

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054827.D
 Acq On : 31 Mar 2019 3:04
 Operator : JC/SP
 Sample : K2164-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Mar 31 04:44:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	523257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	861701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	704933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	241902	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	351396	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
35) Dibromofluoromethane	7.59	113	277315	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	10.09	98	1020426	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.40	95	298438	42.01	ug/l	0.00
Spiked Amount			Recovery	=	84.02%	

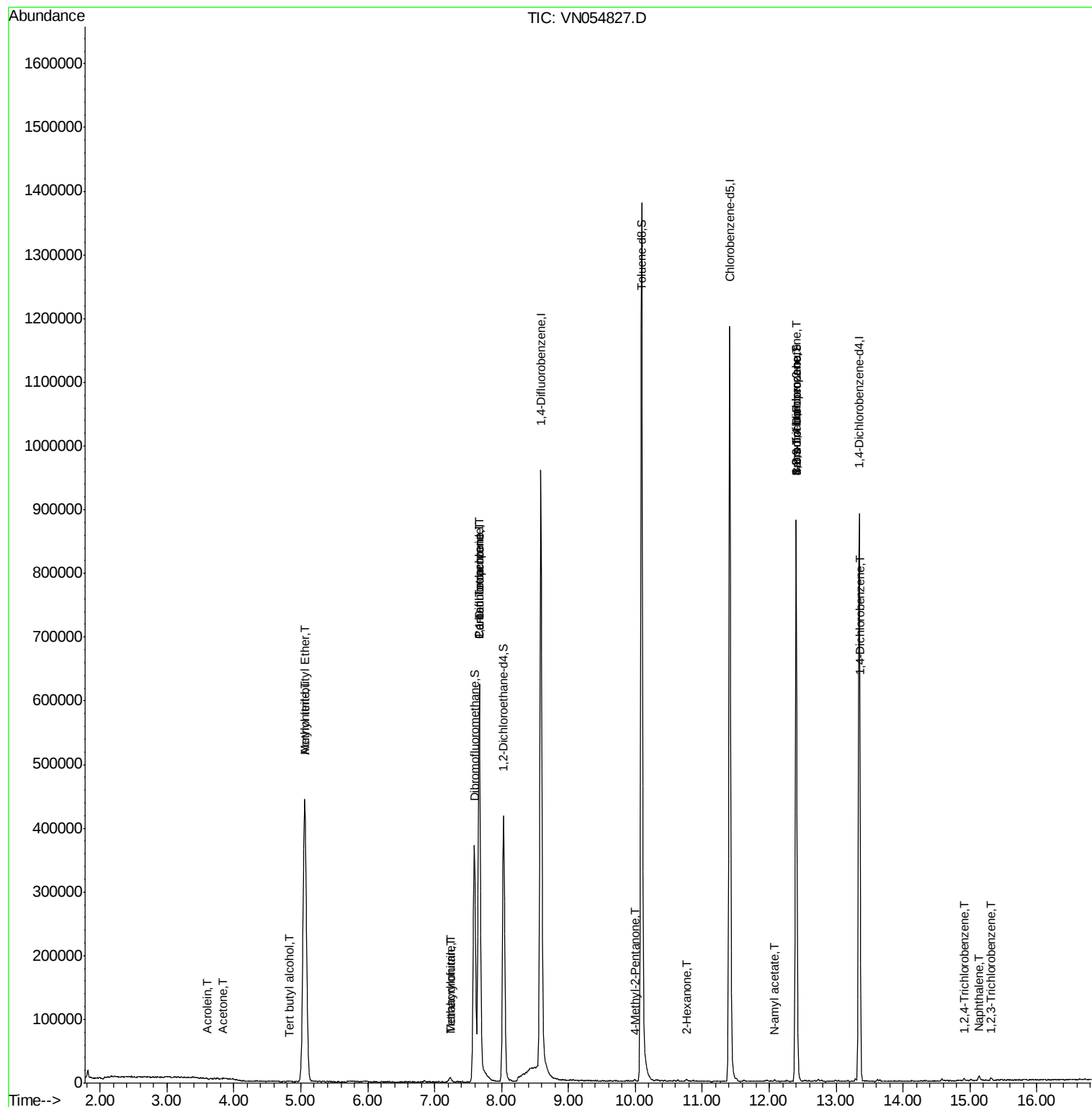
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.58	94	367	Below Cal	#	40
11) Tert butyl alcohol	4.82	59	431	1.173	ug/l #	70
13) Acrolein	3.60	56	158	0.481	ug/l #	1
15) Acrylonitrile	5.06	53	9500	4.651	ug/l #	24
16) Acetone	3.83	43	477	0.284	ug/l #	38
18) Methyl Acetate	4.33	43	899	Below Cal	#	56
19) Methyl tert-butyl Ether	5.06	73	706234	49.086	ug/l	94
29) Tetrahydrofuran	7.23	42	6091	3.527	ug/l #	77
31) Cyclohexane	7.67	56	12008	Below Cal	#	29
36) 1,1-Dichloropropene	7.66	75	39645	4.937	ug/l #	42
38) Carbon Tetrachloride	7.67	117	48895	6.270	ug/l #	16
41) Methacrylonitrile	7.23	41	4022	1.216	ug/l #	32
51) 4-Methyl-2-Pentanone	10.00	43	2151	0.400	ug/l	95
59) 2-Hexanone	10.76	43	2633	0.765	ug/l	86
71) Bromoform	12.40	173	1969	0.651	ug/l #	1
74) N-amyl acetate	12.08	43	1711	0.278	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.50	83	333	Below Cal	#	78
76) 1,2,3-Trichloropropane	12.40	75	158153	37.634	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	158153	146.387	ug/l #	11
83) tert-Butylbenzene	12.99	119	1131	Below Cal	#	75
88) 1,4-Dichlorobenzene	13.36	146	1863	0.238	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	1639	0.422	ug/l	95
94) Hexachlorobutadiene	15.01	225	361	Below Cal	#	59
95) Naphthalene	15.13	128	5831	0.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2010	0.512	ug/l #	69

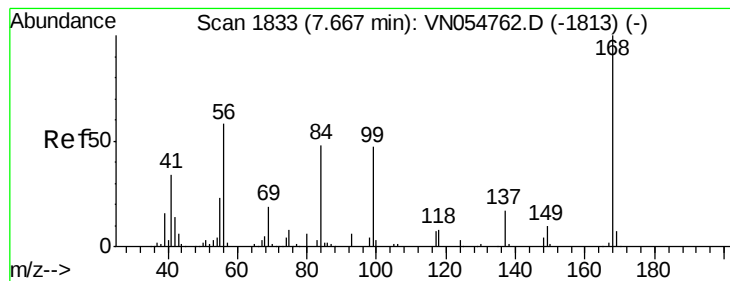
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033019\
Data File : VN054827.D
Acq On : 31 Mar 2019 3:04
Operator : JC/SP
Sample : K2164-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: Mar 31 04:44:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

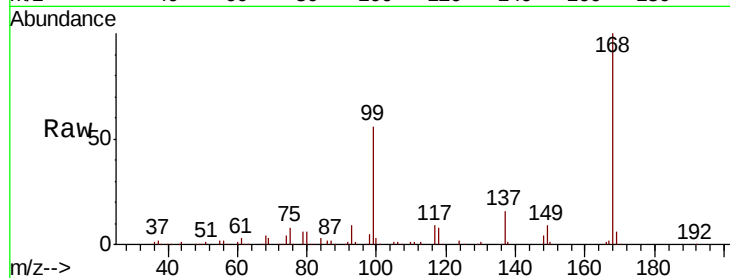
MW-4

Tot Ion:168 Resp: 523257

Ion Ratio Lower Upper

168 100

99 55.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

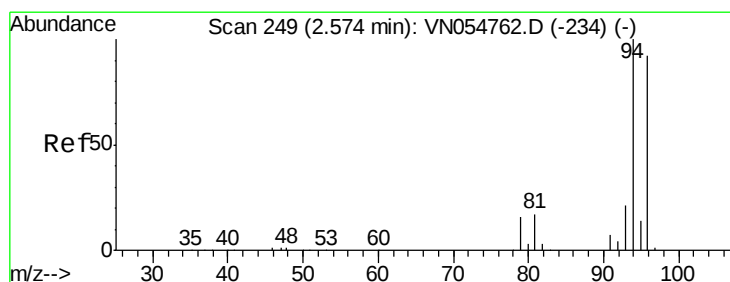
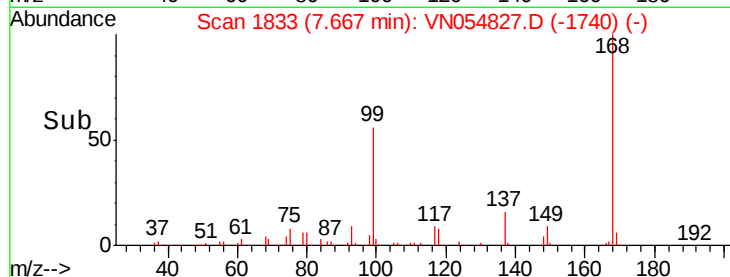
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN054827.D

