

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011119\
 Data File : VN053373.D
 Acq On : 11 Jan 2019 18:27
 Operator : JC/SP
 Sample : K1119-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Quant Time: Jan 12 00:42:42 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	1009605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1576378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1495593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	689279	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	506296	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
35) Dibromofluoromethane	7.59	113	444883	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1969159	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.40	95	700374	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	25626	1.688	ug/l #	25
16) Acetone	3.82	43	28438	9.096	ug/l	91
18) Methyl Acetate	4.33	43	2427	0.255	ug/l #	75
20) Methylene Chloride	4.55	84	698210	61.891	ug/l	99
25) 2-Butanone	6.84	43	1934	0.449	ug/l #	47
31) Cyclohexane	7.66	56	15818	0.691	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	64621	4.391	ug/l #	49
38) Carbon Tetrachloride	7.66	117	85745	6.312	ug/l #	16
43) Isopropyl Acetate	8.17	43	46107	2.445	ug/l #	79
48) Methyl methacrylate	9.18	41	12813	1.496	ug/l #	12
49) 1,4-Dioxane	9.27	88	106	1.161	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5820	0.614	ug/l	96
52) Toluene	10.16	92	6288	0.228	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	98122	5.794	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	16809	0.991	ug/l #	42
59) 2-Hexanone	10.76	43	220754	33.975	ug/l #	50
67) Ethyl Benzene	11.51	91	21573	0.391	ug/l	97
68) m/p-Xylenes	11.62	106	36051	1.737	ug/l	99
69) o-Xylene	11.95	106	27273	1.342	ug/l	96
71) Bromoform	12.40	173	4300	0.535	ug/l #	1
73) Isopropylbenzene	12.25	105	10961	0.214	ug/l	100
74) N-amyl acetate	11.88	43	20230	1.320	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	327632	32.589	ug/l #	100
78) n-propylbenzene	12.59	91	32403	0.558	ug/l	93
79) 2-Chlorotoluene	12.65	91	22371	0.637	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.73	105	86976	2.104	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	327632	95.882	ug/l #	14
82) 4-Chlorotoluene	12.73	91	8366	0.232	ug/l #	40
83) tert-Butylbenzene	13.04	119	38993	1.075	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.04	105	303950	7.217	ug/l	99
85) sec-Butylbenzene	13.17	105	16918	0.354	ug/l	90
86) p-Isopropyltoluene	13.29	119	12273	0.296	ug/l	98
89) n-Butylbenzene	13.62	91	13671	0.394	ug/l #	68
90) Hexachloroethane	13.89	117	8299	1.250	ug/l #	3

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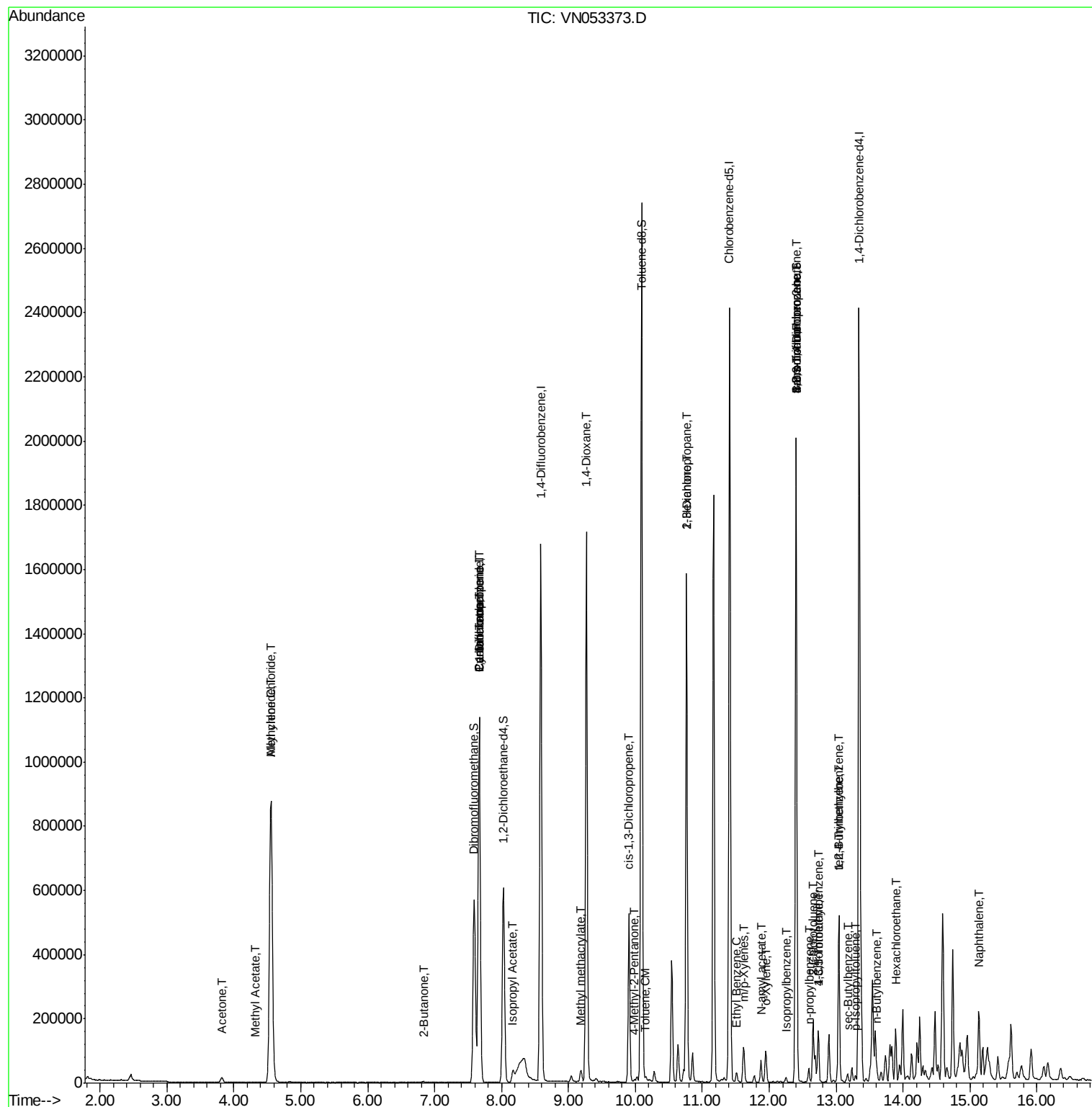
Quant Time: Jan 12 00:42:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 2019
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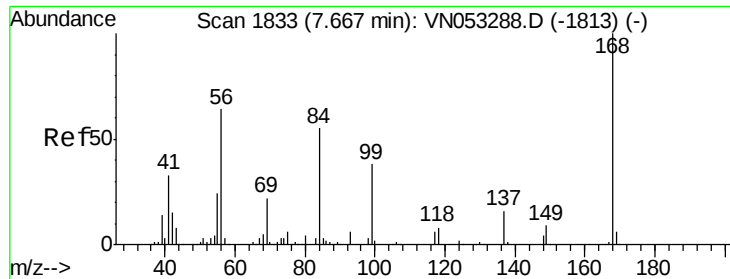
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
95) Naphthalene	15.13	128	186952	15.427	ug/l	100
-----	-----	-----	-----	-----	-----	-----

(#) = 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: VN053373.D

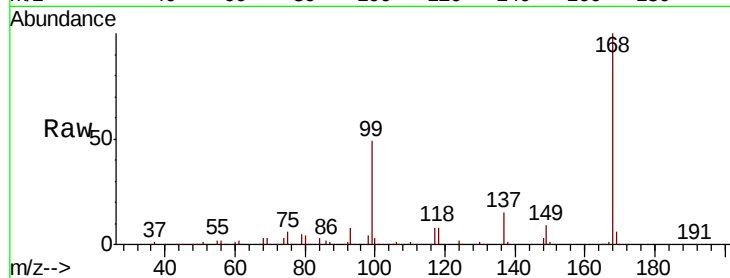
Acq: 11 Jan 2019 18:27

Tgt Ion: 168 Resp: 1009605

Ion Ratio Lower Upper

168 100

99 49.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

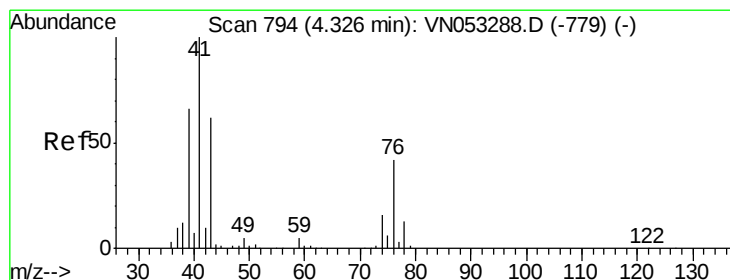
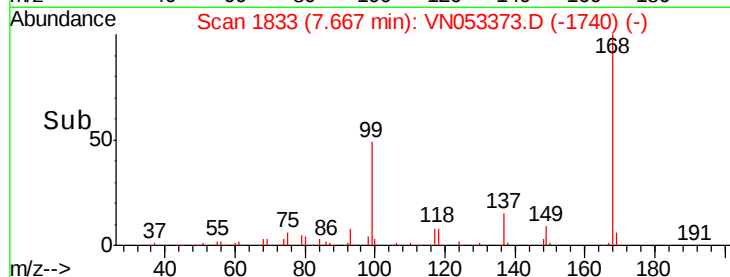
300000

200000

100000

0

Time-->



#14

Allyl chloride

Concen: 1.688 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.23 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

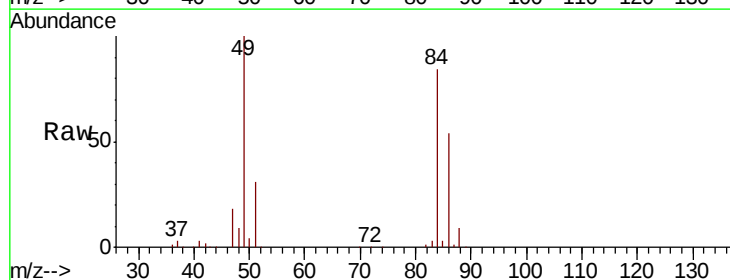
Tgt Ion: 41 Resp: 25626

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): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.55

10000

8000

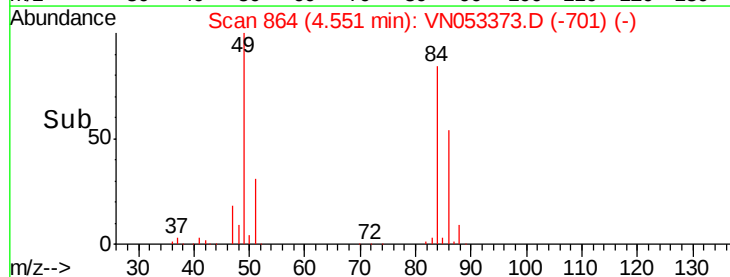
6000

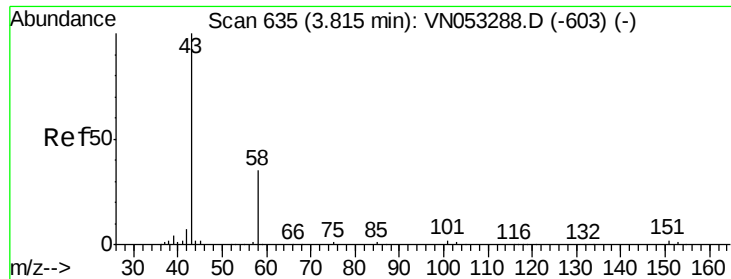
4000

2000

0

Time-->





#16

Acetone

Concen: 9.096 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053373.D

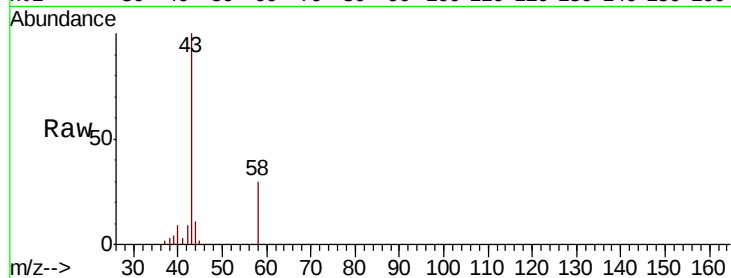
Acq: 11 Jan 2019 18:27

Tgt Ion: 43 Resp: 28438

Ion Ratio Lower Upper

43 100

58 29.6 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

12000

10000

8000

6000

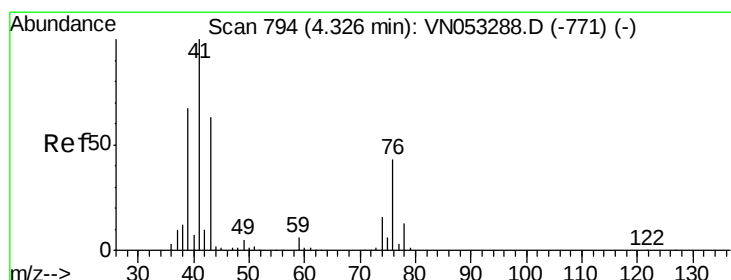
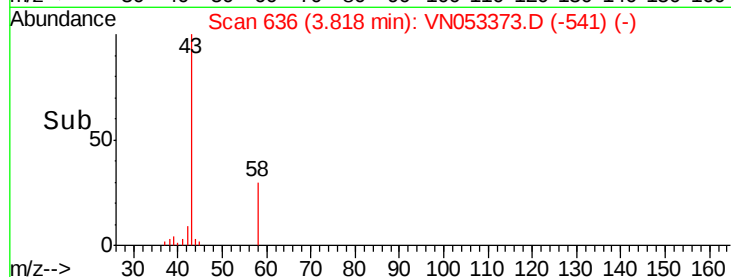
4000

2000

0

3.70 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 0.255 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053373.D

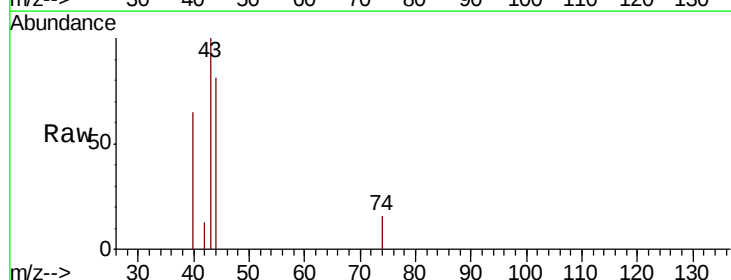
Acq: 11 Jan 2019 18:27

Tgt Ion: 43 Resp: 2427

Ion Ratio Lower Upper

43 100

74 12.1 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN053288.D (-771) (-)

