

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011119\
 Data File : VN053372.D
 Acq On : 11 Jan 2019 18:00
 Operator : JC/SP
 Sample : K1119-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Quant Time: Jan 12 00:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1010269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1575399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	688078	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	514331	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
35) Dibromofluoromethane	7.59	113	451076	50.30	ug/l	0.00
Spiked Amount			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1970147	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	696329	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	163	0.258	ug/l #	73
14) Allyl chloride	4.55	41	8696	0.572	ug/l #	25
16) Acetone	3.82	43	40308	13.823	ug/l	94
20) Methylene Chloride	4.55	84	224388	19.877	ug/l	97
25) 2-Butanone	6.84	43	3730	0.865	ug/l	92
29) Tetrahydrofuran	7.21	42	665	0.234	ug/l #	50
31) Cyclohexane	7.66	56	15934	0.696	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	65672	4.465	ug/l #	48
38) Carbon Tetrachloride	7.67	117	86896	6.401	ug/l #	16
43) Isopropyl Acetate	8.17	43	45438	2.411	ug/l #	78
48) Methyl methacrylate	9.18	41	10831	1.265	ug/l #	22
49) 1,4-Dioxane	9.27	88	66	0.724	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5764	0.608	ug/l	99
52) Toluene	10.16	92	12342	0.448	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	93858	5.546	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	12230	0.722	ug/l #	42
59) 2-Hexanone	10.76	43	167082	25.731	ug/l #	50
67) Ethyl Benzene	11.51	91	22744	0.412	ug/l	94
68) m/p-Xylenes	11.62	106	37234	1.793	ug/l	98
69) o-Xylene	11.95	106	27694	1.362	ug/l	98
73) Isopropylbenzene	12.25	105	13015	0.254	ug/l	99
76) 1,2,3-Trichloropropane	12.40	75	325174	32.401	ug/l #	100
78) n-propylbenzene	12.59	91	39548	0.682	ug/l	99
79) 2-Chlorotoluene	12.66	91	17917	0.511	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	88328	2.140	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	325174	95.329	ug/l #	14
82) 4-Chlorotoluene	12.73	91	9303	0.259	ug/l #	40
83) tert-Butylbenzene	13.04	119	46654	1.289	ug/l #	73
84) 1,2,4-Trimethylbenzene	13.04	105	370545	8.814	ug/l	100
85) sec-Butylbenzene	13.17	105	26874	0.563	ug/l	95
86) p-Isopropyltoluene	13.29	119	18183	0.440	ug/l	98
89) n-Butylbenzene	13.62	91	17638	0.509	ug/l #	57
90) Hexachloroethane	13.89	117	12267	1.851	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.25	75	1352	0.946	ug/l #	1

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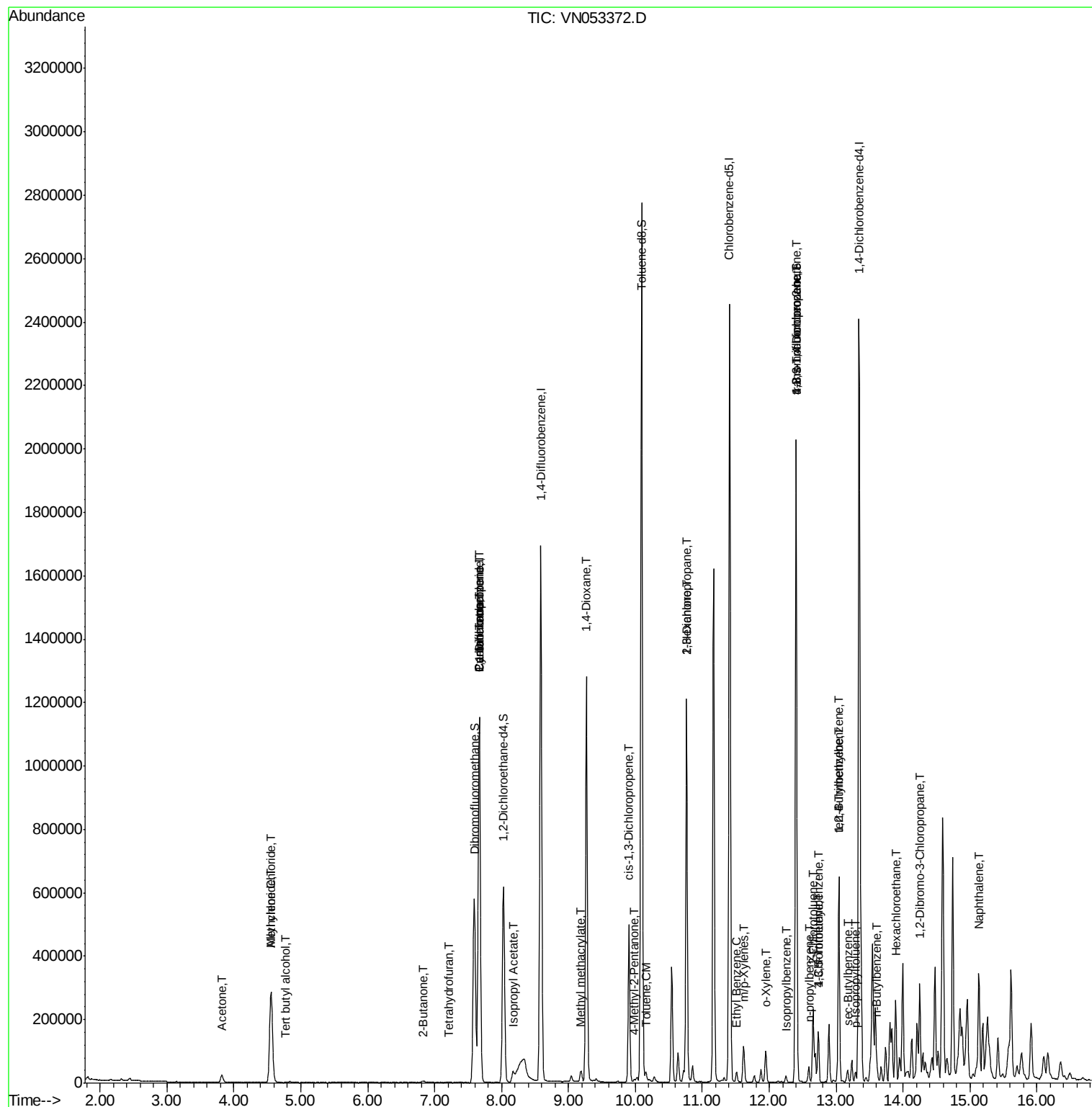
Quant Time: Jan 12 00:42:24 2019
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QLast Update : Mon Jan 07 09:34:27 2019
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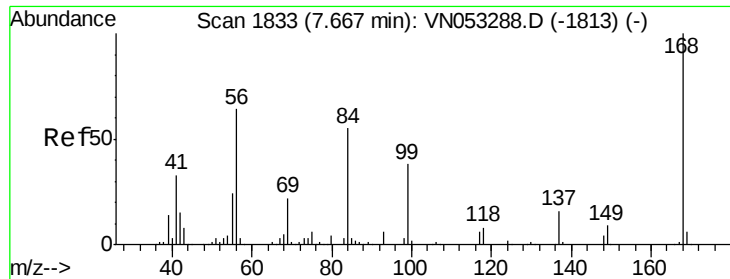
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	289369	23.919	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053372.D

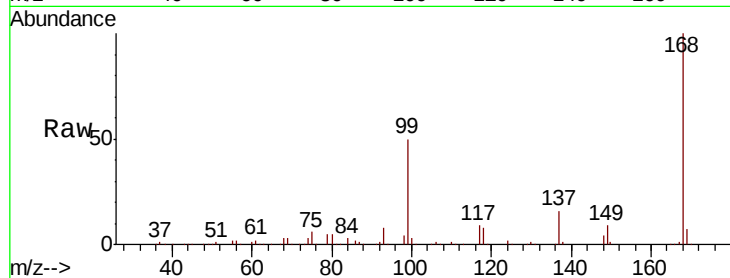
Acq: 11 Jan 2019 18:00

Tgt Ion: 168 Resp: 1010269

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

400000

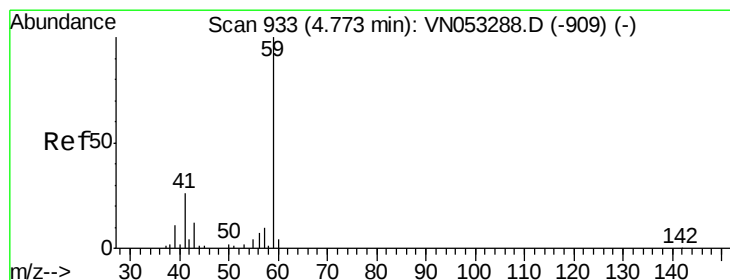
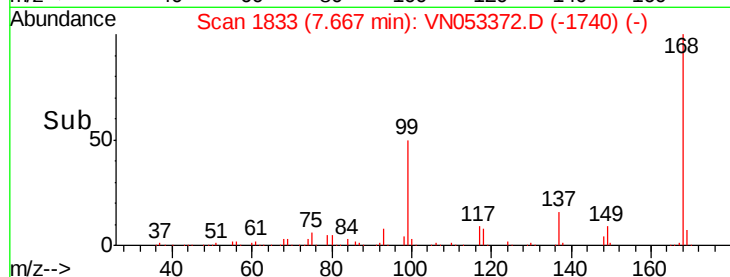
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.258 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.00 min

Lab File: VN053372.D

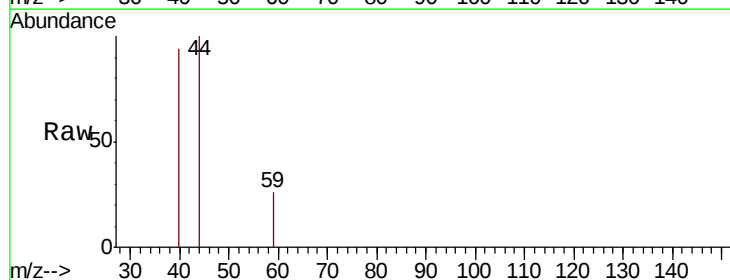
Acq: 11 Jan 2019 18:00

Tgt Ion: 59 Resp: 163

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#



Abundance Ion 59.00 (58.70 to 59.70): VN053288.D (-909) (-)

Ion 57.00 (56.70 to 57.70): VN053288.D (-909) (-)

4.78

300

250

200

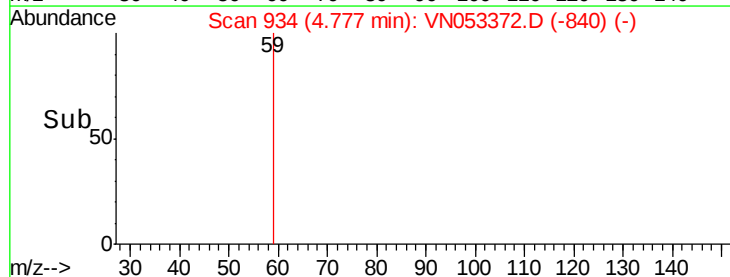
150

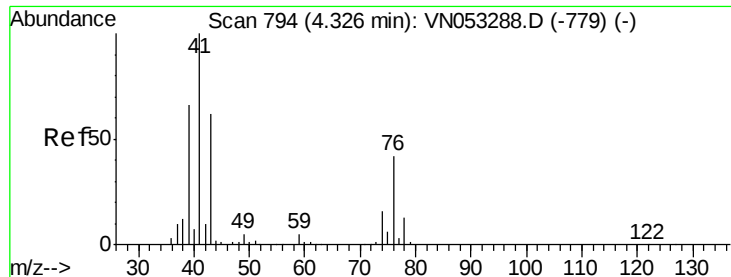
100

50

0

Time-->





#14

Allyl chloride

Concen: 0.572 ug/l

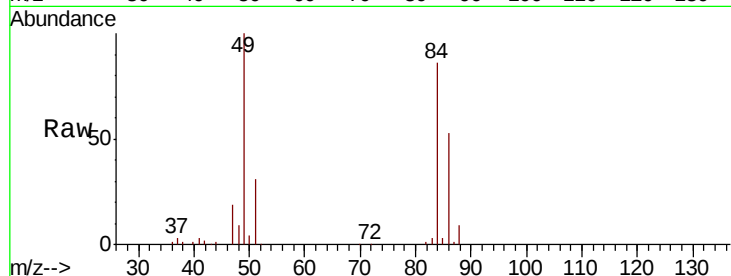
RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

Tgt Ion:	41	Resp:	8696
Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.9	77.9#
76	0.0	31.2	46.8#

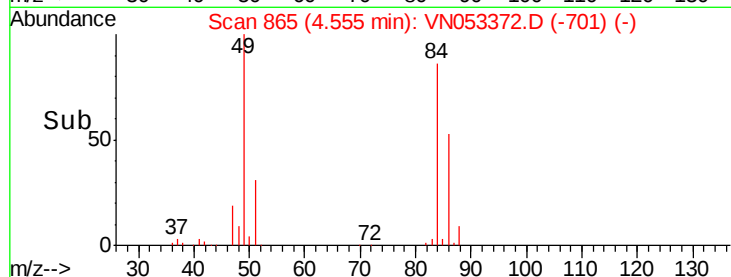


Abundance Ion 41.00 (40.70 to 41.70): VN053372.D (-779) (-)

Ion 39.00 (38.70 to 39.70): VN053372.D (-779) (-)

Ion 75.90 (75.60 to 76.60): VN053372.D (-779) (-)

Time-->

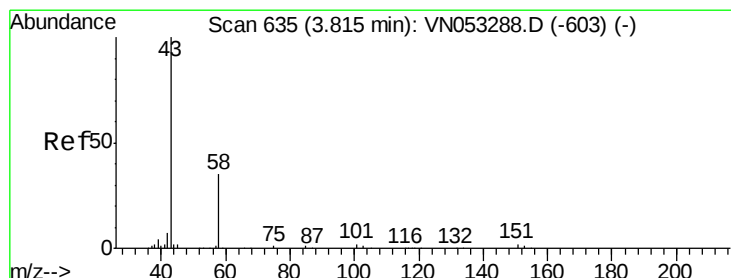


Abundance Ion 41.00 (40.70 to 41.70): VN053372.D (-779) (-)

Ion 39.00 (38.70 to 39.70): VN053372.D (-779) (-)

Ion 75.90 (75.60 to 76.60): VN053372.D (-779) (-)

