

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
 Data File : VN059363.D
 Acq On : 22 Nov 2019 14:41
 Operator : JC/SP
 Sample : K5957-04ME 20X
 Misc : 4.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

Quant Time: Nov 22 15:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	374679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	575006	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	510680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	228204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	210930	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	7.57	113	169298	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	10.08	98	702161	51.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.40	95	256767	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	1061	1.179	ug/l #	73
17) Carbon Disulfide	4.04	76	1472	0.256	ug/l #	75
25) 2-Butanone	6.80	43	776	0.248	ug/l #	49
31) Cyclohexane	7.64	56	7316	0.924	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	27350	4.607	ug/l #	50
38) Carbon Tetrachloride	7.64	117	34022	5.987	ug/l #	16
39) Methylcyclohexane	9.07	83	3556	0.497	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	5204	0.912	ug/l #	1
55) 1,1,2-Trichloroethane	10.52	97	9158	2.248	ug/l #	17
56) Ethyl methacrylate	10.42	69	4550	2.825	ug/l #	10
59) 2-Hexanone	10.72	43	52205	12.493	ug/l #	28
65) Chlorobenzene	11.54	112	3100	0.282	ug/l #	42
67) Ethyl Benzene	11.51	91	95805	4.887	ug/l	99
68) m/p-Xylenes	11.63	106	31067	4.264	ug/l	95
71) Bromoform	12.40	173	1097	0.363	ug/l #	1
73) Isopropylbenzene	12.25	105	145798	7.799	ug/l	100
74) N-amyl acetate	12.05	43	373962	49.776	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.56	83	106228	17.178	ug/l #	43
76) 1,2,3-Trichloropropane	12.66	75	5145	0.976	ug/l #	100
78) n-propylbenzene	12.59	91	441913	20.869	ug/l	100
79) 2-Chlorotoluene	12.69	91	45877	3.530	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	727152	46.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	117860	55.915	ug/l #	16
82) 4-Chlorotoluene	12.73	91	75084	5.582	ug/l #	55
83) tert-Butylbenzene	12.99	119	29712	2.239	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	2157478	140.151	ug/l	98
85) sec-Butylbenzene	13.17	105	251387	14.092	ug/l #	74
86) p-Isopropyltoluene	13.29	119	230604	14.527	ug/l	100
89) n-Butylbenzene	13.62	91	238056	17.095	ug/l #	80
90) Hexachloroethane	13.89	117	29732	9.890	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.29	75	603	0.459	ug/l #	3
93) 1,2,4-Trichlorobenzene	14.91	180	210	2.979	ug/l #	1
95) Naphthalene	15.13	128	46680	6.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	220	1.946	ug/l #	1

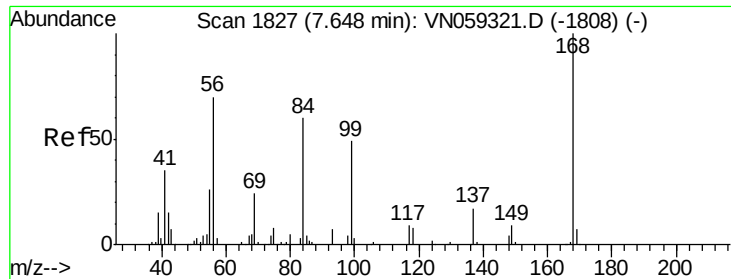
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

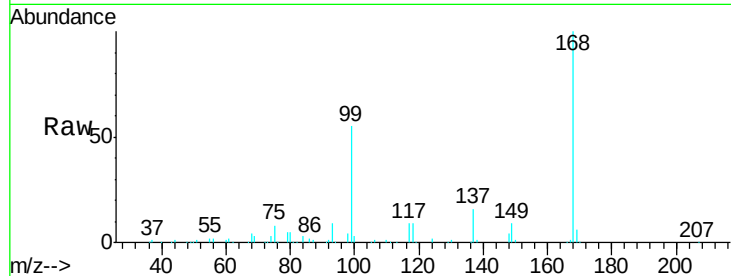
MW-2-(20-22)ME

Tgt Ion: 168 Resp: 374679

Ion Ratio Lower Upper

168 100

99 54.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059321.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN059321.D (-1808) (-)

7.65

150000

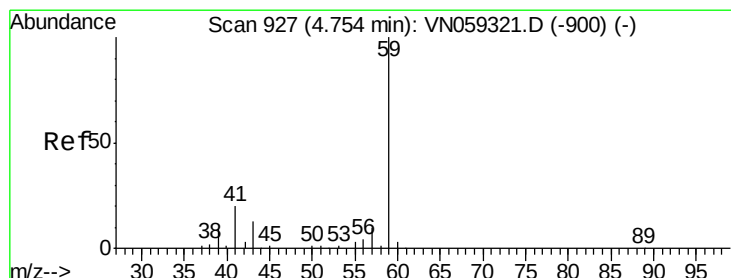
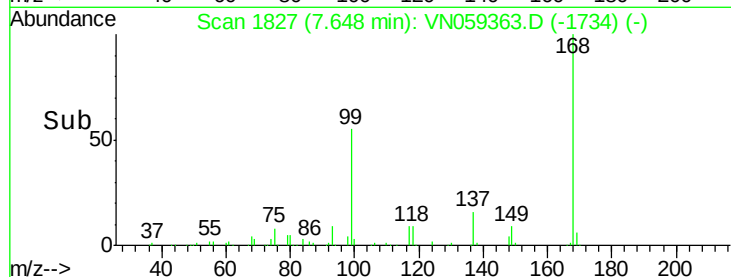
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 1.179 ug/l

RT: 4.72 min Scan# 915

Delta R.T. -0.04 min

Lab File: VN059363.D

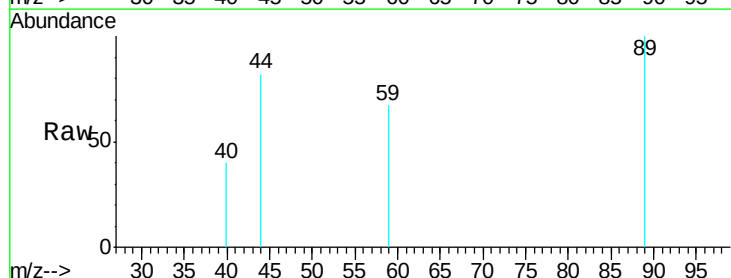
Acq: 22 Nov 2019 14:41

Tgt Ion: 59 Resp: 1061

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN059321.D (-900) (-)

Ion 57.00 (56.70 to 57.70): VN059321.D (-900) (-)

4.72

600

500

400

300

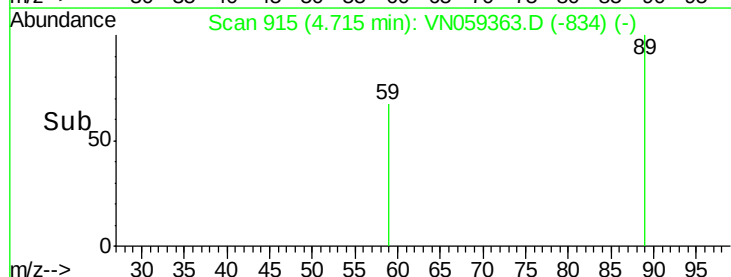
200

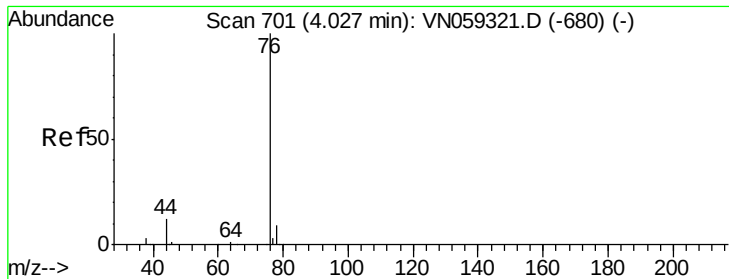
100

0

4.70 4.75

Time-->





#17

Carbon Disulfide

Concen: 0.256 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

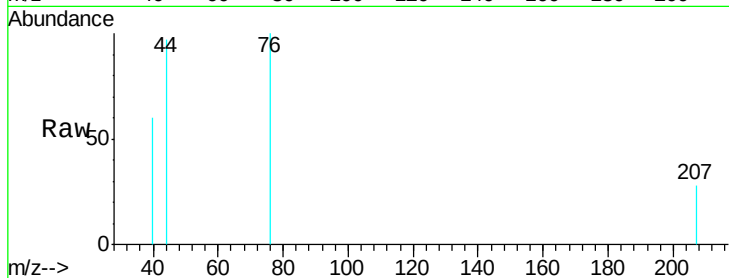
MW-2-(20-22)ME

Tgt Ion: 76 Resp: 1472

Ion Ratio Lower Upper

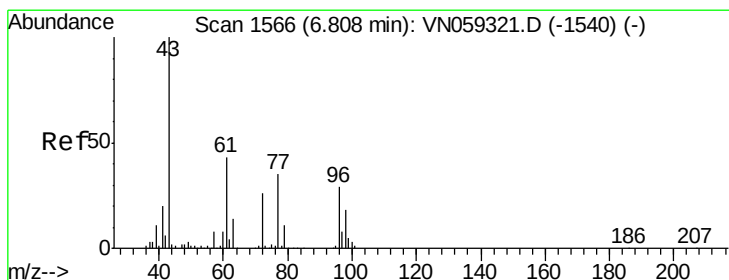
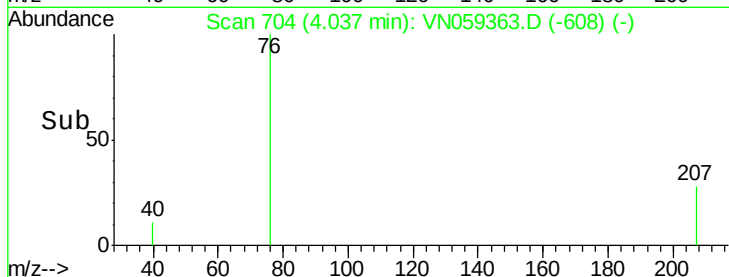
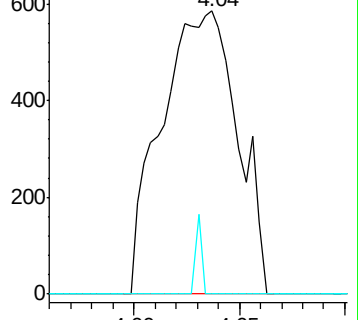
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#25

2-Butanone

Concen: 0.248 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN059363.D

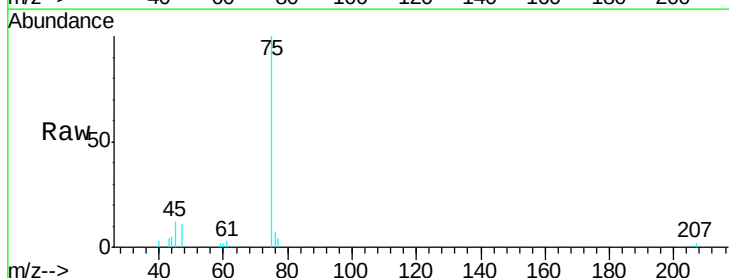
Acq: 22 Nov 2019 14:41

Tgt Ion: 43 Resp: 776

Ion Ratio Lower Upper

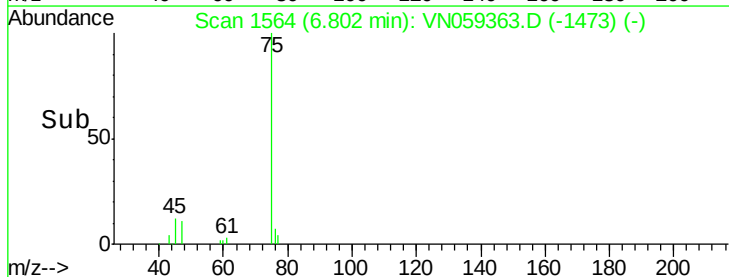
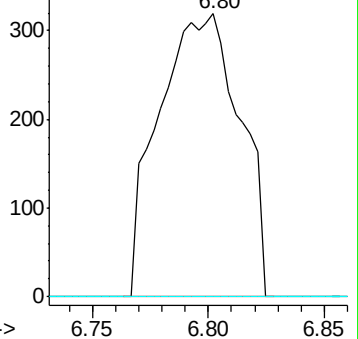
43 100

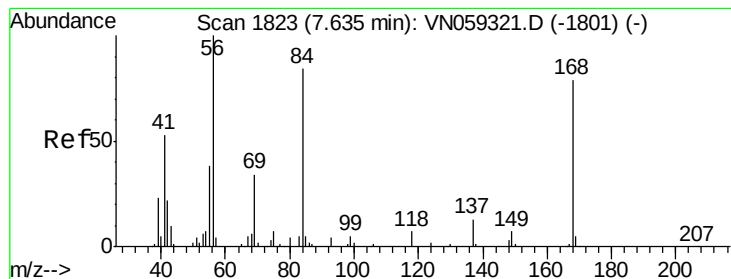
72 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#31

Cyclohexane

Concen: 0.924 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.01 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