1500

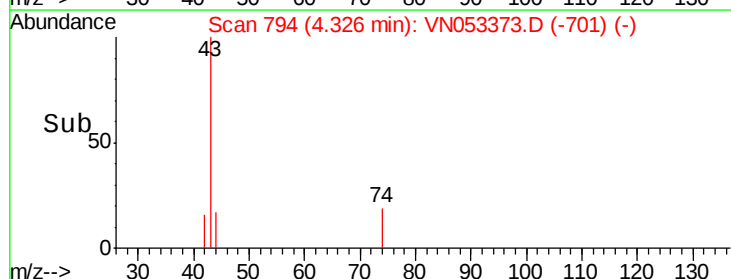
1000

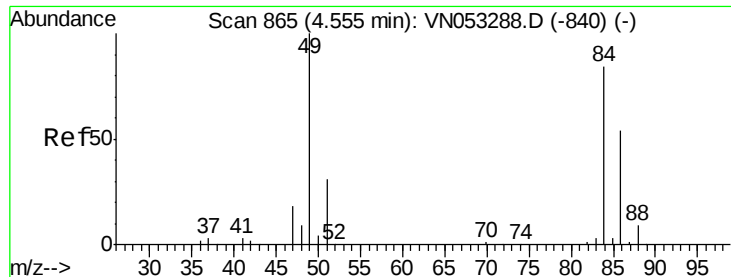
500

0

4.30 4.35

Time-->

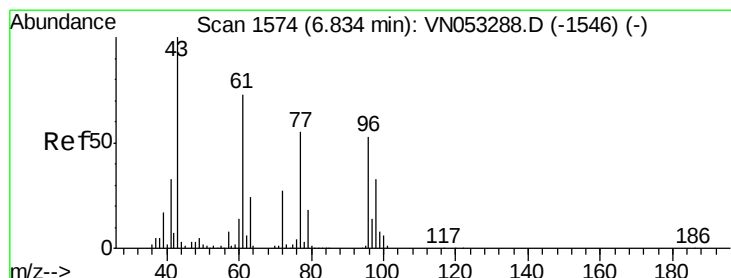
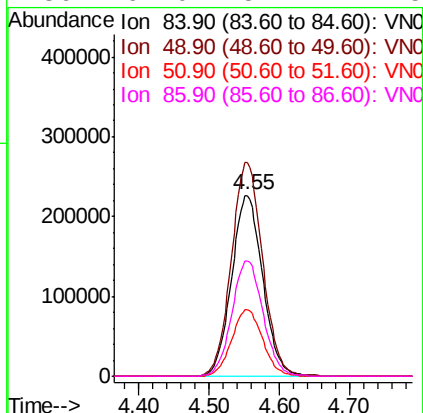
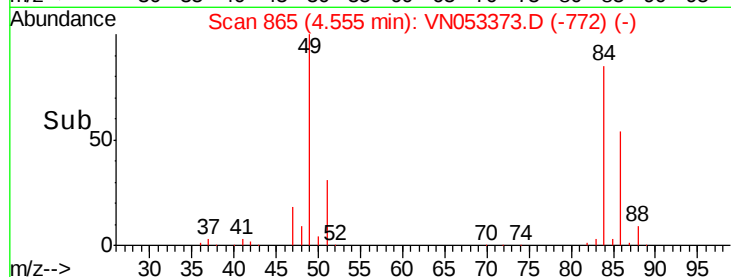
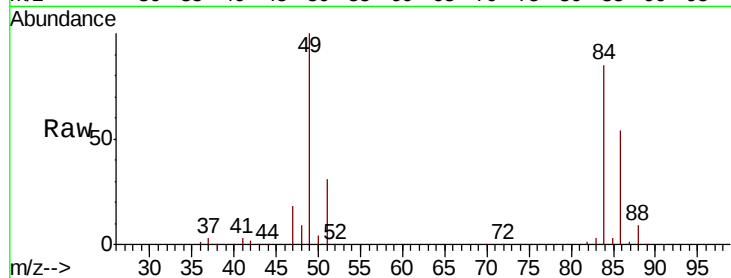




#20
Methylene Chloride
Concen: 61.891 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 84 Resp: 698210

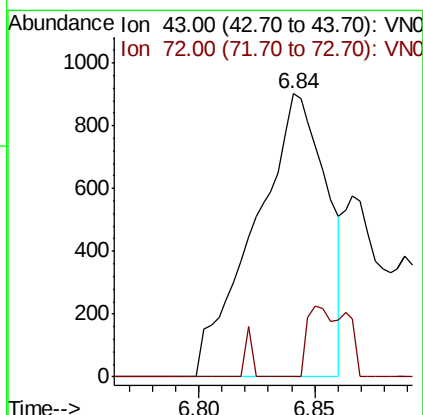
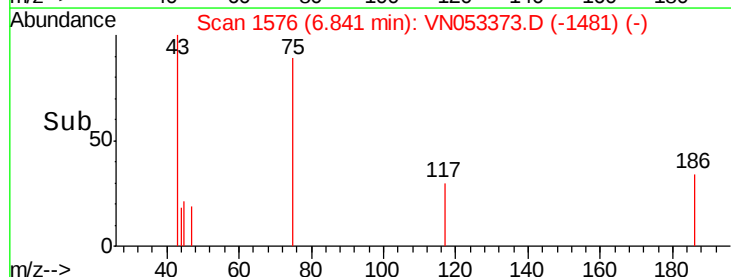
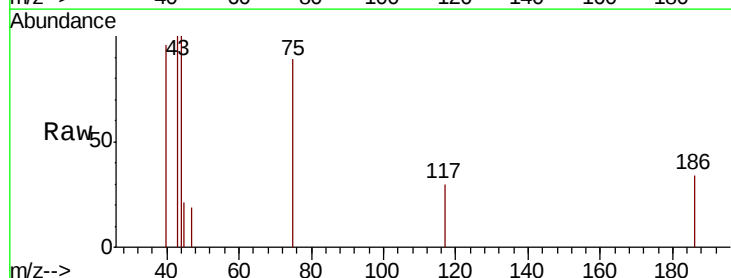
Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.3	142.9
51	37.0	29.0	43.6
86	64.0	51.7	77.5

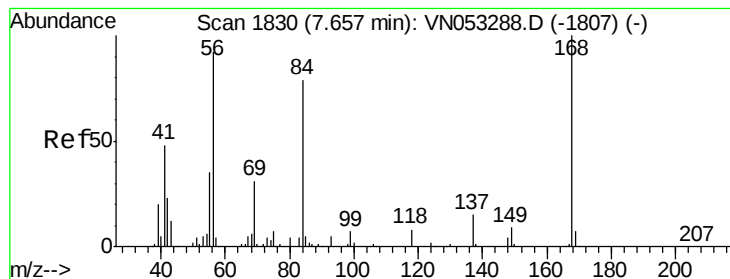


#25
2-Butanone
Concen: 0.449 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 43 Resp: 1934

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#





#31

Cyclohexane

Concen: 0.691 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

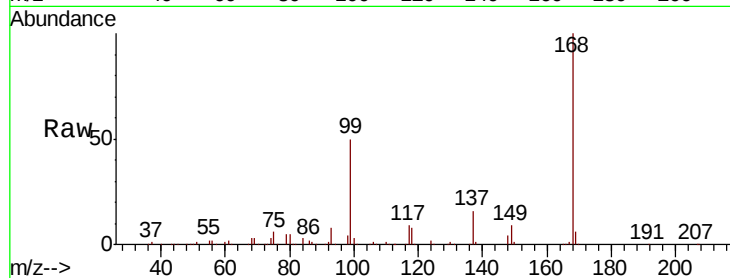
Tgt Ion: 56 Resp: 15818

Ion Ratio Lower Upper

56 100

69 189.6 26.7 40.1#

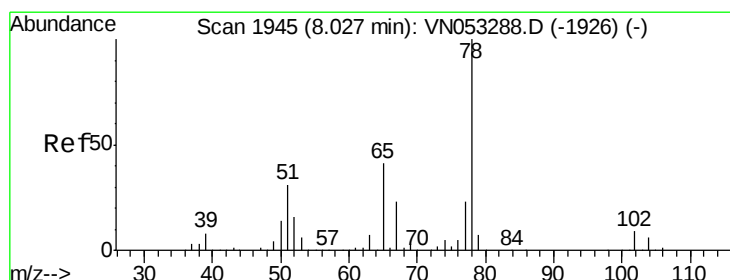
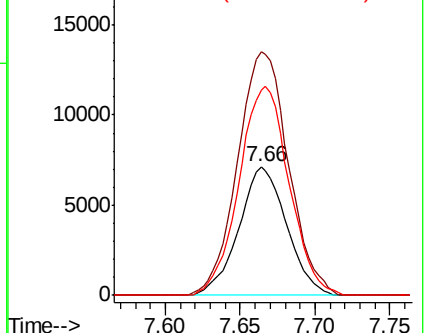
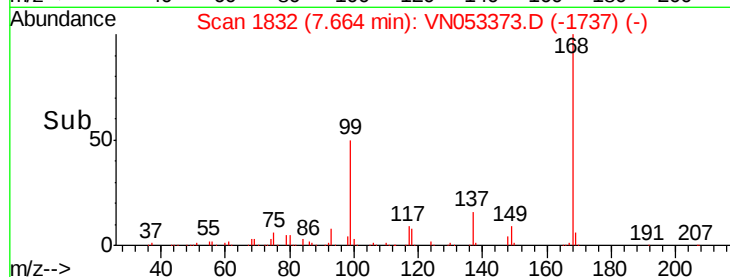
84 159.9 68.2 102.4#



Abundance Ion 56.00 (55.70 to 56.70): VN053373.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN053373.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN053373.D (-1737) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053373.D

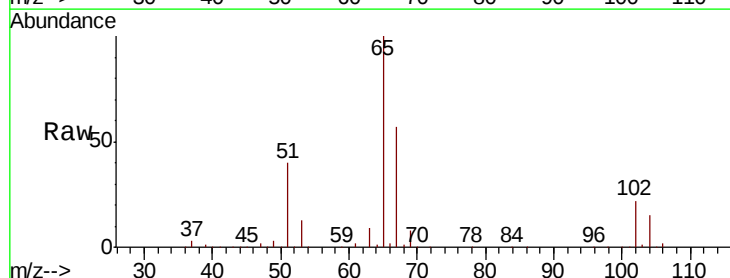
Acq: 11 Jan 2019 18:27

Tgt Ion: 65 Resp: 506296

Ion Ratio Lower Upper

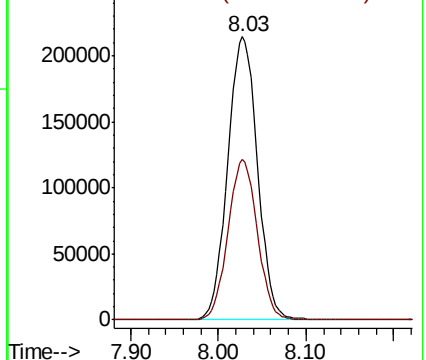
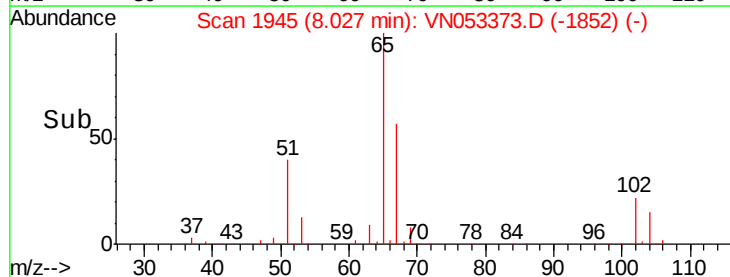
65 100

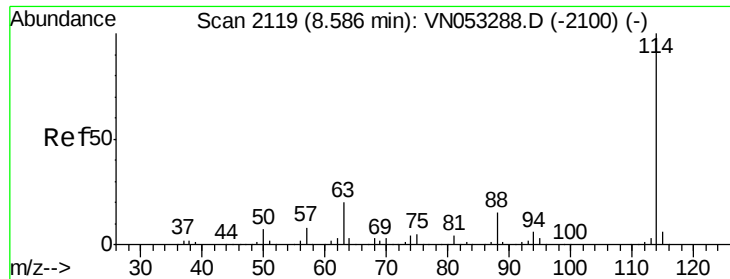
67 55.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN053373.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN053373.D (-1852) (-)

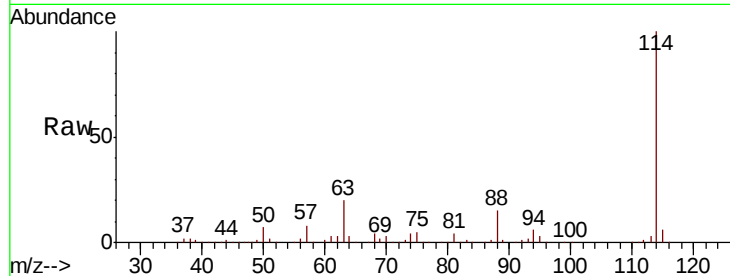




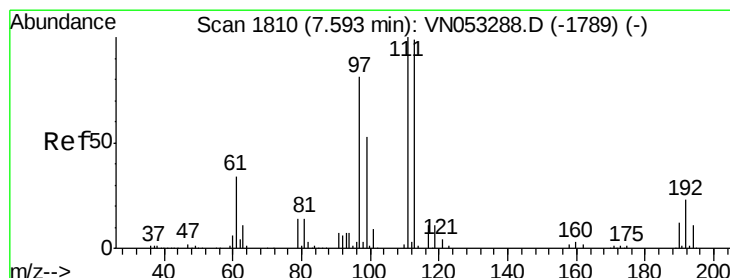
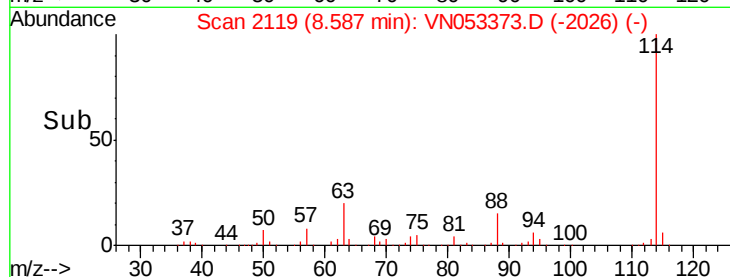
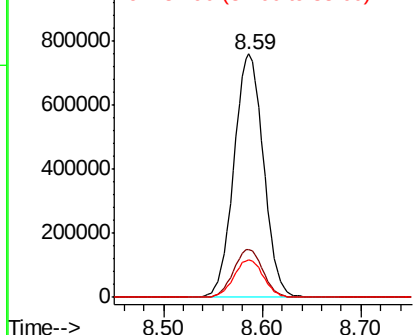
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion:114 Resp: 1576378