Time-->



#16

Acetone

Concen: 13.823 ug/l

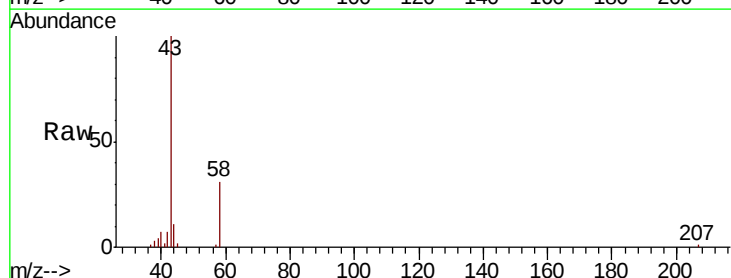
RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

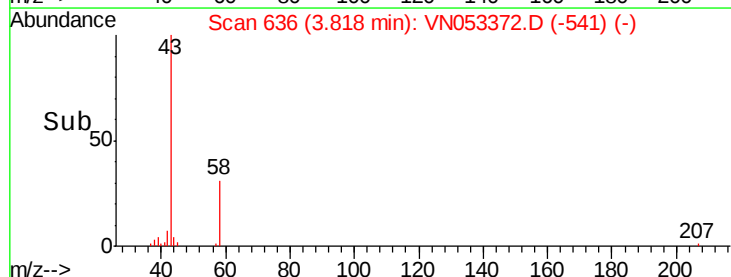
Tgt Ion:	43	Resp:	40308
Ion	Ratio	Lower	Upper
43	100		
58	31.1	27.8	41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053372.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053372.D (-541) (-)

Time-->

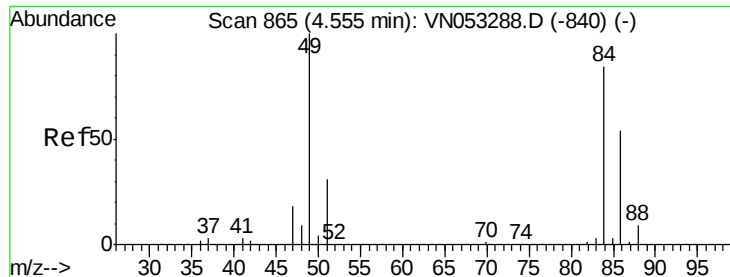


Abundance Ion 43.00 (42.70 to 43.70): VN053372.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053372.D (-541) (-)

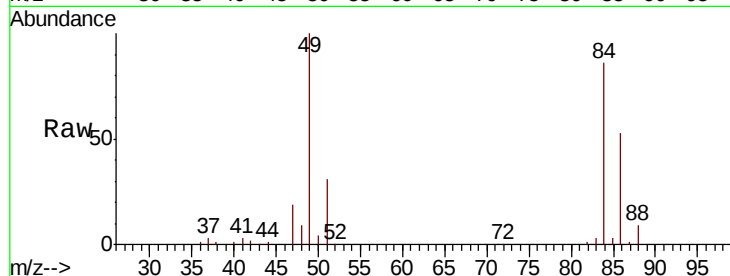
Time-->

Time-->

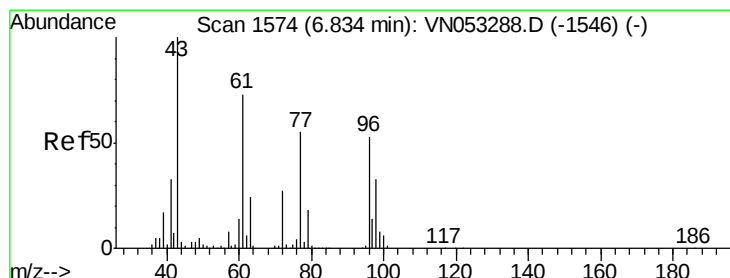
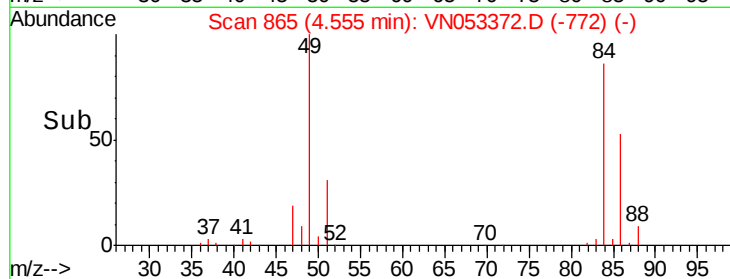
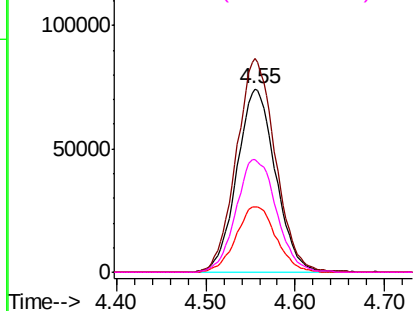


#20
Methylene Chloride
Concen: 19.877 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:	84	Resp:	224388
Ion	Ratio	Lower	Upper
84	100		
49	116.3	95.3	142.9
51	35.7	29.0	43.6
86	61.5	51.7	77.5

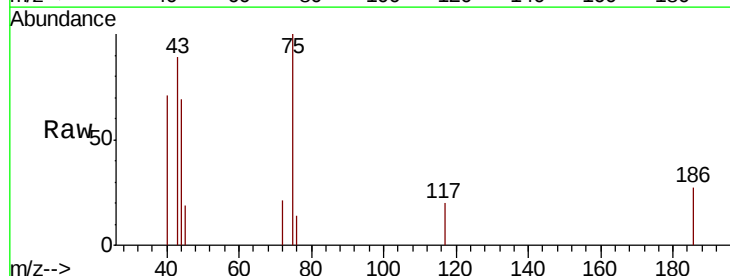


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

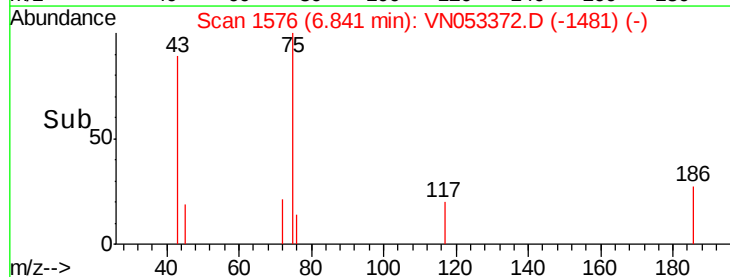
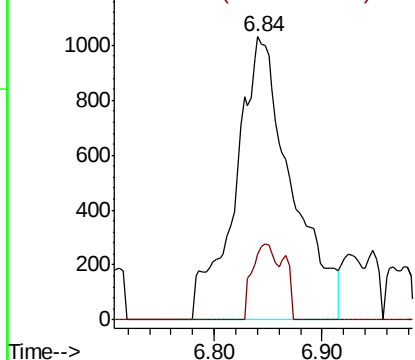


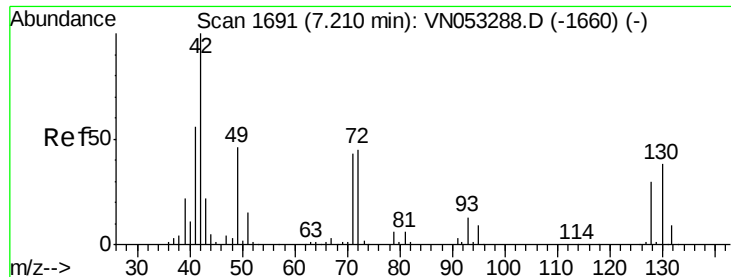
#25
2-Butanone
Concen: 0.865 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:	43	Resp:	3730
Ion	Ratio	Lower	Upper
43	100		
72	23.4	22.0	33.0



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0





#29

Tetrahydrofuran

Concen: 0.234 ug/l

RT: 7.21 min Scan# 1690

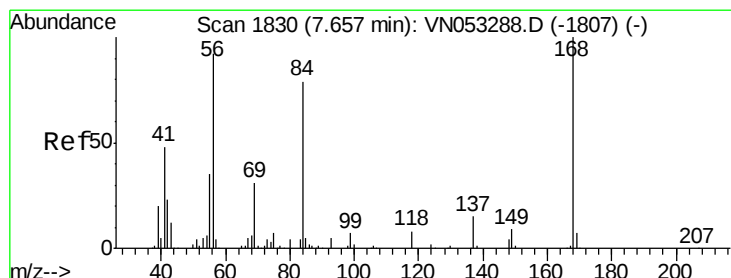
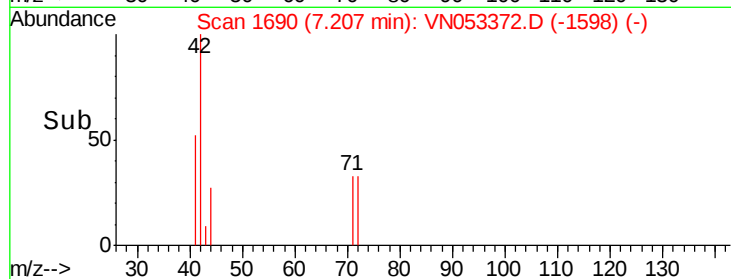
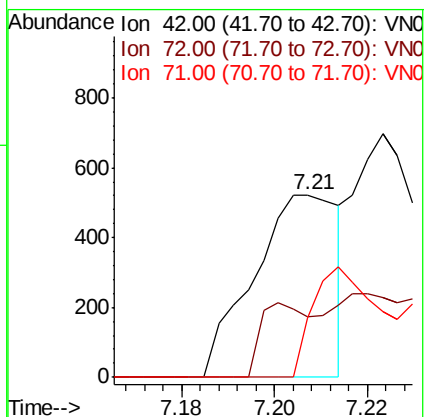
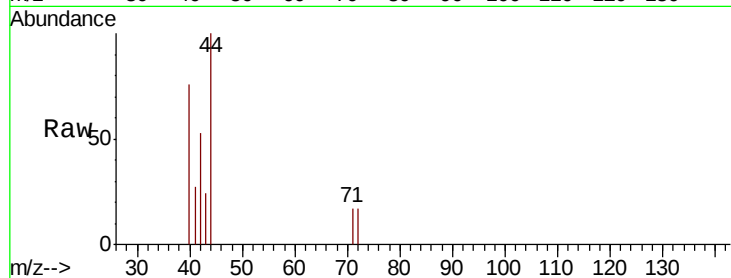
Delta R.T. -0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

Tgt Ion: 42 Resp: 665

Ion	Ratio	Lower	Upper
42	100		
72	22.3	35.6	53.4#
71	0.0	33.8	50.8#



#31

Cyclohexane

Concen: 0.696 ug/l

RT: 7.66 min Scan# 1832

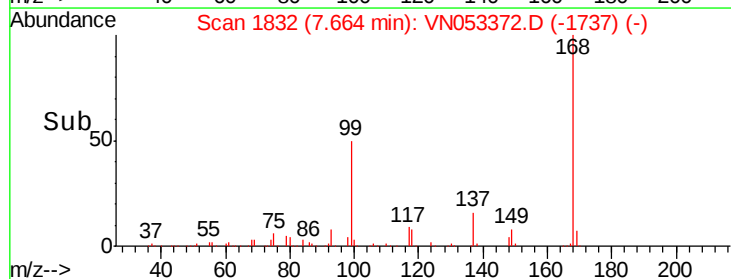
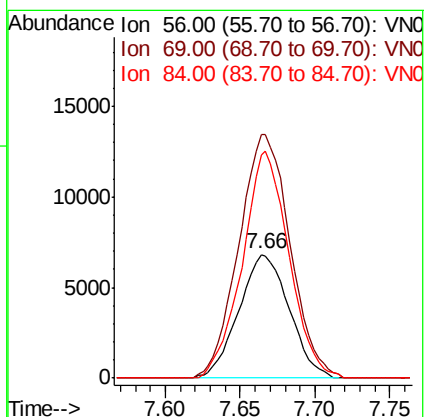
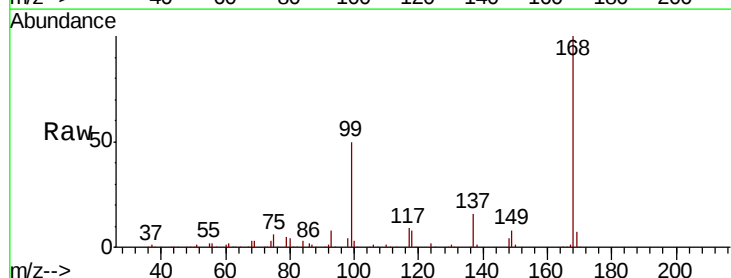
Delta R.T. 0.01 min

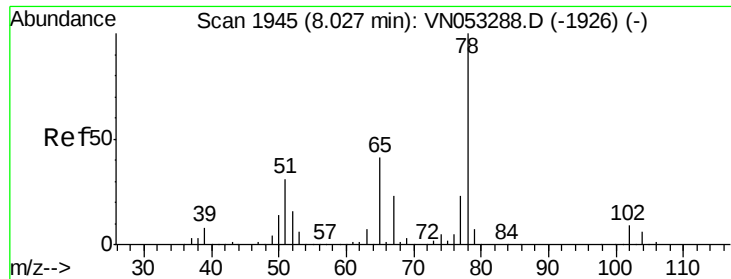
Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

Tgt Ion: 56 Resp: 15934

Ion	Ratio	Lower	Upper
56	100		
69	197.5	26.7	40.1#
84	181.2	68.2	102.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053372.D

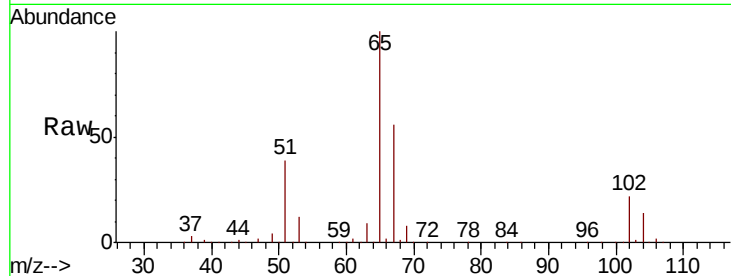
Acq: 11 Jan 2019 18:00

Tgt Ion: 65 Resp: 514331

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053372.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053372.D (-1852) (-)

8.03

250000

200000

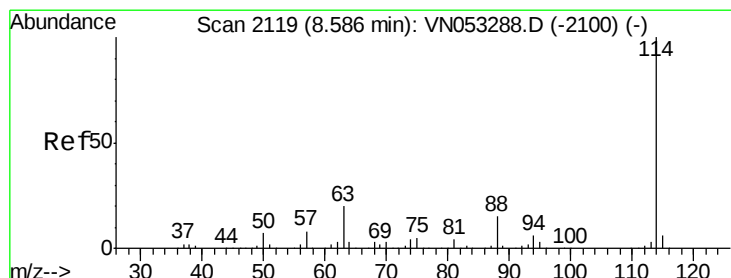
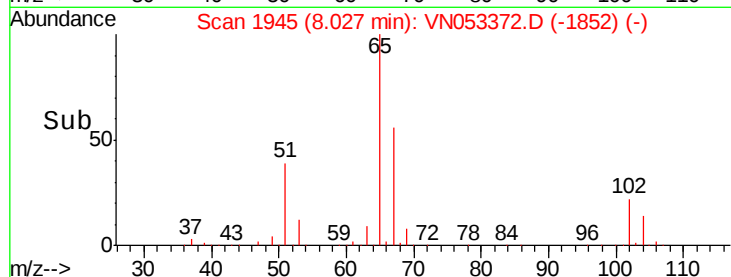
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

