

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052778.D
 Acq On : 11 Dec 2018 3:38
 Operator : MD\SY
 Sample : J6302-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 06:16:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1241907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1908973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1717903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	722343	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	643482	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.18%		
35) Dibromofluoromethane	7.59	113	547709	46.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.08%		
50) Toluene-d8	10.09	98	2339262	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.12%		
62) 4-Bromofluorobenzene	12.40	95	777986	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.08%		

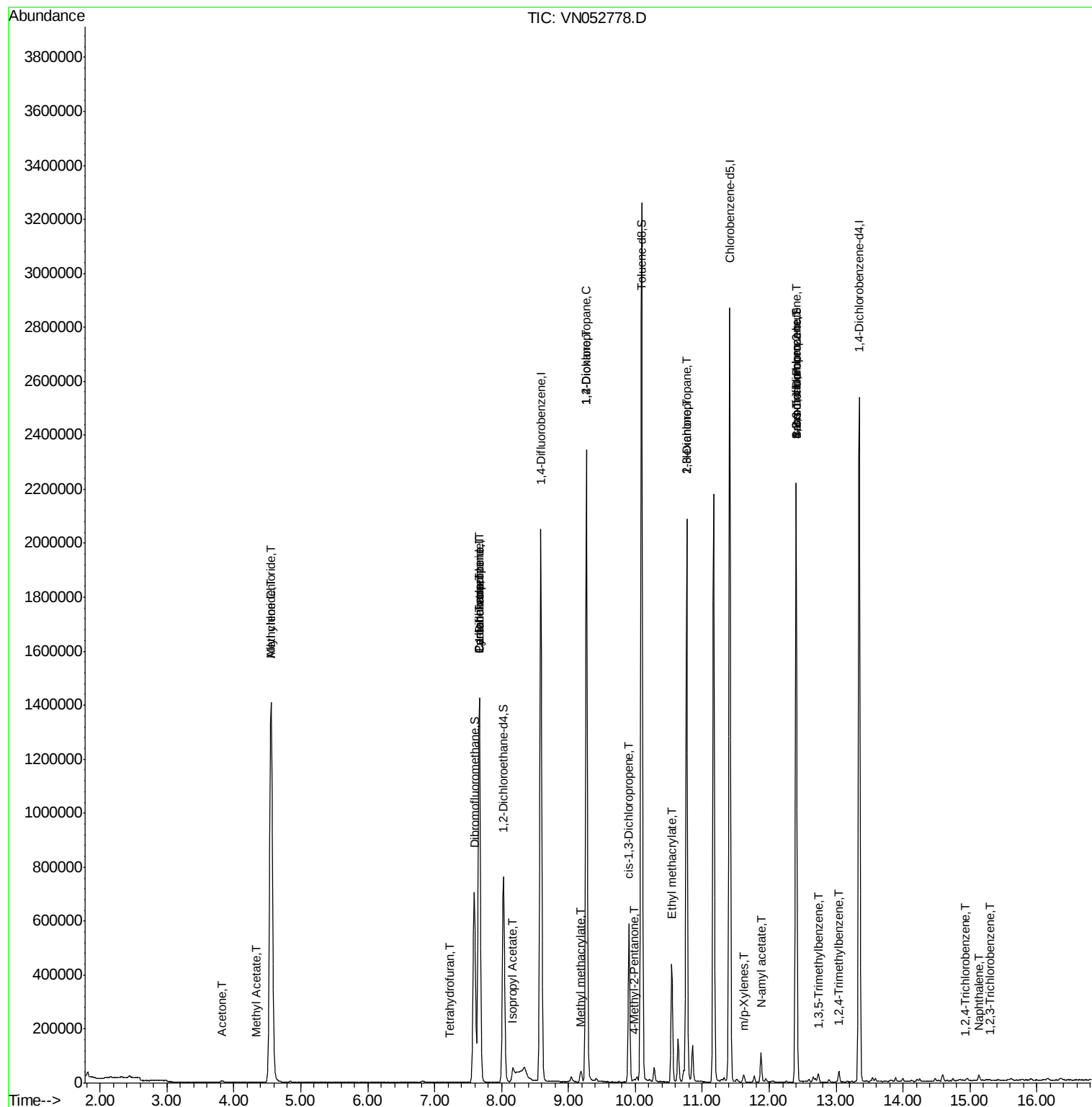
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	40142	2.002	ug/l #	27
16) Acetone	3.82	43	12951	3.631	ug/l	98
18) Methyl Acetate	4.33	43	4716	0.461	ug/l #	68
20) Methylene Chloride	4.55	84	1093969	78.381	ug/l	98
29) Tetrahydrofuran	7.22	42	1084	0.332	ug/l #	90
31) Cyclohexane	7.67	56	20916	0.537	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	82611	4.583	ug/l #	50
38) Carbon Tetrachloride	7.67	117	106985	6.556	ug/l #	17
43) Isopropyl Acetate	8.17	43	79559	4.273	ug/l #	70
45) 1,2-Dichloropropane	9.27	63	2943	0.206	ug/l #	43
48) Methyl methacrylate	9.18	41	14495	1.493	ug/l #	13
49) 1,4-Dioxane	9.26	88	219	2.174	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6938	0.664	ug/l	94
54) cis-1,3-Dichloropropene	9.90	75	109992	5.550	ug/l #	62
56) Ethyl methacrylate	10.54	69	1303	2.772	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	21826	1.101	ug/l #	44
59) 2-Hexanone	10.77	43	302384	43.130	ug/l #	51
68) m/p-Xylenes	11.62	106	8543	0.370	ug/l	98
71) Bromoform	12.40	173	4643	0.569	ug/l #	1
74) N-amyl acetate	11.88	43	33996	2.374	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	369360	33.159	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	14842	0.328	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	369360	110.737	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	24860	0.549	ug/l	96
93) 1,2,4-Trichlorobenzene	14.91	180	34	2.832	ug/l #	1
95) Naphthalene	15.14	128	18698	4.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	181	2.741	ug/l #	1

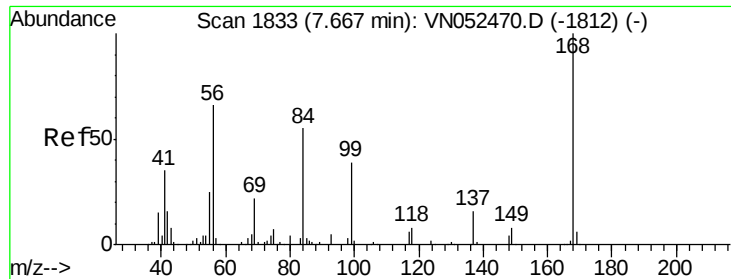
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
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: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

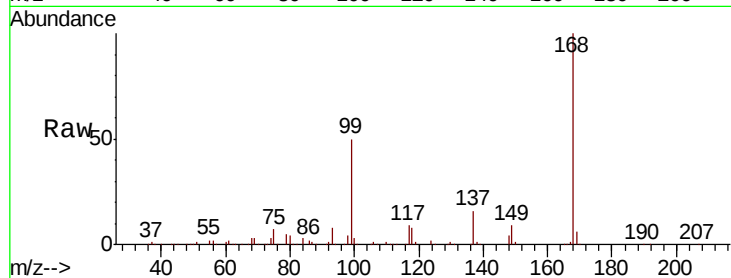
K-120718-RO

Tot Ion:168 Resp: 1241907

Ion Ratio Lower Upper

168 100

99 50.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

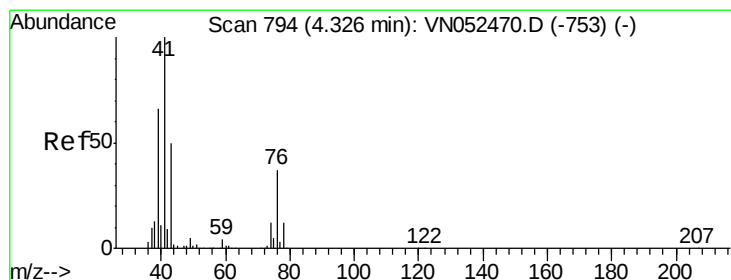
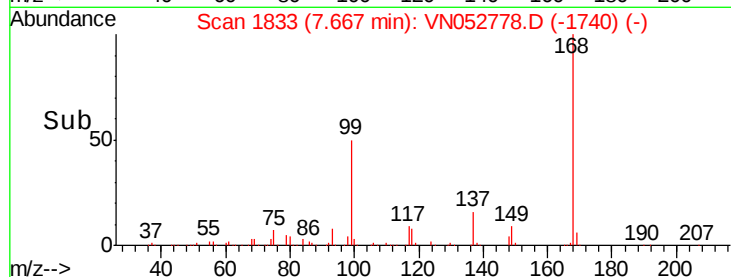
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 2.002 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

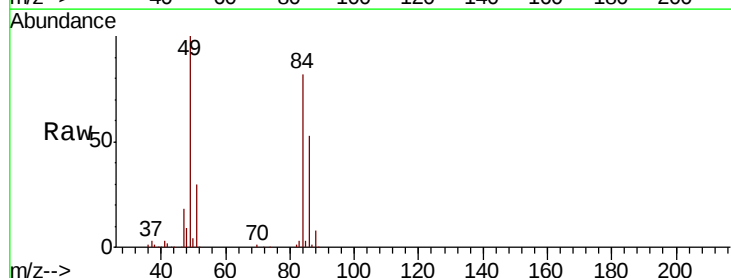
Tgt Ion: 41 Resp: 40142

Ion Ratio Lower Upper

41 100

39 0.5 50.6 76.0#

76 0.0 27.4 41.2#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

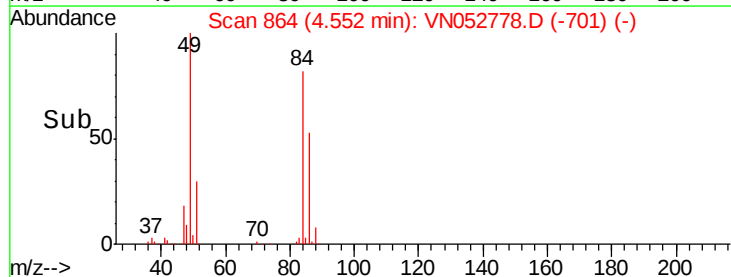
15000

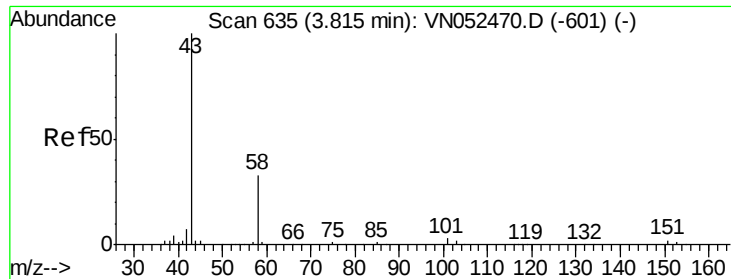
10000

5000

0

Time-->





#16

Acetone

Concen: 3.631 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

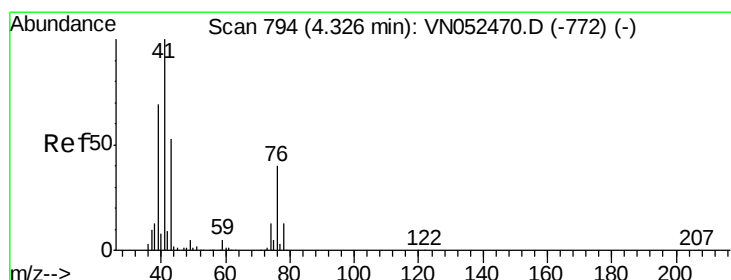
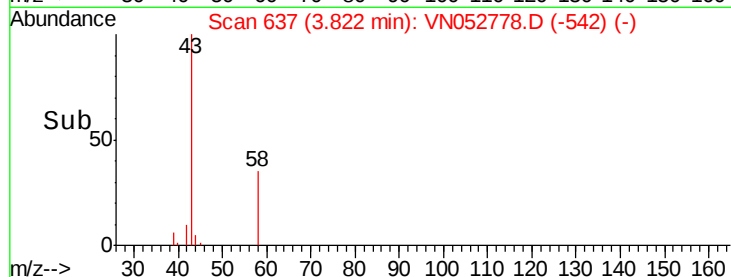
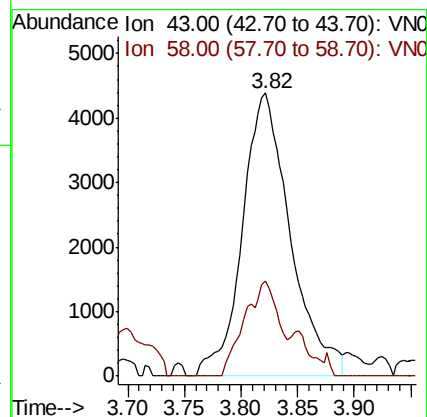
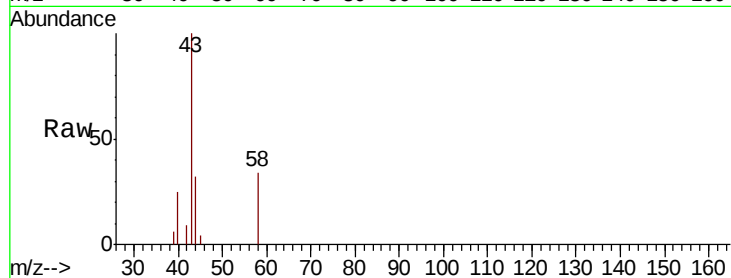
K-120718-RO

