

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033019\
 Data File : VN054816.D
 Acq On : 30 Mar 2019 21:18
 Operator : JC/SP
 Sample : K2176-01 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 QNWP8-MW27S-GWDL

Quant Time: Mar 30 22:44:33 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	531930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	876943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	709784	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	247034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	353468	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.59	113	279302	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
50) Toluene-d8	10.09	98	1030910	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
62) 4-Bromofluorobenzene	12.40	95	307348	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	

Target Compounds

				Qvalue	
5) Bromomethane	2.58	94	144	Below Cal	# 80
13) Acrolein	3.61	56	226	0.677 ug/l	86
17) Carbon Disulfide	4.04	76	4763	0.351 ug/l	96
18) Methyl Acetate	4.34	43	1745	Below Cal	# 86
19) Methyl tert-butyl Ether	5.07	73	4765	0.326 ug/l	# 83
29) Tetrahydrofuran	7.21	42	356	0.203 ug/l	# 30
31) Cyclohexane	7.66	56	12500	Below Cal	# 16
38) Carbon Tetrachloride	7.67	117	50111	6.314 ug/l	# 17
40) Benzene	8.04	78	882098	37.726 ug/l	100
42) 1,2-Dichloroethane	8.04	62	8379	1.004 ug/l	85
43) Isopropyl Acetate	8.26	43	15924	1.635 ug/l	# 60
49) 1,4-Dioxane	9.20	88	71	1.356 ug/l	# 1
51) 4-Methyl-2-Pentanone	9.99	43	1407	0.257 ug/l	91
52) Toluene	10.15	92	4389	0.315 ug/l	96
58) 2-Chloroethyl Vinyl ether	9.96	63	29	10.364 ug/l	# 44
59) 2-Hexanone	10.76	43	4063	1.159 ug/l	75
67) Ethyl Benzene	11.51	91	120419	4.802 ug/l	94
68) m/p-Xylenes	11.63	106	4474	0.482 ug/l	93
69) o-Xylene	11.95	106	5930	0.652 ug/l	97
71) Bromoform	12.40	173	2249	0.738 ug/l	# 1
73) Isopropylbenzene	12.25	105	19572	0.969 ug/l	100
74) N-amyl acetate	12.07	43	1501	0.239 ug/l	# 80
75) 1,1,2,2-Tetrachloroethane	12.50	83	124	Below Cal	# 26
76) 1,2,3-Trichloropropane	12.40	75	159709	37.215 ug/l	# 100
78) n-propylbenzene	12.59	91	6407	0.289 ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	159709	144.756 ug/l	# 11
83) tert-Butylbenzene	13.00	119	763	Below Cal	# 73
84) 1,2,4-Trimethylbenzene	13.04	105	9702	0.615 ug/l	96
90) Hexachloroethane	13.94	117	623	0.231 ug/l	# 2
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1196	1.733 ug/l	# 1
93) 1,2,4-Trichlorobenzene	14.91	180	1969	0.496 ug/l	91
94) Hexachlorobutadiene	15.01	225	599	Below Cal	# 73
95) Naphthalene	15.13	128	84062	9.442 ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	2481	0.619 ug/l	# 89

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Response via : Initial Calibration

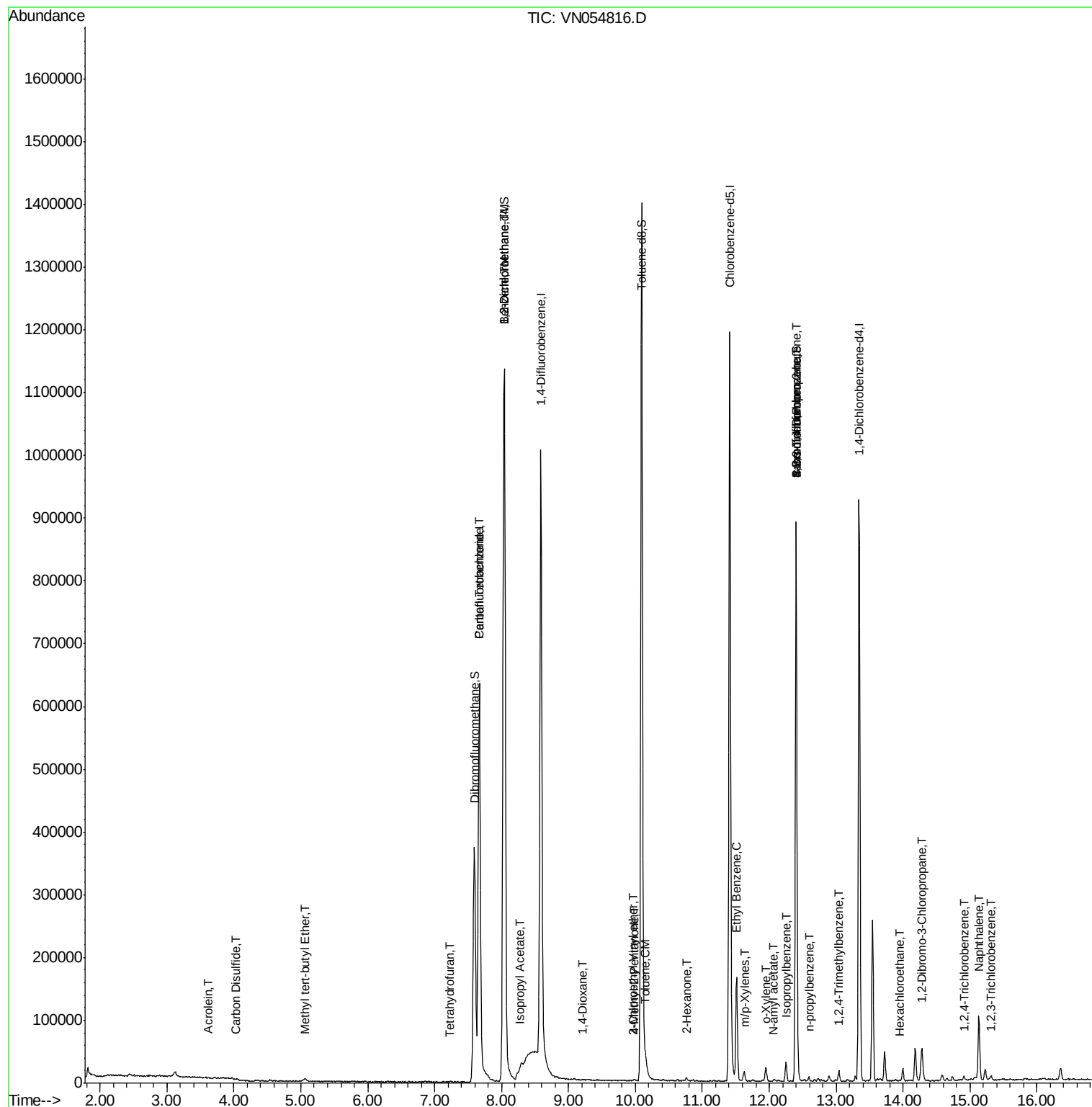
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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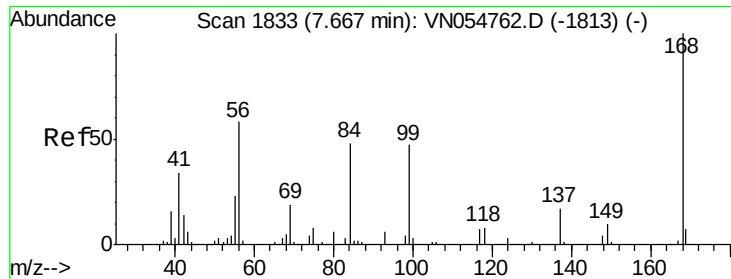
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

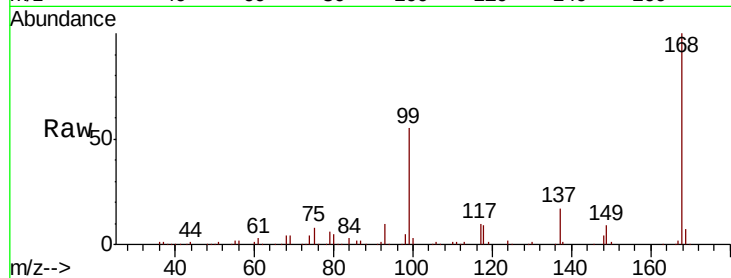
QNWP8-MW27S-GWDL

Tot Ion:168 Resp: 531930

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054816.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054816.D (-1740) (-)

7.67

250000

200000

150000

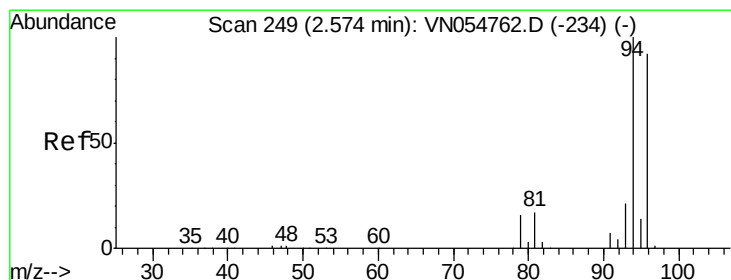
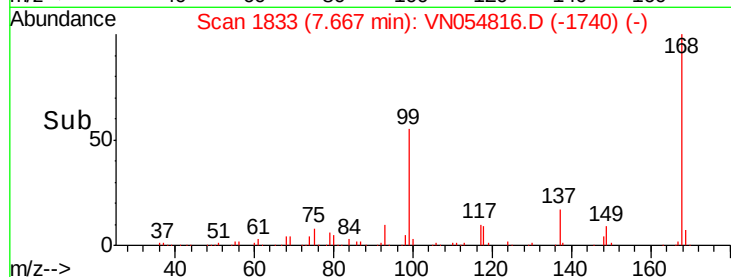
100000

50000

0

7.60 7.70 7.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.58 min Scan# 252

Delta R.T. 0.01 min

Lab File: VN054816.D

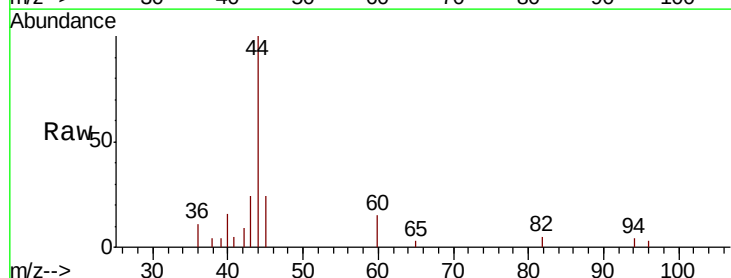
Acq: 30 Mar 2019 21:18

Tgt Ion: 94 Resp: 144

Ion Ratio Lower Upper

94 100

96 76.5 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN054816.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054816.D (-156) (-)

250

200

150

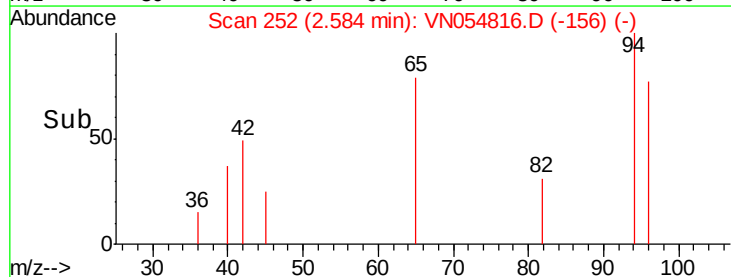
100

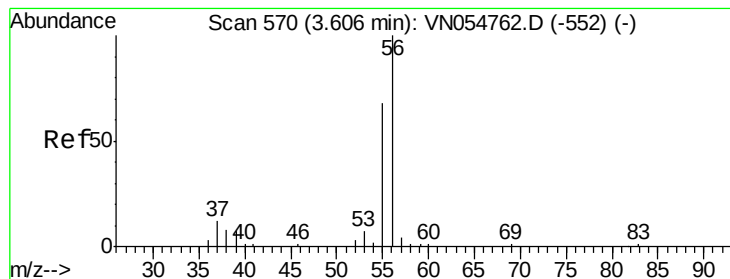
50

0

2.56 2.57 2.58 2.59 2.60

Time-->





#13

Acrolein

Concen: 0.677 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

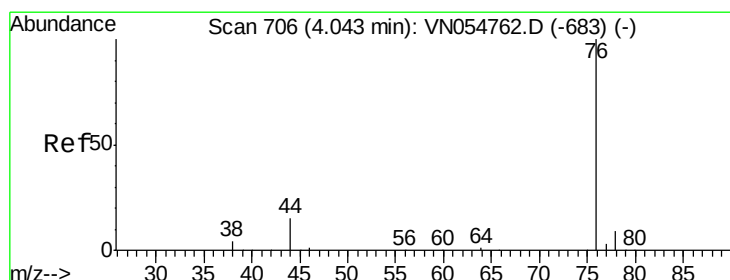
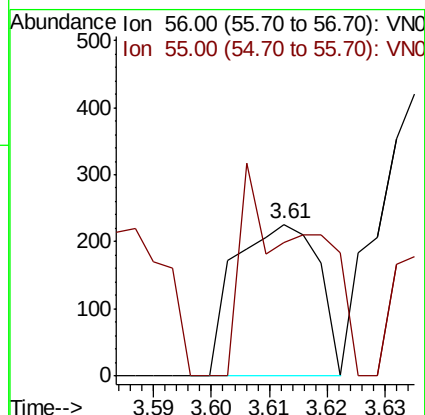
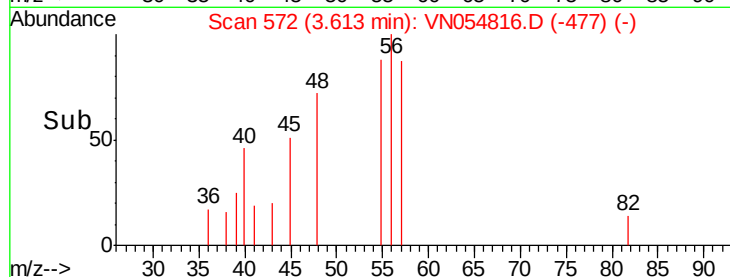
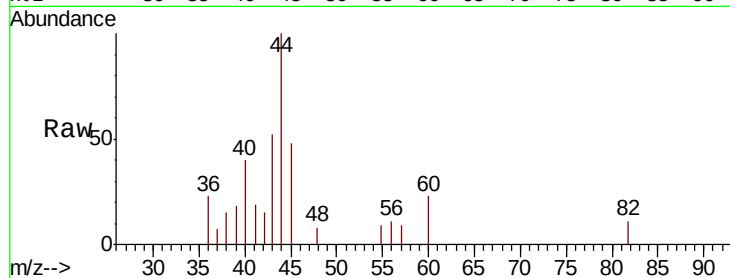
QNWP8-MW27S-GWDL