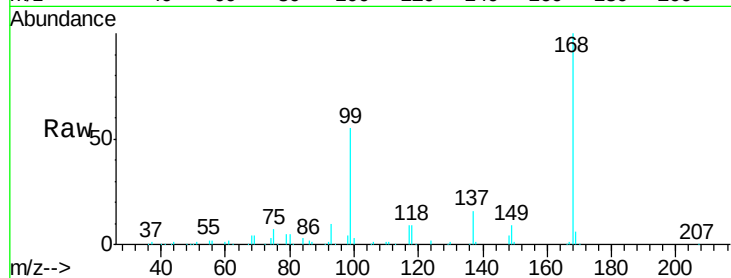
Tgt Ion: 56 Resp: 7316

Ion Ratio Lower Upper

56 100

69 180.7 26.6 40.0#

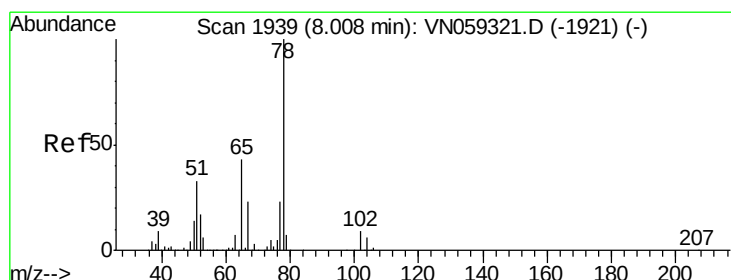
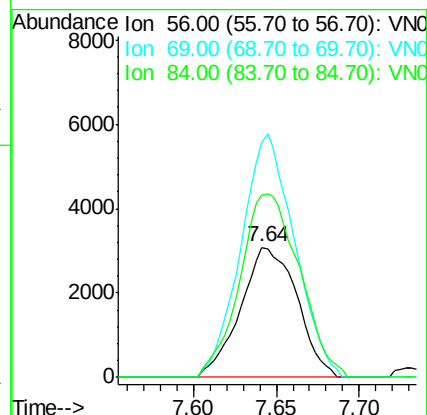
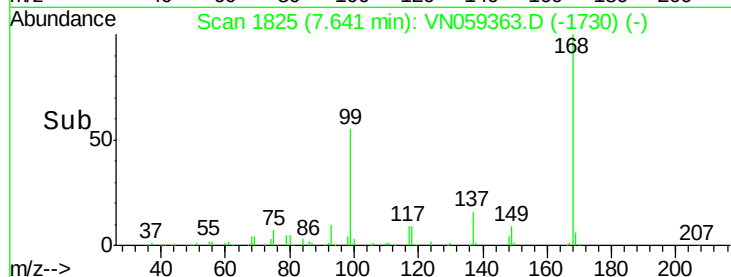
84 139.5 67.0 100.4#



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: 46.920 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN059363.D

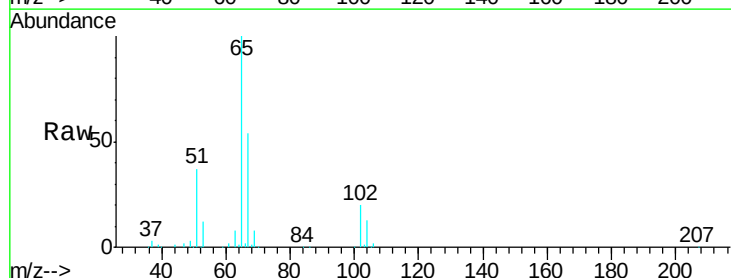
Acq: 22 Nov 2019 14:41

Tgt Ion: 65 Resp: 210930

Ion Ratio Lower Upper

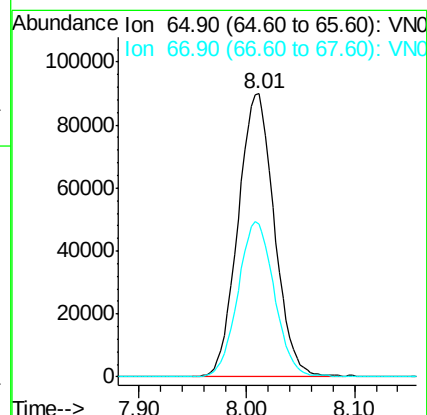
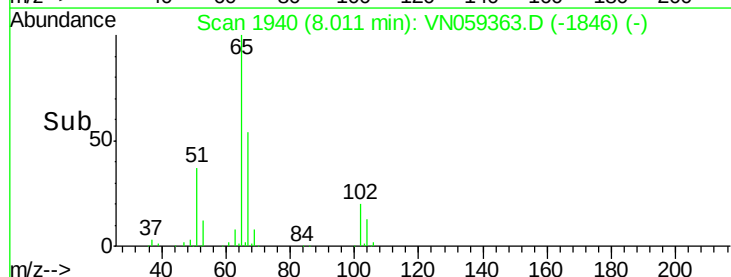
65 100

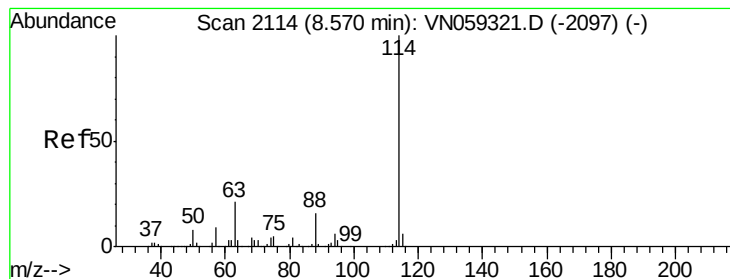
67 55.0 0.0 109.4



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: 8.57 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

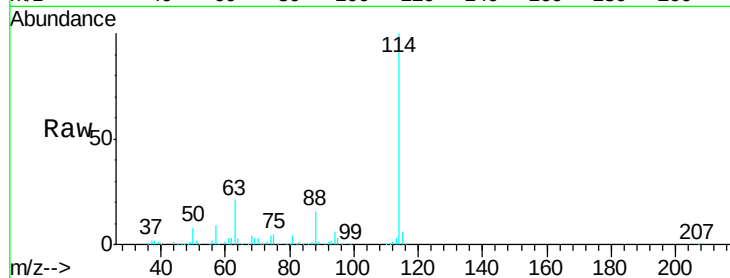
Tgt Ion:114 Resp: 575006

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.2

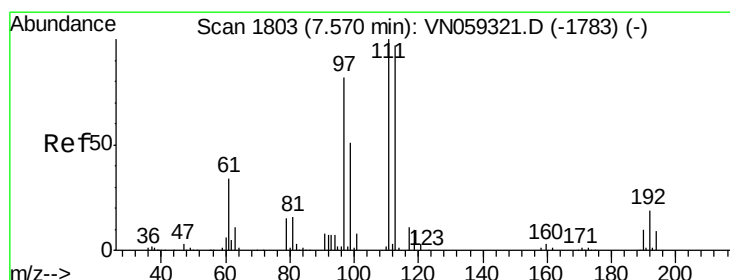
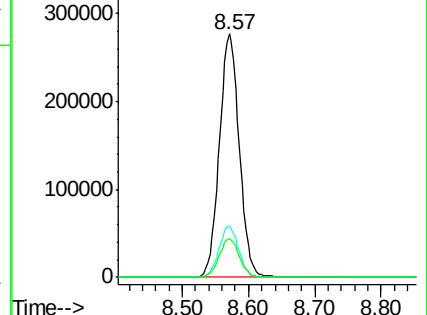
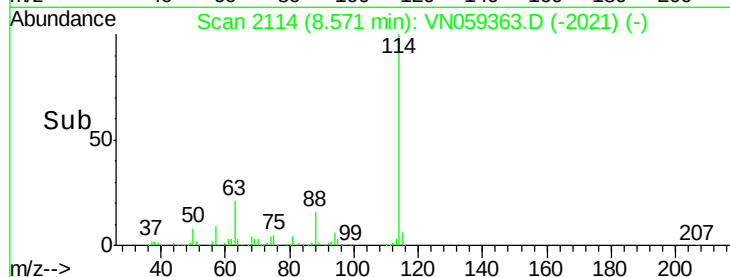
88 16.2 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 49.076 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

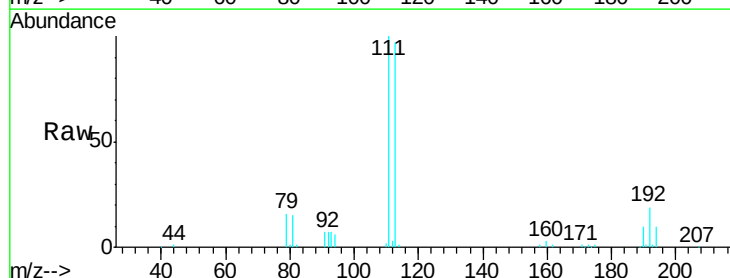
Tgt Ion:113 Resp: 169298

Ion Ratio Lower Upper

113 100

111 102.8 82.7 124.1

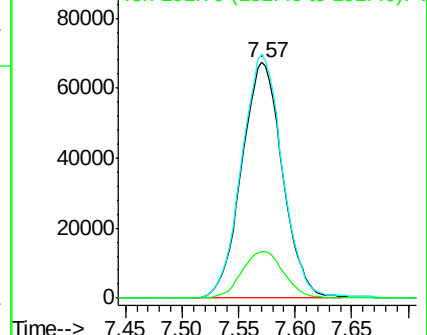
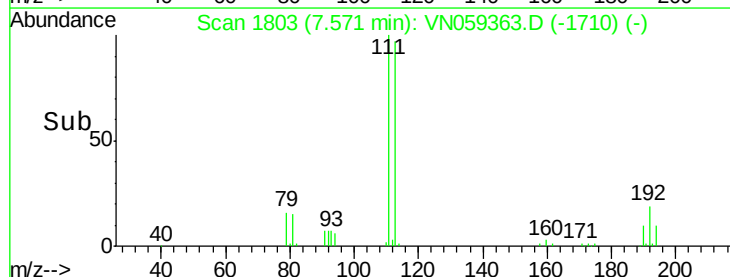
192 20.3 16.3 24.5

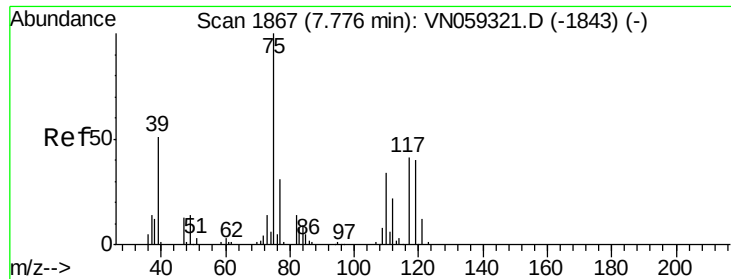


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

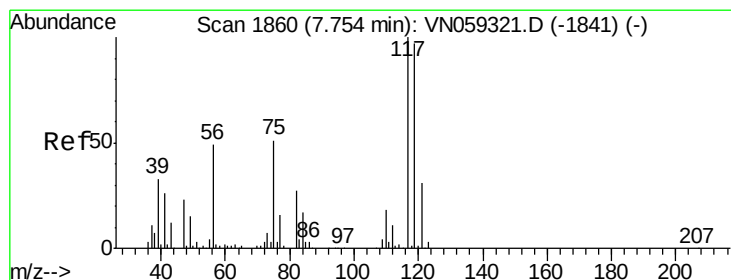
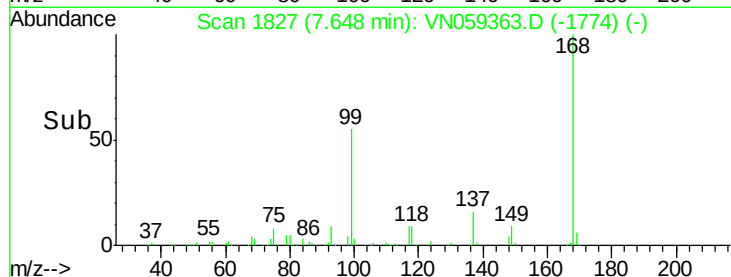
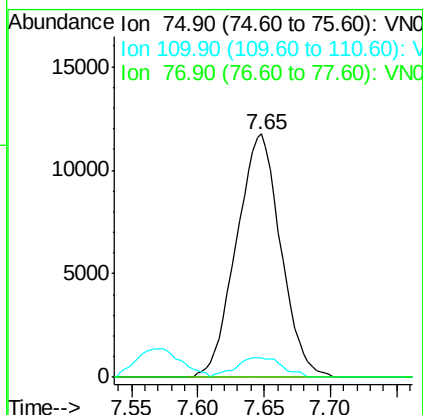
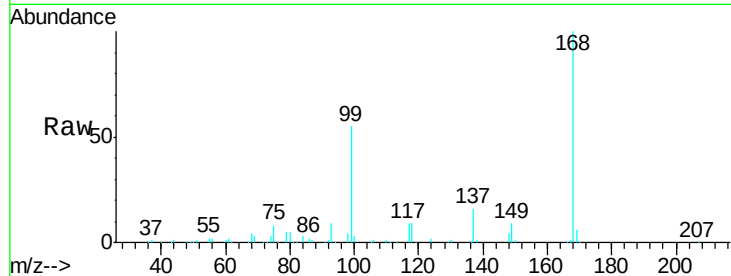




#36
 1,1-Dichloropropene
 Concen: 4.607 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

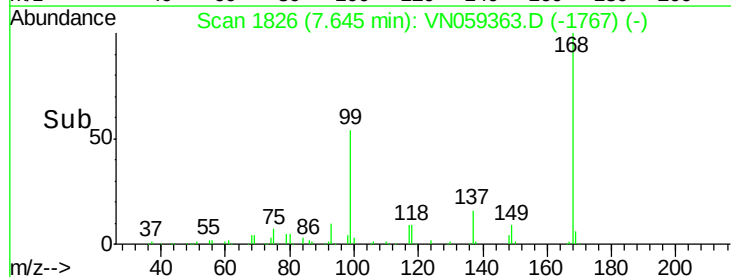
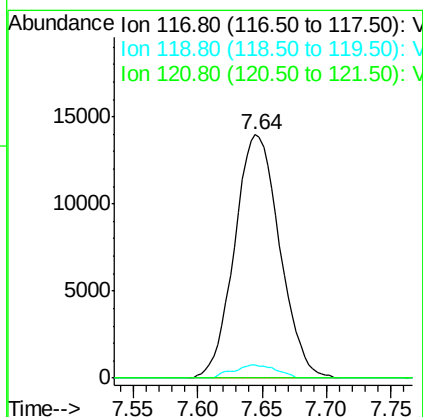
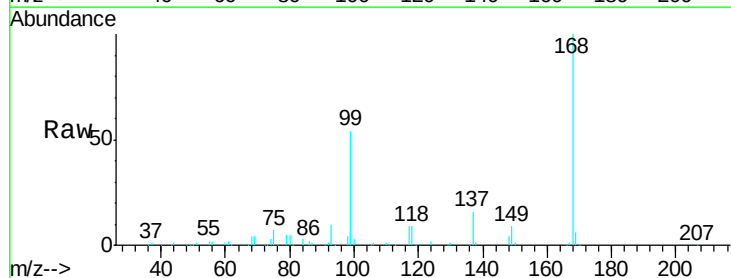
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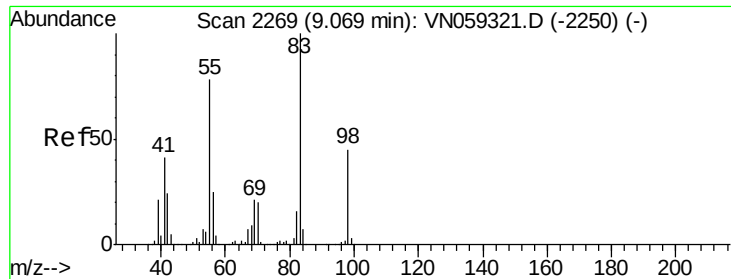
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	51.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 5.987 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.0	115.4#
121	0.0	24.4	36.6#