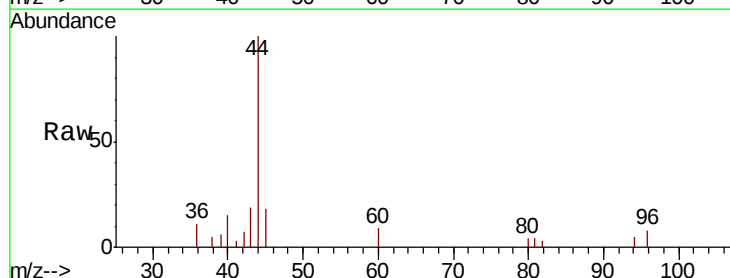
Acq: 31 Mar 2019 3:04

Tgt Ion: 94 Resp: 367

Ion Ratio Lower Upper

94 100

96 154.8 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.58

400

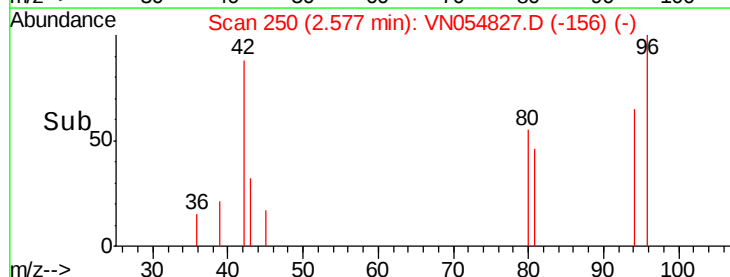
300

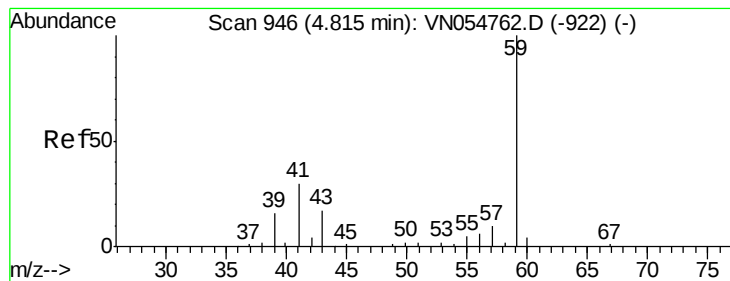
200

100

0

Time-->



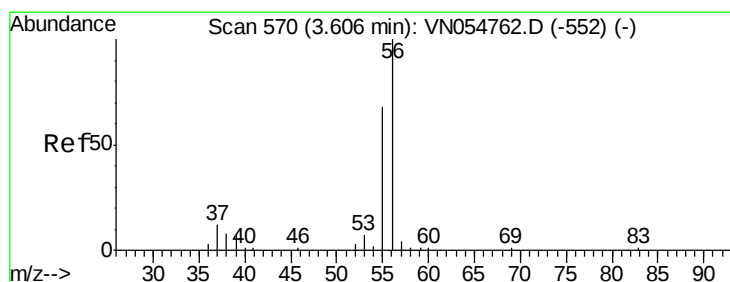
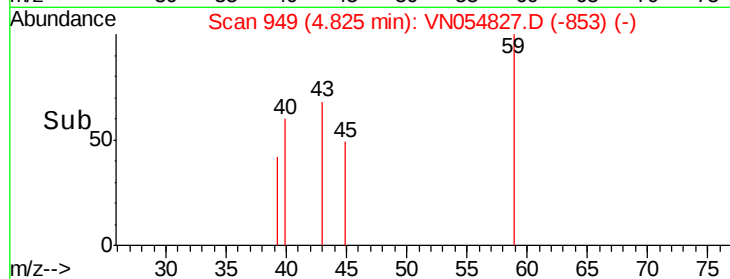
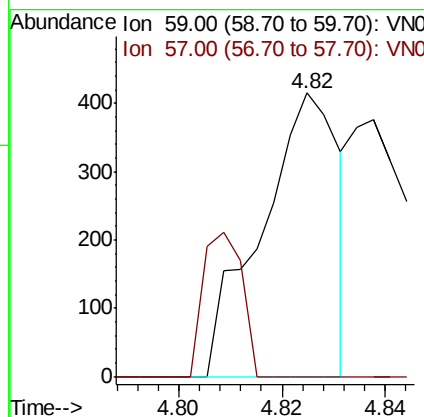
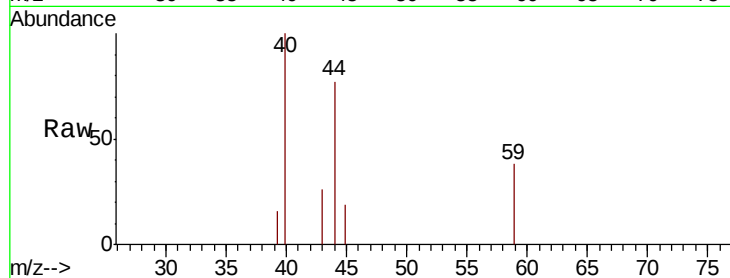


#11

Tert butyl alcohol
 Concen: 1.173 ug/l
 RT: 4.82 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

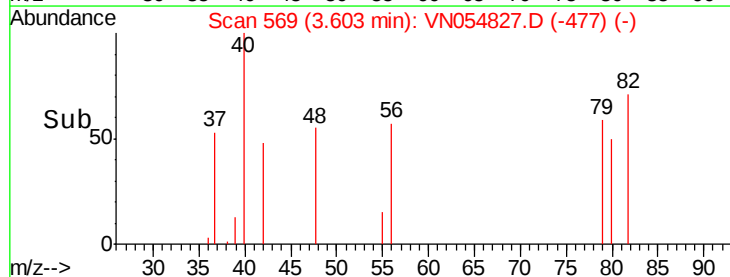
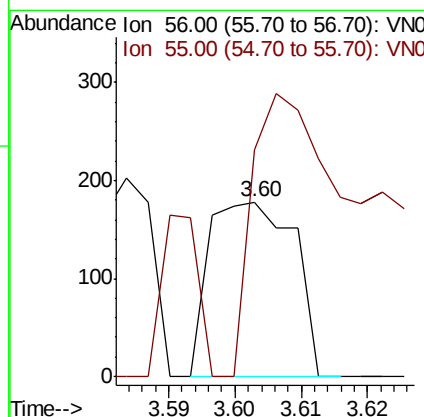
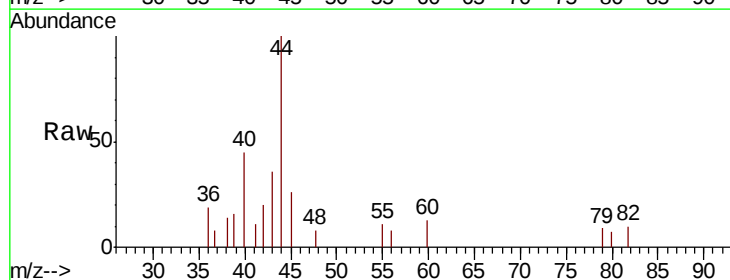
Tot Ion: 59 Resp: 431
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.6#

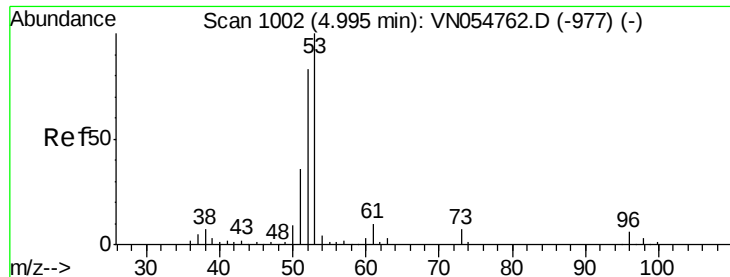


#13

Acrolein
 Concen: 0.481 ug/l
 RT: 3.60 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Tgt Ion: 56 Resp: 158
 Ion Ratio Lower Upper
 56 100
 55 211.4 56.7 85.1#





#15

Acrylonitrile

Concen: 4.651 ug/l

RT: 5.06 min Scan# 1021

Delta R.T. 0.06 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

MW-4

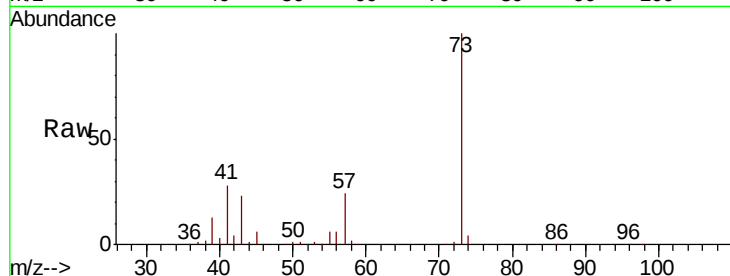
Tot Ion: 53 Resp: 9500

Ion Ratio Lower Upper

53 100

52 14.5 66.4 99.6#

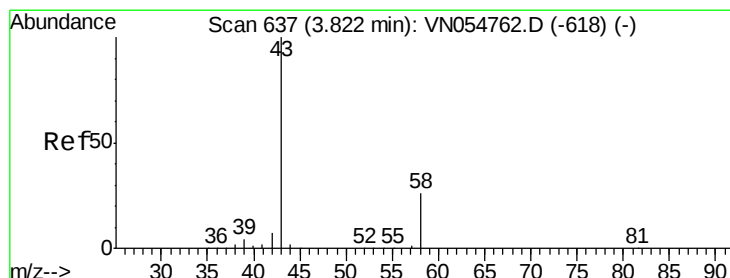
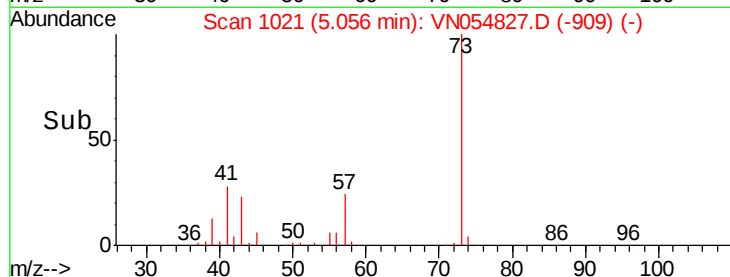
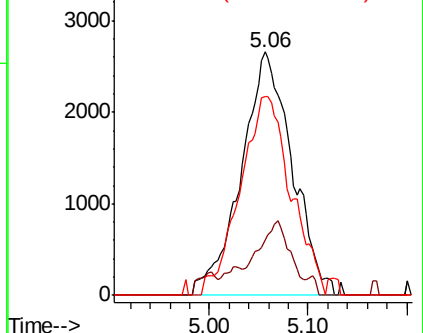
51 81.5 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 0.284 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054827.D

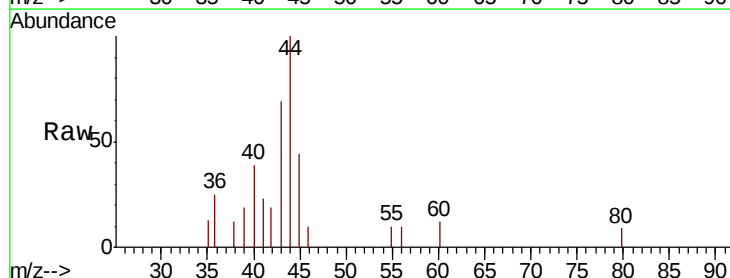
Acq: 31 Mar 2019 3:04

Tgt Ion: 43 Resp: 477

Ion Ratio Lower Upper

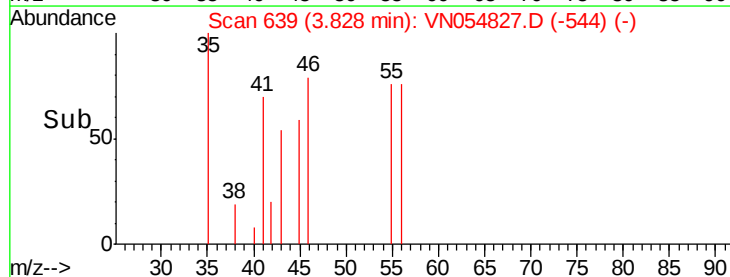
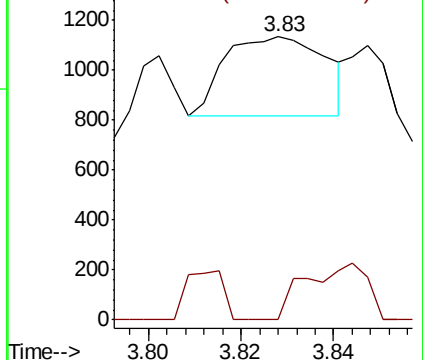
43 100

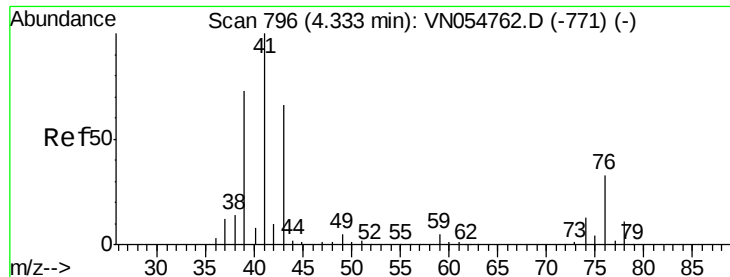
58 0.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