Tot Ion: 56 Resp: 226

Ion Ratio Lower Upper

56 100

55 59.7 56.7 85.1



#17

Carbon Disulfide

Concen: 0.351 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.01 min

Lab File: VN054816.D

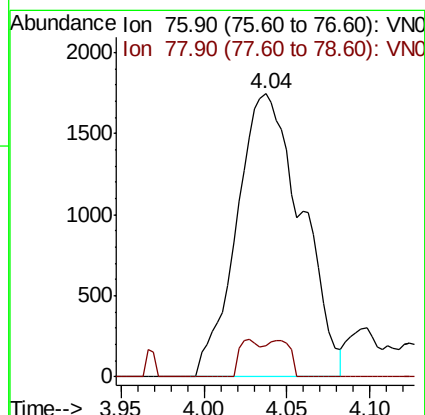
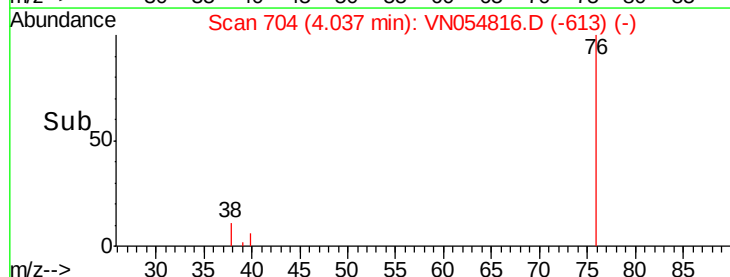
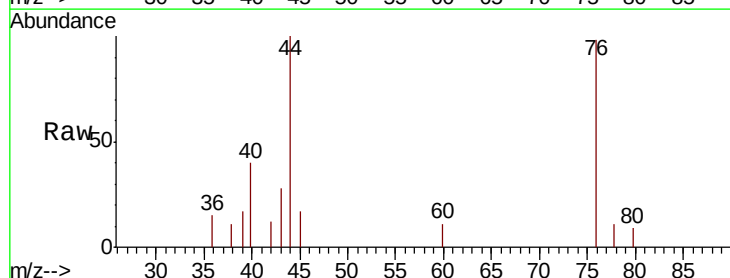
Acq: 30 Mar 2019 21:18

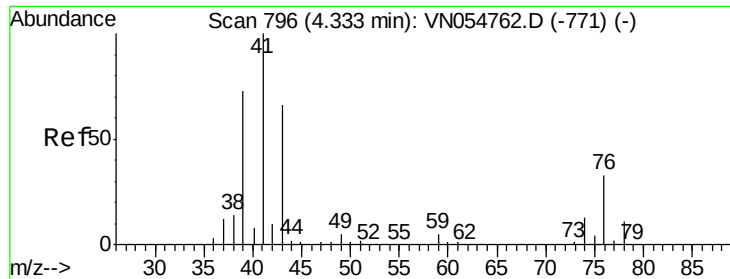
Tgt Ion: 76 Resp: 4763

Ion Ratio Lower Upper

76 100

78 10.9 7.5 11.3

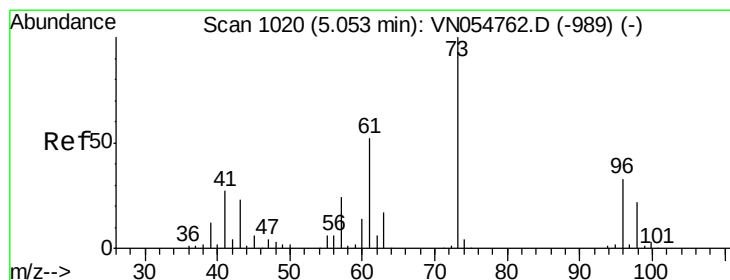
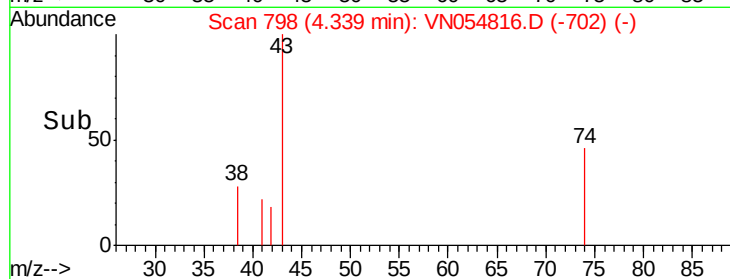
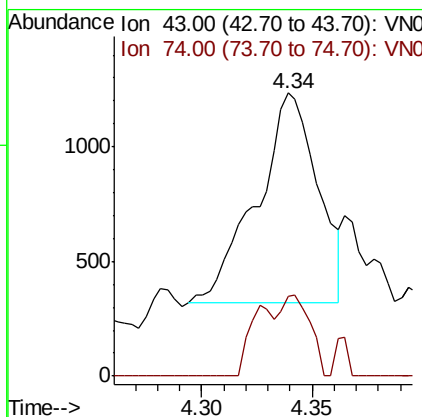
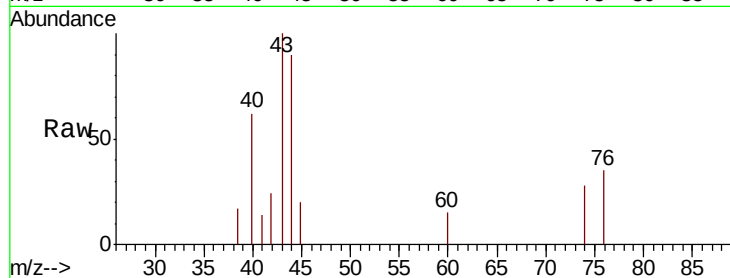




#18
Methyl Acetate
Concen: Below Cal
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

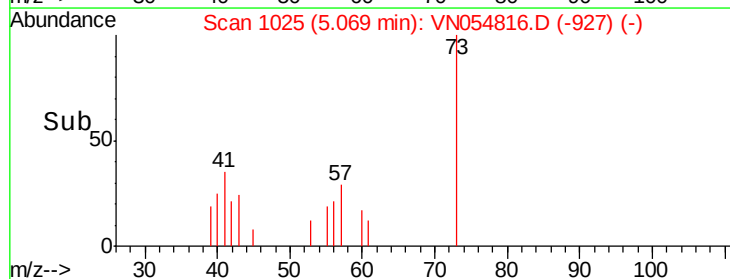
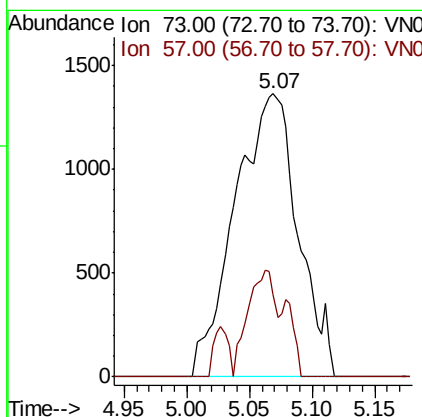
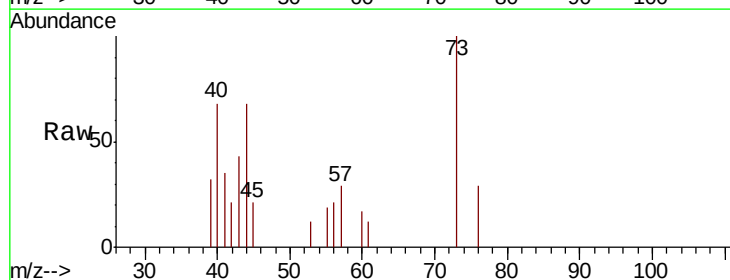
Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW27S-GWDL

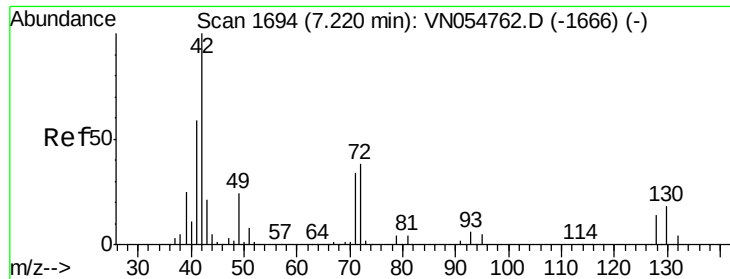
Tot Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
74 18.7 20.8 31.2#



#19
Methyl tert-butyl Ether
Concen: 0.326 ug/l
RT: 5.07 min Scan# 1025
Delta R.T. 0.02 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Tgt Ion: 73 Resp: 4765
Ion Ratio Lower Upper
73 100
57 29.0 16.8 25.2#





#29

Tetrahydrofuran

Concen: 0.203 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW27S-GWDL

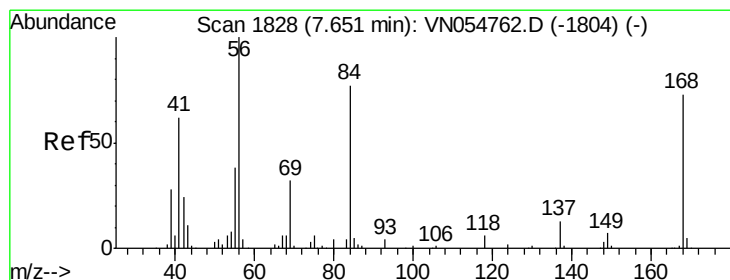
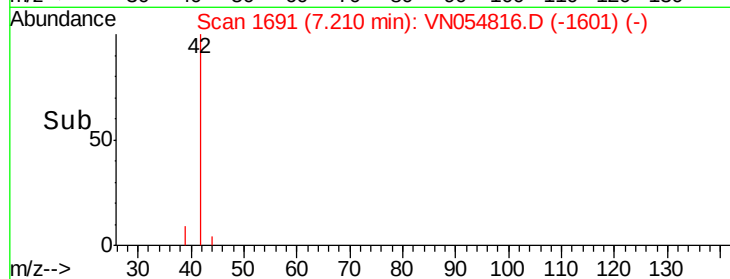
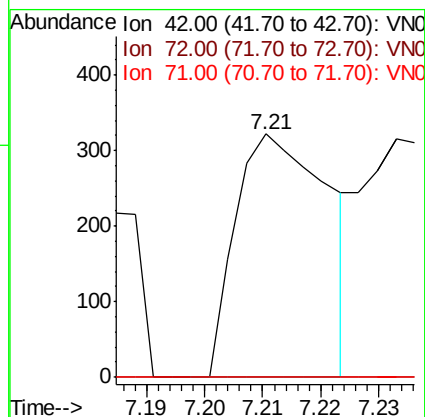
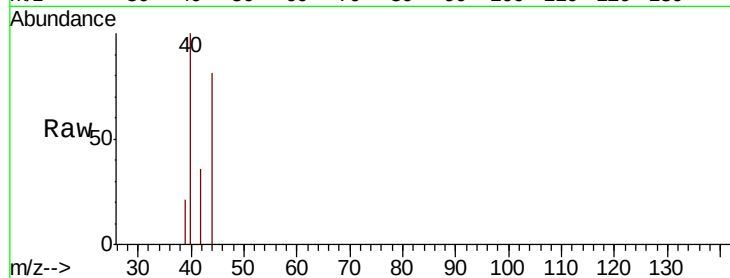
Tot Ion: 42 Resp: 356

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 36.2 54.2#



#31

Cyclohexane

Concen: Below Cal

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

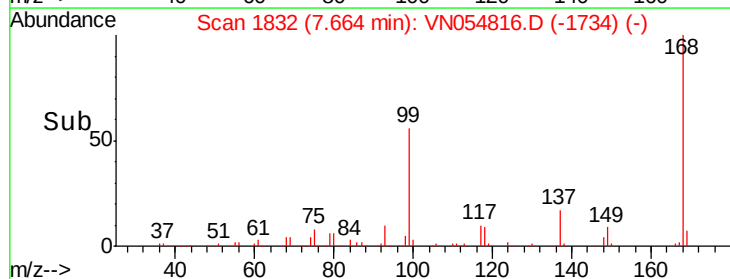
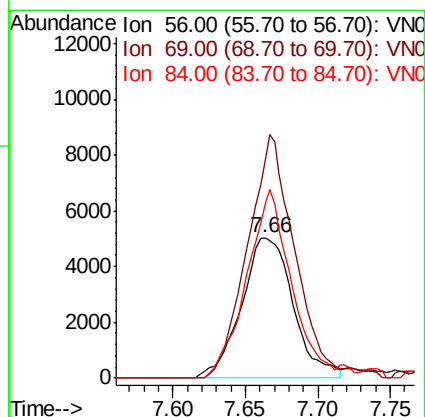
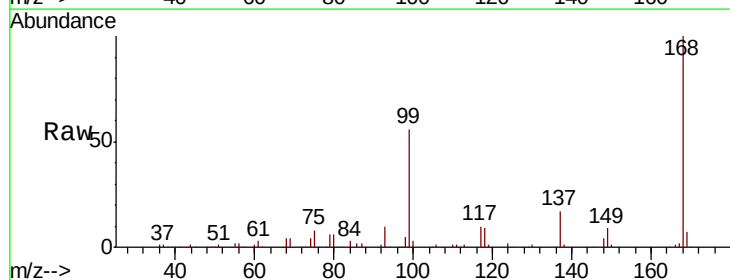
Tgt Ion: 56 Resp: 12500