Tot Ion: 43 Resp: 12951

Ion Ratio Lower Upper

43 100

58 33.8 26.0 39.0



#18

Methyl Acetate

Concen: 0.461 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052778.D

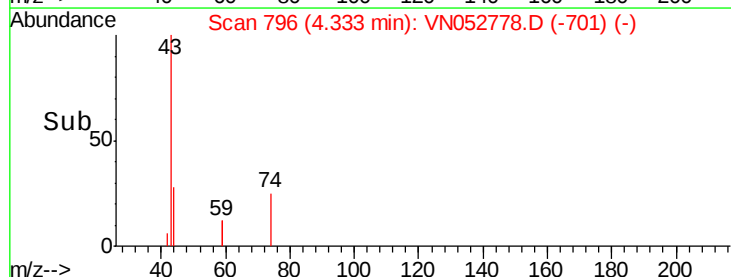
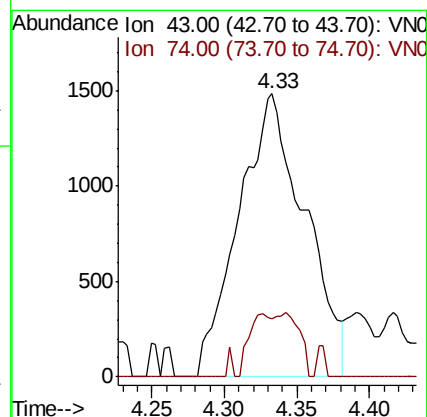
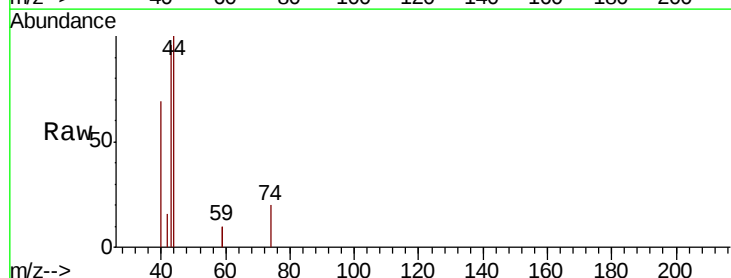
Acq: 11 Dec 2018 3:38

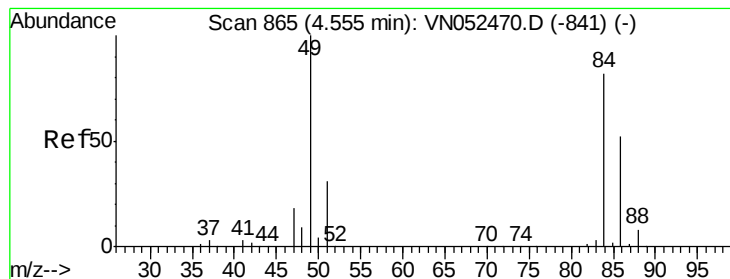
Tgt Ion: 43 Resp: 4716

Ion Ratio Lower Upper

43 100

74 7.8 18.6 27.8#





#20

Methvlene Chloride

Concen: 78.381 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

Tot Ion: 84 Resp: 1093969

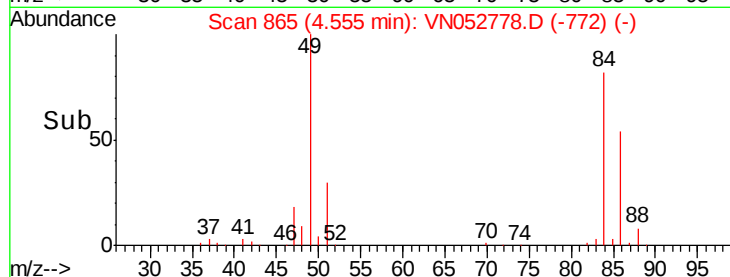
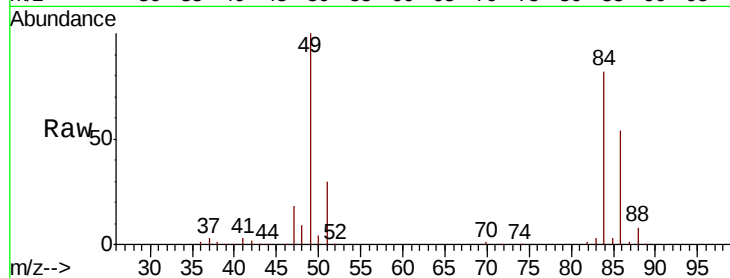
Ion	Ratio	Lower	Upper
84	100		
49	121.3	98.0	147.0
51	36.8	30.1	45.1
86	65.5	50.7	76.1

84 100

49 121.3 98.0 147.0

51 36.8 30.1 45.1

86 65.5 50.7 76.1



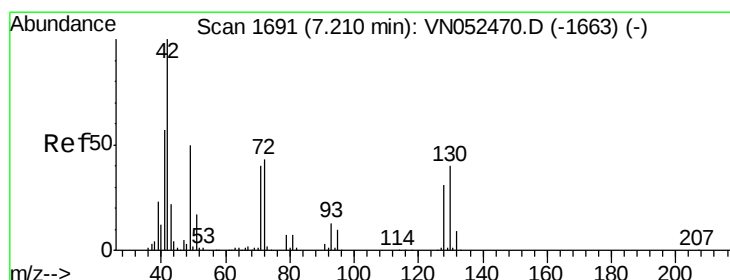
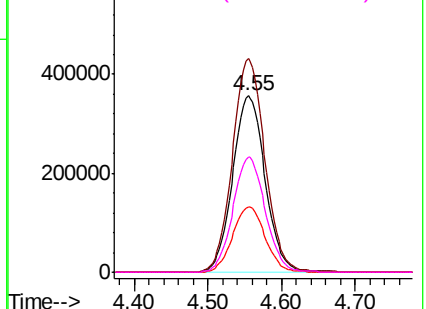
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#29

Tetrahydrofuran

Concen: 0.332 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

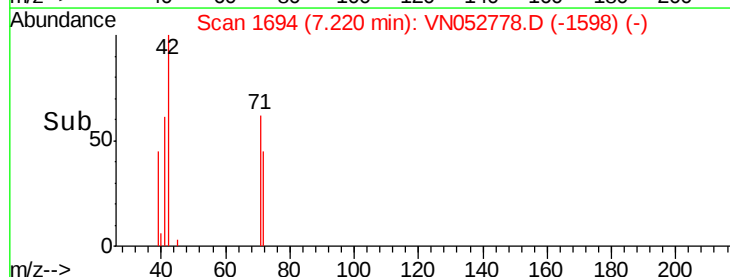
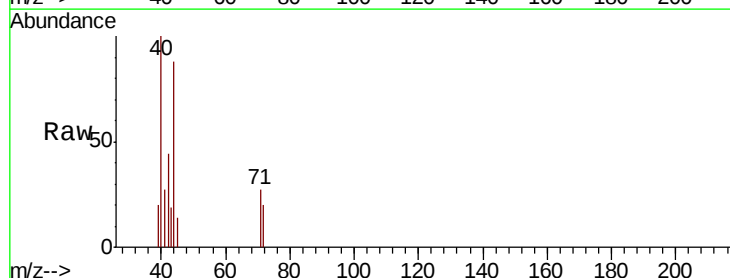
Tgt Ion: 42 Resp: 1084

Ion	Ratio	Lower	Upper
42	100		
72	39.9	33.3	49.9
71	29.0	32.0	48.0#

42 100

72 39.9 33.3 49.9

71 29.0 32.0 48.0#

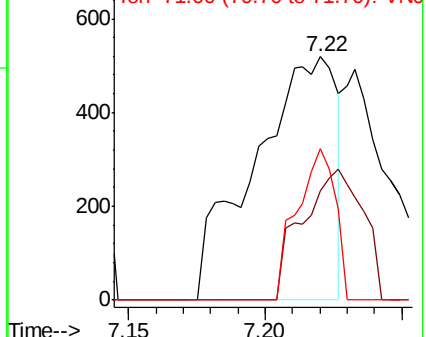


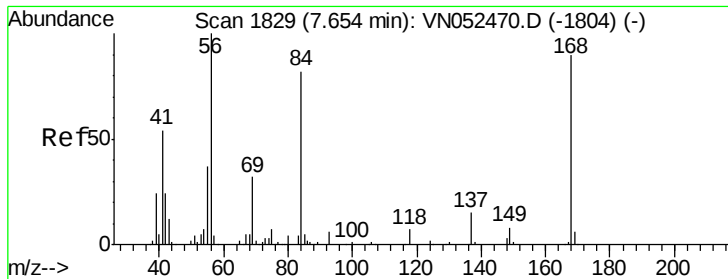
Abundance

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

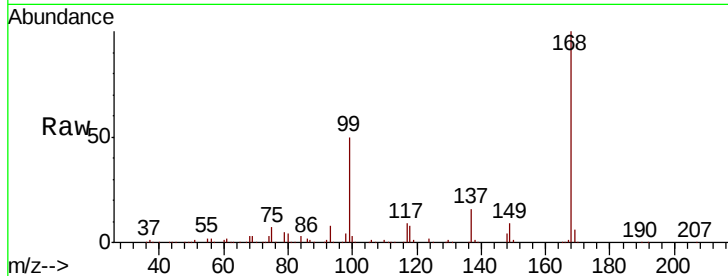




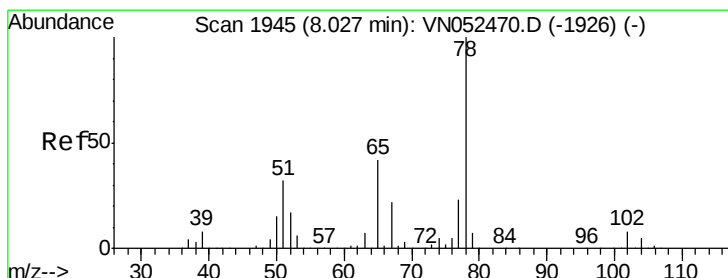
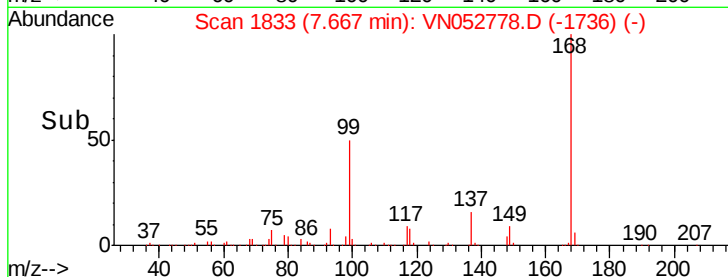
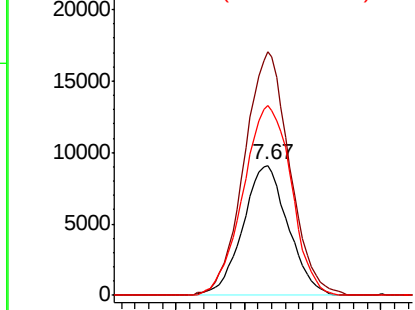
#31
Cyclohexane
Concen: 0.537 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052778.D
Acq: 11 Dec 2018 3:38