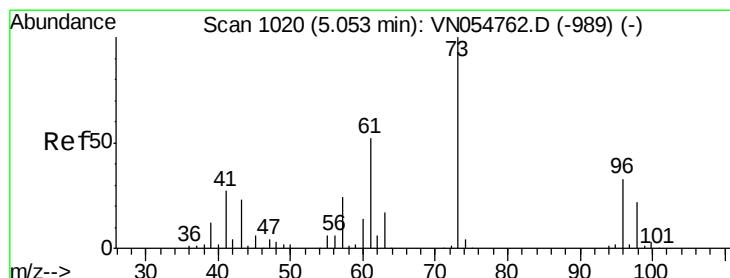
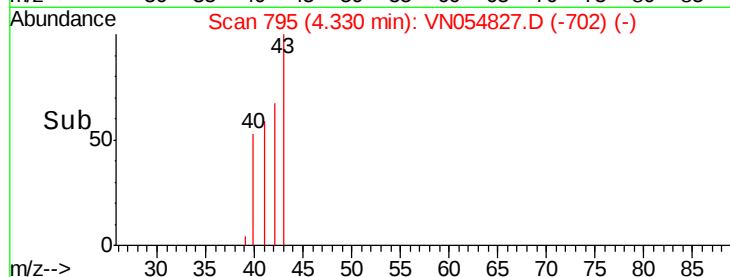
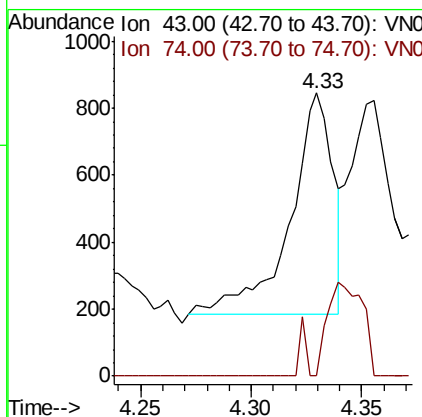
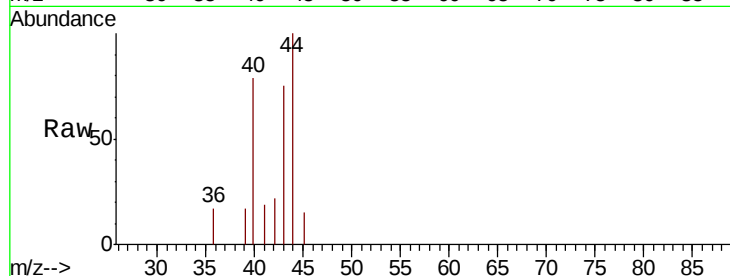




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

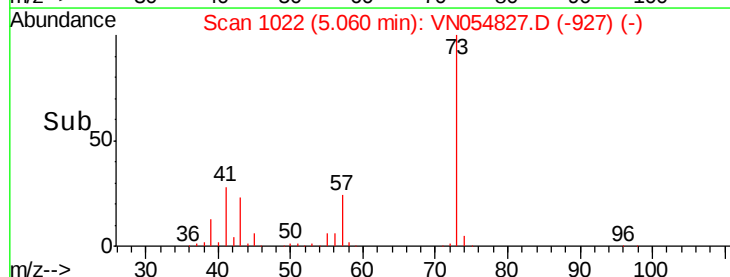
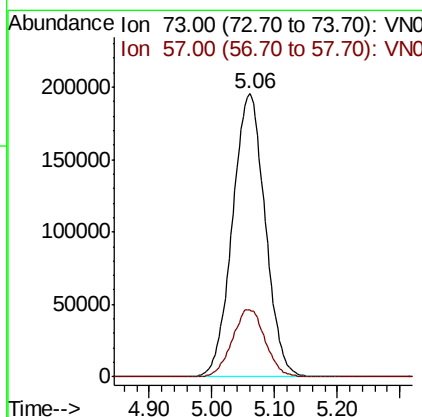
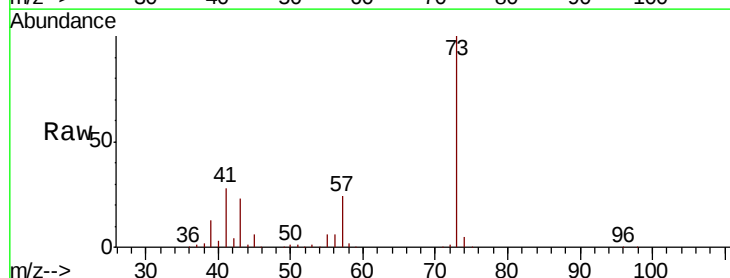
Instrument :
MSVOA_N
ClientSampled :
MW-4

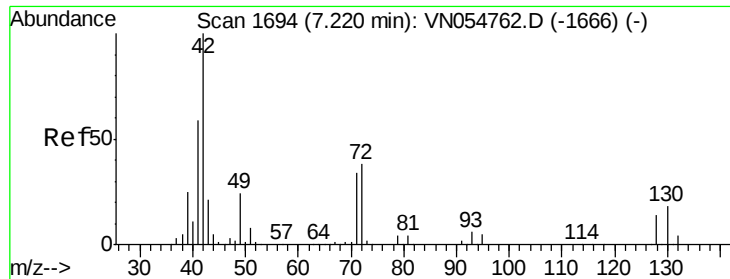
Tot Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
74 3.8 20.8 31.2#



#19
Methyl tert-butyl Ether
Concen: 49.086 ug/l
RT: 5.06 min Scan# 1022
Delta R.T. 0.01 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

Tgt Ion: 73 Resp: 706234
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2





#29

Tetrahydrofuran

Concen: 3.527 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.01 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4

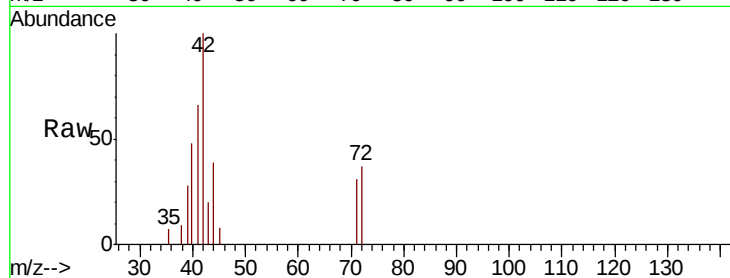
Tot Ion: 42 Resp: 6091

Ion Ratio Lower Upper

42 100

72 32.3 37.8 56.6#

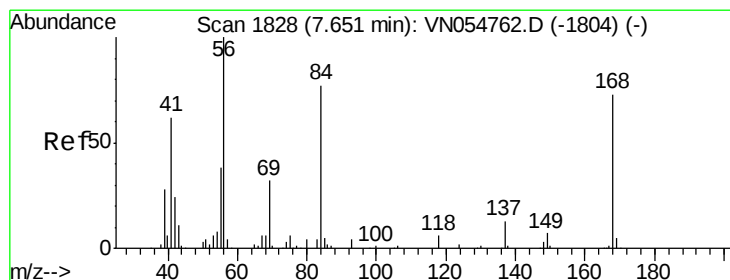
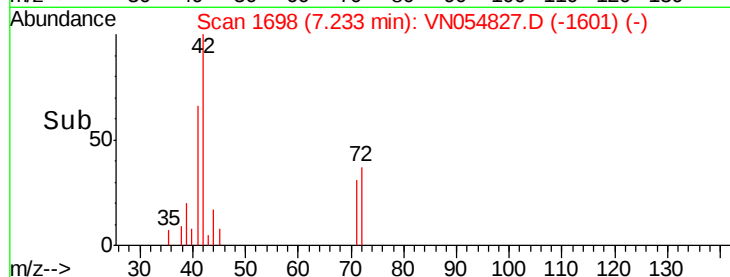
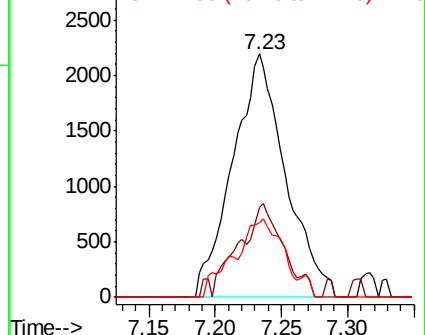
71 29.3 36.2 54.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: Below Cal

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

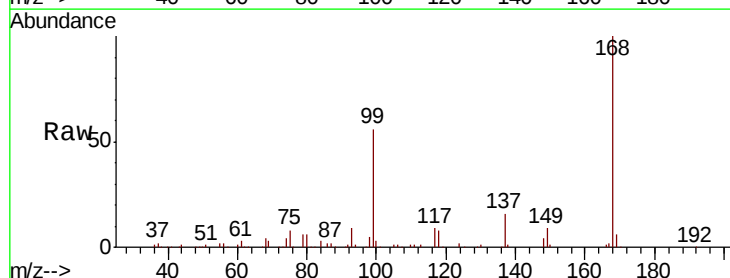
Tgt Ion: 56 Resp: 12008

Ion Ratio Lower Upper

56 100

69 146.9 27.8 41.6#

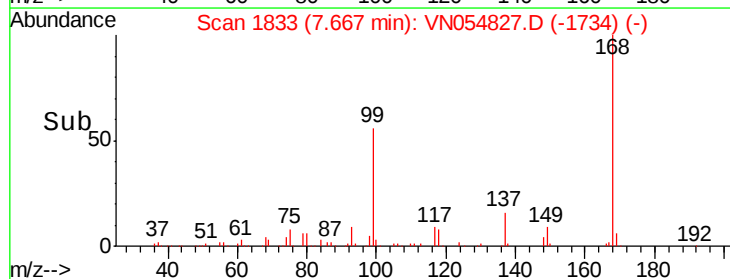
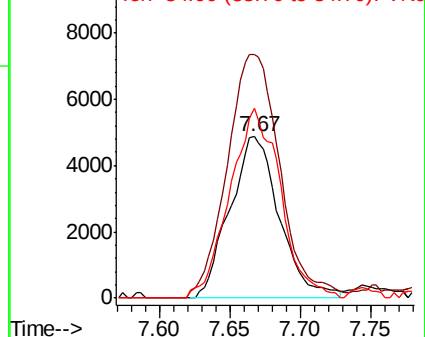
84 117.9 74.6 111.8#

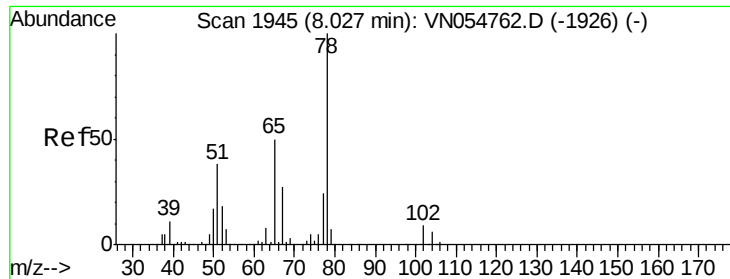


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

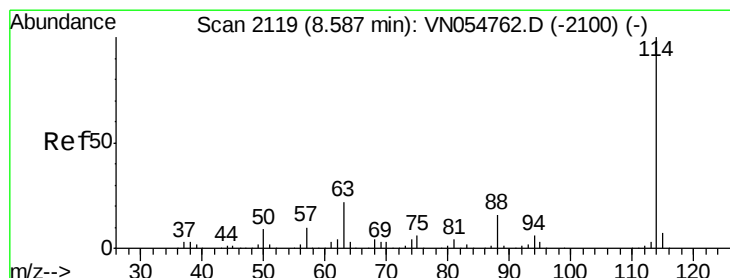
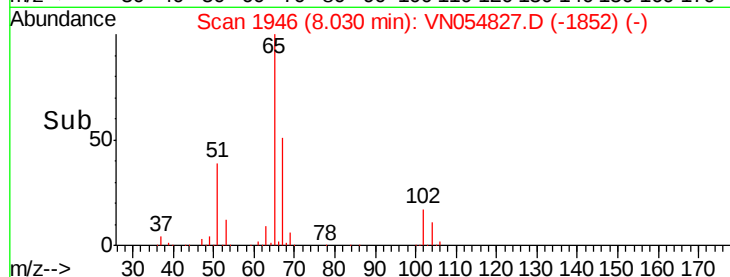
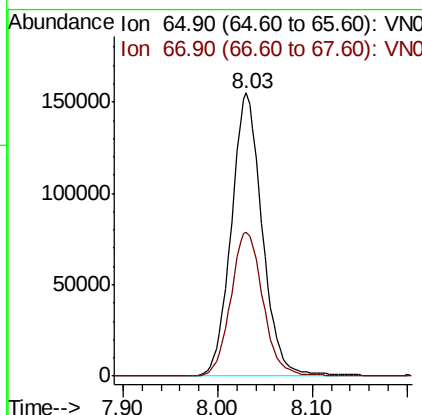
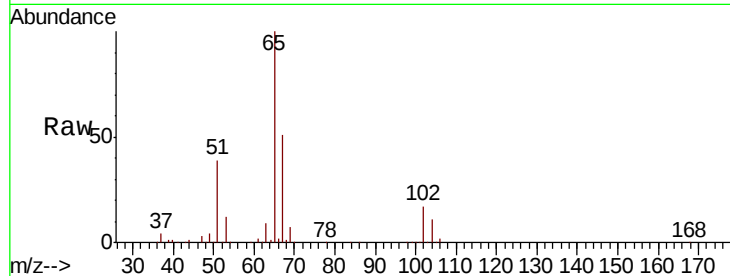