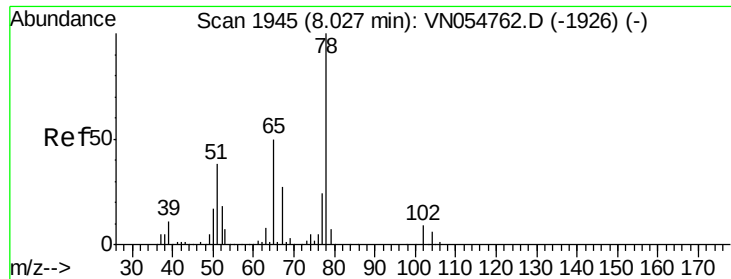
Ion Ratio Lower Upper

56 100

69 158.5 27.8 41.6#

84 126.8 74.6 111.8#

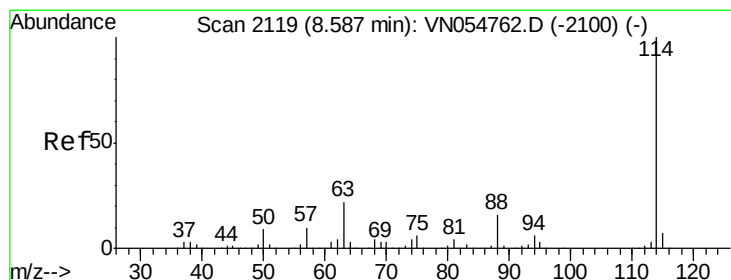
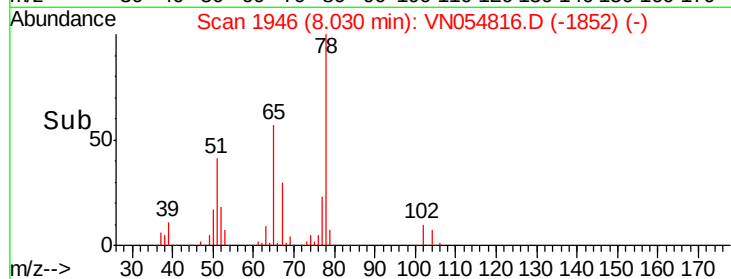
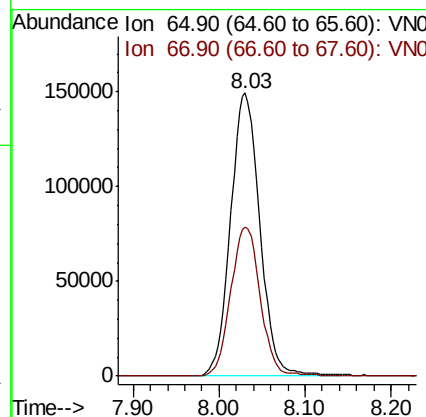
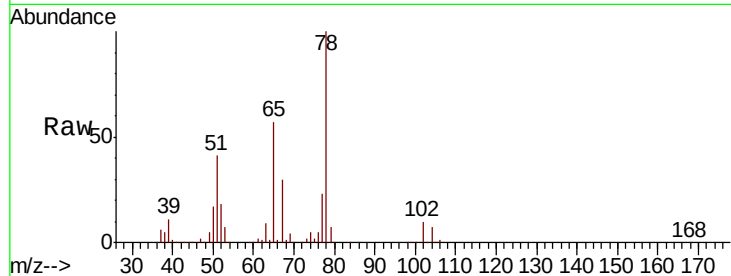




#33
 1,2-Dichloroethane-d4
 Concen: 49.294 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

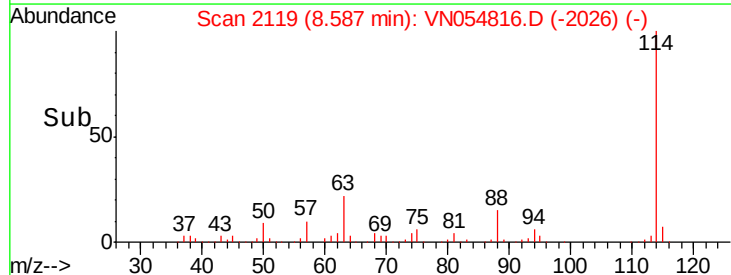
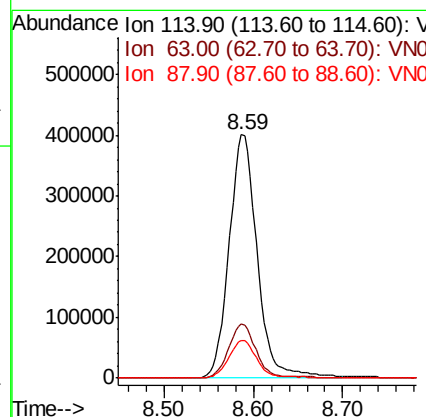
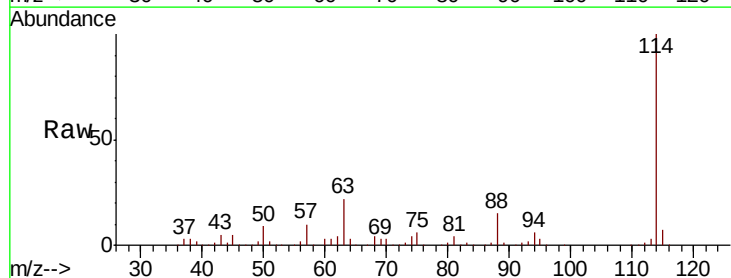
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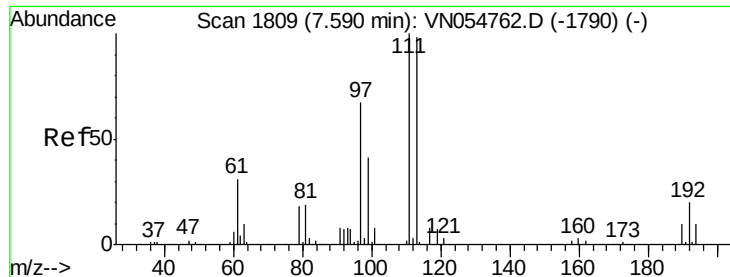
Tot Ion: 65 Resp: 353468
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

Tgt Ion: 114 Resp: 876943
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.2
 88 15.3 0.0 30.2

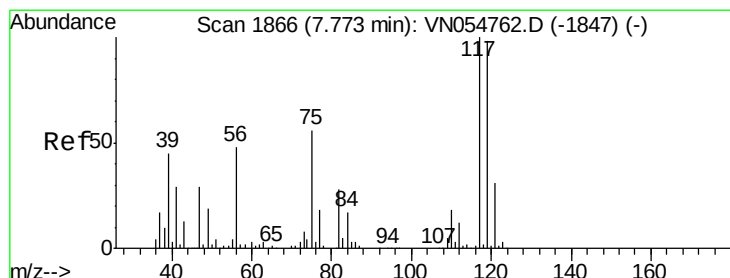
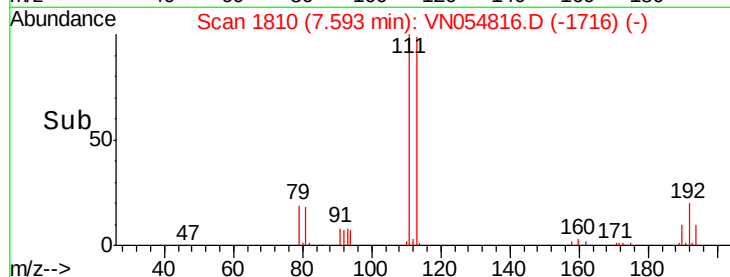
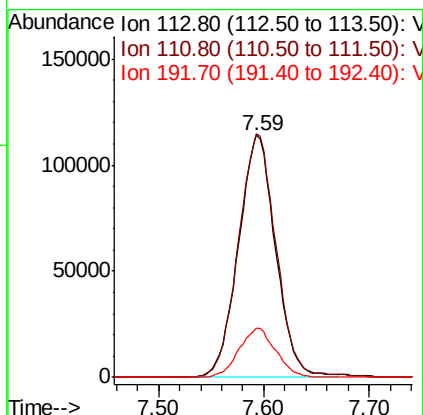
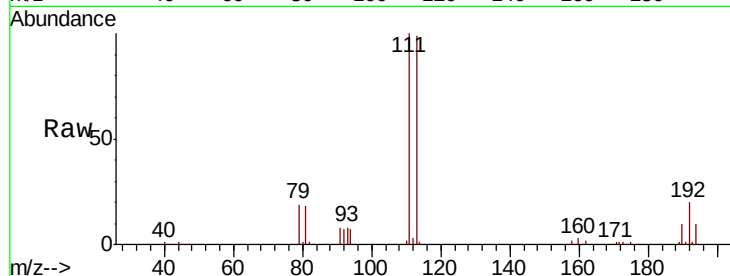




#35
Dibromofluoromethane
Concen: 47.773 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

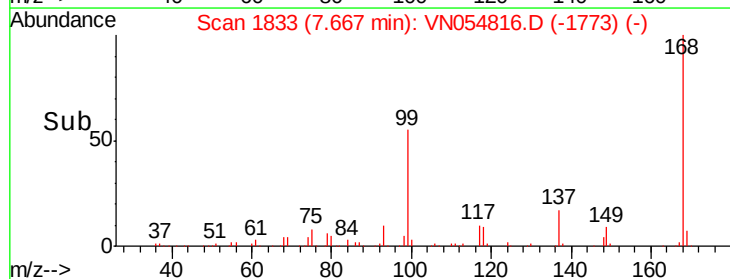
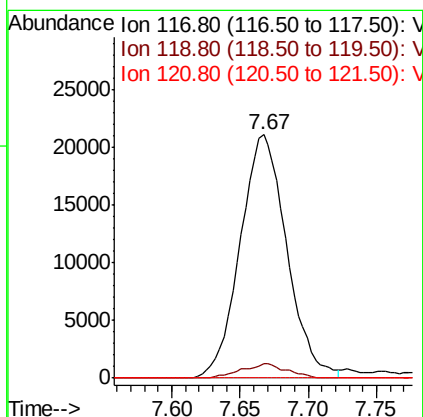
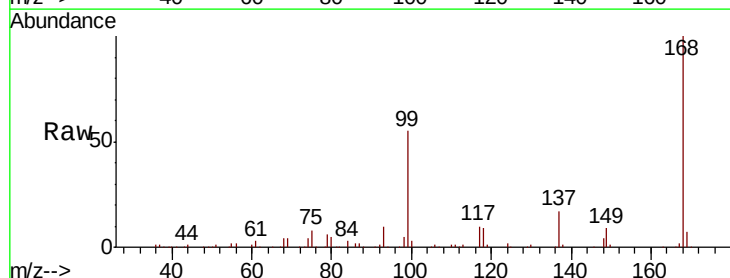
Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW27S-GWDL

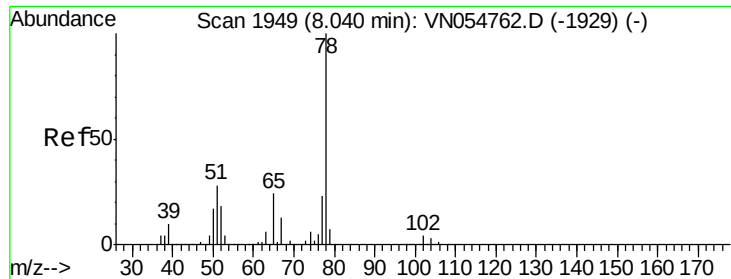
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.2	123.4
192	20.1	19.2	28.8



#38
Carbon Tetrachloride
Concen: 6.314 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.3	114.5#
121	0.0	24.6	36.8#





#40

Benzene

Concen: 37.726 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

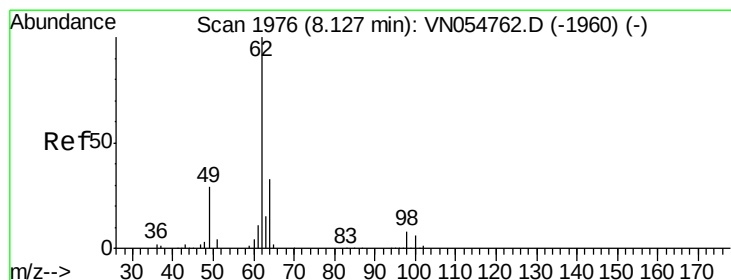
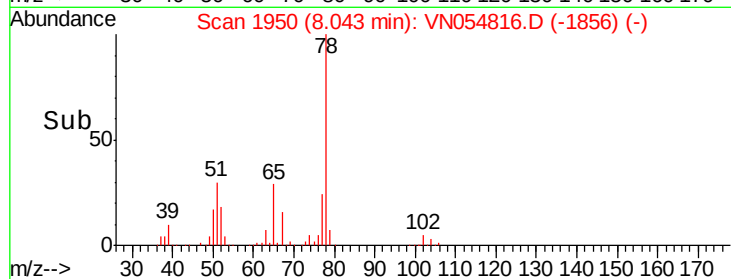
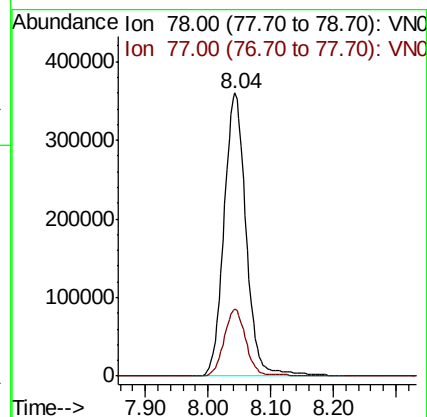
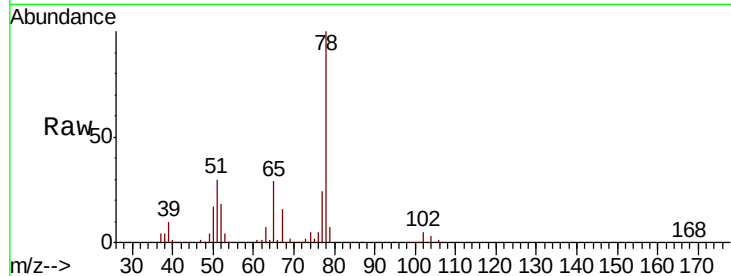
QNWP8-MW27S-GWDL

Tot Ion: 78 Resp: 882098

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7



#42

1,2-Dichloroethane

Concen: 1.004 ug/l

RT: 8.04 min Scan# 1948

Delta R.T. -0.09 min

Lab File: VN054816.D

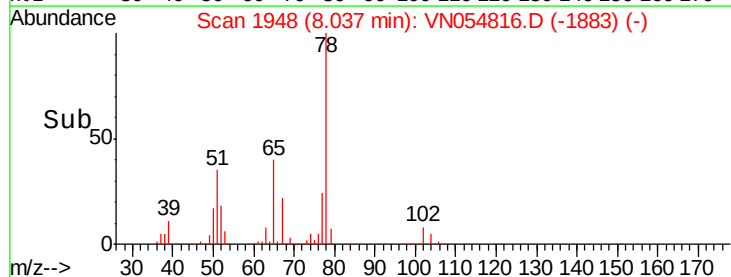
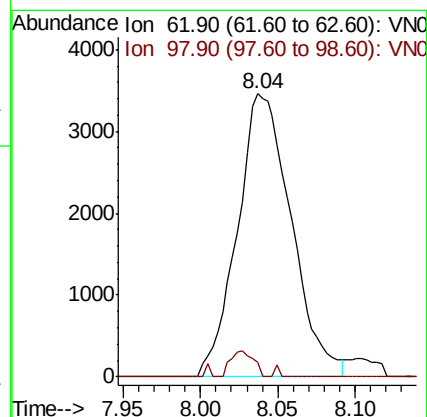
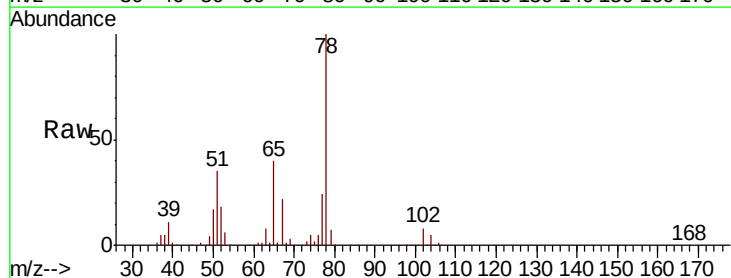
Acq: 30 Mar 2019 21:18