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.3	0.0	30.8



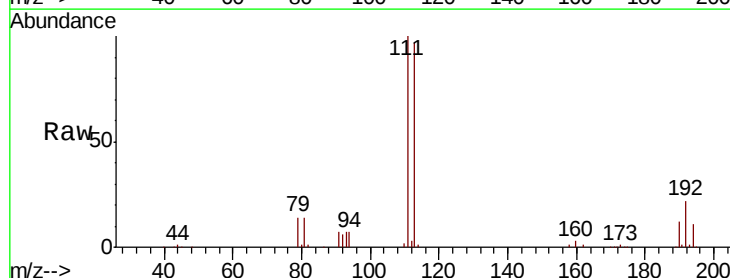
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



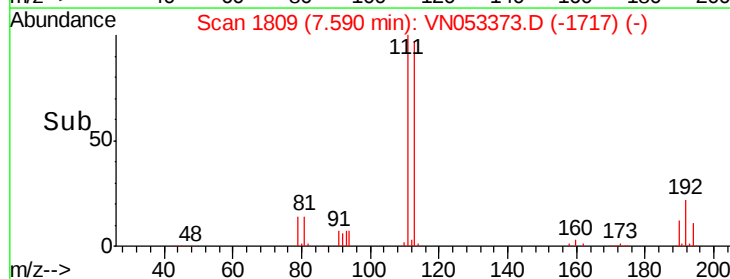
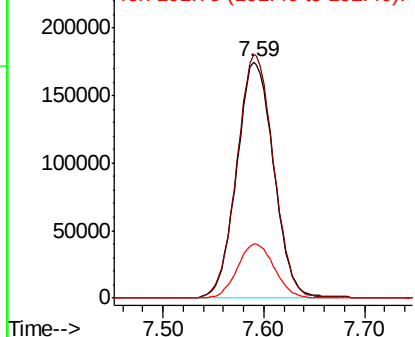
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

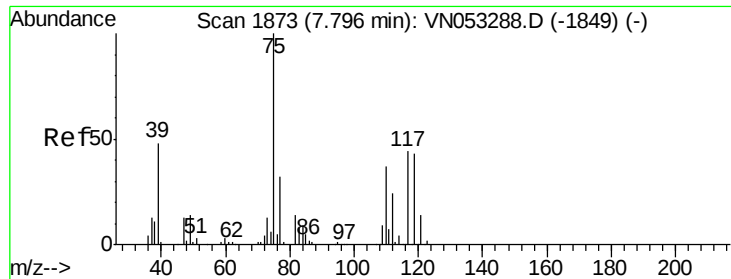
Tgt Ion:113 Resp: 444883

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.9	17.9	26.9



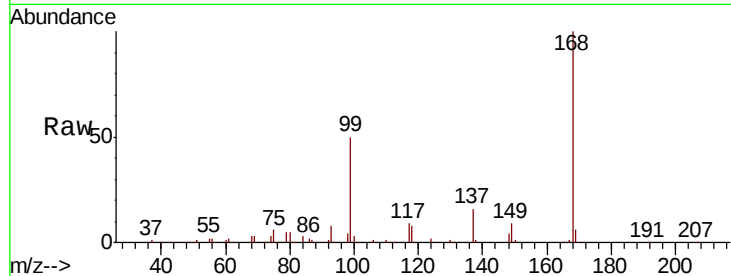
Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



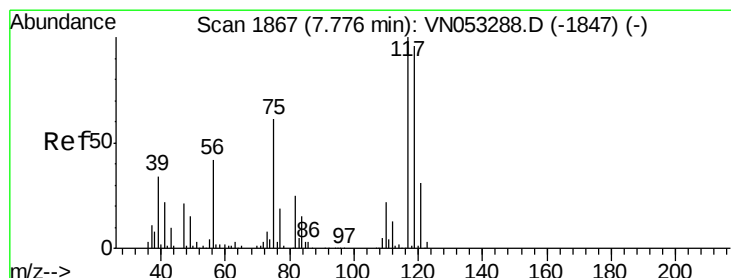
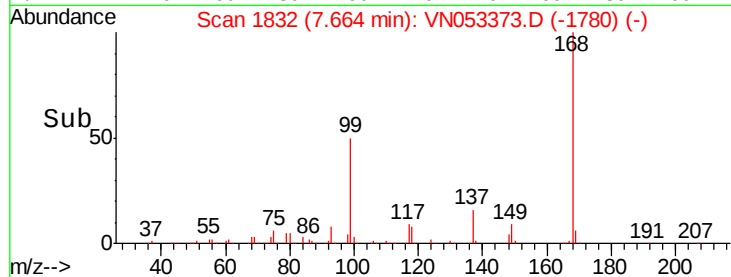
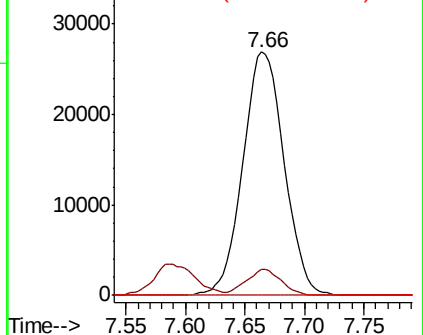


#36
 1,1-Dichloropropene
 Concen: 4.391 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion: 75 Resp: 64621
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.4 55.0#
 77 0.0 25.3 37.9#

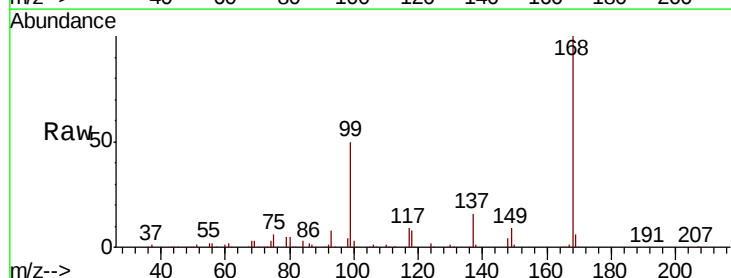


Abundance Ion 74.90 (74.60 to 75.60): VN053373.D (-1780) (-)
 Ion 109.90 (109.60 to 110.60): VN053373.D (-1780) (-)
 Ion 76.90 (76.60 to 77.60): VN053373.D (-1780) (-)

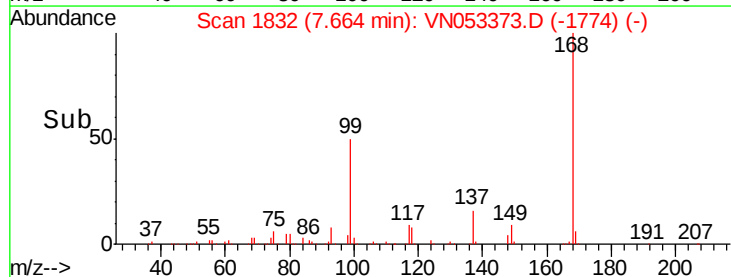
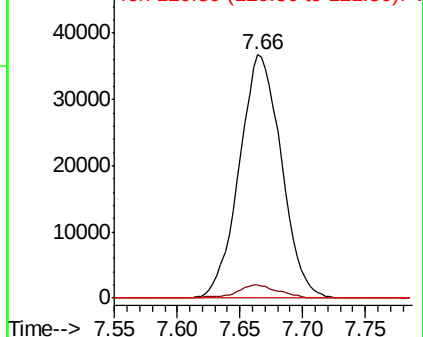


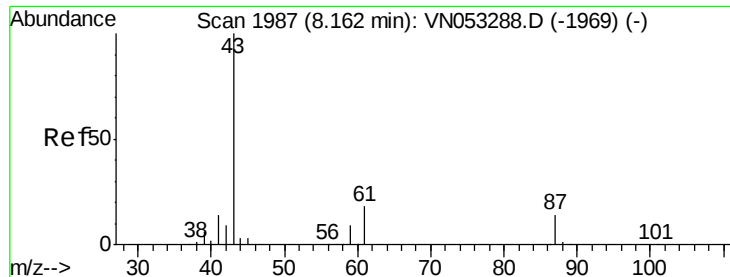
#38
 Carbon Tetrachloride
 Concen: 6.312 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion: 117 Resp: 85745
 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): VN053373.D (-1774) (-)
 Ion 118.80 (118.50 to 119.50): VN053373.D (-1774) (-)
 Ion 120.80 (120.50 to 121.50): VN053373.D (-1774) (-)





#43

Isopropyl Acetate

Concen: 2.445 ug/l

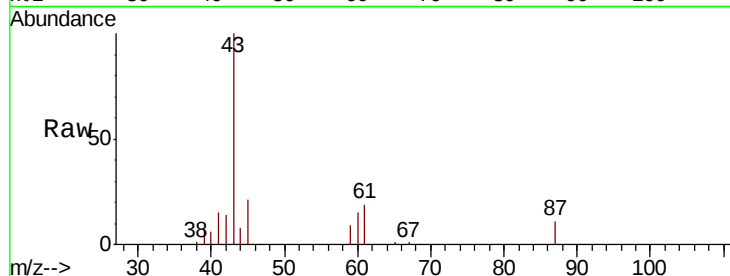
RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

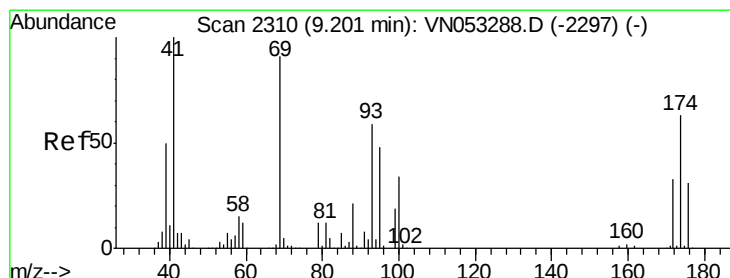
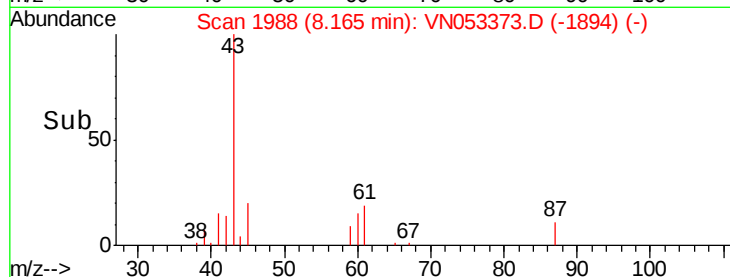
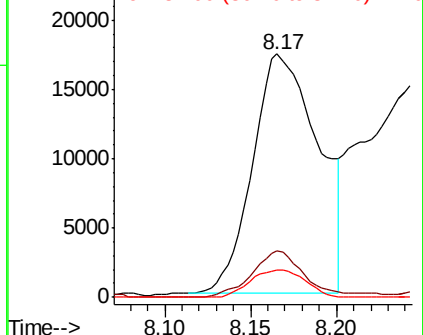
Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tgt Ion:	43	Resp:	46107
Ion	Ratio	Lower	Upper
43	100		
61	15.2	23.3	34.9#
87	9.5	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 61.00 (60.70 to 61.70): VNC
Ion 87.00 (86.70 to 87.70): VNC



#48

Methyl methacrylate

Concen: 1.496 ug/l

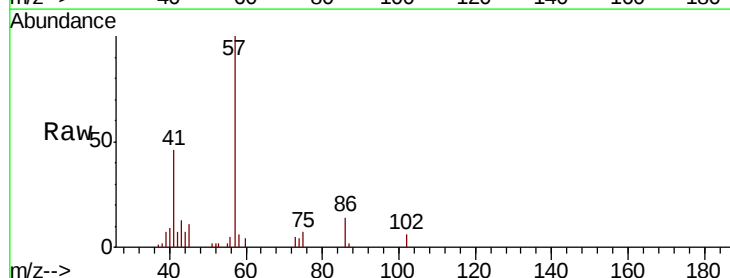
RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

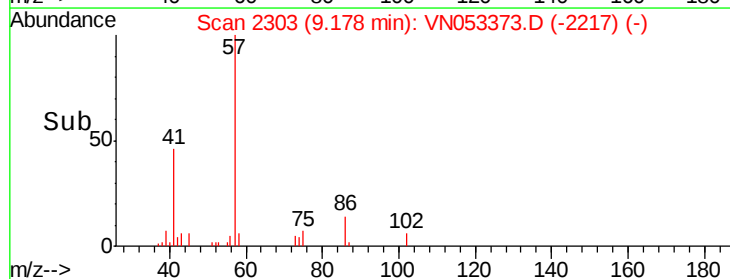
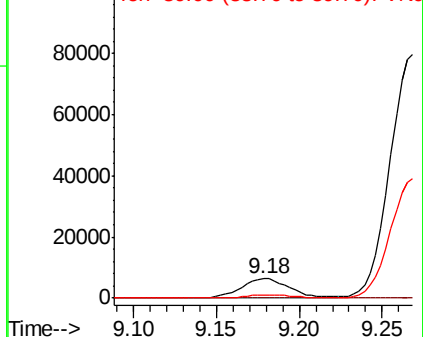
Lab File: VN053373.D

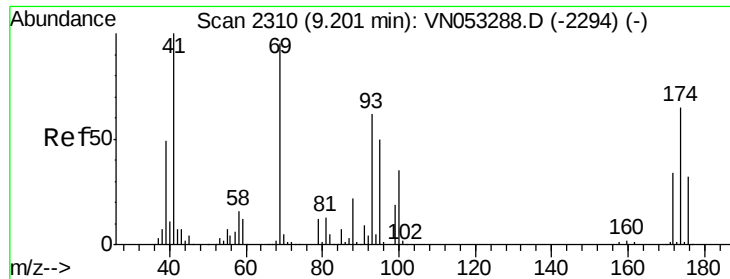
Acq: 11 Jan 2019 18:27

Tgt Ion:	41	Resp:	12813
Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.5	110.3#
39	0.0	41.6	62.4#



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





#49

1,4-Dioxane

Concen: 1.161 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

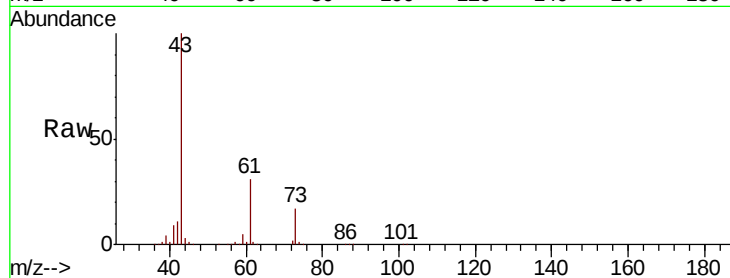
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 1577947.2 26.2 39.4#