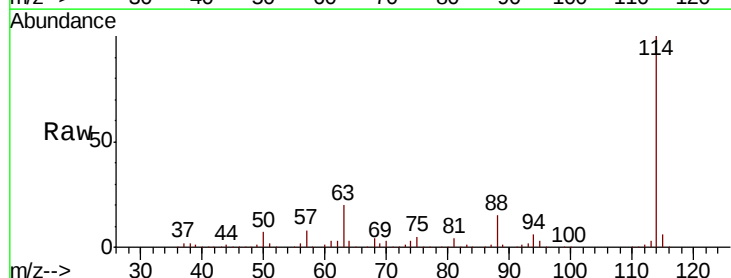
Tgt Ion: 114 Resp: 1575399

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.0

88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN053372.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN053372.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN053372.D (-2026) (-)

8.59

1000000

800000

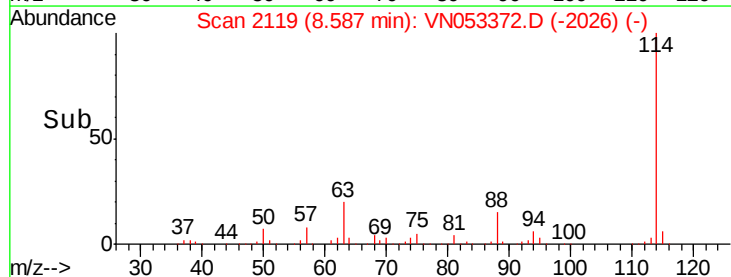
600000

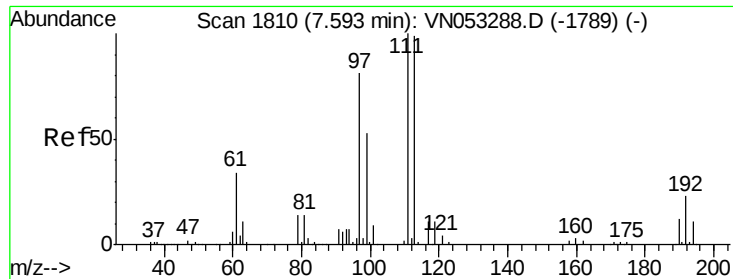
400000

200000

0

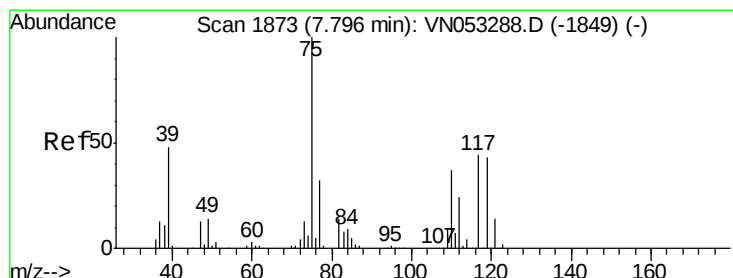
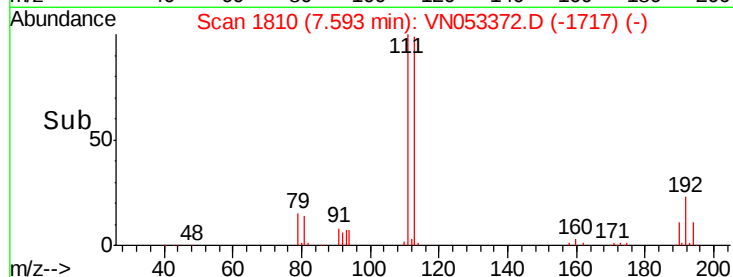
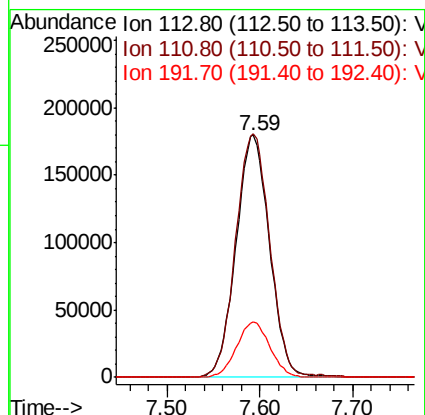
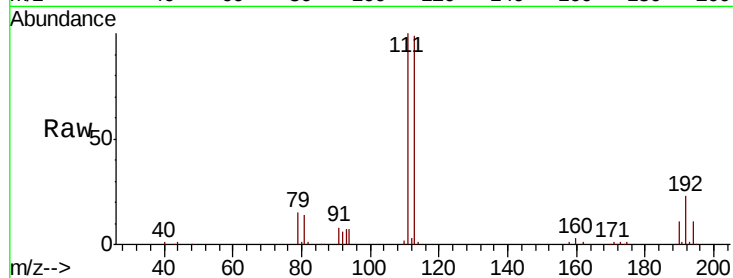
Time--> 8.50 8.55 8.60 8.65





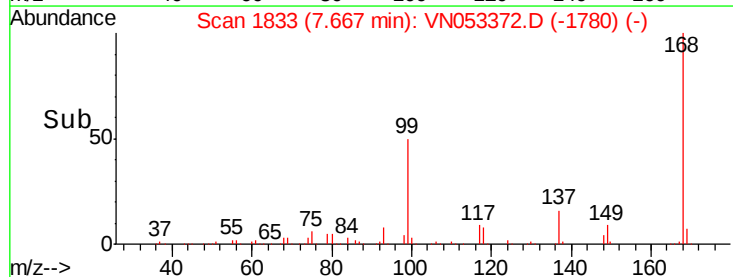
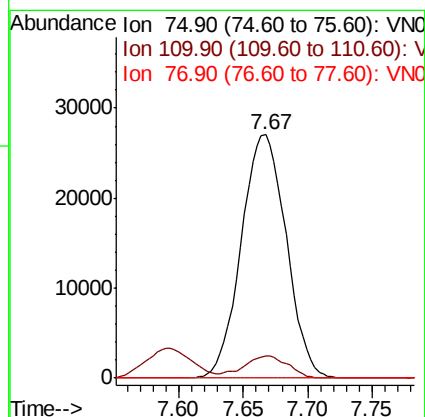
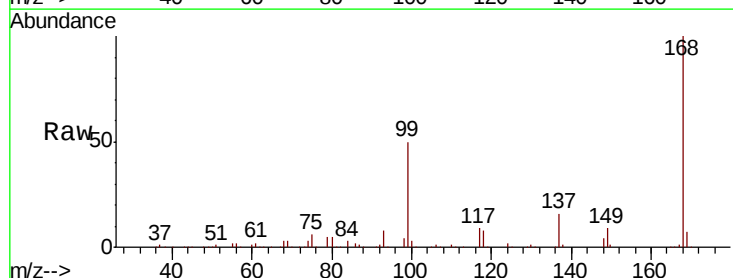
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

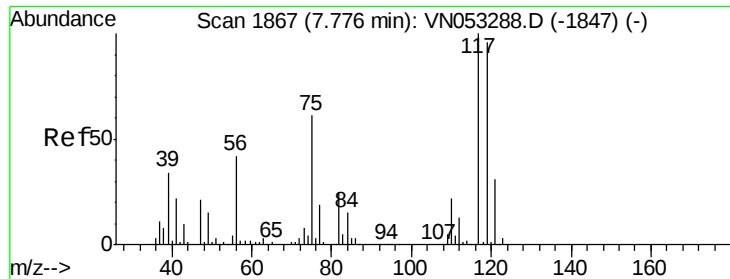
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.7	17.9	26.9



#36
 1,1-Dichloropropene
 Concen: 4.465 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.4	55.0#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.401 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

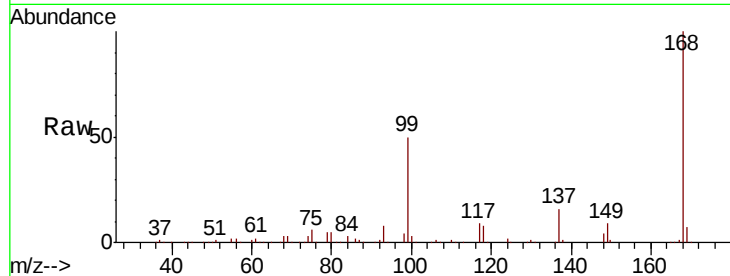
Tgt Ion: 117 Resp: 86896

Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

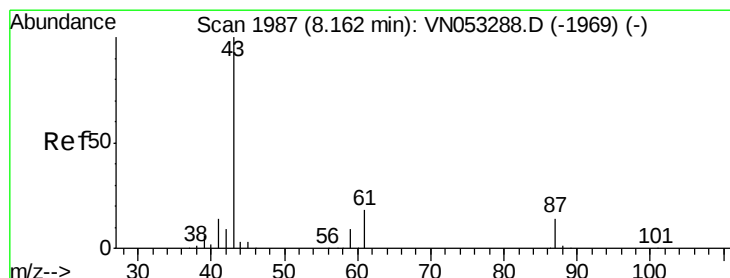
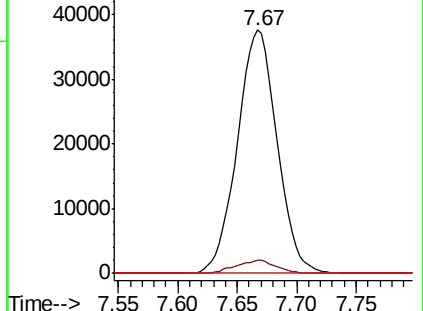
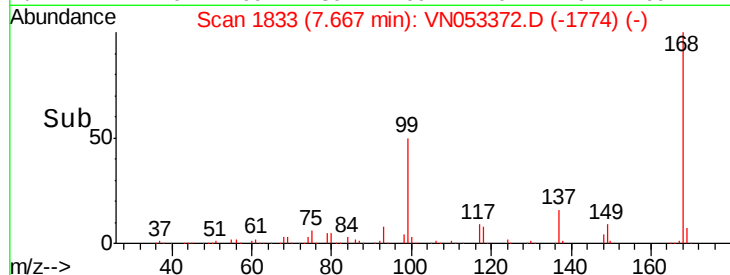
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 2.411 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

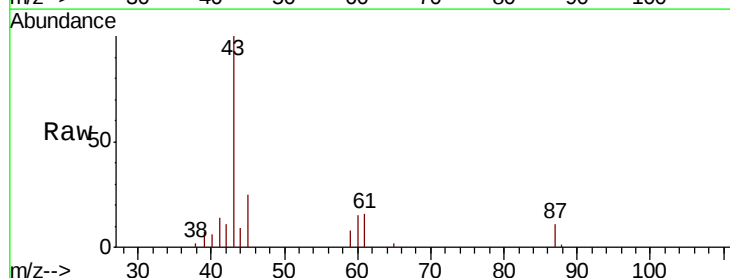
Tgt Ion: 43 Resp: 45438

Ion Ratio Lower Upper

43 100

61 15.0 23.3 34.9#

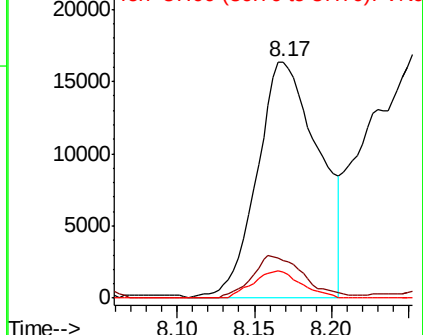
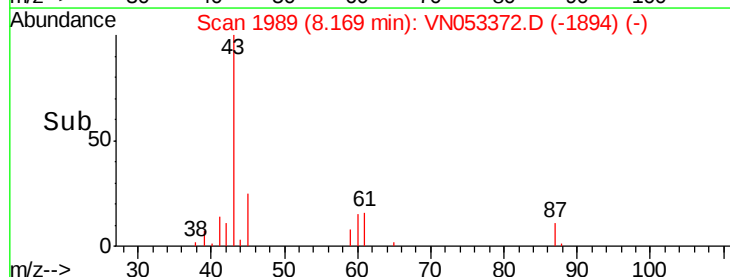
87 8.9 10.8 16.2#

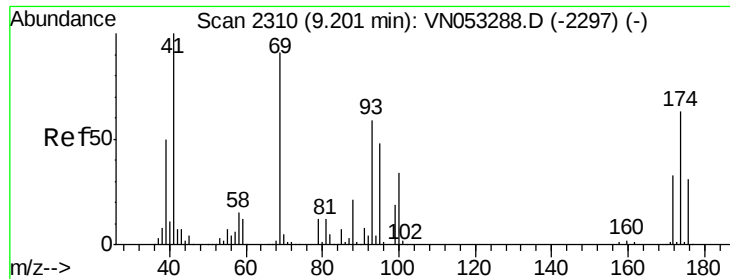


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

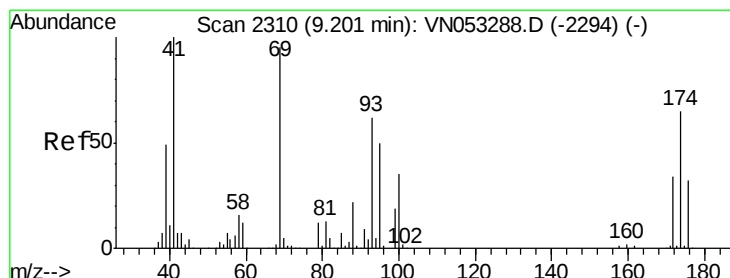
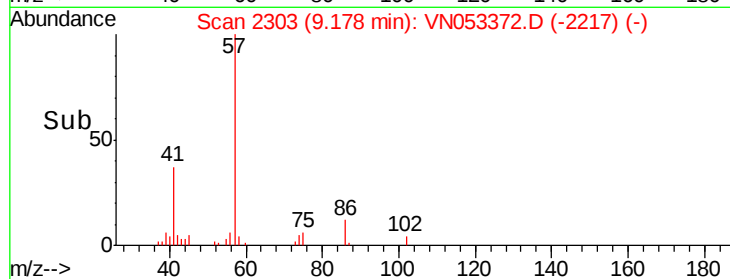
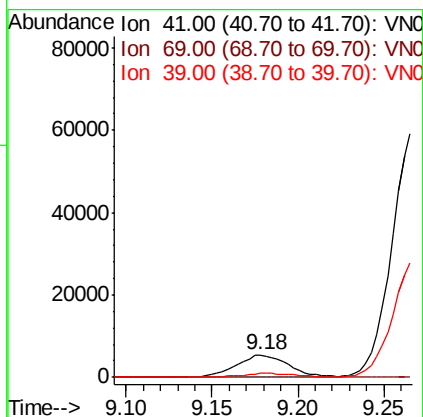
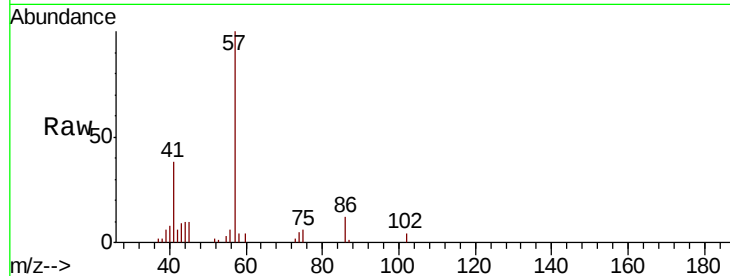
Ion 87.00 (86.70 to 87.70): V