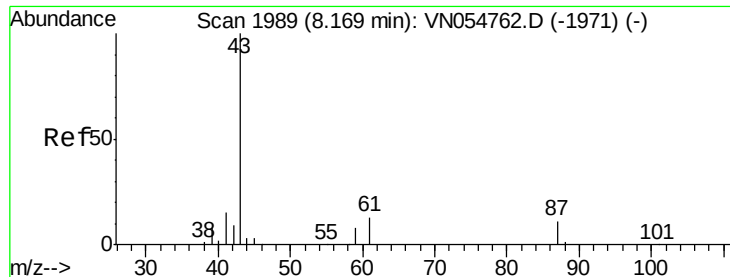
Tgt Ion: 62 Resp: 8379

Ion Ratio Lower Upper

62 100

98 3.9 0.0 18.4





#43

Isopropyl Acetate

Concen: 1.635 ug/l

RT: 8.26 min Scan# 2018

Delta R.T. 0.09 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW27S-GWDL

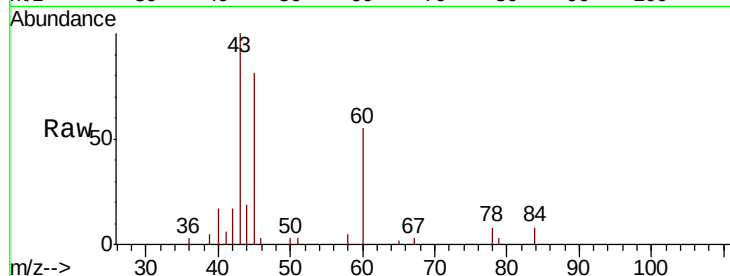
Tot Ion: 43 Resp: 15924

Ion Ratio Lower Upper

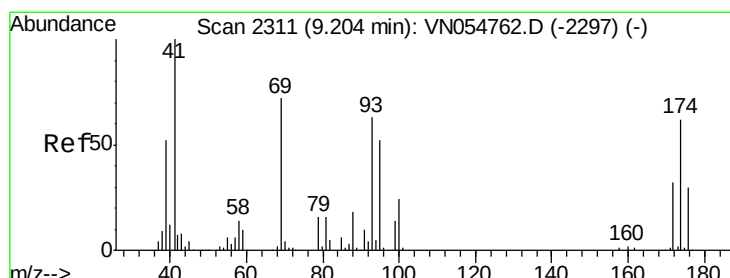
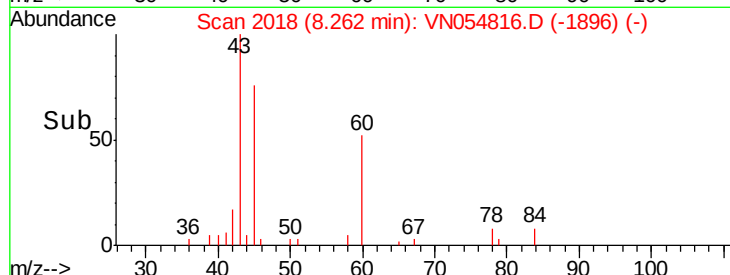
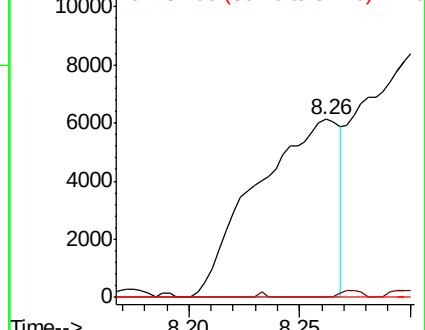
43 100

61 0.0 15.8 23.8#

87 0.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#49

1,4-Dioxane

Concen: 1.356 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

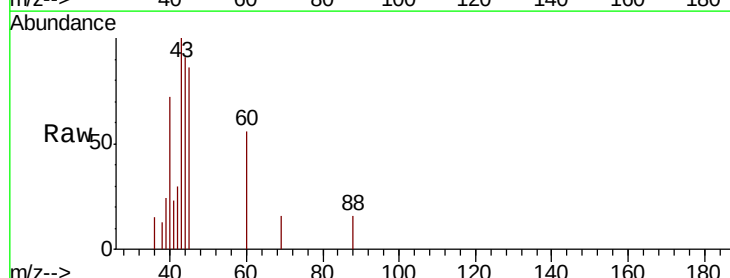
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

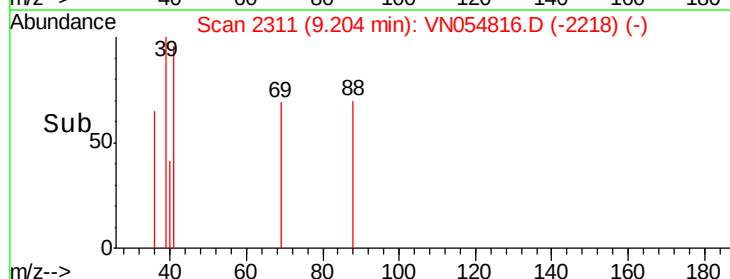
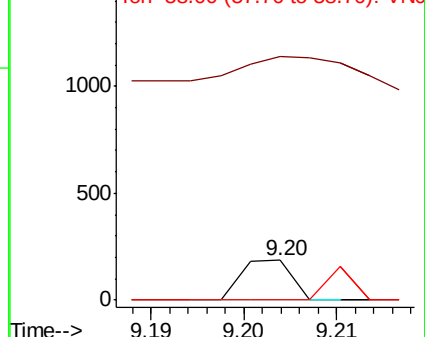
88 100

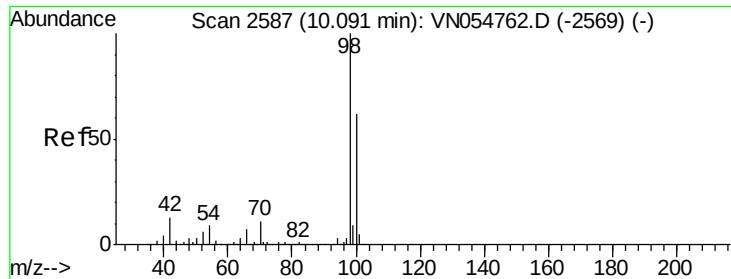
43 267.6 24.1 36.1#

58 42.3 50.8 76.2#



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

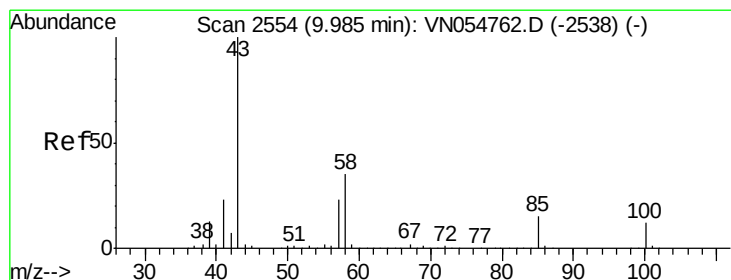
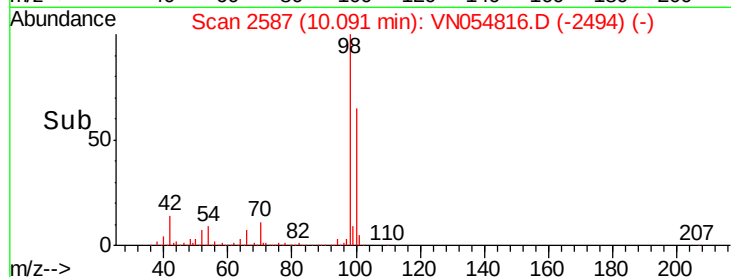
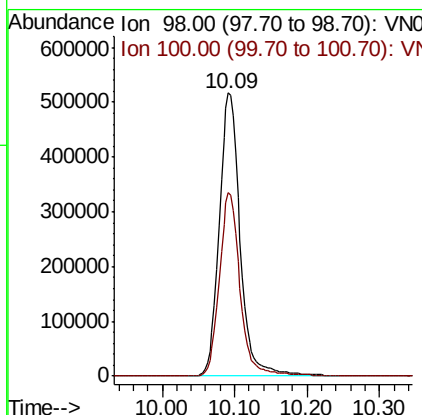
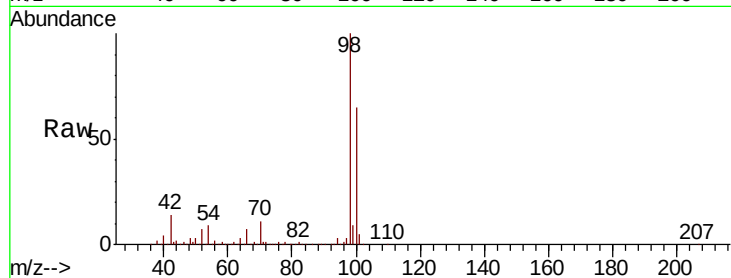




#50
Toluene-d8
Concen: 47.429 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

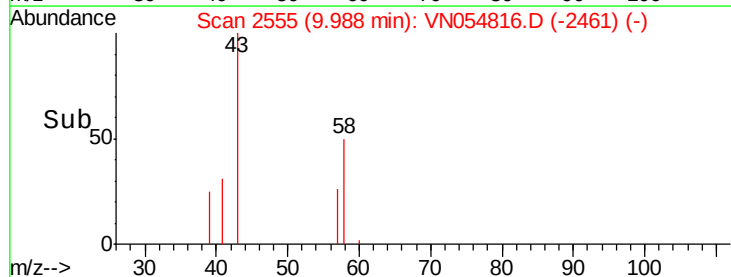
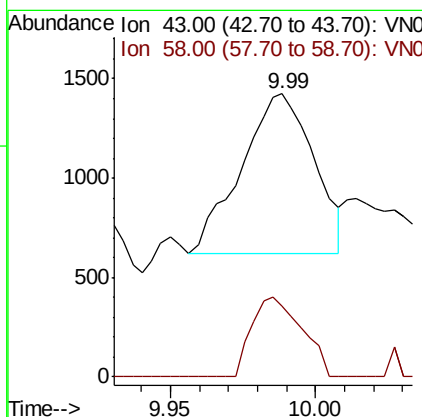
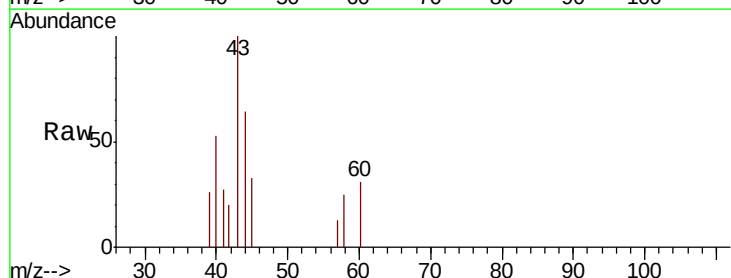
Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW27S-GWDL

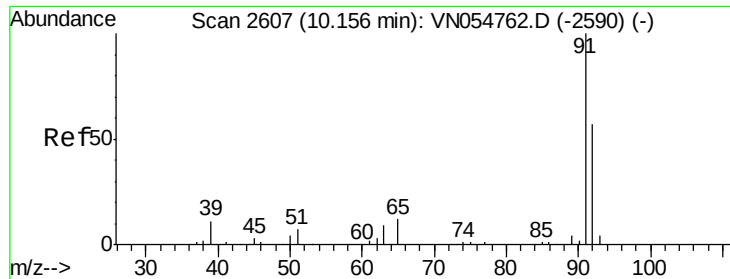
Tot Ion: 98 Resp: 1030910
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 0.257 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 34.3 31.8 47.6





#52

Toluene

Concen: 0.315 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

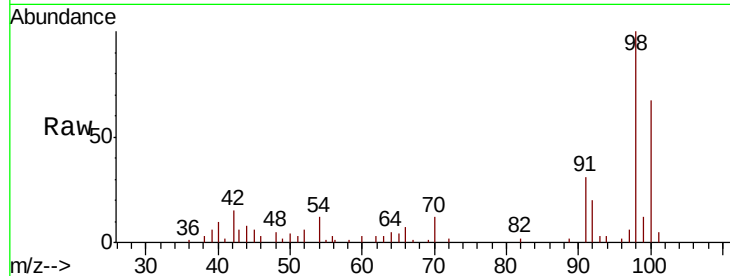
QNWP8-MW27S-GWDL

Tot Ion: 92 Resp: 4389

Ion Ratio Lower Upper

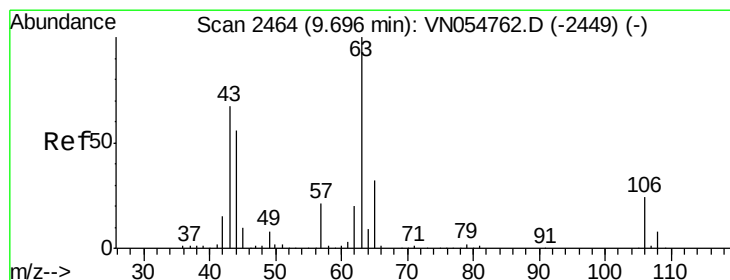
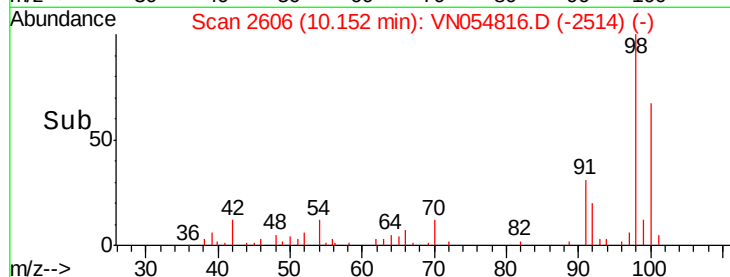
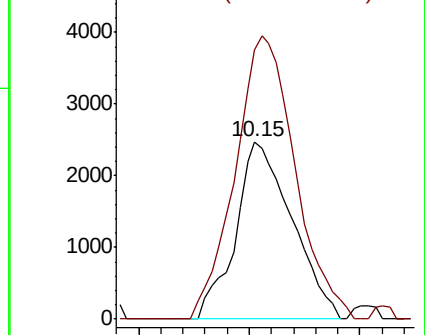
92 100