#33
 1,2-Dichloroethane-d4
 Concen: 49.818 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

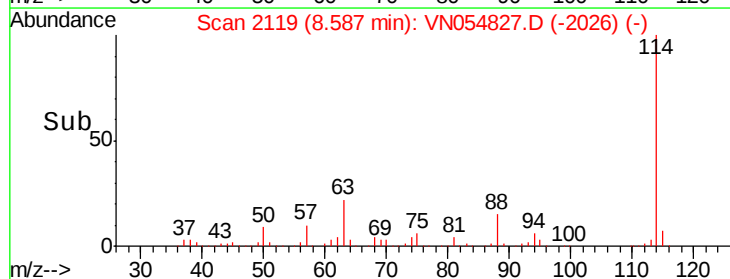
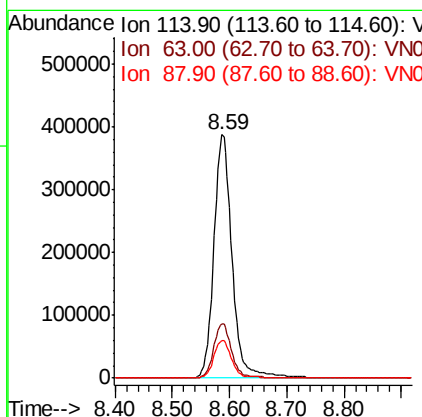
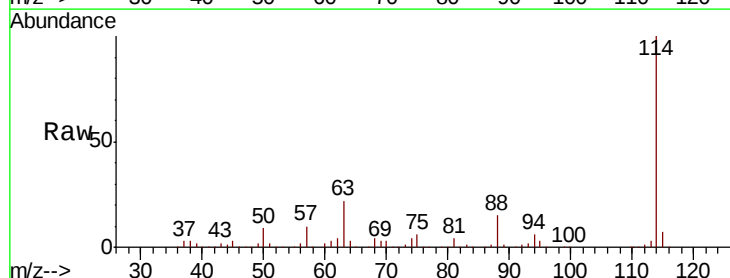
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

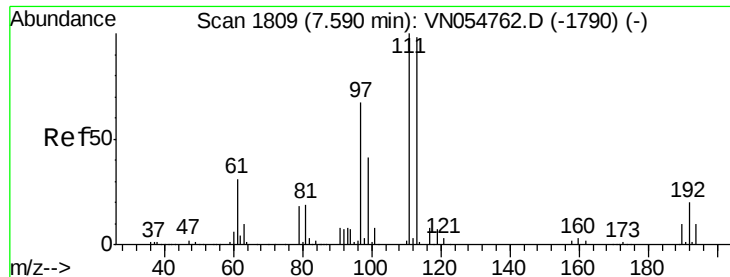
Tot Ion: 65 Resp: 351396
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Tgt Ion: 114 Resp: 861701
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 35.2
 88 15.5 0.0 30.2

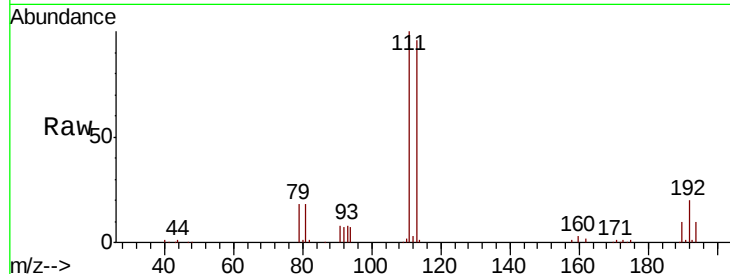




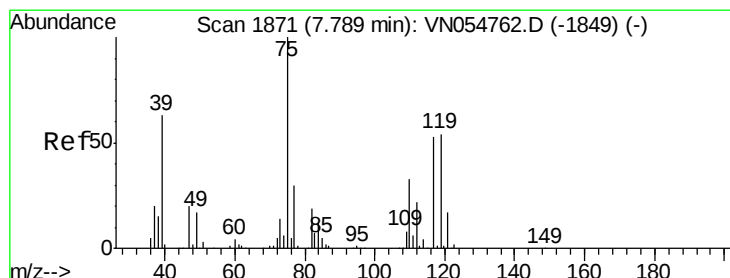
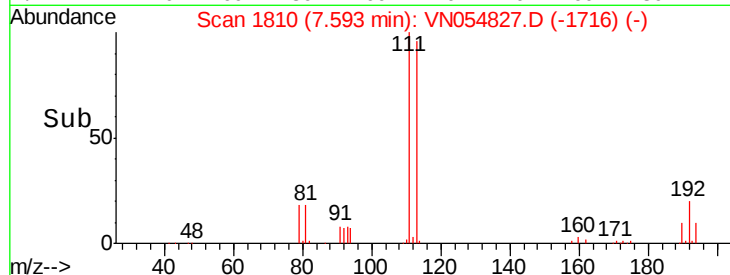
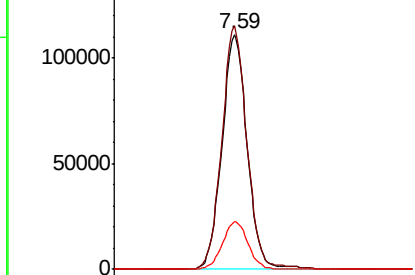
#35
 Dibromofluoromethane
 Concen: 48.272 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	20.4	19.2	28.8

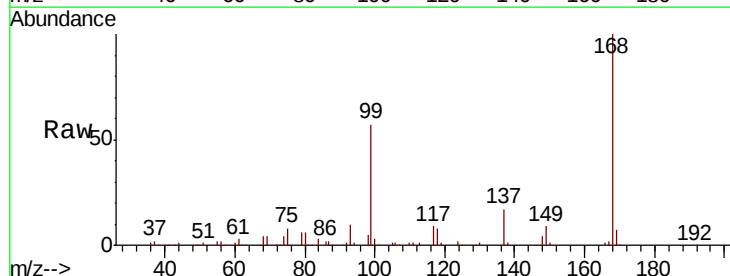


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

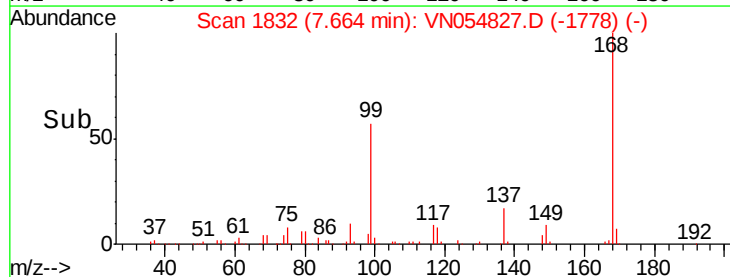
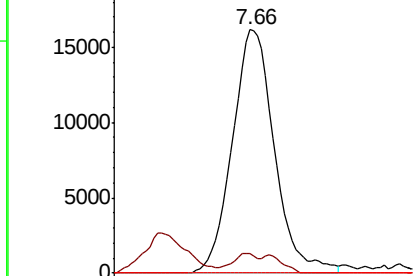


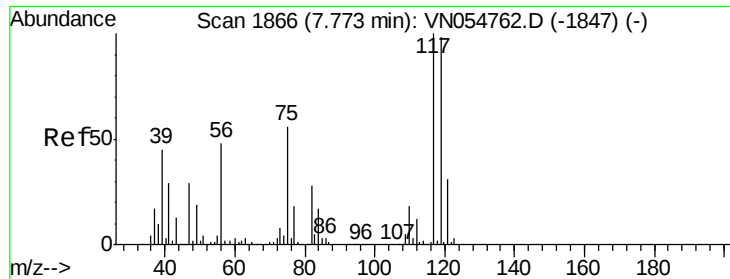
#36
 1,1-Dichloropropene
 Concen: 4.937 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.7	19.1	57.5#
77	0.0	25.0	37.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 6.270 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

MW-4

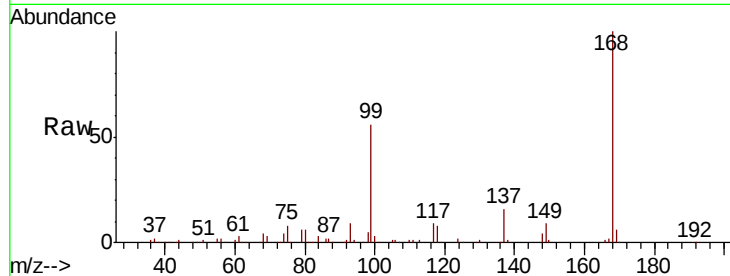
Tot Ion:117 Resp: 48895

Ion Ratio Lower Upper

117 100

119 5.1 76.3 114.5#

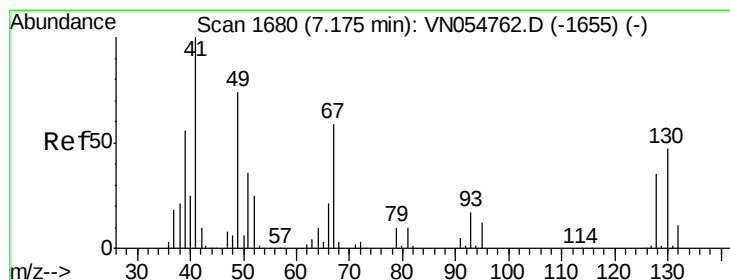
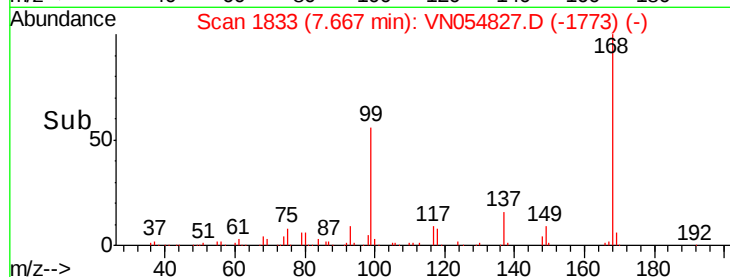
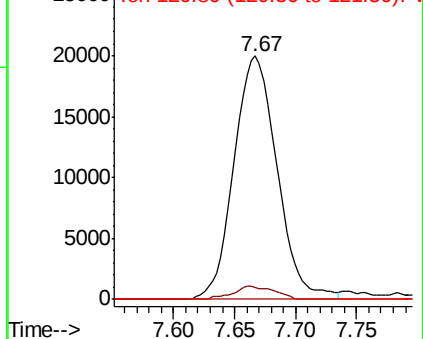
121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: 1.216 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.05 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Tgt Ion: 41 Resp: 4022