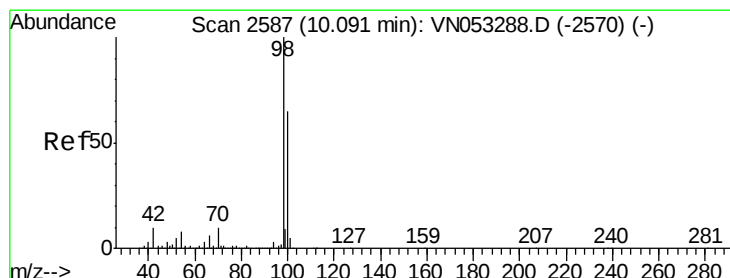
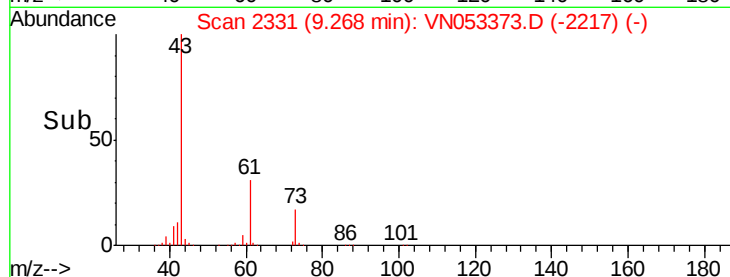
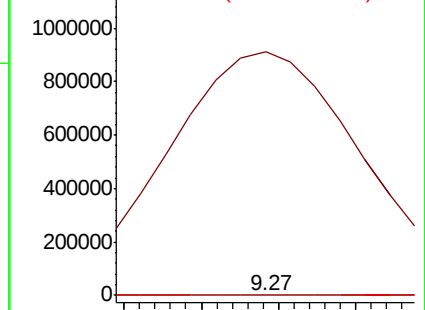
58 7178.3 55.5 83.3#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 1.161 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053373.D

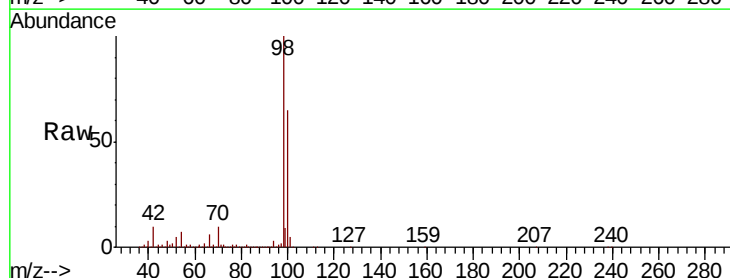
Acq: 11 Jan 2019 18:27

Tgt Ion: 98 Resp: 1969159

Ion Ratio Lower Upper

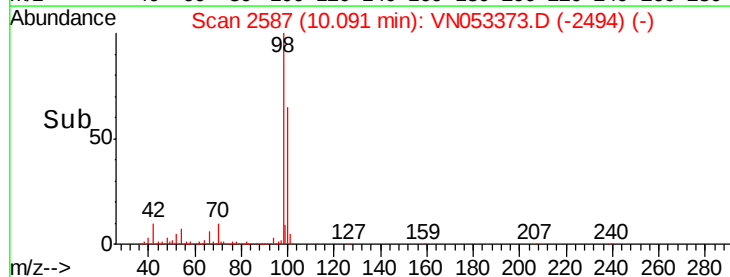
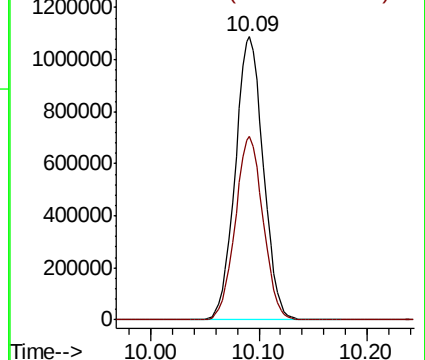
98 100

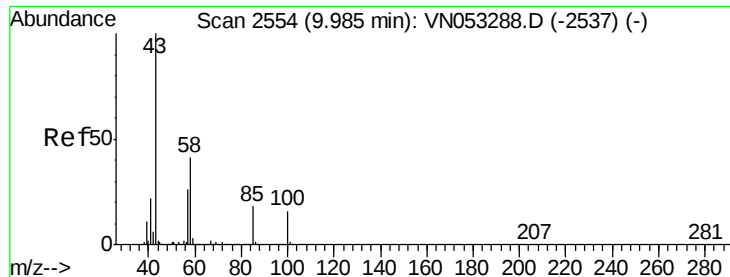
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

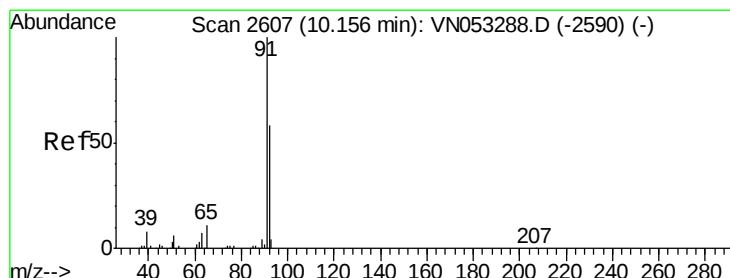
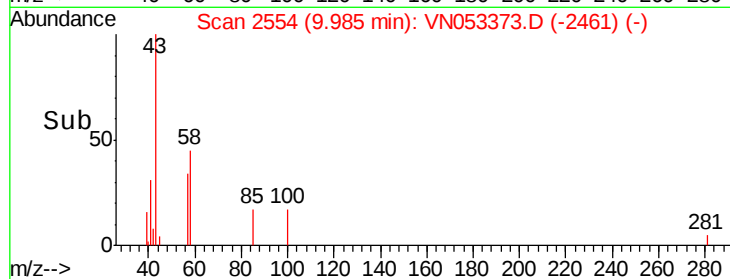
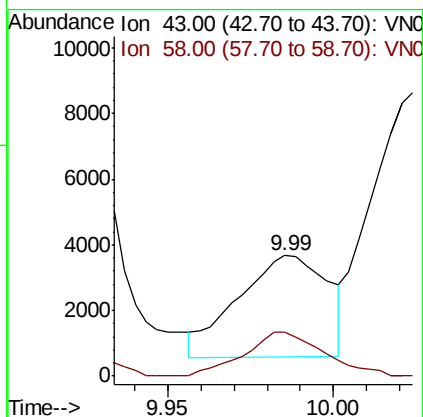
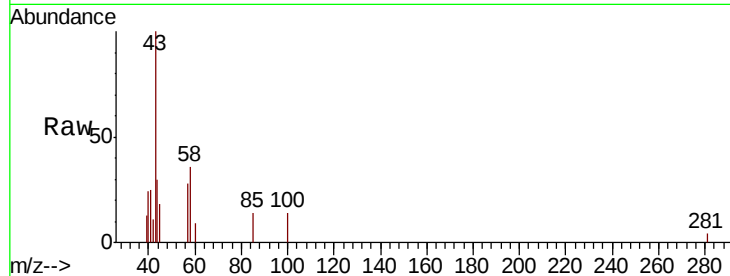
Ion 100.00 (99.70 to 100.70): VN0





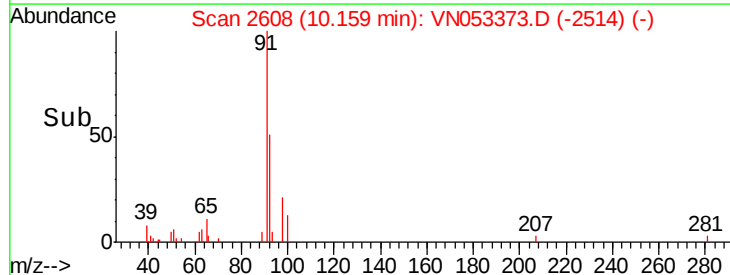
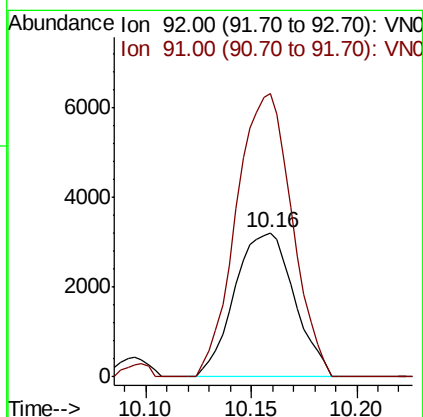
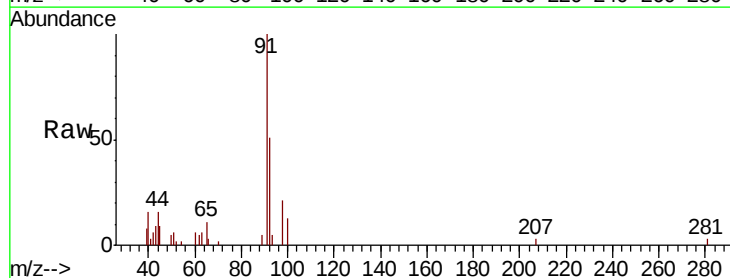
#51
 4-Methyl-2-Pentanone
 Concen: 0.614 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

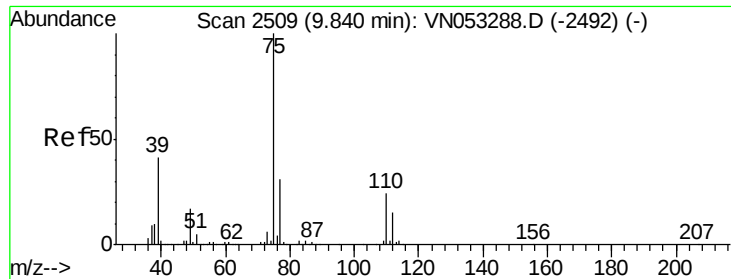
Tgt Ion: 43 Resp: 5820
 Ion Ratio Lower Upper
 43 100
 58 38.5 32.7 49.1



#52
 Toluene
 Concen: 0.228 ug/l
 RT: 10.16 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion: 92 Resp: 6288
 Ion Ratio Lower Upper
 92 100
 91 184.6 138.6 208.0





#54

cis-1,3-Dichloropropene

Concen: 5.794 ug/l

RT: 9.90 min Scan# 2529

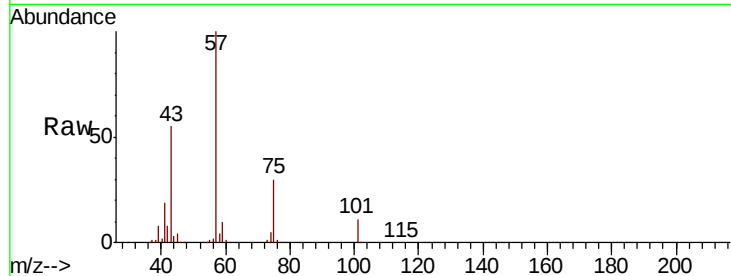
Delta R.T. 0.06 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tgt Ion: 75 Resp: 98122

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.1	37.7#
39	25.8	33.1	49.7#

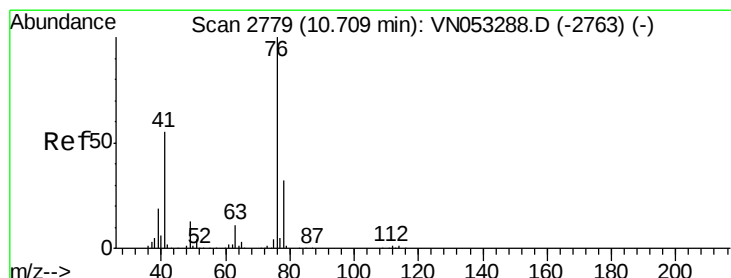
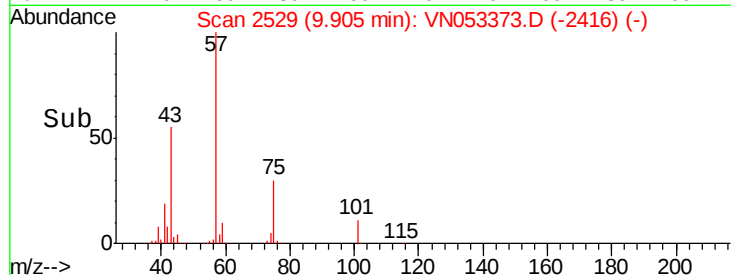
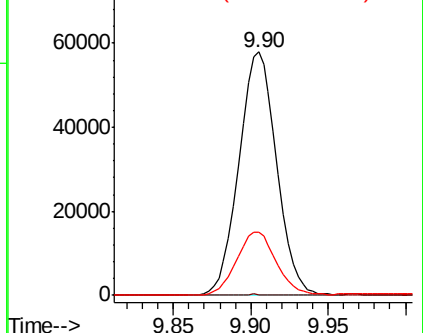


Abundance

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: 0.991 ug/l

RT: 10.76 min Scan# 2796

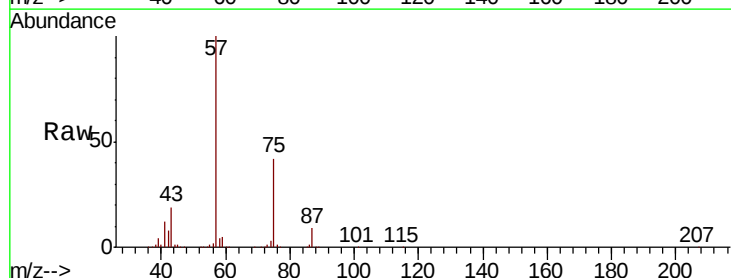
Delta R.T. 0.05 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tgt Ion: 76 Resp: 16809

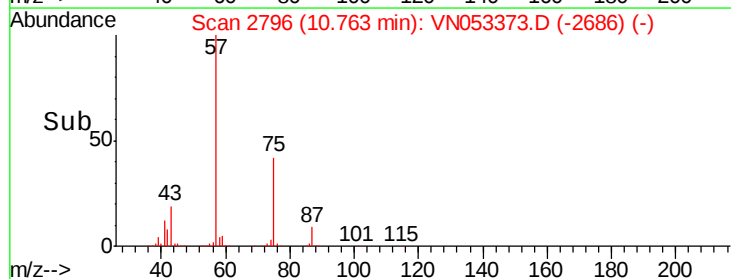
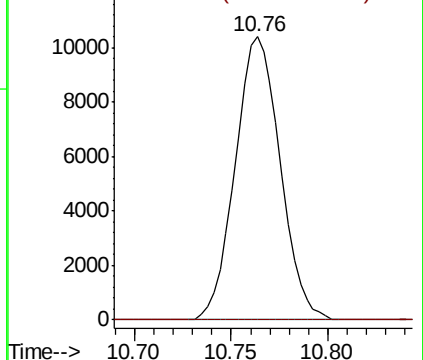
Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