91 169.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 10.364 ug/l

RT: 9.96 min Scan# 2545

Delta R.T. 0.26 min

Lab File: VN054816.D

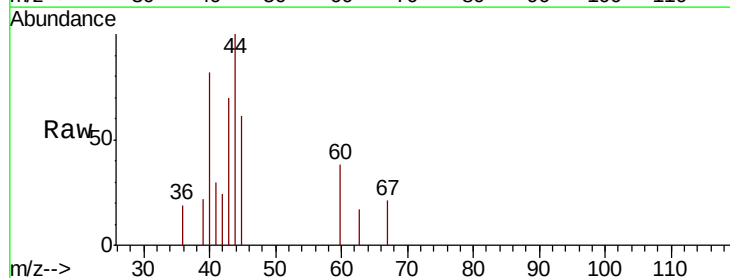
Acq: 30 Mar 2019 21:18

Tgt Ion: 63 Resp: 29

Ion Ratio Lower Upper

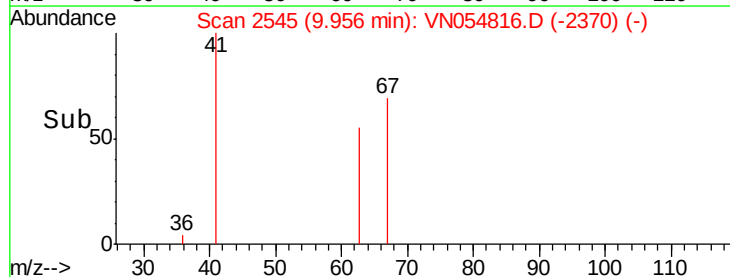
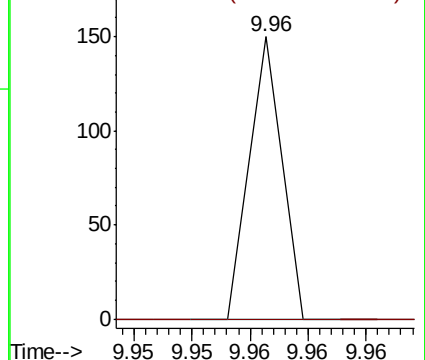
63 100

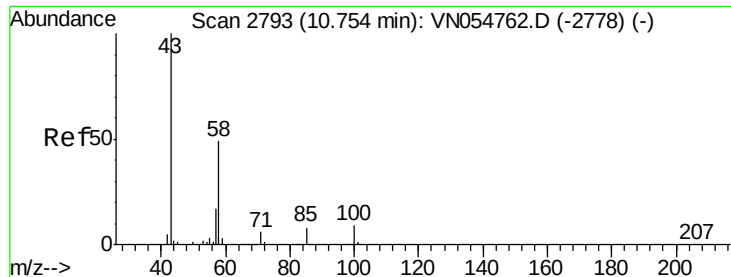
106 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 1.159 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

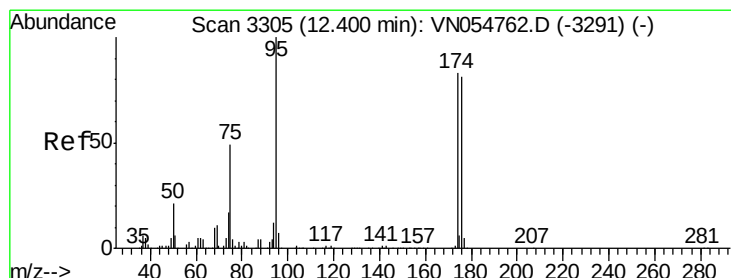
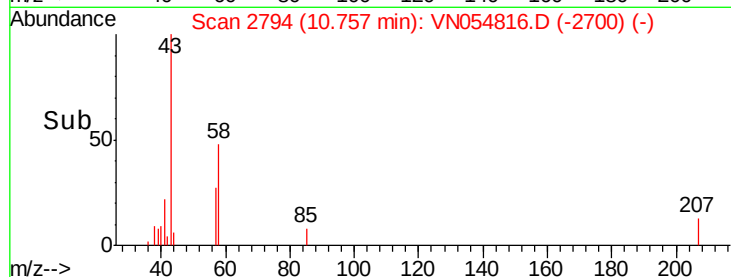
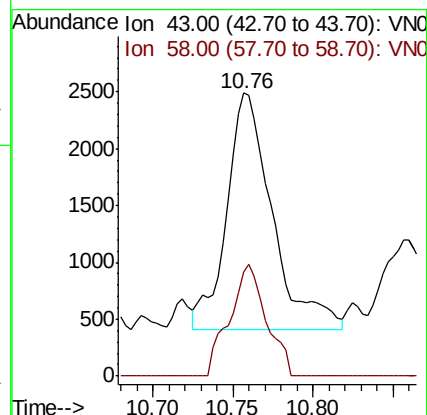
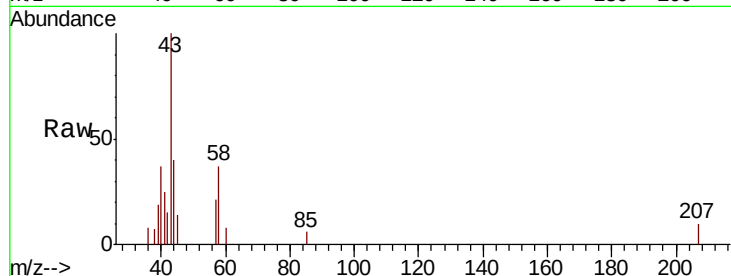
QNWP8-MW27S-GWDL

Tot Ion: 43 Resp: 4063

Ion Ratio Lower Upper

43 100

58 37.7 28.0 83.9



#62

4-Bromofluorobenzene

Concen: 42.517 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

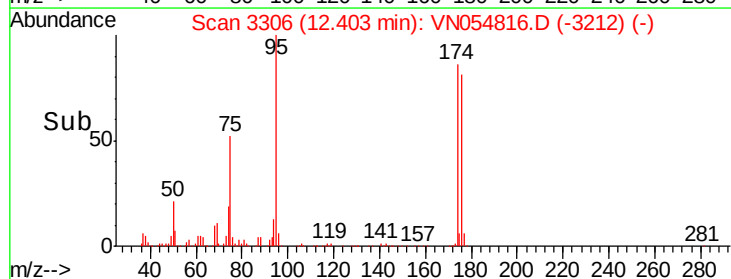
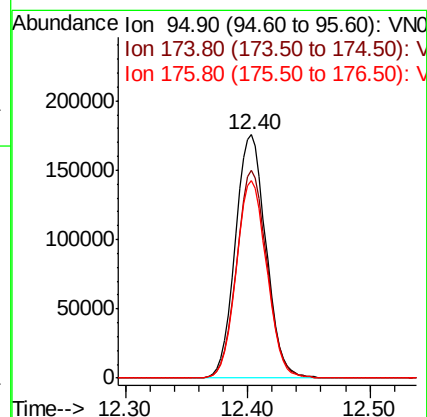
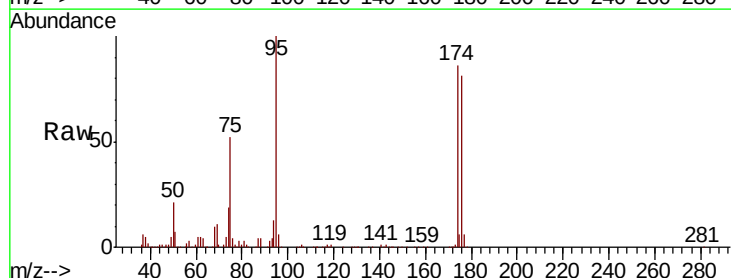
Tgt Ion: 95 Resp: 307348

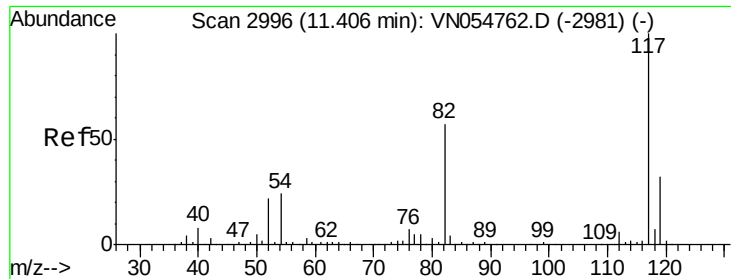
Ion Ratio Lower Upper

95 100

174 84.6 0.0 191.0

176 80.7 0.0 187.4

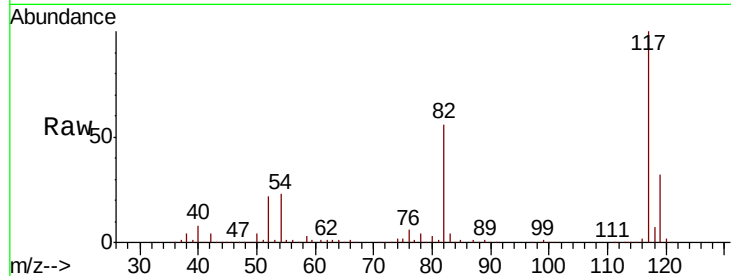




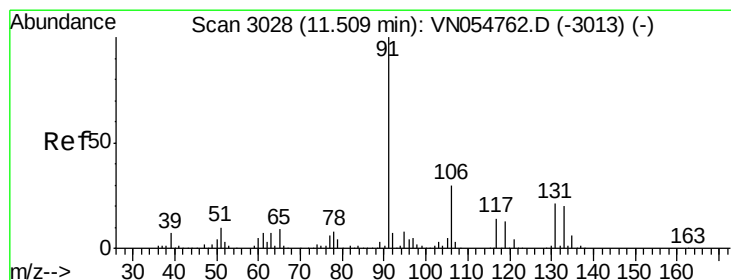
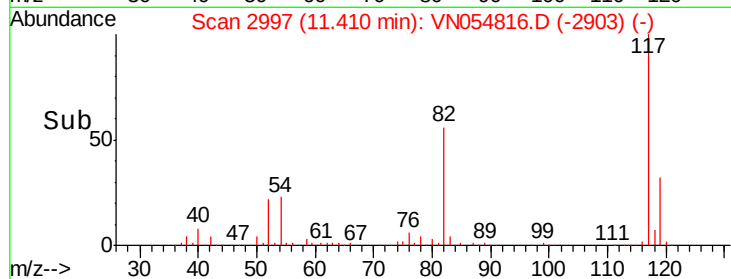
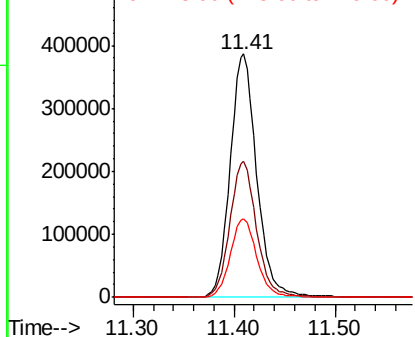
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:117 Resp: 709784
Ion Ratio Lower Upper
117 100
82 55.8 40.0 60.0
119 32.5 25.8 38.6

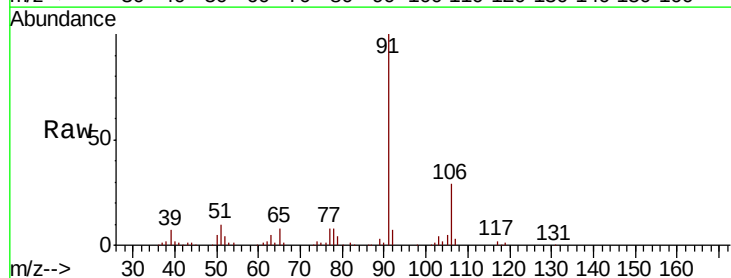


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

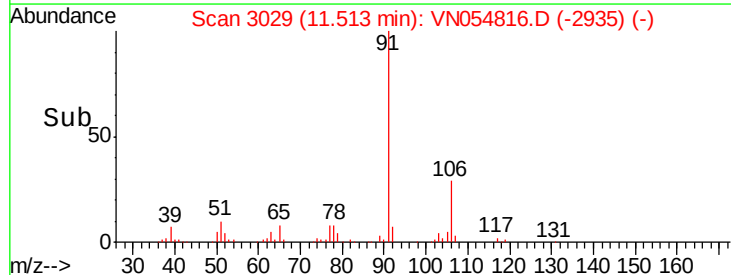
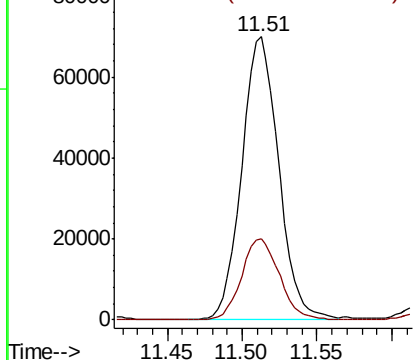


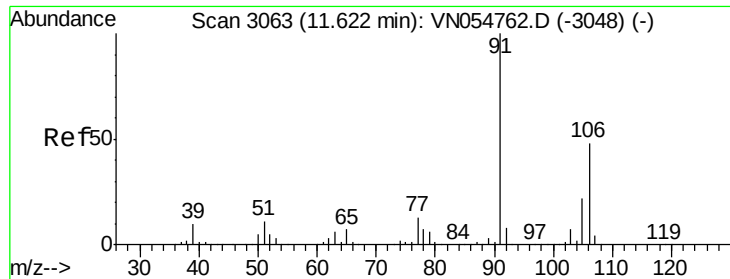
#67
Ethyl Benzene
Concen: 4.802 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Tgt Ion: 91 Resp: 120419
Ion Ratio Lower Upper
91 100
106 28.7 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

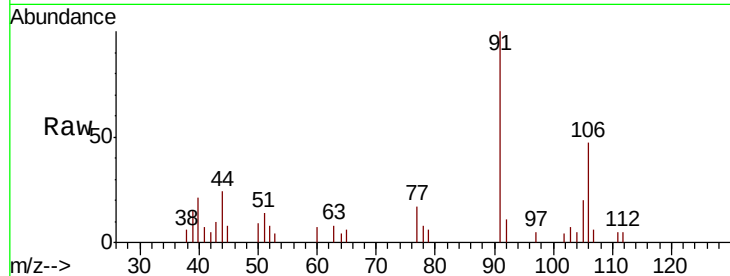




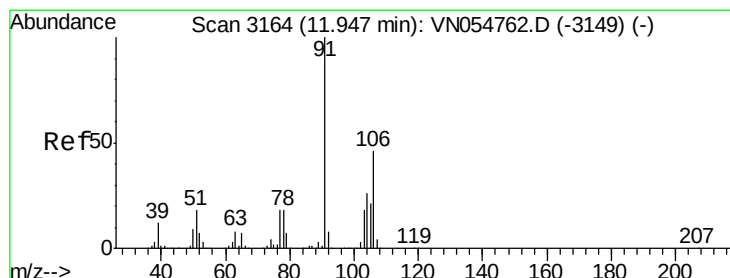
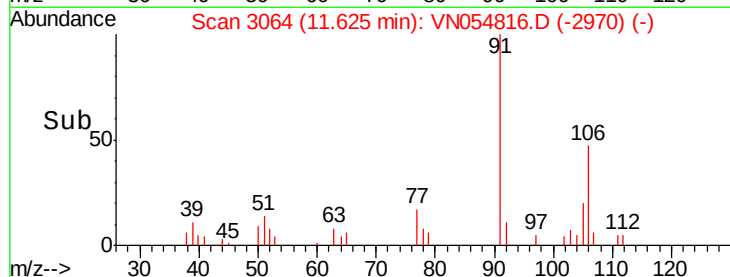
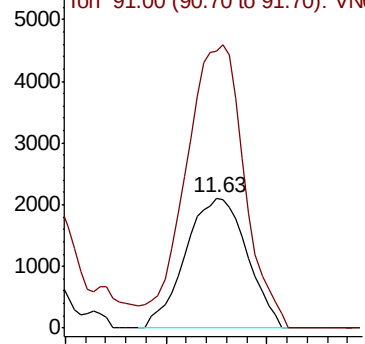
#68
m/p-Xylenes
Concen: 0.482 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Instrument :
MSVOA_N
ClientSampleId :
QNWP8-MW27S-GWDL