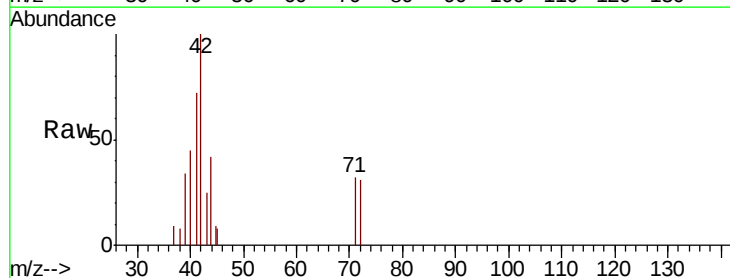
Ion Ratio Lower Upper

41 100

39 29.8 46.8 70.2#

67 0.0 67.0 100.4#

52 0.0 26.5 39.7#

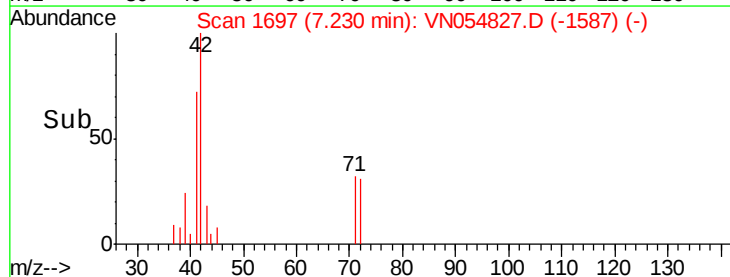
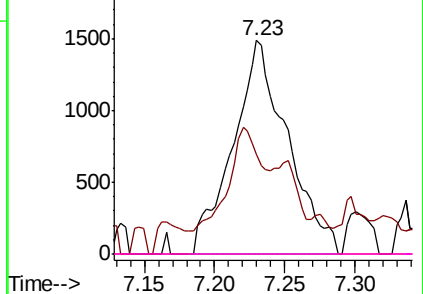


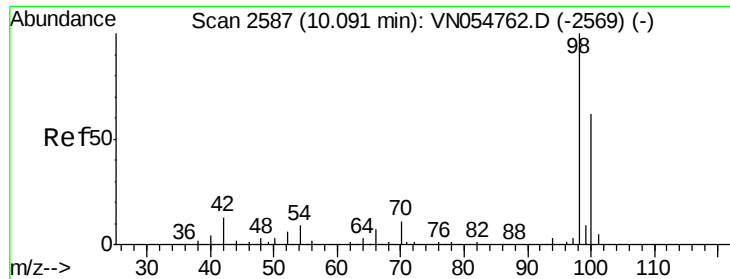
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#50

Toluene-d8

Concen: 47.777 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

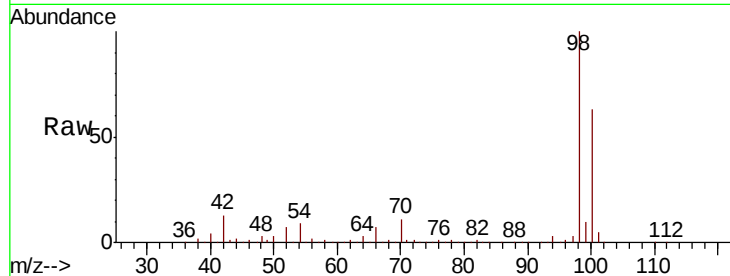
MW-4

Tot Ion: 98 Resp: 1020426

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054827.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054827.D (-2494) (-)

10.09

500000

400000

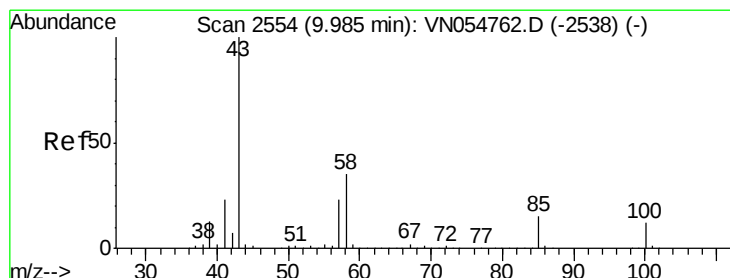
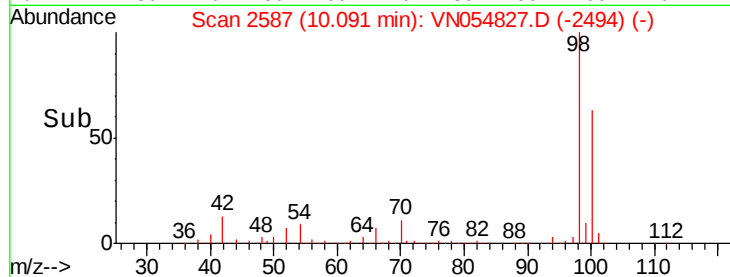
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.400 ug/l

RT: 10.00 min Scan# 2557

Delta R.T. 0.01 min

Lab File: VN054827.D

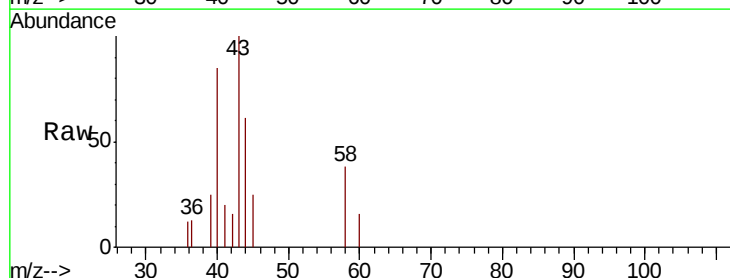
Acq: 31 Mar 2019 3:04

Tgt Ion: 43 Resp: 2151

Ion Ratio Lower Upper

43 100

58 36.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054827.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN054827.D (-2461) (-)

10.00

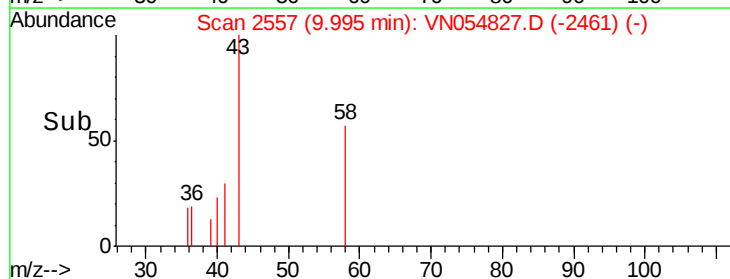
1500

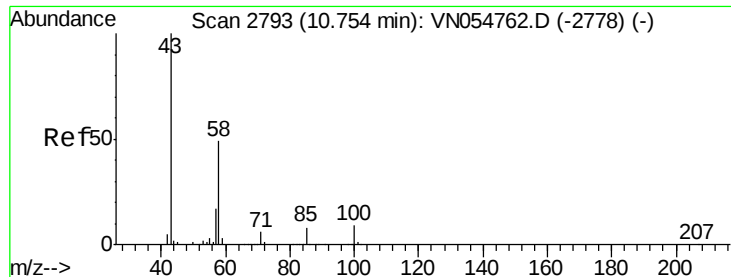
1000

500

0

Time-->

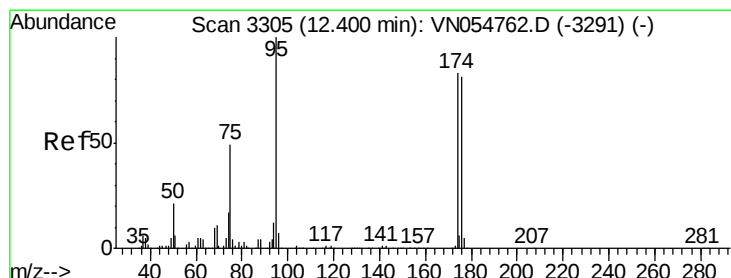
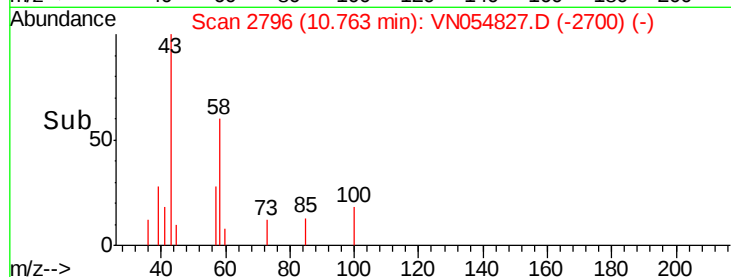
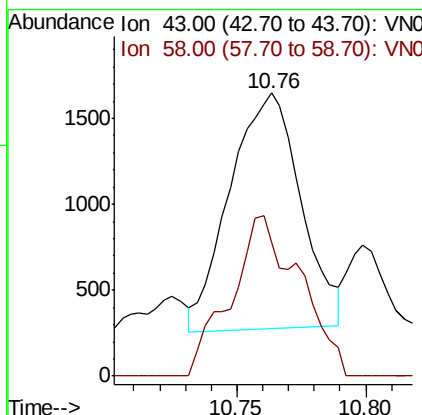
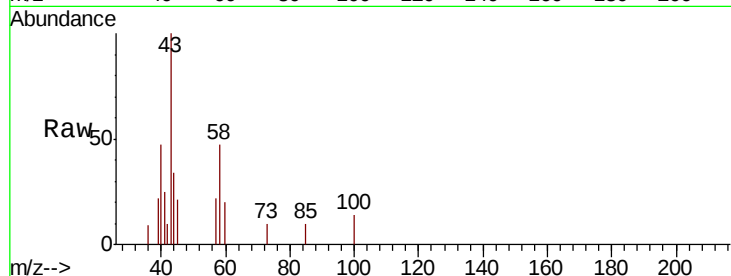




#59
2-Hexanone
Concen: 0.765 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

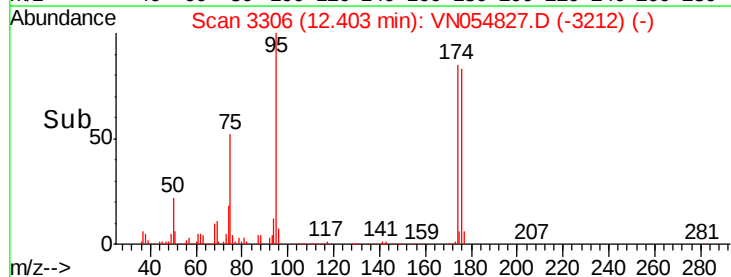
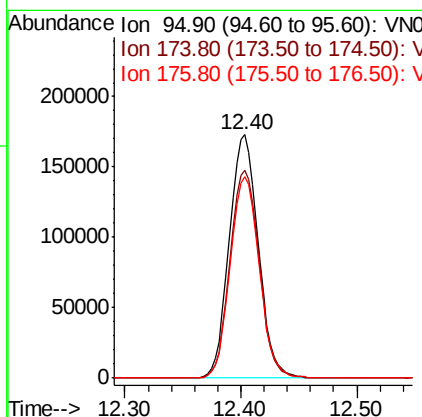
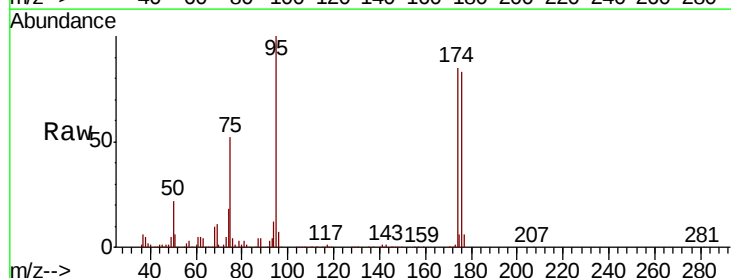
Instrument :
MSVOA_N
ClientSampled :
MW-4