Instrument :
MSVOA_N
ClientSampleId :
K-120718-RO

Tot Ion: 56 Resp: 20916
Ion Ratio Lower Upper
56 100
69 187.3 25.8 38.6#
84 146.4 65.3 97.9#

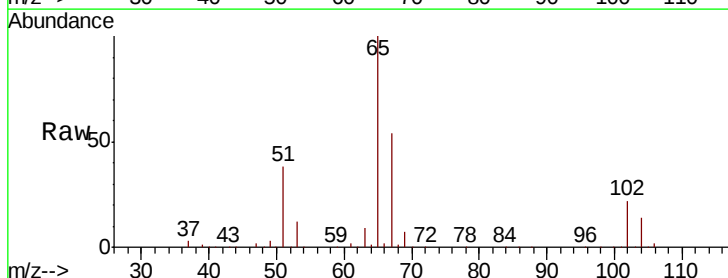


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

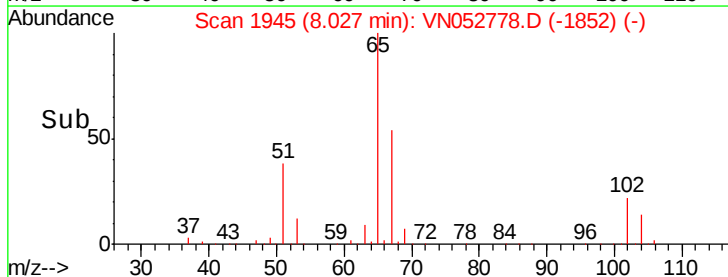
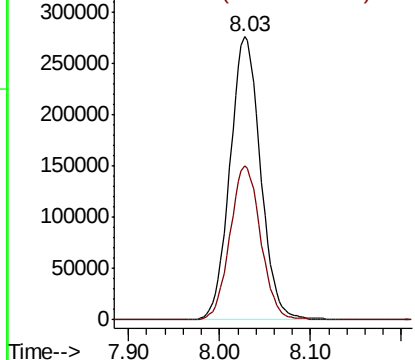


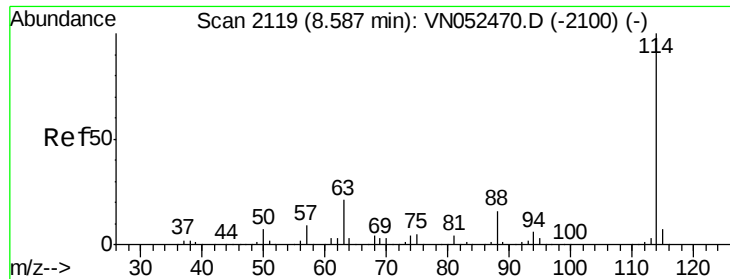
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052778.D
Acq: 11 Dec 2018 3:38

Tgt Ion: 65 Resp: 643482
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

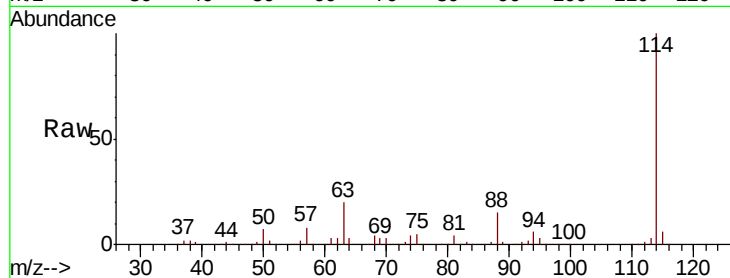




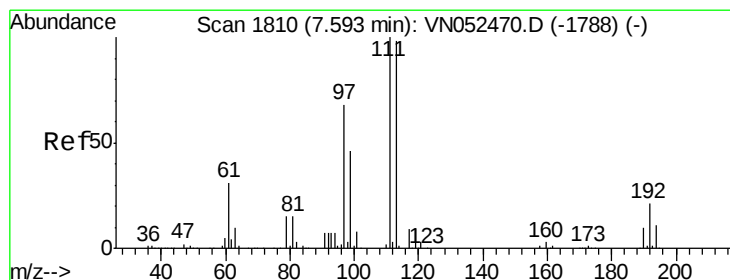
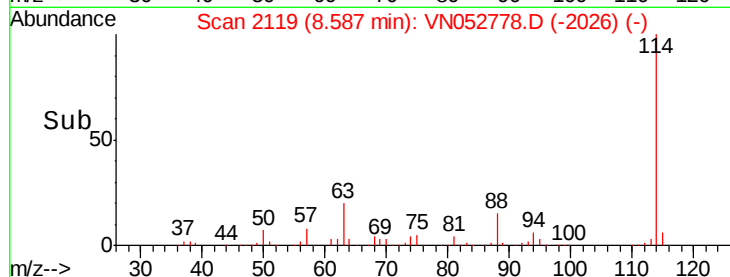
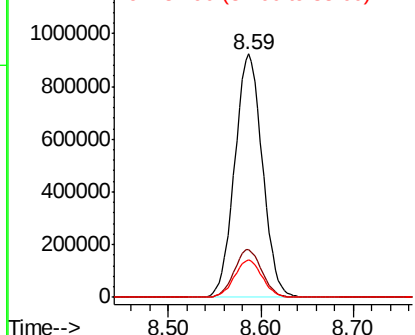
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Instrument :
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 ClientSampleId :
 K-120718-RO

Tot Ion:114 Resp: 1908973
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.8
 88 15.4 0.0 31.6

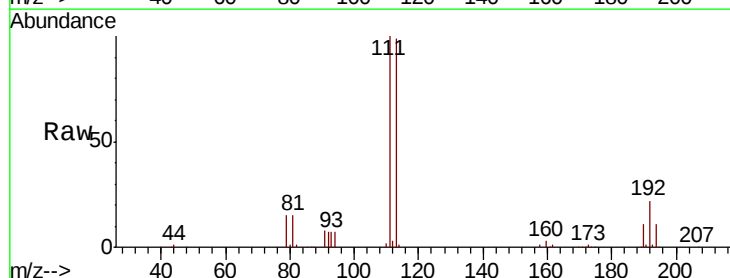


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

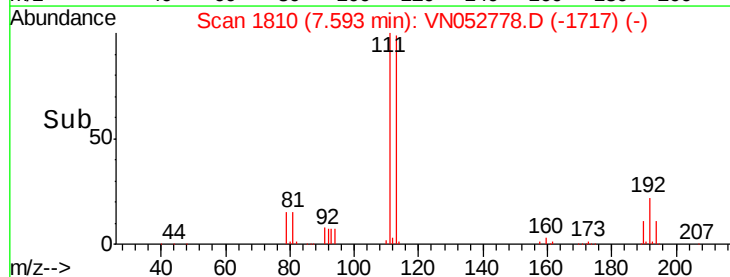
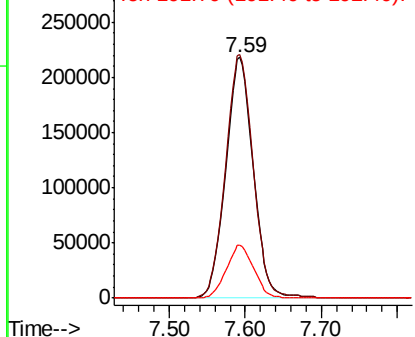


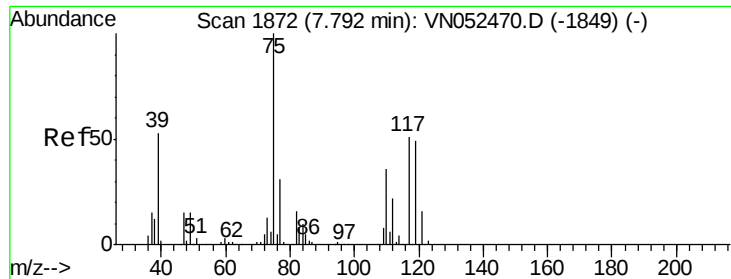
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Tgt Ion:113 Resp: 547709
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.0 123.0
 192 22.1 17.0 25.6



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

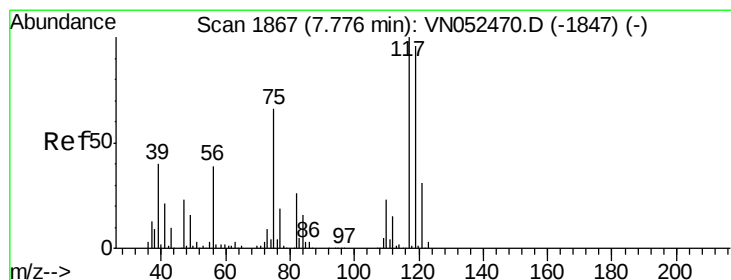
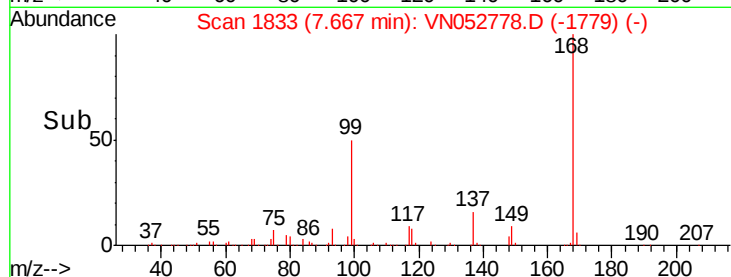
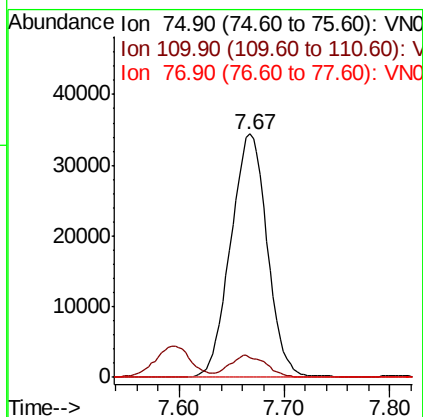
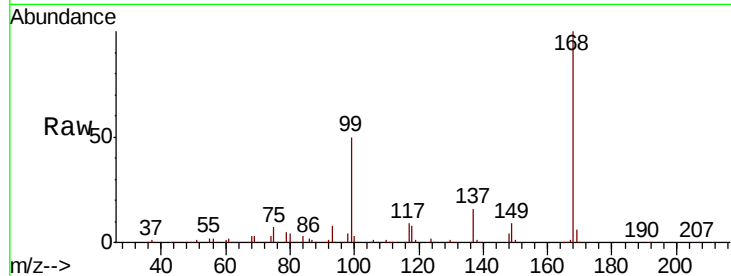




#36
 1,1-Dichloropropene
 Concen: 4.583 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

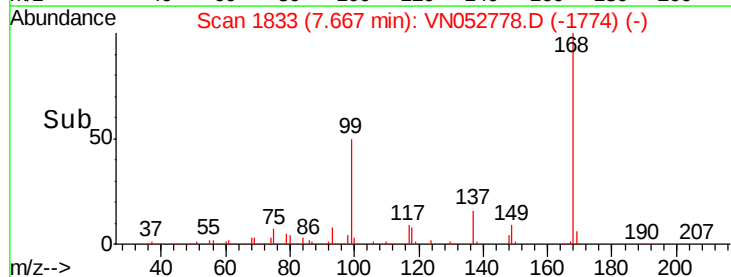
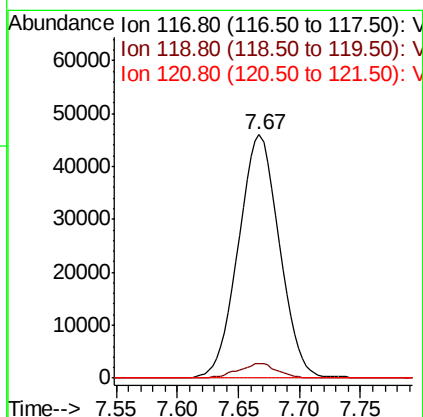
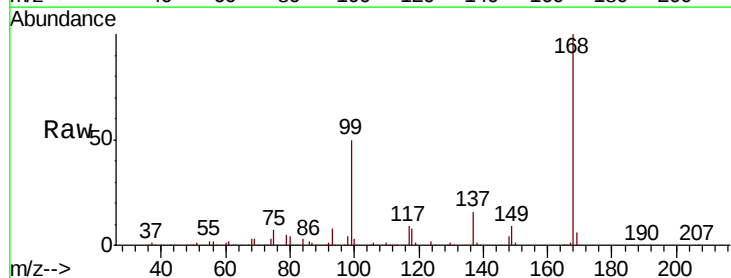
Instrument :
 MSVOA_N
 ClientSampled :
 K-120718-RO