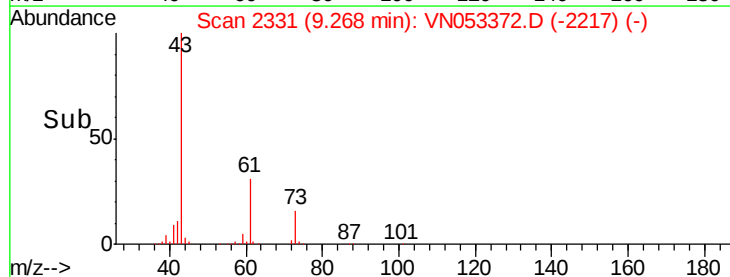
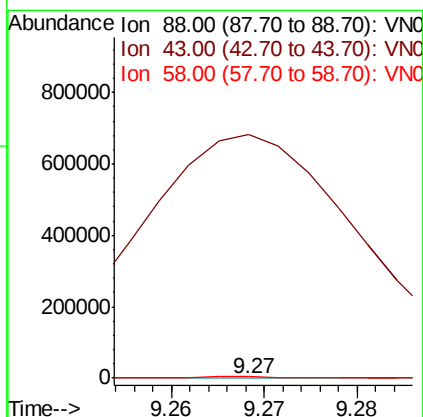
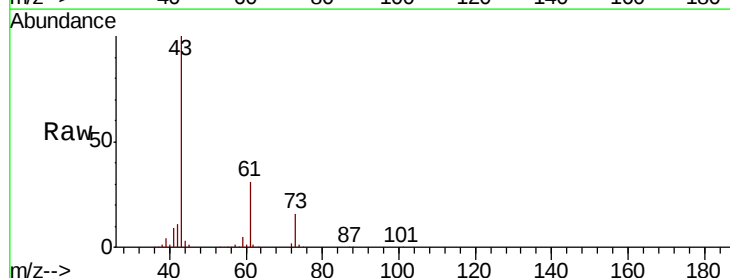
#48
Methyl methacrylate
Concen: 1.265 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

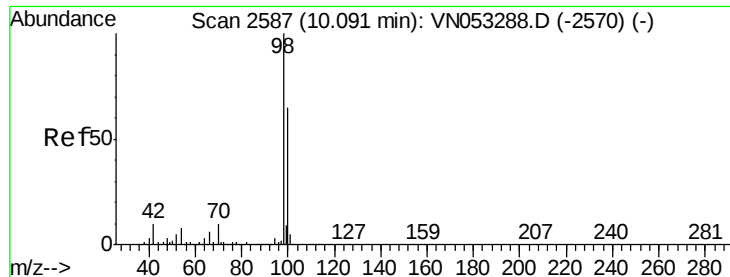
Tgt Ion: 41 Resp: 10831
Ion Ratio Lower Upper
41 100
69 0.0 73.5 110.3#
39 19.1 41.6 62.4#



#49
1,4-Dioxane
Concen: 0.724 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 1870150.0 26.2 39.4#
58 9387.9 55.5 83.3#





#50

Toluene-d8

Concen: 0.724 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053372.D

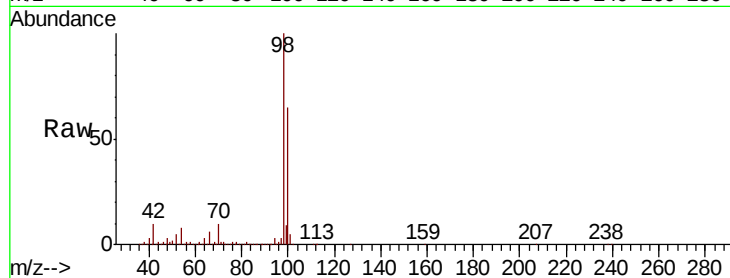
Acq: 11 Jan 2019 18:00

Tgt Ion: 98 Resp: 1970147

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053372.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053372.D (-2494) (-)

10.09

1200000

1000000

800000

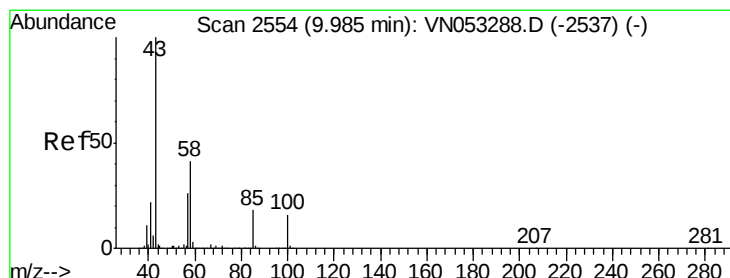
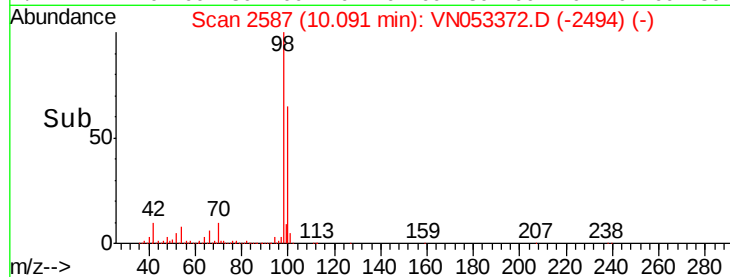
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN053372.D

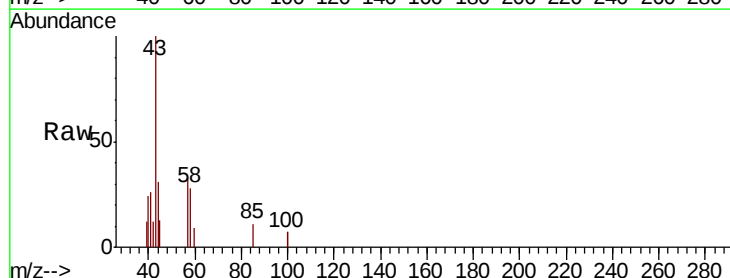
Acq: 11 Jan 2019 18:00

Tgt Ion: 43 Resp: 5764

Ion Ratio Lower Upper

43 100

58 41.2 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053372.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN053372.D (-2461) (-)

8000

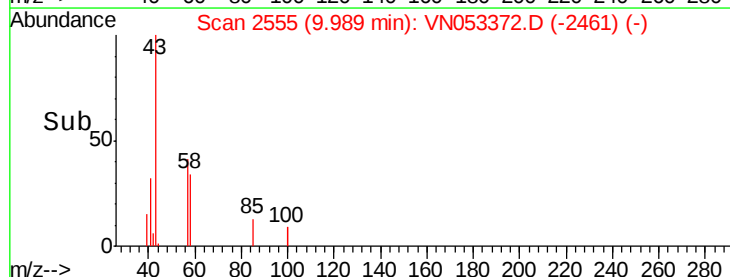
6000

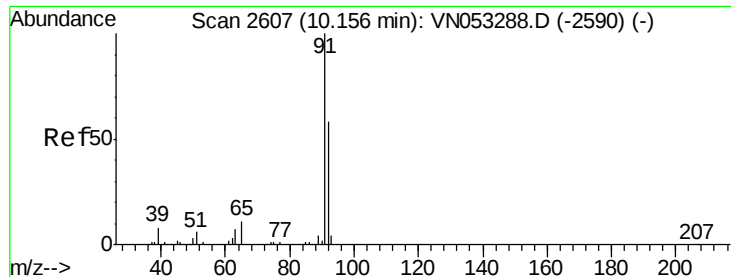
4000

2000

0

Time-->





#52

Toluene

Concen: 0.448 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN053372.D

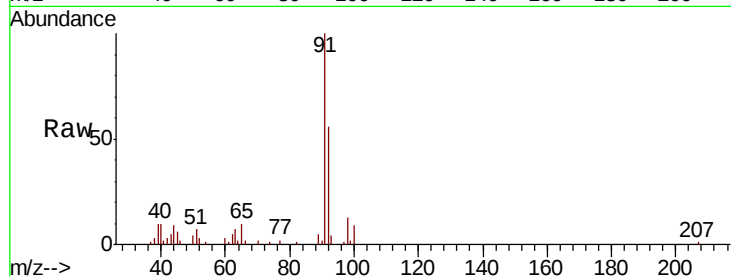
Acq: 11 Jan 2019 18:00

Tgt Ion: 92 Resp: 12342

Ion Ratio Lower Upper

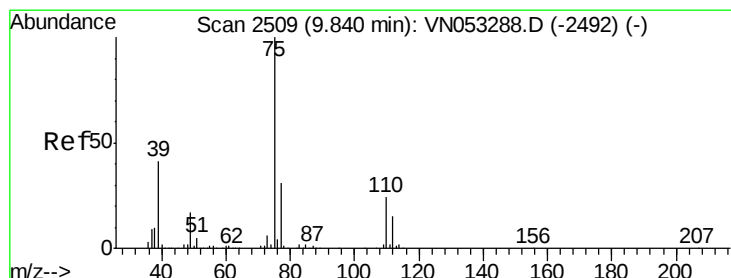
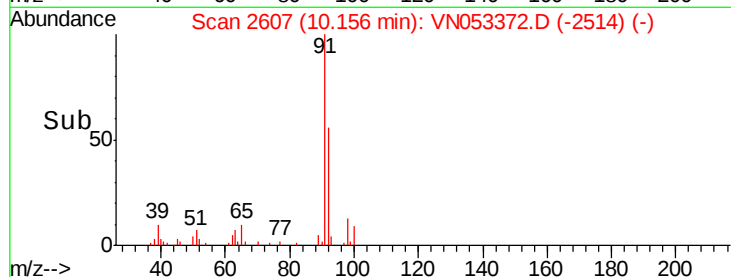
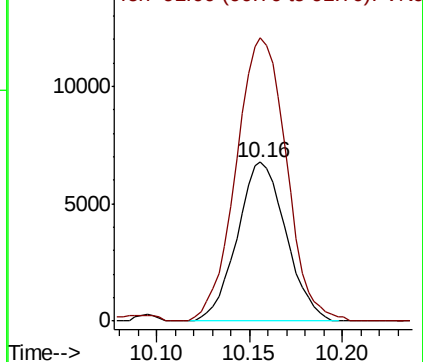
92 100

91 183.7 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.546 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

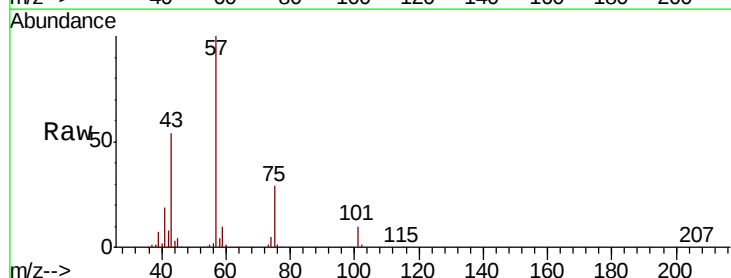
Tgt Ion: 75 Resp: 93858

Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

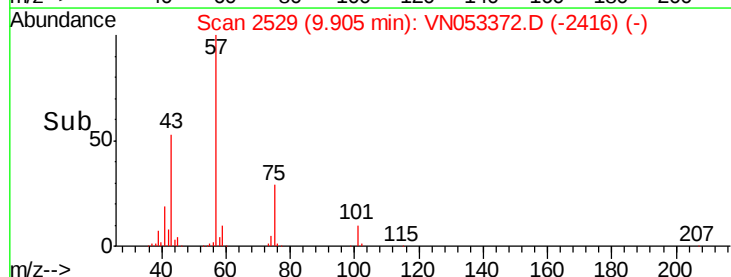
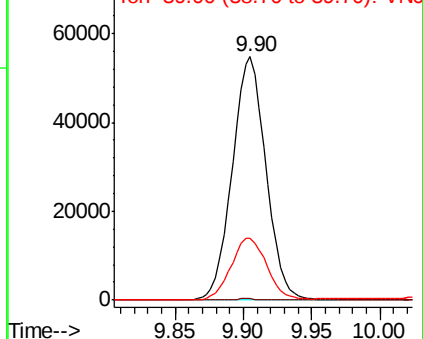
39 25.2 33.1 49.7#