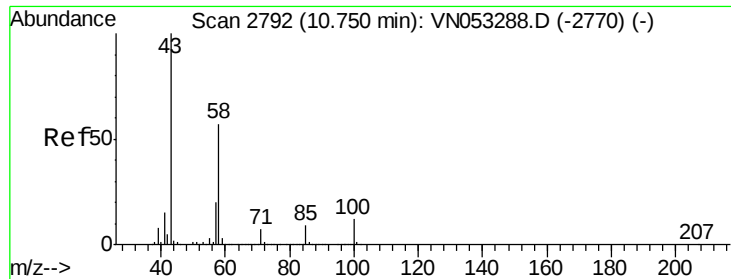


Abundance

Ion 75.90 (75.60 to 76.60): VN0

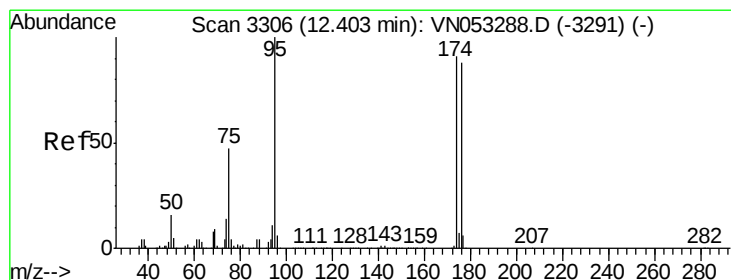
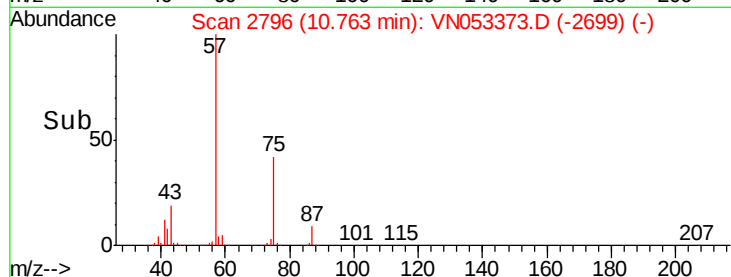
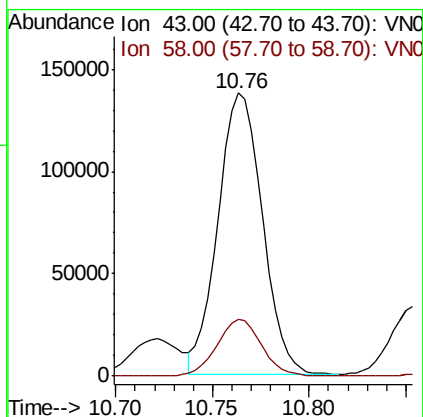
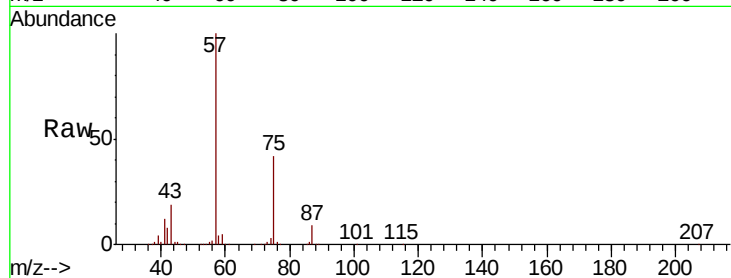
Ion 77.90 (77.60 to 78.60): VN0





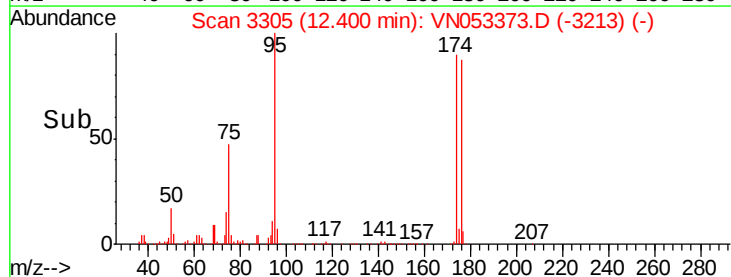
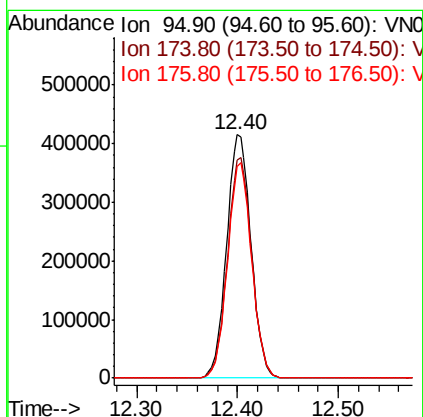
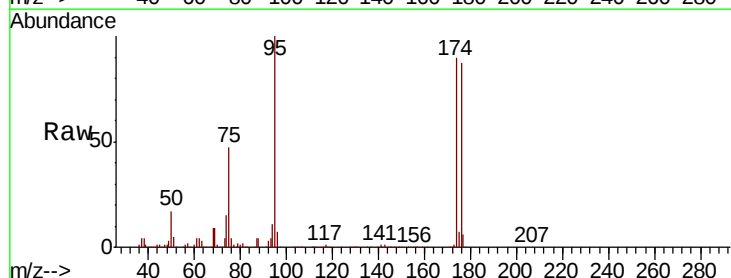
#59
2-Hexanone
Concen: 33.975 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

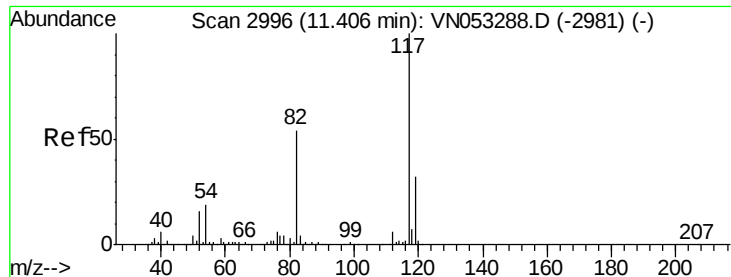
Tgt Ion: 43 Resp: 220754
Ion Ratio Lower Upper
43 100
58 20.3 28.3 85.0#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 95 Resp: 700374
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.4
176 87.6 0.0 175.6

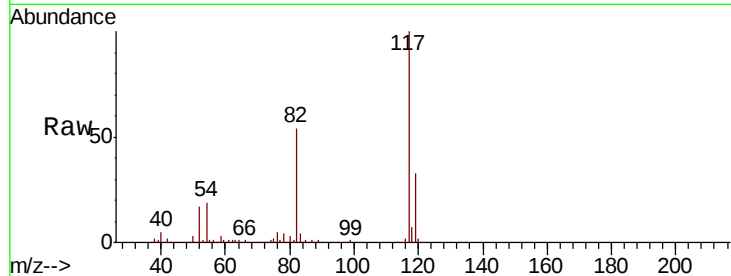




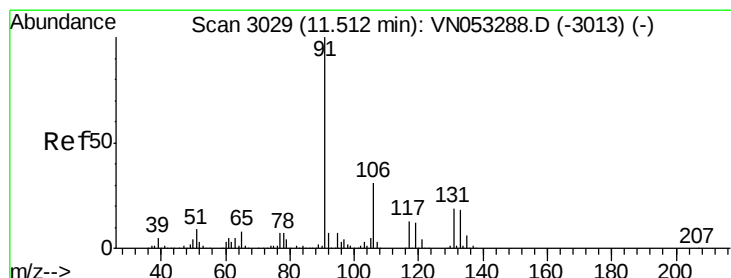
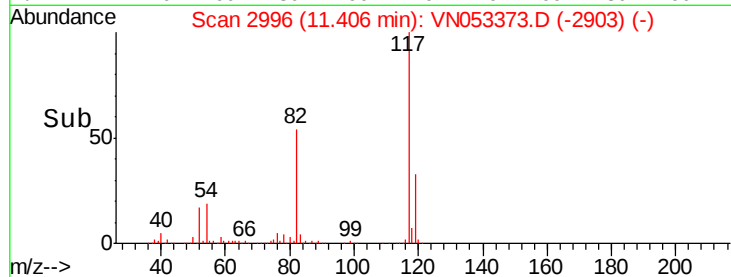
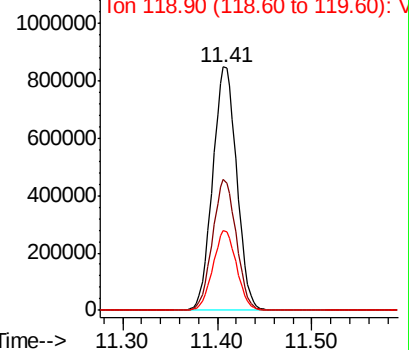
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 117 Resp: 1495593

Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.9	64.3
119	32.7	25.6	38.4



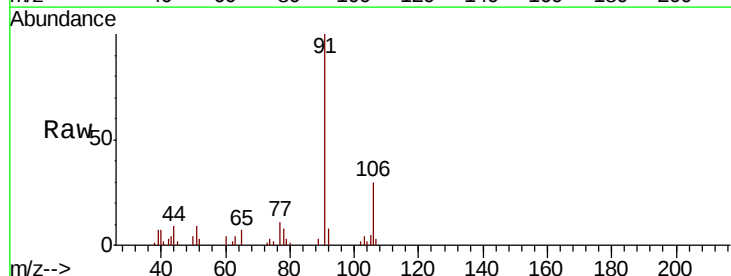
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V



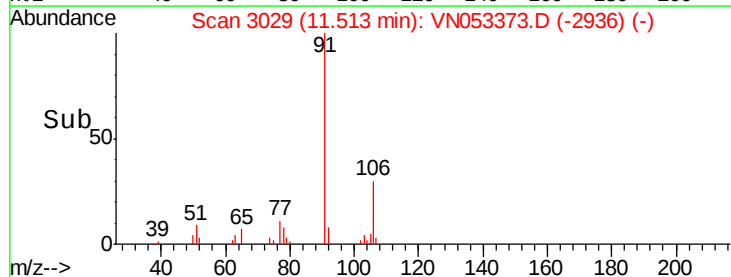
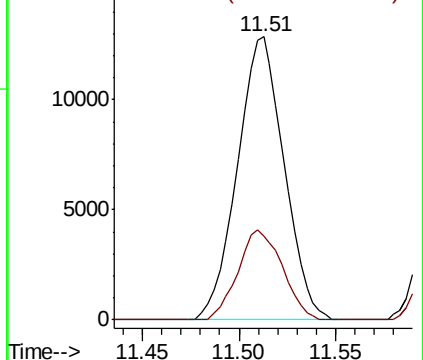
#67
Ethyl Benzene
Concen: 0.391 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

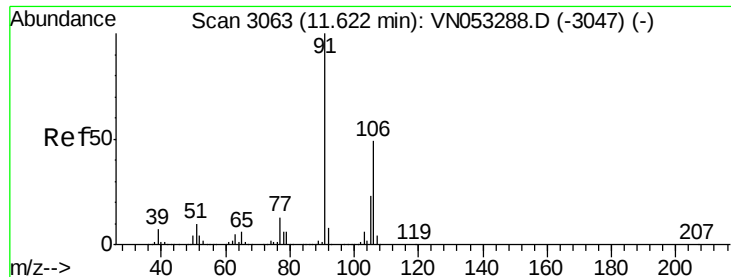
Tgt Ion: 91 Resp: 21573

Ion	Ratio	Lower	Upper
91	100		
106	29.6	25.0	37.4



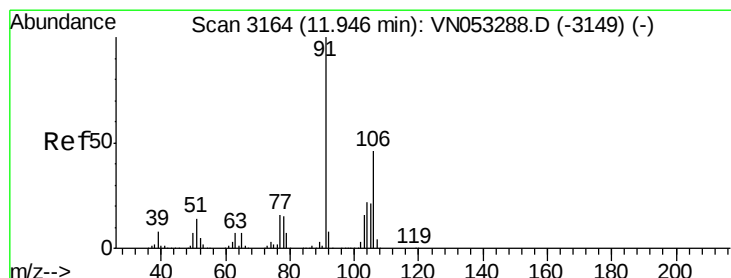
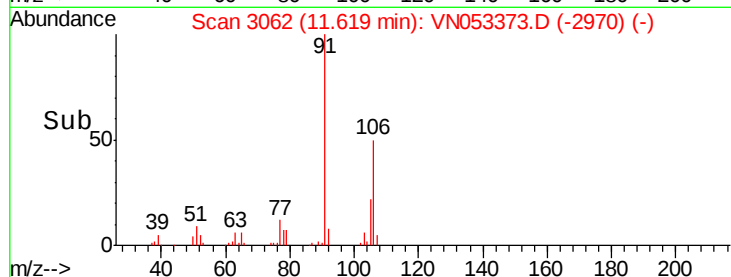
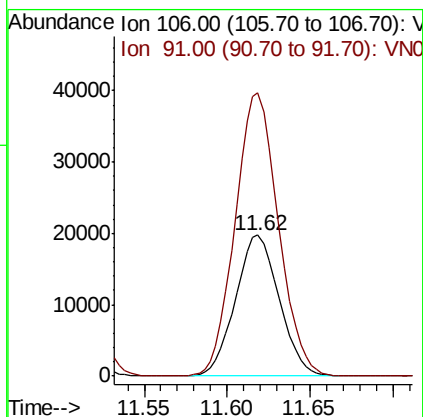
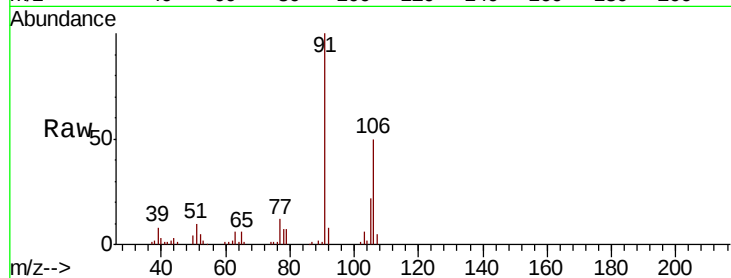
Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