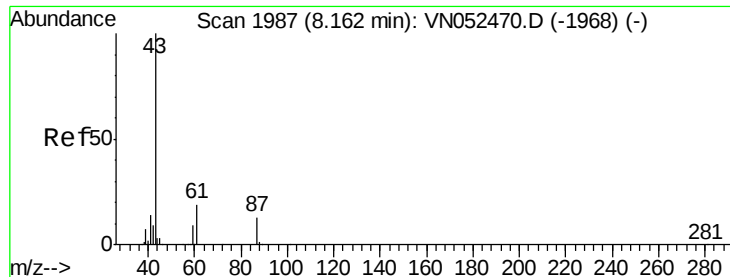
Tot Ion	75	Resp	82611
Ion Ratio	Lower	Upper	
75	100		
110	9.0	17.5	52.6#
77	0.0	24.5	36.7#



#38
 Carbon Tetrachloride
 Concen: 6.556 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Tgt Ion	117	Resp	106985
Ion Ratio	Lower	Upper	
117	100		
119	6.1	76.8	115.2#
121	0.0	24.9	37.3#





#43

Isopropyl Acetate

Concen: 4.273 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

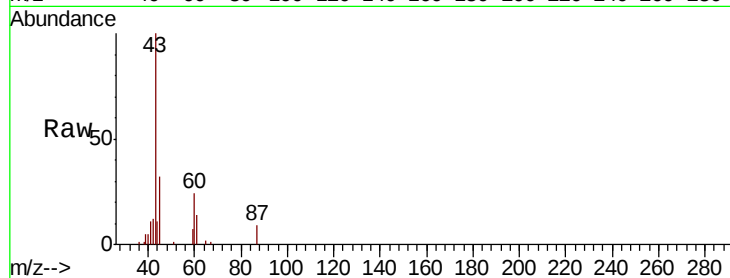
Tot Ion: 43 Resp: 79559

Ion Ratio Lower Upper

43 100

61 10.5 24.1 36.1#

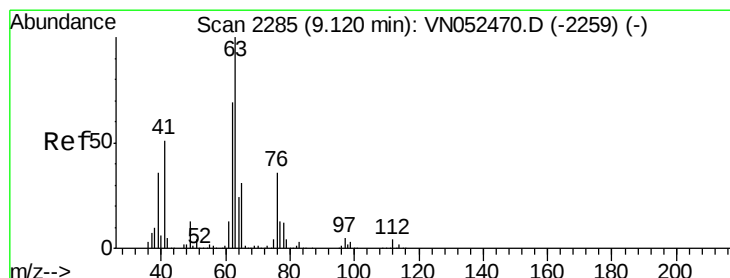
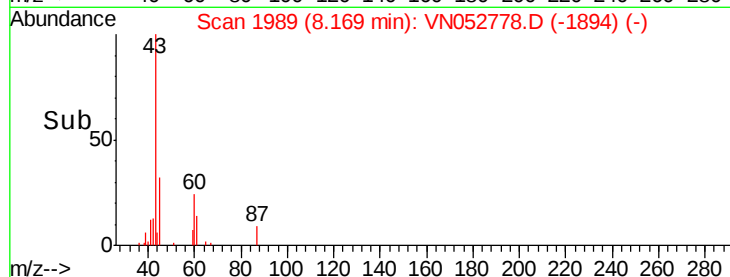
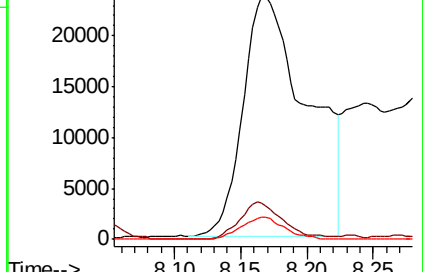
87 6.3 10.6 15.8#



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#45

1,2-Dichloropropane

Concen: 0.206 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN052778.D

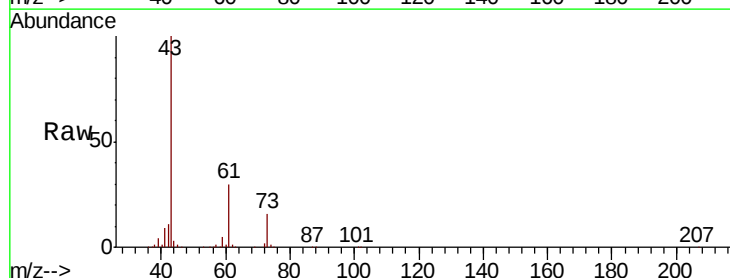
Acq: 11 Dec 2018 3:38

Tgt Ion: 63 Resp: 2943

Ion Ratio Lower Upper

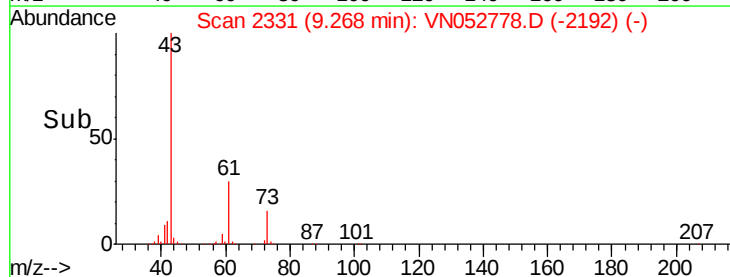
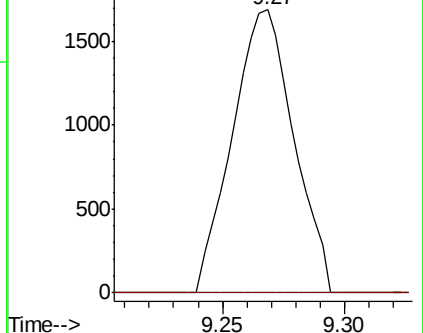
63 100

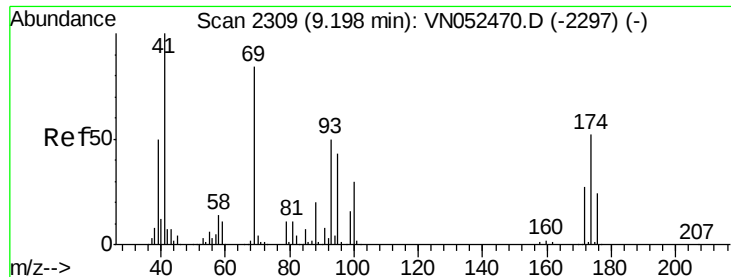
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN052470.D (-2259) (-)

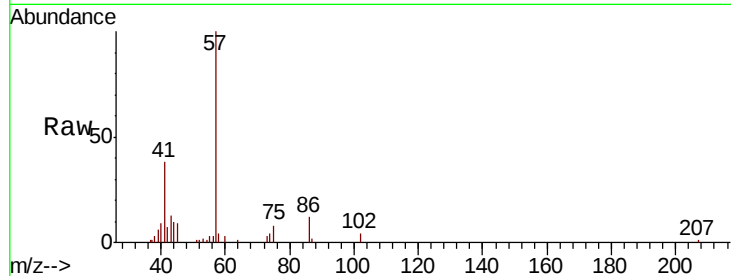




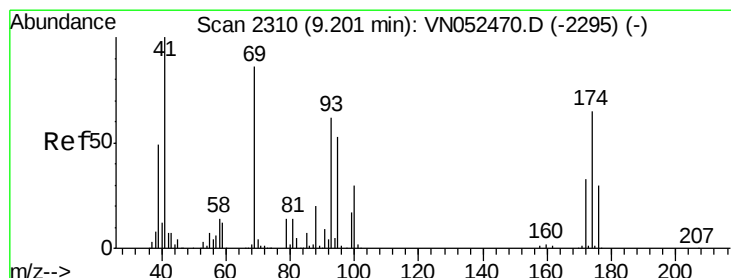
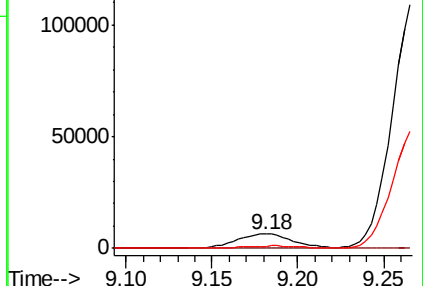
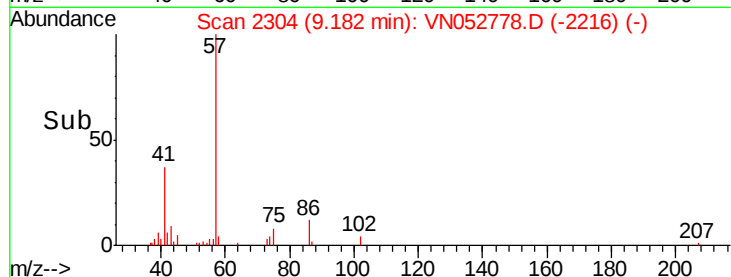
#48
Methvl methacrylate
Concen: 1.493 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052778.D
Acq: 11 Dec 2018 3:38

Instrument :
MSVOA_N
ClientSampled :
K-120718-RO

Tot Ion: 41 Resp: 14495
Ion Ratio Lower Upper
41 100
69 0.0 70.0 105.0#
39 0.0 42.6 64.0#

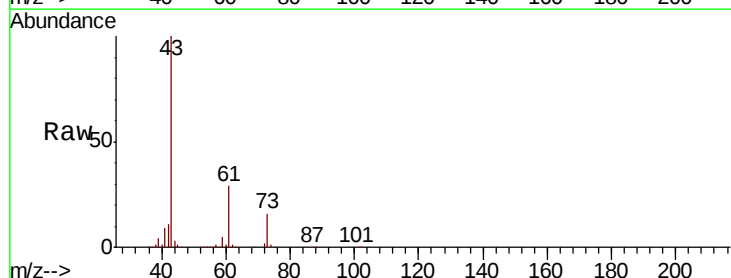


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

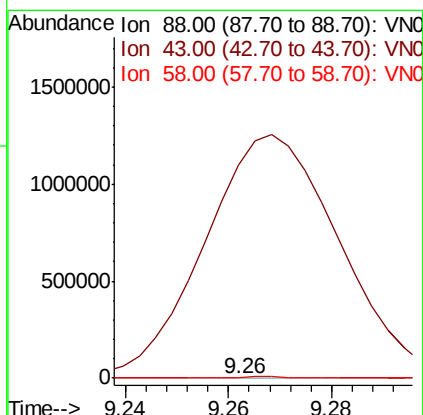
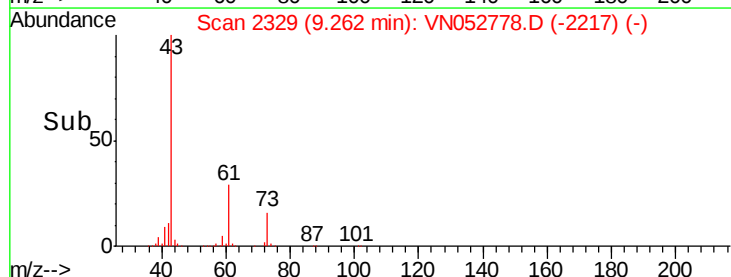


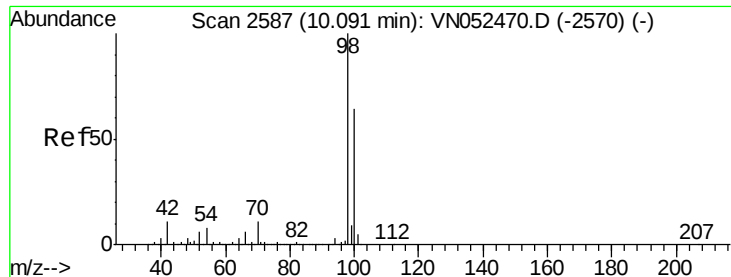
#49
1,4-Dioxane
Concen: 2.174 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.06 min
Lab File: VN052778.D
Acq: 11 Dec 2018 3:38

Tgt Ion: 88 Resp: 219
Ion Ratio Lower Upper
88 100
43 1054240.6 26.4 39.6#
58 4610.5 55.4 83.0#



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: 2.174 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampled :