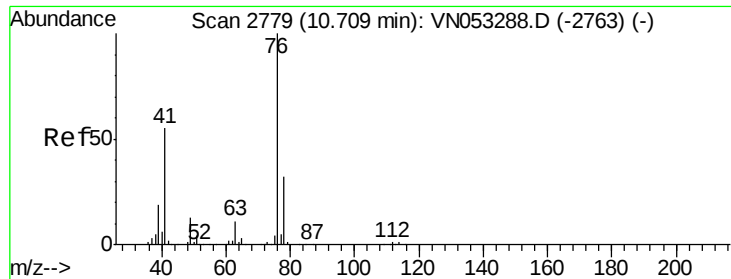


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

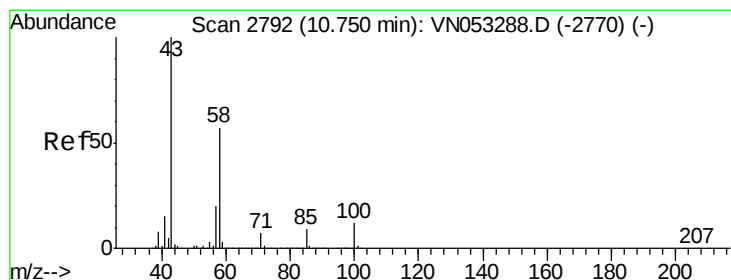
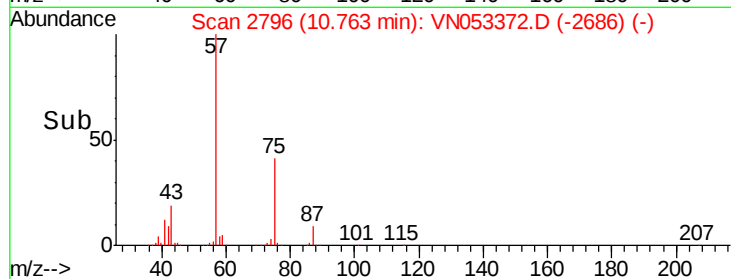
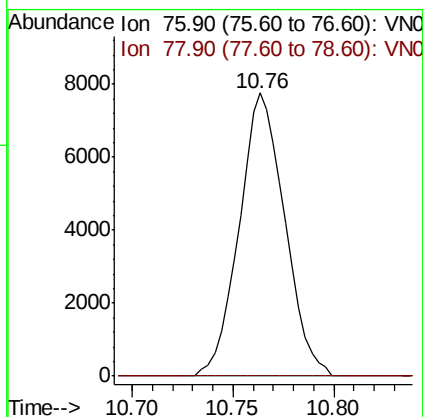
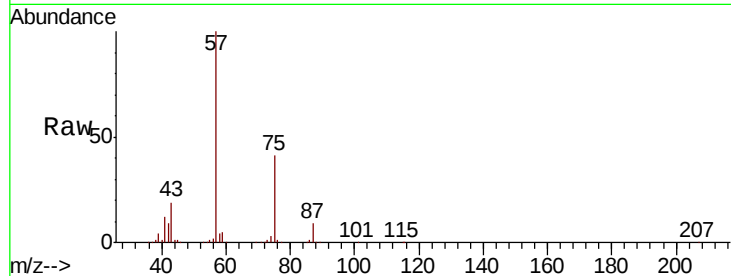
Ion 39.00 (38.70 to 39.70): VN0





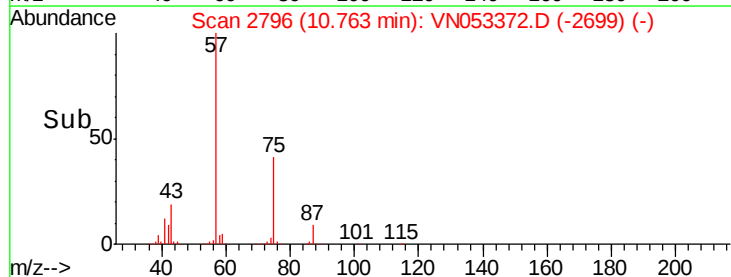
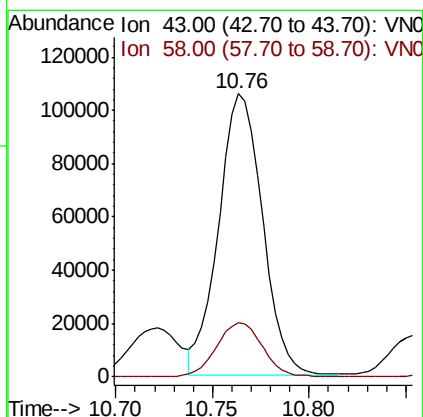
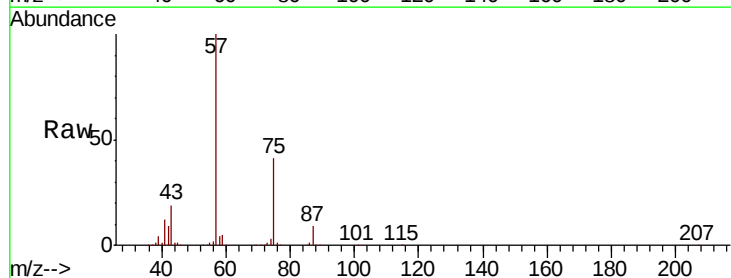
#57
 1,3-Dichloropropane
 Concen: 0.722 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.05 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

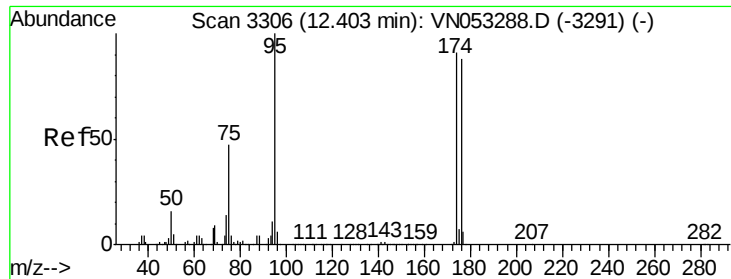
Tgt Ion: 76 Resp: 12230
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 25.731 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tgt Ion: 43 Resp: 167082
 Ion Ratio Lower Upper
 43 100
 58 20.3 28.3 85.0#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

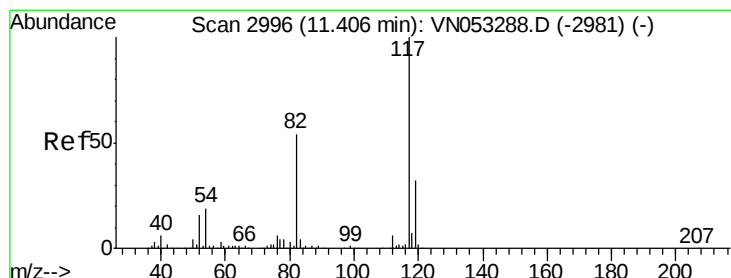
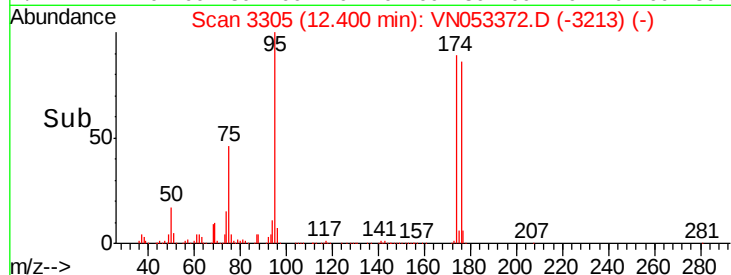
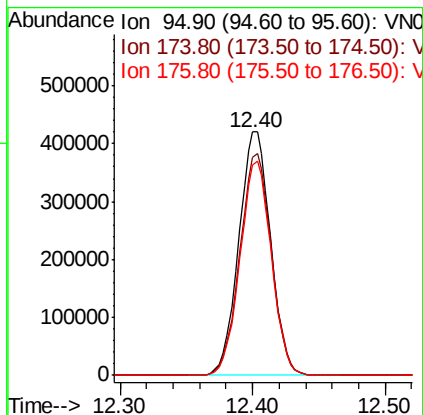
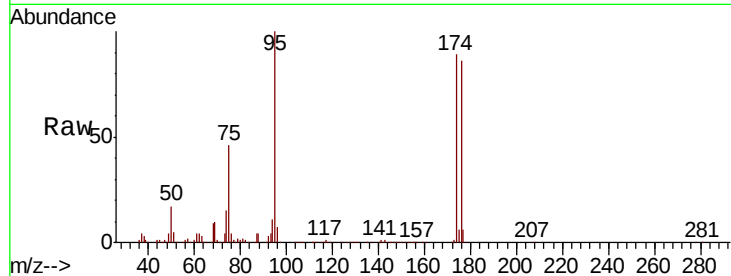
RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

Tgt Ion:	95	Resp:	696329
Ion	Ratio	Lower	Upper
95	100		
174	90.9	0.0	180.4
176	87.0	0.0	175.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

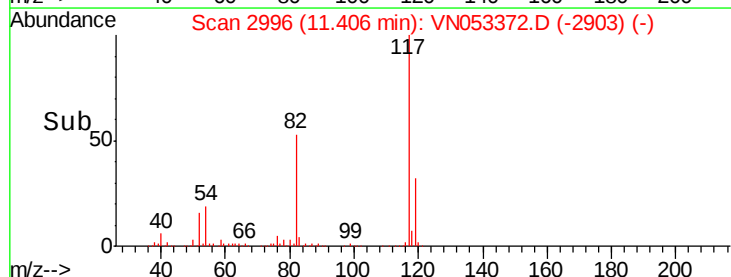
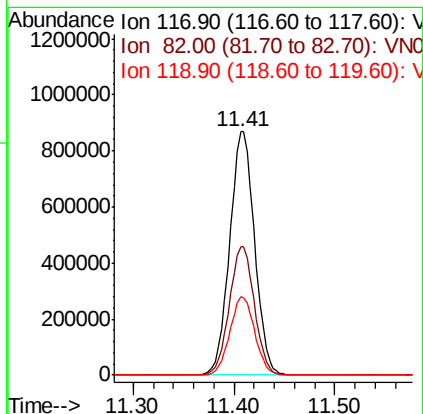
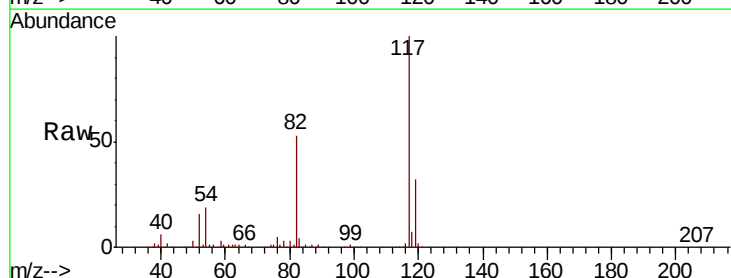
RT: 11.41 min Scan# 2996

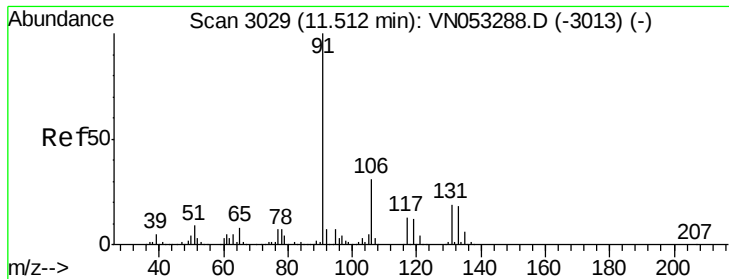
Delta R.T. 0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

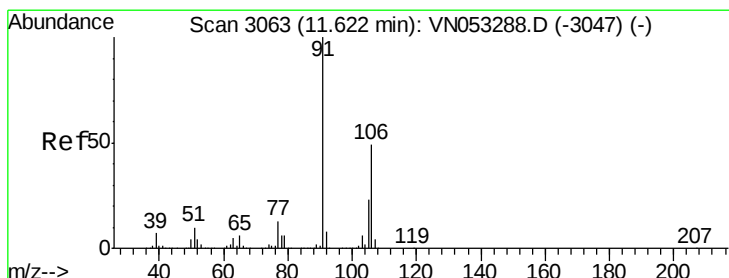
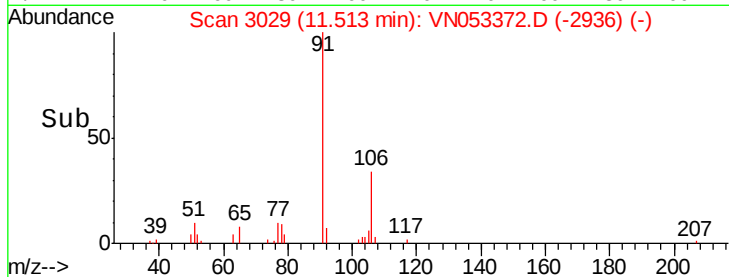
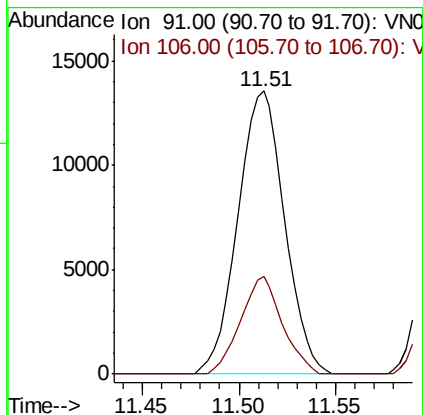
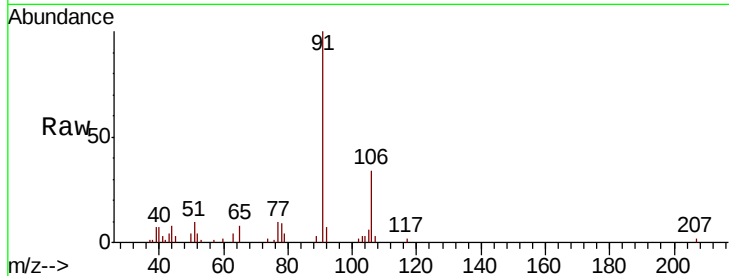
Tgt Ion:	117	Resp:	1496290
Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.0	25.6	38.4





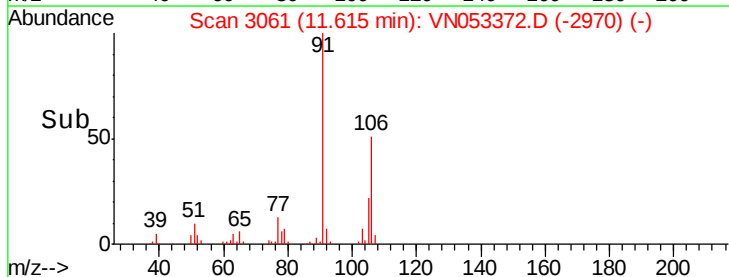
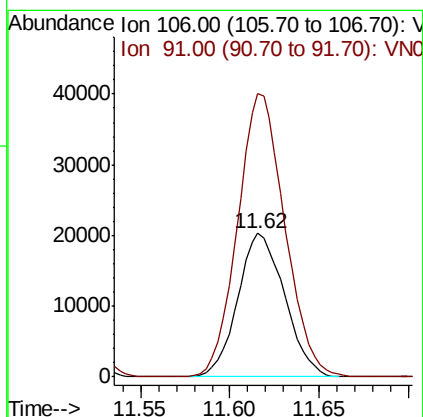
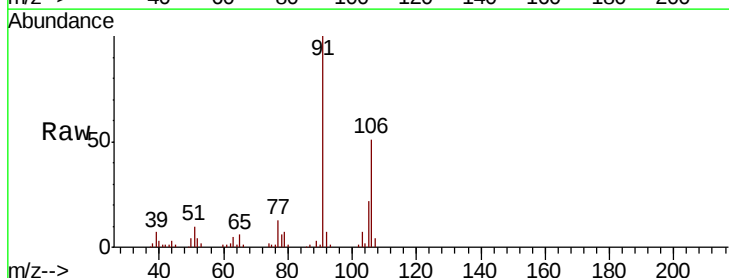
#67
Ethyl Benzene
Concen: 0.412 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

