

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN103118\
 Data File : VN052071.D
 Acq On : 31 Oct 2018 14:04
 Operator : MD\SY
 Sample : PB114328ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

Quant Time: Oct 31 14:48:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	305798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209675	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	250262	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
35) Dibromofluoromethane	7.59	113	208198	60.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.50%	
50) Toluene-d8	10.09	98	829381	60.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.10%	
62) 4-Bromofluorobenzene	12.40	95	284287	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	

Target Compounds

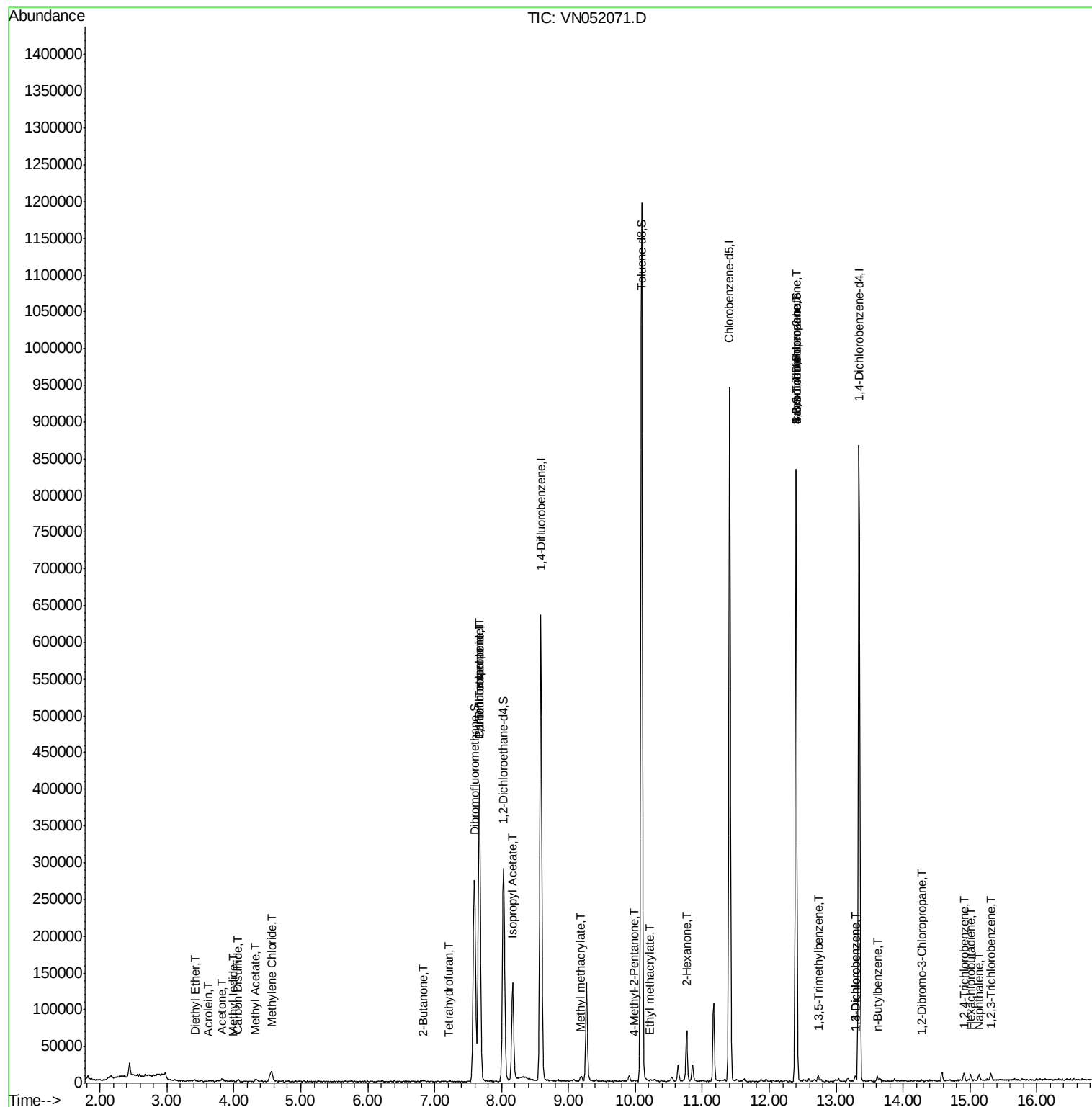
						Qvalue
8) Diethyl Ether	3.42	74	629	0.29	ug/l	62
10) Methyl Iodide	3.98	142	918	0.21	ug/l #	71
13) Acrolein	3.62	56	245	24.93	ug/l #	77
16) Acetone	3.83	43	5496	5.25	ug/l	97
17) Carbon Disulfide	4.06	76	2523	0.25	ug/l #	51
18) Methyl Acetate	4.32	43	1523	0.46	ug/l #	59
20) Methylene Chloride	4.55	84	9531	2.39	ug/l	90
25) 2-Butanone	6.82	43	372	0.23	ug/l #	50
29) Tetrahydrofuran	7.20	42	350	0.32	ug/l #	63
31) Cyclohexane	7.67	56	8402	Below Cal	#	35
36) 1,1-Dichloropropene	7.66	75	26494	4.76	ug/l #	48
38) Carbon Tetrachloride	7.67	117	33160	6.90	ug/l #	19
43) Isopropyl Acetate	8.17	43	160470	24.20	ug/l	100
48) Methyl methacrylate	9.17	41	4530	1.35	ug/l #	16
51) 4-Methyl-2-Pentanone	9.99	43	1780	0.49	ug/l #	38
56) Ethyl methacrylate	10.22	69	1641	0.33	ug/l #	64
59) 2-Hexanone	10.76	43	10845	4.22	ug/l #	56
71) Bromoform	12.41	173	3573	3.71	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	148263	38.63	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3885	0.27	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.40	75	148263	128.21	ug/l #	9
87) 1,3-Dichlorobenzene	13.28	146	1501	0.22	ug/l	84
88) 1,4-Dichlorobenzene	13.28	146	1501	0.22	ug/l	84
89) n-Butylbenzene	13.62	91	4071	0.30	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.27	75	351	1.47	ug/l #	16
93) 1,2,4-Trichlorobenzene	14.91	180	2406	1.00	ug/l	94
94) Hexachlorobutadiene	15.01	225	1046	0.78	ug/l	92
95) Naphthalene	15.14	128	6228	1.04	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	2736	1.32	ug/l	84

