

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054107.D
 Acq On : 5 Mar 2019 18:48
 Operator : JC/SP
 Sample : K1707-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S12

Quant Time: Mar 06 02:24:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1097207	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1047919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	351029	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	376359	52.43	ug/l	0.00
Spiked Amount						
			Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	352770	49.72	ug/l	0.00
Spiked Amount						
			Recovery	=	99.44%	
50) Toluene-d8	10.09	98	1385688	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	12.40	95	442365	50.27	ug/l	0.00
Spiked Amount						
			Recovery	=	100.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	12453	1.175	ug/l #	27
16) Acetone	3.82	43	11559	Below Cal		96
18) Methyl Acetate	4.33	43	3559	0.709	ug/l #	59
20) Methylene Chloride	4.55	84	284581	40.060	ug/l	91
25) 2-Butanone	6.85	43	1741	0.618	ug/l #	47
30) Chloroform	7.38	83	2842	0.234	ug/l	90
31) Cyclohexane	7.66	56	10490	0.508	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40388	3.958	ug/l #	47
38) Carbon Tetrachloride	7.67	117	51761	4.878	ug/l #	16
43) Isopropyl Acetate	8.17	43	27558	2.240	ug/l	93
48) Methyl methacrylate	9.18	41	9318	1.647	ug/l #	12
49) 1,4-Dioxane	9.27	88	30	0.391	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	7783	1.231	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	54767	4.615	ug/l #	70
56) Ethyl methacrylate	10.54	69	1054	2.067	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	7075	0.607	ug/l #	43
59) 2-Hexanone	10.76	43	106117	25.811	ug/l #	50
67) Ethyl Benzene	11.51	91	51535	1.390	ug/l	94
68) m/p-Xylenes	11.62	106	97012	6.933	ug/l	96
69) o-Xylene	11.95	106	49477	3.598	ug/l	99
71) Bromoform	12.40	173	3243	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	210811	37.437	ug/l #	100
78) n-propylbenzene	12.59	91	16716	0.538	ug/l	96
79) 2-Chlorotoluene	12.66	91	12416	0.665	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	84332	3.770	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	210811	118.323	ug/l #	15
82) 4-Chlorotoluene	12.73	91	9209	0.499	ug/l #	39
83) tert-Butylbenzene	13.04	119	44148	2.231	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.04	105	354291	15.864	ug/l	98
85) sec-Butylbenzene	13.04	105	354291	13.111	ug/l #	56
86) p-Isopropyltoluene	13.24	119	7943	0.348	ug/l	96
90) Hexachloroethane	13.89	117	1993	0.450	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	58	2.231	ug/l #	1
95) Naphthalene	15.13	128	7786	3.736	ug/l #	90

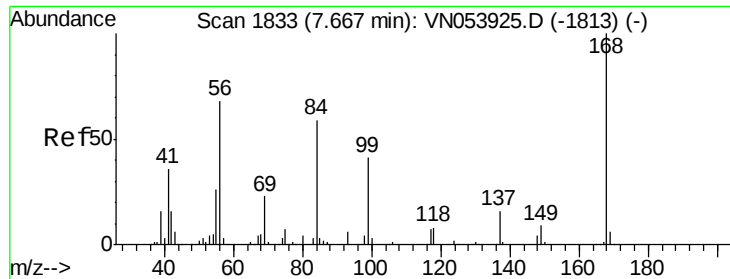
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
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QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

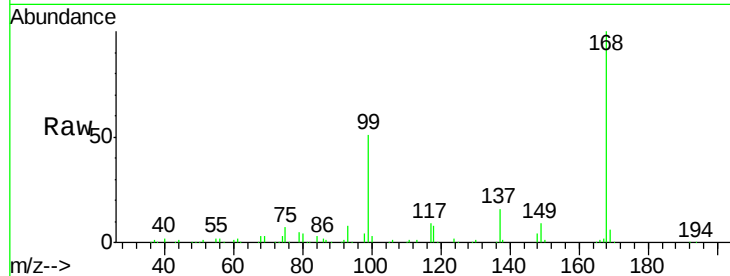
S12

Tot Ion:168 Resp: 612310

Ion Ratio Lower Upper

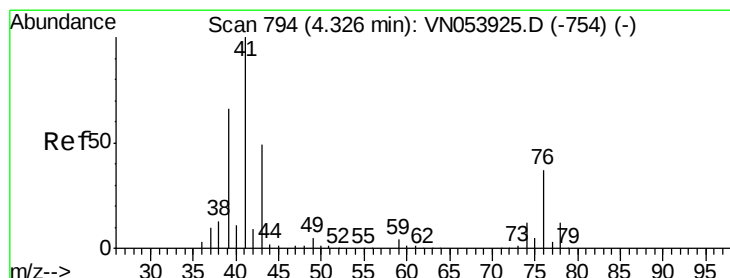
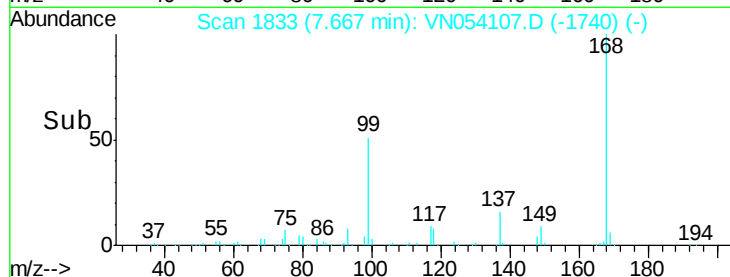
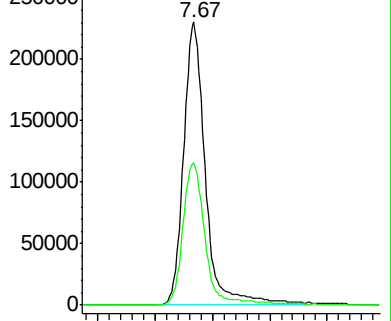
168 100

99 50.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 1.175 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

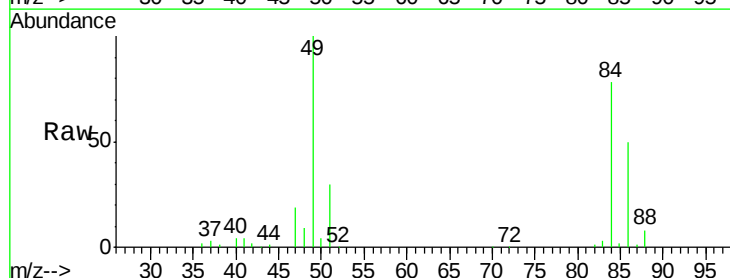
Tgt Ion: 41 Resp: 12453

Ion Ratio Lower Upper

41 100

39 0.2 48.8 73.2#

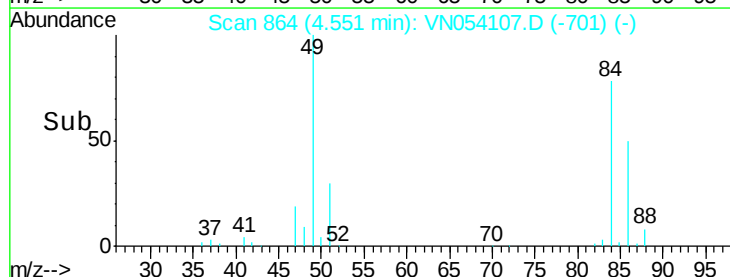
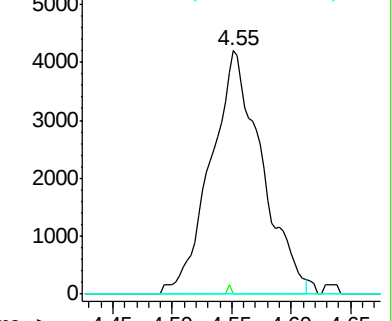
76 0.0 30.9 46.3#

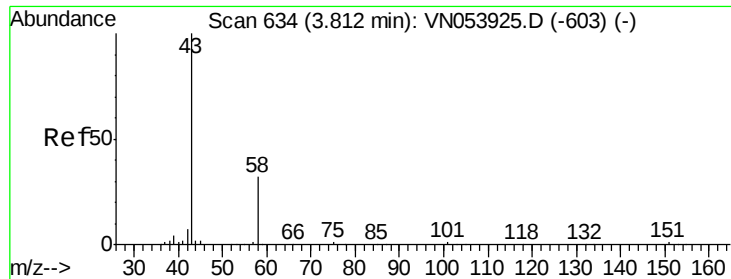


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

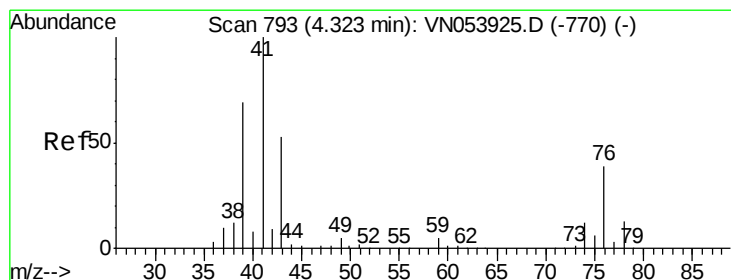
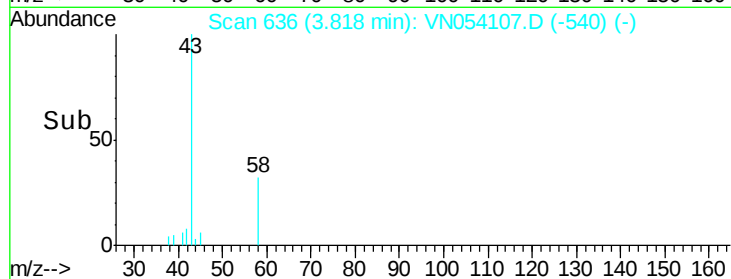
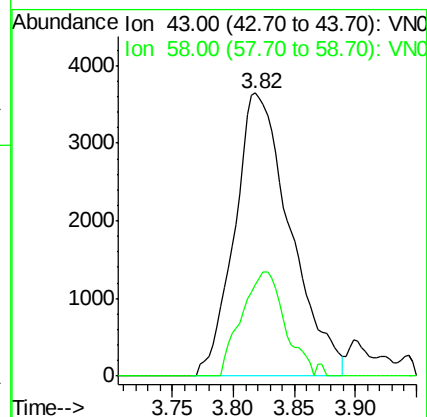
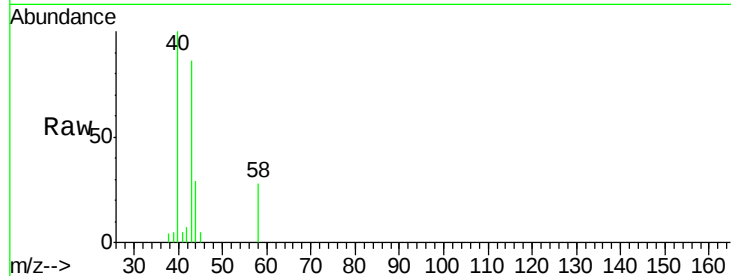
S12

Tot Ion: 43 Resp: 11559

Ion Ratio Lower Upper

43 100

58 32.2 27.6 41.4



#18

Methyl Acetate

Concen: 0.709 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN054107.D

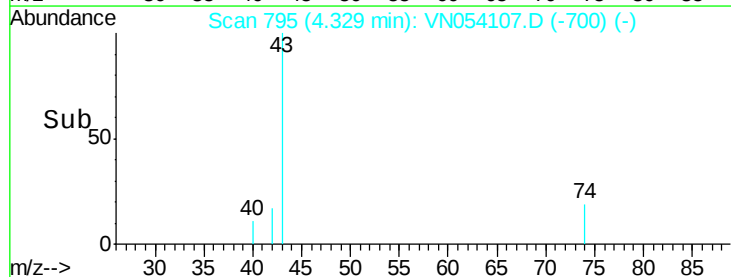
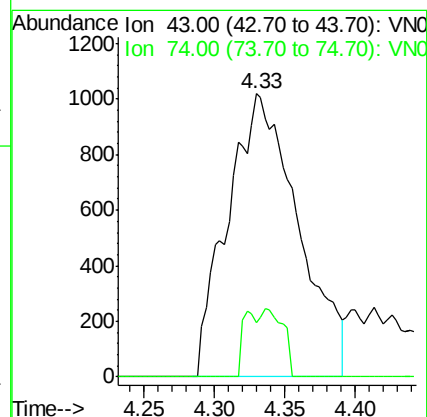
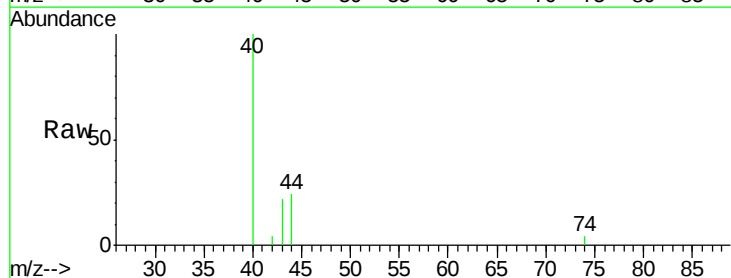
Acq: 5 Mar 2019 18:48