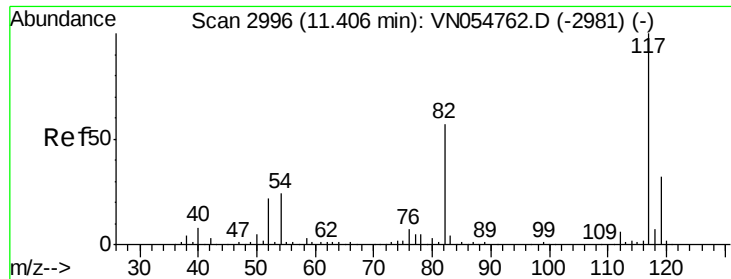
Tot Ion: 43 Resp: 2633
Ion Ratio Lower Upper
43 100
58 66.2 28.0 83.9



#62
4-Bromofluorobenzene
Concen: 42.014 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

Tgt Ion: 95 Resp: 298438
Ion Ratio Lower Upper
95 100
174 86.0 0.0 191.0
176 83.0 0.0 187.4

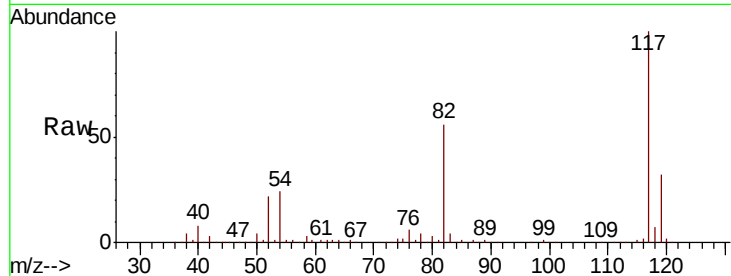




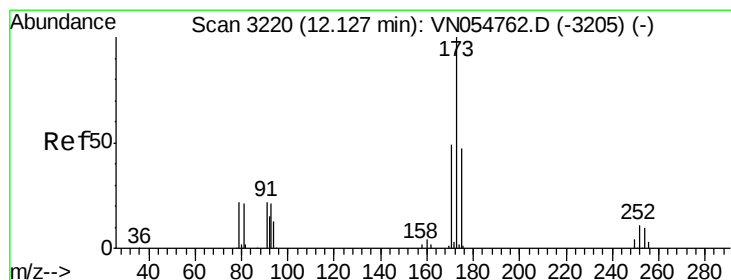
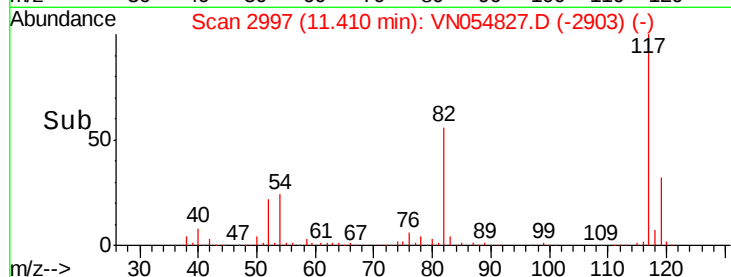
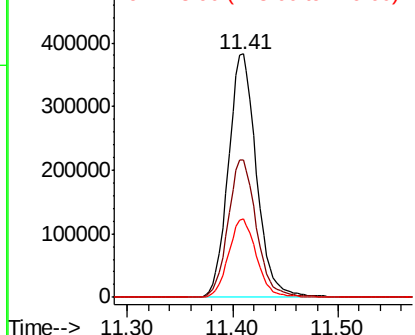
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

Instrument :
MSVOA_N
ClientSampled :
MW-4

Tot Ion:117 Resp: 704933
Ion Ratio Lower Upper
117 100
82 56.2 40.0 60.0
119 32.0 25.8 38.6

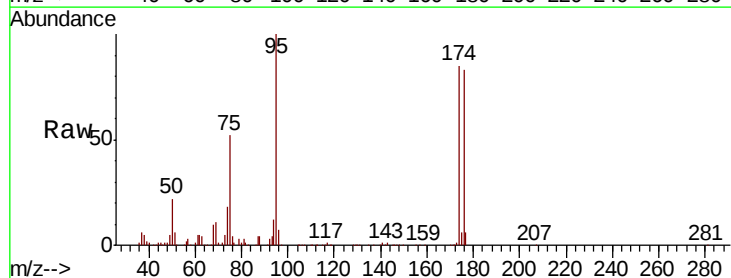


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

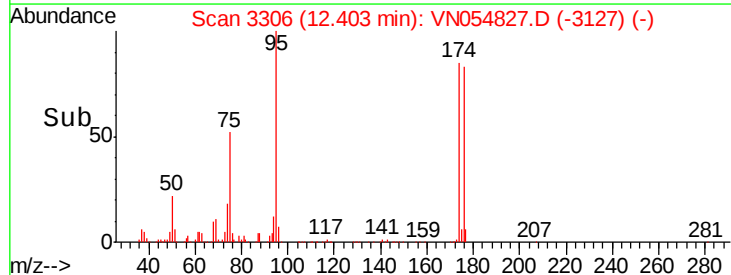
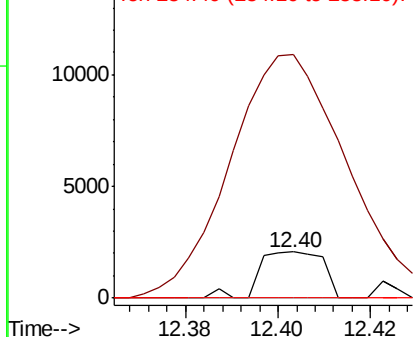


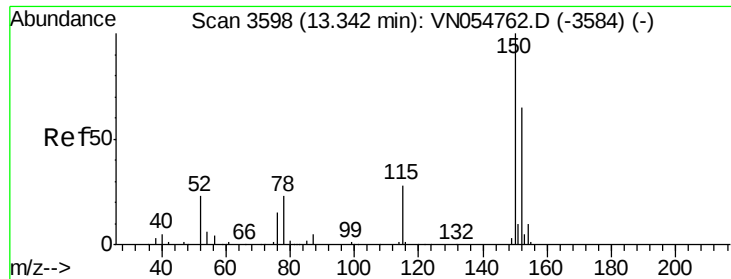
#71
Bromoform
Concen: 0.651 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054827.D
Acq: 31 Mar 2019 3:04

Tgt Ion:173 Resp: 1969
Ion Ratio Lower Upper
173 100
175 816.7 24.4 73.2#
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4

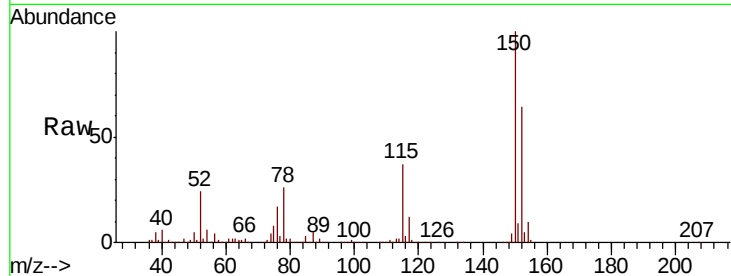
Tot Ion:152 Resp: 241902

Ion Ratio Lower Upper

152 100

115 58.2 27.2 81.6

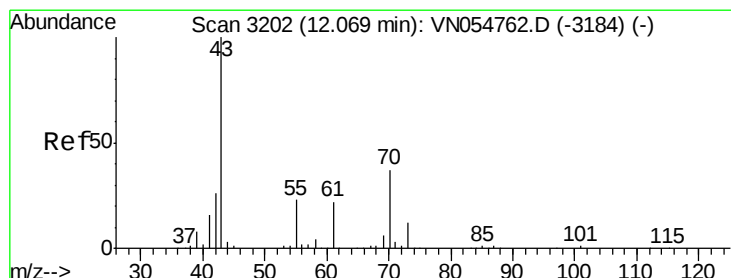
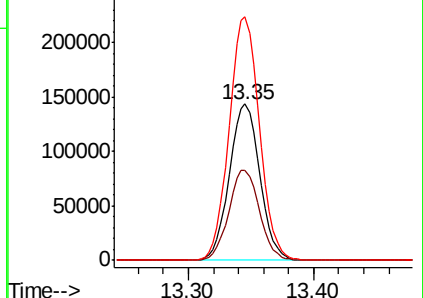
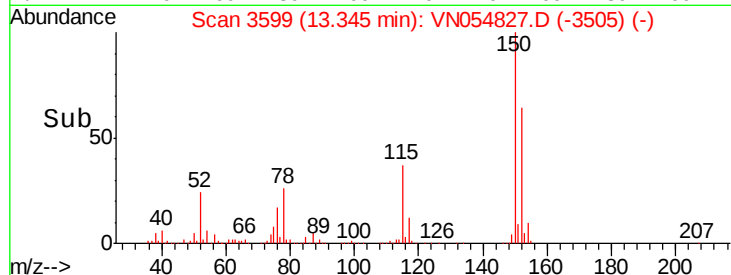
150 154.6 0.0 349.2



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



#74

N-ethyl acetate

Concen: 0.278 ug/l

RT: 12.08 min Scan# 3206

Delta R.T. 0.01 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Tgt Ion: 43 Resp: 1711

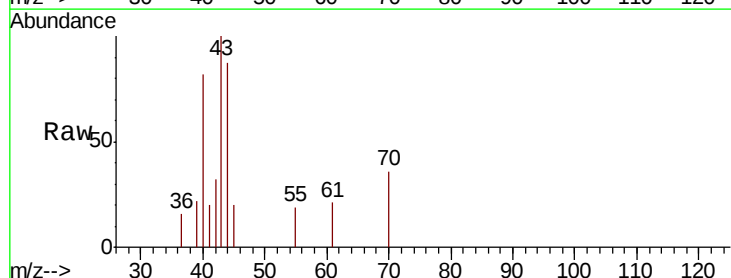
Ion Ratio Lower Upper

43 100

70 31.9 35.4 53.0#

55 17.8 19.8 29.6#

61 20.9 19.8 29.6

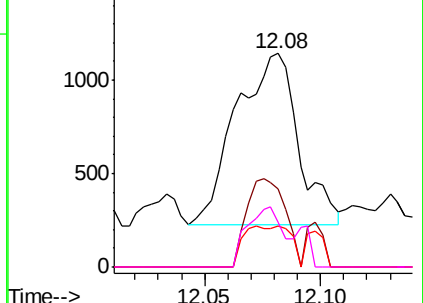
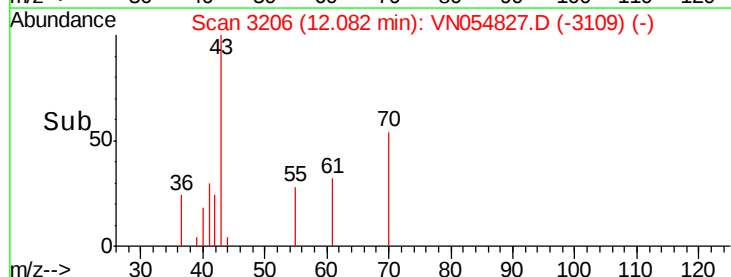