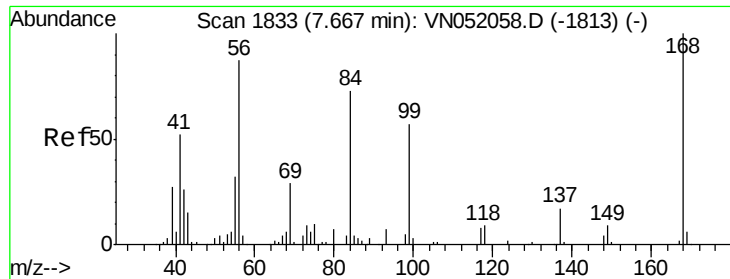
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

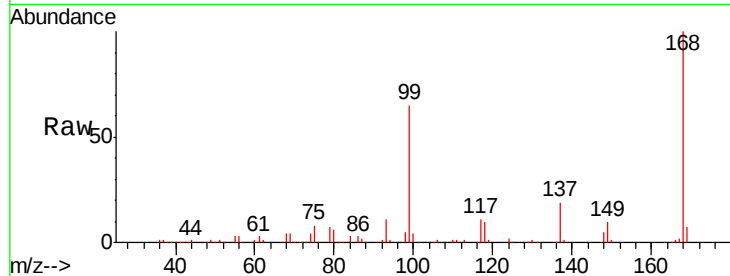
PB114328ZHE#01

Tgt Ion:168 Resp: 305798

Ion Ratio Lower Upper

168 100

99 65.2 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): VN052071.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052071.D (-1740) (-)