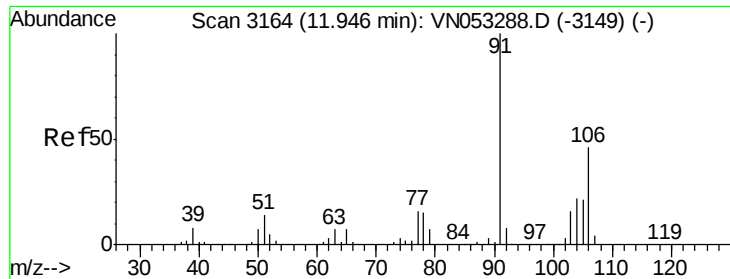
Tgt Ion: 91 Resp: 22744
Ion Ratio Lower Upper
91 100
106 34.4 25.0 37.4



#68
m/p-Xylenes
Concen: 1.793 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

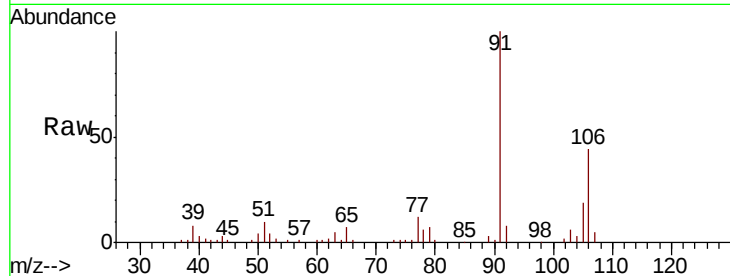
Tgt Ion: 106 Resp: 37234
Ion Ratio Lower Upper
106 100
91 198.2 161.4 242.2



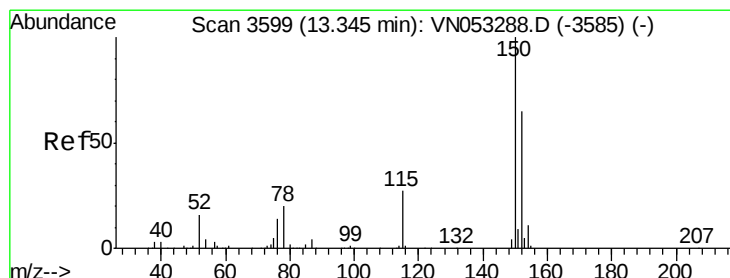
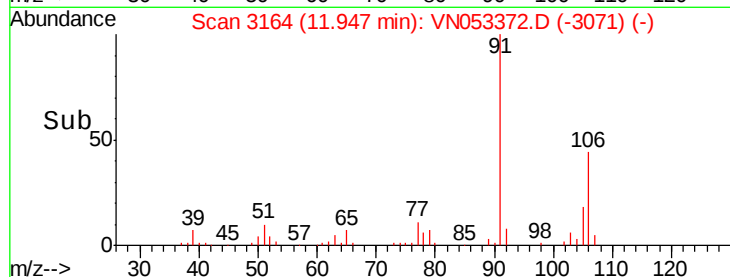
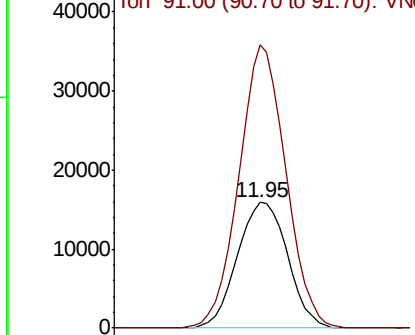


#69
o-Xylene
Concen: 1.362 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:106 Resp: 27694
Ion Ratio Lower Upper
106 100
91 210.4 106.8 320.4

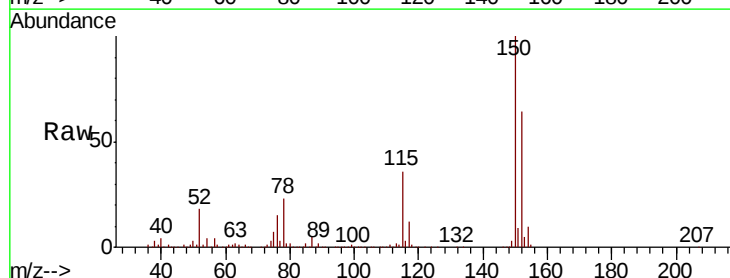


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

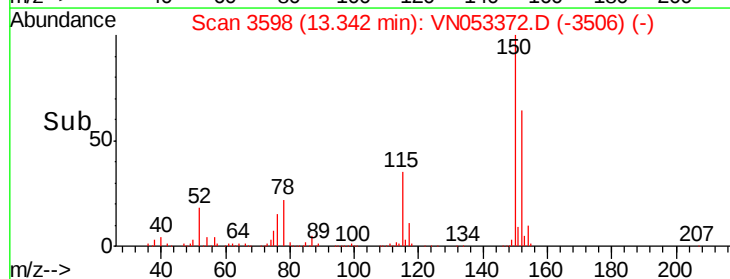
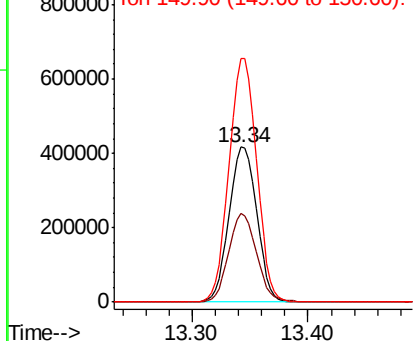


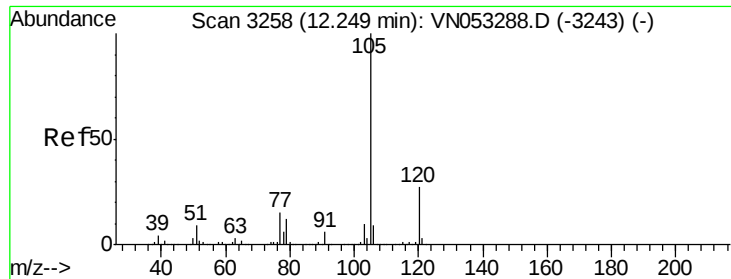
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:152 Resp: 688078
Ion Ratio Lower Upper
152 100
115 57.4 28.0 84.0
150 156.2 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.254 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053372.D

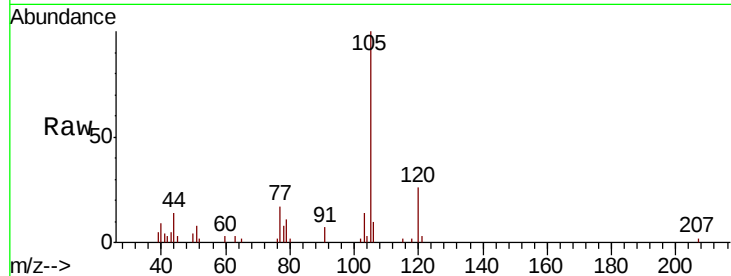
Acq: 11 Jan 2019 18:00

Tgt Ion: 105 Resp: 13015

Ion Ratio Lower Upper

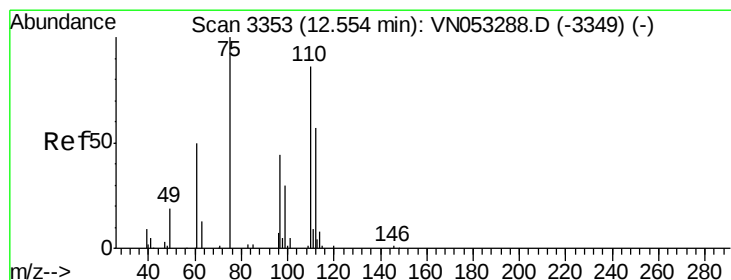
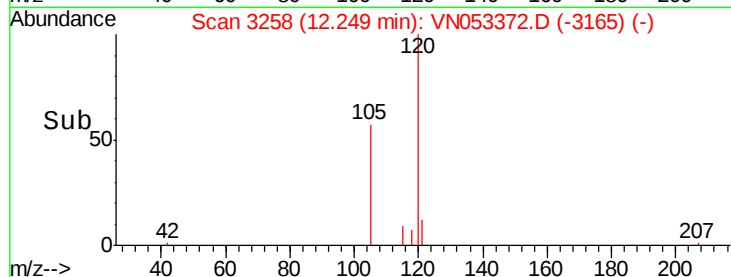
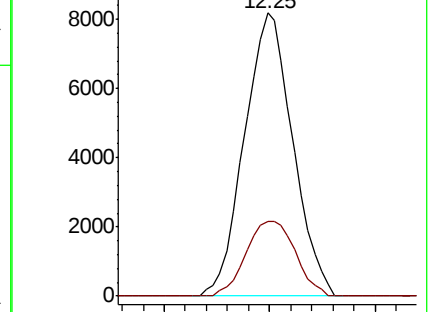
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 32.401 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053372.D

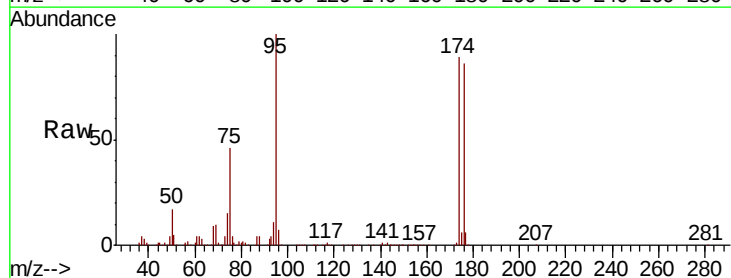
Acq: 11 Jan 2019 18:00

Tgt Ion: 75 Resp: 325174

Ion Ratio Lower Upper

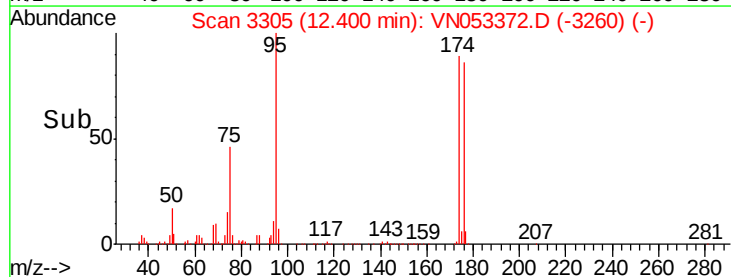
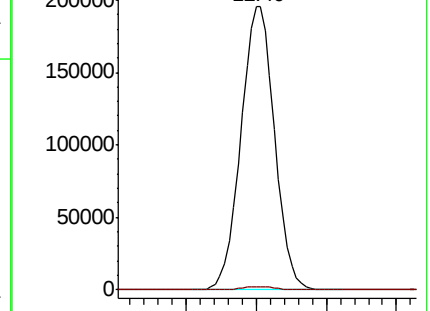
75 100

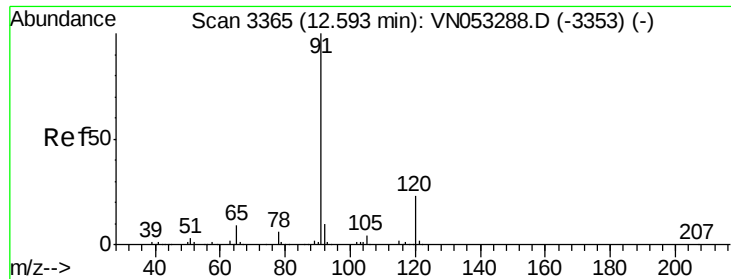
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

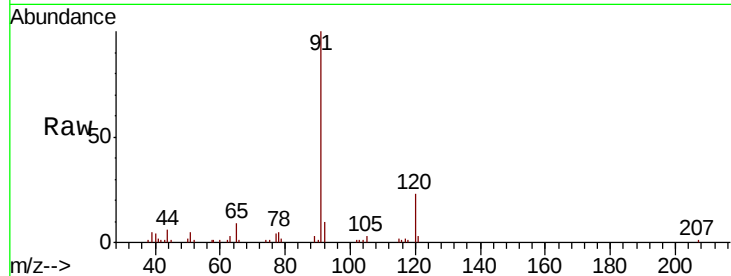
Ion 77.00 (76.70 to 77.70): V



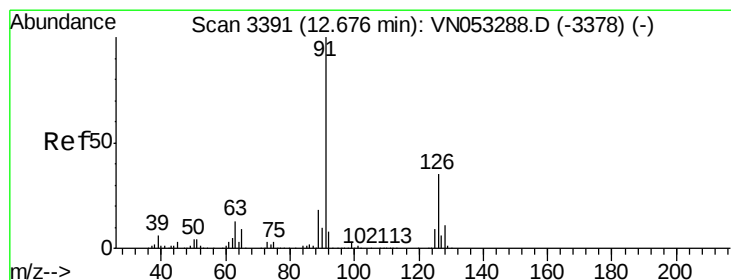
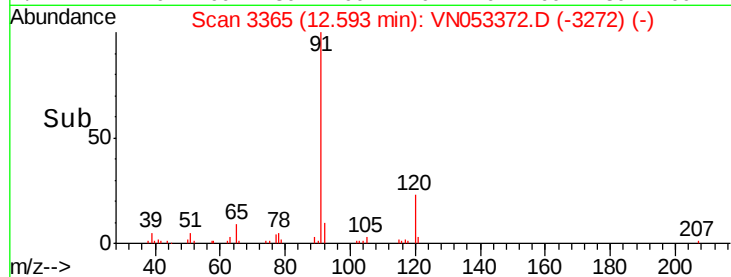
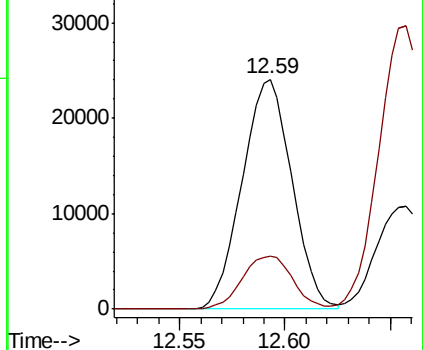


#78
n-propylbenzene
Concen: 0.682 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 91 Resp: 39548
Ion Ratio Lower Upper
91 100
120 23.6 11.5 34.5

