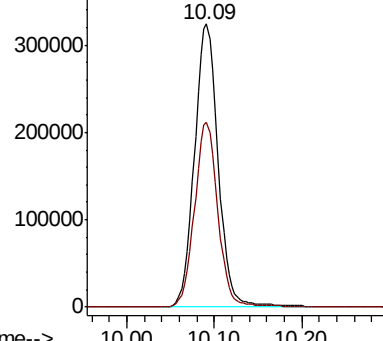
98 100

100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.516 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056229.D

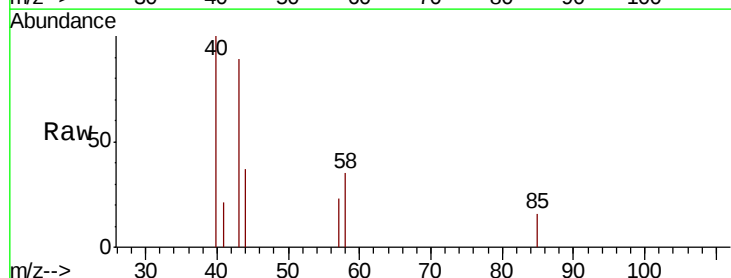
Acq: 11 Jun 2019 17:43

Tgt Ion: 43 Resp: 1892

Ion Ratio Lower Upper

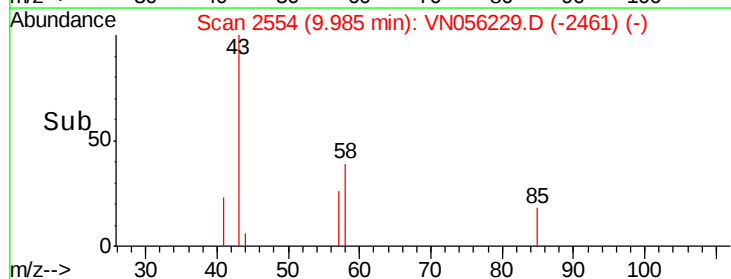
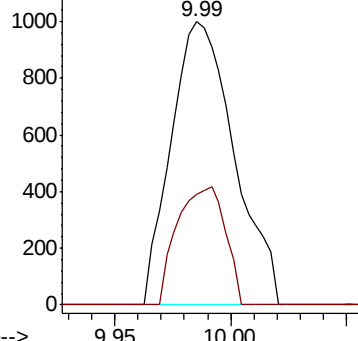
43 100

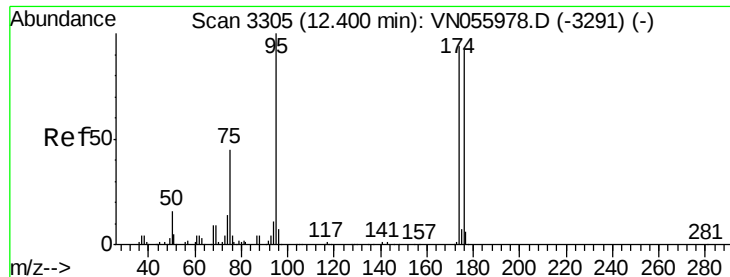
58 31.7 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 51.597 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-SW4003-20190610