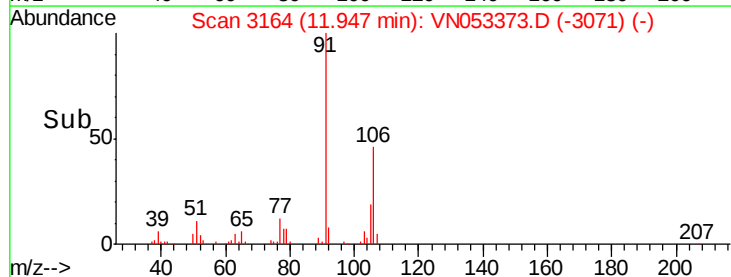
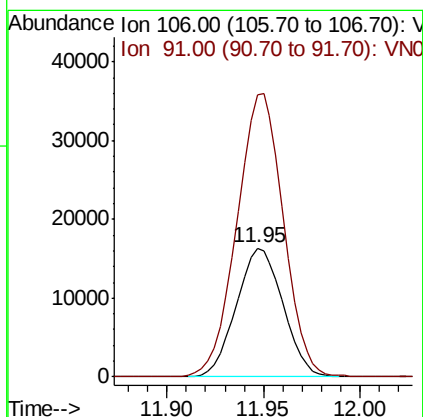
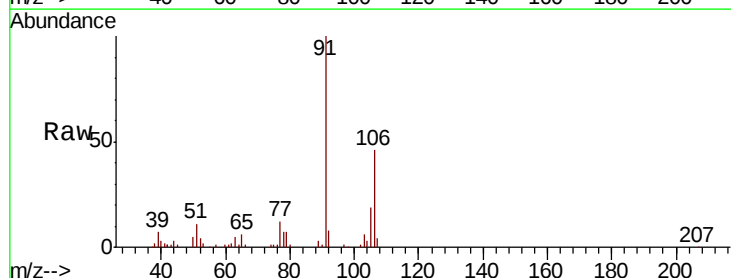
#68
m/p-Xylenes
Concen: 1.737 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

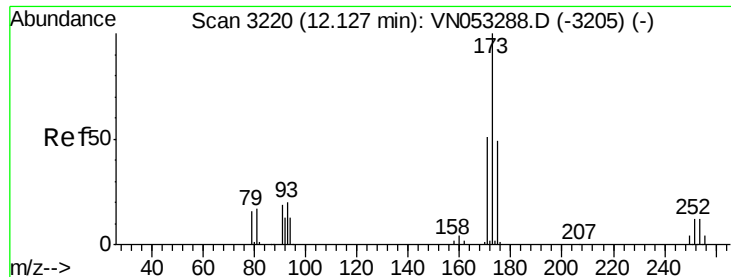
Tgt Ion:106 Resp: 36051
Ion Ratio Lower Upper
106 100
91 199.5 161.4 242.2



#69
o-Xylene
Concen: 1.342 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion:106 Resp: 27273
Ion Ratio Lower Upper
106 100
91 220.1 106.8 320.4





#71

Bromoform

Concen: 0.535 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

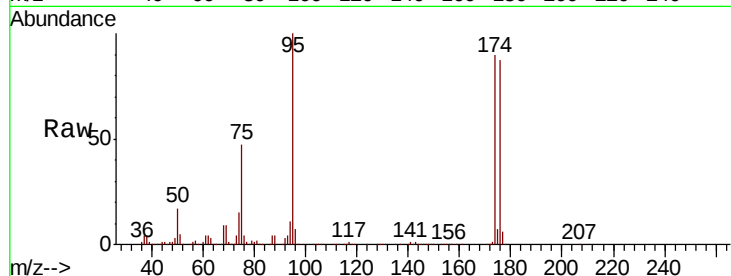
Tgt Ion:173 Resp: 4300

Ion Ratio Lower Upper

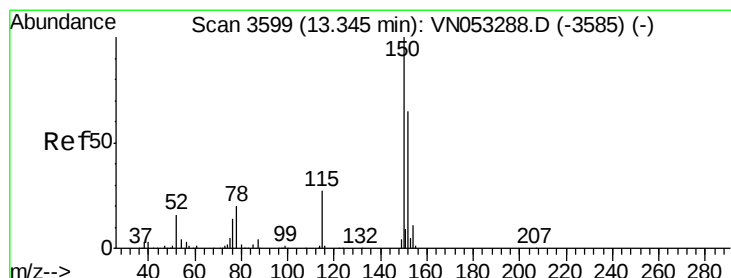
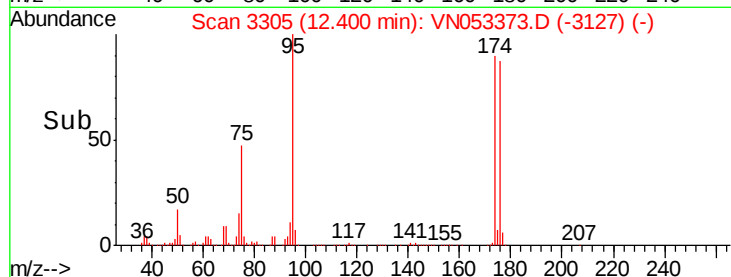
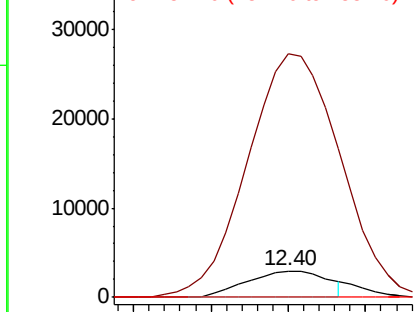
173 100

175 934.1 24.3 72.8#

254 0.0 0.2 0.2#



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: VN053373.D

Acq: 11 Jan 2019 18:27

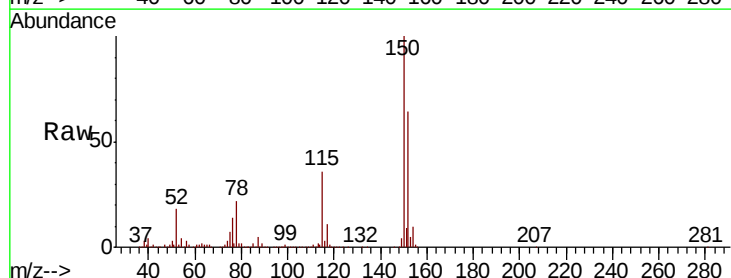
Tgt Ion:152 Resp: 689279

Ion Ratio Lower Upper

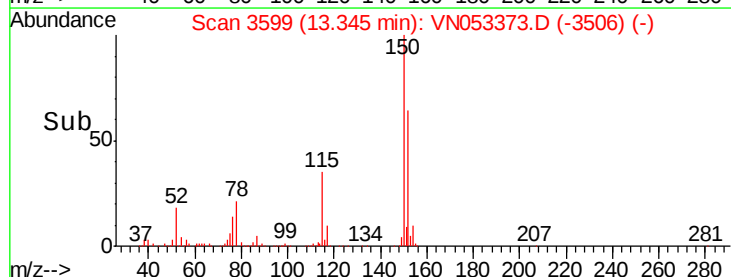
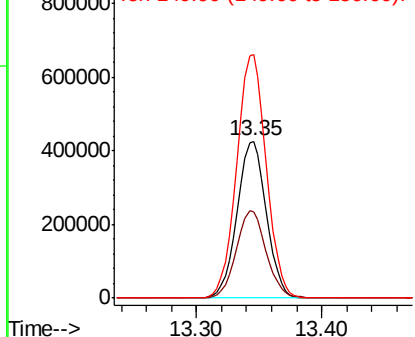
152 100

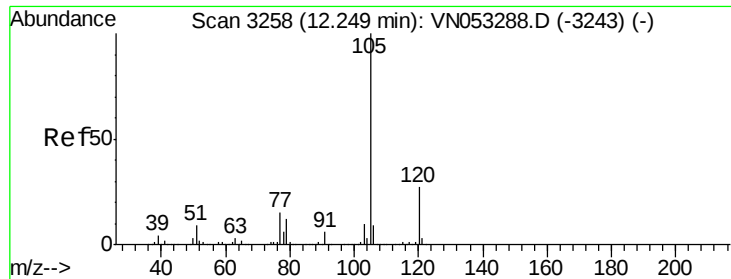
115 56.9 28.0 84.0

150 156.8 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: 0.214 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053373.D

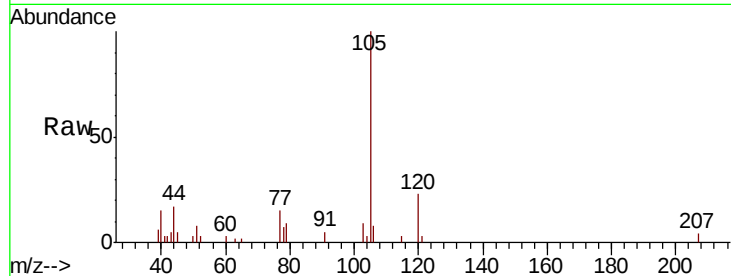
Acq: 11 Jan 2019 18:27

Tgt Ion: 105 Resp: 10961

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

6000

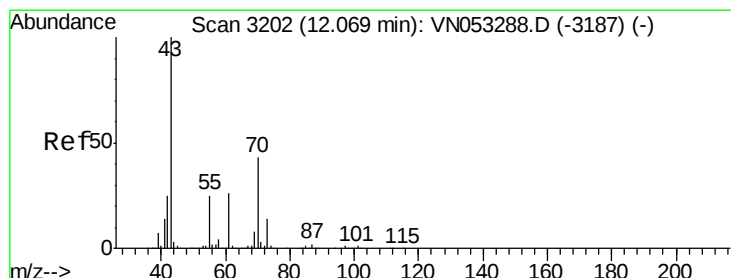
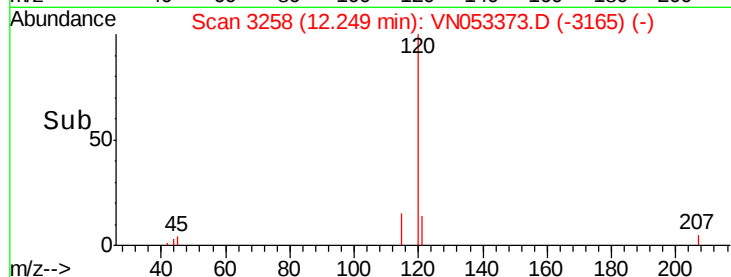
4000

2000

0

Time-->

12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 1.320 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

Tgt Ion: 43 Resp: 20230

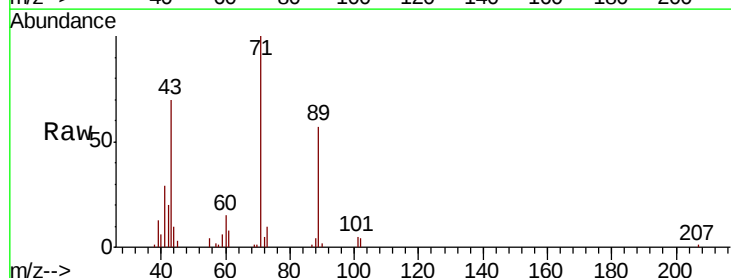
Ion Ratio Lower Upper

43 100

70 1.5 35.0 52.6#

55 5.5 20.0 30.0#

61 10.3 20.3 30.5#



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

11.88

20000

15000

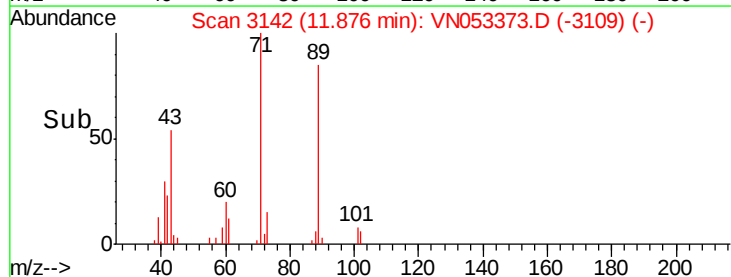
10000

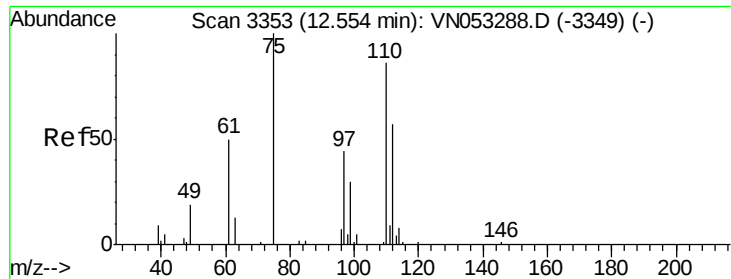
5000

0

Time-->

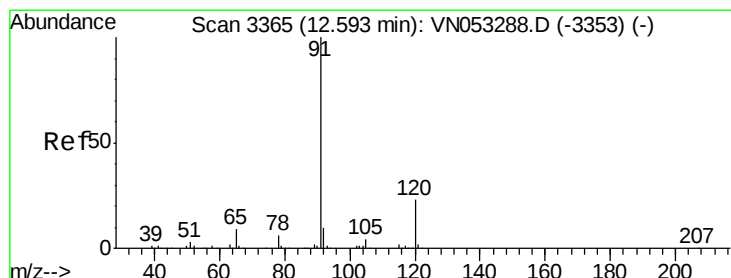
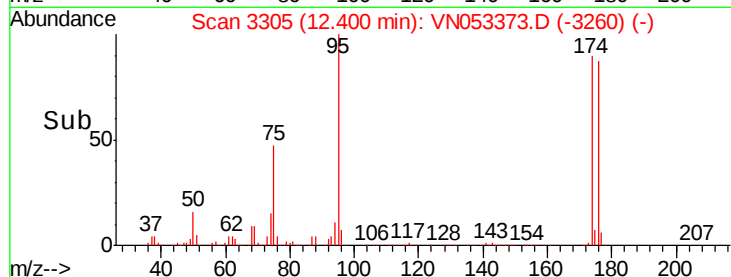
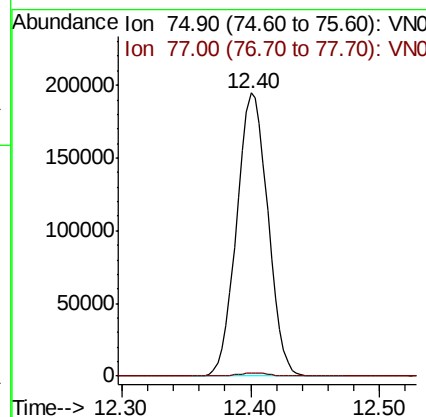
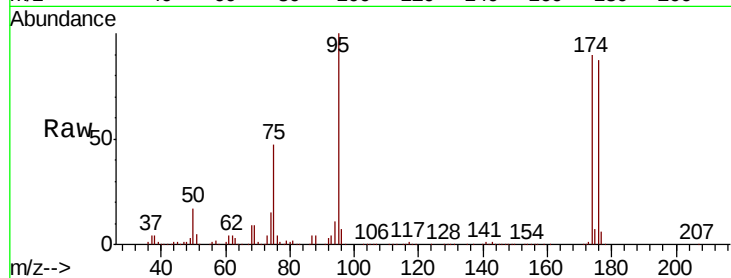
11.80 11.85 11.90