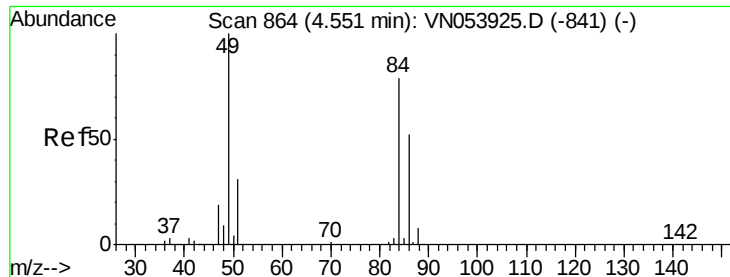
Tgt Ion: 43 Resp: 3559

Ion Ratio Lower Upper

43 100

74 4.7 20.5 30.7#

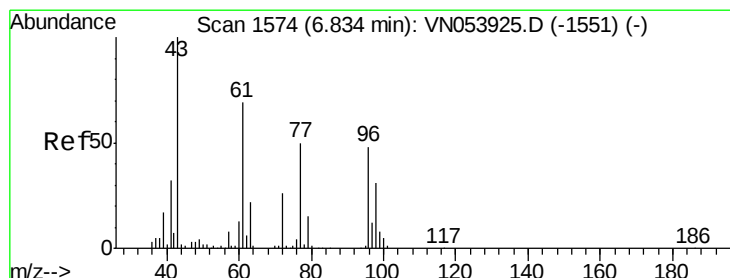
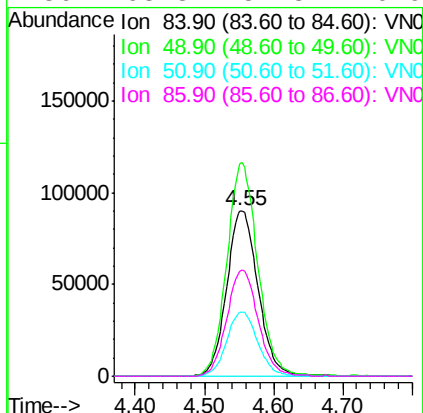
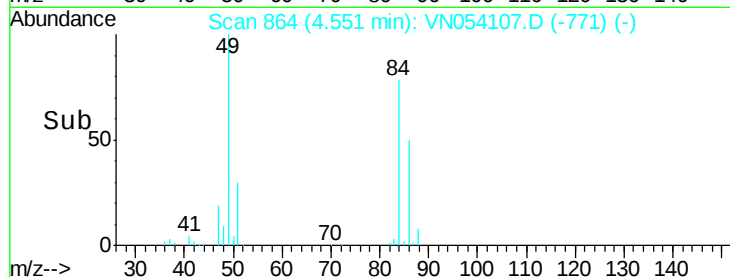
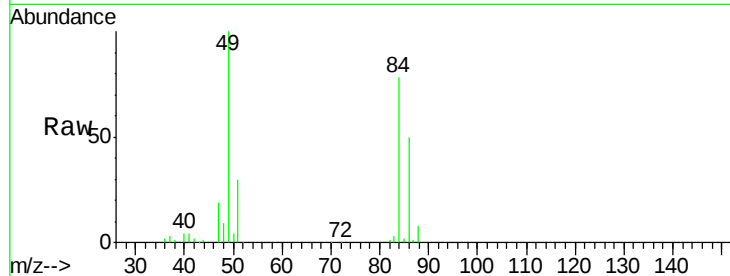




#20
Methylene Chloride
Concen: 40.060 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

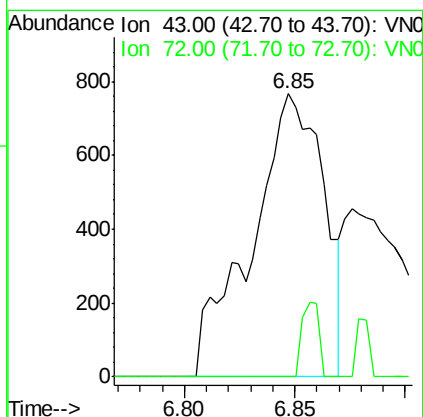
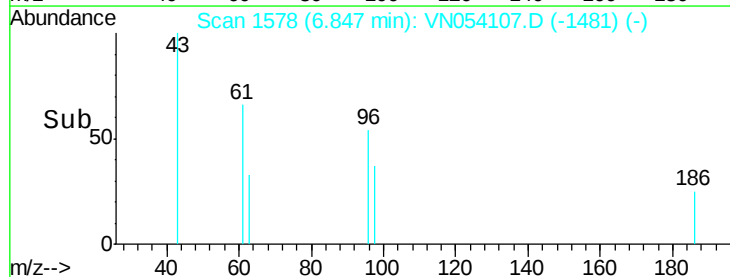
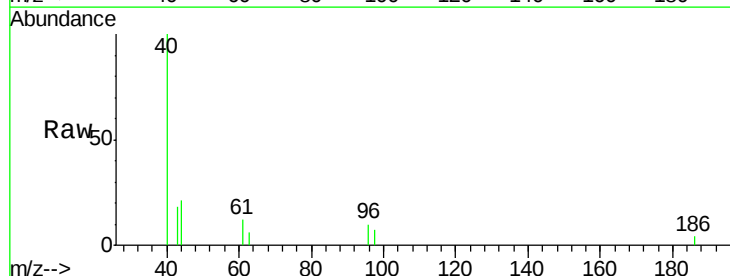
Instrument :
MSVOA_N
ClientSampled :
S12

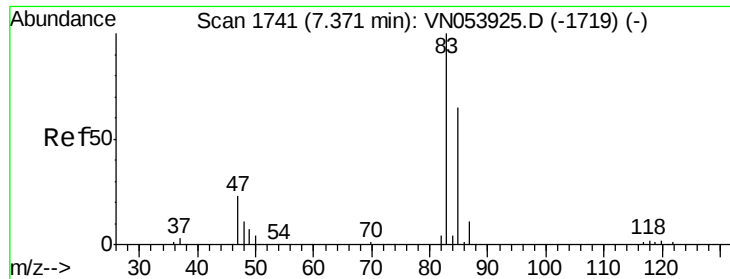
Tot Ion: 84 Resp: 284581
Ion Ratio Lower Upper
84 100
49 128.7 89.7 134.5
51 38.7 27.8 41.8
86 63.8 51.3 76.9



#25
2-Butanone
Concen: 0.618 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 43 Resp: 1741
Ion Ratio Lower Upper
43 100
72 0.0 22.1 33.1#

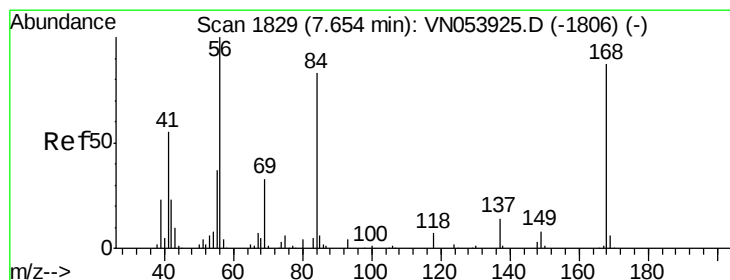
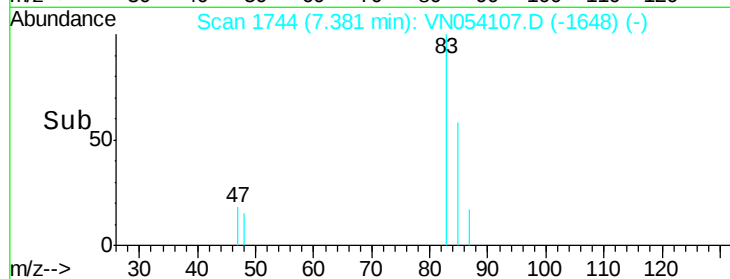
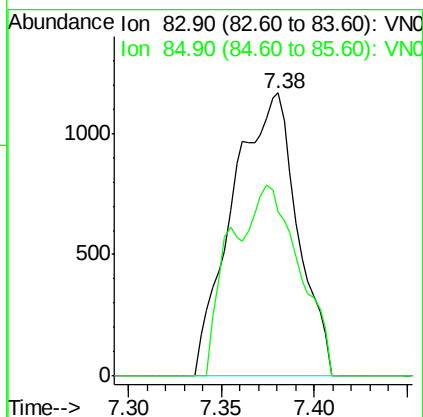
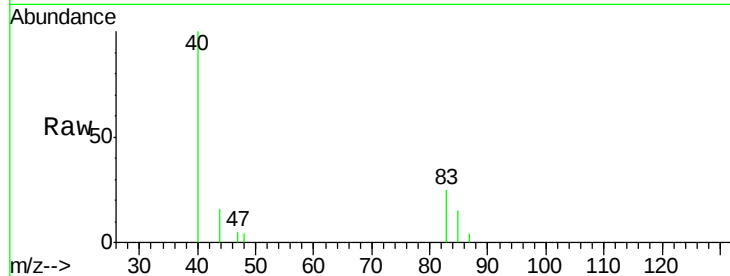




#30
Chloroform
Concen: 0.234 ug/l
RT: 7.38 min Scan# 1744
Delta R.T. 0.01 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

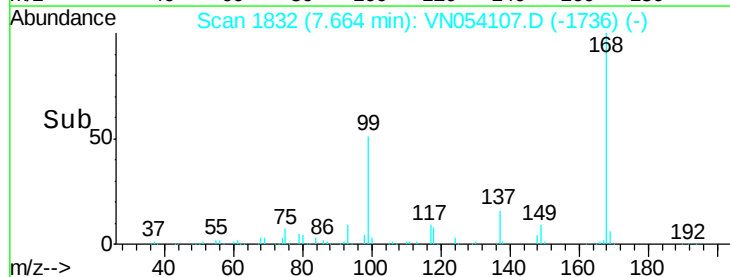
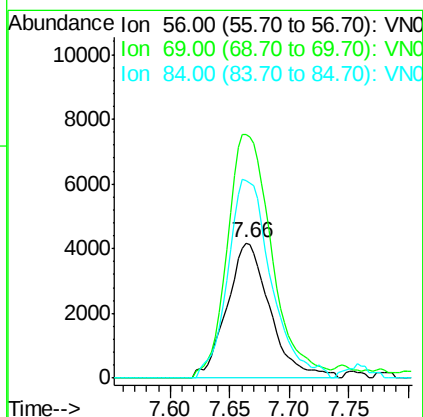
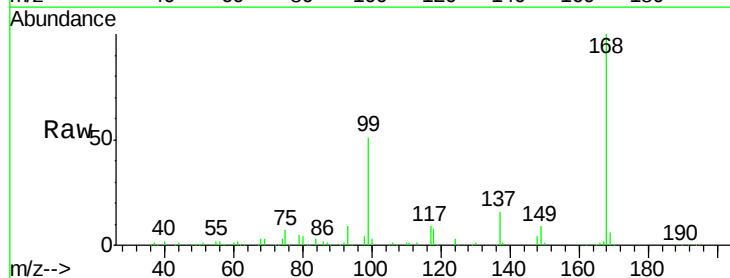
Instrument :
MSVOA_N
ClientSampled :
S12

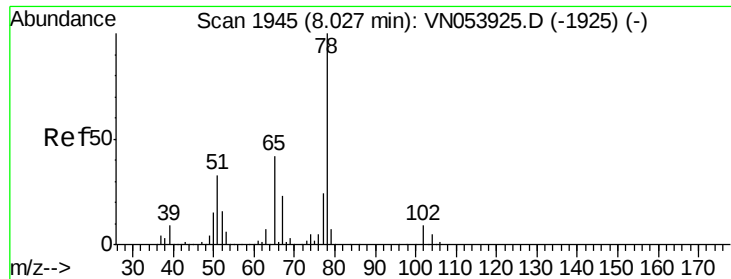
Tot Ion: 83 Resp: 2842
Ion Ratio Lower Upper
83 100
85 57.9 52.6 78.8



#31
Cyclohexane
Concen: 0.508 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 56 Resp: 10490
Ion Ratio Lower Upper
56 100
69 180.3 26.0 39.0#
84 146.4 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 52.435 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

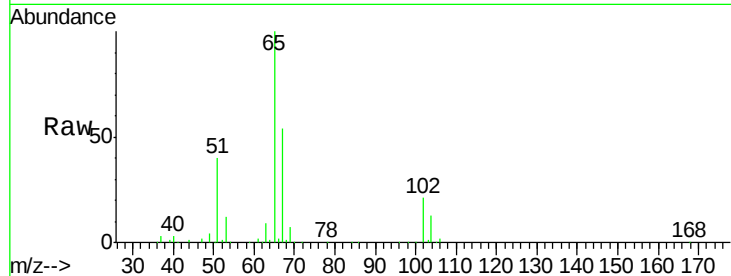
S12

Tot Ion: 65 Resp: 376359

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN054107.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054107.D (-1852) (-)

8.03

150000

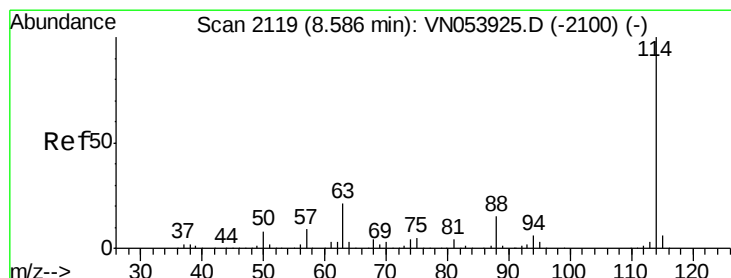
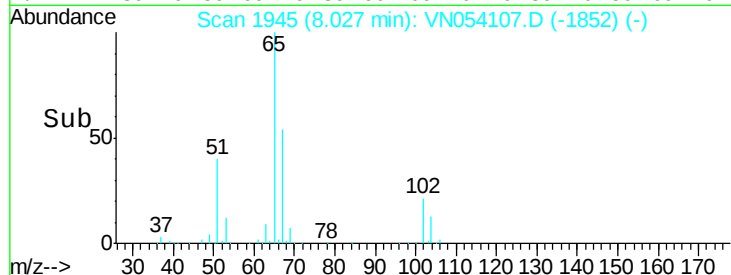
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

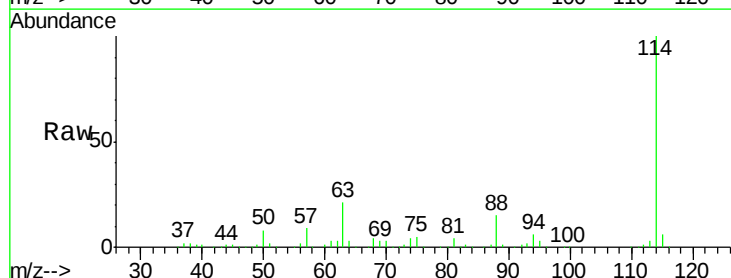
Tgt Ion: 114 Resp: 1097207

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN054107.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN054107.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054107.D (-2026) (-)