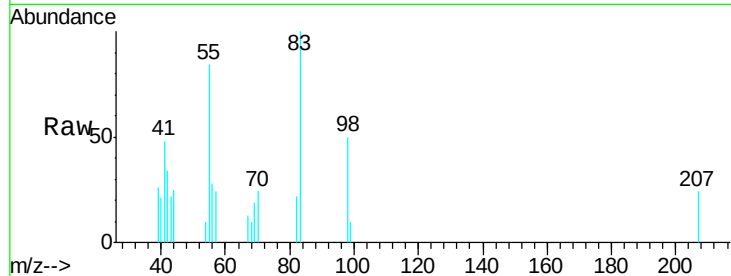




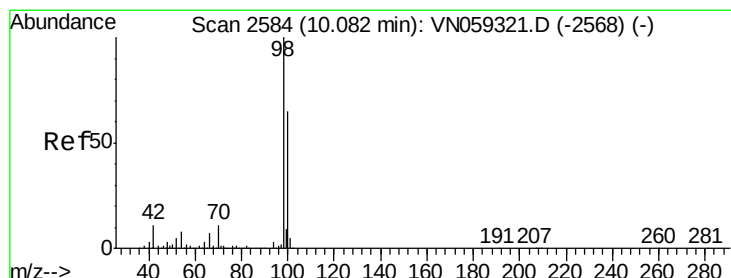
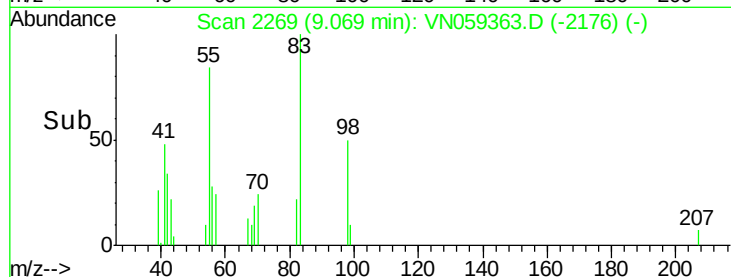
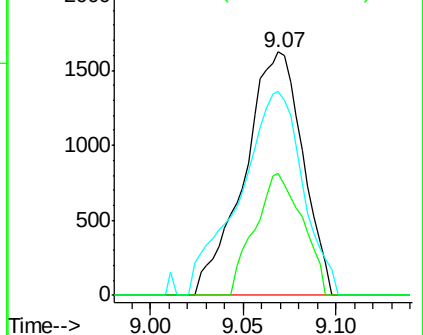
#39
Methylcyclohexane
Concen: 0.497 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

Tgt Ion: 83 Resp: 3556
Ion Ratio Lower Upper
83 100
55 83.6 62.3 93.5
98 50.2 36.0 54.0

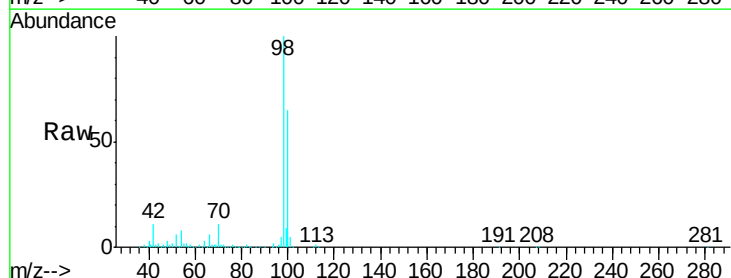


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

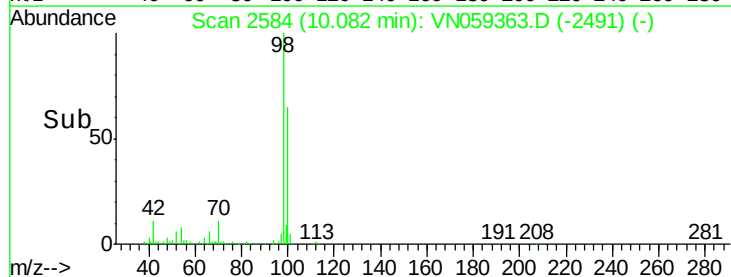
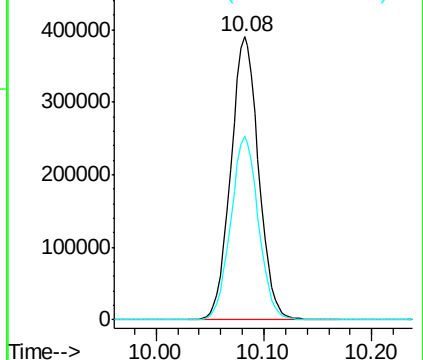


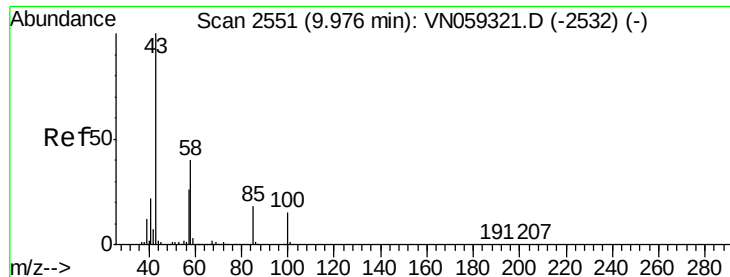
#50
Toluene-d8
Concen: 51.200 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Tgt Ion: 98 Resp: 702161
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 0.912 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.10 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

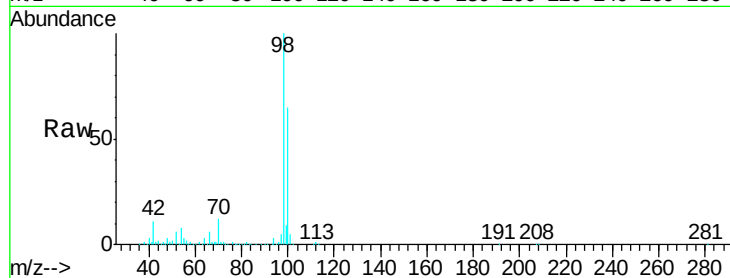
MW-2-(20-22)ME

Tgt Ion: 43 Resp: 5204

Ion Ratio Lower Upper

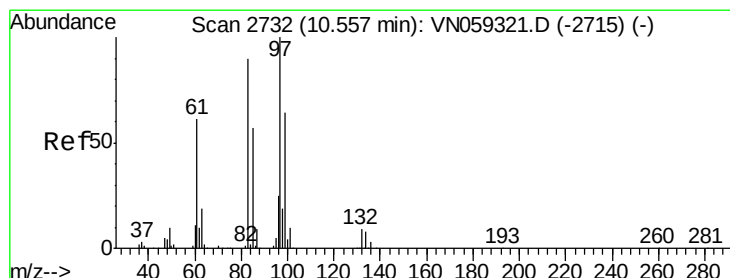
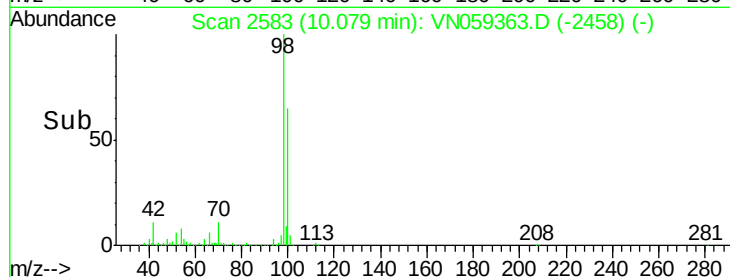
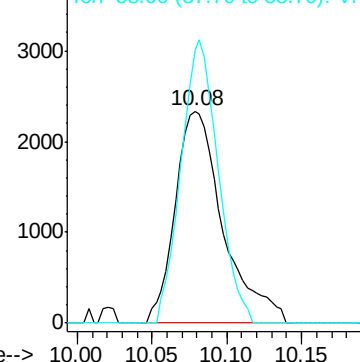
43 100

58 103.3 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#55

1,1,2-Trichloroethane

Concen: 2.248 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.04 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Tgt Ion: 97 Resp: 9158

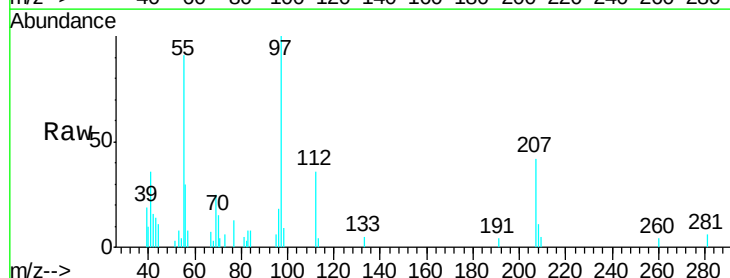
Ion Ratio Lower Upper

97 100

83 7.9 72.0 108.0#

85 0.0 45.8 68.6#

99 0.0 51.0 76.4#

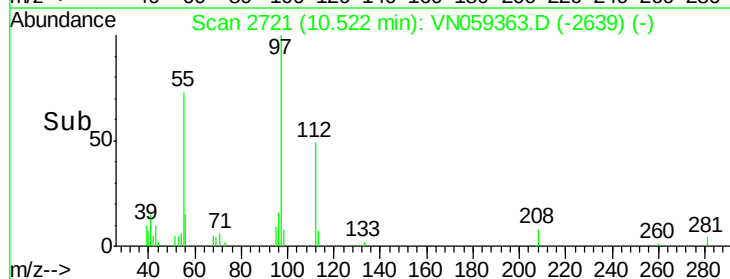
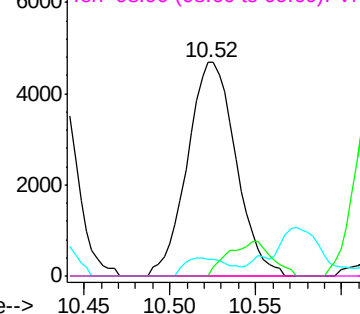


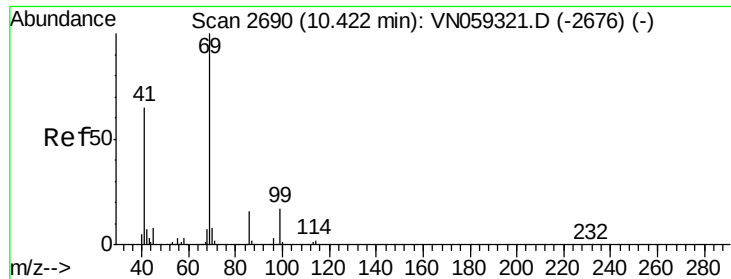
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0





#56

Ethyl methacrylate

Concen: 2.825 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

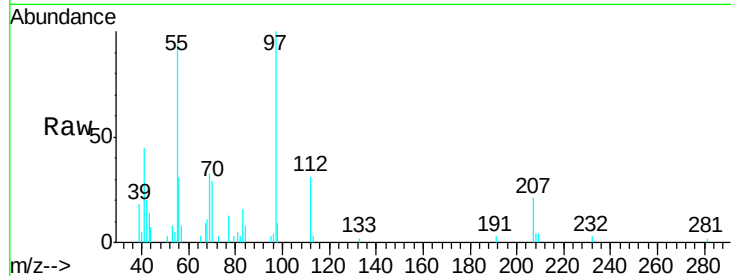
Tgt Ion: 69 Resp: 4550

Ion Ratio Lower Upper

69 100

41 143.6 51.7 77.5#

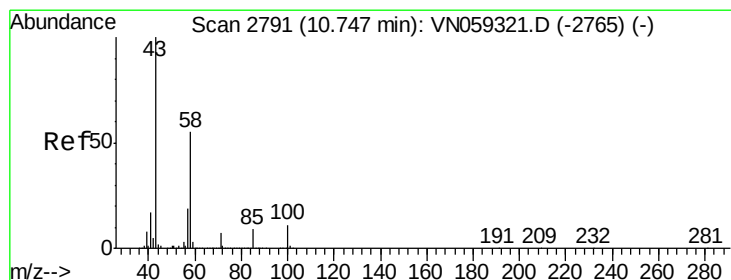
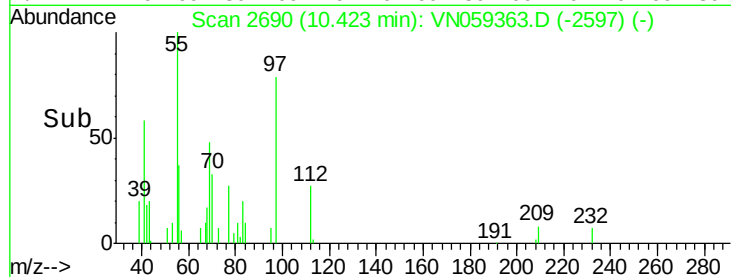
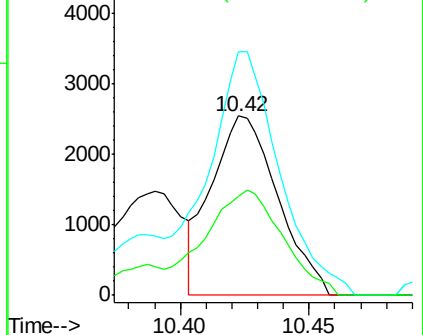
39 69.2 25.2 37.8#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 12.493 ug/l