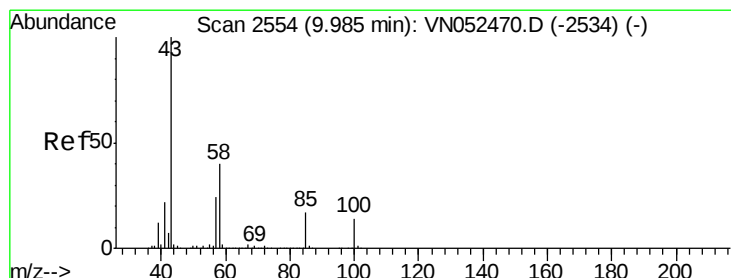
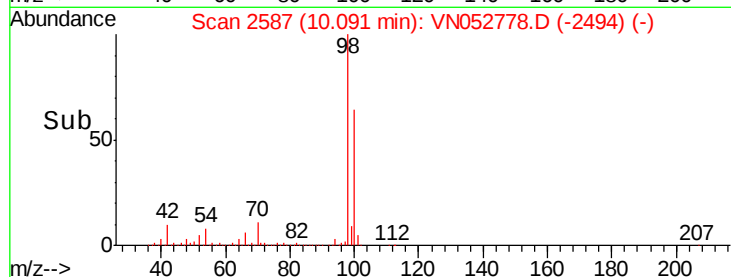
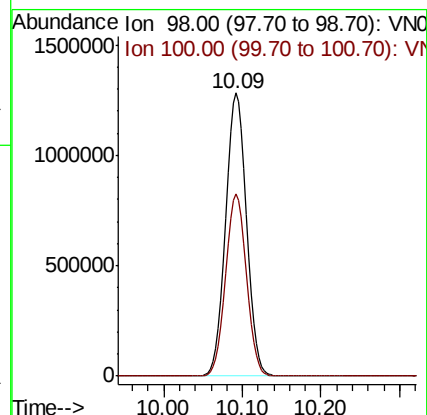
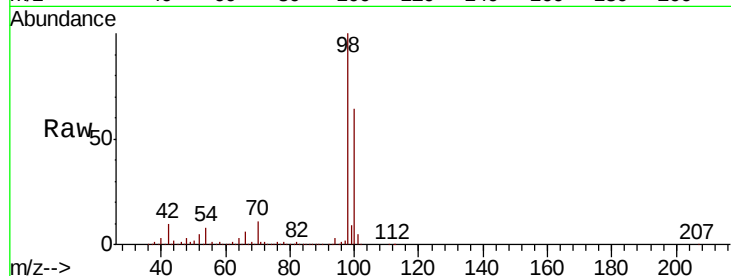
K-120718-RO

Tot Ion: 98 Resp: 2339262

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 0.664 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052778.D

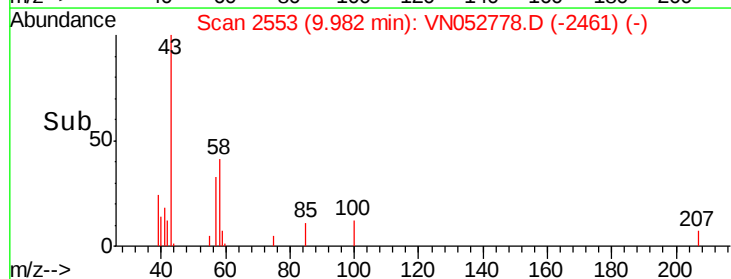
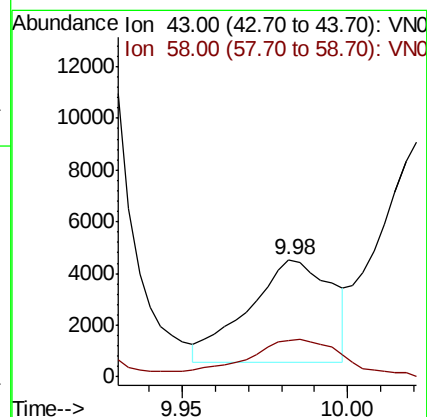
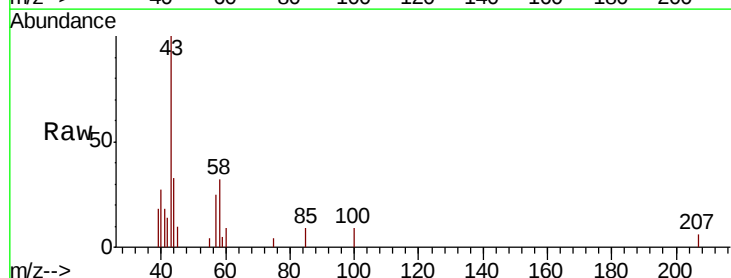
Acq: 11 Dec 2018 3:38

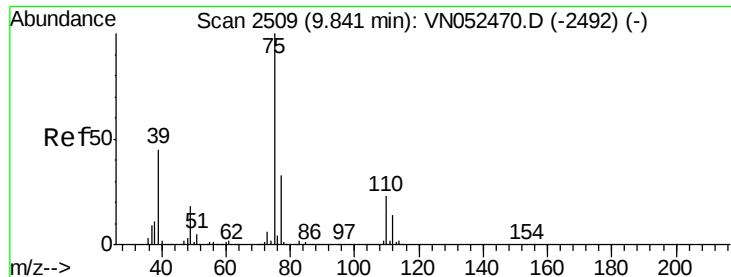
Tgt Ion: 43 Resp: 6938

Ion Ratio Lower Upper

43 100

58 43.0 31.5 47.3





#54

cis-1,3-Dichloropropene

Concen: 5.550 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

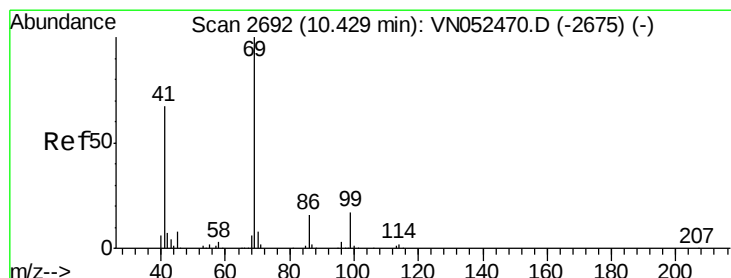
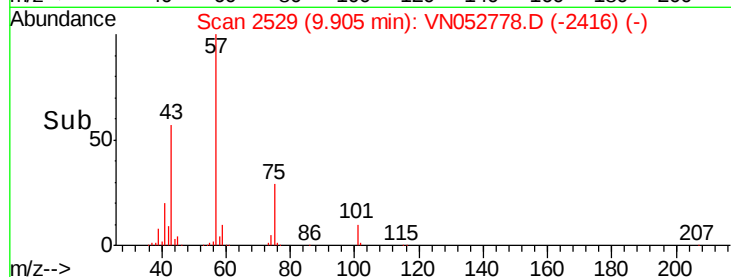
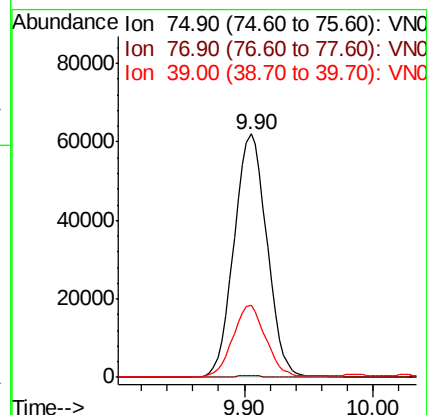
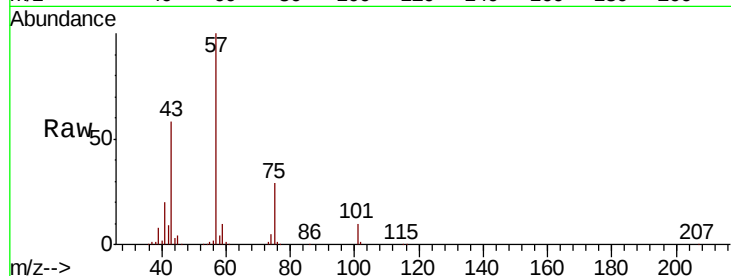
Tot Ion: 75 Resp: 109992

Ion Ratio Lower Upper

75 100

77 0.6 26.2 39.2#

39 29.4 36.0 54.0#



#56

Ethyl methacrylate

Concen: 2.772 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

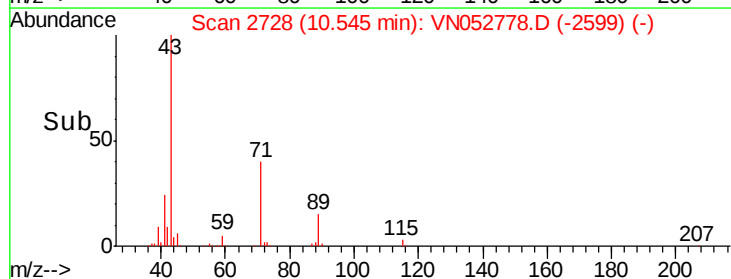
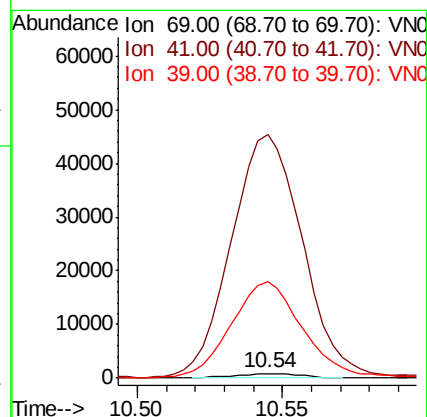
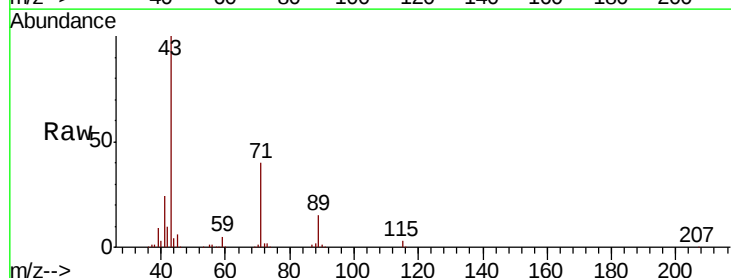
Tgt Ion: 69 Resp: 1303

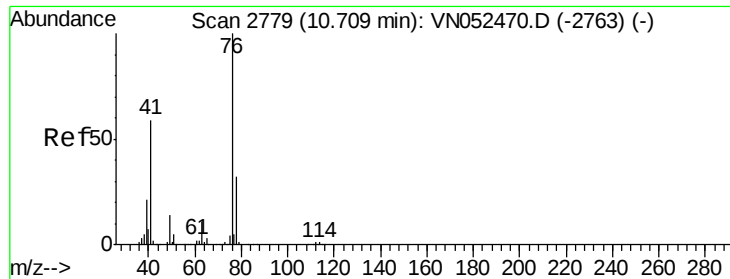
Ion Ratio Lower Upper

69 100

41 5980.0 52.6 79.0#

39 2376.3 25.9 38.9#

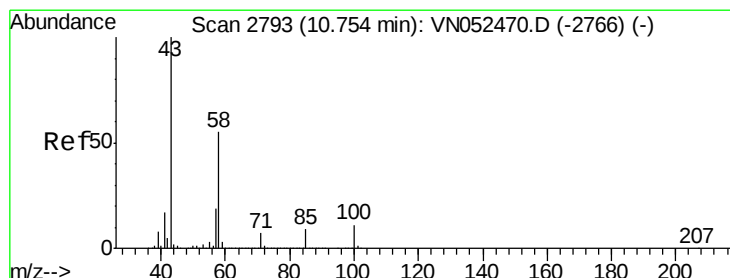
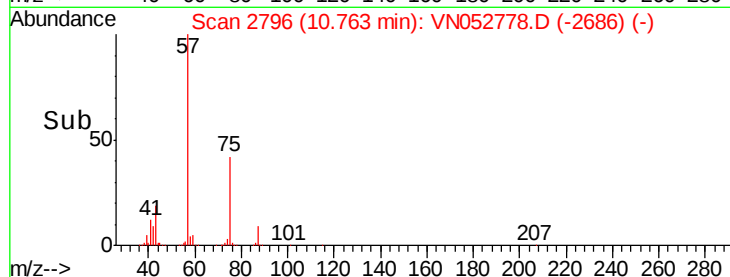
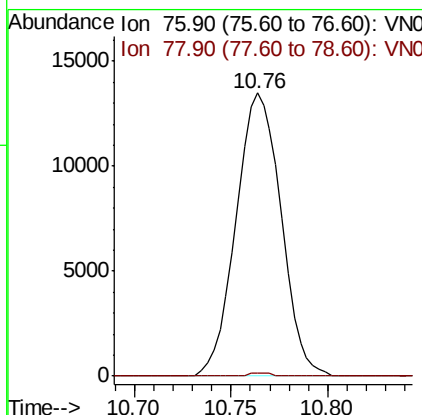
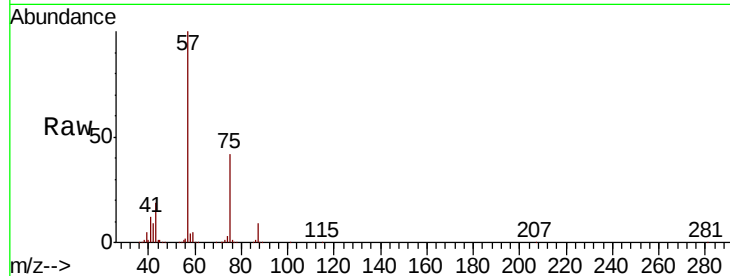