8.59

600000

500000

400000

300000

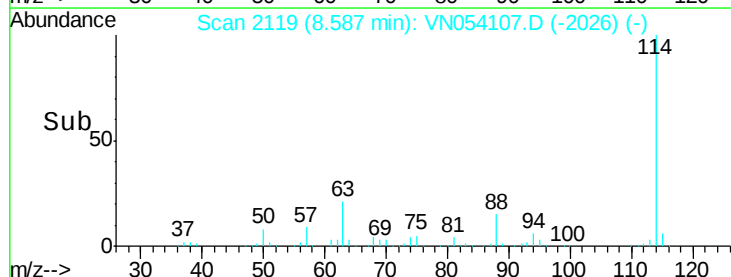
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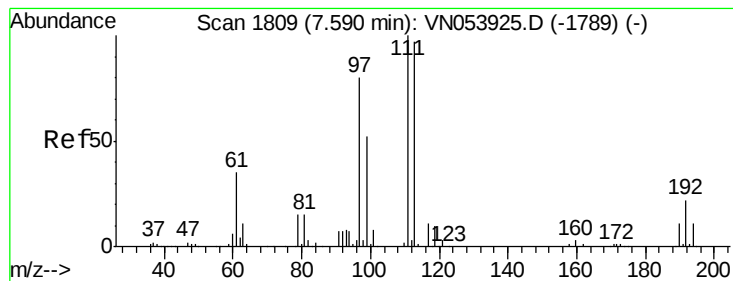
100000

0

8.40 8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 49.720 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :
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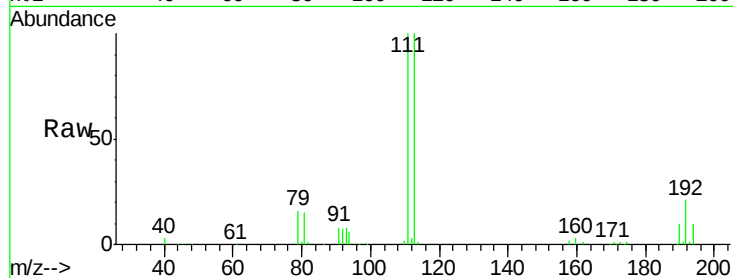
Tot Ion:113 Resp: 352770

Ion Ratio Lower Upper

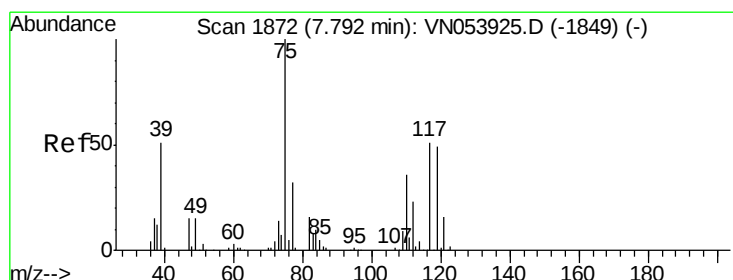
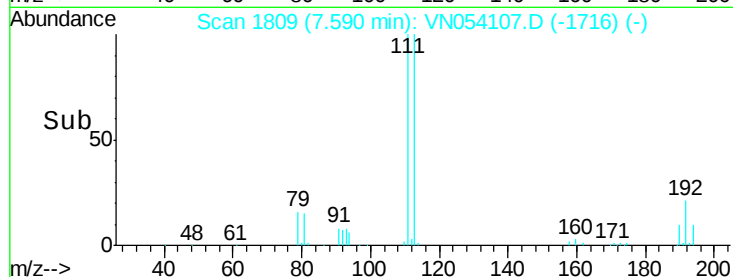
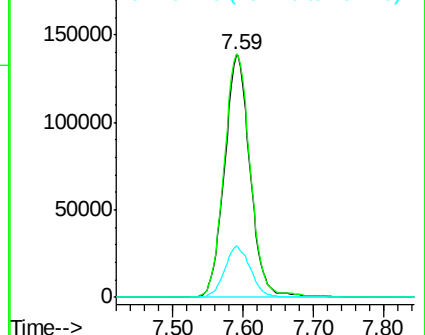
113 100

111 102.5 81.1 121.7

192 21.2 18.8 28.2



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: 3.958 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

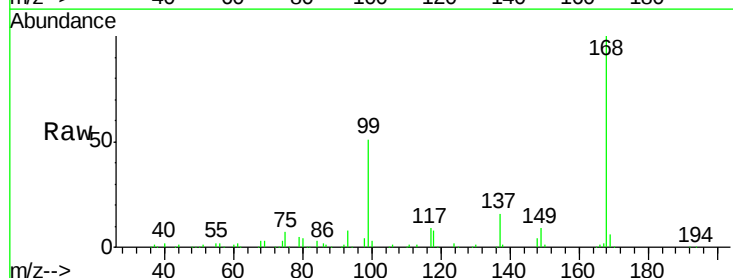
Tgt Ion: 75 Resp: 40388

Ion Ratio Lower Upper

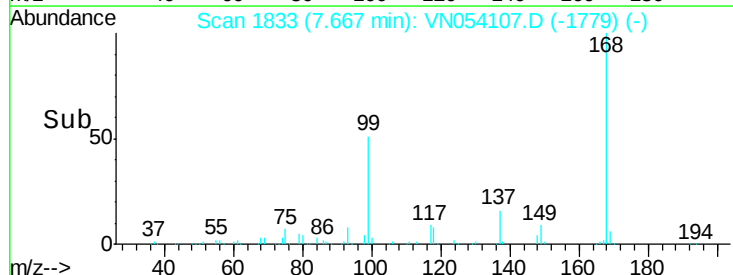
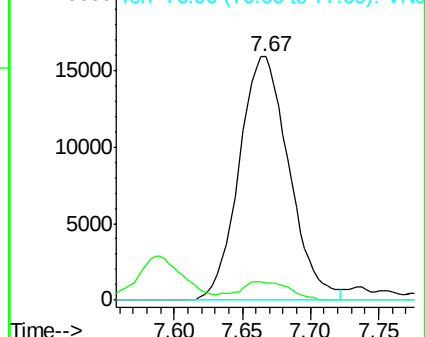
75 100

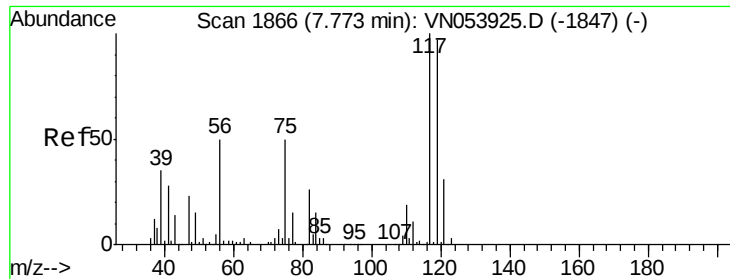
110 7.7 19.0 57.0#

77 0.0 25.4 38.0#



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: 4.878 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

S12

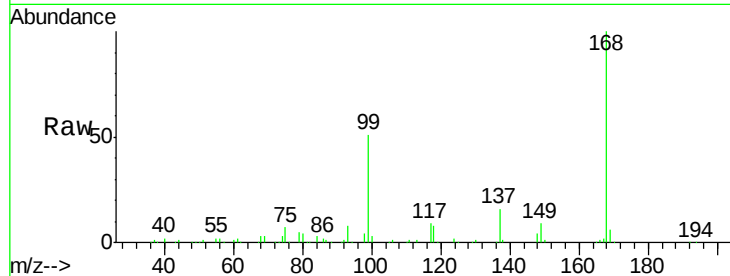
Tot Ion:117 Resp: 51761

Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

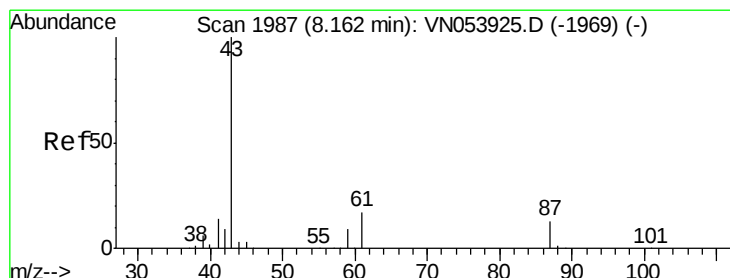
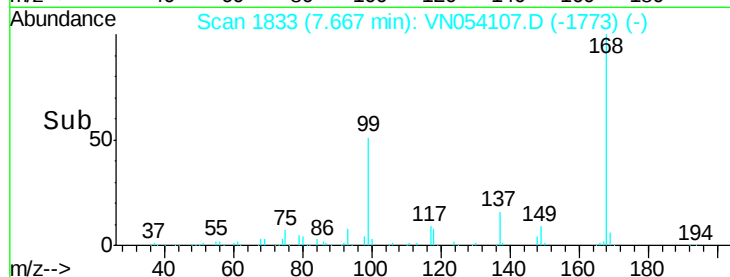
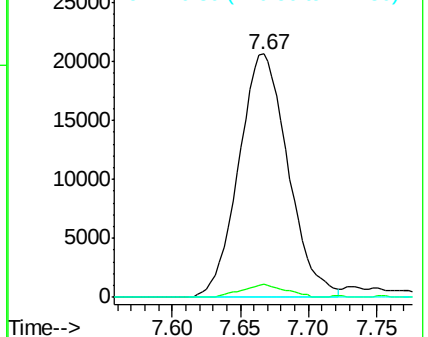
121 0.0 24.6 36.8#



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



#43

Isopropyl Acetate

Concen: 2.240 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

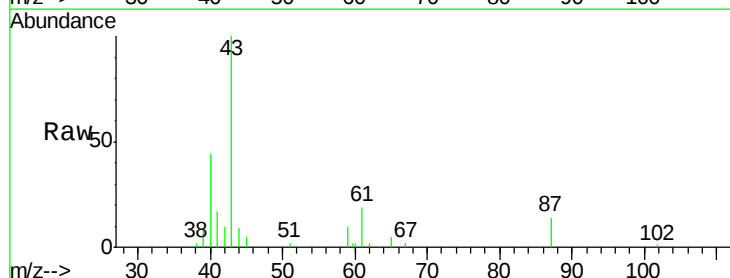
Tgt Ion: 43 Resp: 27558

Ion Ratio Lower Upper

43 100

61 18.1 17.4 26.0

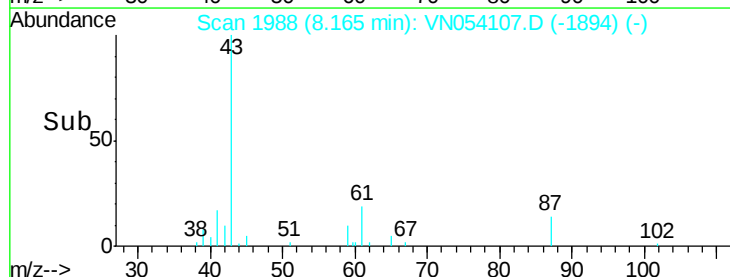
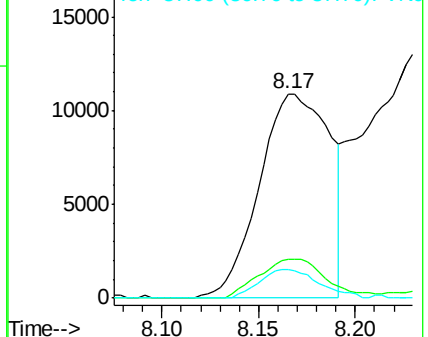
87 11.8 11.5 17.3

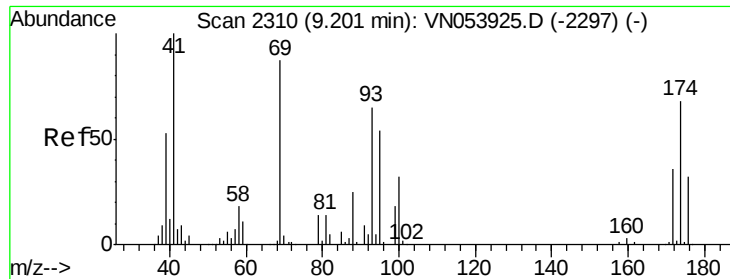


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

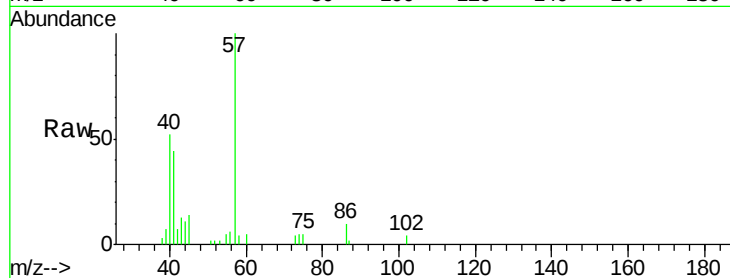




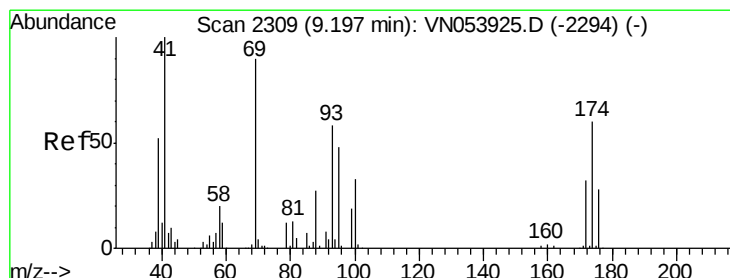
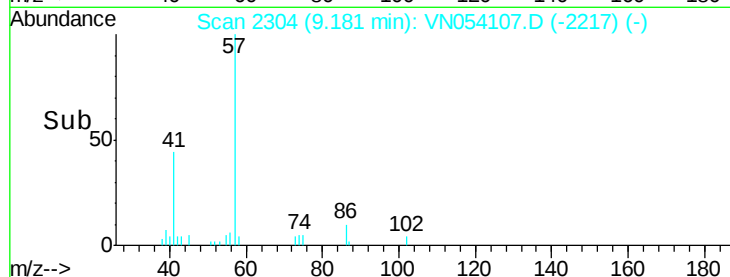
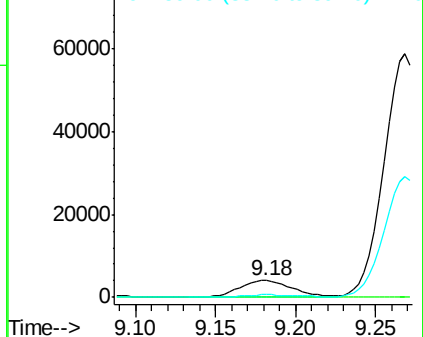
#48
Methyl methacrylate
Concen: 1.647 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Instrument :
MSVOA_N
ClientSampleId :
S12