RT: 10.72 min Scan# 2781

Delta R.T. -0.03 min

Lab File: VN059363.D

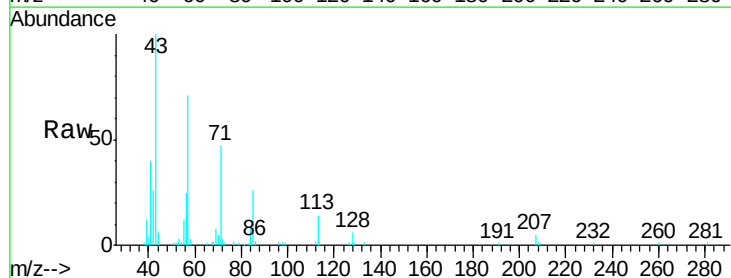
Acq: 22 Nov 2019 14:41

Tgt Ion: 43 Resp: 52205

Ion Ratio Lower Upper

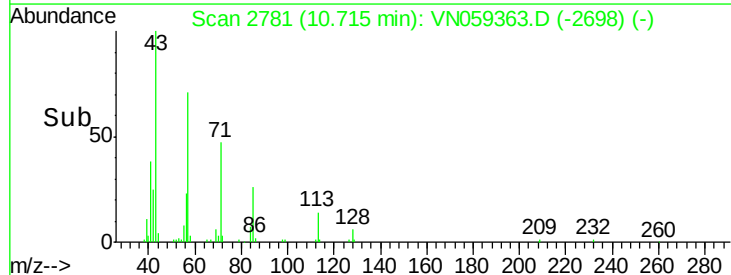
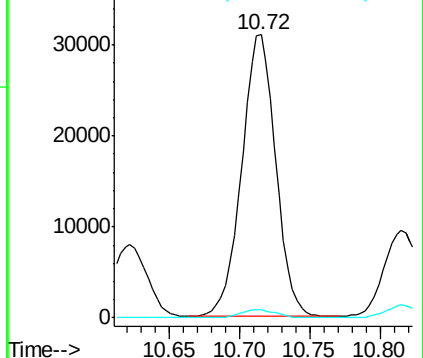
43 100

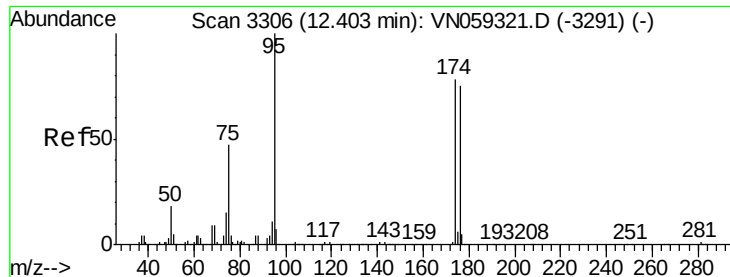
58 3.0 27.7 83.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 53.546 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

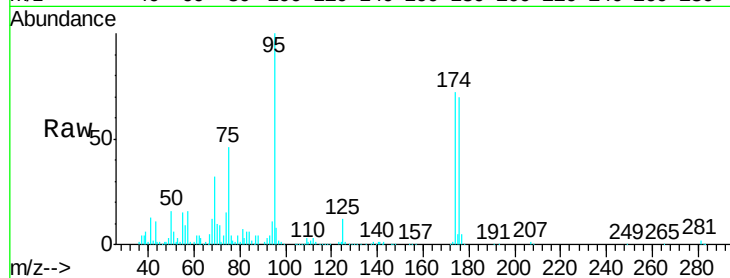
Tgt Ion: 95 Resp: 256767

Ion Ratio Lower Upper

95 100

174 75.0 0.0 157.4

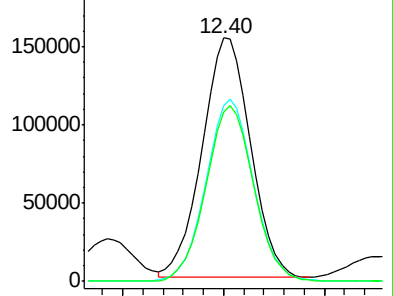
176 72.6 0.0 151.2



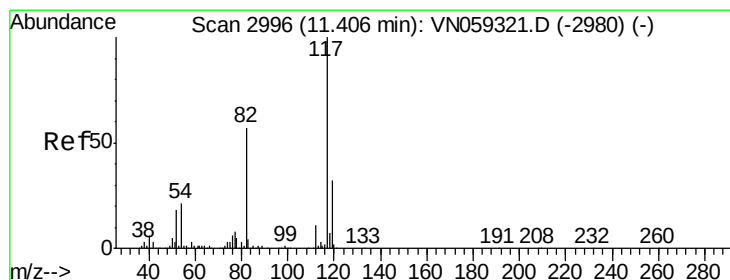
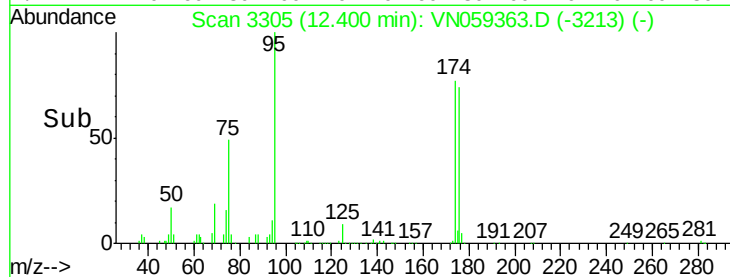
Abundance Ion 94.90 (94.60 to 95.60): VN059321.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN059321.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN059321.D (-3291) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

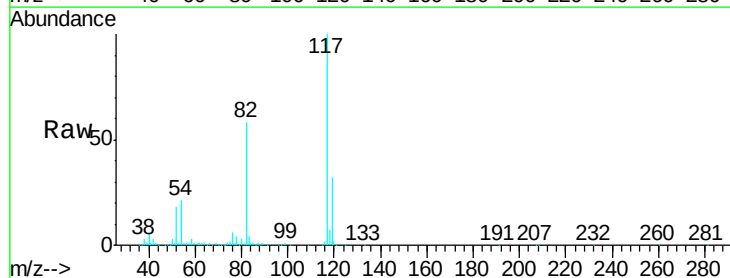
Tgt Ion: 117 Resp: 510680

Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

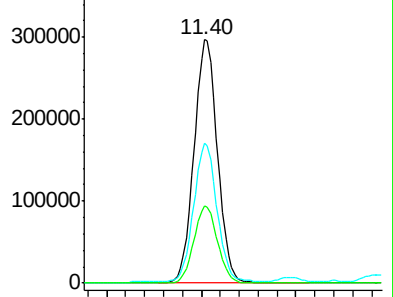
119 31.7 25.8 38.6



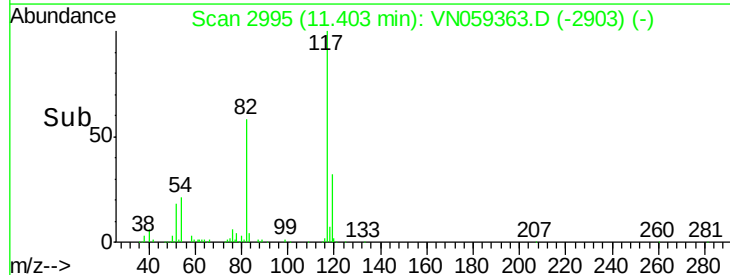
Abundance Ion 116.90 (116.60 to 117.60): VN059321.D (-2980) (-)

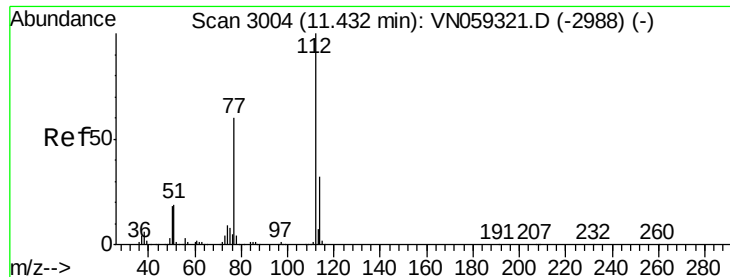
Ion 82.00 (81.70 to 82.70): VN059321.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN059321.D (-2980) (-)



Time-->

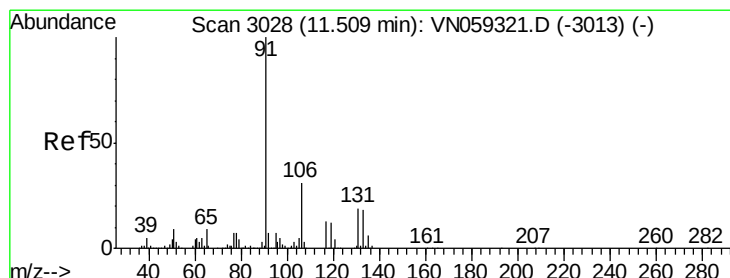
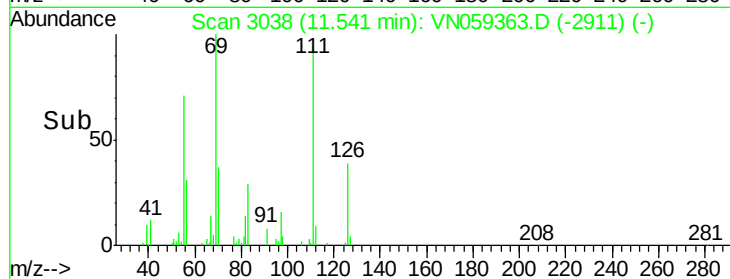
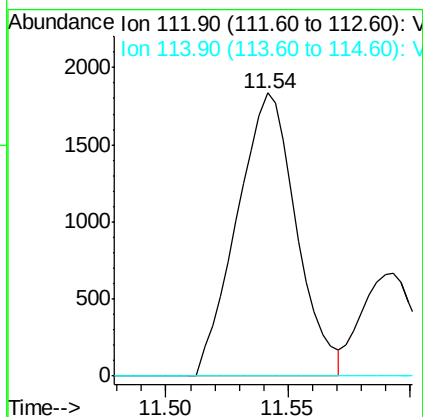
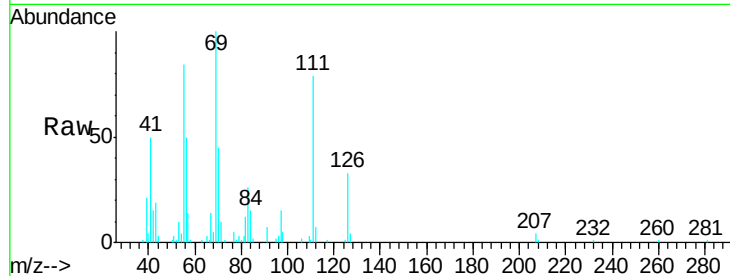




#65
Chlorobenzene
Concen: 0.282 ug/l
RT: 11.54 min Scan# 3038
Delta R.T. 0.11 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

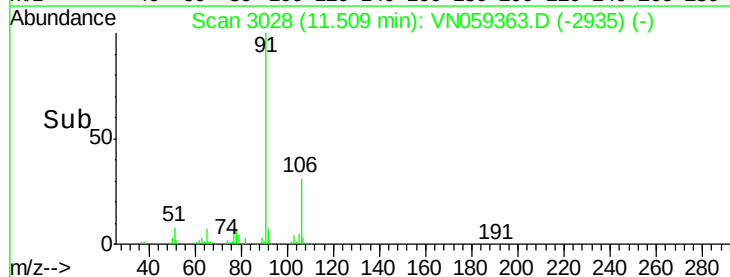
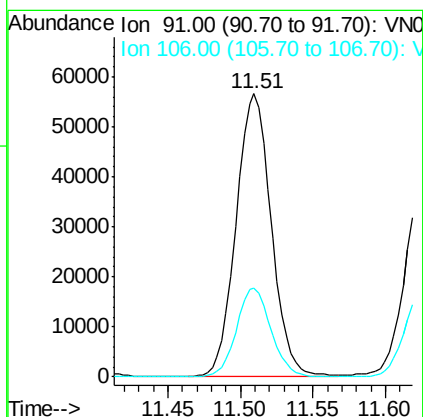
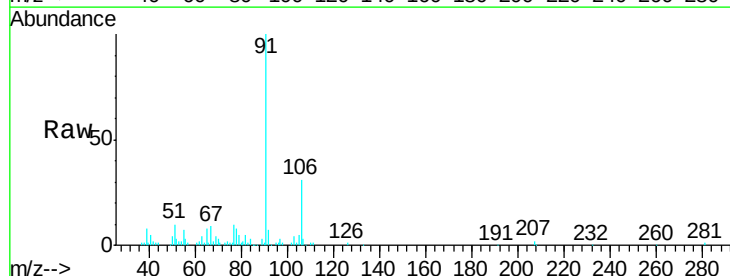
Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

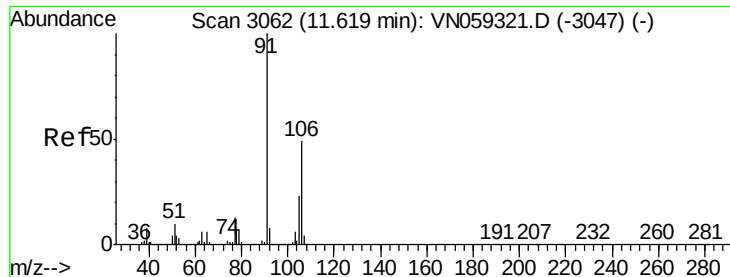
Tgt Ion: 112 Resp: 3100
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.6#



#67
Ethyl Benzene
Concen: 4.887 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Tgt Ion: 91 Resp: 95805
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0





#68

m/p-Xylenes

Concen: 4.264 ug/l

RT: 11.63 min Scan# 3064

Delta R.T. 0.01 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

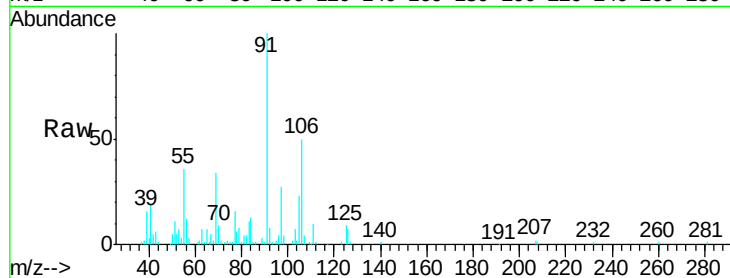
MW-2-(20-22)ME

Tgt Ion:106 Resp: 31067

Ion Ratio Lower Upper

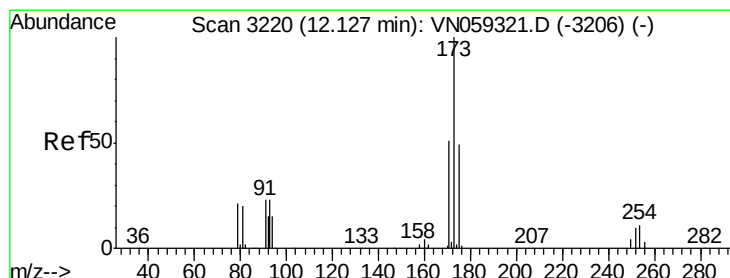
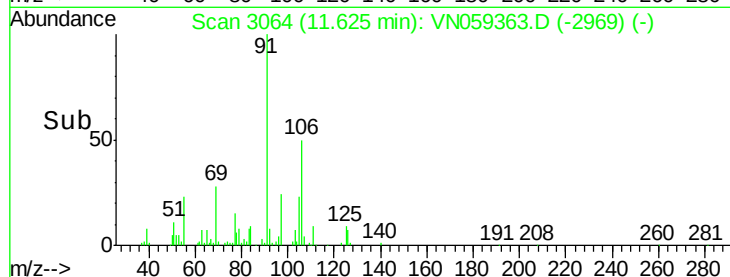
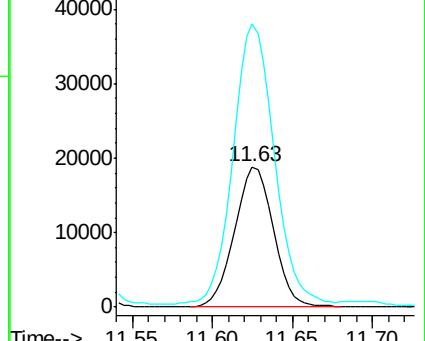
106 100