Tot Ion:106 Resp: 4474
Ion Ratio Lower Upper
106 100
91 209.3 159.4 239.2

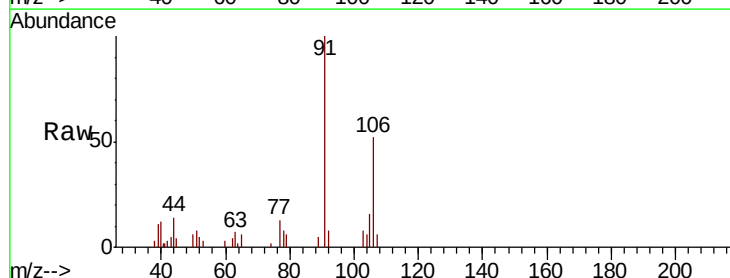


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

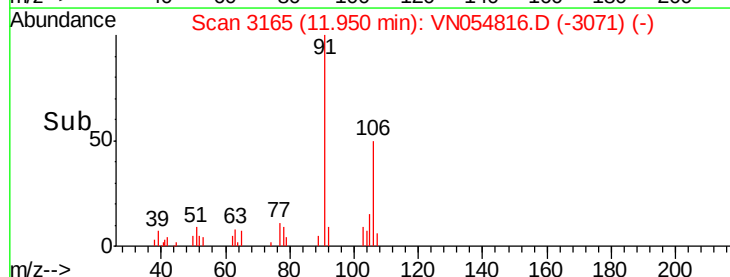
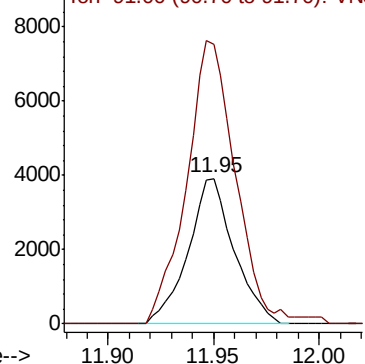


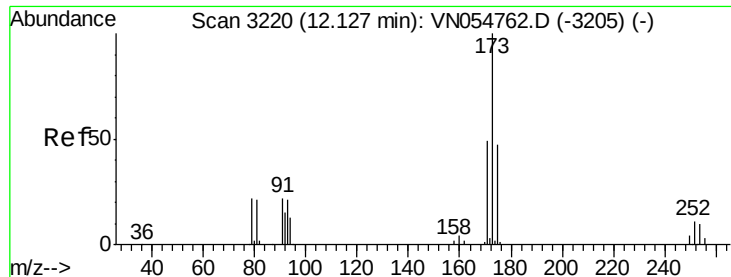
#69
o-Xylene
Concen: 0.652 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054816.D
Acq: 30 Mar 2019 21:18

Tgt Ion:106 Resp: 5930
Ion Ratio Lower Upper
106 100
91 206.8 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#71

Bromoform

Concen: 0.738 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW27S-GWDL

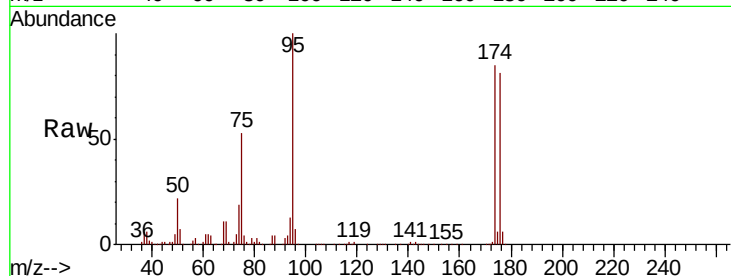
Tot Ion:173 Resp: 2249

Ion Ratio Lower Upper

173 100

175 700.5 24.4 73.2#

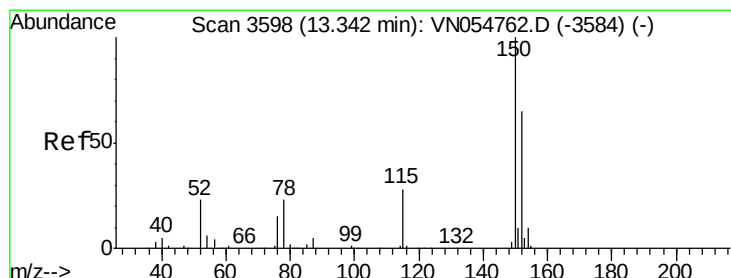
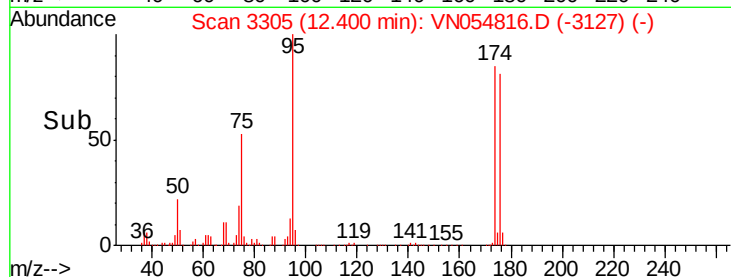
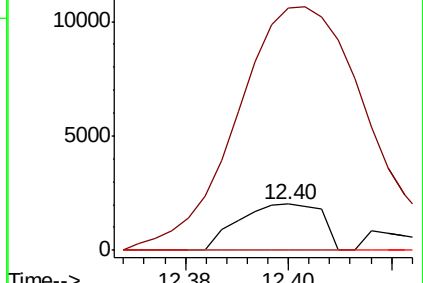
254 0.0 0.1 0.1#



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: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

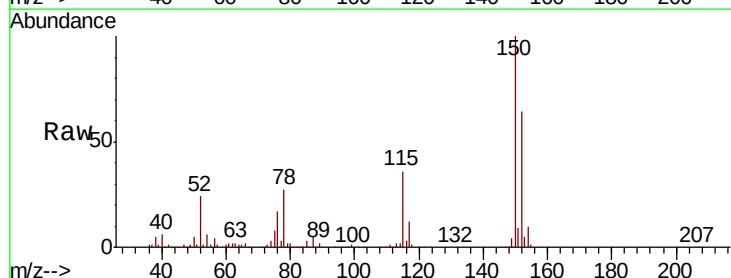
Tgt Ion:152 Resp: 247034

Ion Ratio Lower Upper

152 100

115 58.6 27.2 81.6

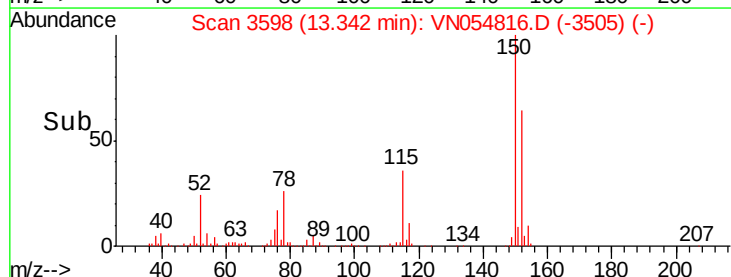
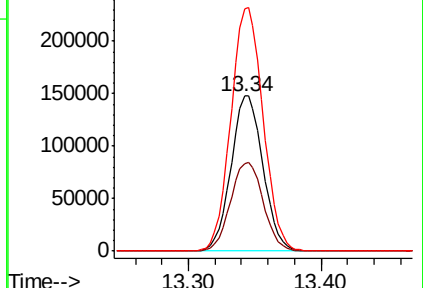
150 158.2 0.0 349.2

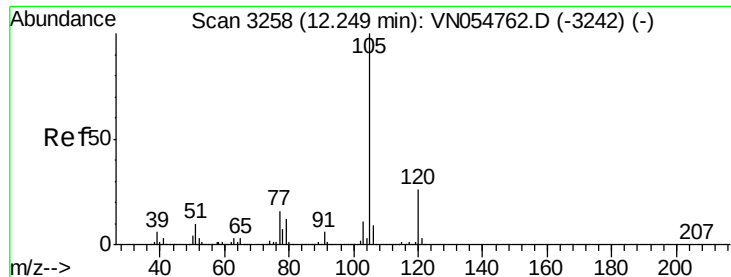


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.969 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

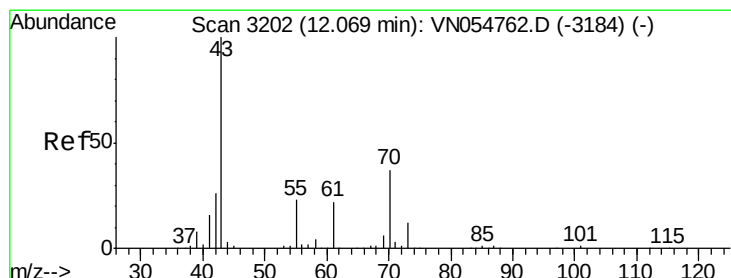
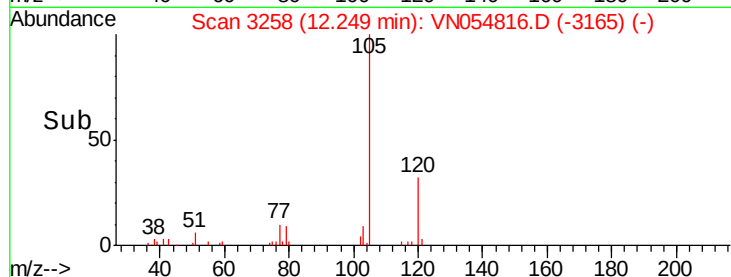
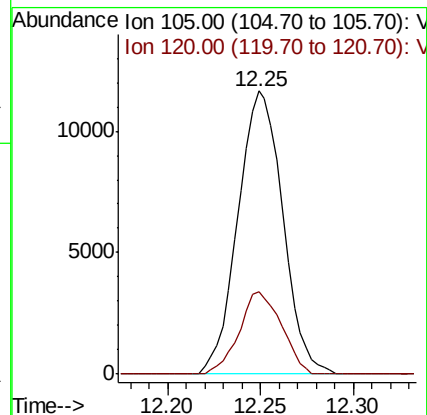
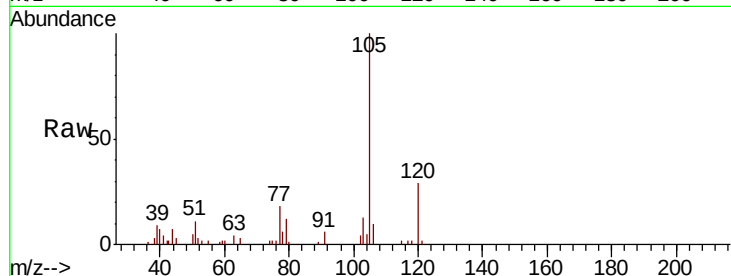
QNWP8-MW27S-GWDL

Tot Ion:105 Resp: 19572

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



#74

N-ethyl acetate

Concen: 0.239 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Tgt Ion: 43 Resp: 1501

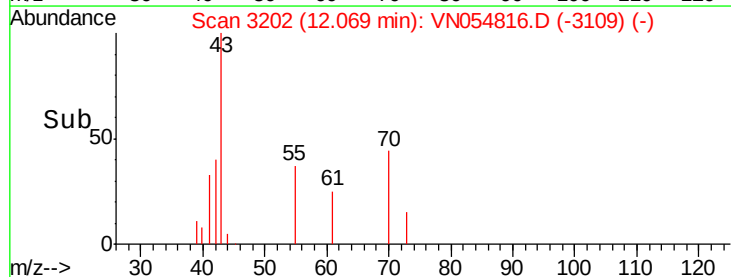
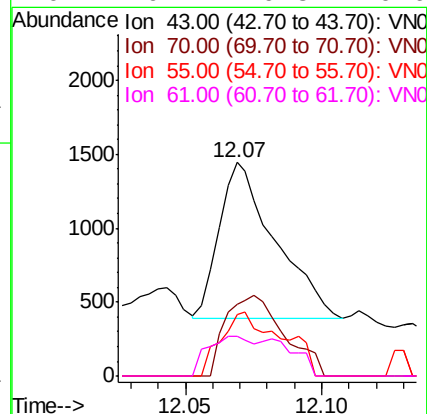
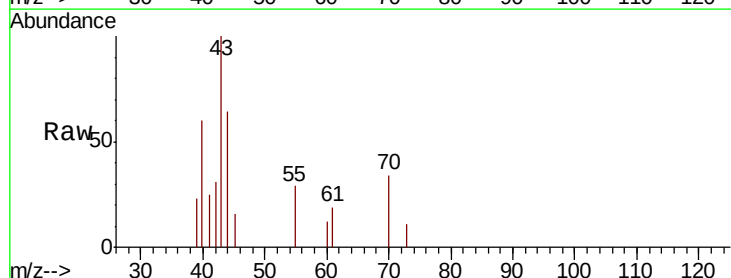
Ion Ratio Lower Upper