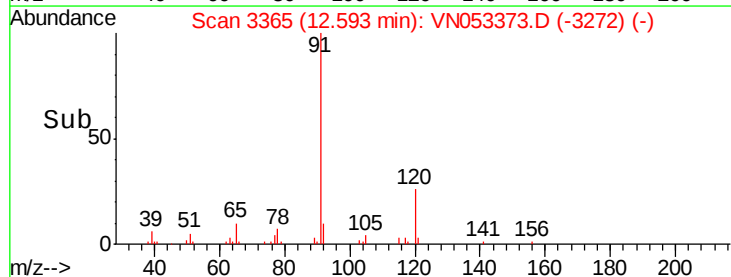
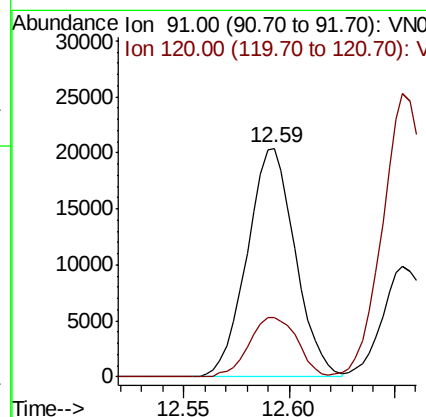
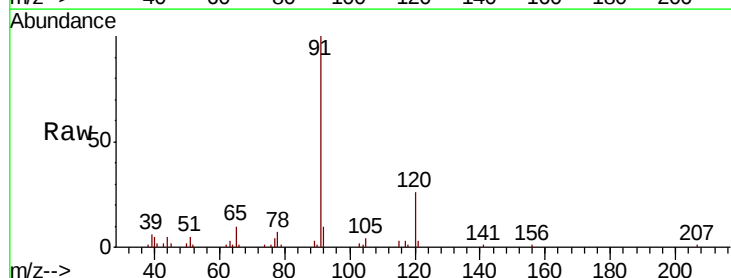
#76
 1,2,3-Trichloropropane
 Concen: 32.589 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

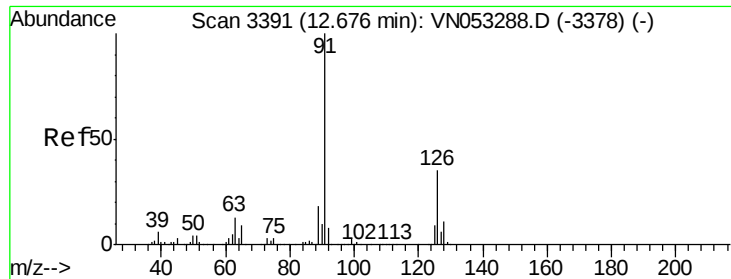
Tgt Ion: 75 Resp: 327632
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#78
 n-propylbenzene
 Concen: 0.558 ug/l
 RT: 12.59 min Scan# 3365
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

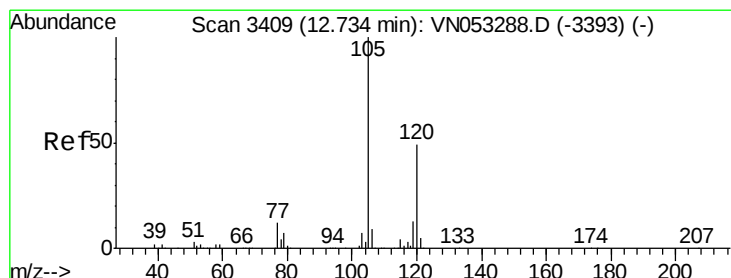
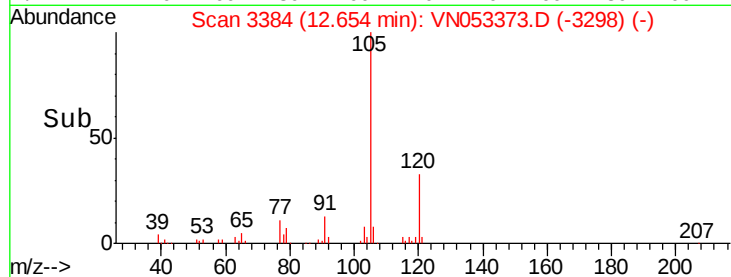
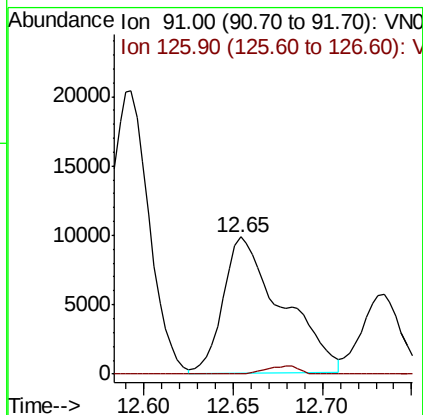
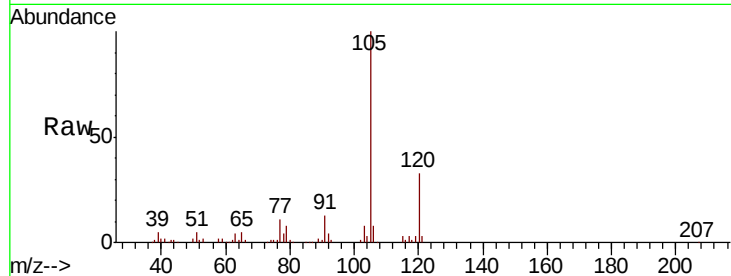
Tgt Ion: 91 Resp: 32403
 Ion Ratio Lower Upper
 91 100
 120 26.2 11.5 34.5





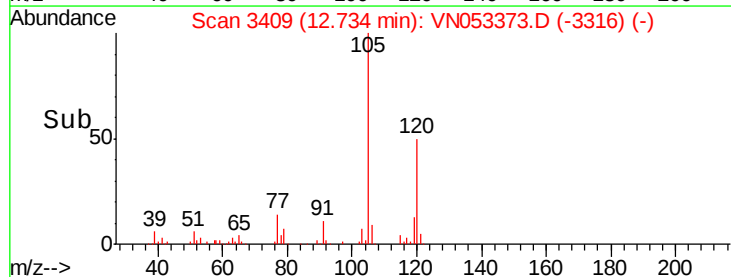
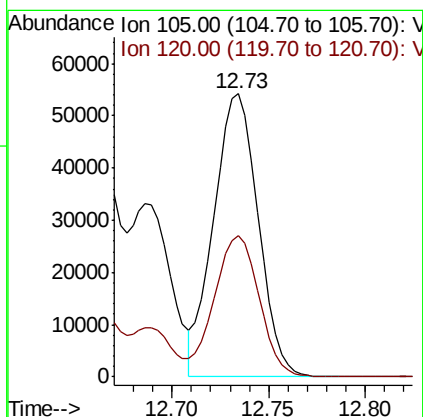
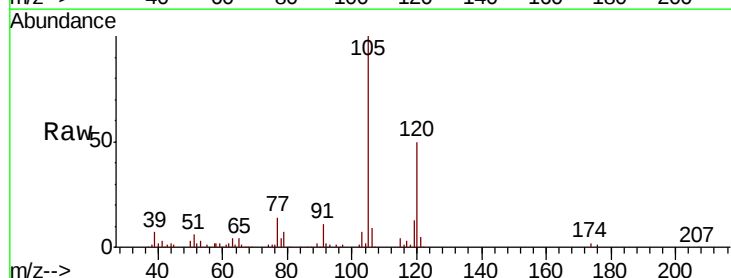
#79
 2-Chlorotoluene
 Concen: 0.637 ug/l
 RT: 12.65 min Scan# 3384
 Delta R.T. -0.02 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

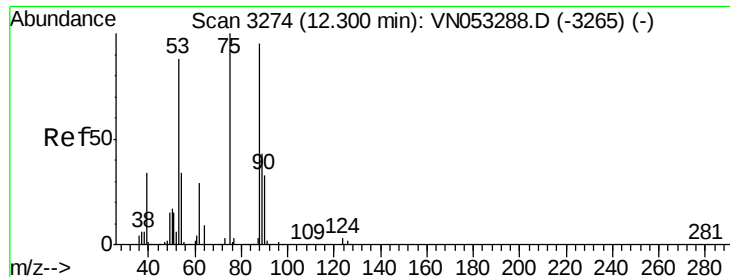
Tgt Ion: 91 Resp: 22371
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.5 52.5#



#80
 1,3,5-Trimethylbenzene
 Concen: 2.104 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion: 105 Resp: 86976
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 95.882 ug/l

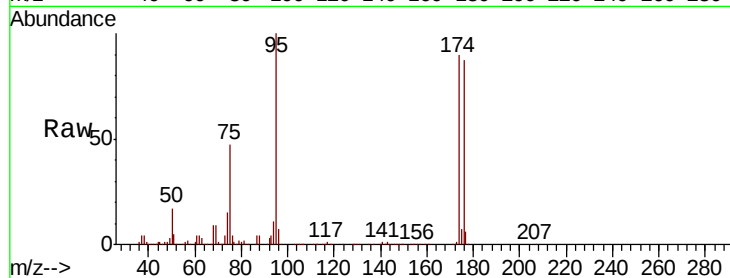
RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

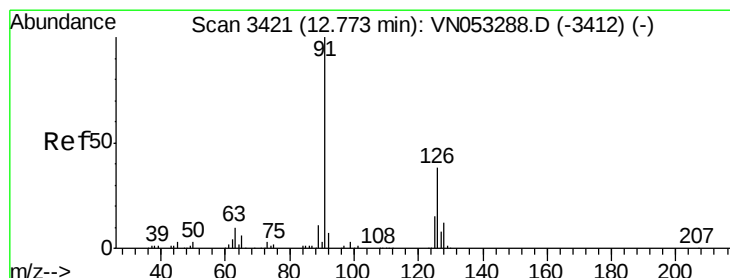
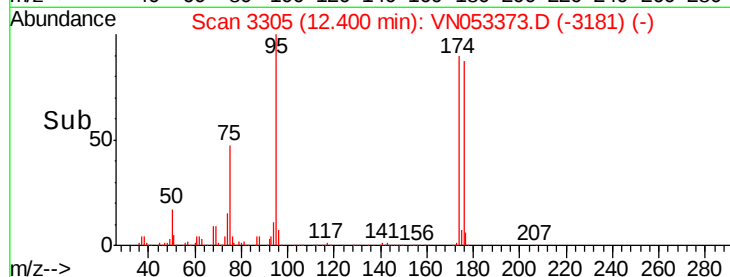
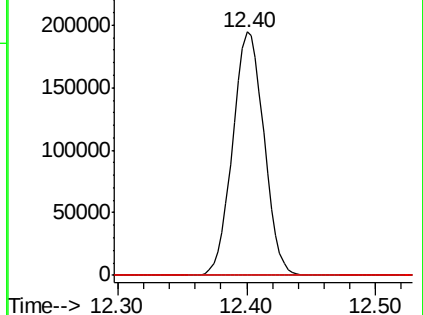
Tgt Ion:	75	Resp:	327632
Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.5	105.7#
89	0.0	35.4	53.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.232 ug/l

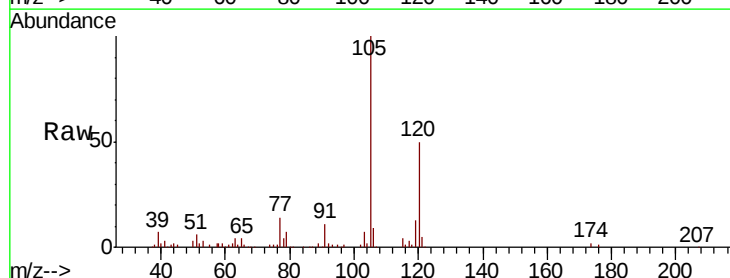
RT: 12.73 min Scan# 3409

Delta R.T. -0.04 min

Lab File: VN053373.D

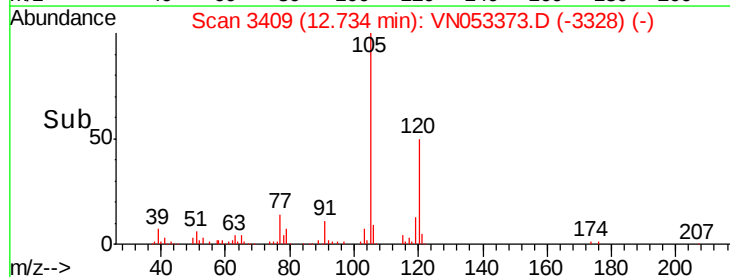
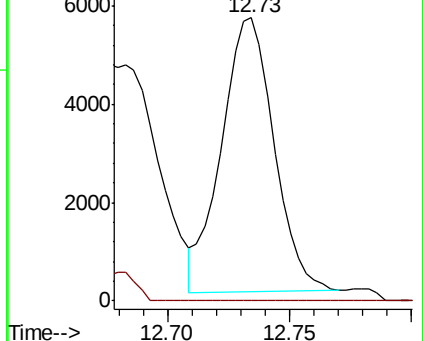
Acq: 11 Jan 2019 18:27

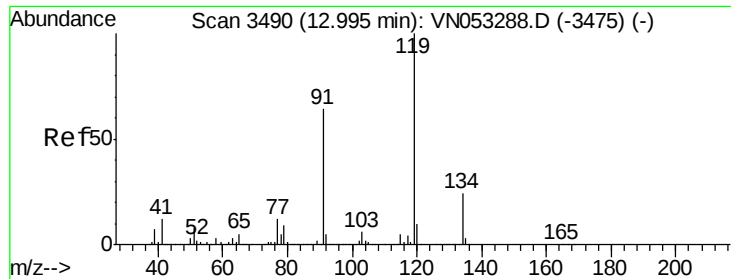
Tgt Ion:	91	Resp:	8366
Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.4	52.2#