91 212.0 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#71

Bromoform

Concen: 0.363 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

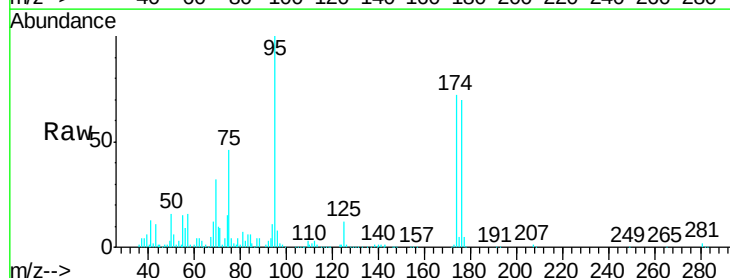
Tgt Ion:173 Resp: 1097

Ion Ratio Lower Upper

173 100

175 1085.1 24.6 73.6#

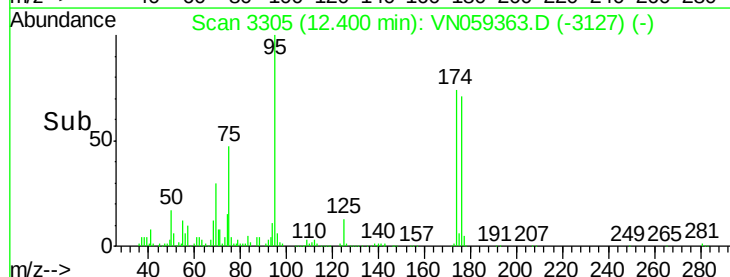
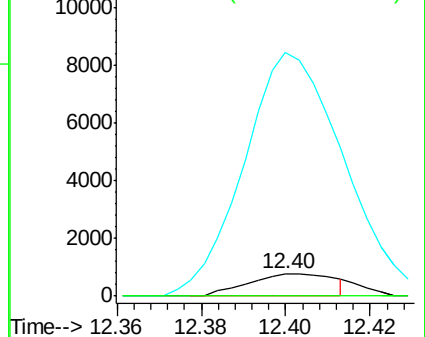
254 0.0 0.1 0.1#

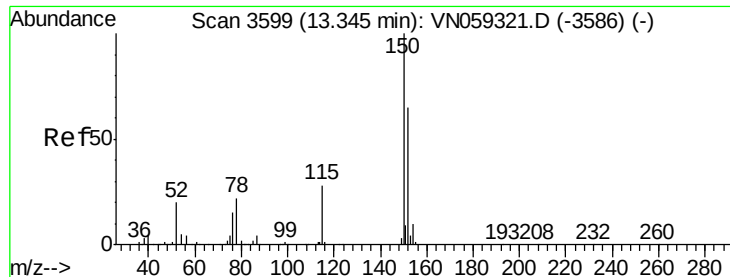


Abundance Ion 172.70 (172.40 to 173.40): V

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# 3599

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

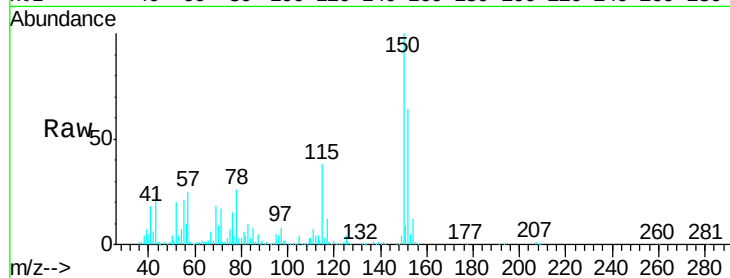
Tgt Ion:152 Resp: 228204

Ion Ratio Lower Upper

152 100

115 73.1 29.3 88.0

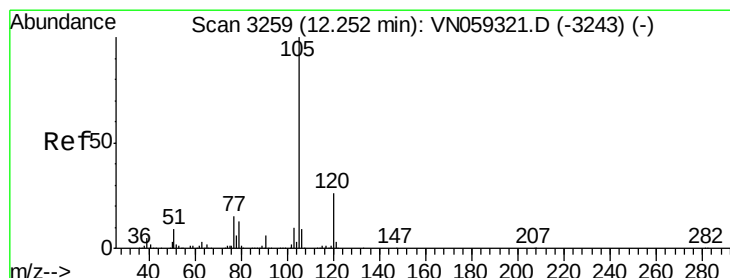
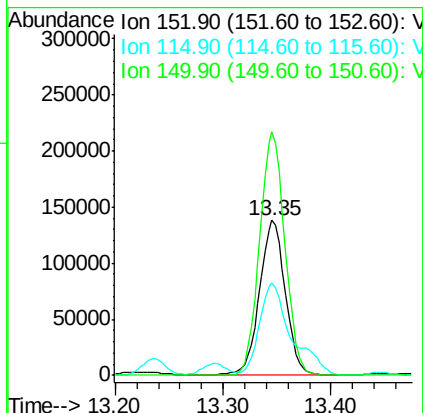
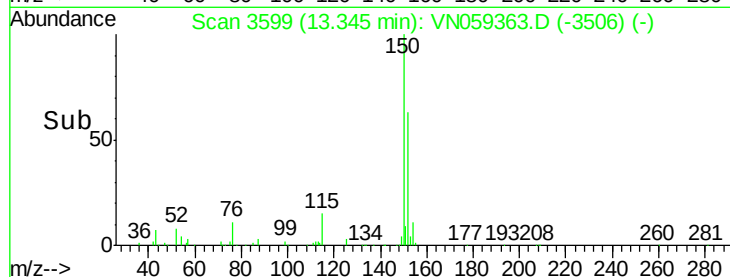
150 154.3 0.0 346.0



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



#73

Isopropylbenzene

Concen: 7.799 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059363.D

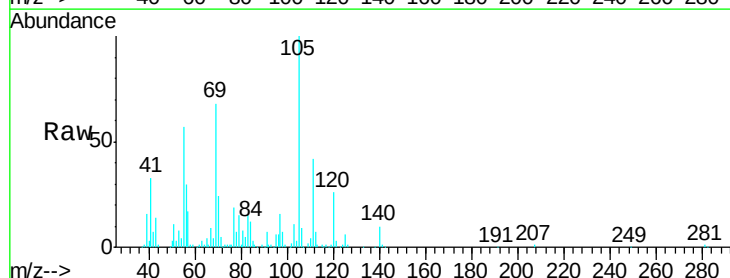
Acq: 22 Nov 2019 14:41

Tgt Ion:105 Resp: 145798

Ion Ratio Lower Upper

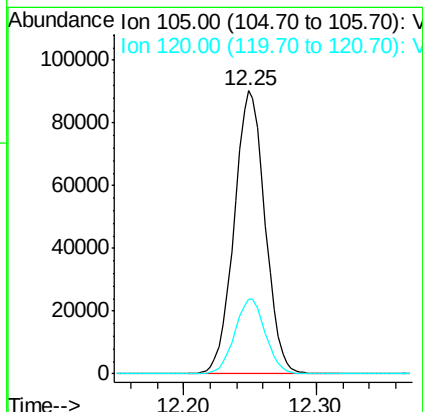
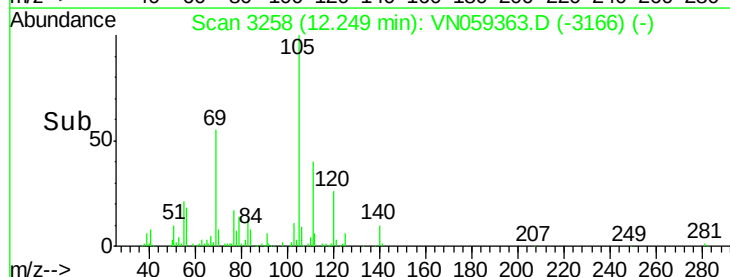
105 100

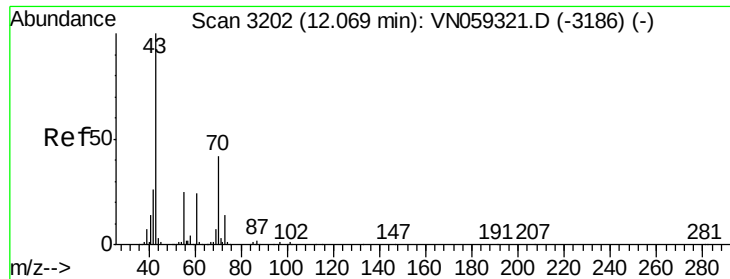
120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 49.776 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.02 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

Tgt Ion: 43 Resp: 373962

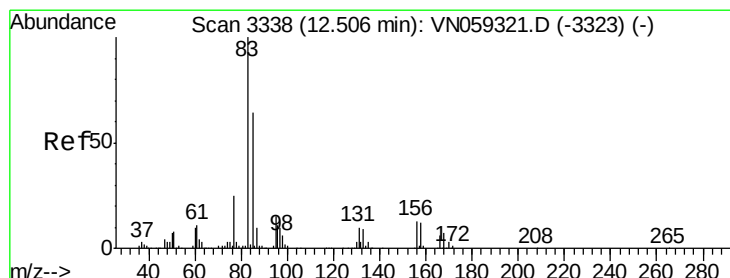
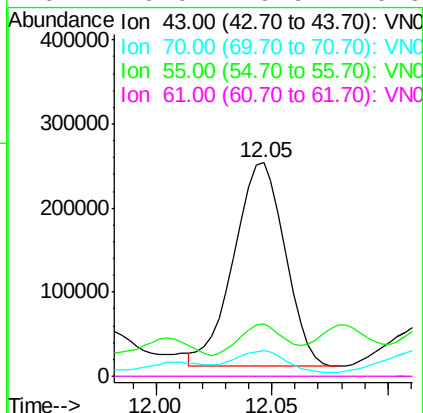
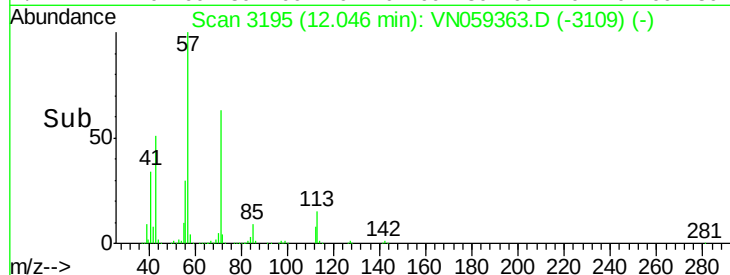
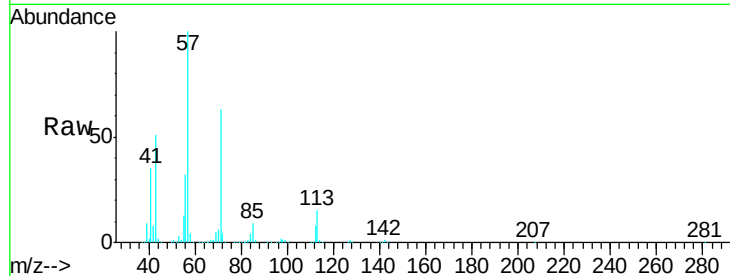
Ion Ratio Lower Upper

43 100

70 10.3 33.8 50.6#

55 17.4 20.3 30.5#

61 0.0 19.9 29.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 17.178 ug/l

RT: 12.56 min Scan# 3355

Delta R.T. 0.05 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

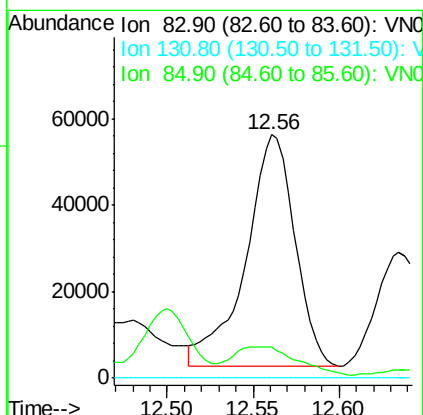
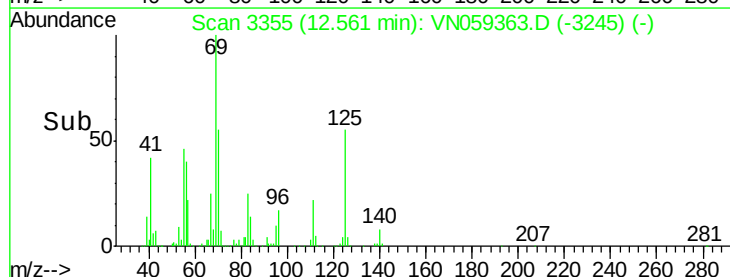
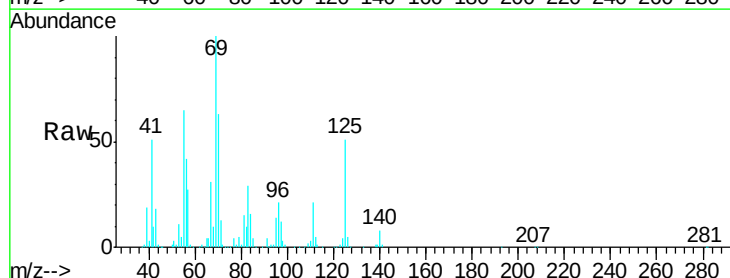
Tgt Ion: 83 Resp: 106228

