

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057990.D
 Acq On : 12 Sep 2019 23:24
 Operator : JC/SP
 Sample : K4680-29
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-3-(4)

Quant Time: Sep 13 04:52:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	231958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	428569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	376484	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	186789	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	327800	69.77	ug/l	0.00
Spiked Amount			Recovery	=	139.54%	
35) Dibromofluoromethane	7.58	113	220477	55.74	ug/l	0.00
Spiked Amount			Recovery	=	111.48%	
50) Toluene-d8	10.09	98	764224	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.41	95	254625	43.51	ug/l	0.00
Spiked Amount			Recovery	=	87.02%	

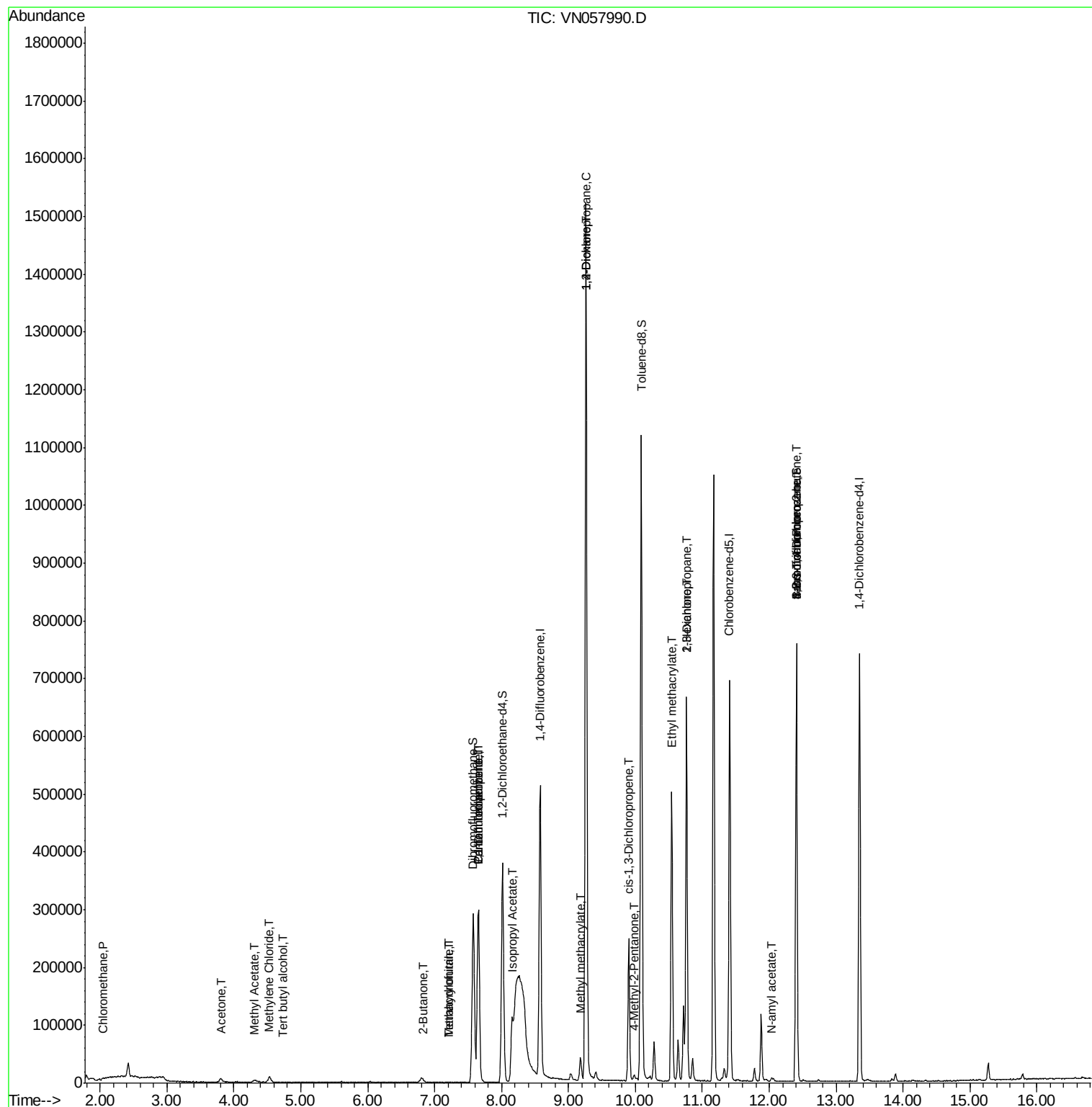
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	759	0.232	ug/l #	86
5) Bromomethane	2.55	94	428	Below Cal	#	65
11) Tert butyl alcohol	4.74	59	311	0.547	ug/l #	72
16) Acetone	3.81	43	9561	6.208	ug/l	93
18) Methyl Acetate	4.32	43	6195	1.509	ug/l #	77
20) Methylene Chloride	4.53	84	6532	1.022	ug/l	91
25) 2-Butanone	6.83	43	2397	1.075	ug/l	96
29) Tetrahydrofuran	7.20	42	443	0.323	ug/l #	34
31) Cyclohexane	7.65	56	5948	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	20477	4.120	ug/l #	51
38) Carbon Tetrachloride	7.65	117	23986	5.286	ug/l #	15
41) Methacrylonitrile	7.21	41	542	0.233	ug/l #	30
43) Isopropyl Acetate	8.16	43	133851	15.500	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	1886	0.433	ug/l #	44
48) Methyl methacrylate	9.18	41	5062	1.156	ug/l #	13
49) 1,4-Dioxane	9.26	88	145	1.957	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	7629	1.493	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	39740	6.505	ug/l #	67
56) Ethyl methacrylate	10.54	69	2027	0.337	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6331	0.920	ug/l #	43
59) 2-Hexanone	10.76	43	99109	25.874	ug/l #	53
71) Bromoform	12.41	173	1646	0.772	ug/l #	1
74) N-aryl acetate	12.04	43	5820	0.923	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	142598	33.747	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	142598	118.757	ug/l #	6
95) Naphthalene	15.13	128	966	Below Cal	#	69

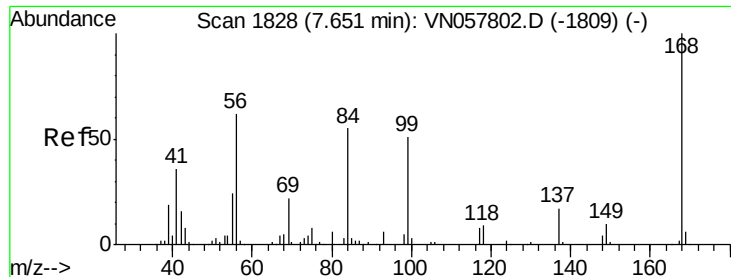
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
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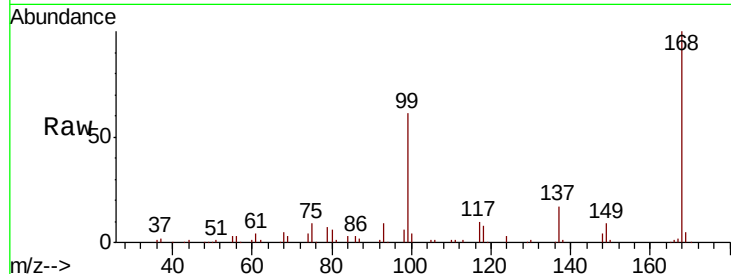




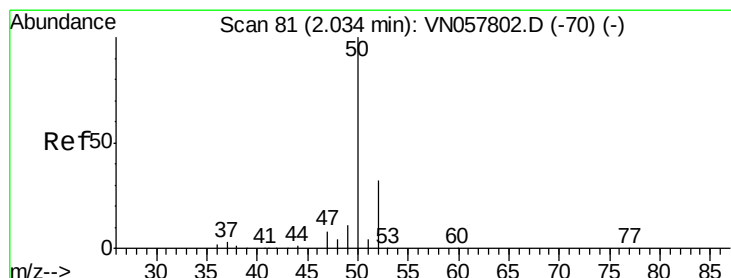
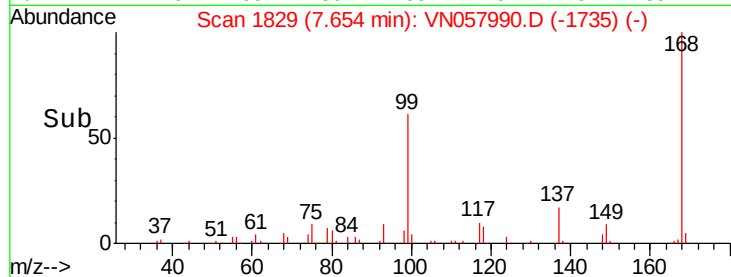
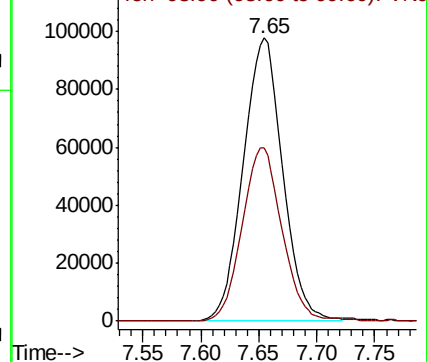
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Instrument :
MSVOA_N
ClientSampled :
T2-3-(4)

Tgt Ion: 168 Resp: 231958
Ion Ratio Lower Upper
168 100
99 61.3 48.0 72.0

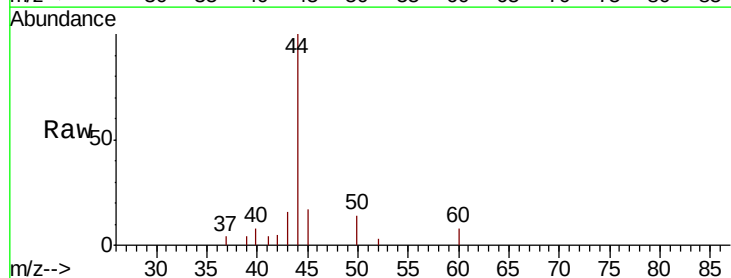


Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)
Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

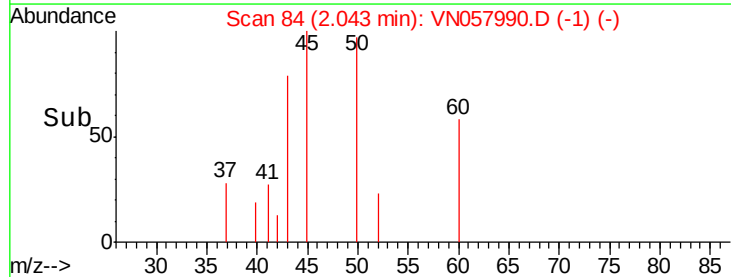
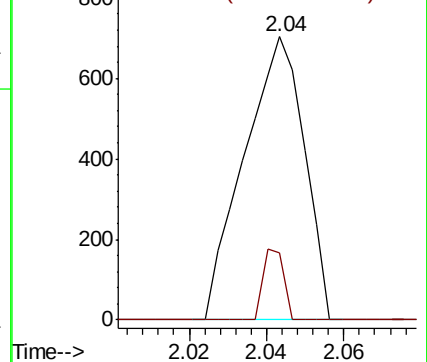


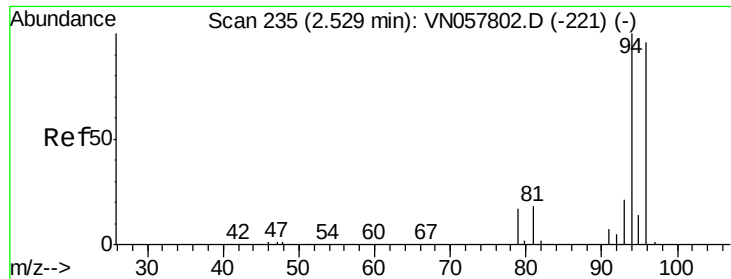
#3
Chloromethane
Concen: 0.232 ug/l
RT: 2.04 min Scan# 84
Delta R.T. 0.01 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Tgt Ion: 50 Resp: 759
Ion Ratio Lower Upper
50 100
52 23.9 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)
Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