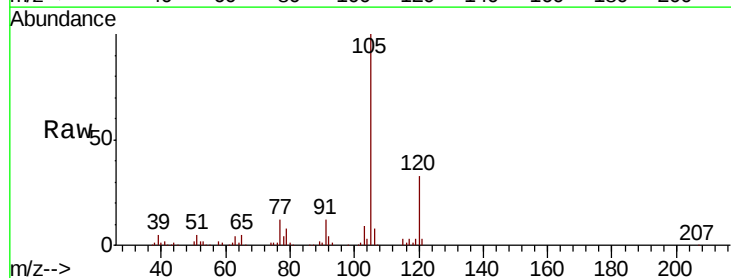


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

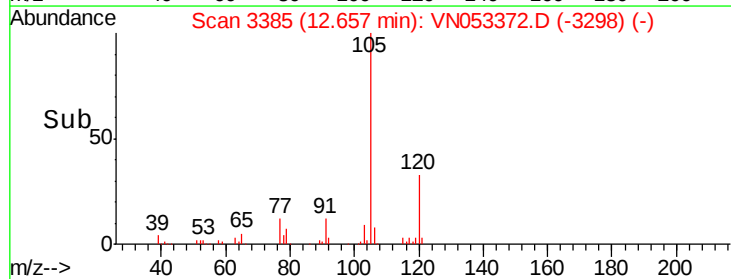
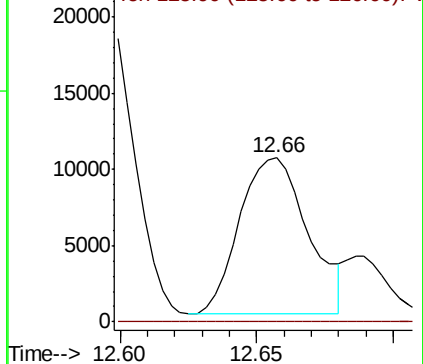


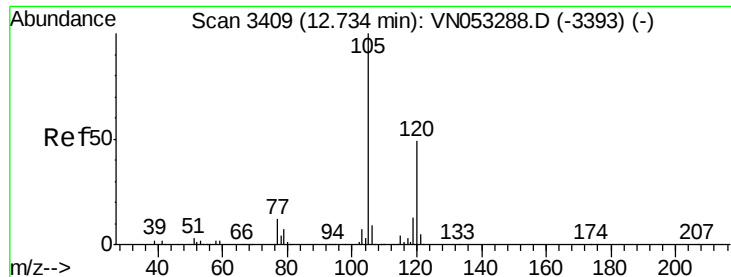
#79
2-Chlorotoluene
Concen: 0.511 ug/l
RT: 12.66 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion: 91 Resp: 17917
Ion Ratio Lower Upper
91 100
126 0.0 17.5 52.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.140 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053372.D

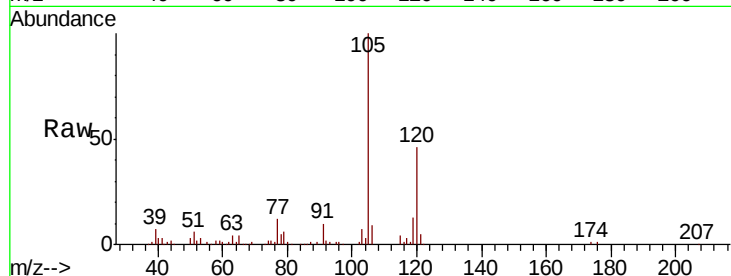
Acq: 11 Jan 2019 18:00

Tgt Ion: 105 Resp: 88328

Ion Ratio Lower Upper

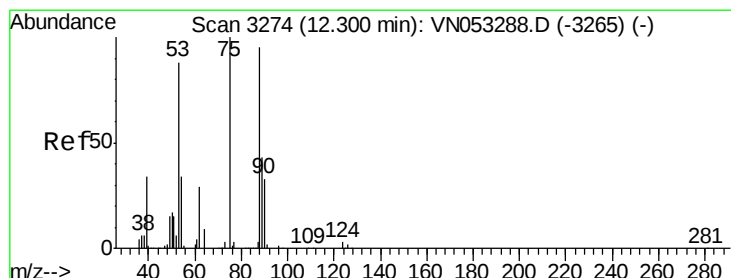
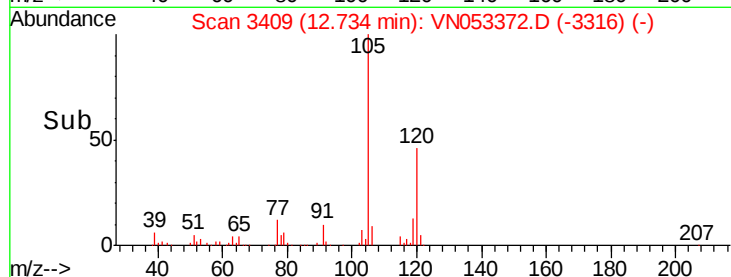
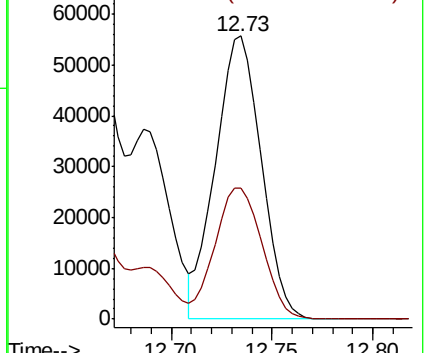
105 100

120 47.7 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 95.329 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

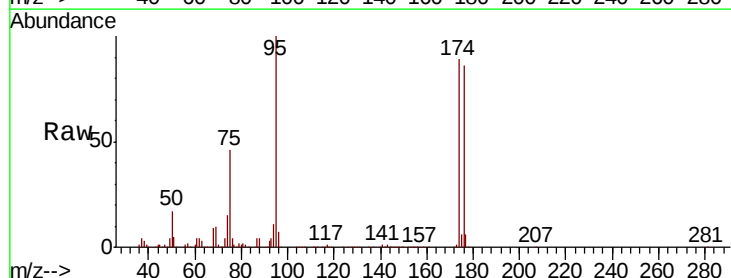
Tgt Ion: 75 Resp: 325174

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

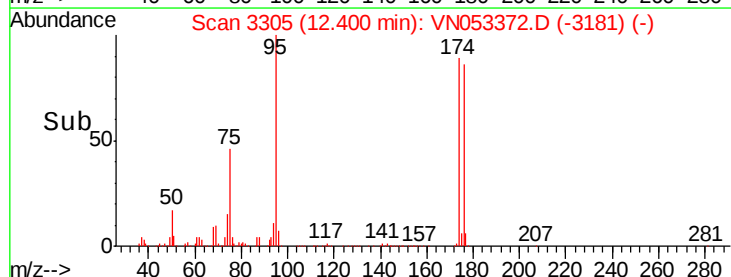
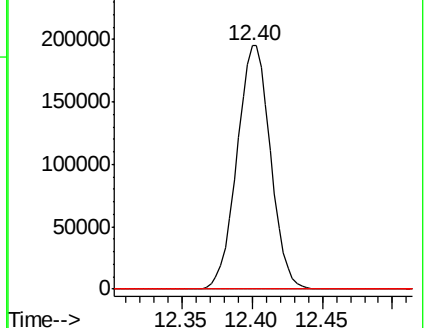
89 0.0 35.4 53.0#

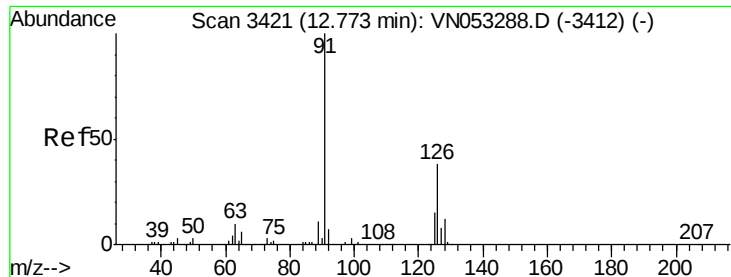


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#82

4-Chlorotoluene

Concen: 0.259 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053372.D

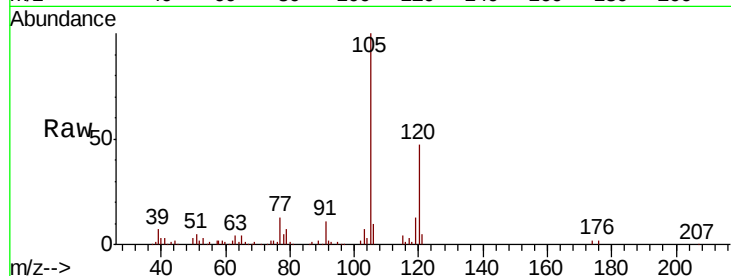
Acq: 11 Jan 2019 18:00

Tgt Ion: 91 Resp: 9303

Ion Ratio Lower Upper

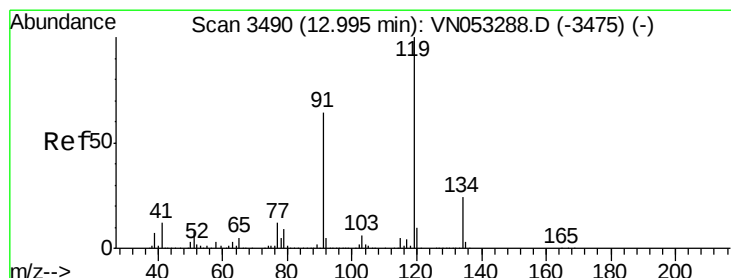
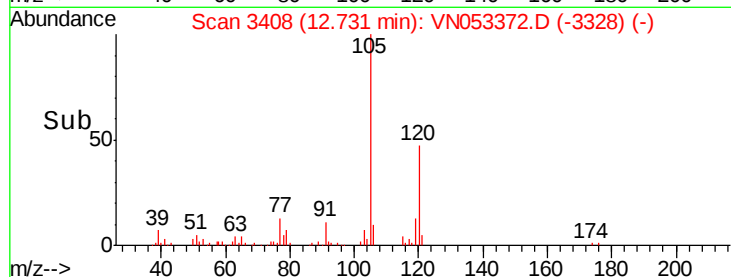
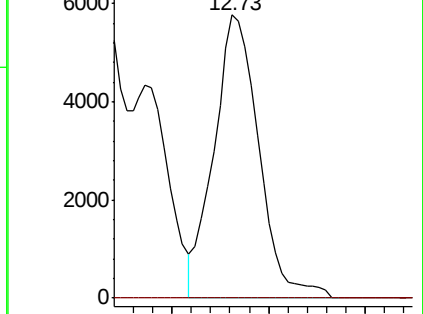
91 100

126 0.0 17.4 52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.289 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

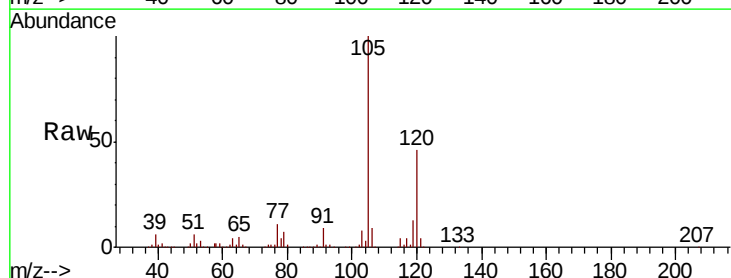
Tgt Ion: 119 Resp: 46654

Ion Ratio Lower Upper

119 100

91 76.6 31.6 95.0

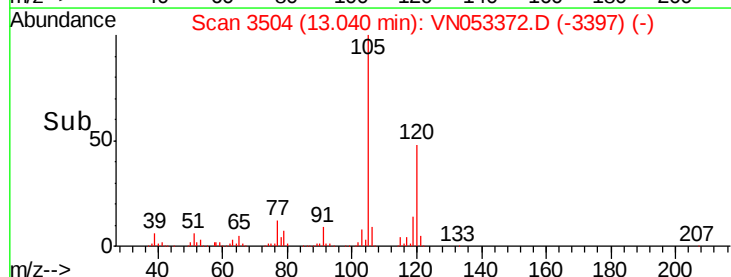
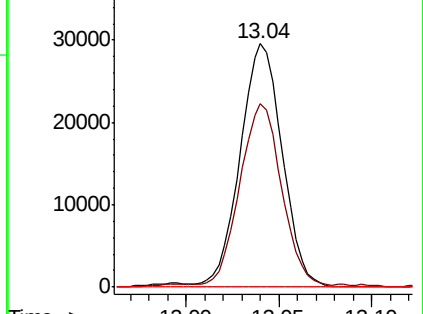
134 0.0 12.9 38.6#

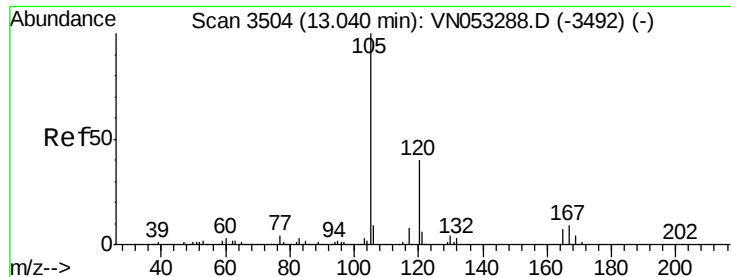


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

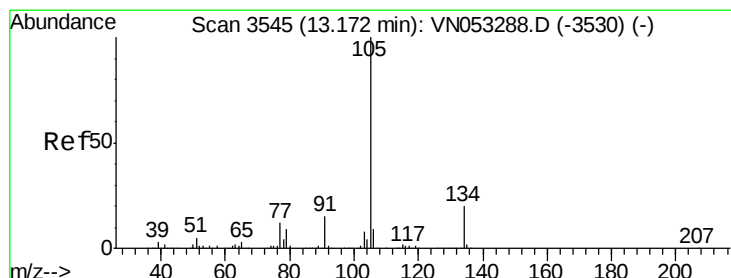
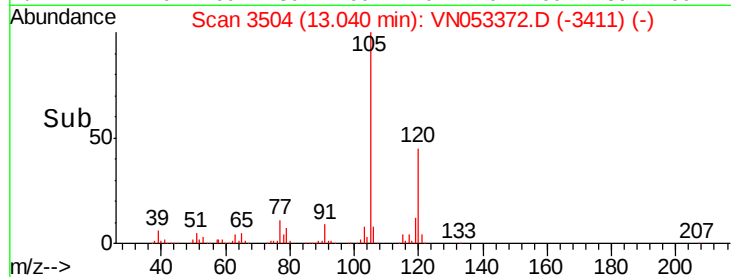
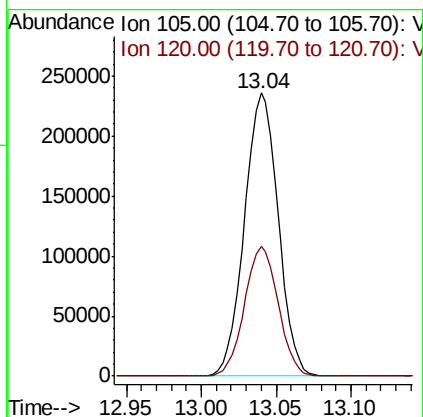
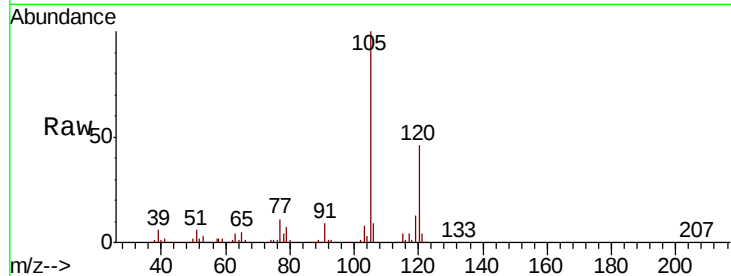
Ion 134.00 (133.70 to 134.70): V