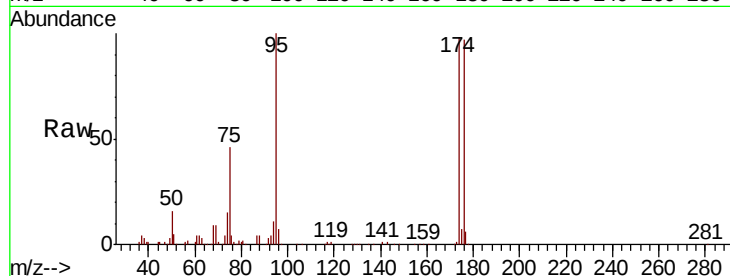
Tot Ion: 95 Resp: 195899

Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

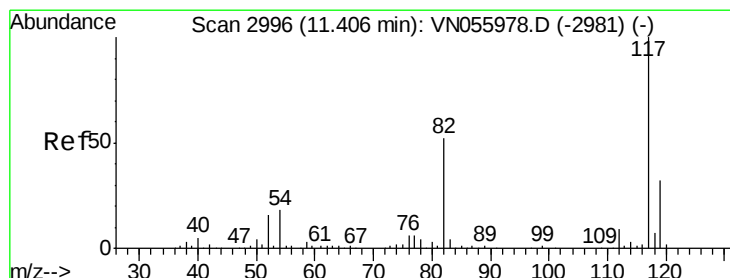
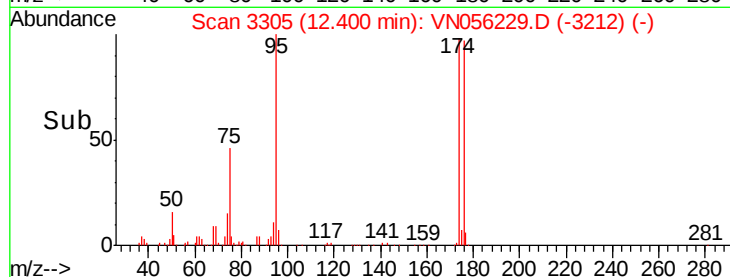
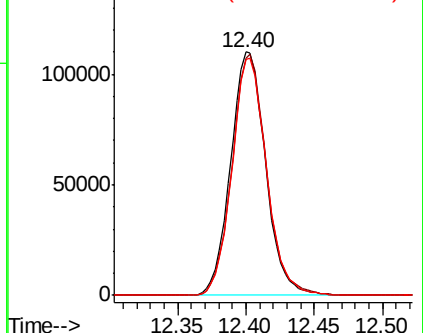
176 96.3 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN056229.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056229.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056229.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

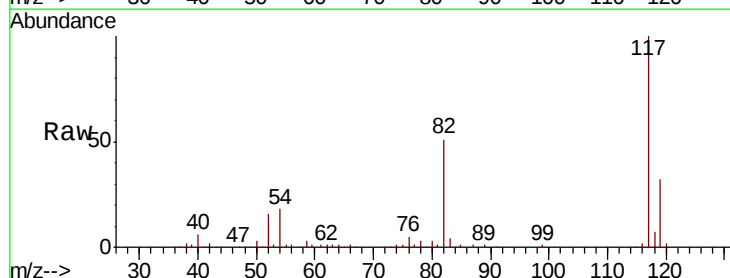
Tgt Ion: 117 Resp: 468745

Ion Ratio Lower Upper

117 100

82 51.2 41.8 62.8

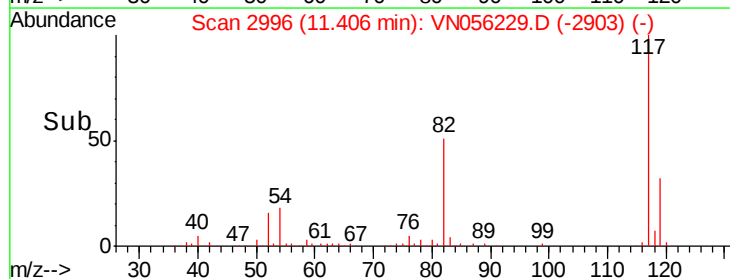
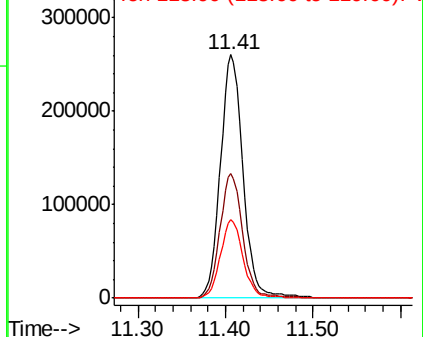
119 32.3 25.4 38.0

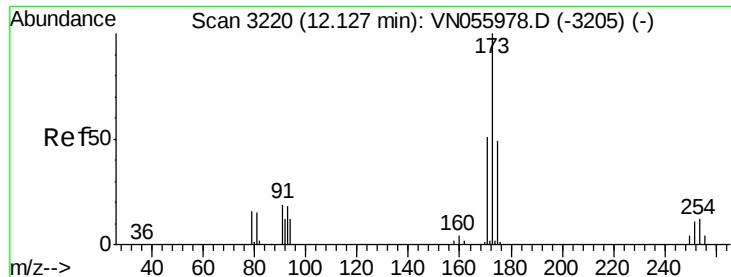


Abundance Ion 116.90 (116.60 to 117.60): VN056229.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056229.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056229.D (-2903) (-)