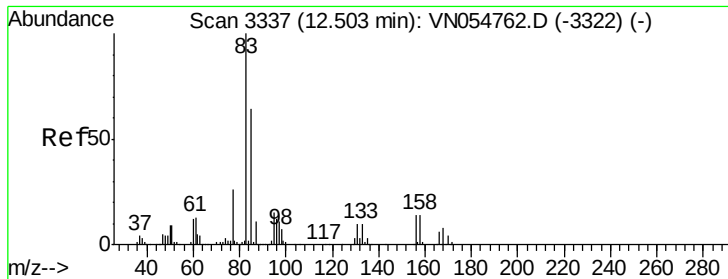
43 100

70 54.1 35.4 53.0#

55 44.9 19.8 29.6#

61 20.7 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW27S-GWDL

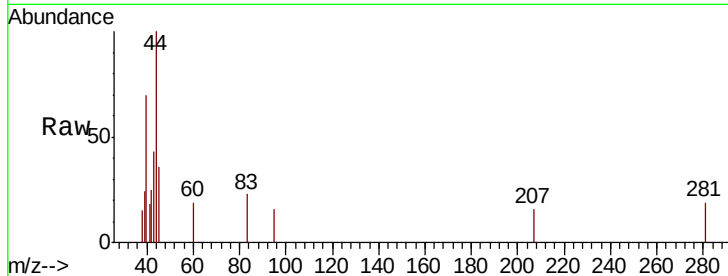
Tot Ion: 83 Resp: 124

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

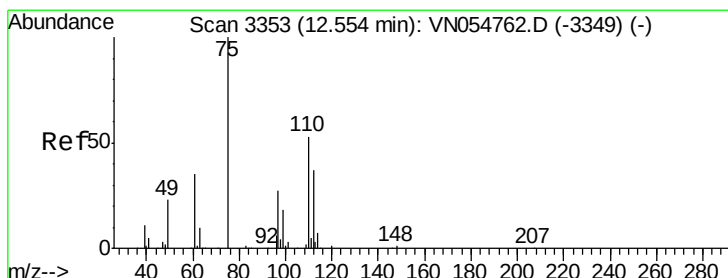
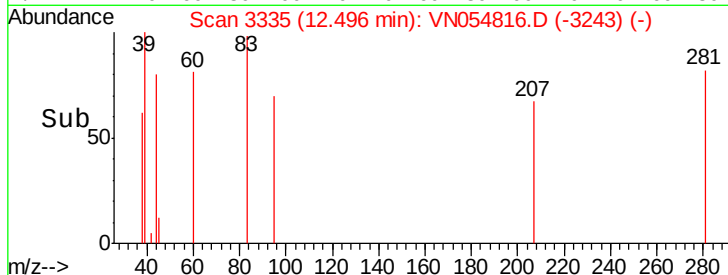
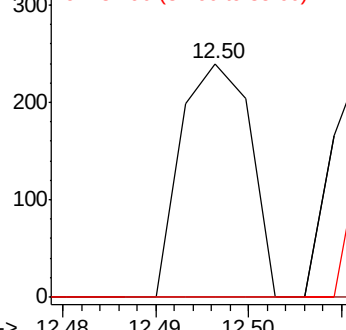
85 0.0 32.2 96.6#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 37.215 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054816.D

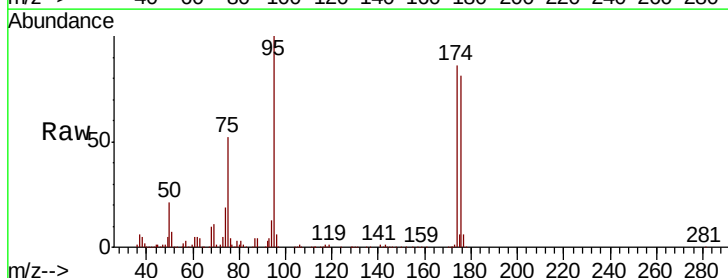
Acq: 30 Mar 2019 21:18

Tgt Ion: 75 Resp: 159709

Ion Ratio Lower Upper

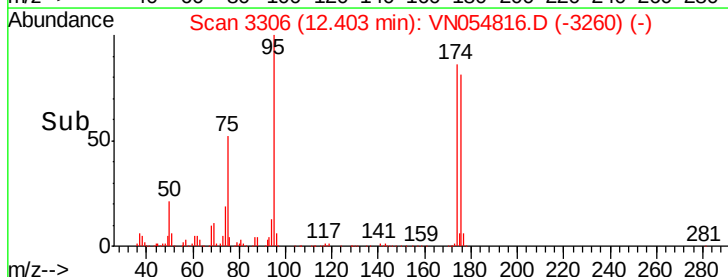
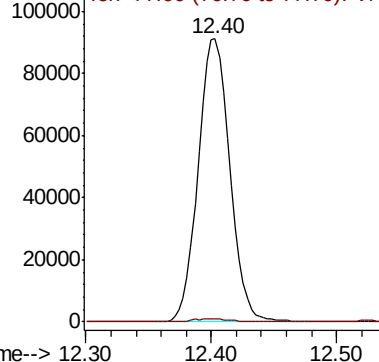
75 100

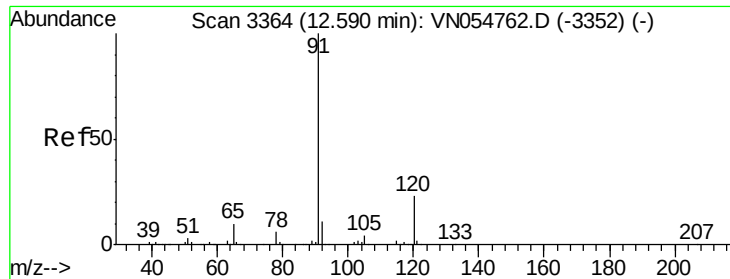
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#78

n-propylbenzene

Concen: 0.289 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

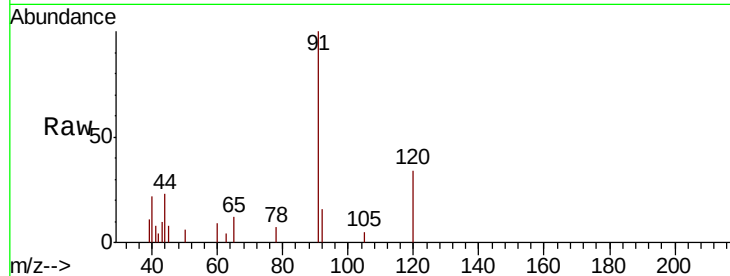
QNWP8-MW27S-GWDL

Tot Ion: 91 Resp: 6407

Ion Ratio Lower Upper

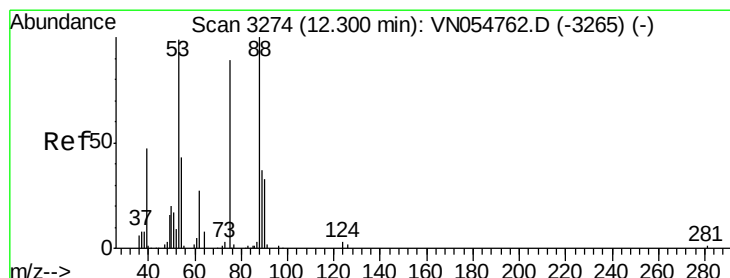
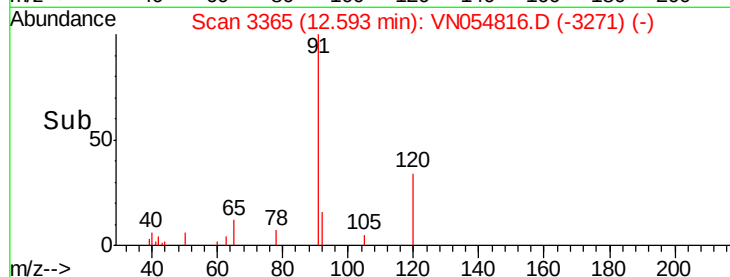
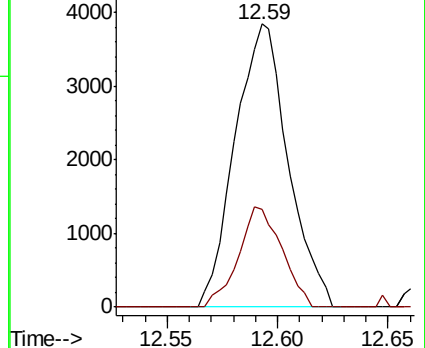
91 100

120 29.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): VN



#81

trans-1,4-Dichloro-2-butene

Concen: 144.756 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

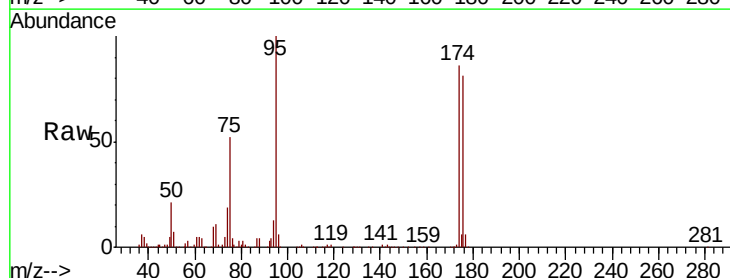
Tgt Ion: 75 Resp: 159709

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

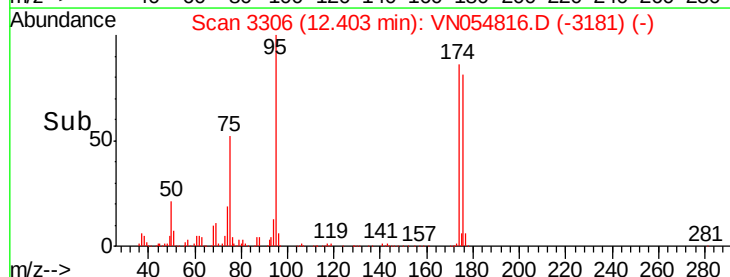
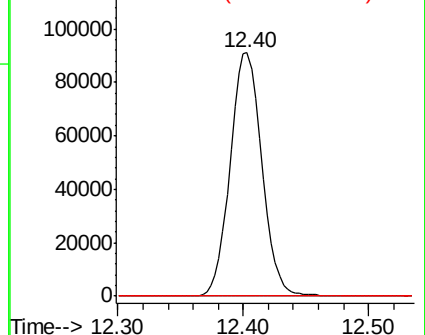
89 0.0 39.2 58.8#

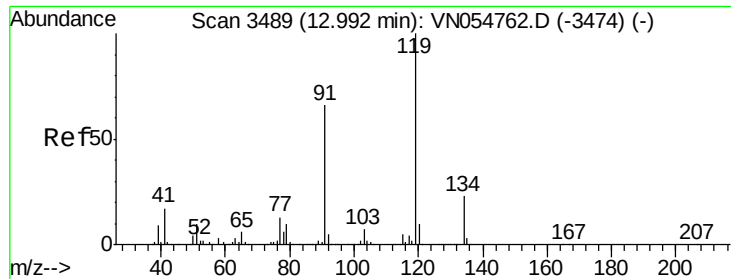


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

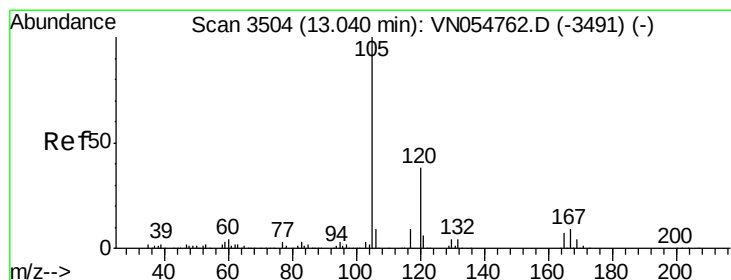
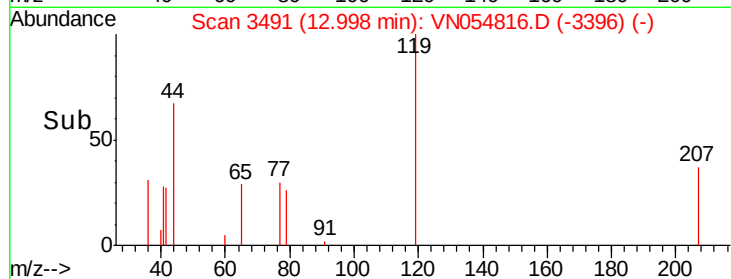
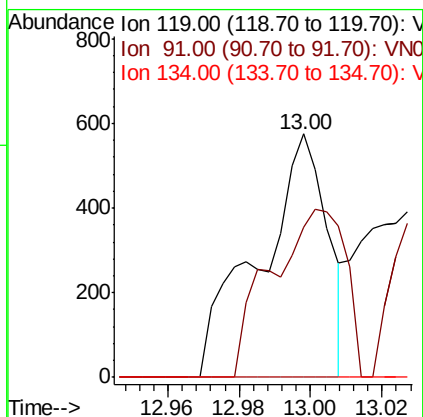
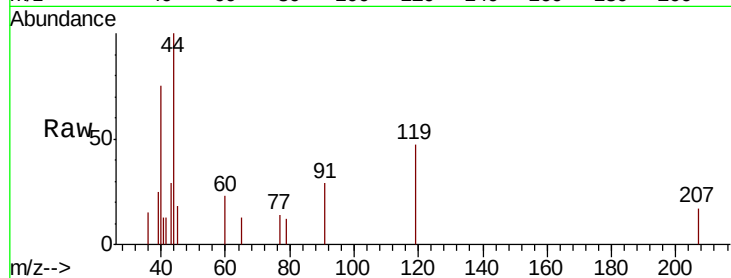




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.01 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

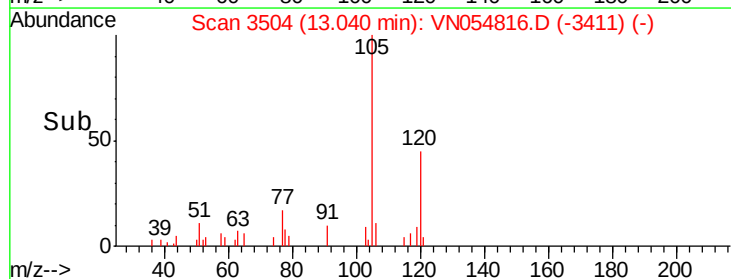
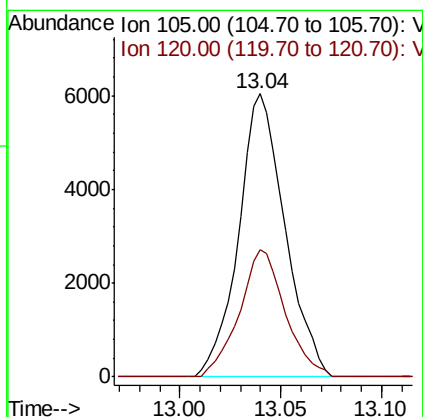
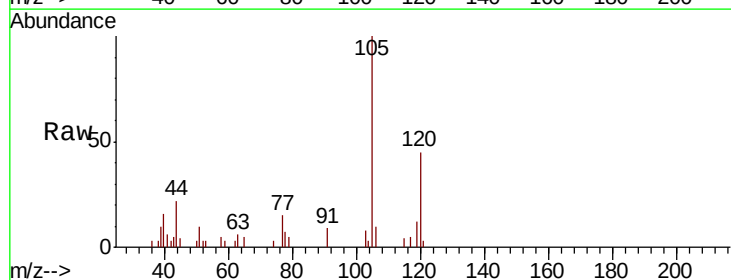
Instrument :
 MSVOA_N
 ClientSampleId :
 QNWP8-MW27S-GWDL

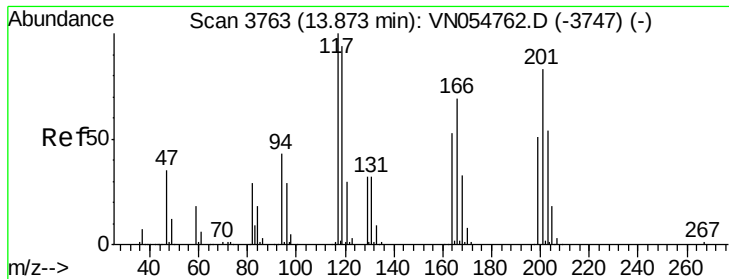
Tot Ion:119 Resp: 763
 Ion Ratio Lower Upper
 119 100
 91 75.0 30.9 92.8
 134 0.0 13.2 39.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.615 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