#57
 1,3-Dichloropropane
 Concen: 1.101 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

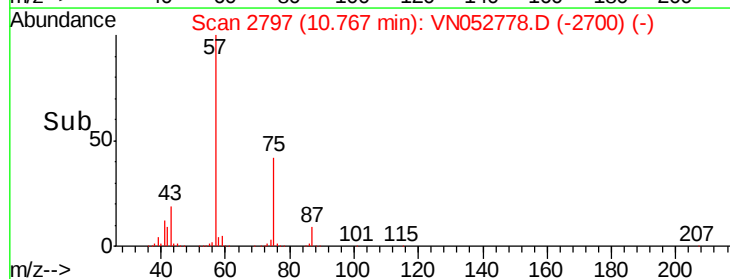
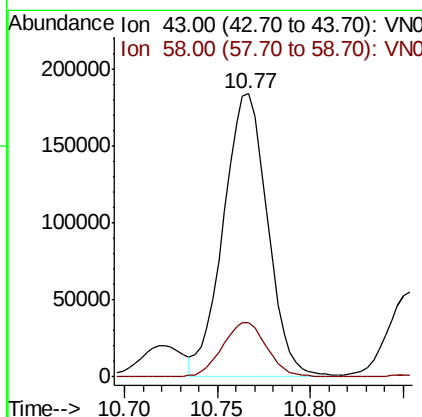
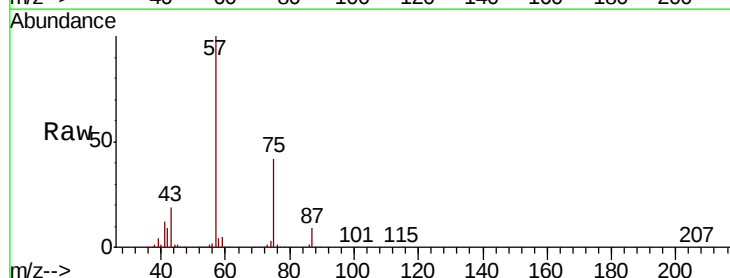
Instrument :
 MSVOA_N
 ClientSampleId :
 K-120718-RO

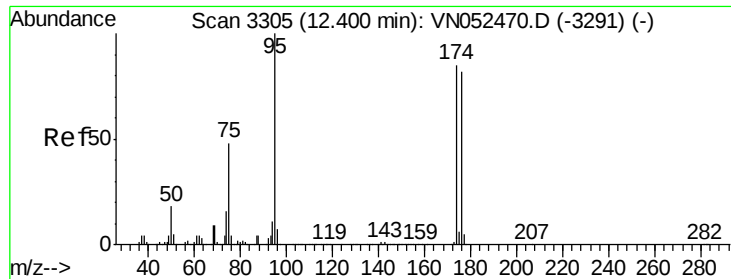
Tot Ion: 76 Resp: 21826
 Ion Ratio Lower Upper
 76 100
 78 0.6 25.6 38.4#



#59
 2-Hexanone
 Concen: 43.130 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Tgt Ion: 43 Resp: 302384
 Ion Ratio Lower Upper
 43 100
 58 19.6 27.4 82.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

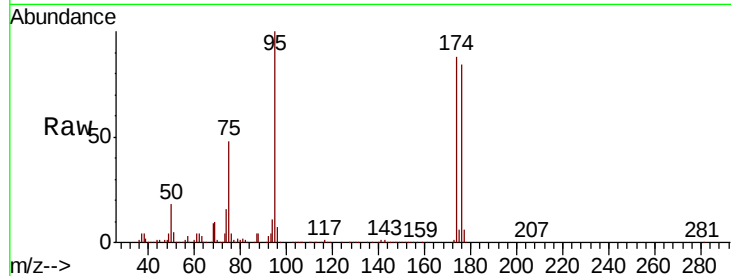
Tot Ion: 95 Resp: 777986

Ion Ratio Lower Upper

95 100

174 89.0 0.0 173.0

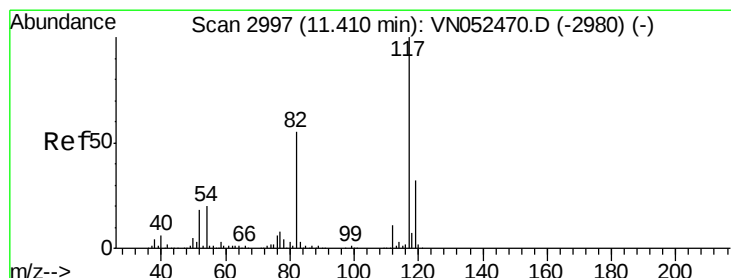
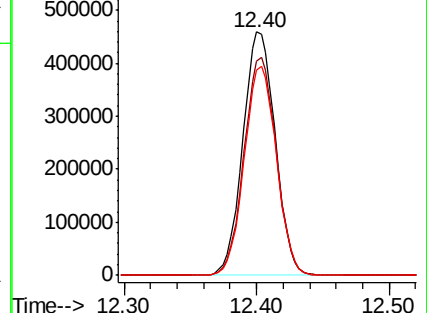
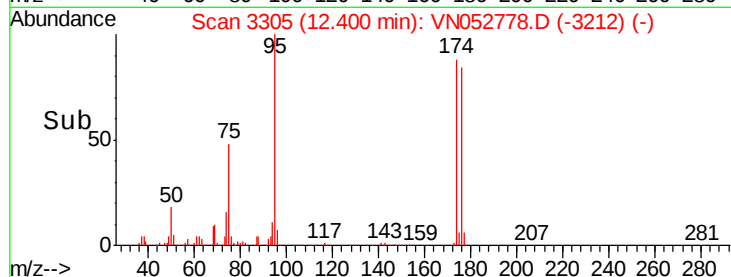
176 85.5 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052778.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052778.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052778.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

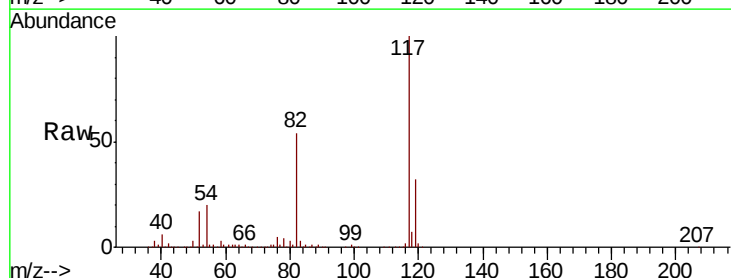
Tgt Ion: 117 Resp: 1717903

Ion Ratio Lower Upper

117 100

82 53.6 43.6 65.4

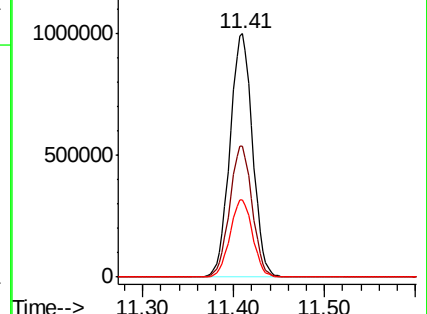
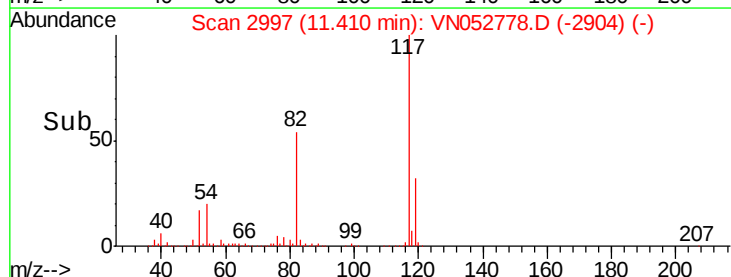
119 32.0 25.4 38.2

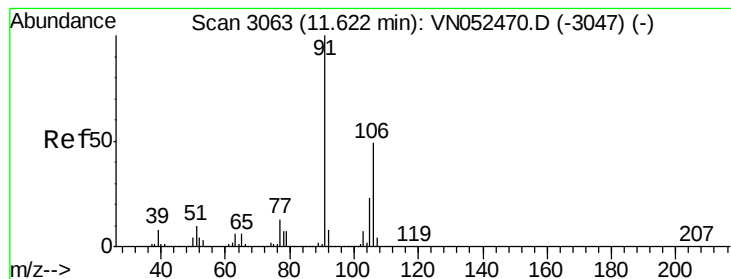


Abundance Ion 116.90 (116.60 to 117.60): VN052778.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052778.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052778.D (-2980) (-)





#68

m/p-Xvlenes

Concen: 0.370 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

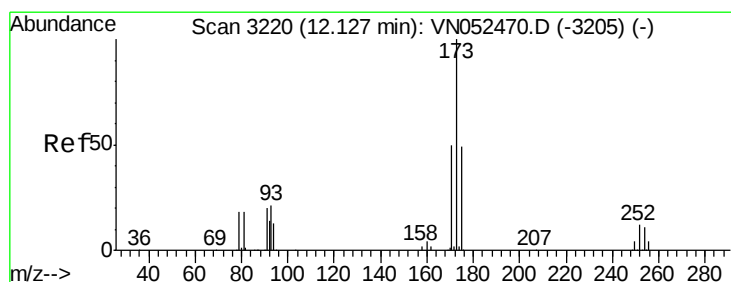
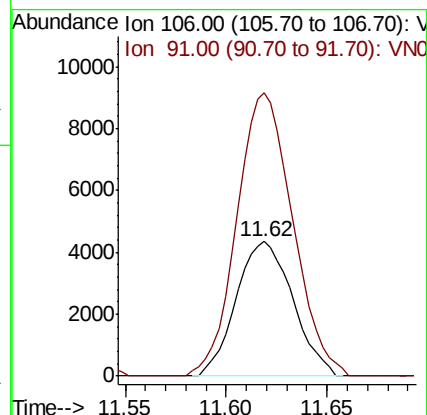
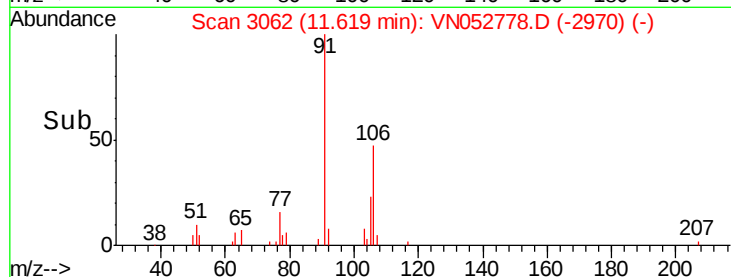
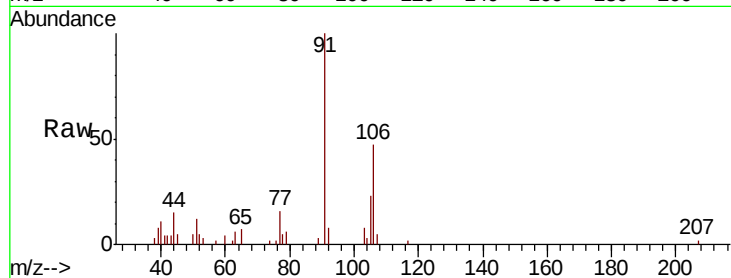
K-120718-RO