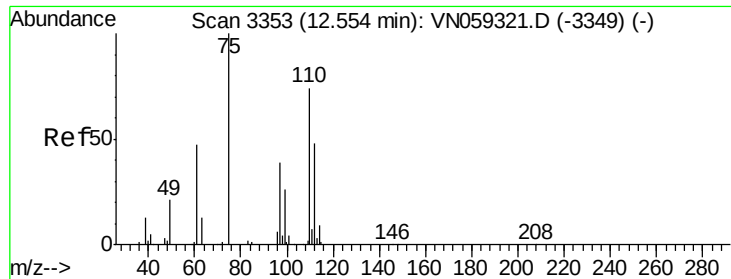
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 15.7 32.1 96.3#





#76

1,2,3-Trichloropropane

Concen: 0.976 ug/l

RT: 12.66 min Scan# 3385

Delta R.T. 0.10 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

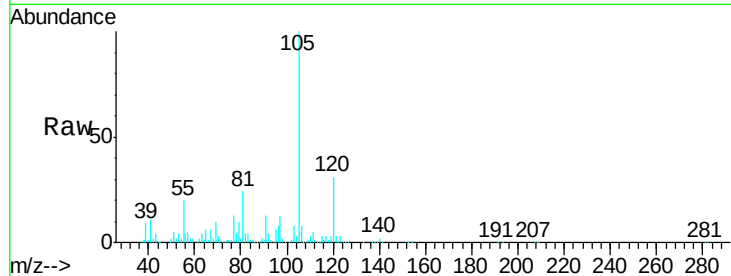
MW-2-(20-22)ME

Tgt Ion: 75 Resp: 5145

Ion Ratio Lower Upper

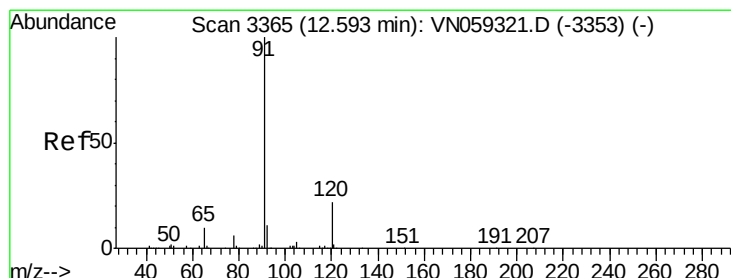
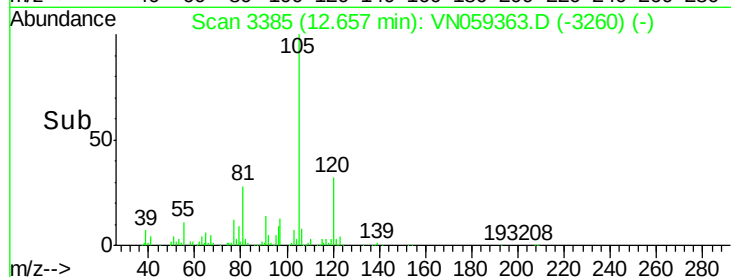
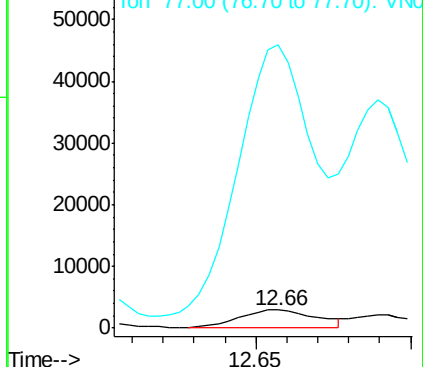
75 100

77 1436.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 20.869 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059363.D

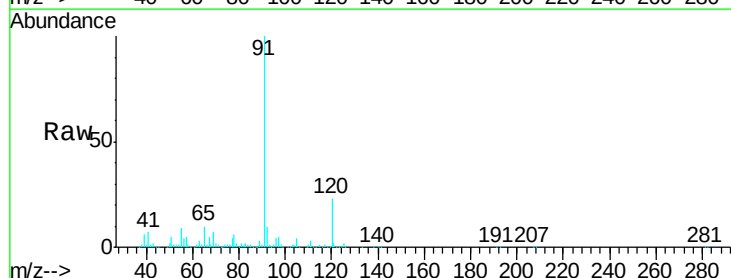
Acq: 22 Nov 2019 14:41

Tgt Ion: 91 Resp: 441913

Ion Ratio Lower Upper

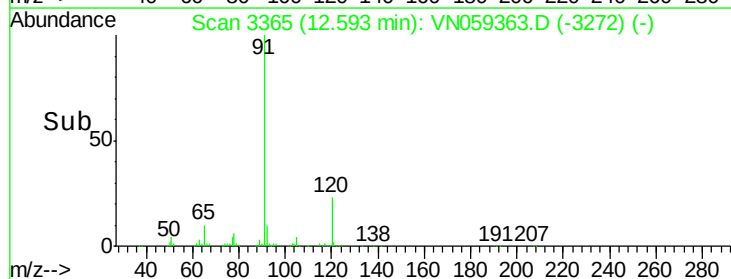
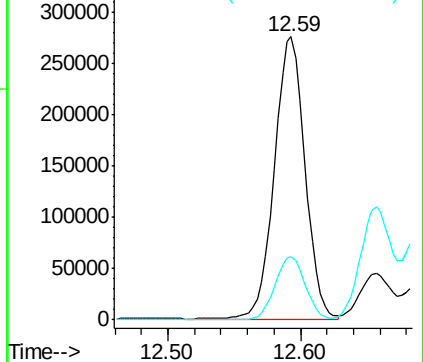
91 100

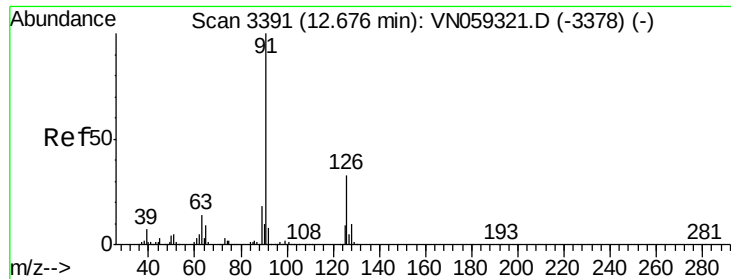
120 22.4 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

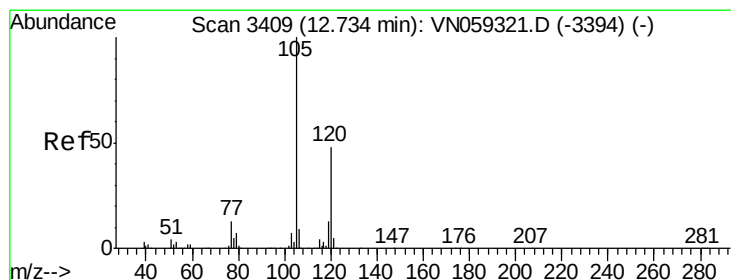
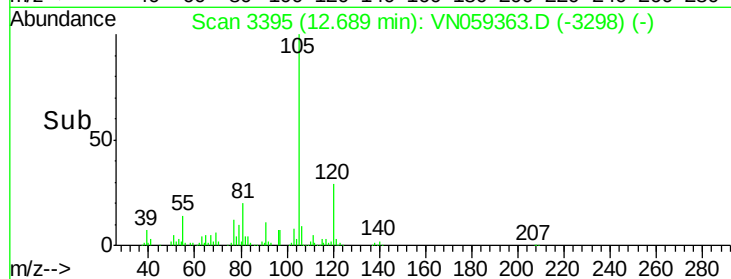
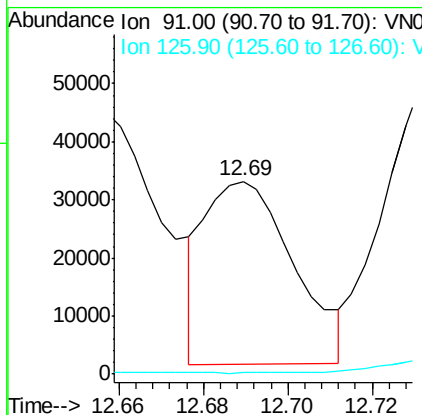
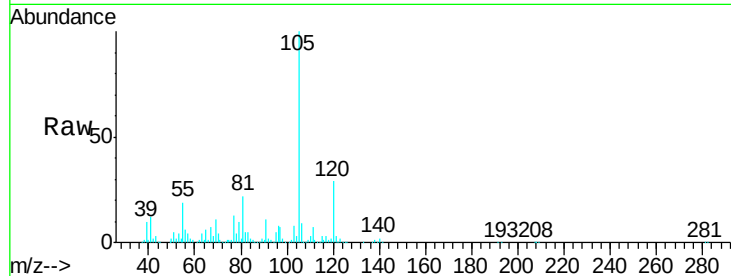




#79
 2-Chlorotoluene
 Concen: 3.530 ug/l
 RT: 12.69 min Scan# 3395
 Delta R.T. 0.01 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

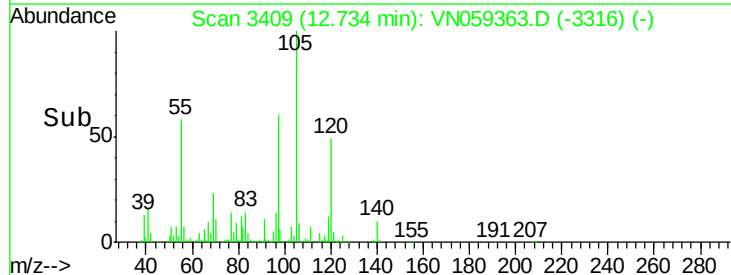
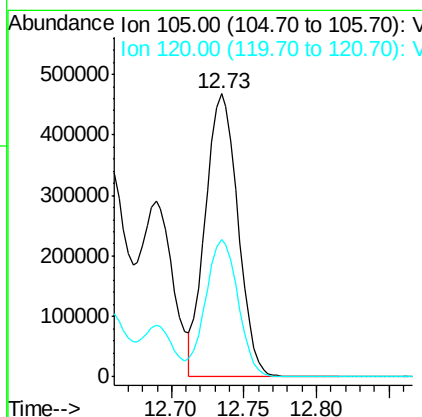
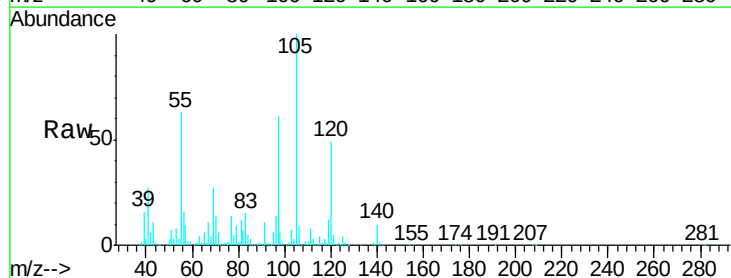
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

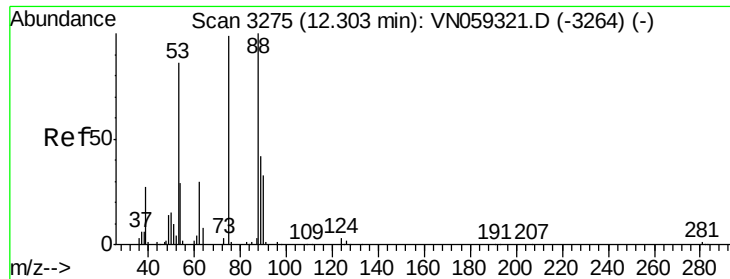
Tgt Ion: 91 Resp: 45877
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.7 50.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 46.272 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Tgt Ion: 105 Resp: 727152
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.1 72.4

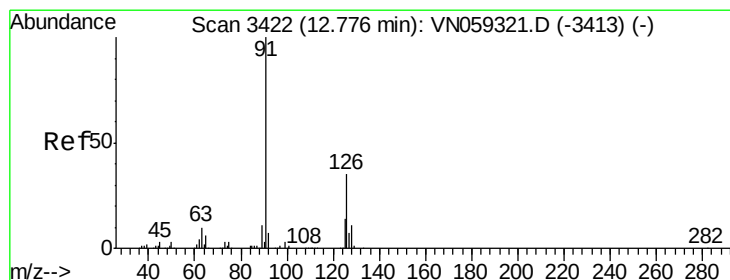
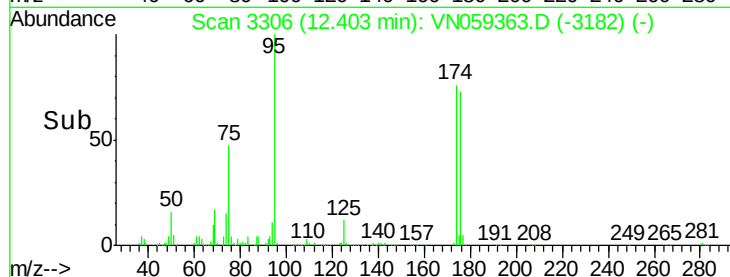
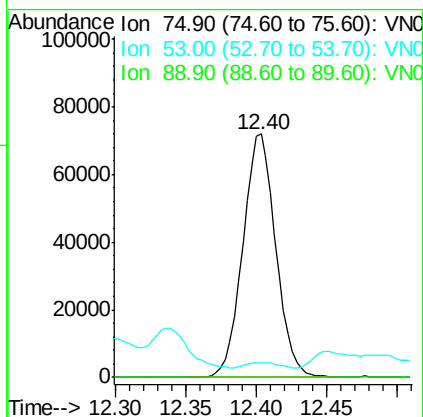
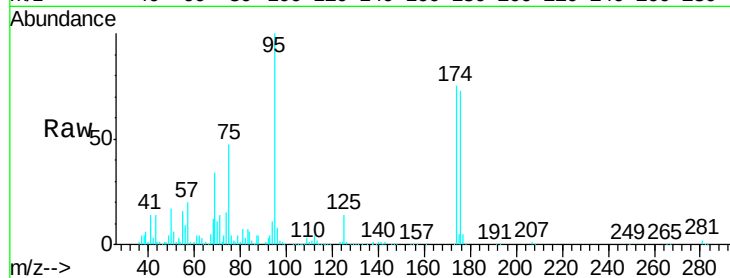