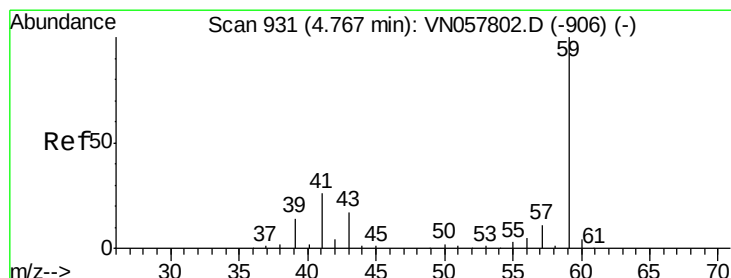
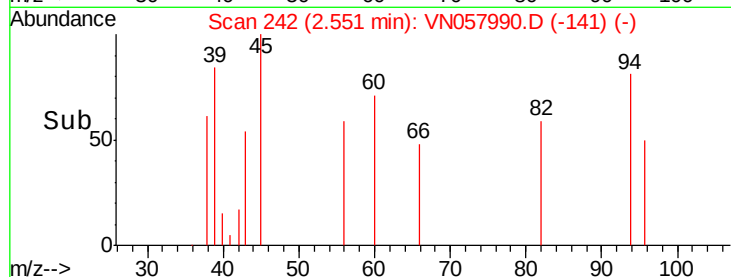
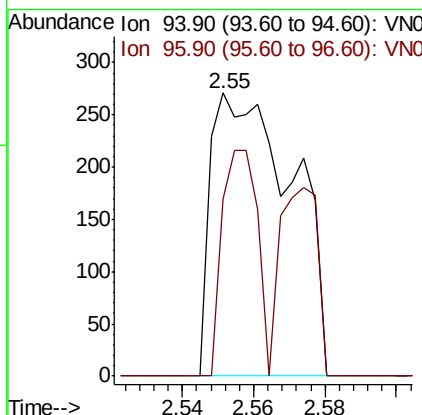
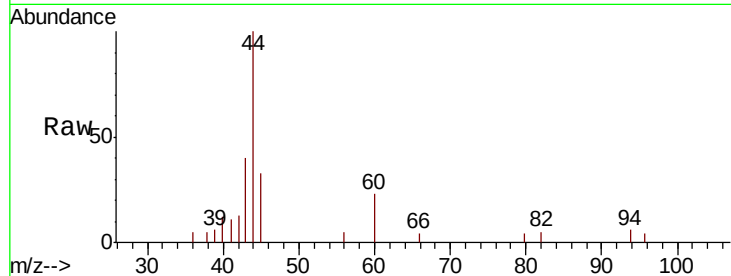




#5
Bromomethane
Concen: Below Cal
RT: 2.55 min Scan# 242
Delta R.T. 0.02 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

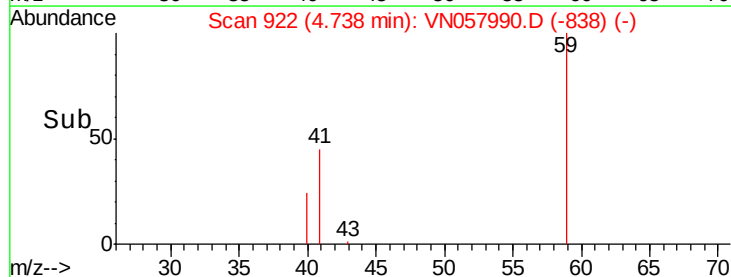
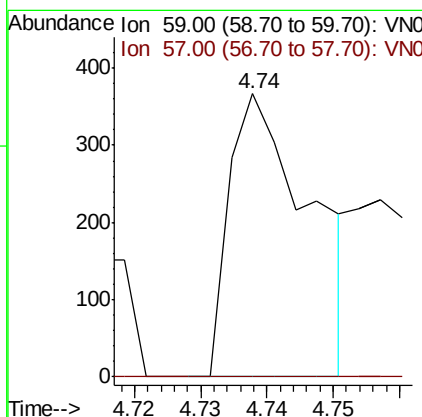
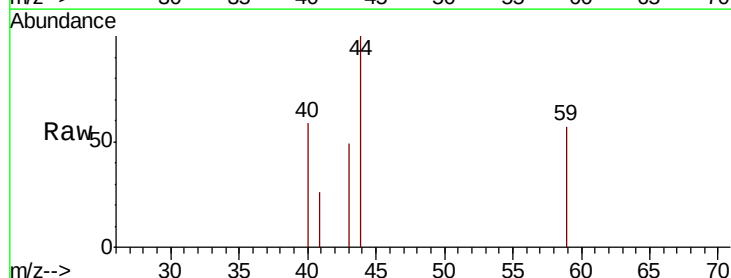
Instrument :
MSVOA_N
ClientSampled :
T2-3-(4)

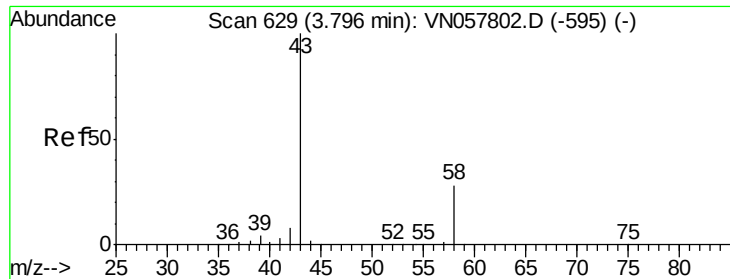
Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 62.4 77.0 115.4#



#11
Tert butyl alcohol
Concen: 0.547 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.03 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#16

Acetone

Concen: 6.208 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

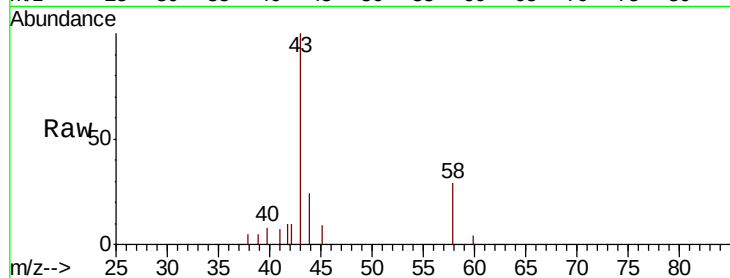
T2-3-(4)

Tgt Ion: 43 Resp: 9561

Ion Ratio Lower Upper

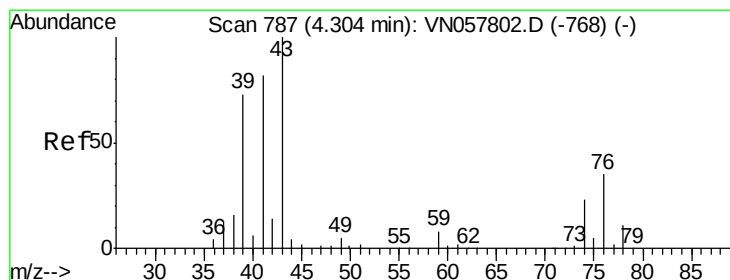
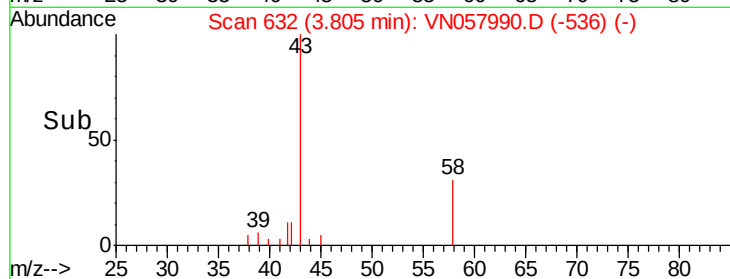
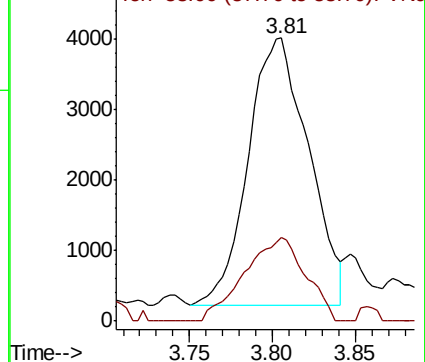
43 100

58 31.2 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 1.509 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN057990.D

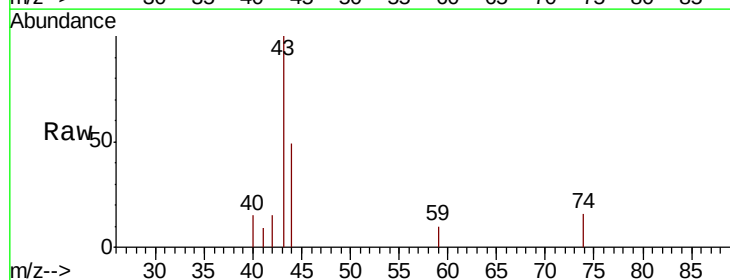
Acq: 12 Sep 2019 23:24

Tgt Ion: 43 Resp: 6195

Ion Ratio Lower Upper

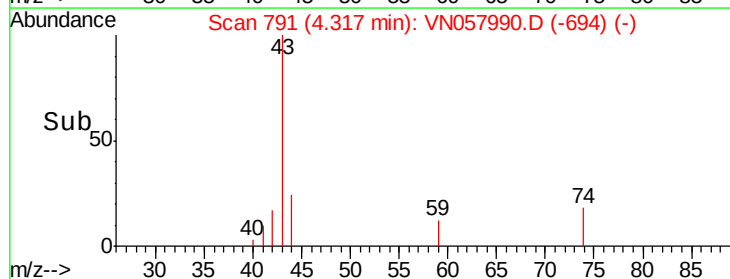
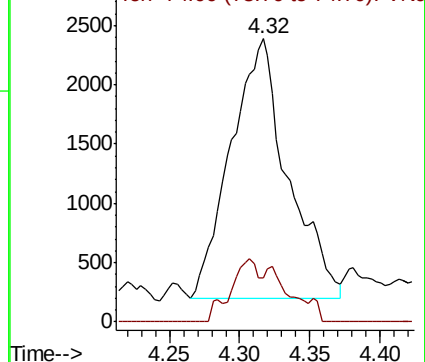
43 100

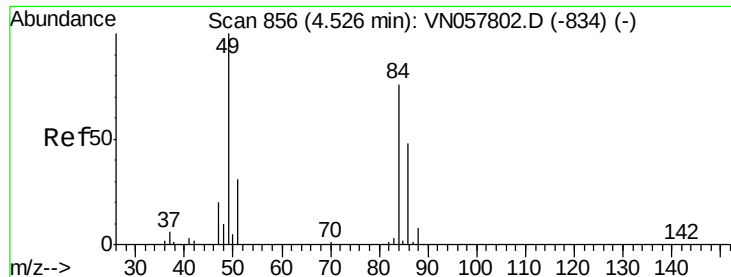
74 11.4 17.9 26.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

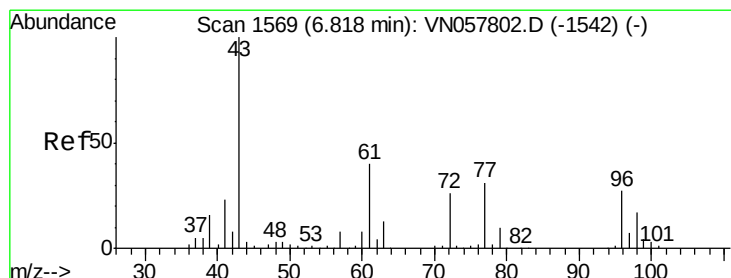
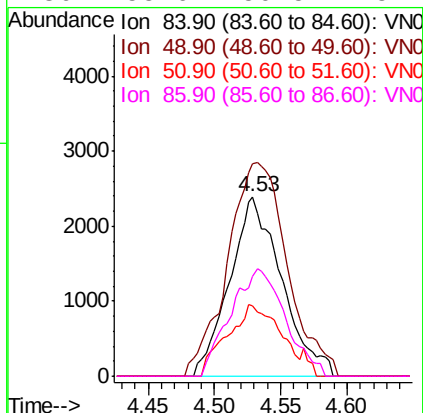
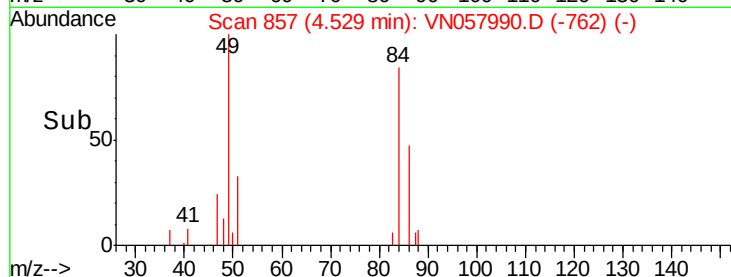
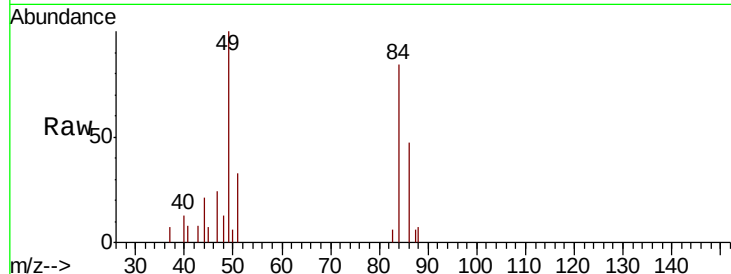