Tot Ion:106 Resp: 8543

Ion Ratio Lower Upper

106 100

91 207.6 163.2 244.8



#71

Bromoform

Concen: 0.569 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

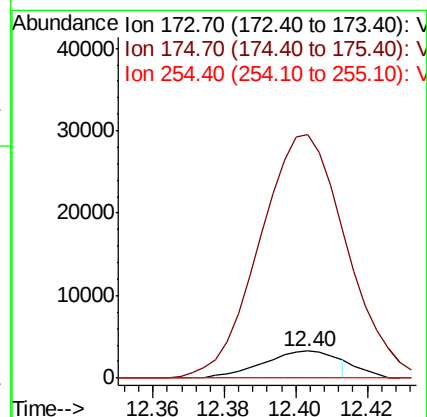
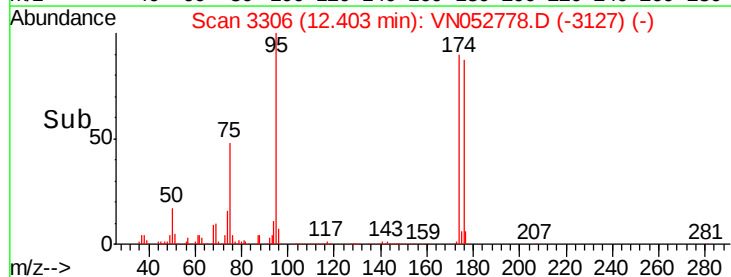
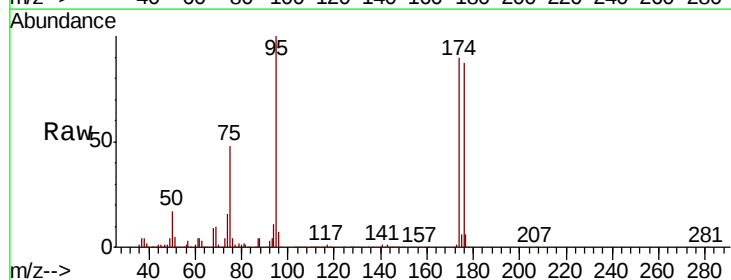
Tgt Ion:173 Resp: 4643

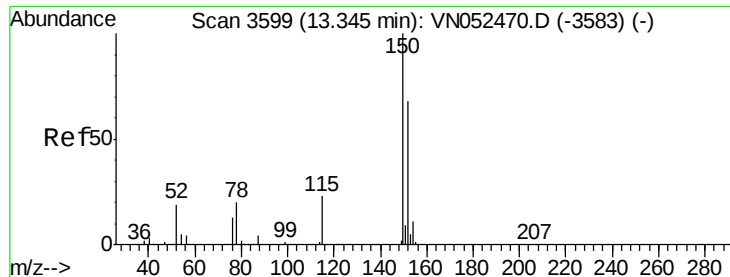
Ion Ratio Lower Upper

173 100

175 926.9 24.4 73.2#

254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

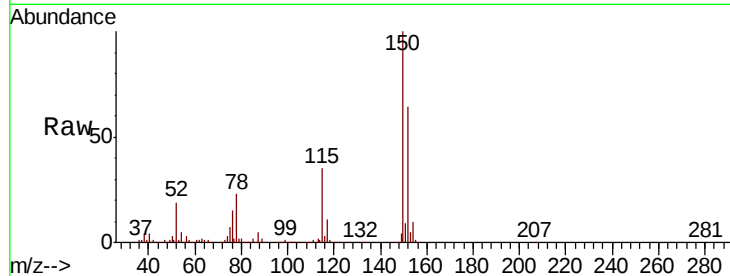
Tot Ion:152 Resp: 722343

Ion Ratio Lower Upper

152 100

115 55.9 28.4 85.2

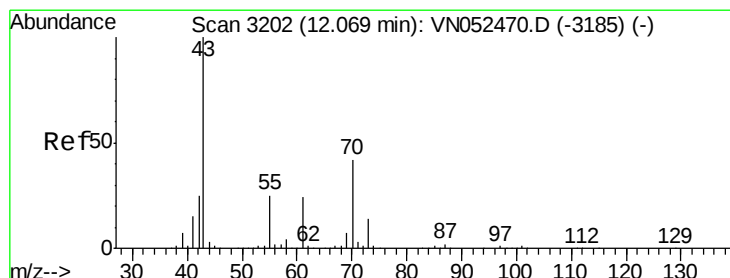
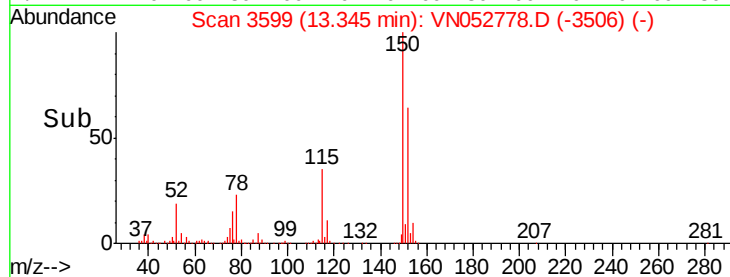
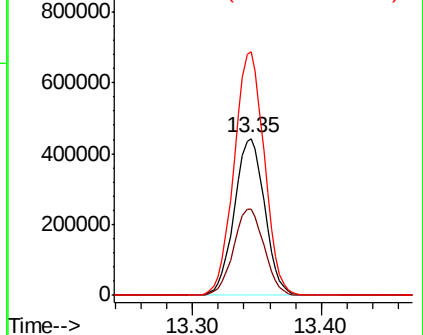
150 155.0 0.0 346.0



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: 2.374 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Tgt Ion: 43 Resp: 33996

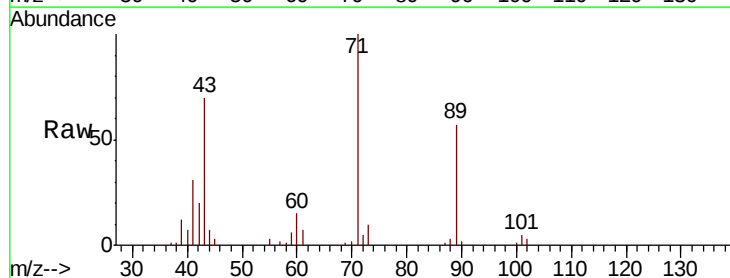
Ion Ratio Lower Upper

43 100

70 2.3 33.8 50.8#

55 5.1 20.0 30.0#

61 10.9 19.7 29.5#

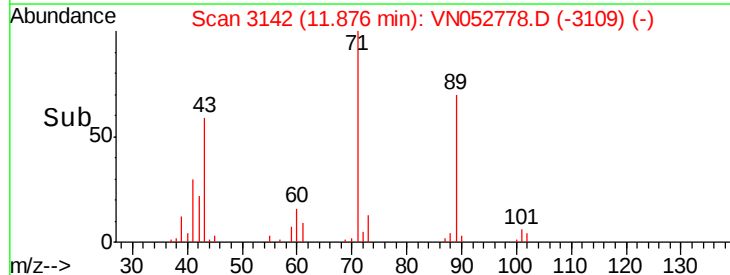
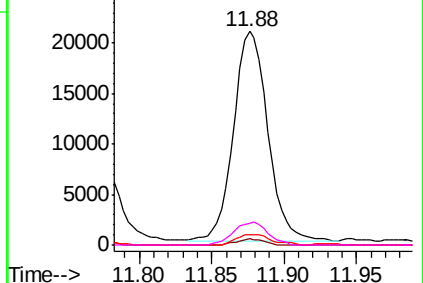


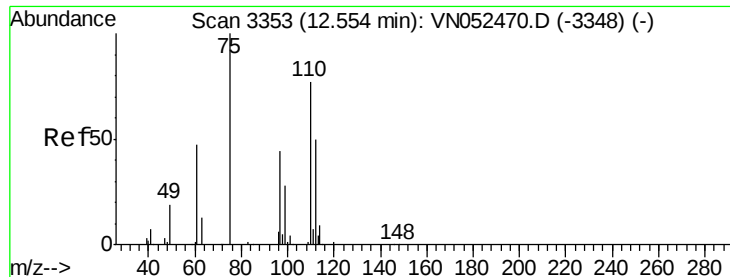
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#76

1,2,3-Trichloropropane

Concen: 33.159 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

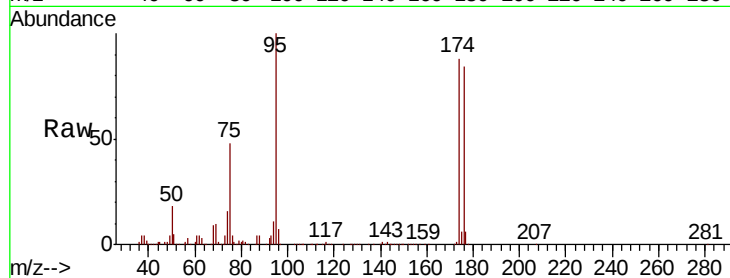
K-120718-RO

Tot Ion: 75 Resp: 369360

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN052778.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN052778.D (-3305) (-)

12.40

250000

200000

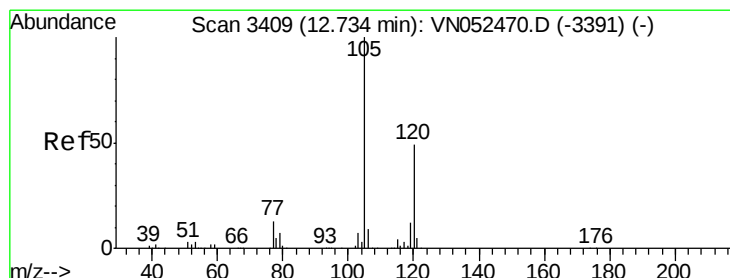
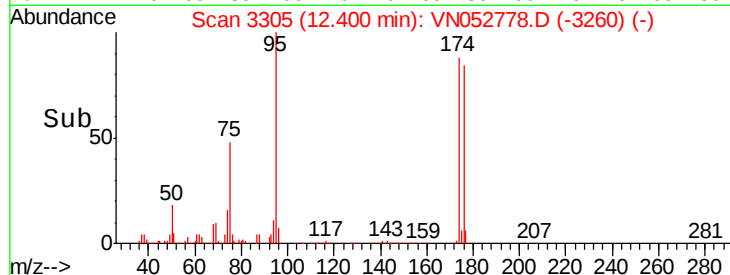
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.328 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052778.D

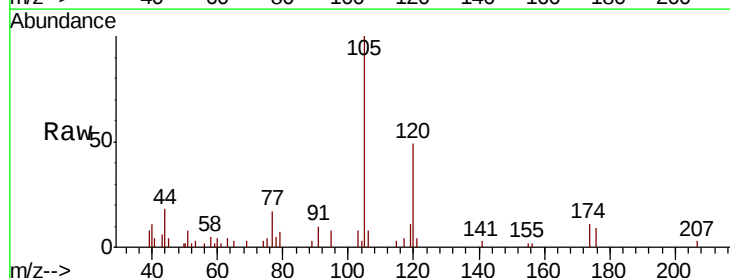
Acq: 11 Dec 2018 3:38

Tgt Ion: 105 Resp: 14842

Ion Ratio Lower Upper

105 100

120 50.0 24.3 73.0



Abundance Ion 105.00 (104.70 to 105.70): VN052778.D (-3316) (-)

Ion 120.00 (119.70 to 120.70): VN052778.D (-3316) (-)

12.73

10000

8000

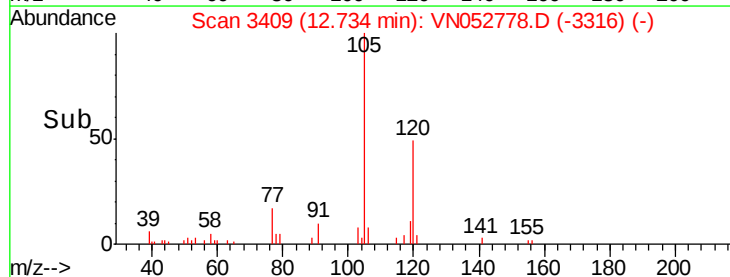
6000

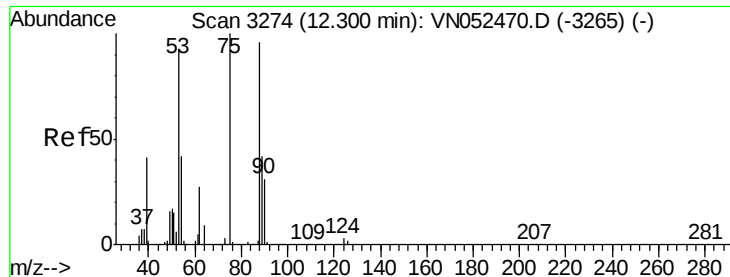
4000

2000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 110.737 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052778.D