#81
trans-1,4-Dichloro-2-butene
Concen: 55.915 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

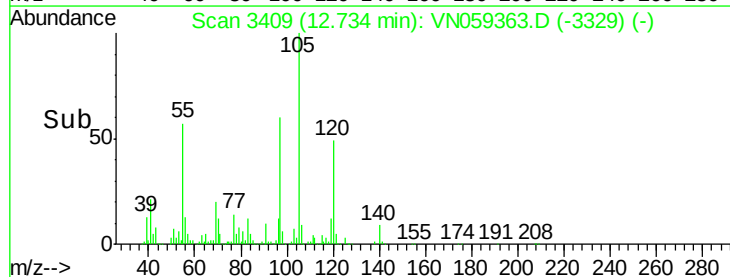
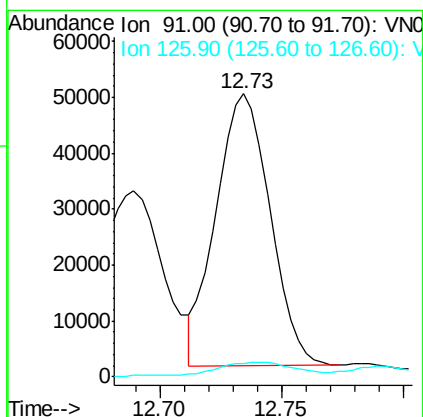
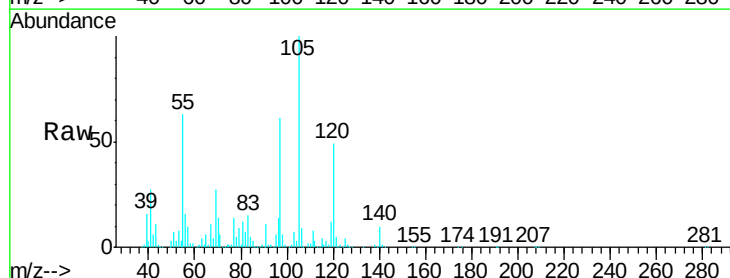
Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

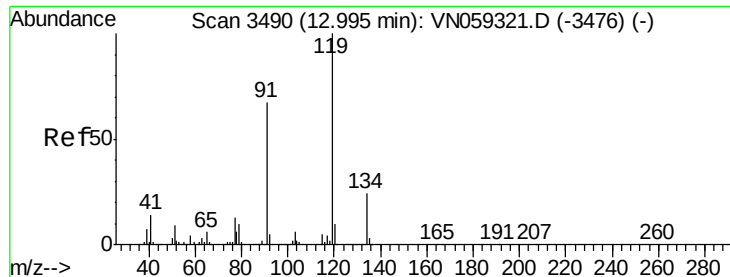
Tgt Ion: 75 Resp: 117860
Ion Ratio Lower Upper
75 100
53 2.2 70.7 106.1#
89 0.0 35.4 53.0#



#82
4-Chlorotoluene
Concen: 5.582 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Tgt Ion: 91 Resp: 75084
Ion Ratio Lower Upper
91 100
126 7.0 16.2 48.6#

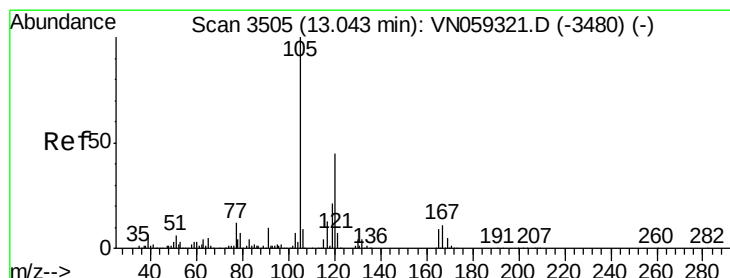
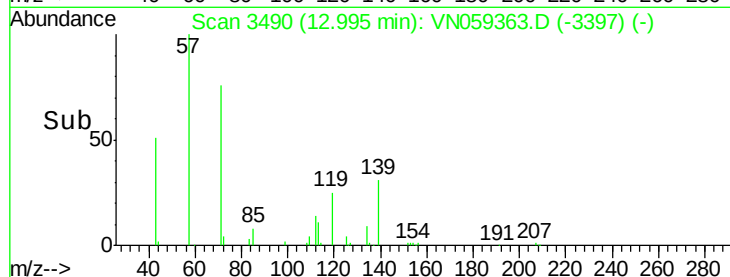
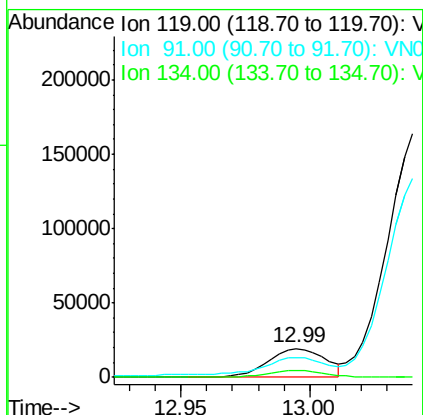
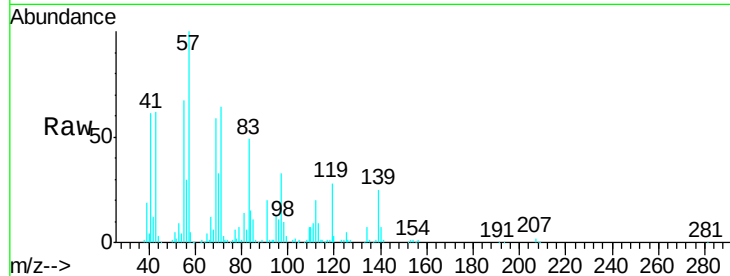




#83
 tert-Butylbenzene
 Concen: 2.239 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

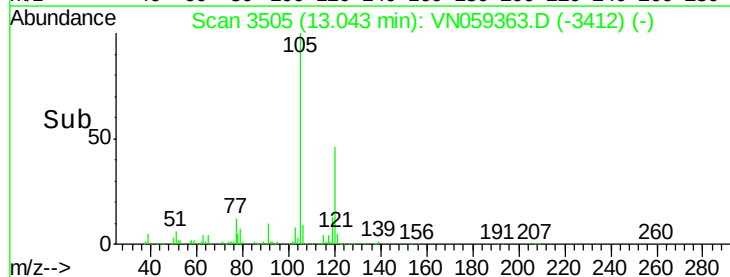
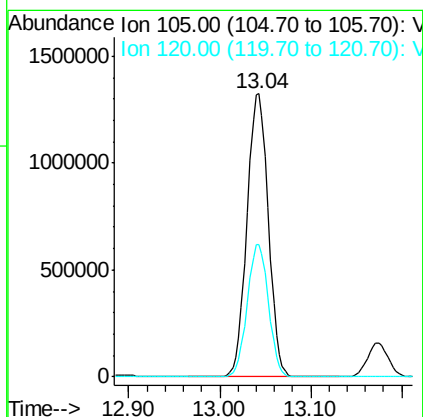
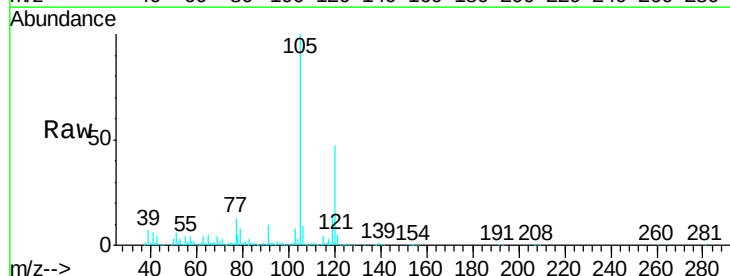
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2-(20-22)ME

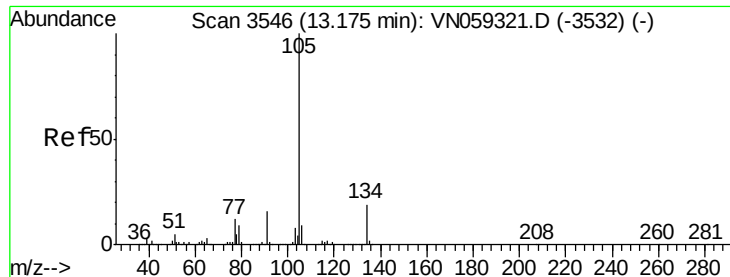
Tgt Ion:119 Resp: 29712
 Ion Ratio Lower Upper
 119 100
 91 72.3 32.8 98.4
 134 24.4 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 140.151 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059363.D
 Acq: 22 Nov 2019 14:41

Tgt Ion:105 Resp: 2157478
 Ion Ratio Lower Upper
 105 100
 120 46.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 14.092 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

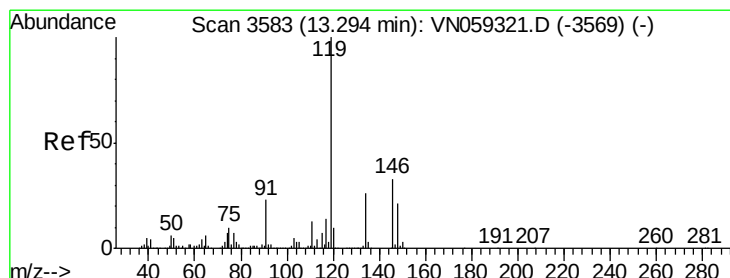
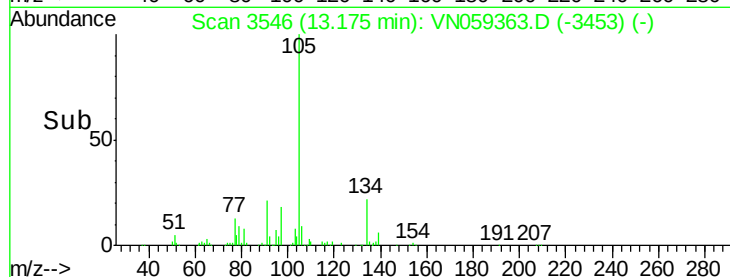
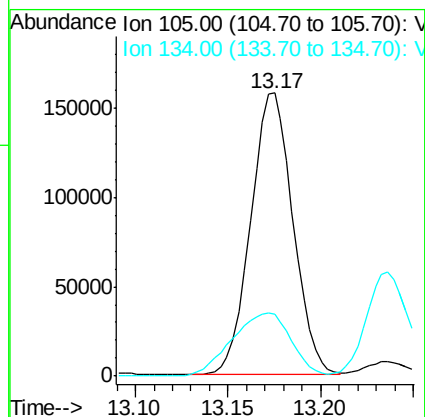
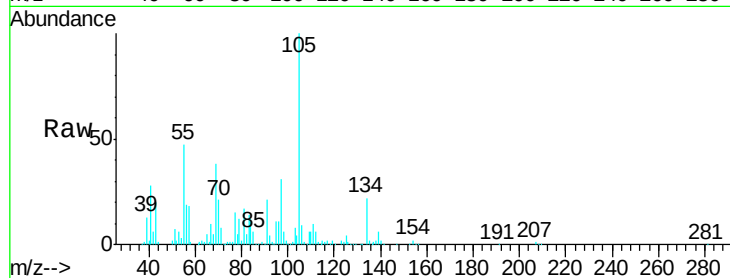
MW-2-(20-22)ME

Tgt Ion:105 Resp: 251387

Ion Ratio Lower Upper

105 100

134 31.2 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 14.527 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

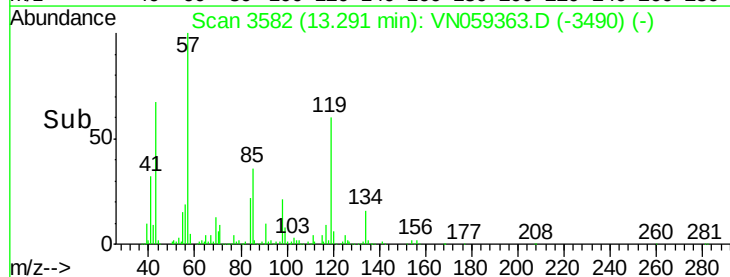
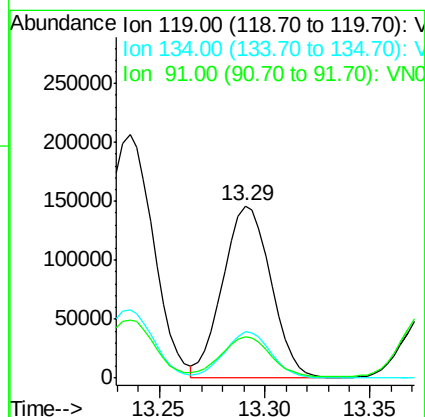
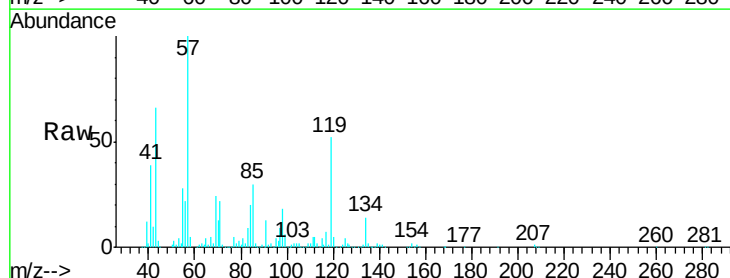
Tgt Ion:119 Resp: 230604

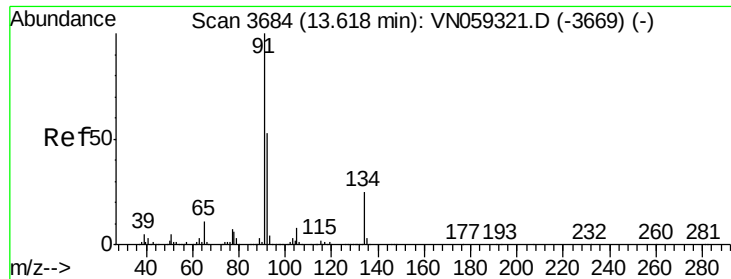
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 23.1 11.6 34.7