Abundance Ion 91.00 (90.70 to 91.70): VN0

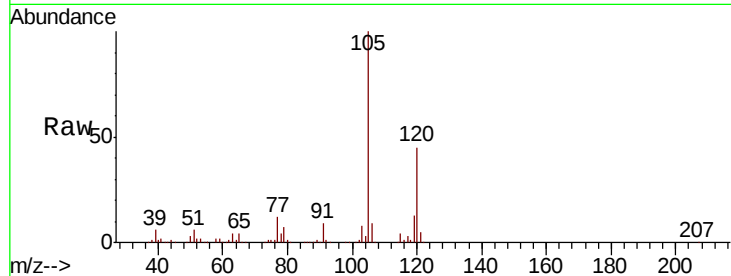
Ion 125.90 (125.60 to 126.60): V



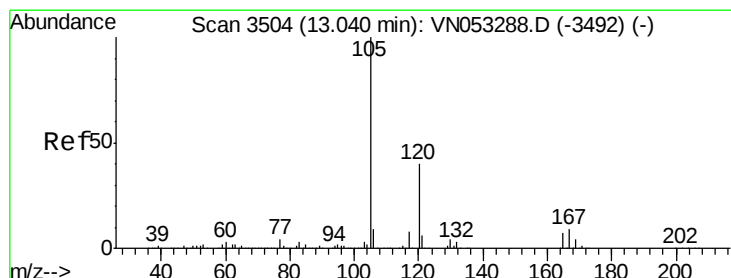
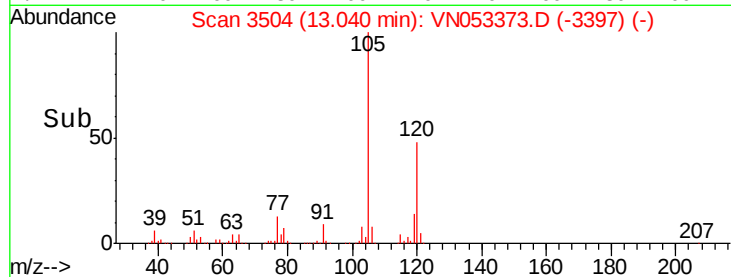
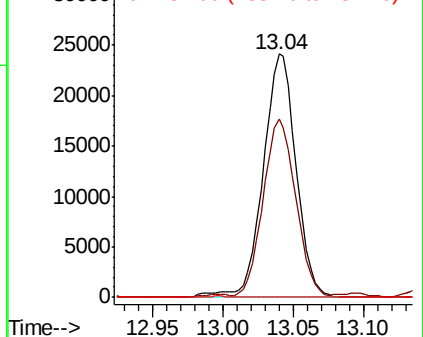


#83
 tert-Butylbenzene
 Concen: 1.075 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.05 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion:119 Resp: 38993
 Ion Ratio Lower Upper
 119 100
 91 70.9 31.6 95.0
 134 0.0 12.9 38.6#

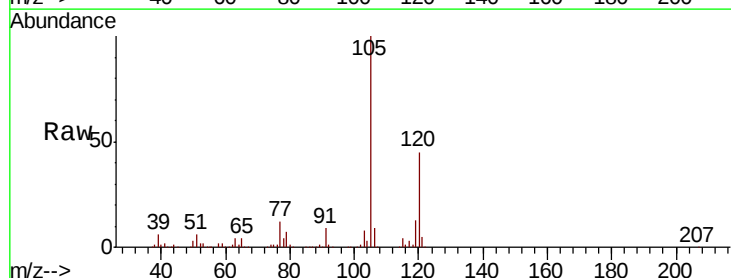


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

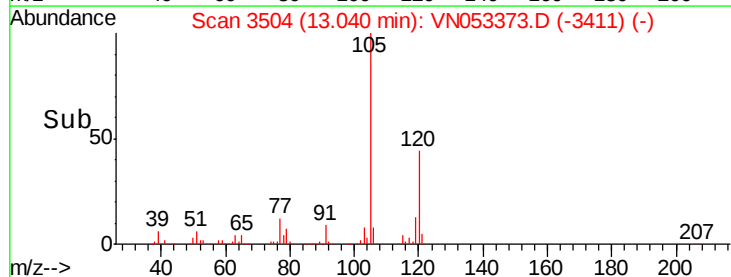
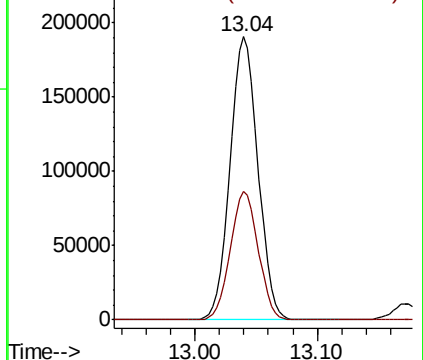


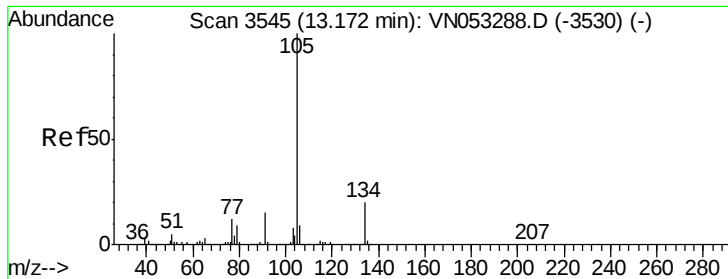
#84
 1,2,4-Trimethylbenzene
 Concen: 7.217 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053373.D
 Acq: 11 Jan 2019 18:27

Tgt Ion:105 Resp: 303950
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.354 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053373.D

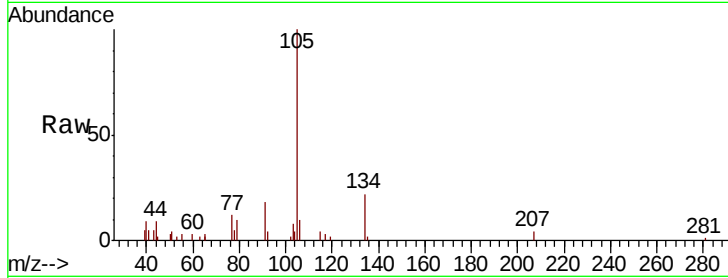
Acq: 11 Jan 2019 18:27

Tgt Ion:105 Resp: 16918

Ion Ratio Lower Upper

105 100

134 24.9 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12000

10000

8000

6000

4000

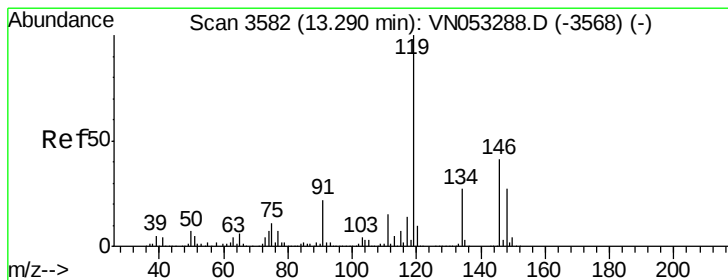
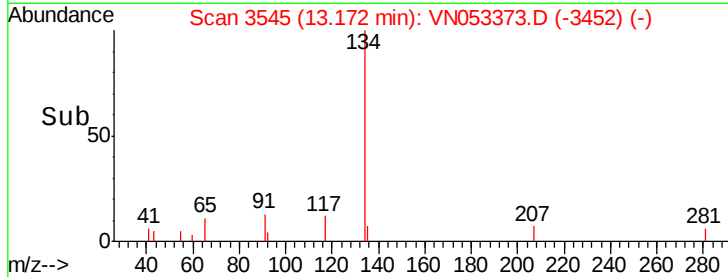
2000

0

13.15

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 0.296 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053373.D

Acq: 11 Jan 2019 18:27

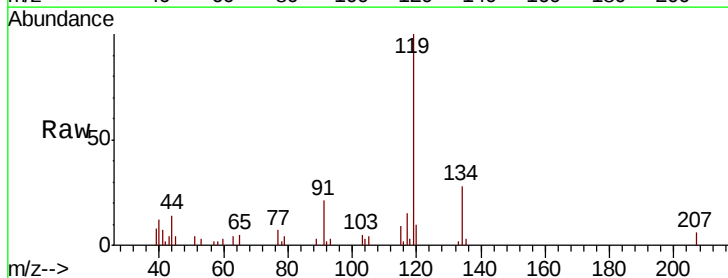
Tgt Ion:119 Resp: 12273

Ion Ratio Lower Upper

119 100

134 25.3 13.4 40.1

91 21.2 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

20000

15000

10000

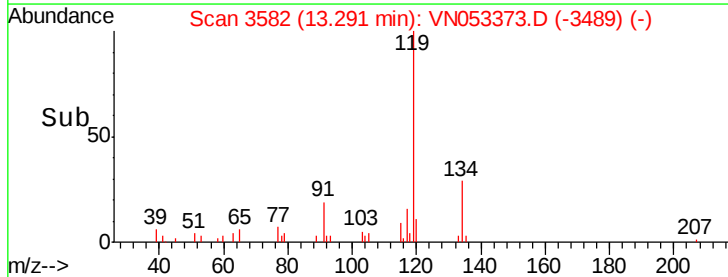
5000

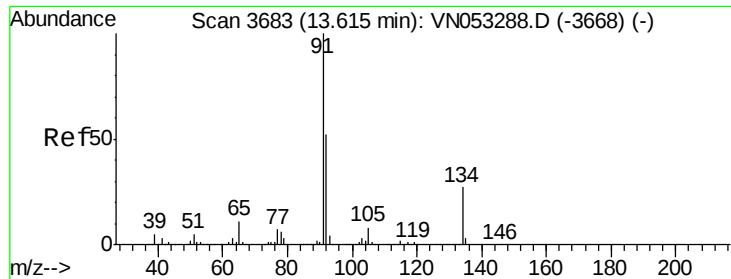
0

13.25

13.30

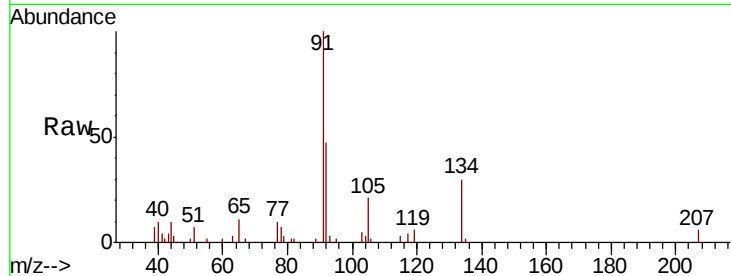
Time-->



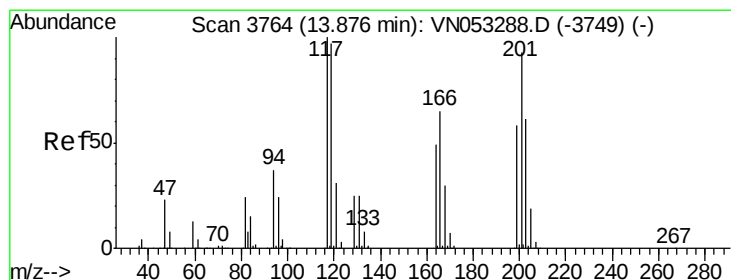
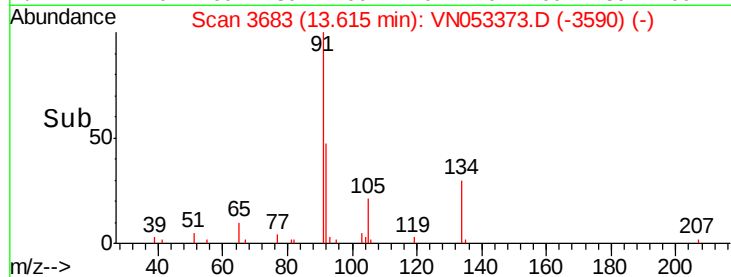
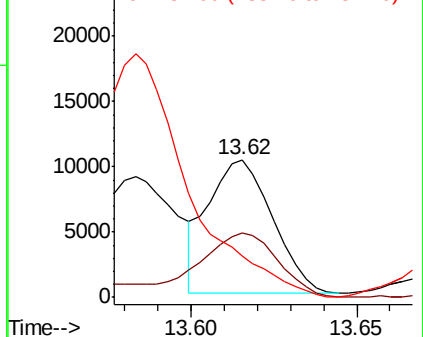


#89
n-Butylbenzene
Concen: 0.394 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 91 Resp: 13671
Ion Ratio Lower Upper
91 100
92 67.7 26.3 78.8
134 0.0 13.5 40.5#

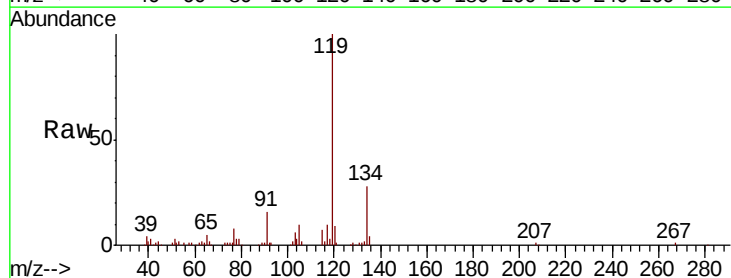


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

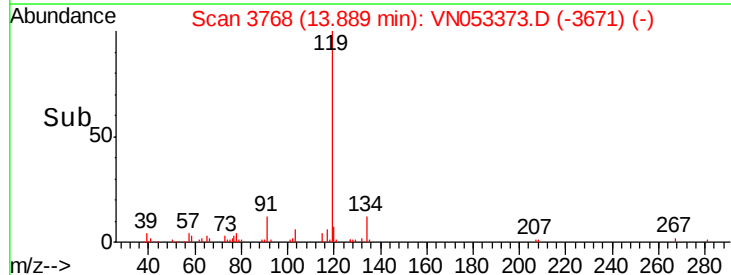
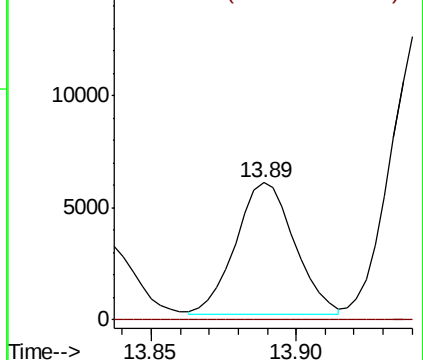


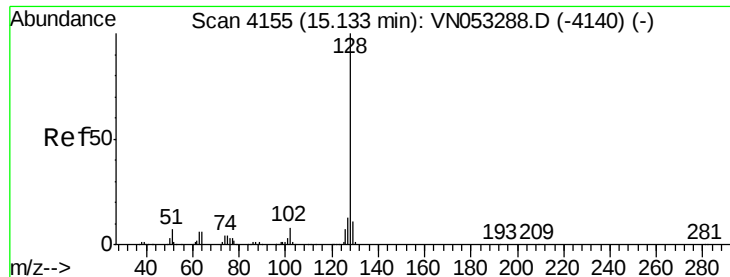
#90
Hexachloroethane
Concen: 1.250 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion: 117 Resp: 8299
Ion Ratio Lower Upper
117 100
201 0.0 46.1 138.3#



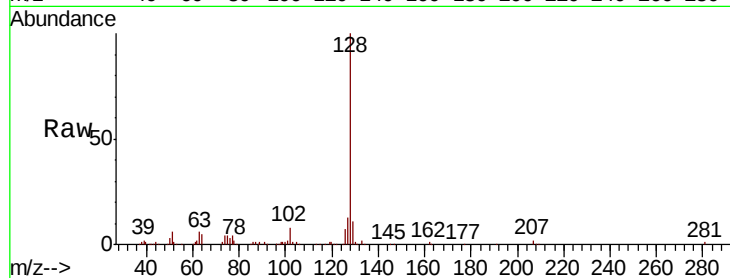
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 15.427 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053373.D
Acq: 11 Jan 2019 18:27

Tgt Ion:	128	Resp:	186952
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