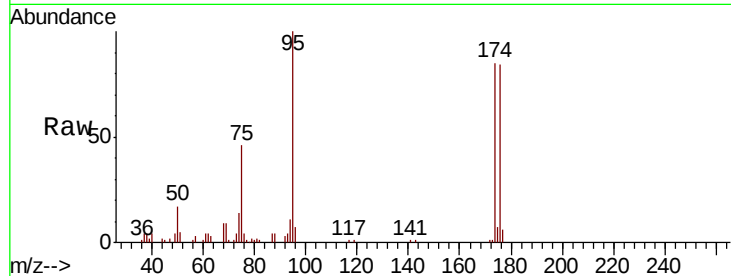




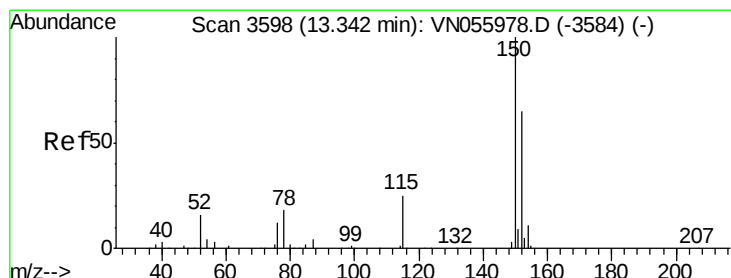
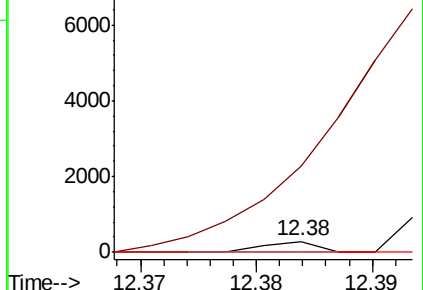
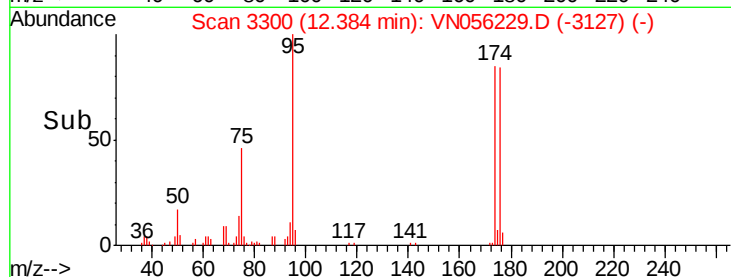
#71
Bromoform
Concen: 2.774 ug/l
RT: 12.38 min Scan# 3300
Delta R.T. 0.26 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

Instrument :
MSVOA_N
ClientSampleId :
BP-TT-SW4003-20190610

Tot Ion:173 Resp: 91
Ion Ratio Lower Upper
173 100
175 0.0 24.3 72.8#
254 0.0 0.0 0.0

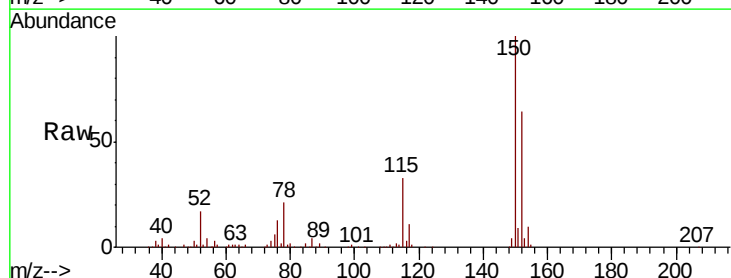


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

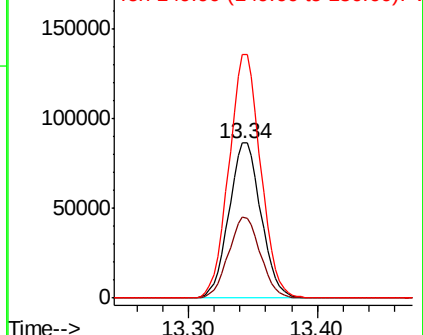
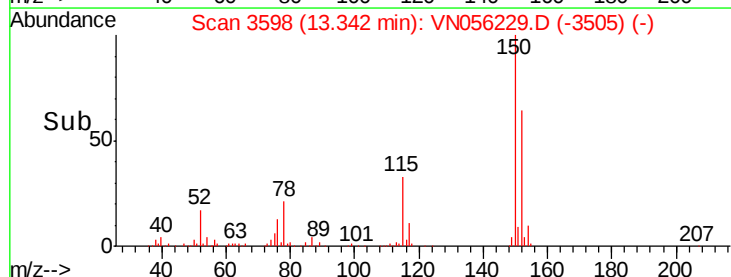