#89

n-Butylbenzene

Concen: 17.095 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

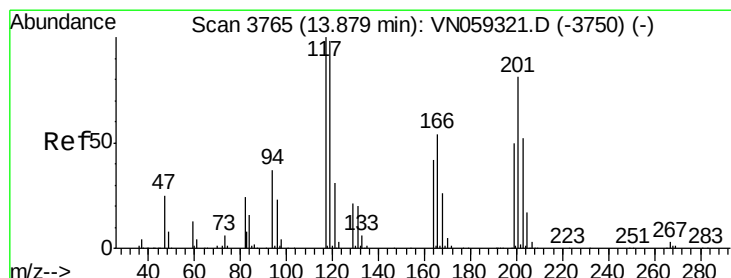
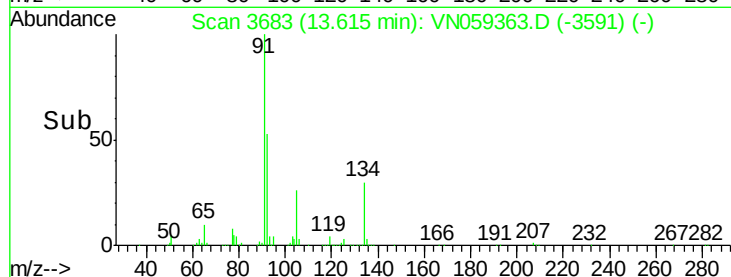
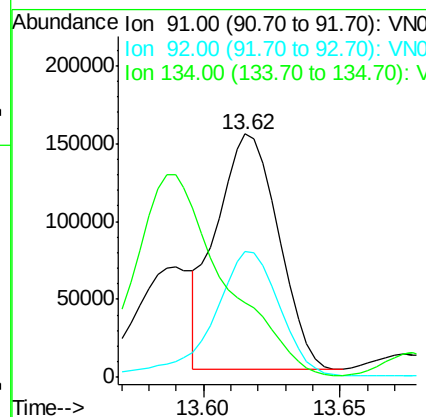
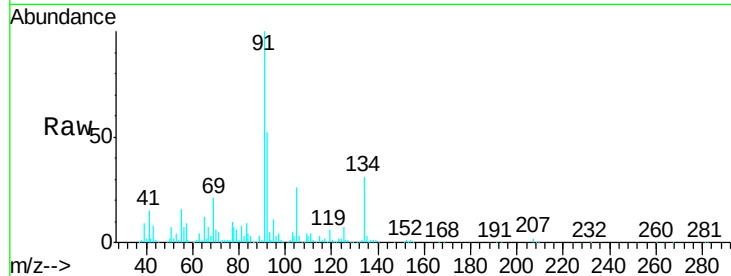
Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

Tgt Ion:	91	Resp:	238056
Ion	Ratio	Lower	Upper
91	100		
92	56.1	26.0	78.0
134	0.0	12.7	38.1#



#90

Hexachloroethane

Concen: 9.890 ug/l

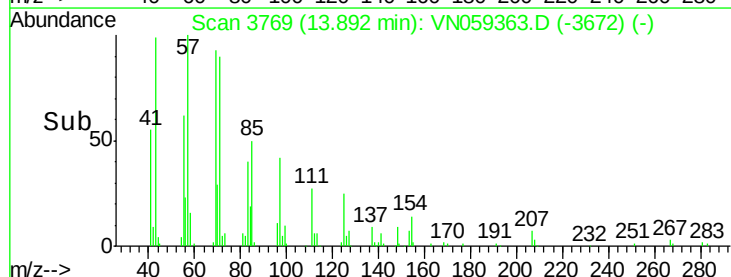
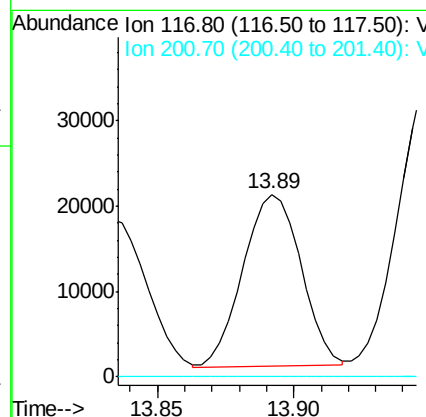
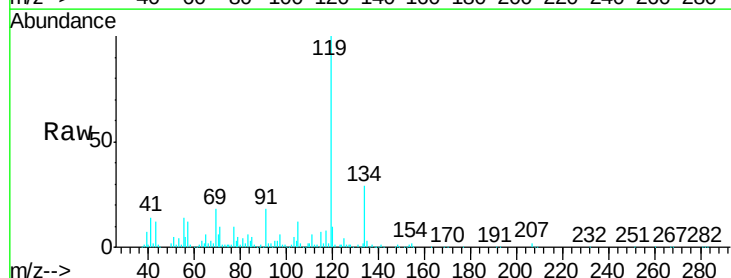
RT: 13.89 min Scan# 3769

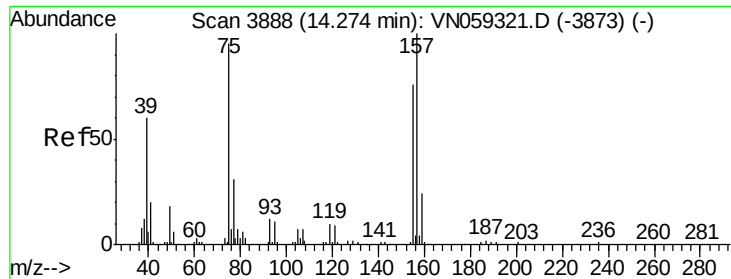
Delta R.T. 0.01 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Tgt Ion:	117	Resp:	29732
Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.4	121.2#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.459 ug/l

RT: 14.29 min Scan# 3894

Delta R.T. 0.02 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

Instrument :

MSVOA_N

ClientSampleId :

MW-2-(20-22)ME

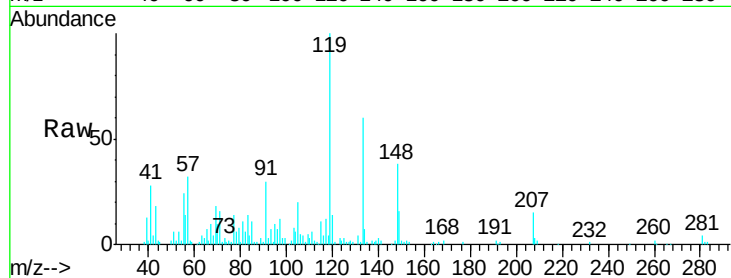
Tgt Ion: 75 Resp: 603

Ion Ratio Lower Upper

75 100

155 0.0 40.5 121.5#

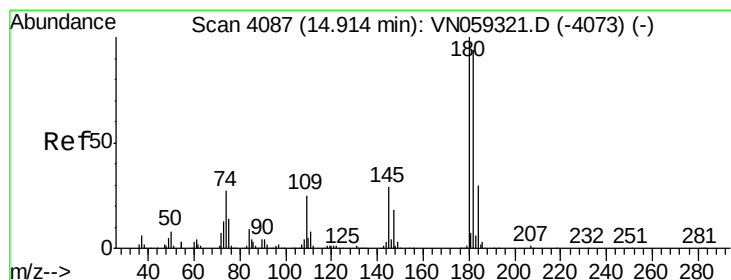
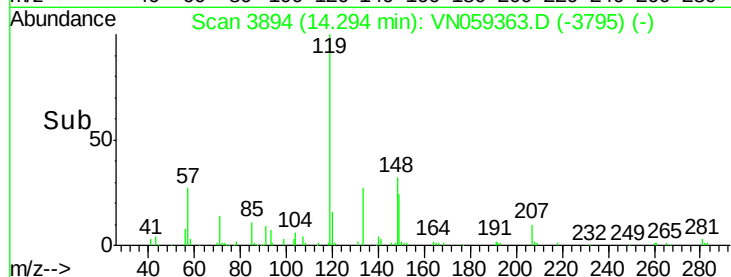
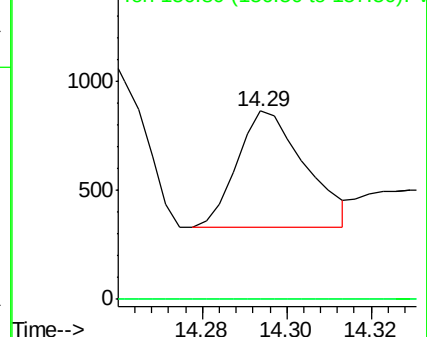
157 0.0 52.7 158.1#



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3873) (-)

Ion 154.80 (154.50 to 155.50): VN059321.D (-3873) (-)

Ion 156.80 (156.50 to 157.50): VN059321.D (-3873) (-)



#93

1,2,4-Trichlorobenzene

Concen: 2.979 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. -0.00 min

Lab File: VN059363.D

Acq: 22 Nov 2019 14:41

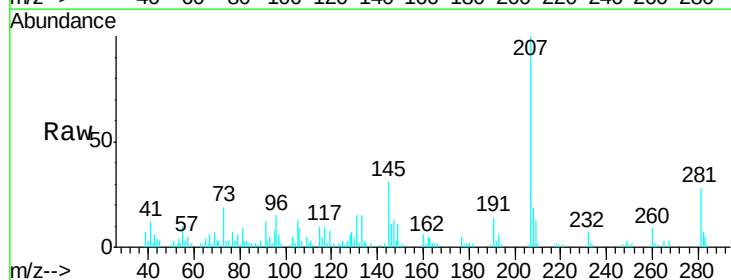
Tgt Ion: 180 Resp: 210

Ion Ratio Lower Upper

180 100

182 117.6 47.2 141.6

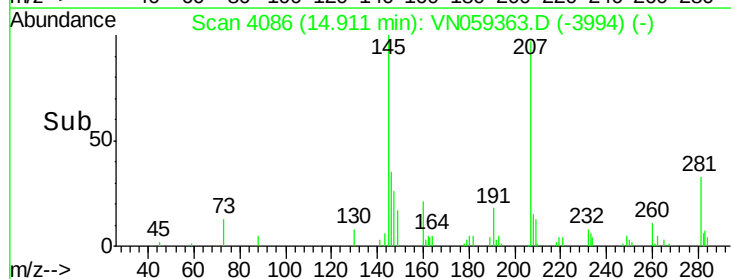
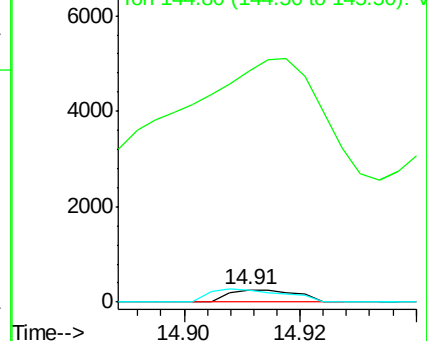
145 6274.3 14.9 44.5#

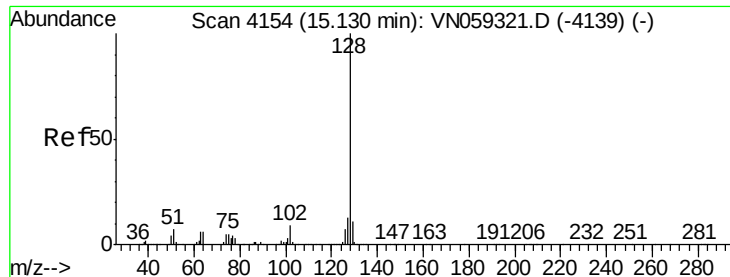


Abundance Ion 179.80 (179.50 to 180.50): VN059321.D (-4073) (-)

Ion 181.80 (181.50 to 182.50): VN059321.D (-4073) (-)

Ion 144.80 (144.50 to 145.50): VN059321.D (-4073) (-)

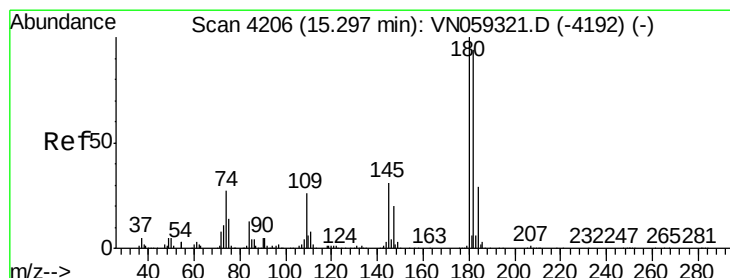
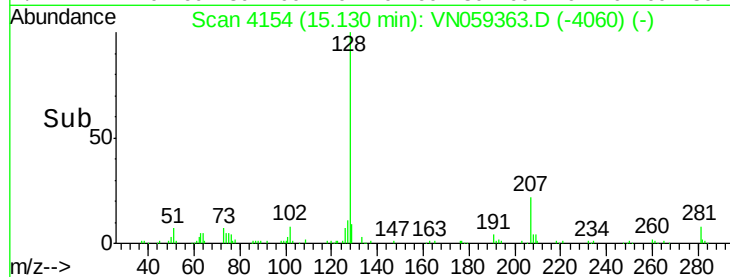
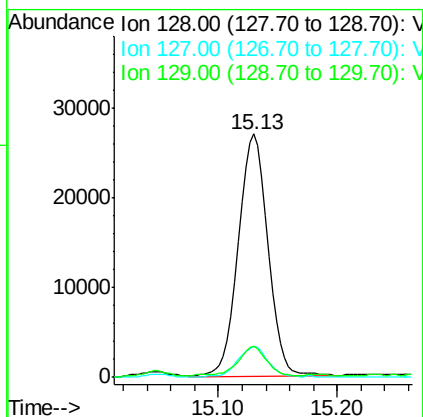
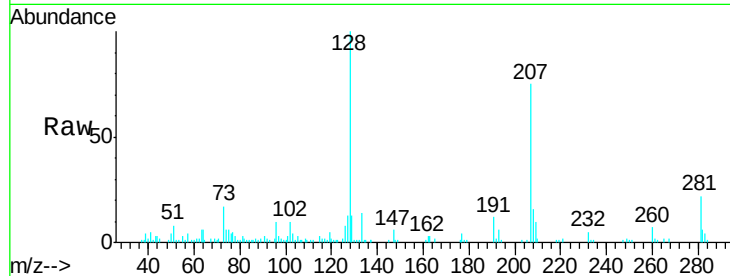




#95
Naphthalene
Concen: 6.418 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Instrument :
MSVOA_N
ClientSampleId :
MW-2-(20-22)ME

Tgt Ion:128 Resp: 46680
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.946 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. -0.00 min
Lab File: VN059363.D
Acq: 22 Nov 2019 14:41

Tgt Ion:180 Resp: 220
Ion Ratio Lower Upper
180 100
182 45.9 47.1 141.4#
145 1576.8 15.6 46.8#