Tot Ion: 41 Resp: 9318
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#

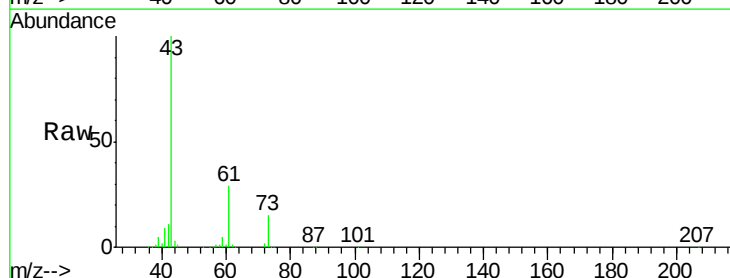


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

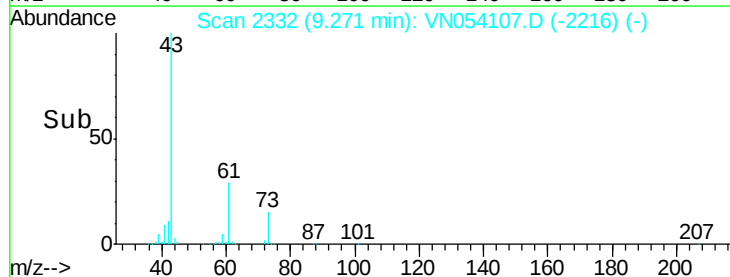
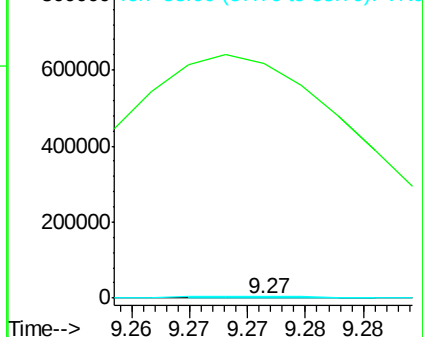


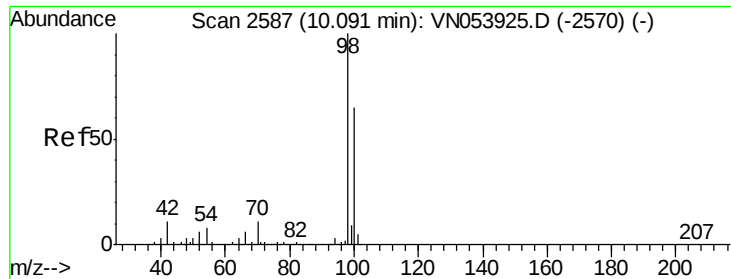
#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 4295700.0 21.2 31.8#
58 22696.7 54.2 81.2#



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





#50

Toluene-d8

Concen: 52.464 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

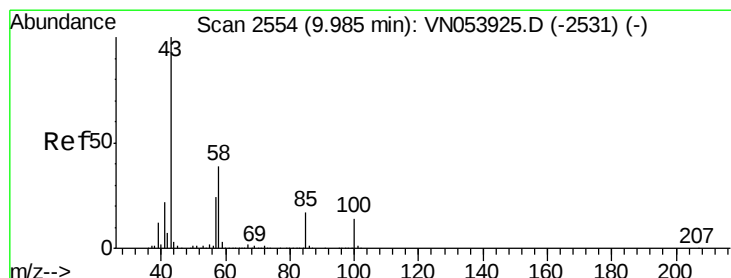
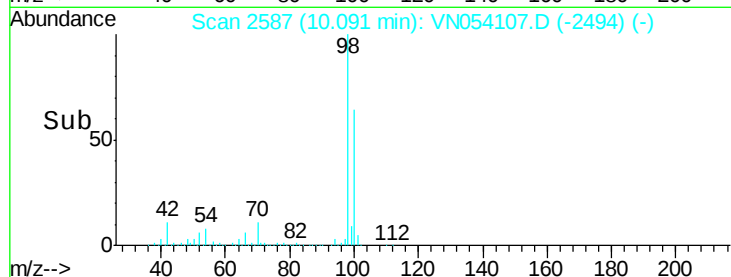
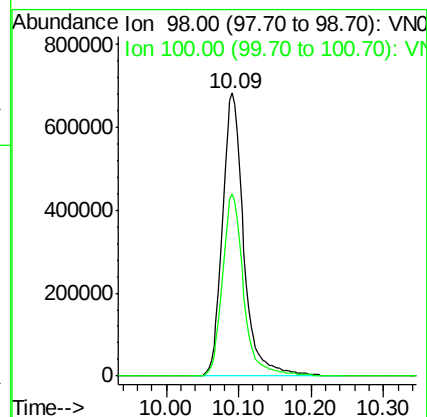
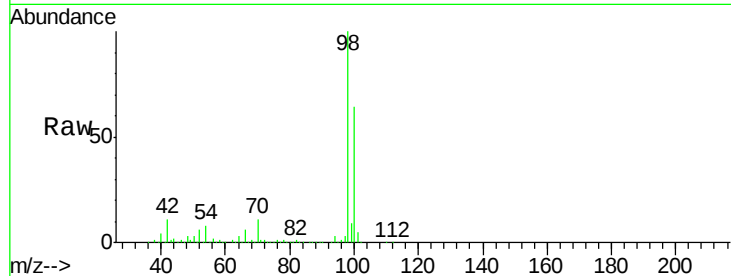
S12

Tot Ion: 98 Resp: 1385688

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.231 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054107.D

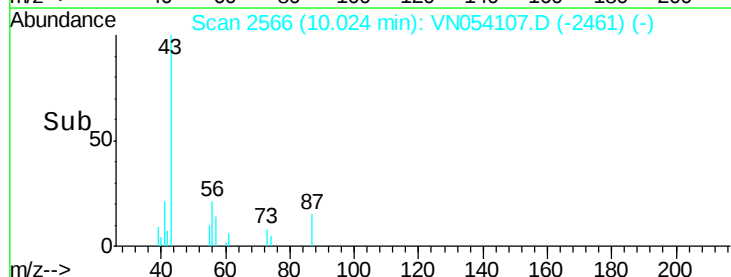
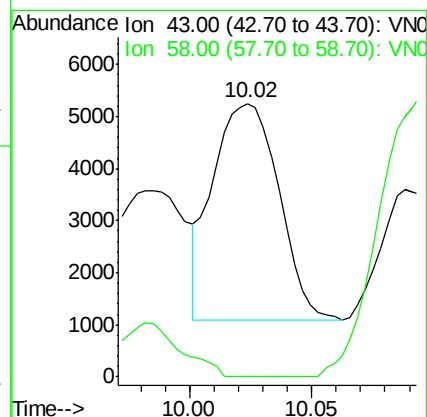
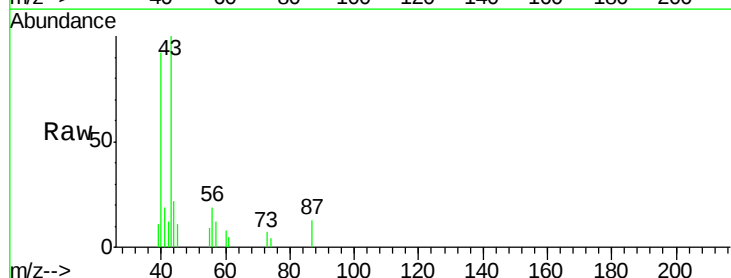
Acq: 5 Mar 2019 18:48

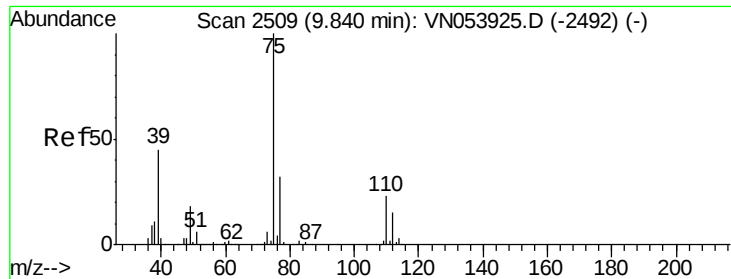
Tgt Ion: 43 Resp: 7783

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



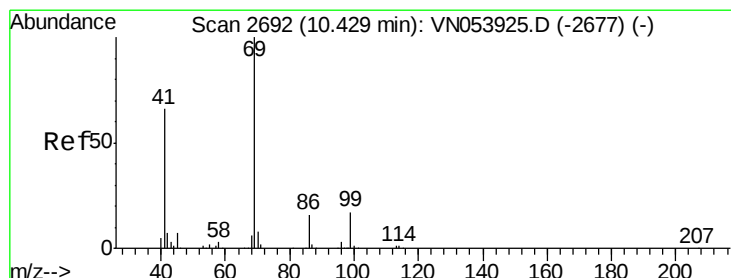
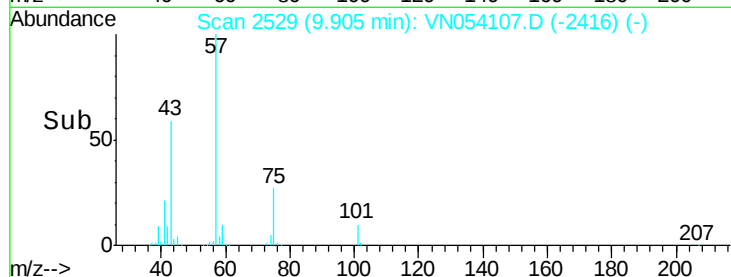
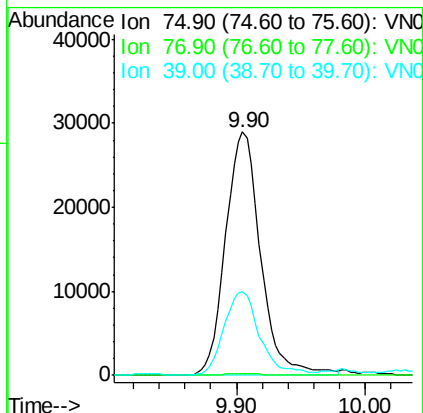
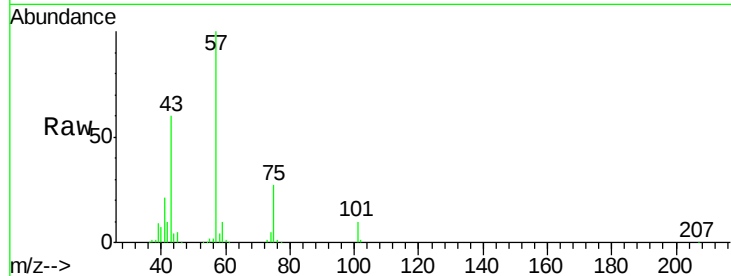


#54

cis-1,3-Dichloropropene
 Concen: 4.615 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 S12

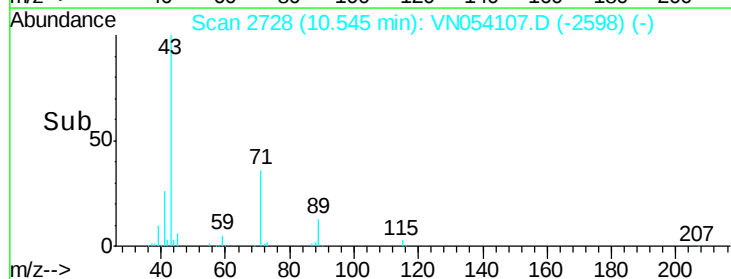
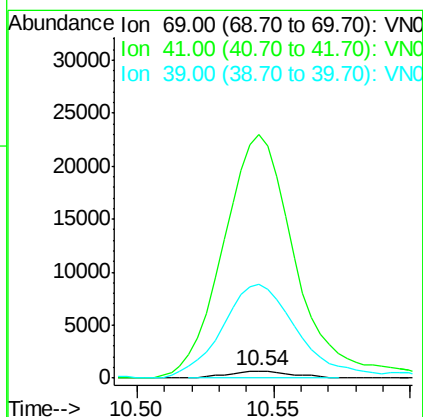
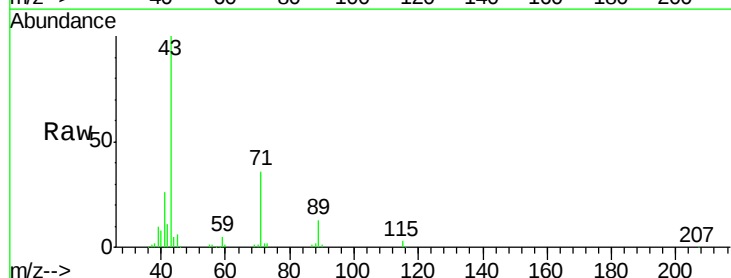
Tot Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.8	38.6#
39	34.2	31.4	47.0

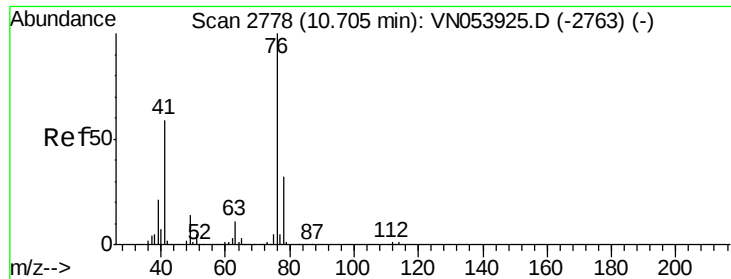


#56

Ethyl methacrylate
 Concen: 2.067 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Tgt Ion	Ratio	Lower	Upper
69	100		
41	4022.0	47.5	71.3#
39	1609.5	23.4	35.0#