#20
Methylene Chloride
Concen: 1.022 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

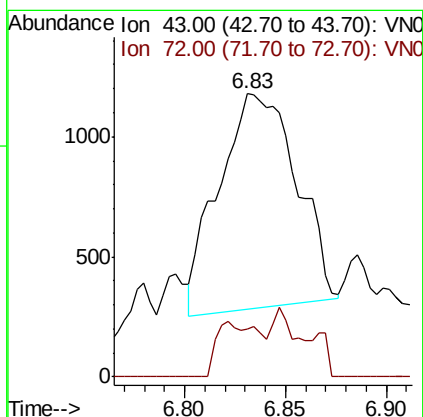
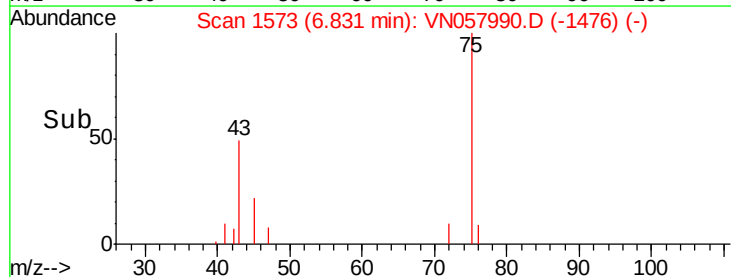
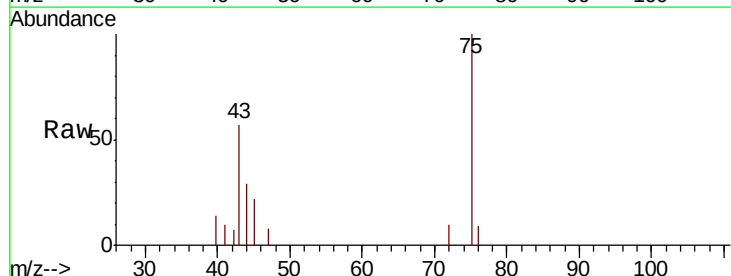
Instrument :
MSVOA_N
ClientSampled :
T2-3-(4)

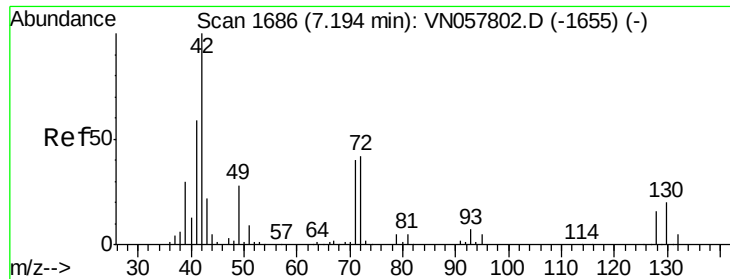
Tgt Ion:	84	Resp:	6532
Ion	Ratio	Lower	Upper
84	100		
49	118.6	104.8	157.2
51	39.2	33.0	49.4
86	55.6	50.5	75.7



#25
2-Butanone
Concen: 1.075 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Tgt Ion:	43	Resp:	2397
Ion	Ratio	Lower	Upper
43	100		
72	23.7	20.6	30.8





#29

Tetrahydrofuran

Concen: 0.323 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

T2-3-(4)

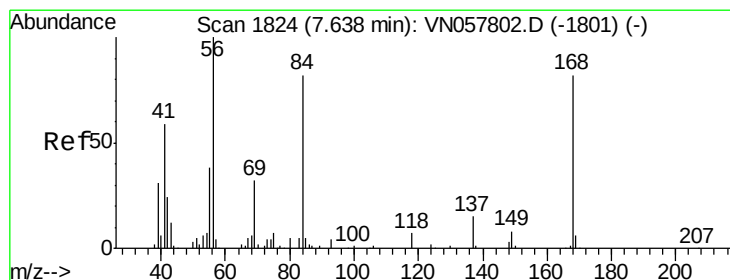
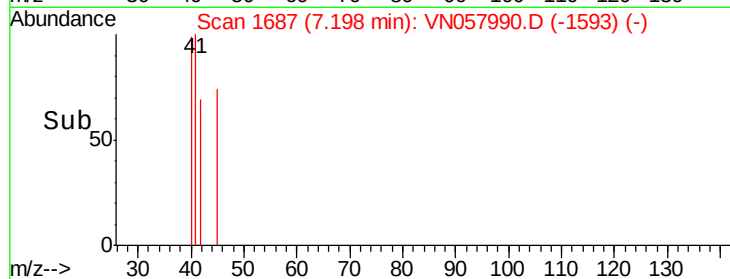
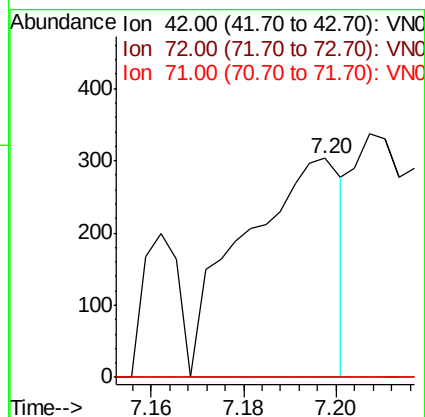
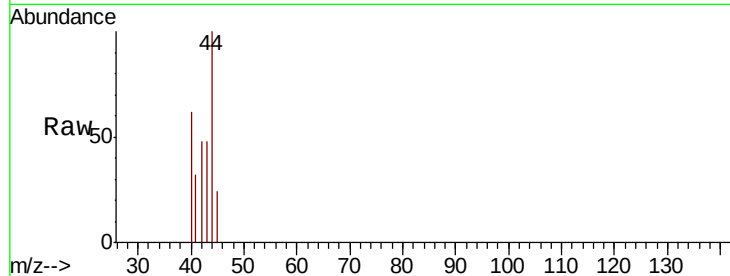
Tgt Ion: 42 Resp: 443

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

71 0.0 31.9 47.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

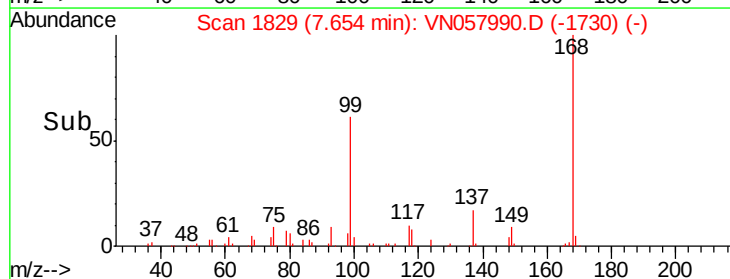
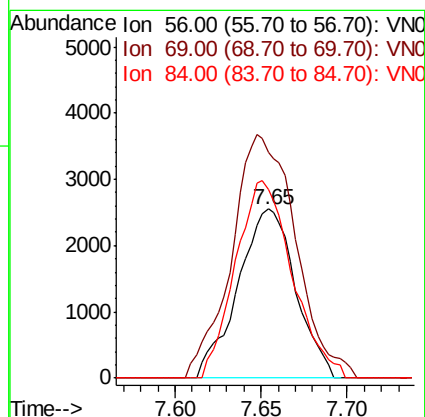
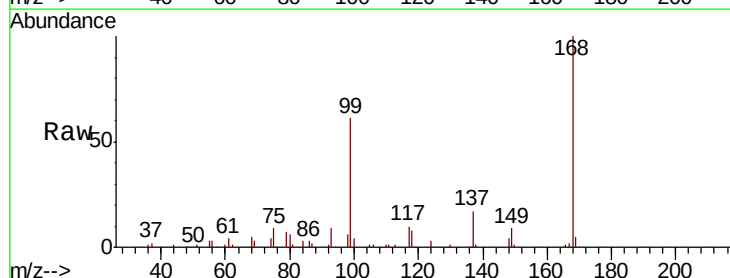
Tgt Ion: 56 Resp: 5948

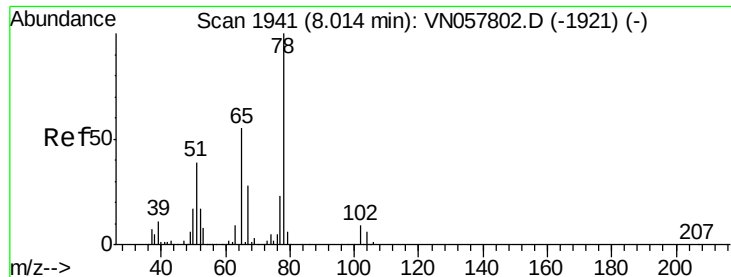
Ion Ratio Lower Upper

56 100

69 124.9 25.9 38.9#

84 111.5 65.6 98.4#

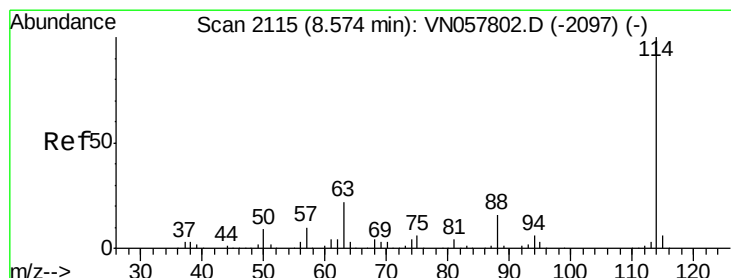
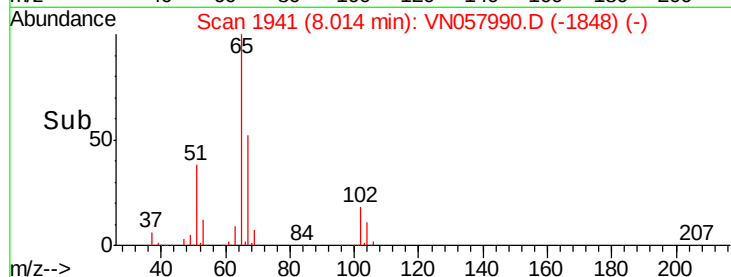
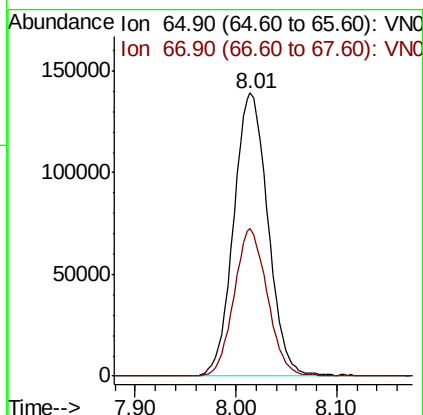
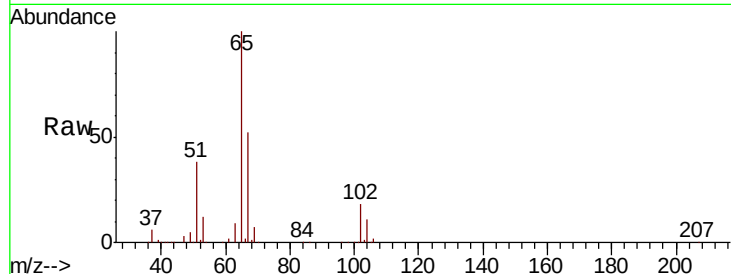




#33
 1,2-Dichloroethane-d4
 Concen: 69.773 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