Acq: 11 Dec 2018 3:38

Instrument :

MSVOA_N

ClientSampleId :

K-120718-RO

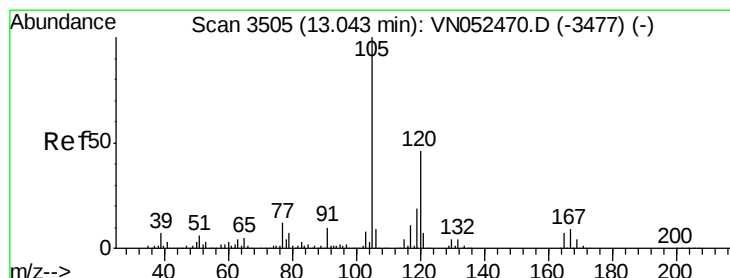
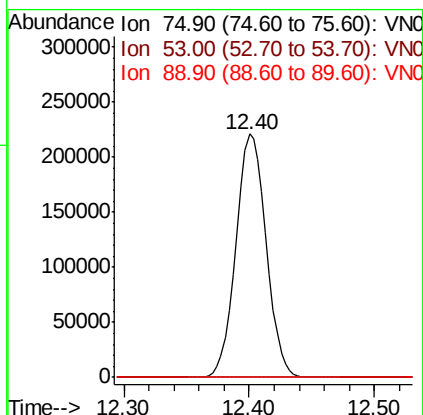
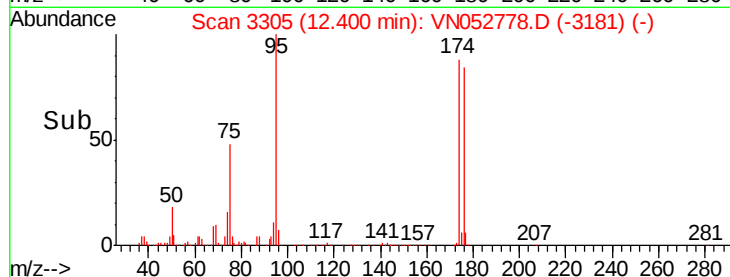
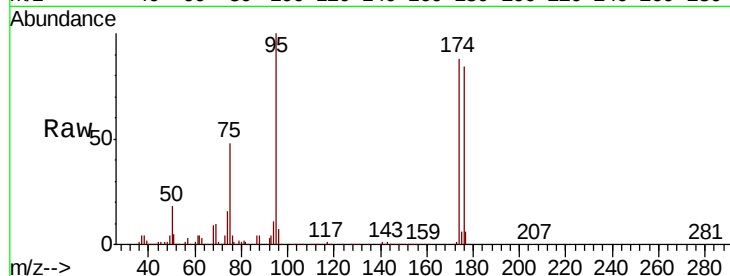
Tot Ion: 75 Resp: 369360

Ion Ratio Lower Upper

75 100

53 0.0 77.4 116.0#

89 0.0 35.4 53.2#



#84

1,2,4-Trimethylbenzene

Concen: 0.549 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052778.D

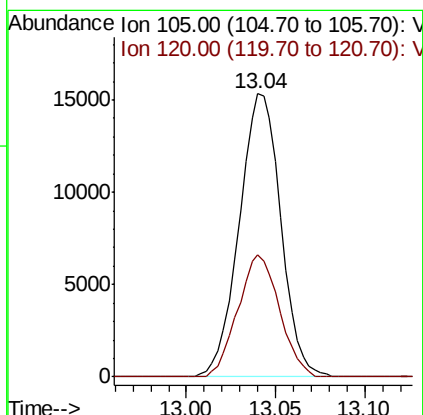
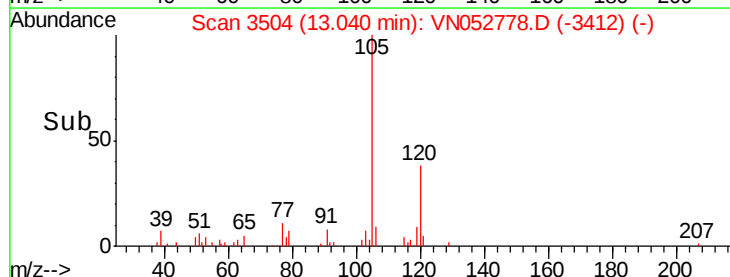
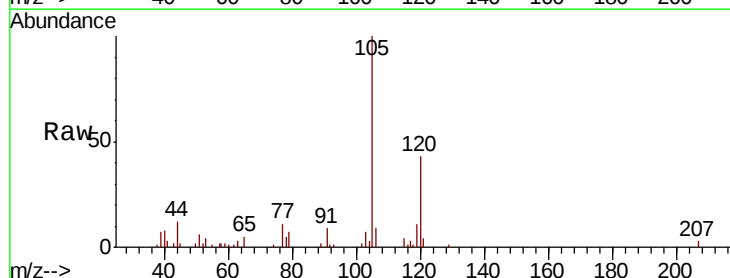
Acq: 11 Dec 2018 3:38

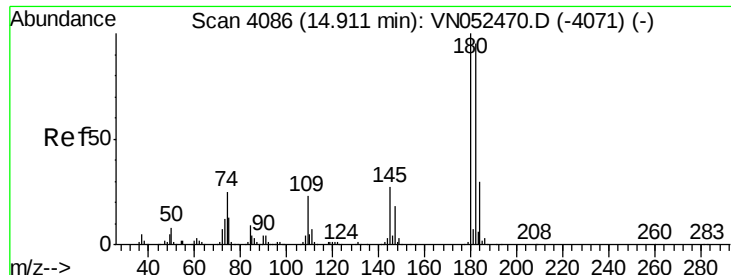
Tgt Ion: 105 Resp: 24860

Ion Ratio Lower Upper

105 100

120 43.0 22.8 68.4

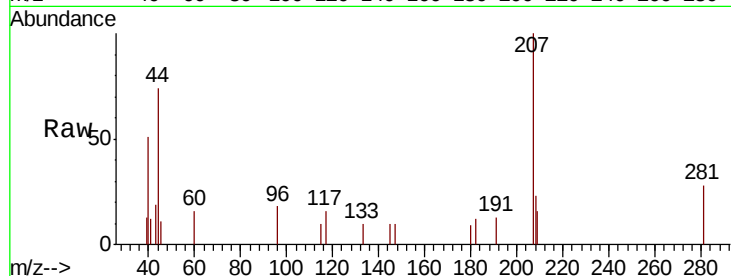




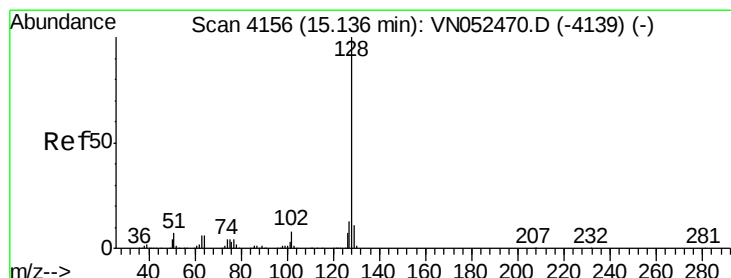
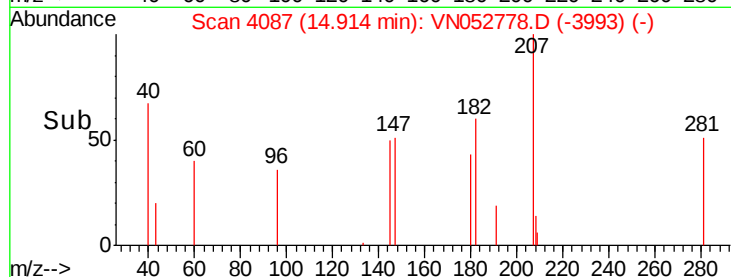
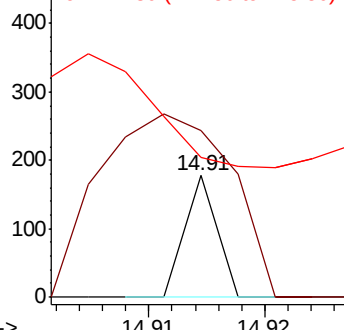
#93
 1,2,4-Trichlorobenzene
 Concen: 2.832 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Instrument :
 MSVOA_N
 ClientSampleId :
 K-120718-RO

Tot Ion:180 Resp: 34
 Ion Ratio Lower Upper
 180 100
 182 617.6 47.8 143.4#
 145 573.5 14.1 42.3#

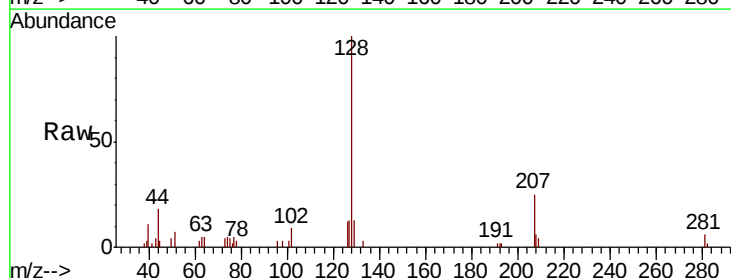


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

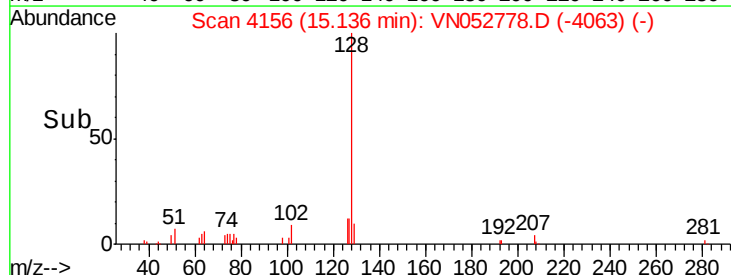
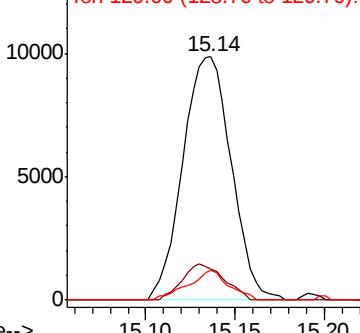


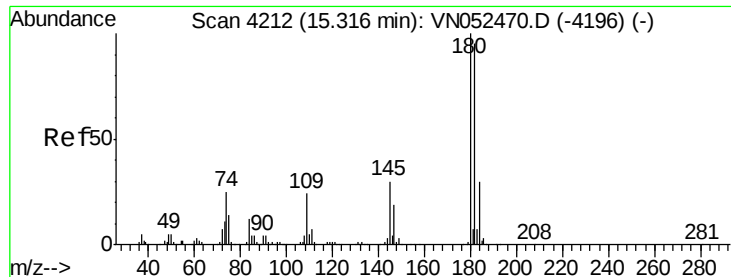
#95
 Naphthalene
 Concen: 4.069 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Tgt Ion:128 Resp: 18698
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 10.1 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

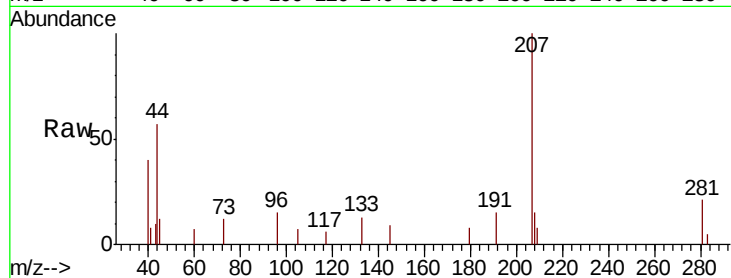




#96
 1,2,3-Trichlorobenzene
 Concen: 2.741 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052778.D
 Acq: 11 Dec 2018 3:38

Instrument :
 MSVOA_N
 ClientSampleId :
 K-120718-RO

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.8	143.3#
145	470.7	15.2	45.5#



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