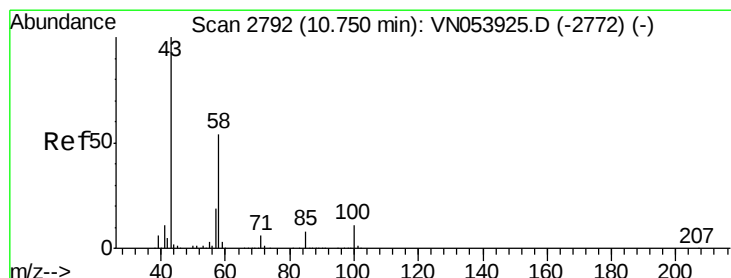
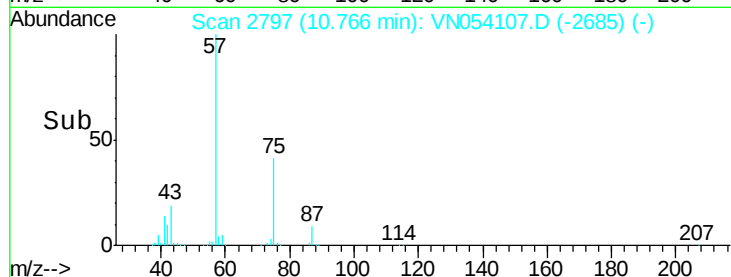
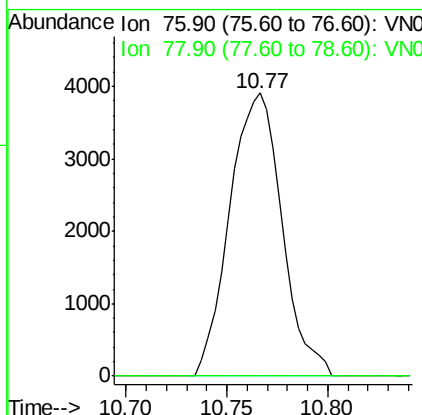
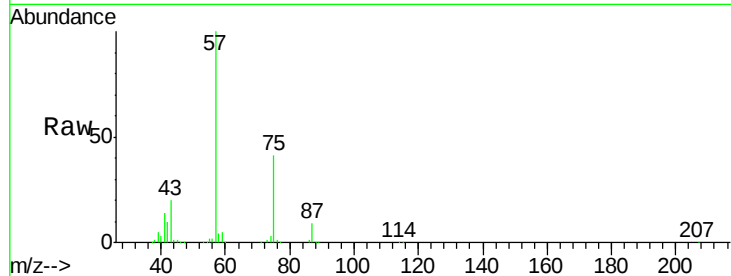




#57
 1,3-Dichloropropane
 Concen: 0.607 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

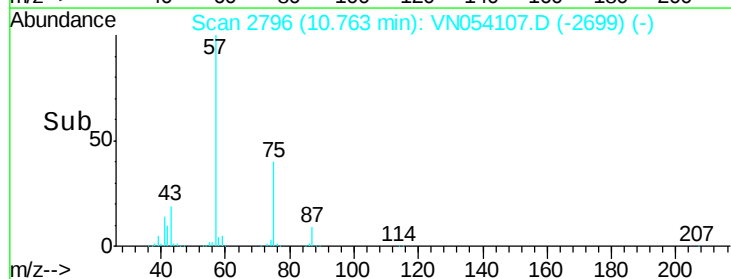
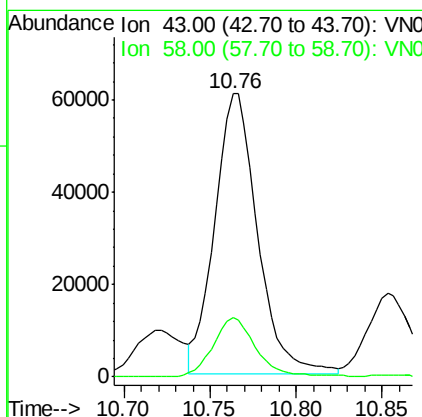
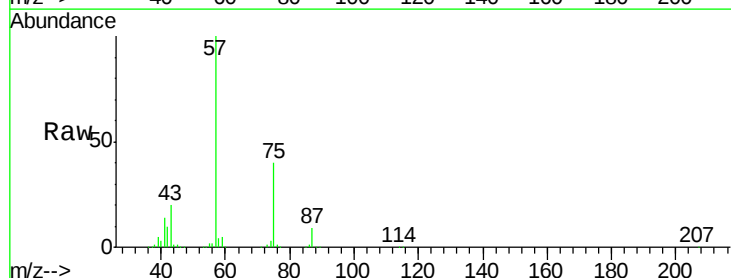
Instrument :
 MSVOA_N
 ClientSampled :
 S12

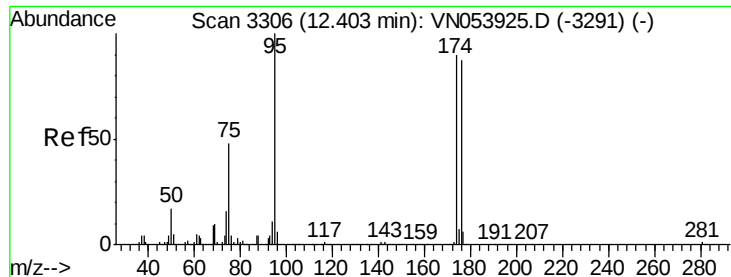
Tot Ion: 76 Resp: 7075
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#59
 2-Hexanone
 Concen: 25.811 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Tgt Ion: 43 Resp: 106117
 Ion Ratio Lower Upper
 43 100
 58 21.0 29.1 87.4#





#62

4-Bromofluorobenzene

Concen: 50.270 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampleId :

S12

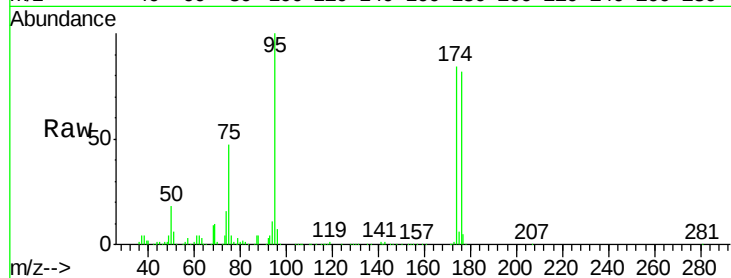
Tot Ion: 95 Resp: 442365

Ion Ratio Lower Upper

95 100

174 86.1 0.0 188.8

176 83.8 0.0 182.6

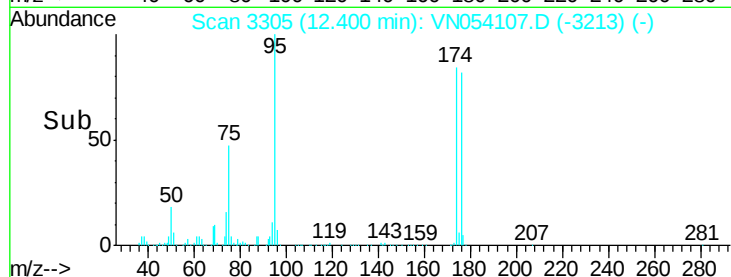


Abundance Ion 94.90 (94.60 to 95.60): VN054107.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN054107.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN054107.D (-3213) (-)

Time-->



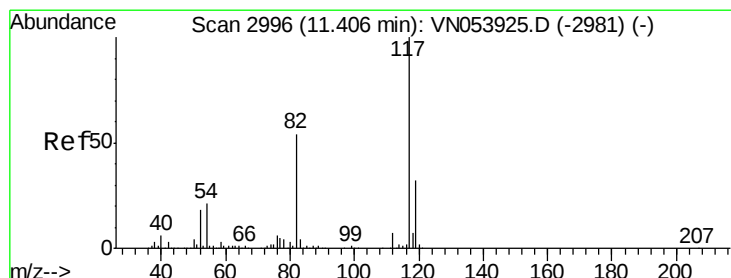
Abundance

Ion 94.90 (94.60 to 95.60): VN054107.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN054107.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN054107.D (-3213) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

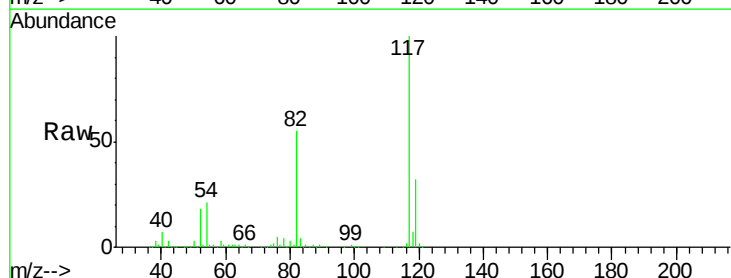
Tgt Ion: 117 Resp: 1047919

Ion Ratio Lower Upper

117 100

82 55.2 41.4 62.2

119 31.8 25.3 37.9

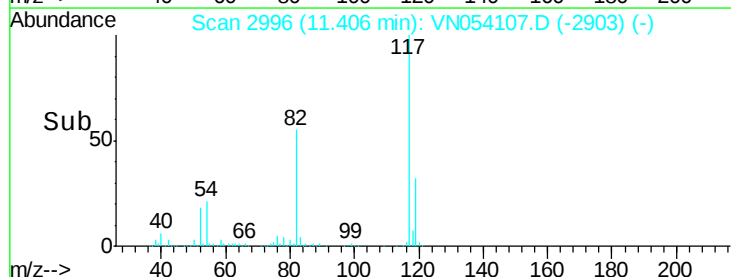


Abundance Ion 116.90 (116.60 to 117.60): VN054107.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054107.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054107.D (-2903) (-)

Time-->



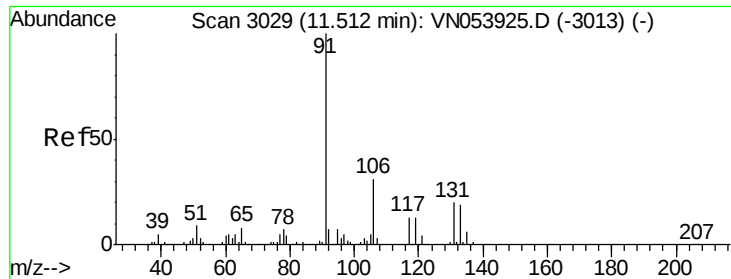
Abundance

Ion 116.90 (116.60 to 117.60): VN054107.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054107.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054107.D (-2903) (-)

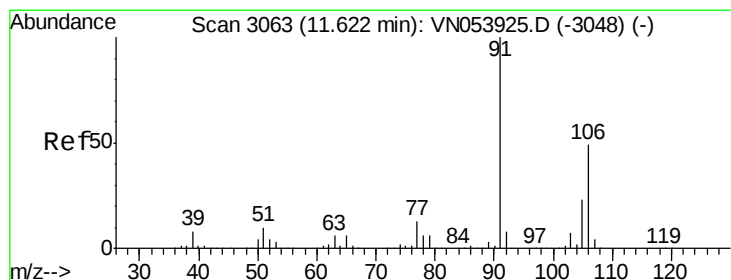
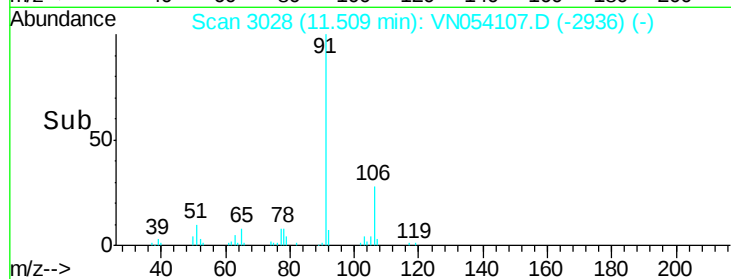
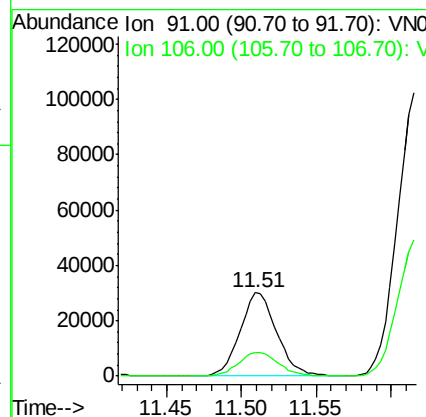
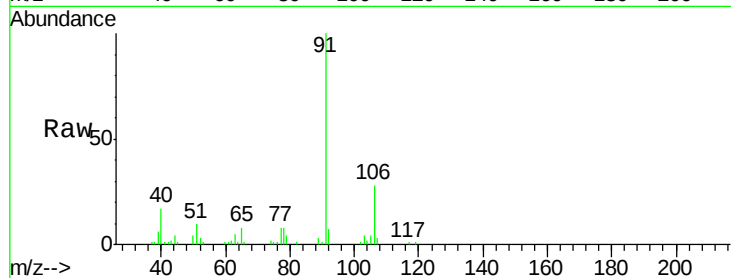
Time-->



#67
Ethyl Benzene
Concen: 1.390 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

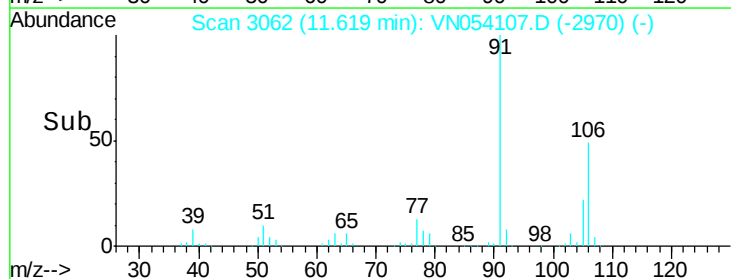
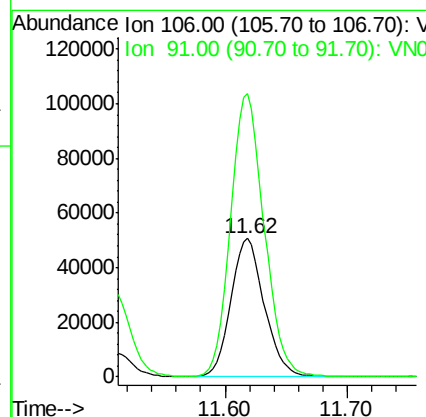
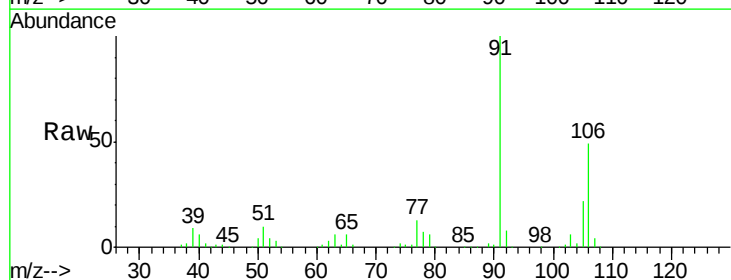
Instrument :
MSVOA_N
ClientSampled :
S12