Tgt Ion:105 Resp: 9702
 Ion Ratio Lower Upper
 105 100
 120 44.5 23.4 70.3





#90

Hexachloroethane

Concen: 0.231 ug/l

RT: 13.94 min Scan# 3785

Delta R.T. 0.07 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

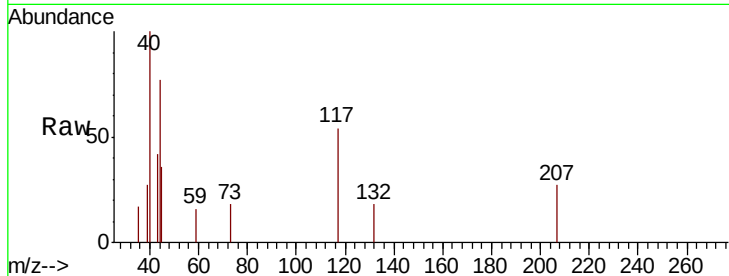
QNWP8-MW27S-GWDL

Tot Ion:117 Resp: 623

Ion Ratio Lower Upper

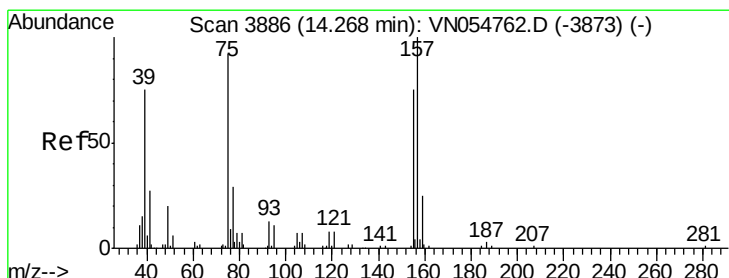
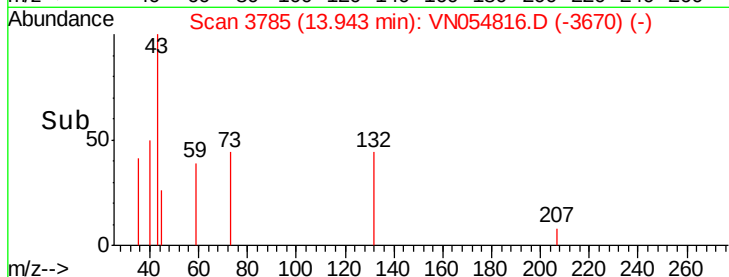
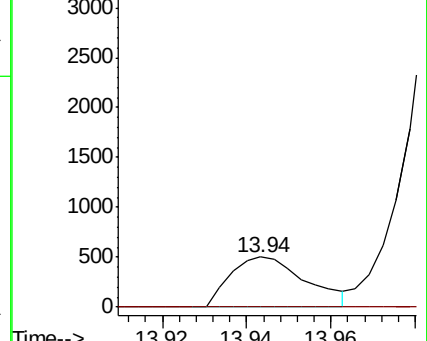
117 100

201 0.0 48.1 144.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.733 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

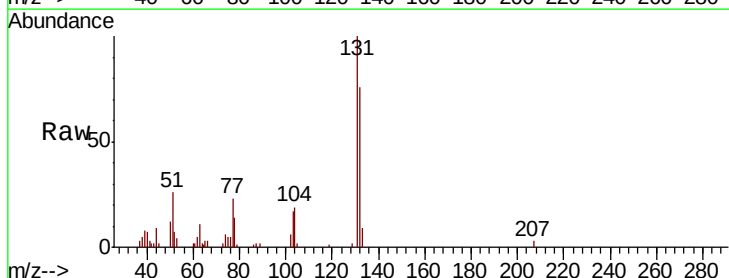
Tgt Ion: 75 Resp: 1196

Ion Ratio Lower Upper

75 100

155 0.0 50.1 150.3#

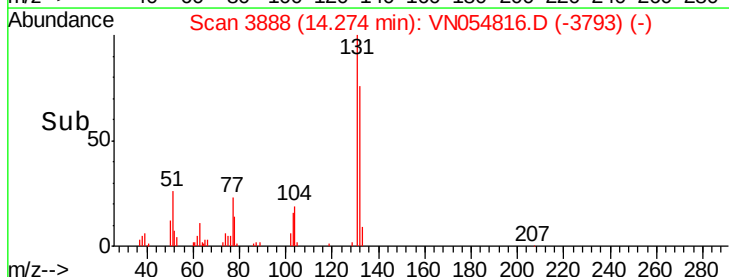
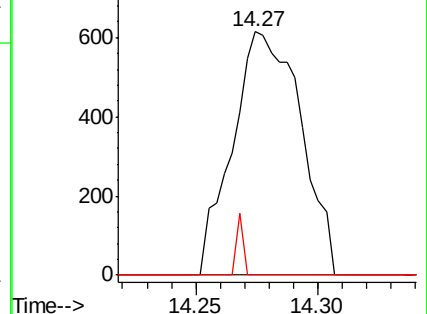
157 2.5 63.1 189.3#

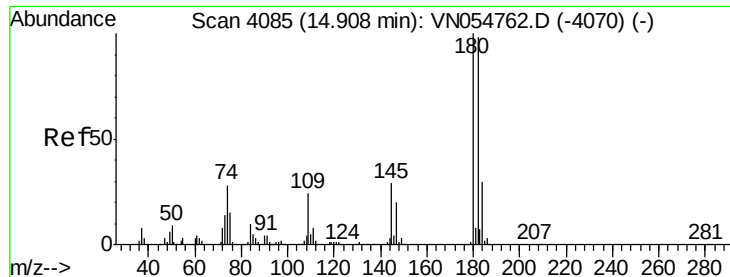


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

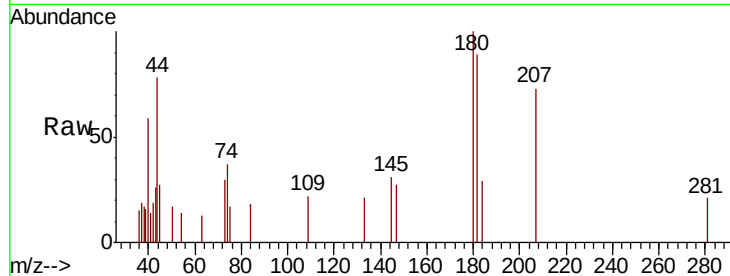




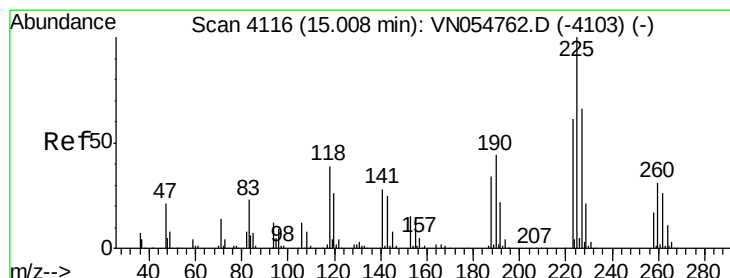
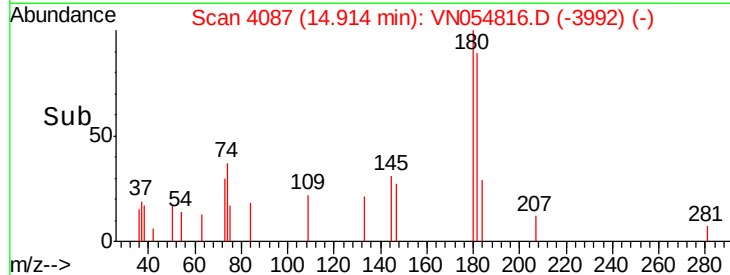
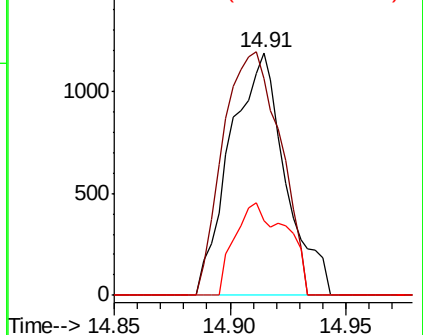
#93
 1,2,4-Trichlorobenzene
 Concen: 0.496 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.01 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

Instrument :
 MSVOA_N
 ClientSampleId :
 QNWP8-MW27S-GWDL

Tot Ion:180 Resp: 1969
 Ion Ratio Lower Upper
 180 100
 182 104.3 48.0 144.2
 145 35.5 14.2 42.8

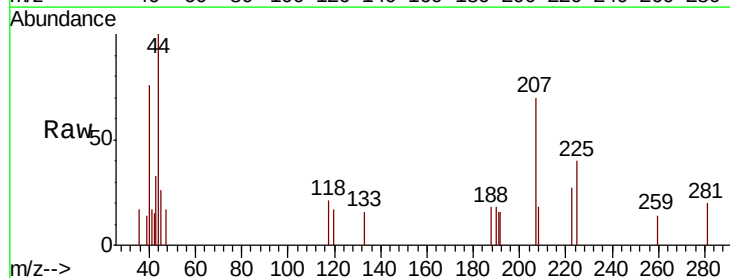


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

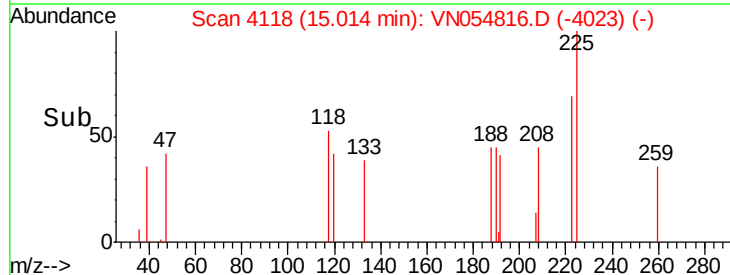
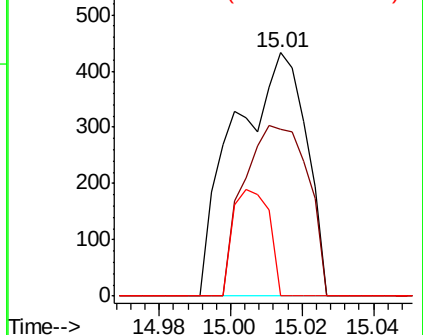


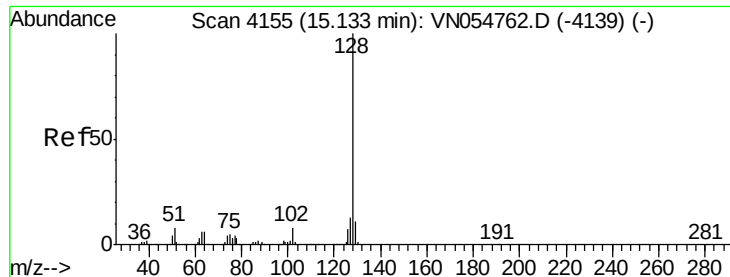
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.01 min
 Lab File: VN054816.D
 Acq: 30 Mar 2019 21:18

Tgt Ion:225 Resp: 599
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.5
 227 22.2 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





#95

Naphthalene

Concen: 9.442 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

Instrument :

MSVOA_N

ClientSampleId :

QNWP8-MW27S-GWDL

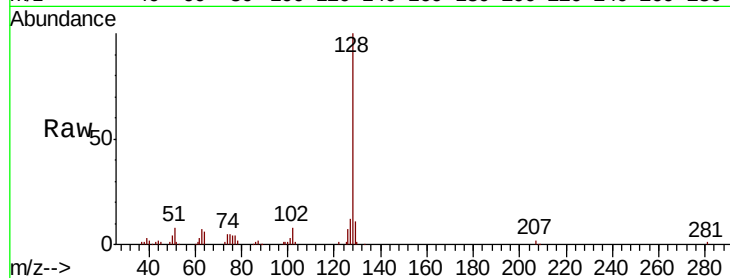
Tot Ion:128 Resp: 84062

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

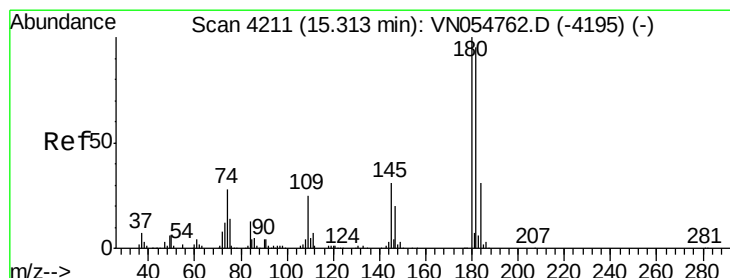
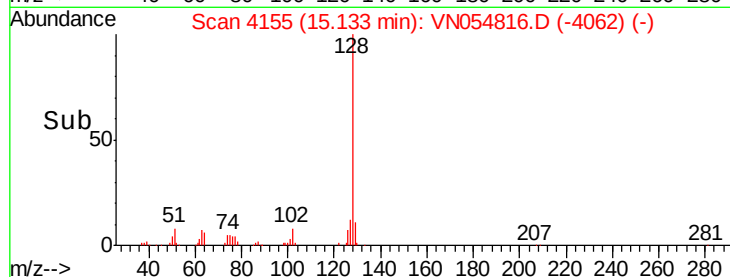
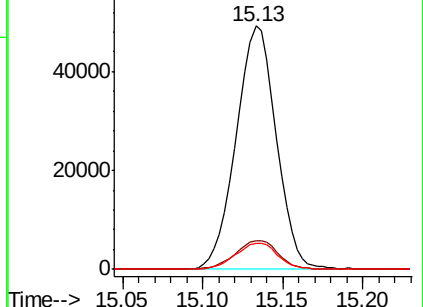
129 11.4 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 0.619 ug/l

RT: 15.32 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN054816.D

Acq: 30 Mar 2019 21:18

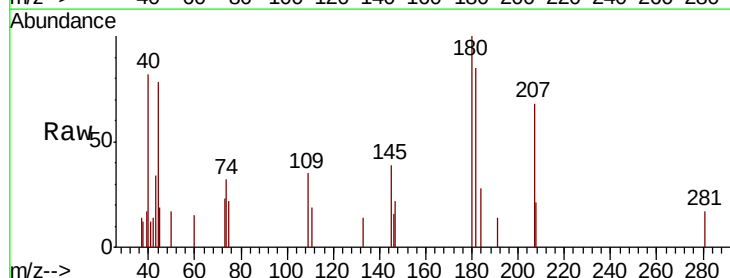
Tgt Ion:180 Resp: 2481

Ion Ratio Lower Upper

180 100

182 90.2 47.5 142.6

145 46.8 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