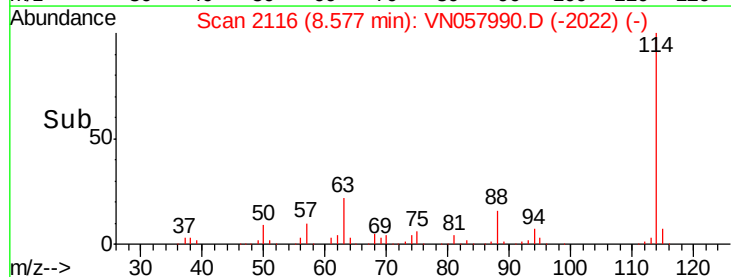
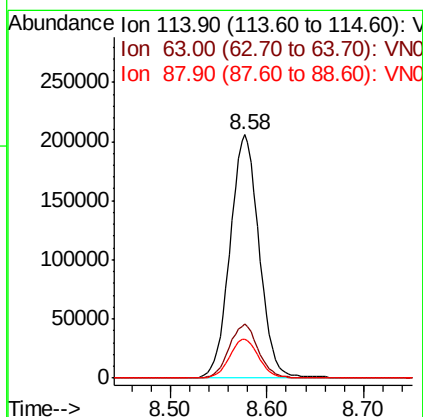
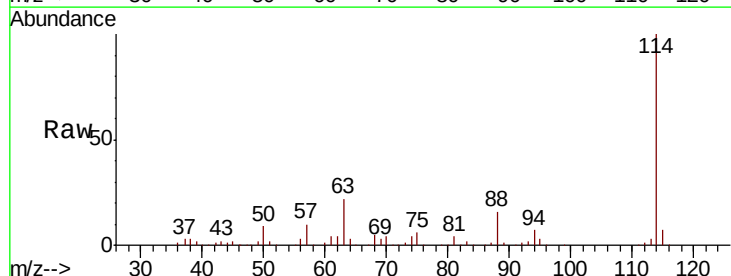
Instrument :
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 ClientSampled :
 T2-3-(4)

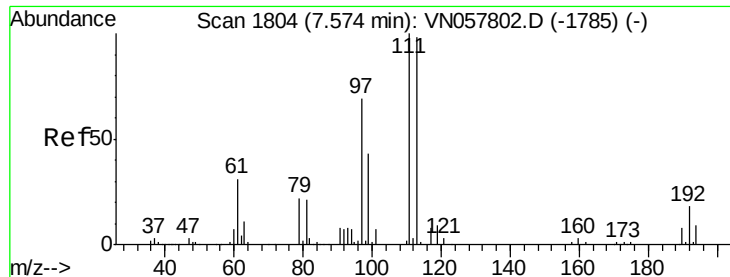
Tgt Ion: 65 Resp: 327800
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

Tgt Ion: 114 Resp: 428569
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.0 0.0 31.4

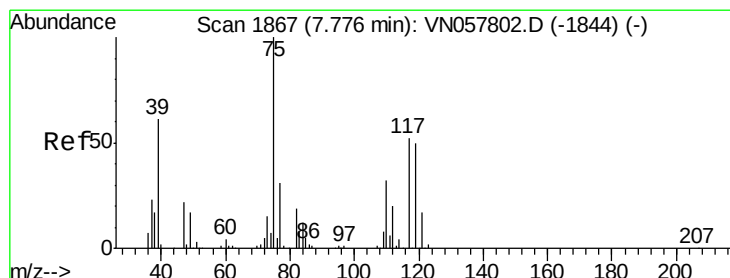
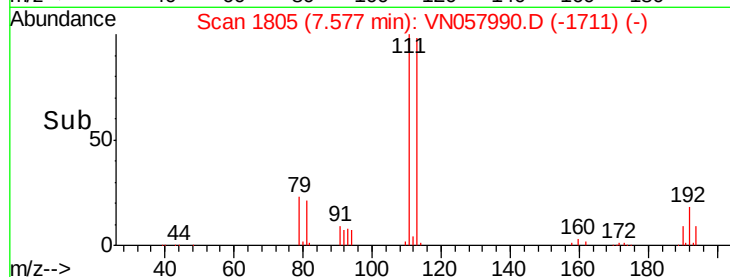
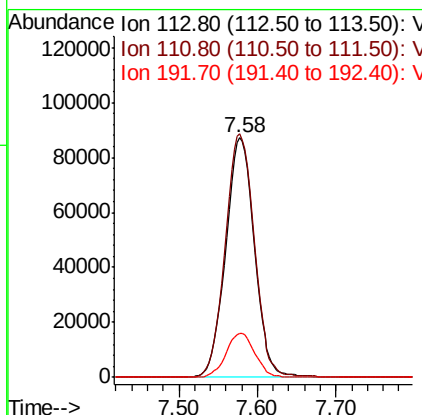
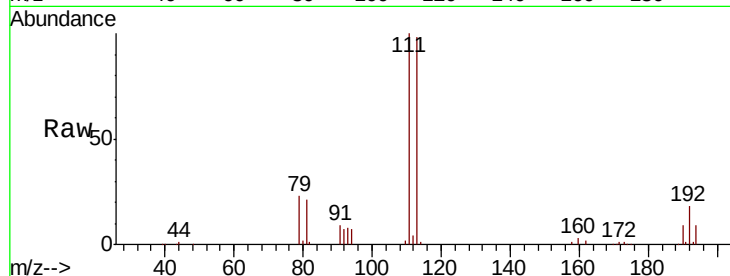




#35
 Dibromofluoromethane
 Concen: 55.739 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

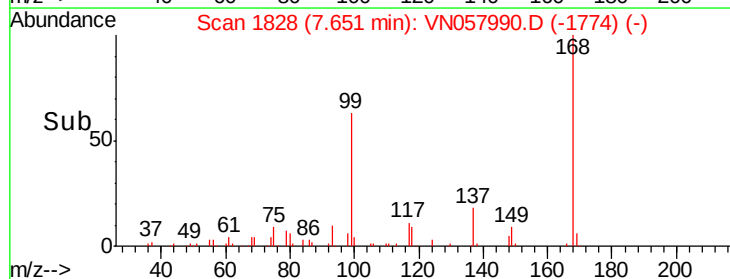
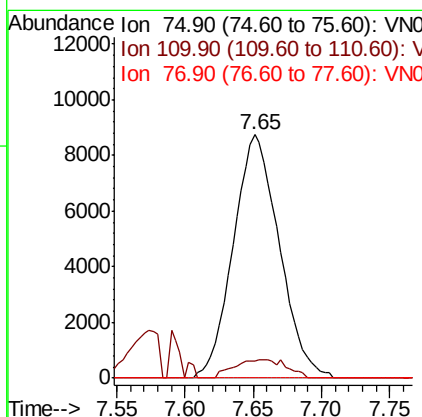
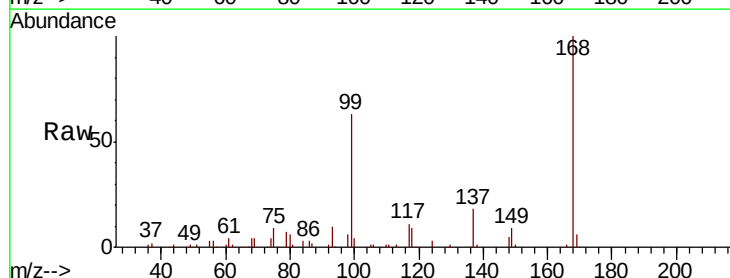
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-3-(4)

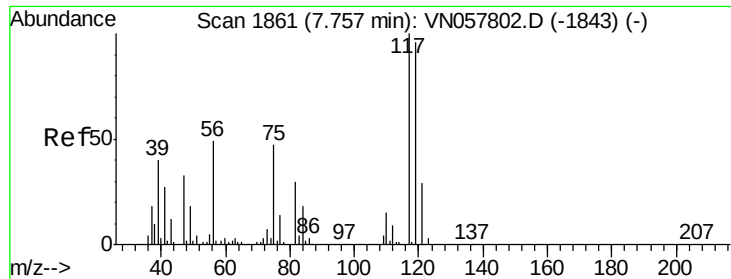
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	18.4	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.120 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.7	16.3	48.9#
77	0.0	25.0	37.4#





#38

Carbon Tetrachloride

Concen: 5.286 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

T2-3-(4)

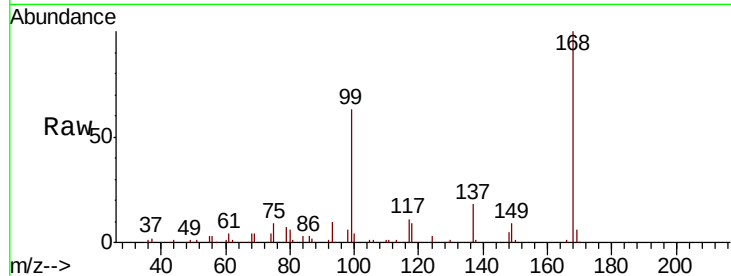
Tgt Ion: 117 Resp: 23986

Ion Ratio Lower Upper

117 100

119 4.3 76.9 115.3#

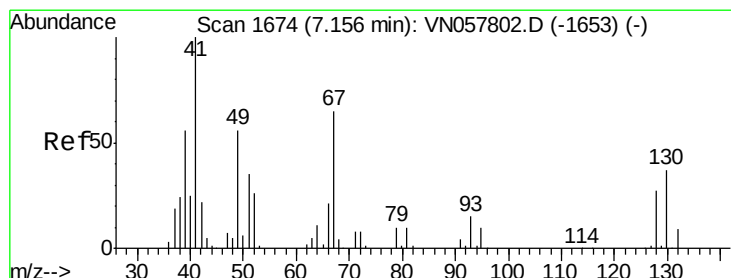
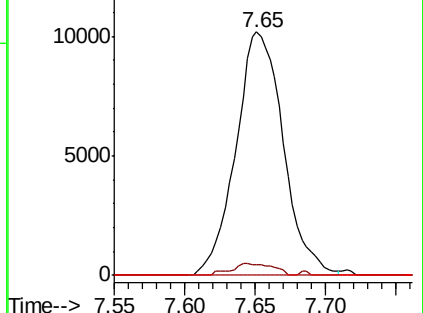
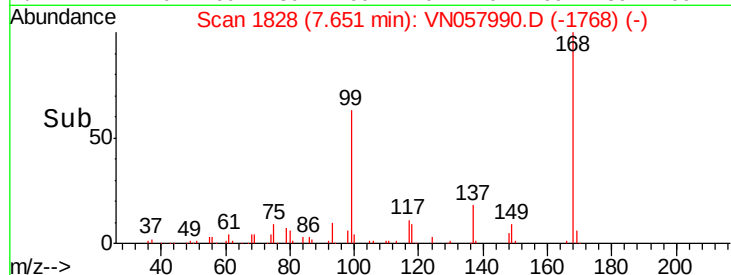
121 0.0 23.4 35.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.233 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.06 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Tgt Ion: 41 Resp: 542

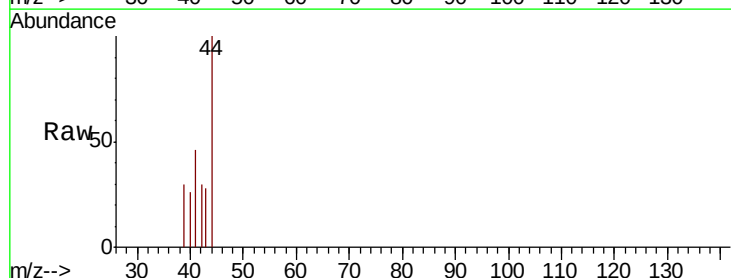
Ion Ratio Lower Upper

41 100

39 32.7 51.0 76.6#

67 0.0 70.7 106.1#

52 0.0 30.8 46.2#

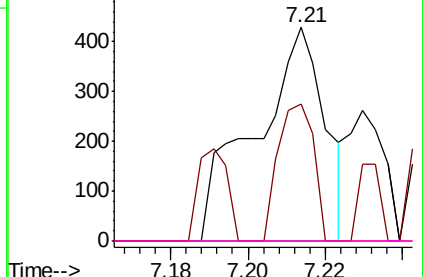
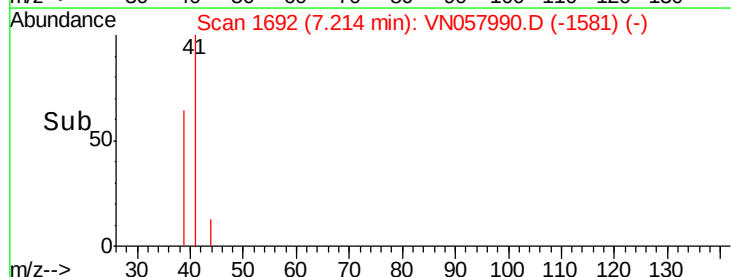