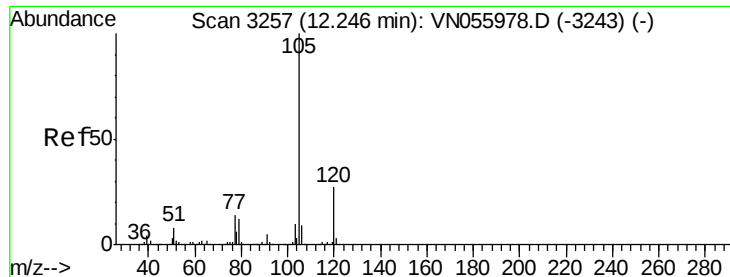
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056229.D
Acq: 11 Jun 2019 17:43

Tgt Ion:152 Resp: 149302
Ion Ratio Lower Upper
152 100
115 51.8 27.0 81.0
150 154.8 0.0 343.2



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. 0.16 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

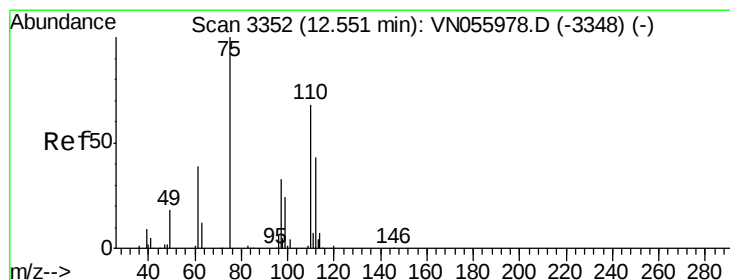
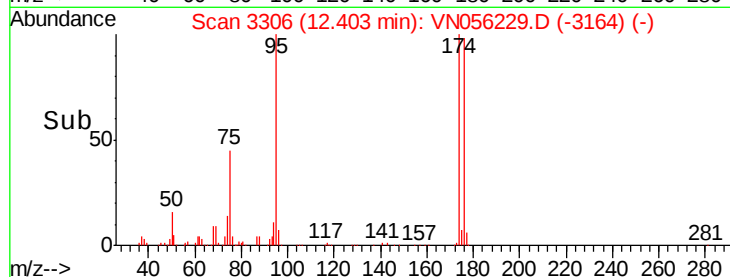
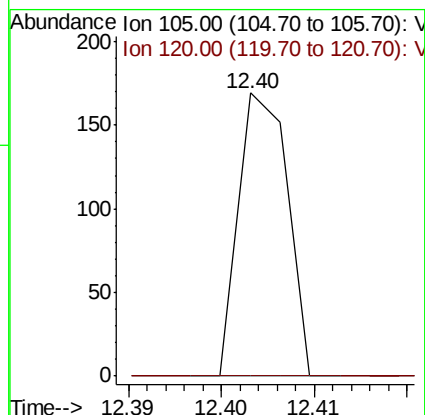
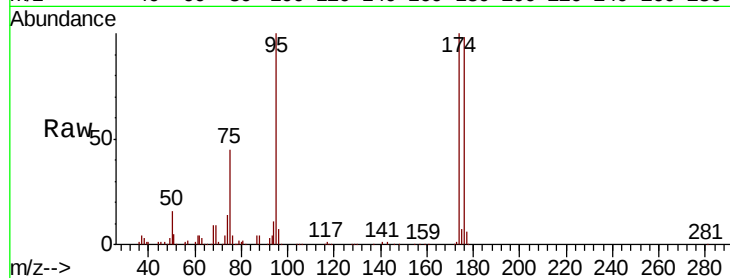
BP-TT-SW4003-20190610

Tot Ion: 105 Resp: 62

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 32.669 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056229.D

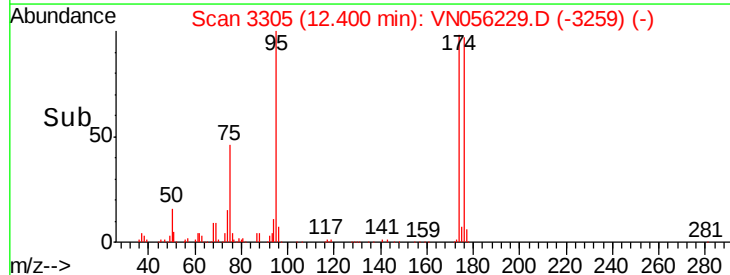
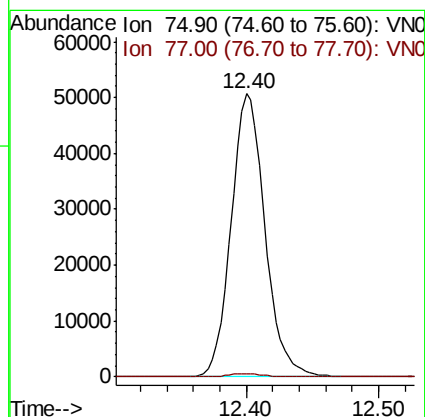
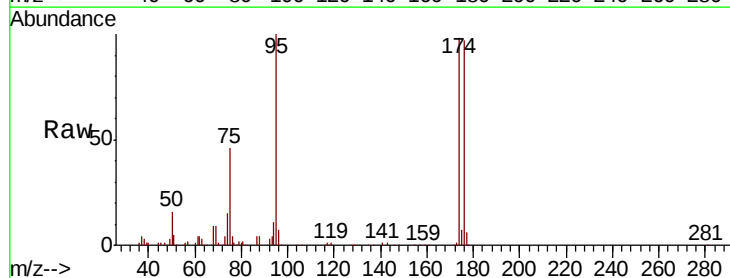
Acq: 11 Jun 2019 17:43