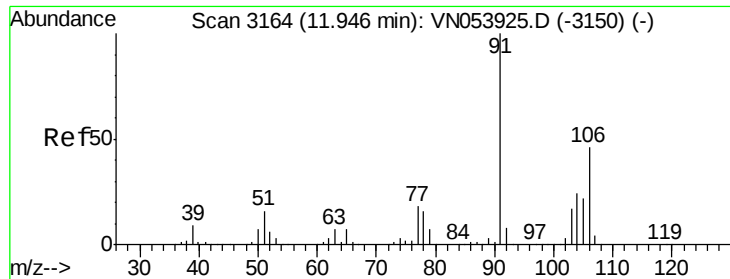
Tot Ion: 91 Resp: 51535
Ion Ratio Lower Upper
91 100
106 28.0 25.2 37.8



#68
m/p-Xylenes
Concen: 6.933 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion: 106 Resp: 97012
Ion Ratio Lower Upper
106 100
91 205.2 158.9 238.3

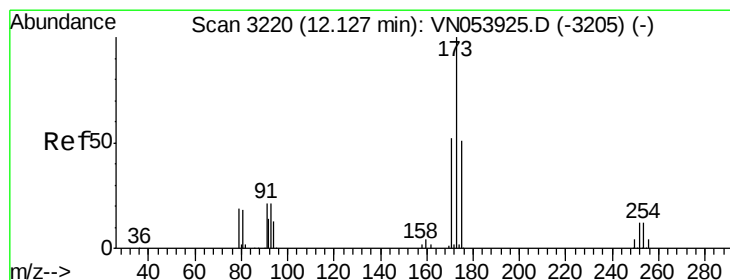
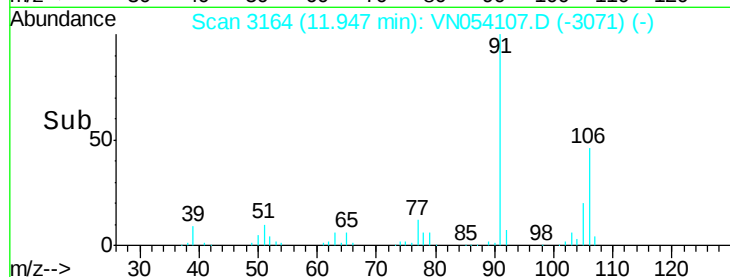
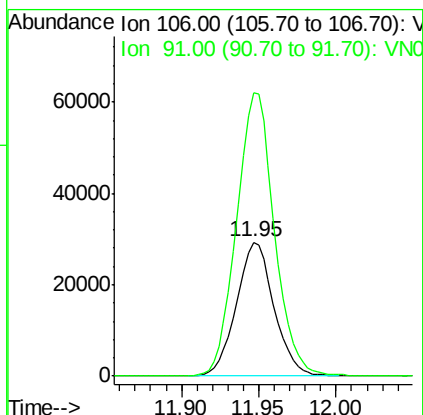
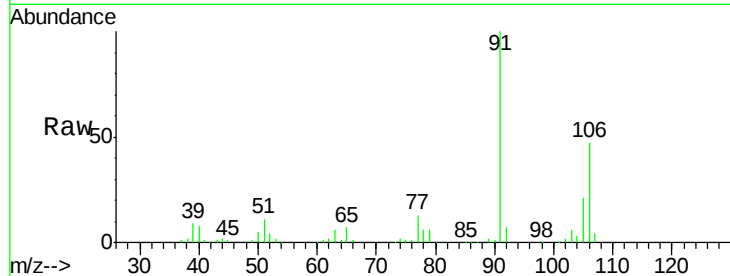




#69
o-Xylene
Concen: 3.598 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

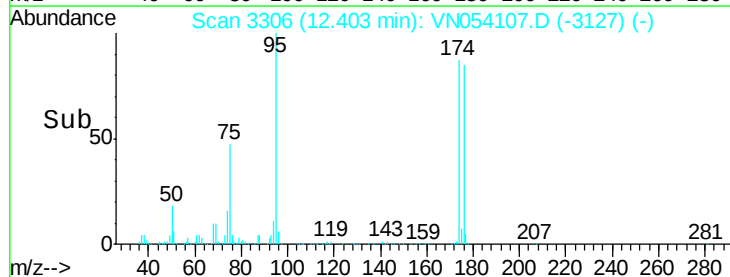
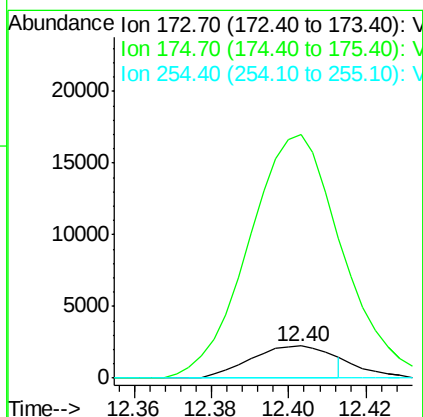
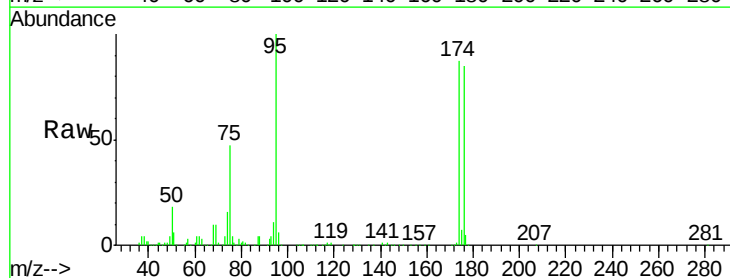
Instrument :
MSVOA_N
ClientSampled :
S12

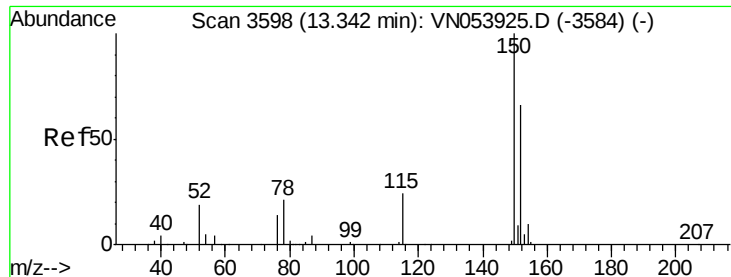
Tot Ion:106 Resp: 49477
Ion Ratio Lower Upper
106 100
91 212.8 106.0 318.0



#71
Bromoform
Concen: 0.585 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054107.D
Acq: 5 Mar 2019 18:48

Tgt Ion:173 Resp: 3243
Ion Ratio Lower Upper
173 100
175 756.5 24.3 72.8#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

S12

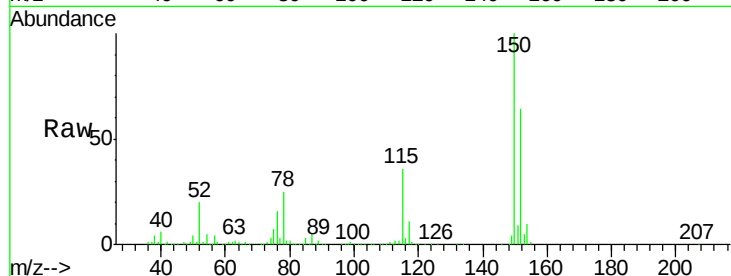
Tot Ion:152 Resp: 351029

Ion Ratio Lower Upper

152 100

115 57.0 27.2 81.6

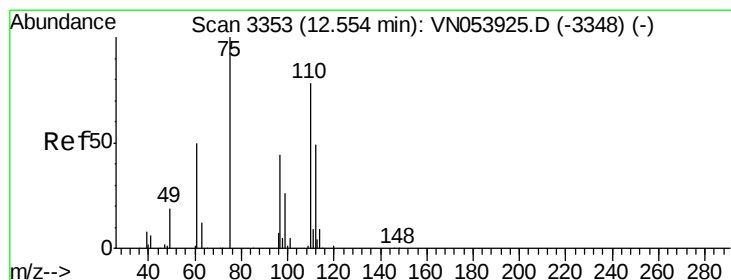
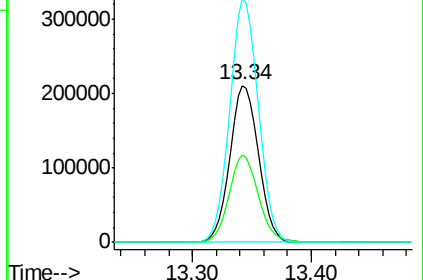
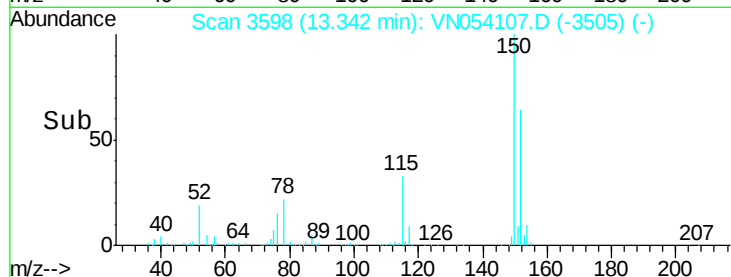
150 155.4 0.0 348.2



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



#76

1,2,3-Trichloropropane

Concen: 37.437 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054107.D

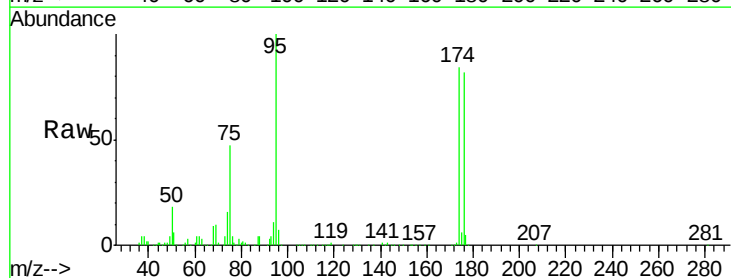
Acq: 5 Mar 2019 18:48

Tgt Ion: 75 Resp: 210811

Ion Ratio Lower Upper

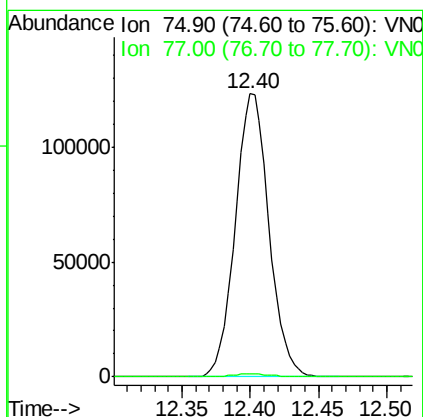
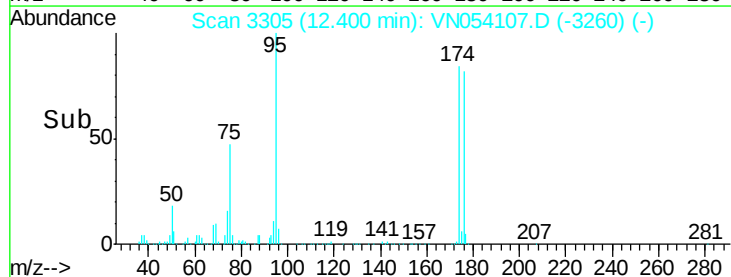
75 100

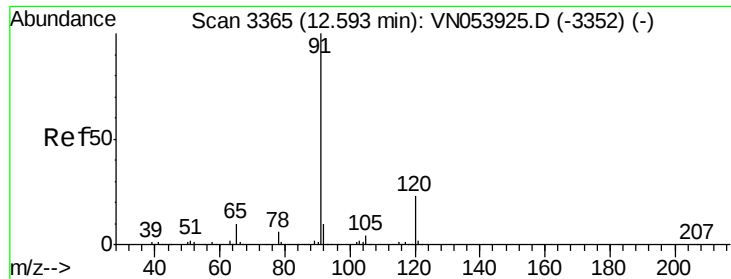
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#78

n-propylbenzene

Concen: 0.538 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

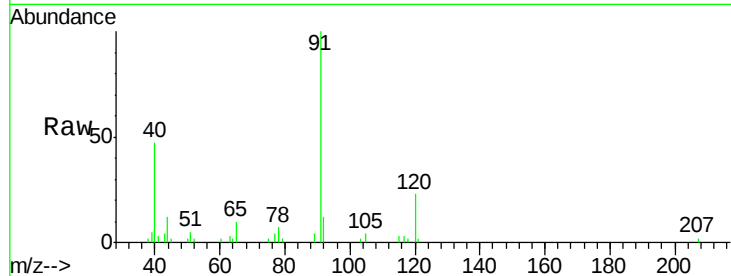
S12

Tot Ion: 91 Resp: 16716

Ion Ratio Lower Upper

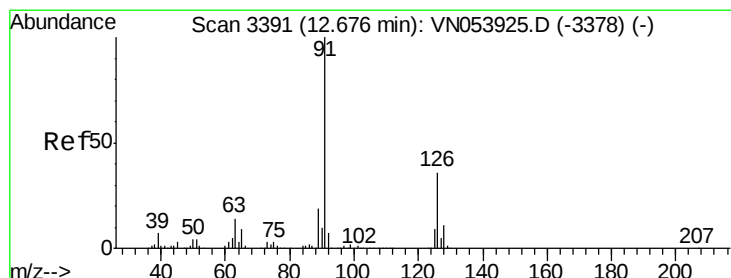
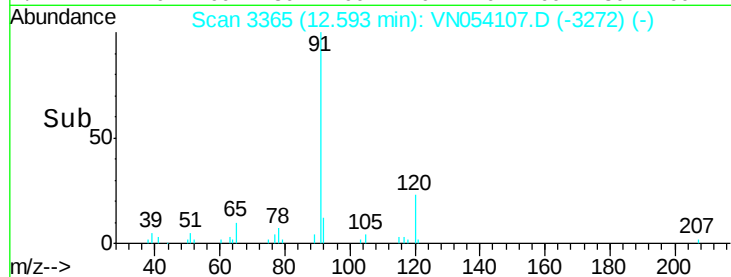
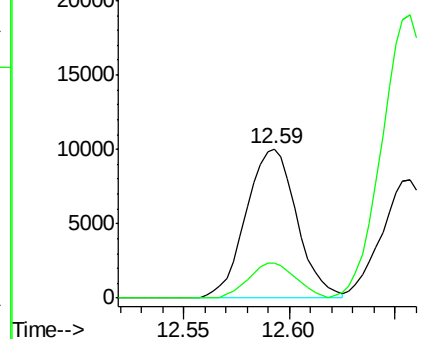
91 100