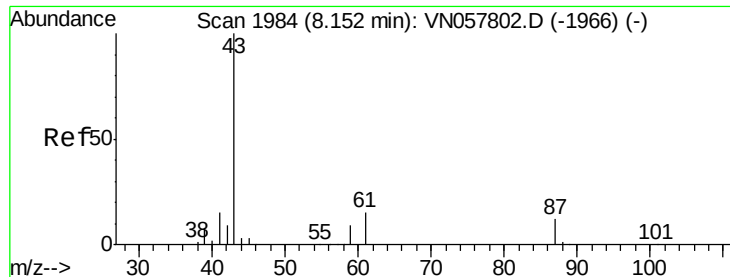
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 15.500 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampleId :

T2-3-(4)

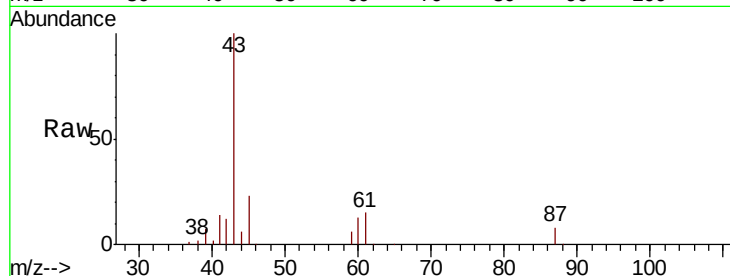
Tgt Ion: 43 Resp: 133851

Ion Ratio Lower Upper

43 100

61 13.8 20.1 30.1#

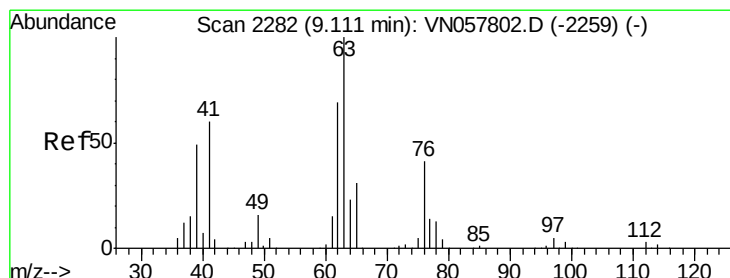
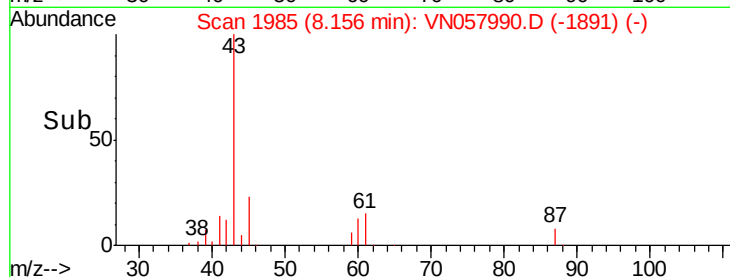
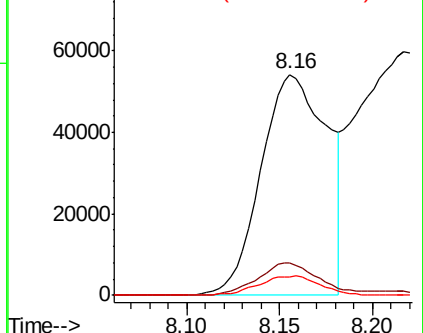
87 8.3 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#45

1,2-Dichloropropane

Concen: 0.433 ug/l

RT: 9.26 min Scan# 2328

Delta R.T. 0.15 min

Lab File: VN057990.D

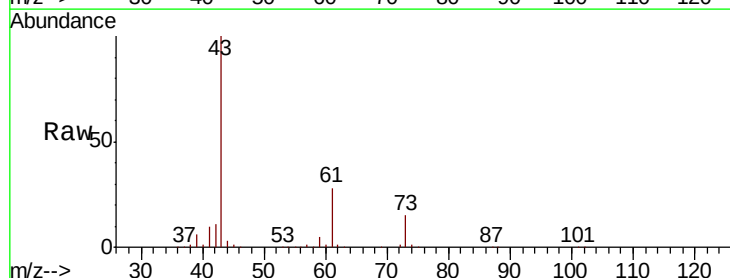
Acq: 12 Sep 2019 23:24

Tgt Ion: 63 Resp: 1886

Ion Ratio Lower Upper

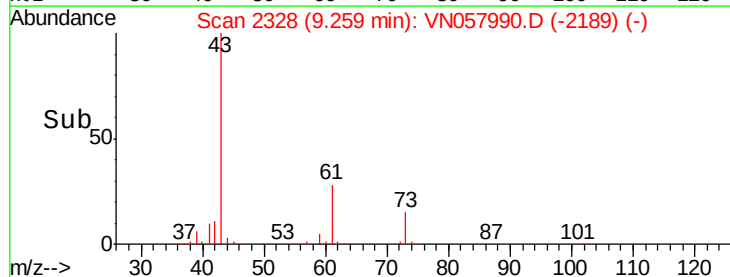
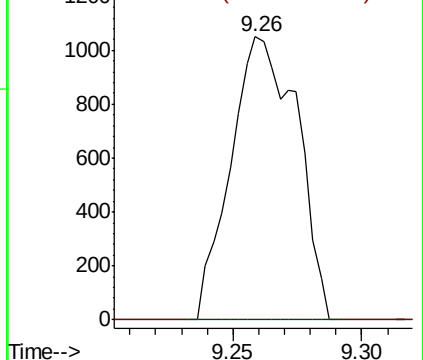
63 100

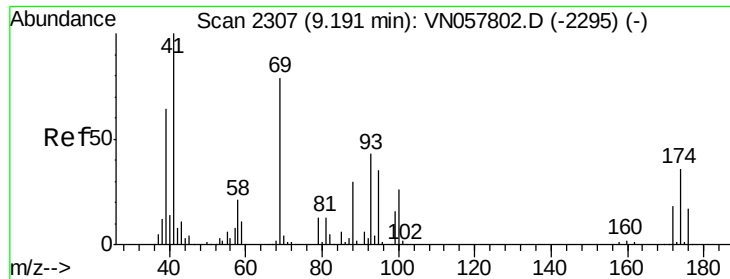
65 0.0 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VN057802.D (-2259) (-)

Ion 64.90 (64.60 to 65.60): VN057802.D (-2259) (-)

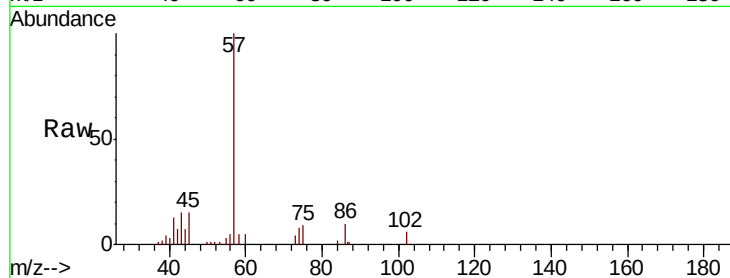




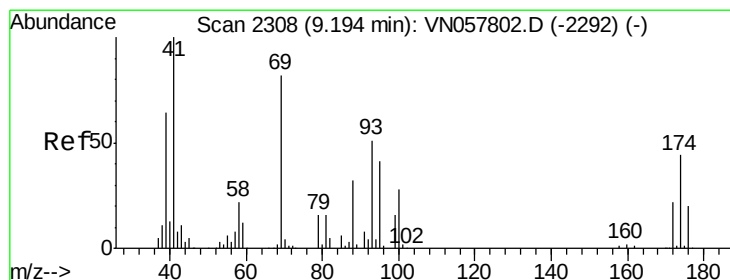
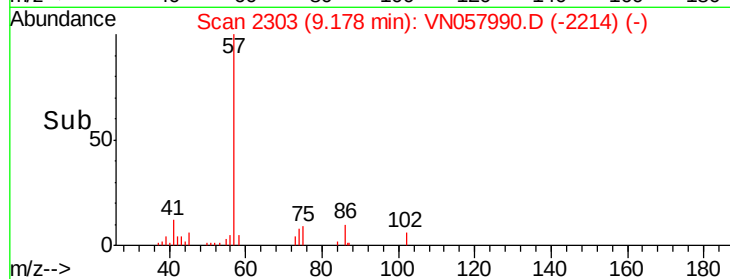
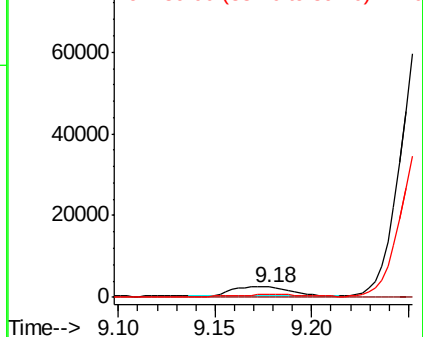
#48
Methyl methacrylate
Concen: 1.156 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.01 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Instrument :
MSVOA_N
ClientSampleId :
T2-3-(4)

Tgt Ion: 41 Resp: 5062
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 0.0 52.7 79.1#

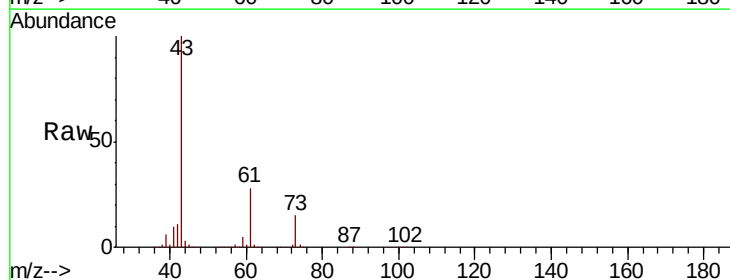


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

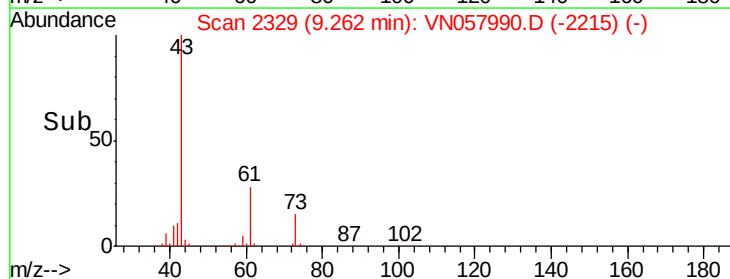
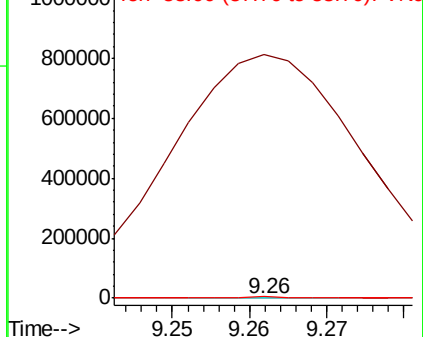


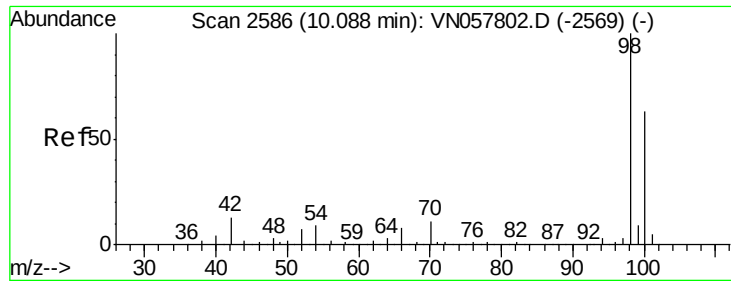
#49
1,4-Dioxane
Concen: 1.957 ug/l
RT: 9.26 min Scan# 2329
Delta R.T. 0.07 min
Lab File: VN057990.D
Acq: 12 Sep 2019 23:24