7.67

150000

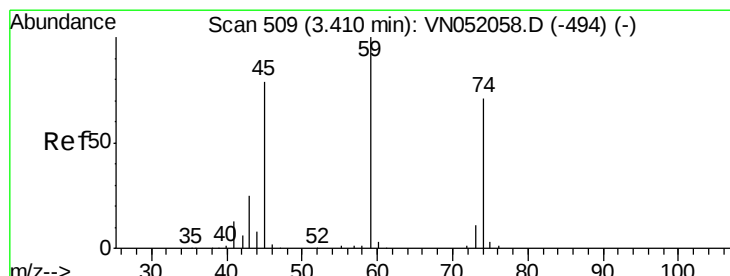
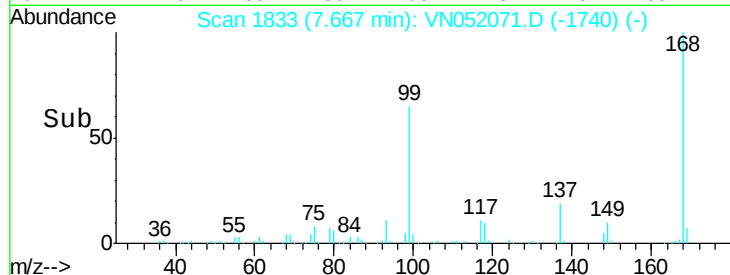
100000

50000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.29 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN052071.D

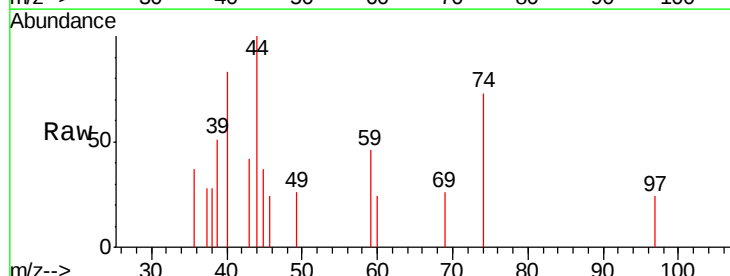
Acq: 31 Oct 2018 14:04

Tgt Ion: 74 Resp: 629

Ion Ratio Lower Upper

74 100

45 70.9 55.6 166.8



Abundance Ion 74.00 (73.70 to 74.70): VN052071.D (-416) (-)

Ion 45.00 (44.70 to 45.70): VN052071.D (-416) (-)