120 22.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.665 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. -0.02 min

Lab File: VN054107.D

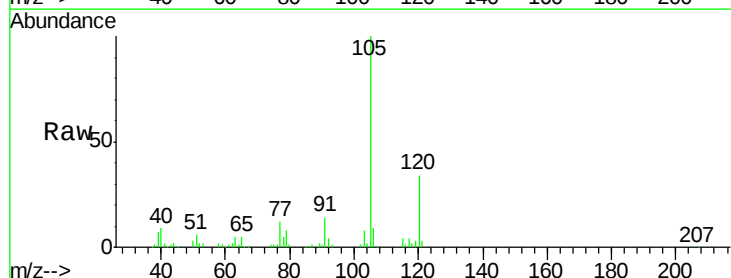
Acq: 5 Mar 2019 18:48

Tgt Ion: 91 Resp: 12416

Ion Ratio Lower Upper

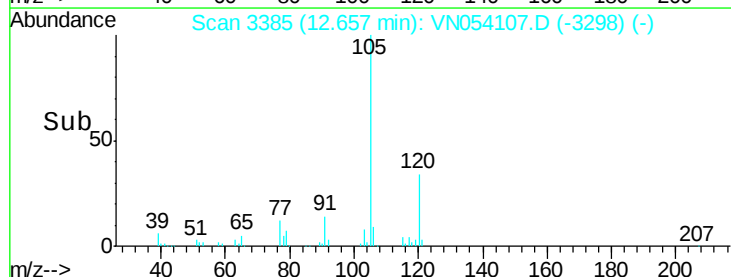
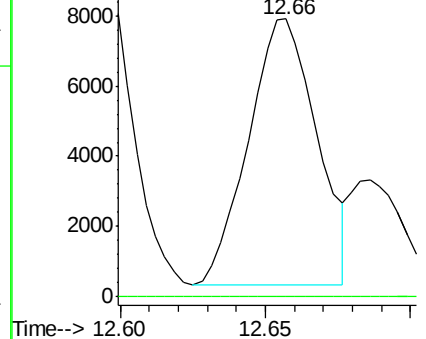
91 100

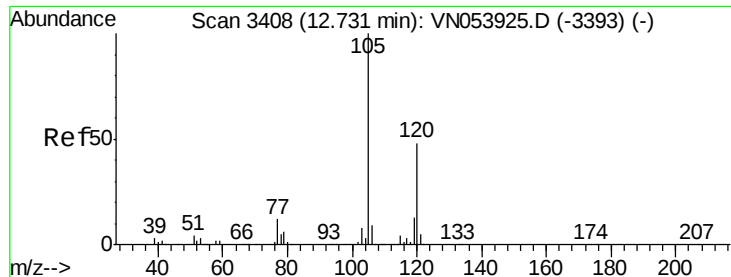
126 0.0 18.1 54.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 3.770 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

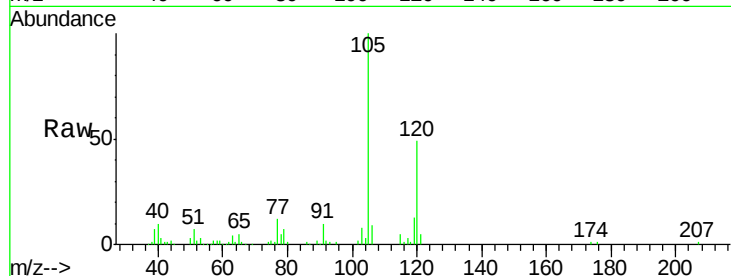
S12

Tot Ion:105 Resp: 84332

Ion Ratio Lower Upper

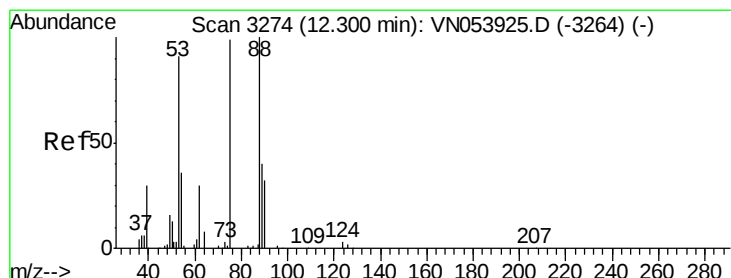
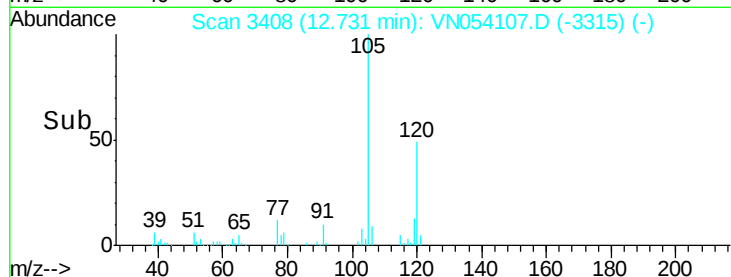
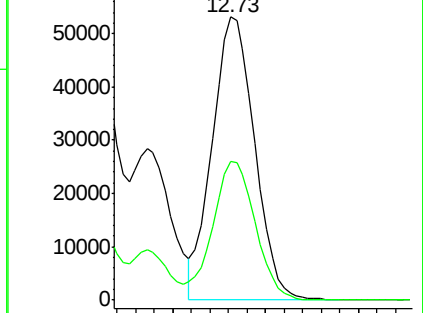
105 100

120 49.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 118.323 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

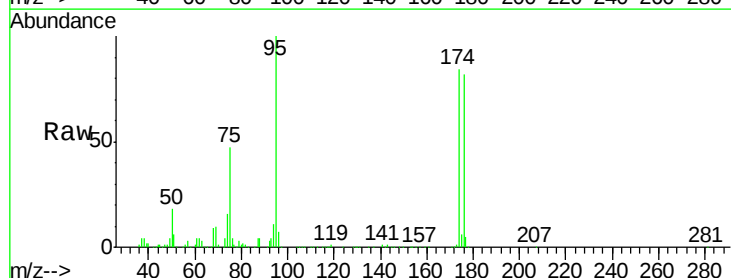
Tgt Ion: 75 Resp: 210811

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

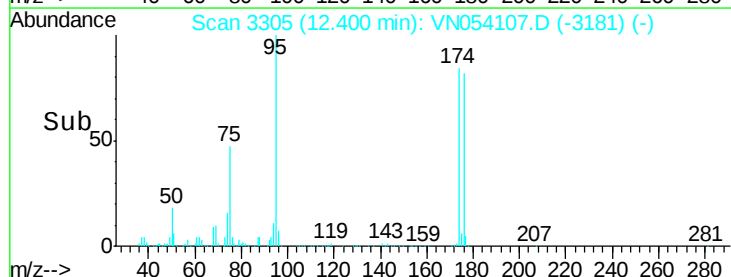
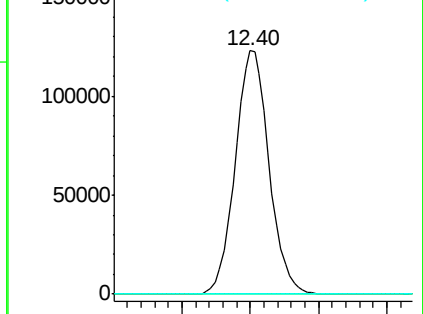
89 0.0 35.3 52.9#

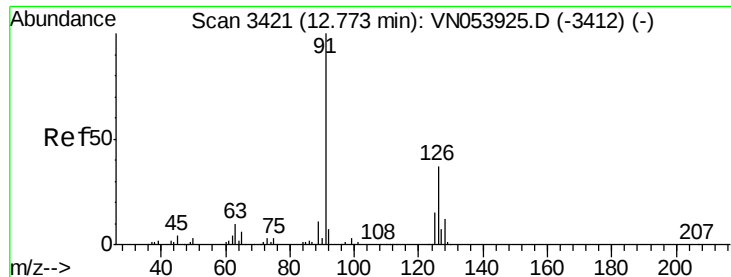


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.499 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

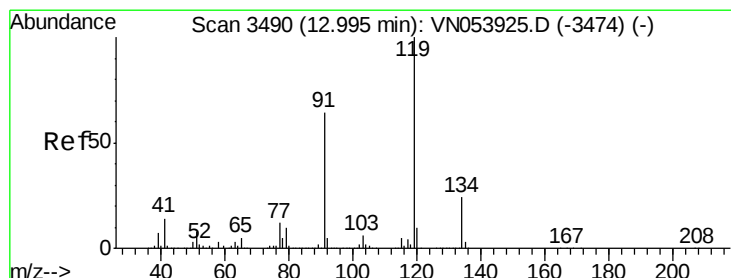
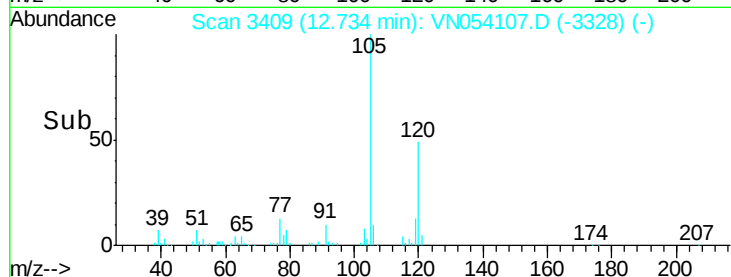
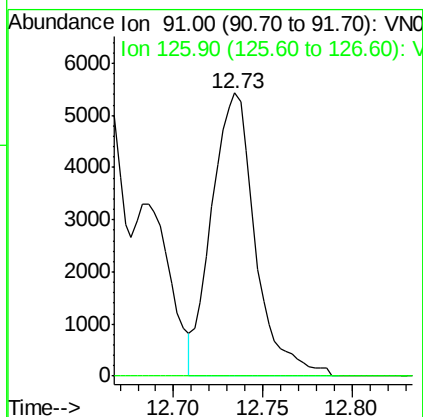
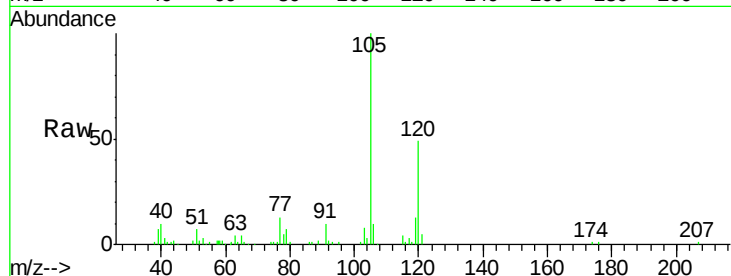
S12

Tot Ion: 91 Resp: 9209

Ion Ratio Lower Upper

91 100

126 0.0 18.0 54.0#



#83

tert-Butylbenzene

Concen: 2.231 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

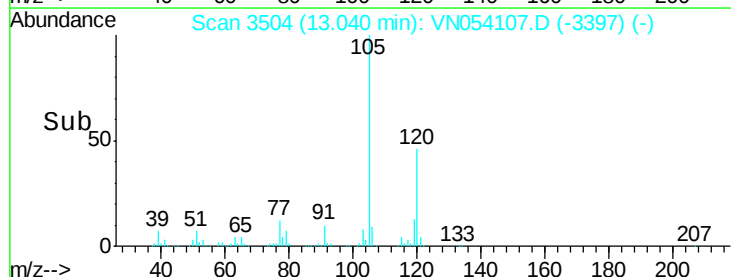
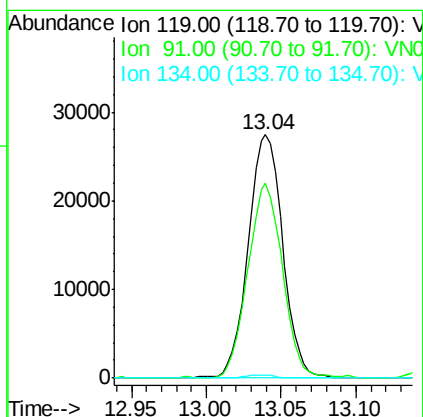
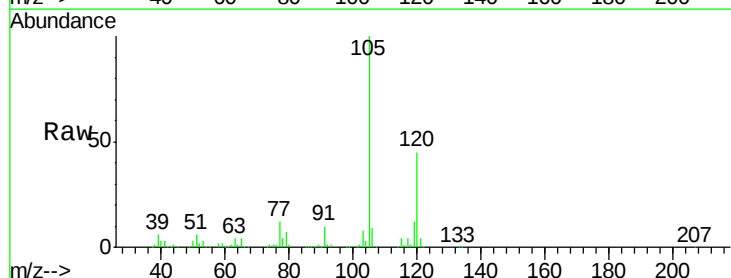
Tgt Ion: 119 Resp: 44148

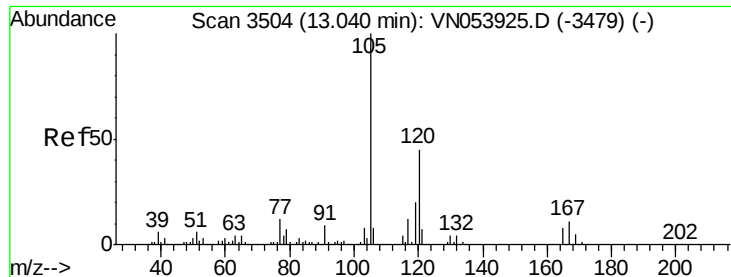
Ion Ratio Lower Upper

119 100

91 80.6 30.6 91.8

134 1.0 13.0 39.0#





#84

1,2,4-Trimethylbenzene

Concen: 15.864 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054107.D

Acq: 5 Mar 2019 18:48

Instrument :

MSVOA_N

ClientSampled :