Tgt Ion: 88 Resp: 145
Ion Ratio Lower Upper
88 100
43 1040713.8 28.5 42.7#
58 4846.9 55.8 83.6#



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: 49.762 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

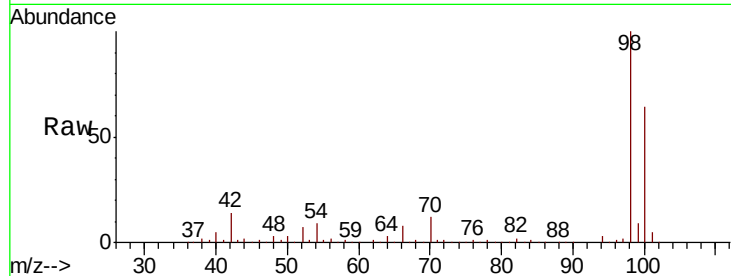
T2-3-(4)

Tgt Ion: 98 Resp: 764224

Ion Ratio Lower Upper

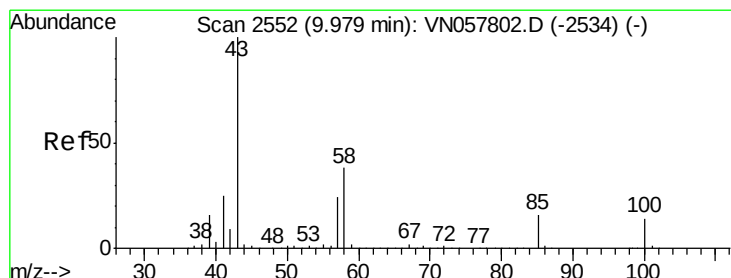
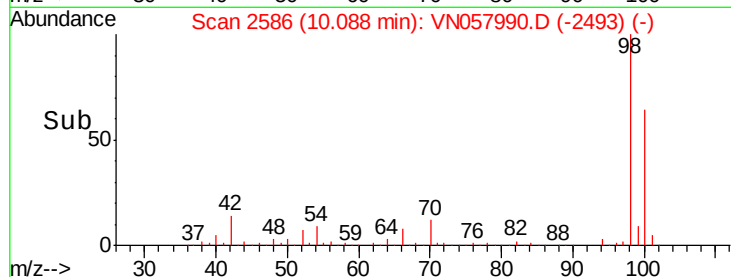
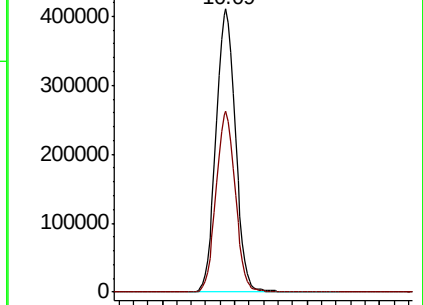
98 100

100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.493 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN057990.D

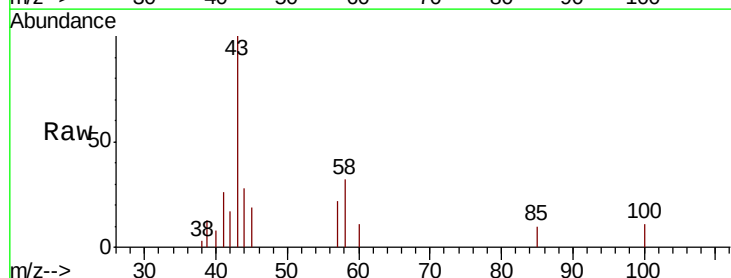
Acq: 12 Sep 2019 23:24

Tgt Ion: 43 Resp: 7629

Ion Ratio Lower Upper

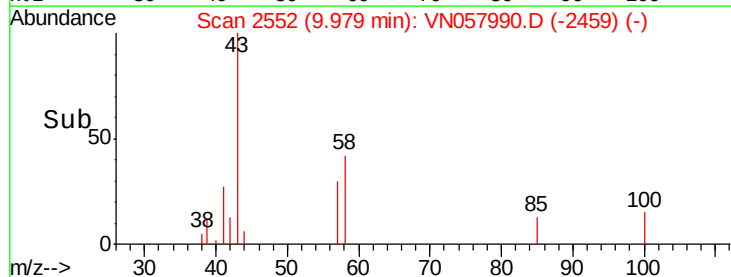
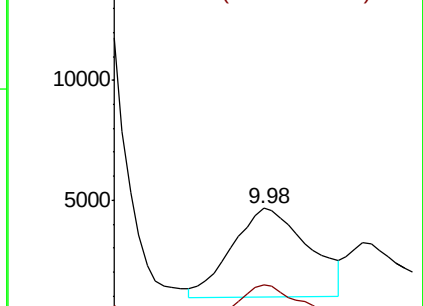
43 100

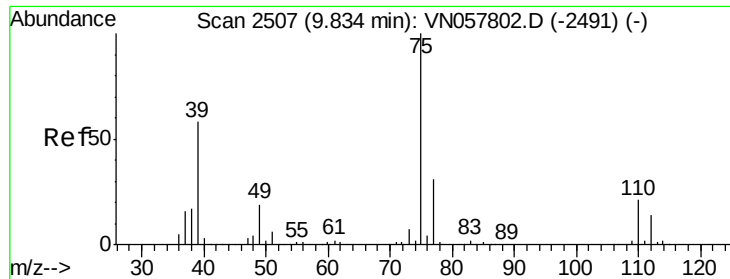
58 33.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



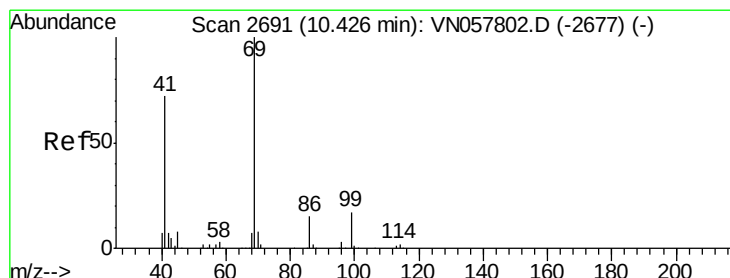
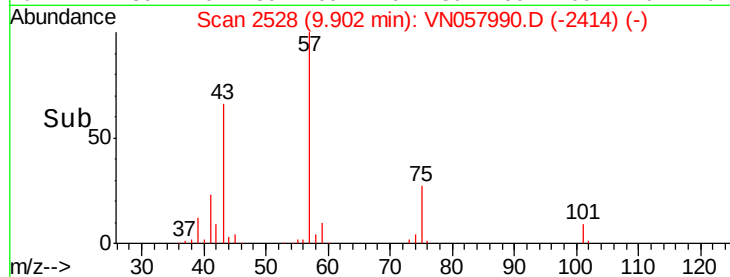
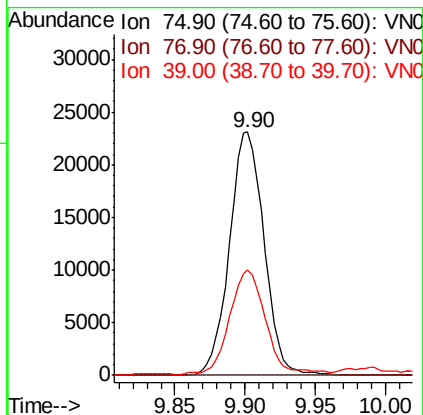
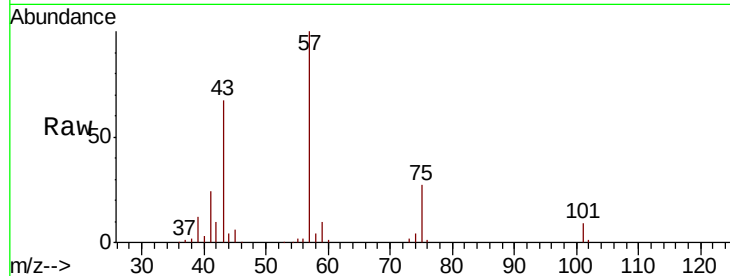


#54

cis-1,3-Dichloropropene
 Concen: 6.505 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.07 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

Instrument :
 MSVOA_N
 ClientSampled :
 T2-3-(4)

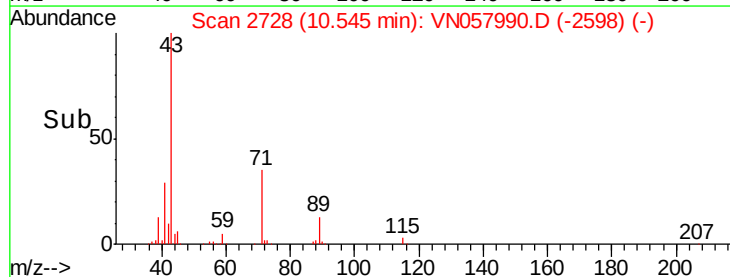
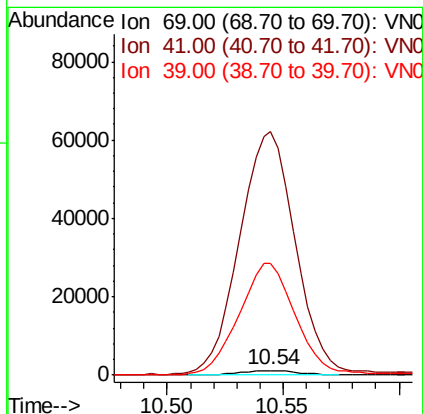
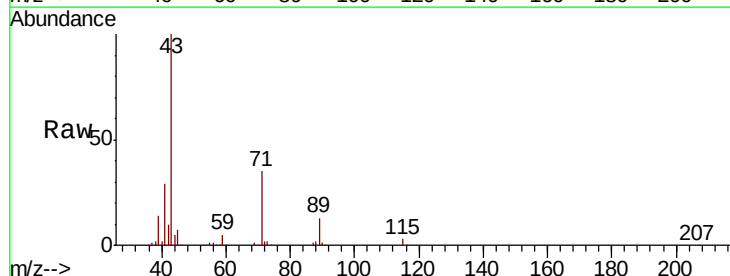
Tgt Ion: 75 Resp: 39740
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.8 37.2#
 39 42.3 46.2 69.4#

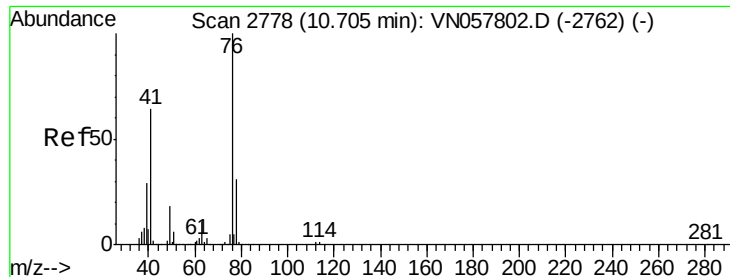


#56

Ethyl methacrylate
 Concen: 0.337 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN057990.D
 Acq: 12 Sep 2019 23:24

Tgt Ion: 69 Resp: 2027
 Ion Ratio Lower Upper
 69 100
 41 5121.9 56.7 85.1#
 39 2386.8 36.3 54.5#