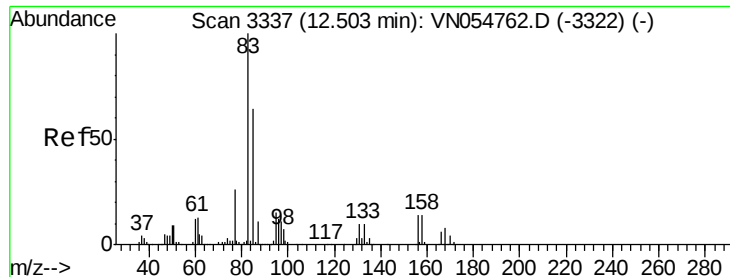
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampleId :

MW-4

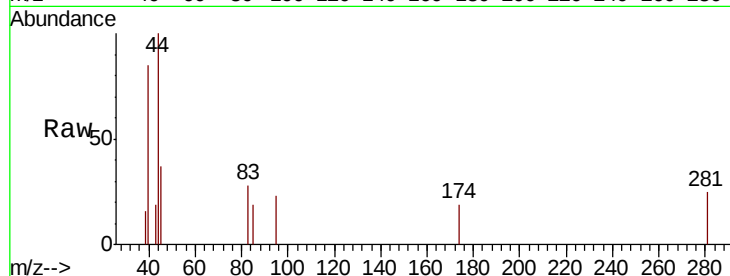
Tot Ion: 83 Resp: 333

Ion Ratio Lower Upper

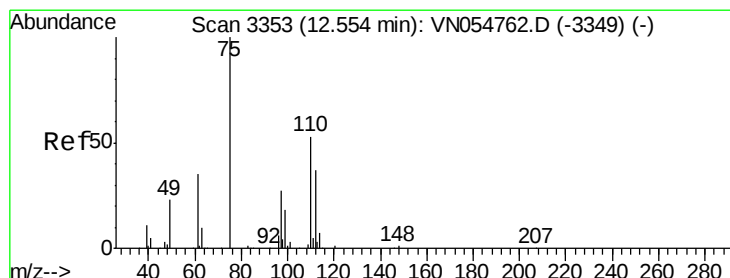
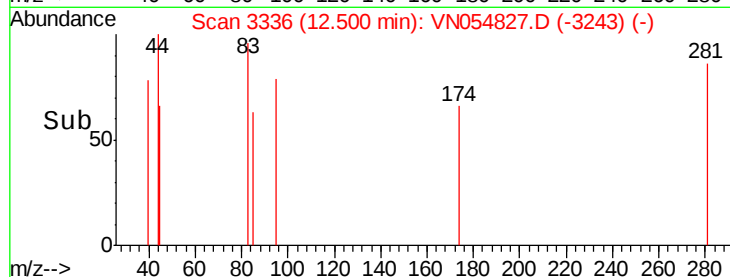
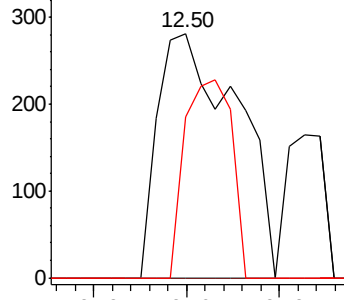
83 100

131 0.0 5.8 17.4#

85 48.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 37.634 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054827.D

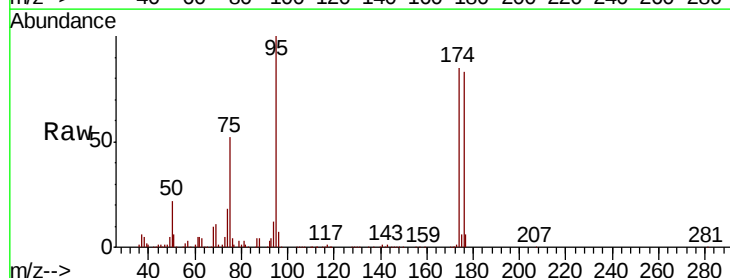
Acq: 31 Mar 2019 3:04

Tgt Ion: 75 Resp: 158153

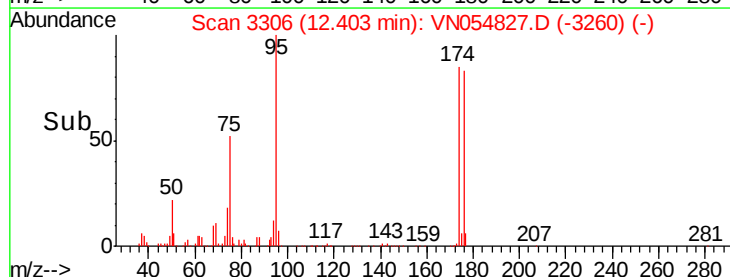
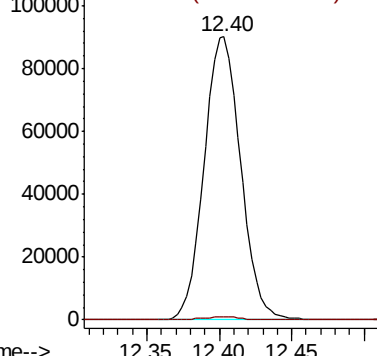
Ion Ratio Lower Upper

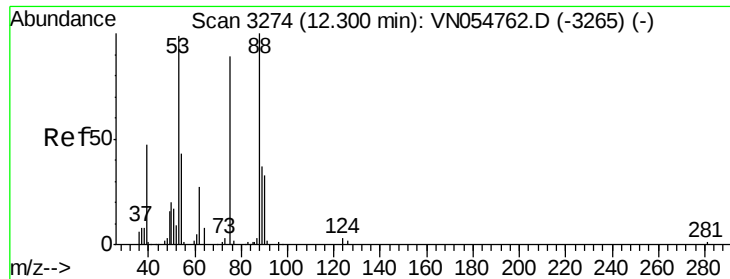
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO

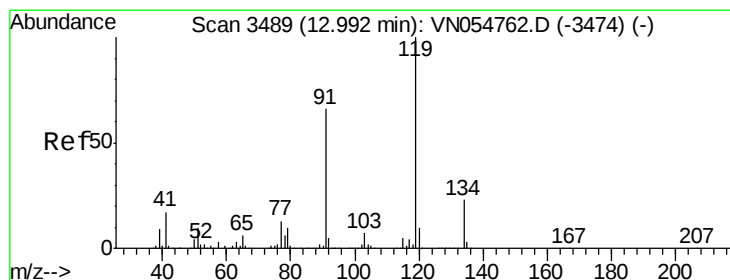
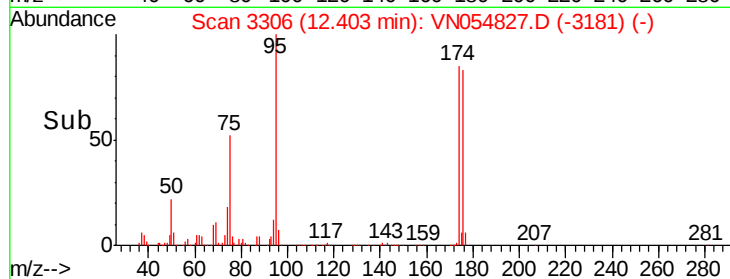
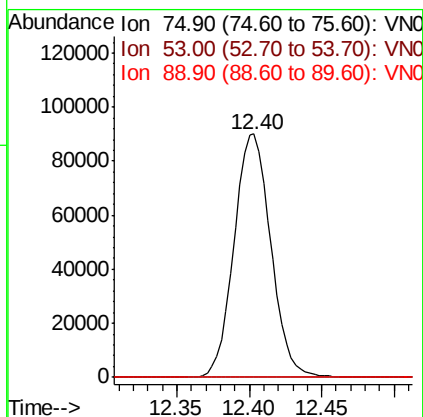
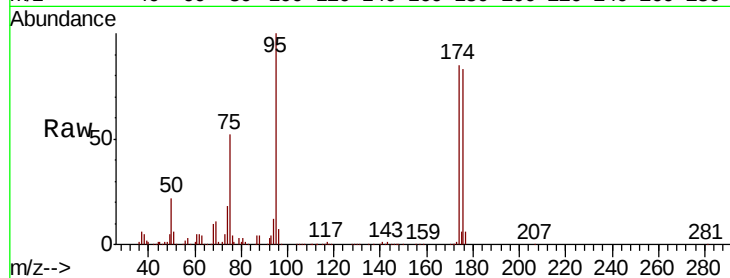




#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.387 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

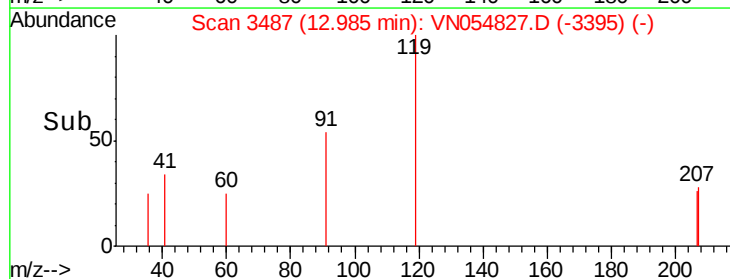
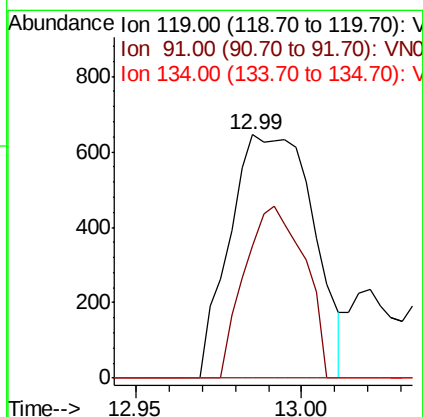
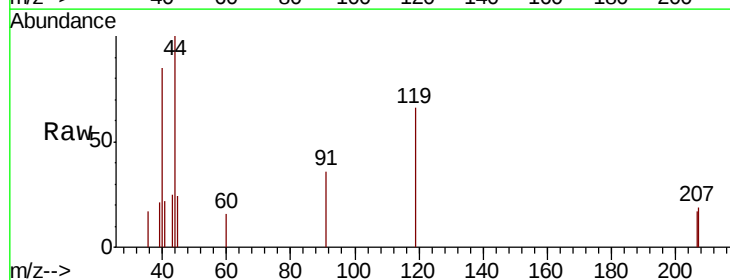
Instrument :
 MSVOA_N
 ClientSampled :
 MW-4

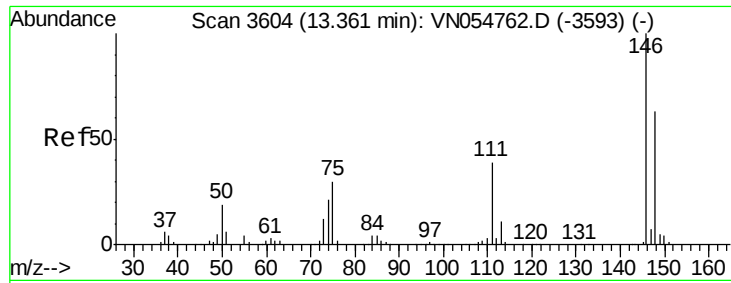
Tot Ion: 75 Resp: 158153
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.2 114.2#
 89 0.0 39.2 58.8#



#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Tgt Ion: 119 Resp: 1131
 Ion Ratio Lower Upper
 119 100
 91 50.9 30.9 92.8
 134 0.0 13.2 39.6#