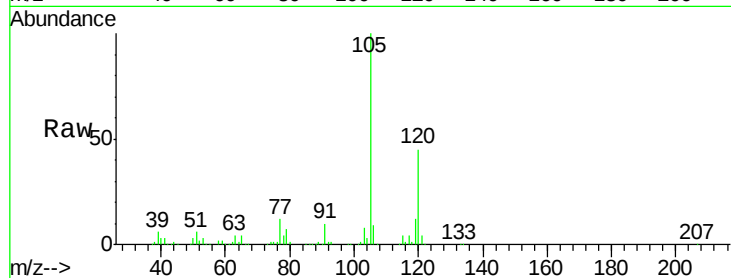
S12

Tot Ion:105 Resp: 354291

Ion Ratio Lower Upper

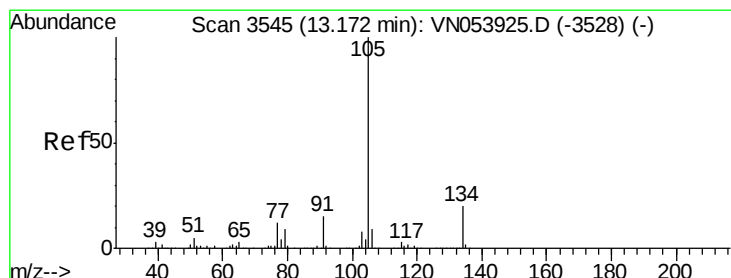
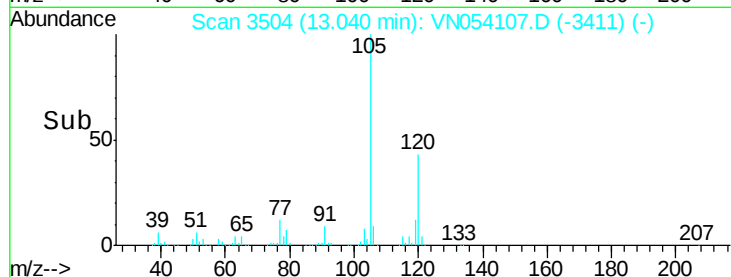
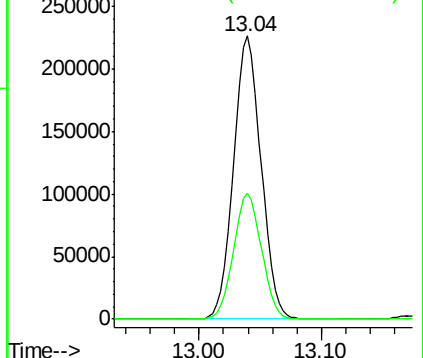
105 100

120 45.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 13.111 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.13 min

Lab File: VN054107.D

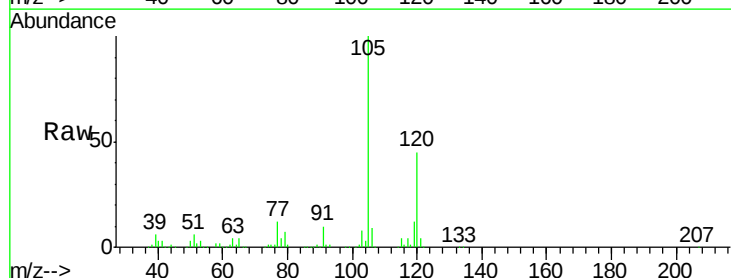
Acq: 5 Mar 2019 18:48

Tgt Ion:105 Resp: 354291

Ion Ratio Lower Upper

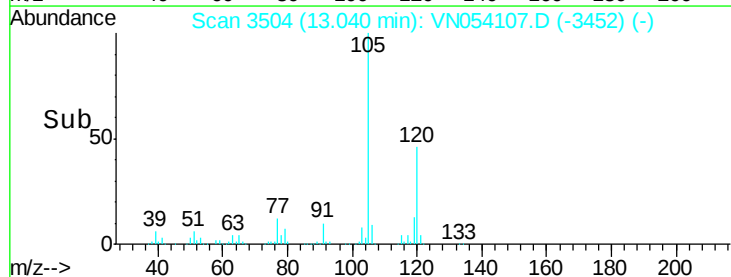
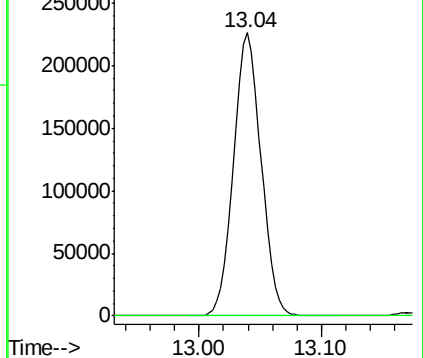
105 100

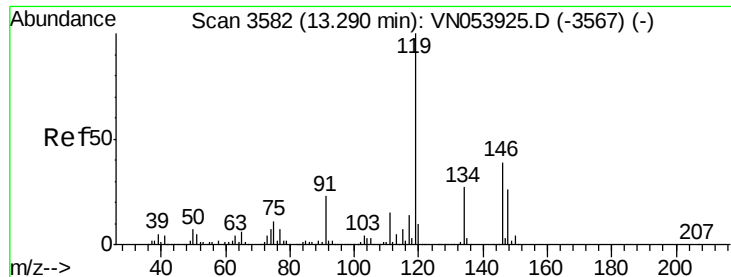
134 0.1 10.4 31.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

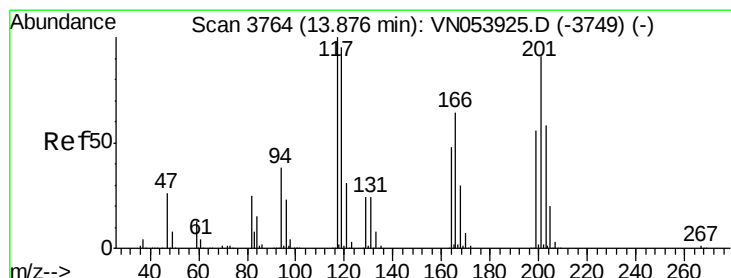
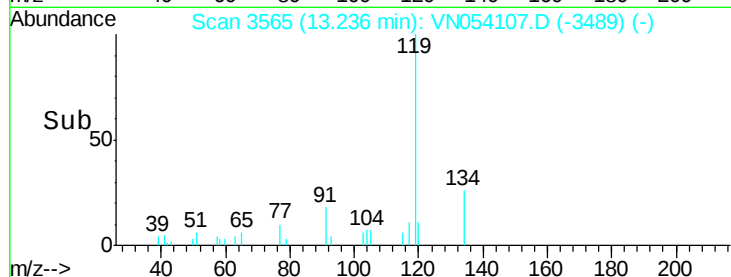
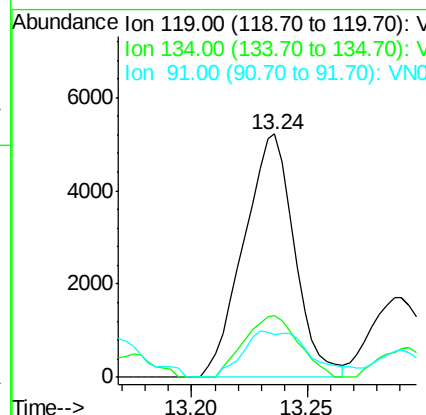
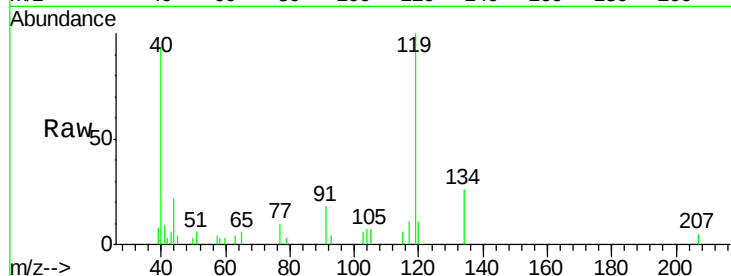




#86
 p-Isopropyltoluene
 Concen: 0.348 ug/l
 RT: 13.24 min Scan# 3565
 Delta R.T. -0.05 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

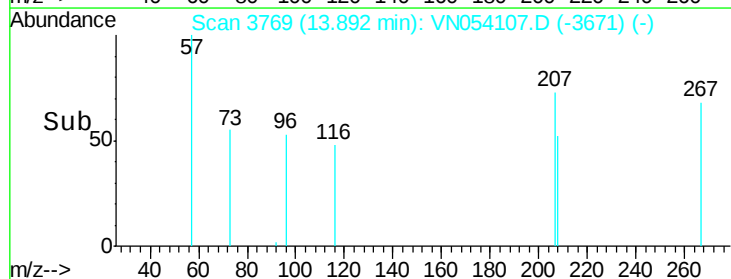
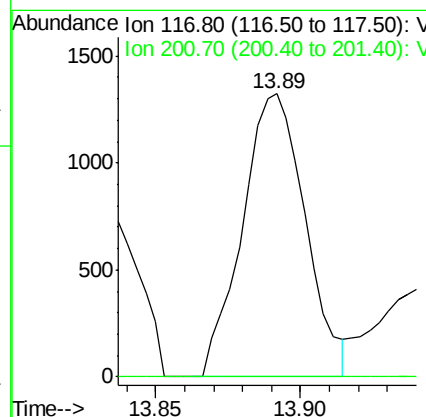
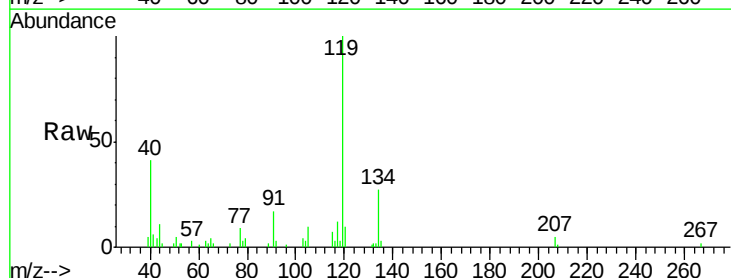
Instrument :
 MSVOA_N
 ClientSampleId :
 S12

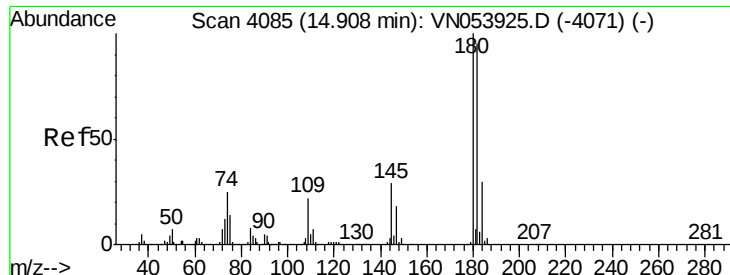
Tot Ion:119 Resp: 7943
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.5 40.4
 91 25.4 10.9 32.6



#90
 Hexachloroethane
 Concen: 0.450 ug/l
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Tgt Ion:117 Resp: 1993
 Ion Ratio Lower Upper
 117 100
 201 0.0 48.0 144.2#

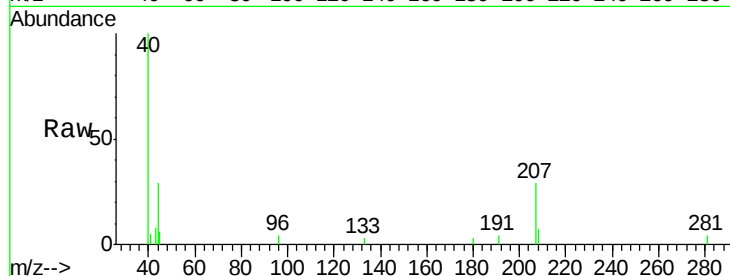




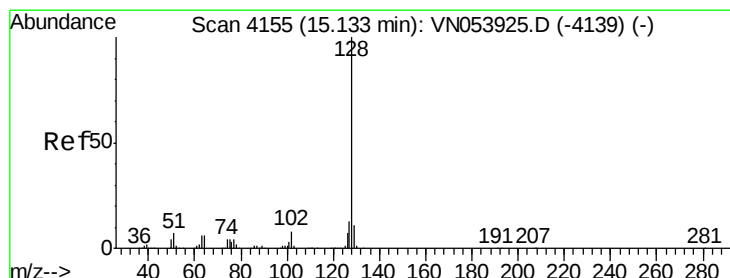
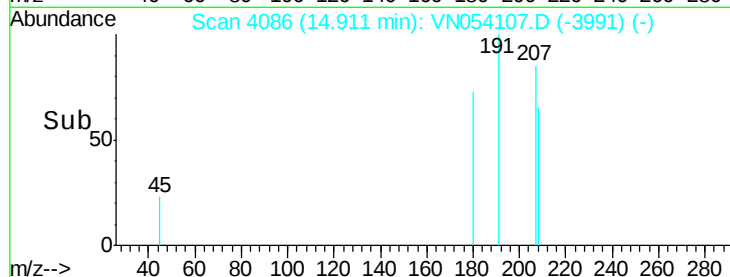
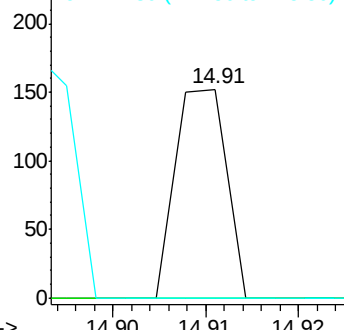
#93
 1,2,4-Trichlorobenzene
 Concen: 2.231 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Instrument :
 MSVOA_N
 ClientSampled :
 S12

Tot Ion:180 Resp: 58
 Ion Ratio Lower Upper
 180 100
 182 0.0 48.6 145.9#
 145 162.1 13.8 41.3#

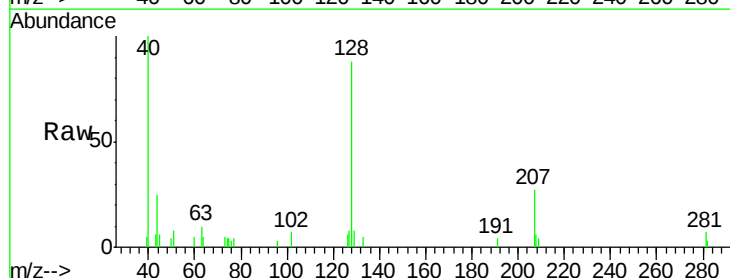


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.736 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054107.D
 Acq: 5 Mar 2019 18:48

Tgt Ion:128 Resp: 7786
 Ion Ratio Lower Upper
 128 100
 127 6.0 10.2 15.2#
 129 10.4 8.6 12.8



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