#57

1,3-Dichloropropane

Concen: 0.920 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

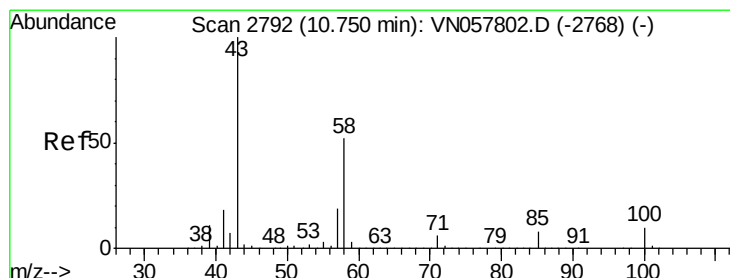
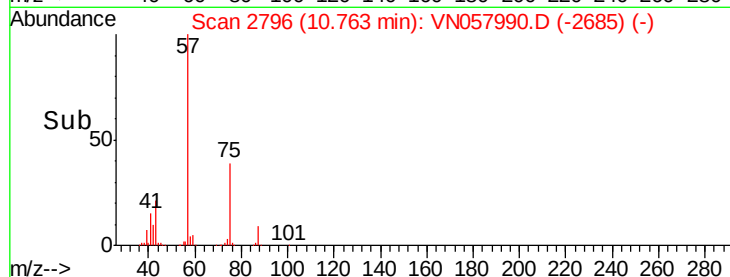
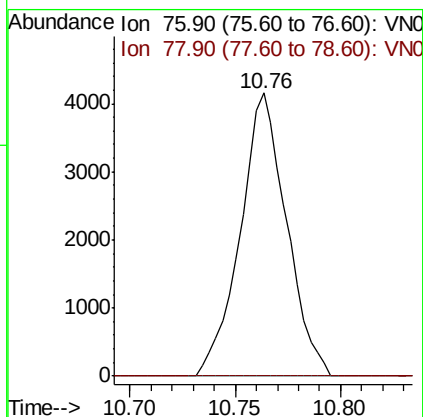
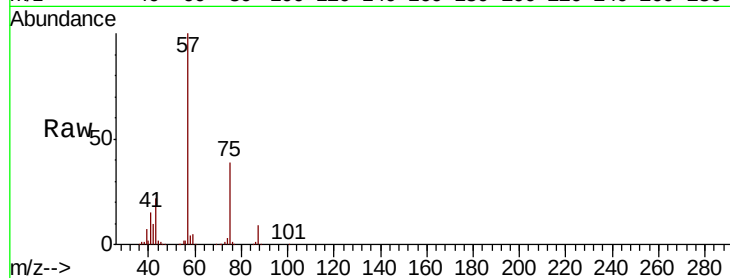
T2-3-(4)

Tgt Ion: 76 Resp: 6331

Ion Ratio Lower Upper

76 100

78 0.0 25.4 38.2#



#59

2-Hexanone

Concen: 25.874 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN057990.D

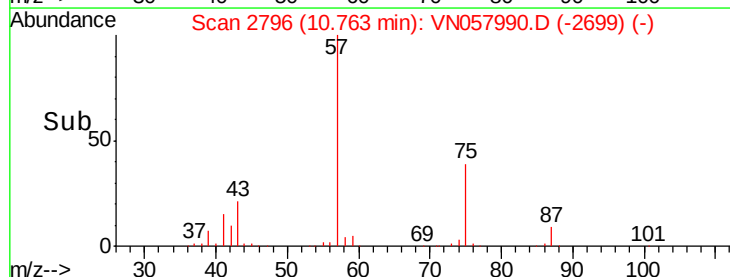
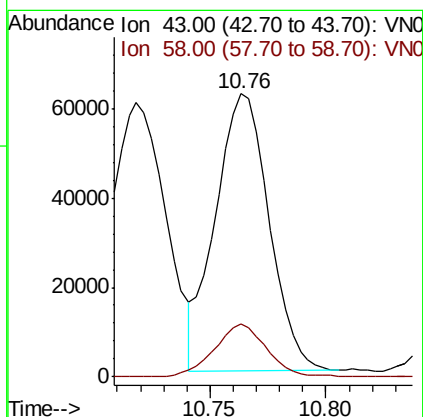
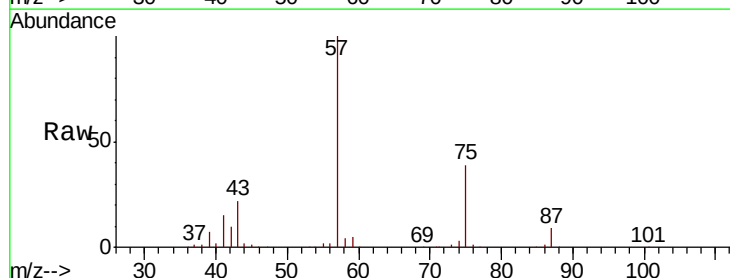
Acq: 12 Sep 2019 23:24

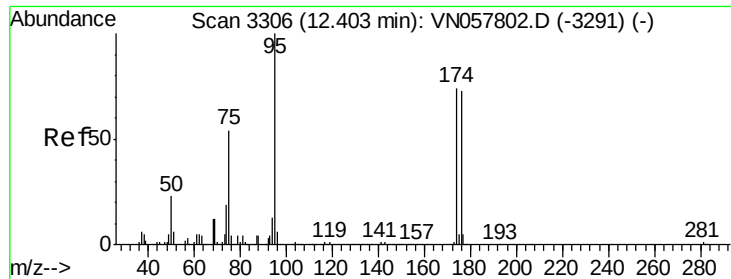
Tgt Ion: 43 Resp: 99109

Ion Ratio Lower Upper

43 100

58 18.8 25.6 76.8#





#62

4-Bromofluorobenzene

Concen: 43.507 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampleId :

T2-3-(4)

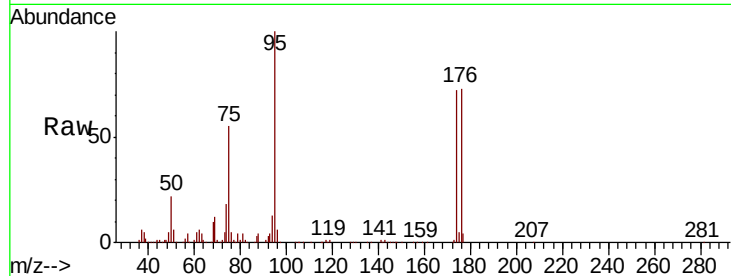
Tgt Ion: 95 Resp: 254625

Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.2

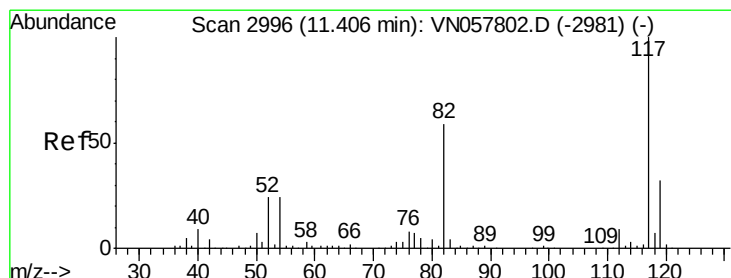
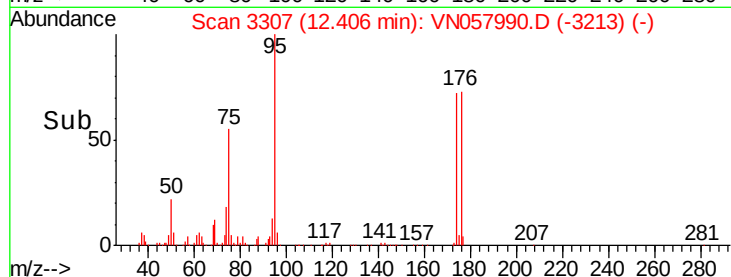
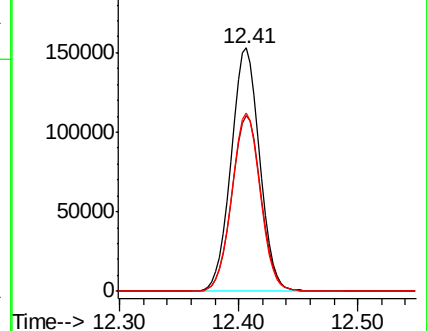
176 73.1 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

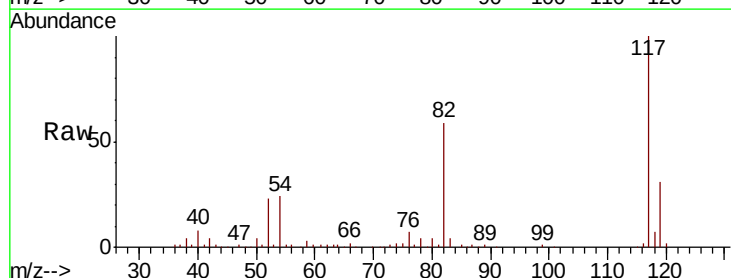
Tgt Ion: 117 Resp: 376484

Ion Ratio Lower Upper

117 100

82 58.7 47.2 70.8

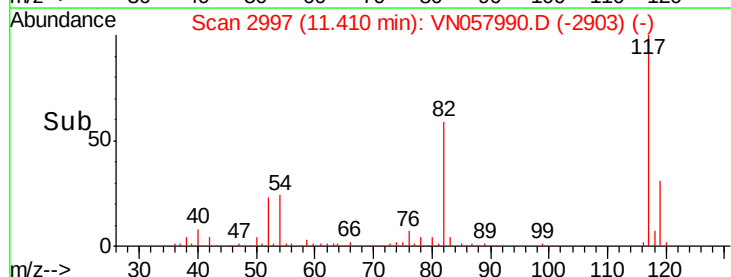
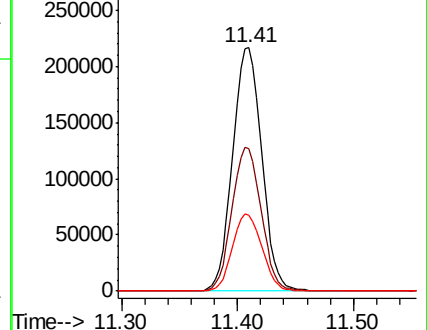
119 31.2 25.3 37.9

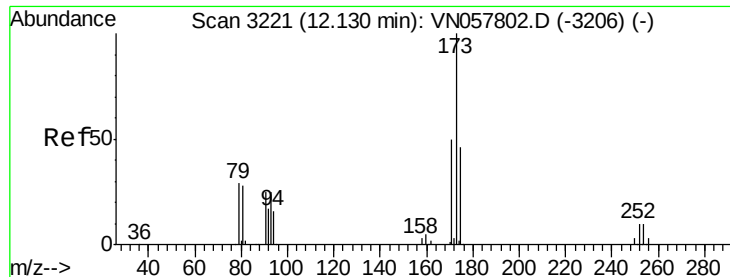


Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)





#71

Bromoform

Concen: 0.772 ug/l

RT: 12.41 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

T2-3-(4)

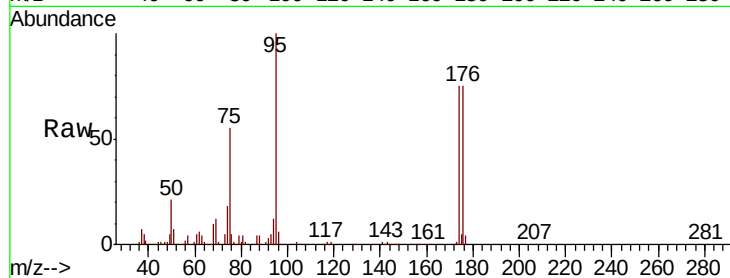
Tgt Ion:173 Resp: 1646

Ion Ratio Lower Upper

173 100

175 695.3 23.5 70.6#

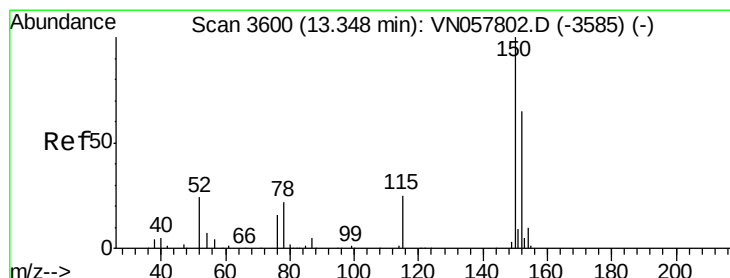
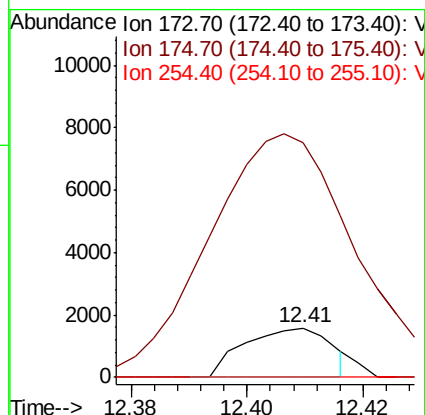
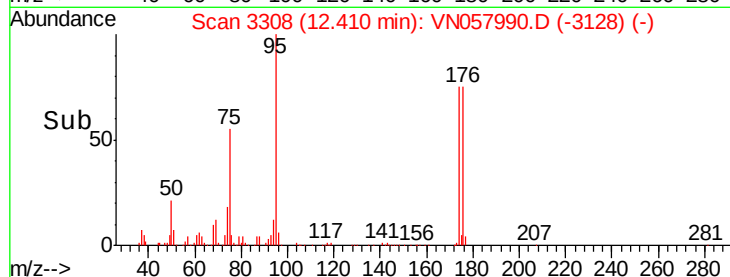
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