#88

1,4-Dichlorobenzene

Concen: 0.238 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

MW-4

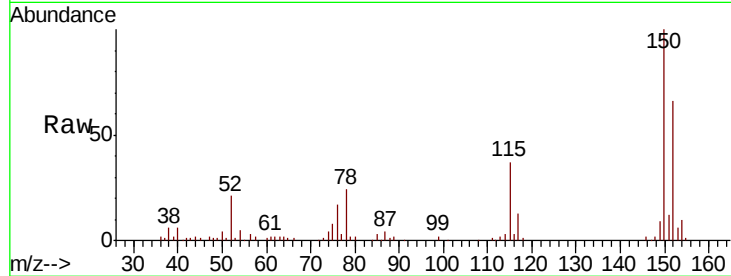
Tot Ion:146 Resp: 1863

Ion Ratio Lower Upper

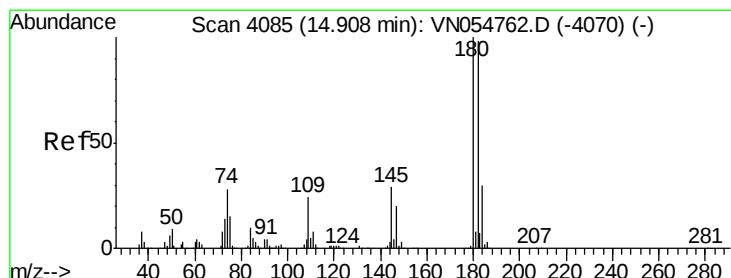
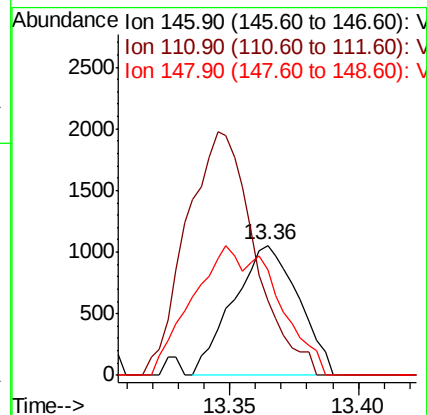
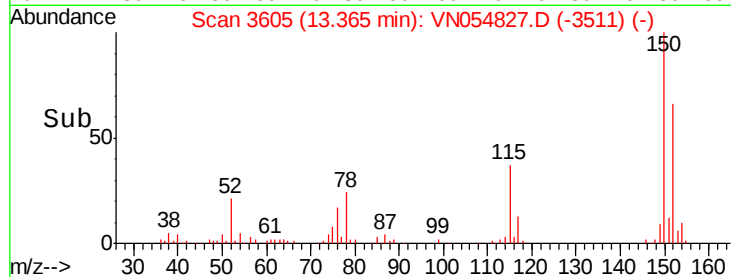
146 100

111 194.6 18.1 54.1#

148 76.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.422 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

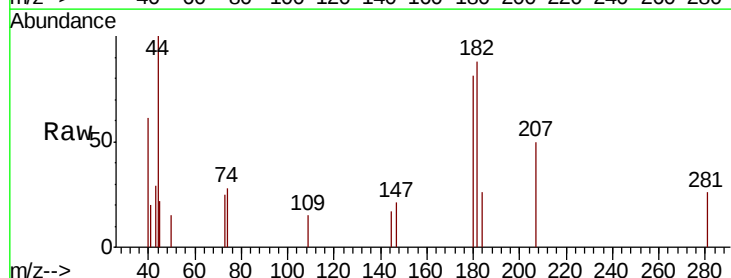
Tgt Ion:180 Resp: 1639

Ion Ratio Lower Upper

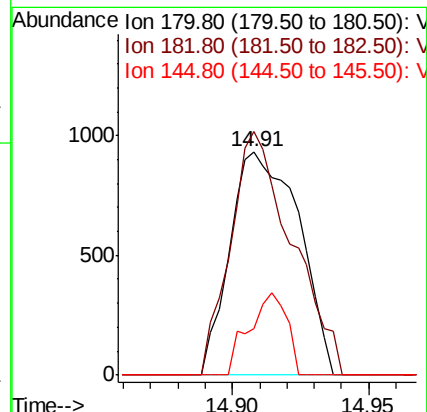
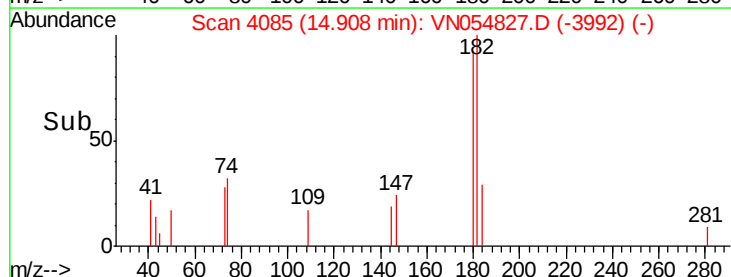
180 100

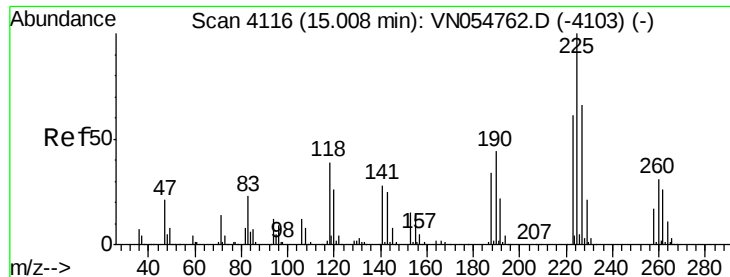
182 97.6 48.0 144.2

145 19.8 14.2 42.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

Instrument :

MSVOA_N

ClientSampled :

MW-4

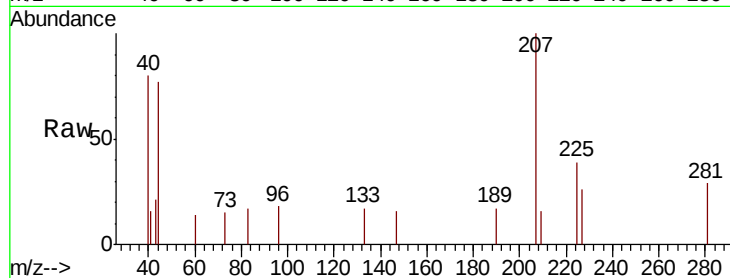
Tot Ion:225 Resp: 361

Ion Ratio Lower Upper

225 100

223 18.8 31.1 93.5#

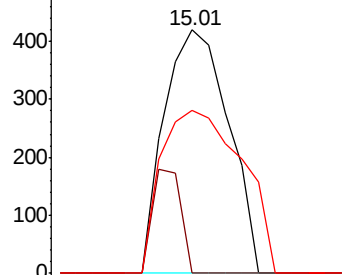
227 84.8 31.9 95.9



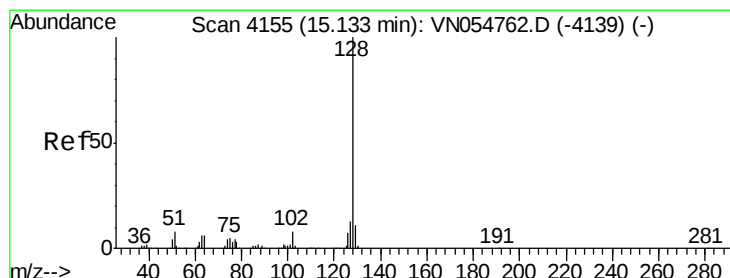
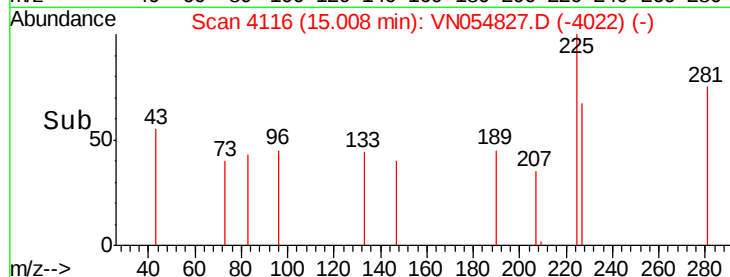
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time-->



#95

Naphthalene

Concen: 0.669 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054827.D

Acq: 31 Mar 2019 3:04

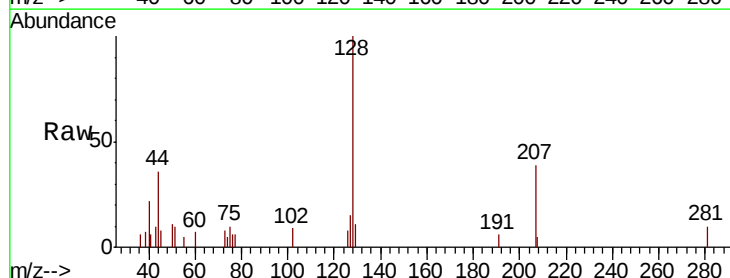
Tgt Ion:128 Resp: 5831

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

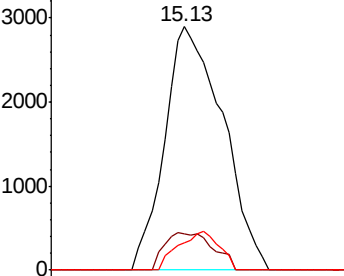
129 11.3 8.7 13.1



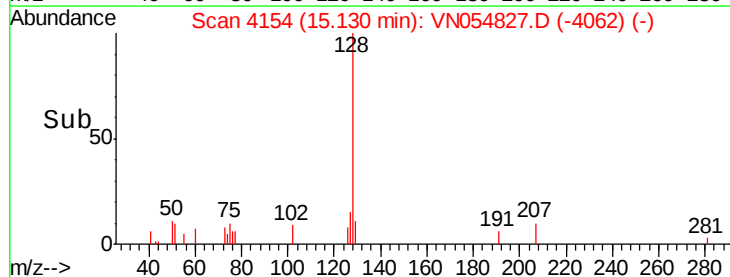
Abundance Ion 128.00 (127.70 to 128.70): V

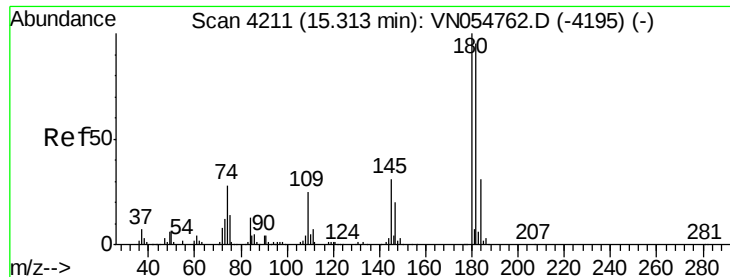
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

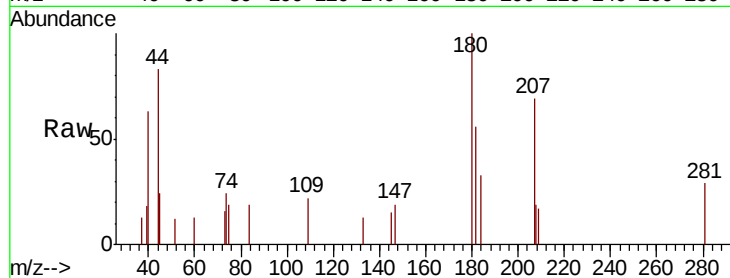




#96
 1,2,3-Trichlorobenzene
 Concen: 0.512 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN054827.D
 Acq: 31 Mar 2019 3:04

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tot Ion:180 Resp: 2010
 Ion Ratio Lower Upper
 180 100
 182 67.4 47.5 142.6
 145 7.7 14.8 44.3#



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