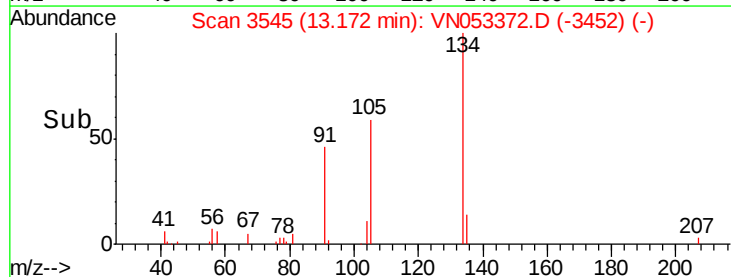
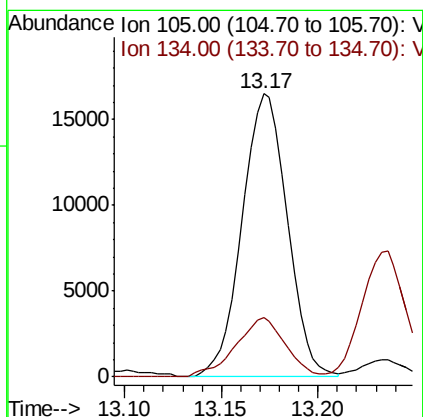
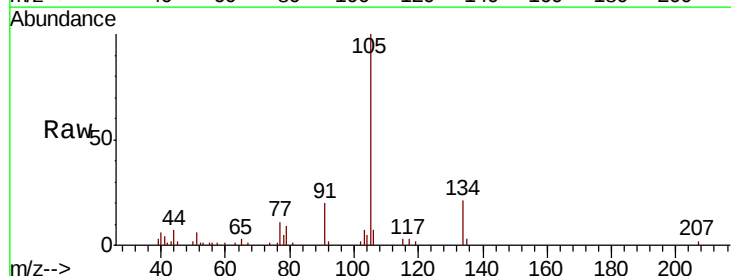
#84
 1,2,4-Trimethylbenzene
 Concen: 8.814 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

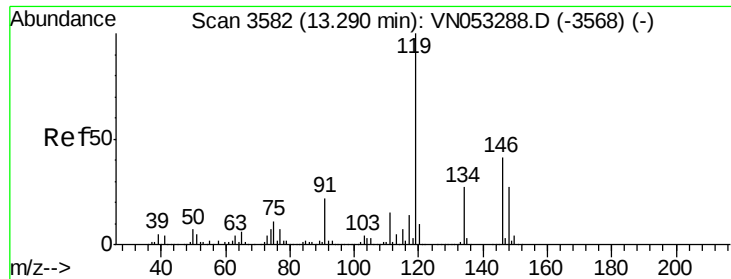
Tgt Ion:105 Resp: 370545
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 0.563 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

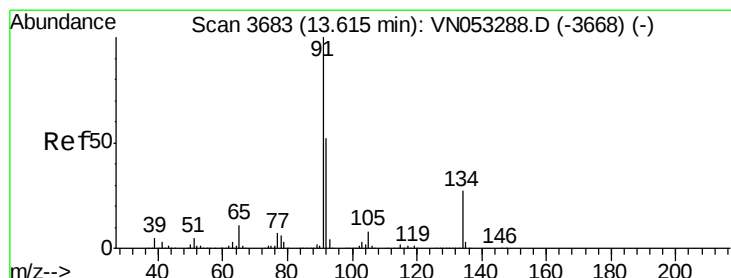
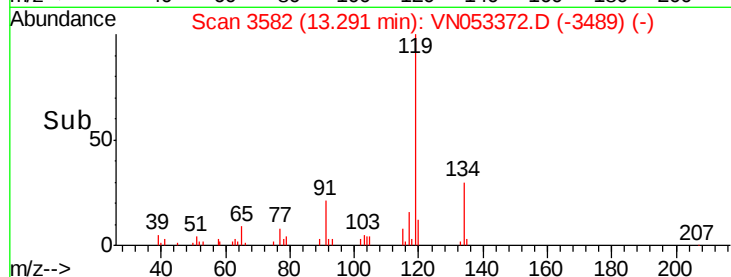
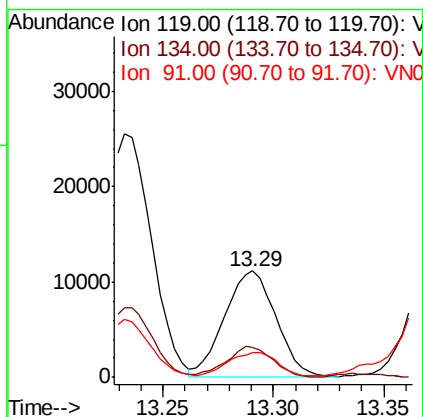
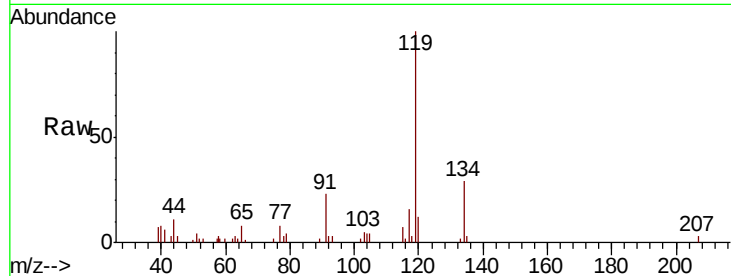
Tgt Ion:105 Resp: 26874
 Ion Ratio Lower Upper
 105 100
 134 22.8 10.2 30.6





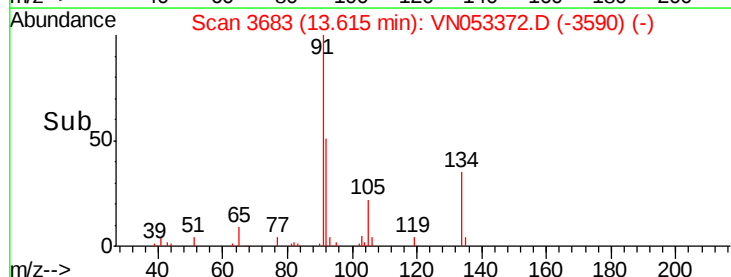
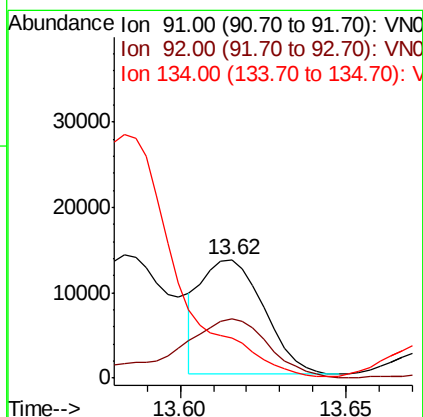
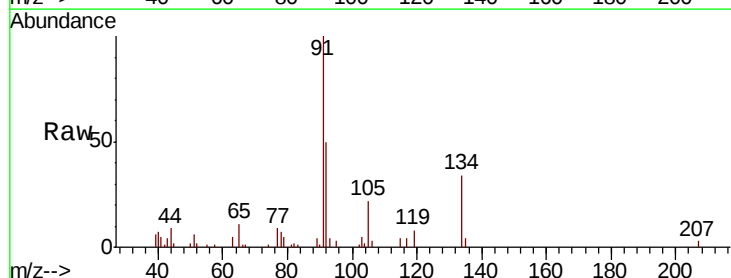
#86
 p-Isopropyltoluene
 Concen: 0.440 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

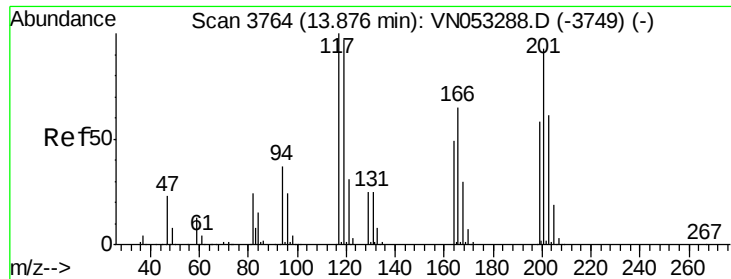
Tgt Ion: 119 Resp: 18183
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 20.5 11.1 33.1



#89
 n-Butylbenzene
 Concen: 0.509 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tgt Ion: 91 Resp: 17638
 Ion Ratio Lower Upper
 91 100
 92 79.0 26.3 78.8#
 134 0.0 13.5 40.5#





#90

Hexachloroethane

Concen: 1.851 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053372.D

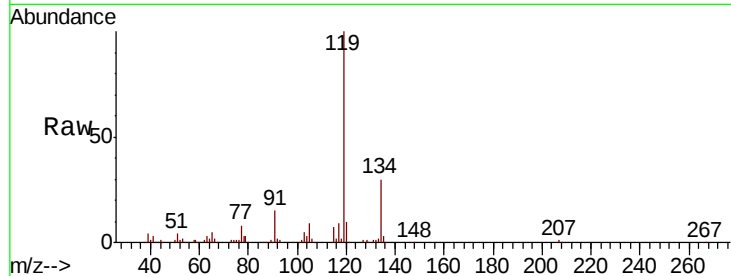
Acq: 11 Jan 2019 18:00

Tgt Ion: 117 Resp: 12267

Ion Ratio Lower Upper

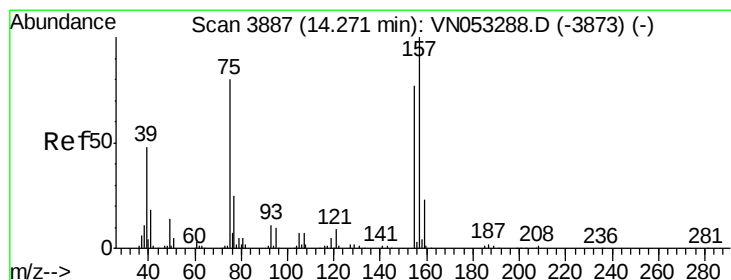
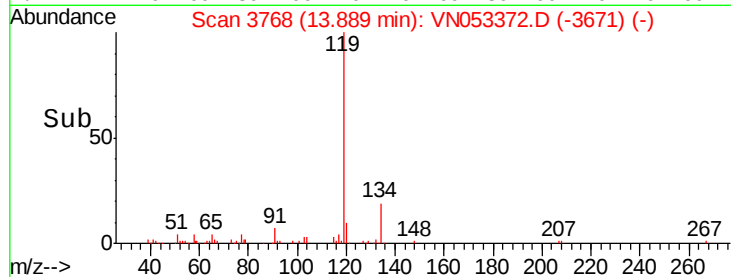
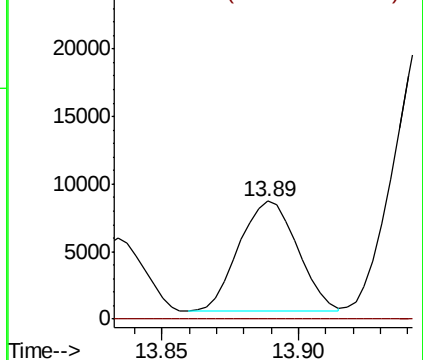
117 100

201 0.0 46.1 138.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.946 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. -0.03 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

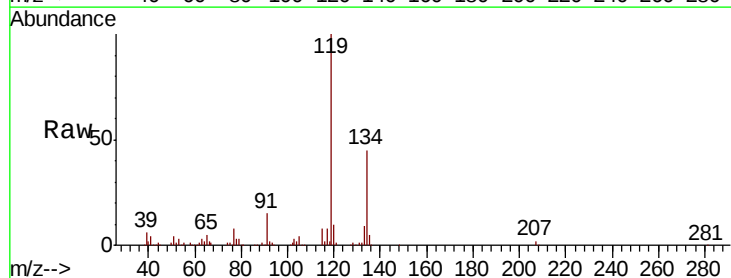
Tgt Ion: 75 Resp: 1352

Ion Ratio Lower Upper

75 100

155 0.0 48.1 144.3#

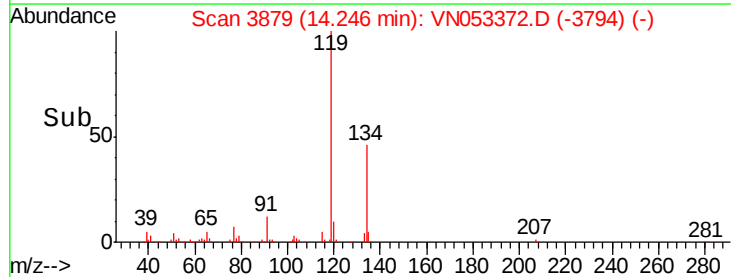
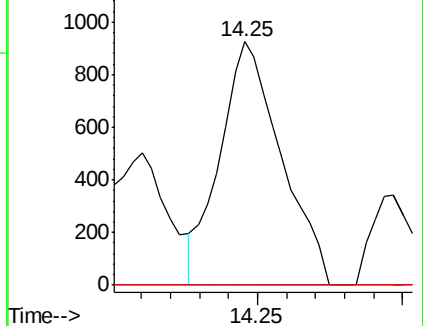
157 0.0 61.5 184.4#

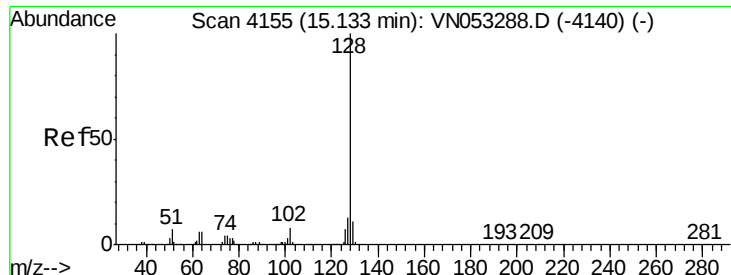


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 23.919 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:	128	Resp:	289369
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.7	13.1