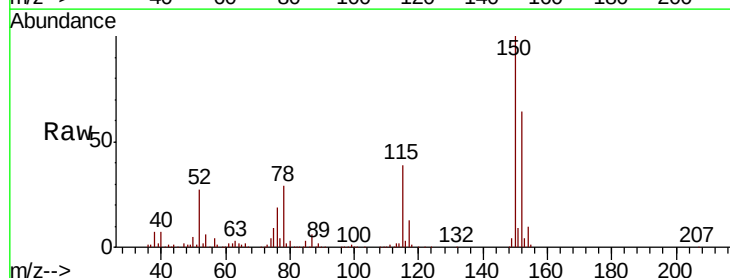
Tgt Ion:152 Resp: 186789

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

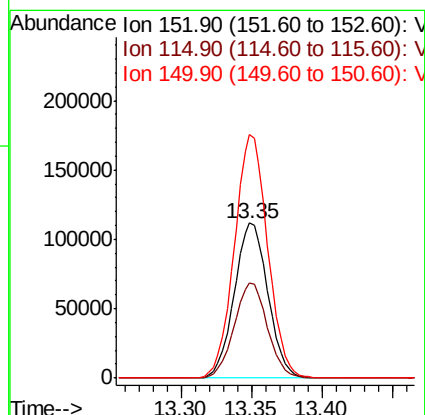
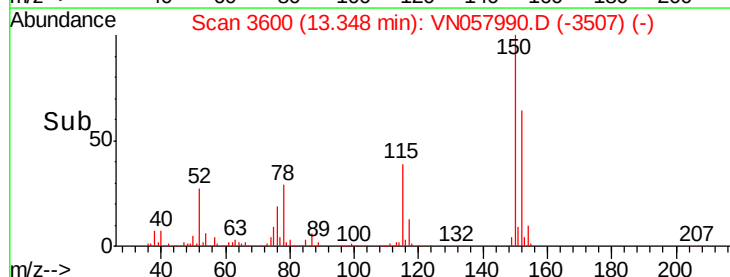
150 155.5 0.0 352.4

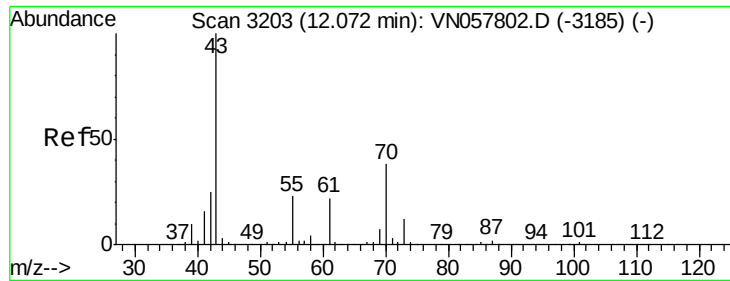


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-ethyl acetate

Concen: 0.923 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.04 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

T2-3-(4)

Tgt Ion: 43 Resp: 5820

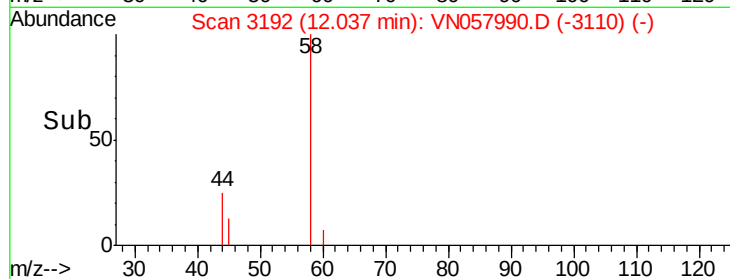
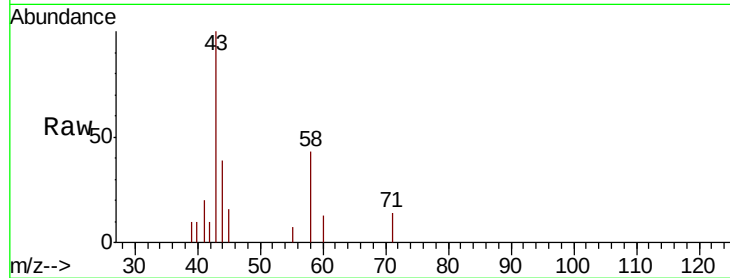
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 2.2 18.6 27.8#

61 0.0 17.4 26.2#

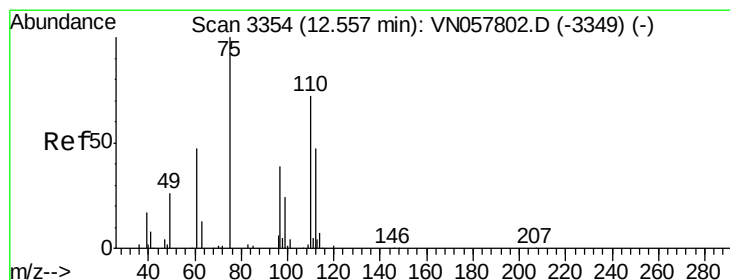
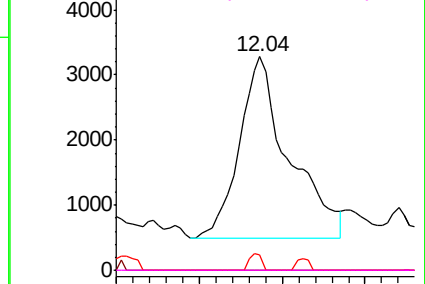


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 33.747 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057990.D

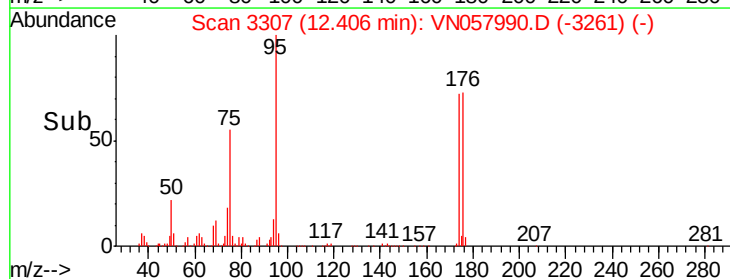
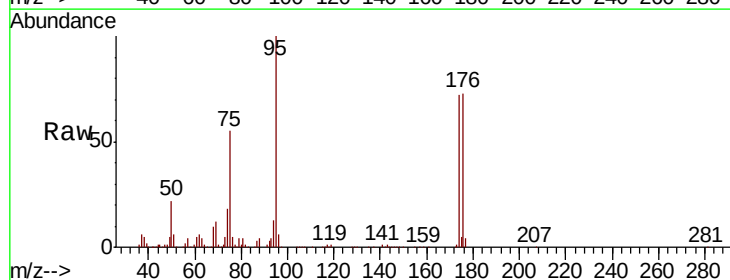
Acq: 12 Sep 2019 23:24

Tgt Ion: 75 Resp: 142598

Ion Ratio Lower Upper

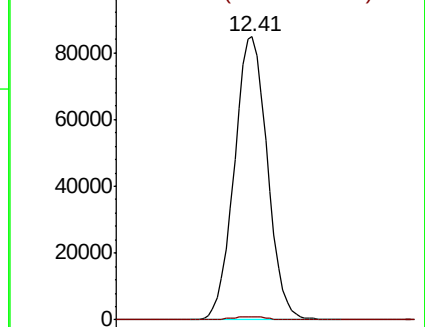
75 100

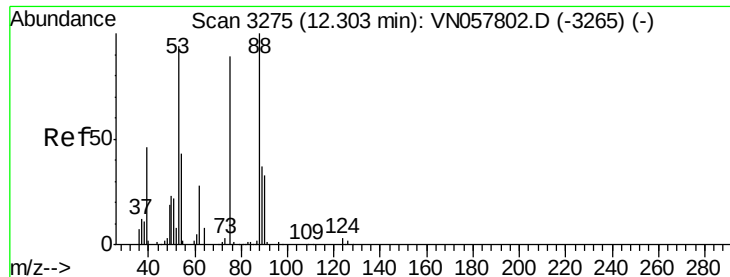
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81

trans-1,4-Dichloro-2-butene

Concen: 118.757 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

Instrument :

MSVOA_N

ClientSampled :

T2-3-(4)

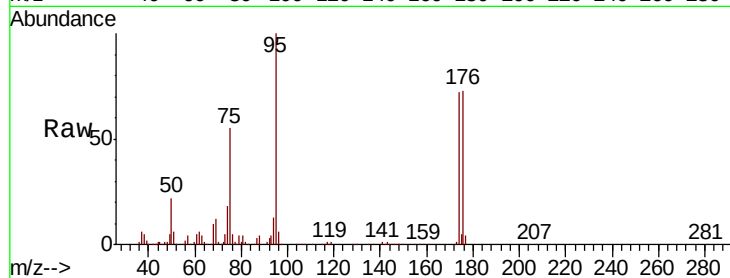
Tgt Ion: 75 Resp: 142598

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

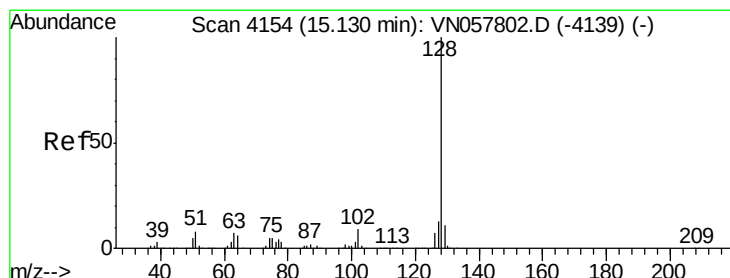
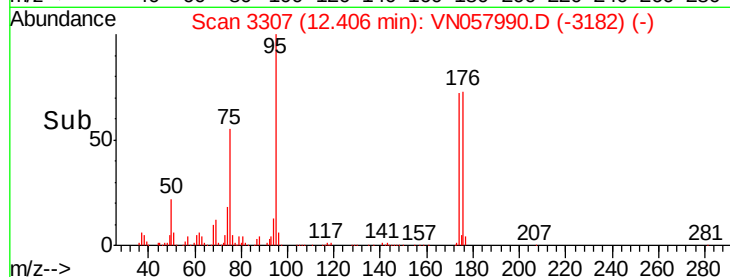
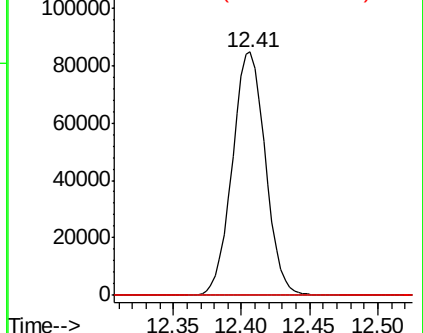
89 0.1 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN057990.D (-3307) (-)

Ion 53.00 (52.70 to 53.70): VN057990.D (-3307) (-)

Ion 88.90 (88.60 to 89.60): VN057990.D (-3307) (-)



#95

Naphthalene

Concen: Below Cal

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057990.D

Acq: 12 Sep 2019 23:24

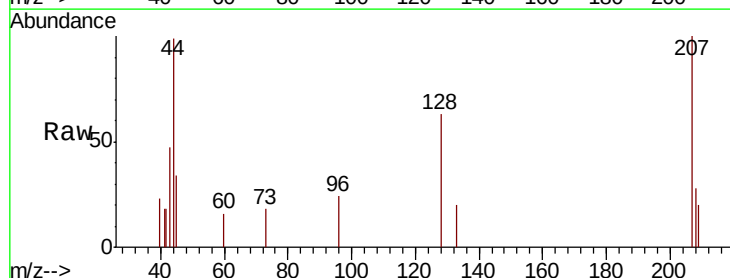
Tgt Ion: 128 Resp: 966

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): VN057990.D (-4155) (-)

Ion 127.00 (126.70 to 127.70): VN057990.D (-4155) (-)

Ion 129.00 (128.70 to 129.70): VN057990.D (-4155) (-)