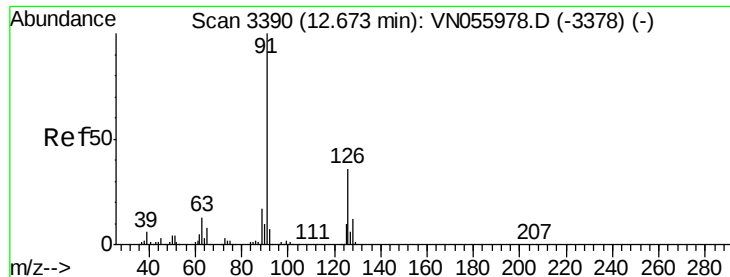
Tgt Ion: 75 Resp: 89750

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.28 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

Instrument :

MSVOA_N

ClientSampleId :

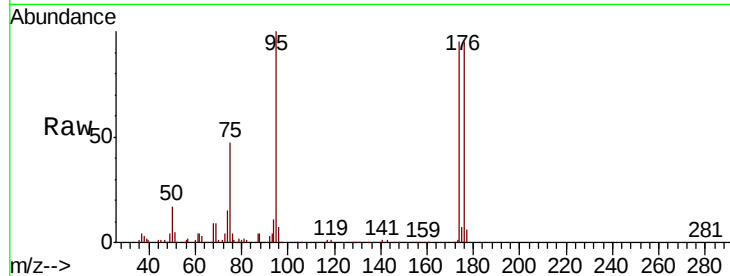
BP-TT-SW4003-20190610

Tot Ion: 91 Resp: 538

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.40

400

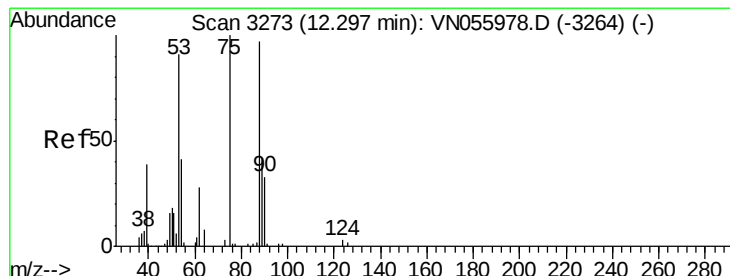
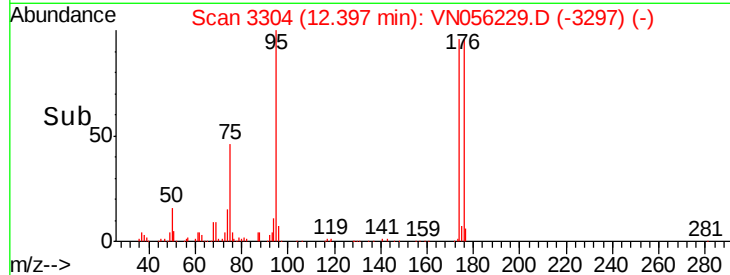
300

200

100

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 108.795 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056229.D

Acq: 11 Jun 2019 17:43

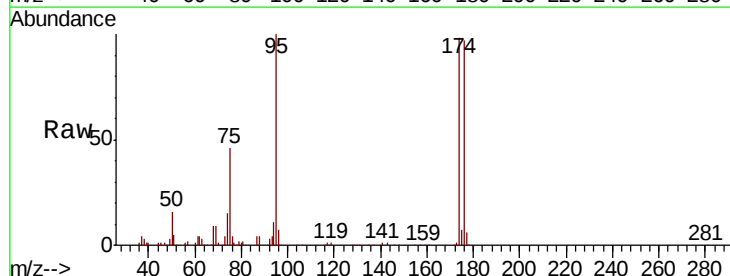
Tgt Ion: 75 Resp: 89750

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

60000

40000

20000

0

Time-->