3.42

500

400

300

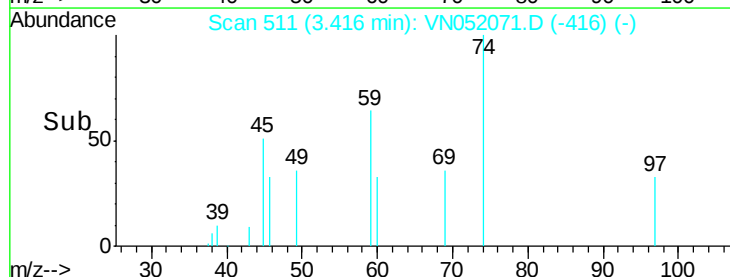
200

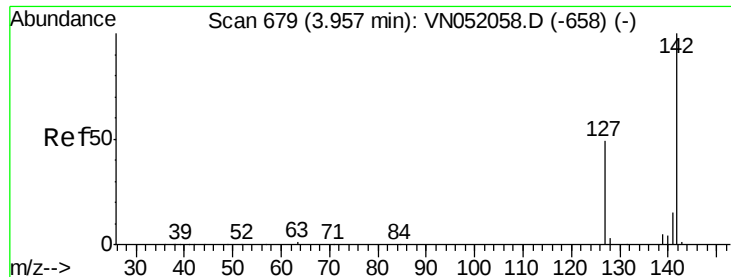
100

0

Time-->

3.38 3.40 3.42

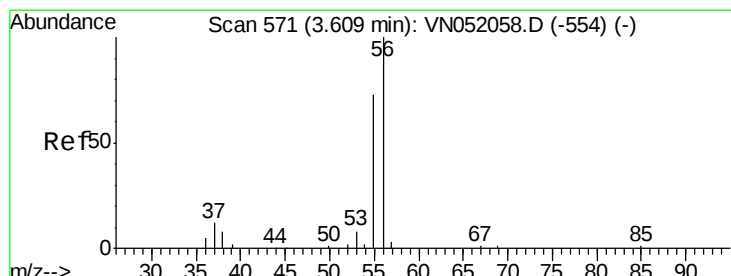
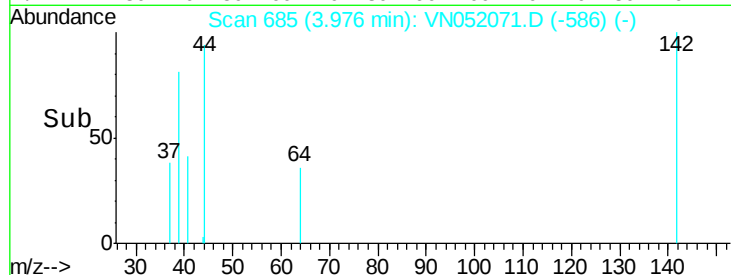
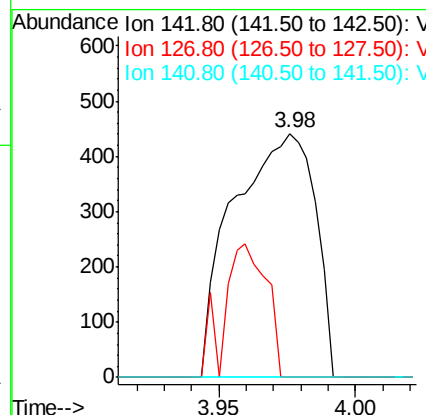
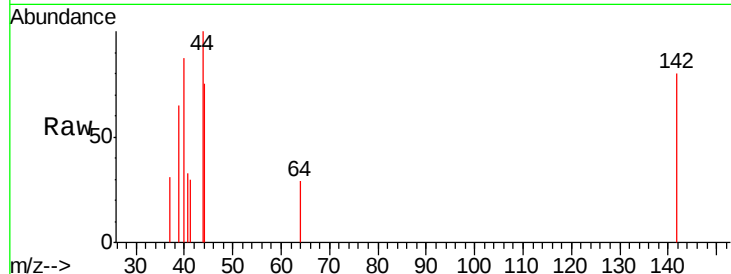




#10
Methyl Iodide
Concen: 0.21 ug/l
RT: 3.98 min Scan# 685
Delta R.T. 0.02 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

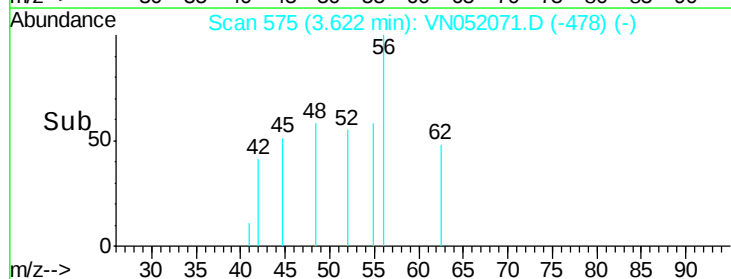
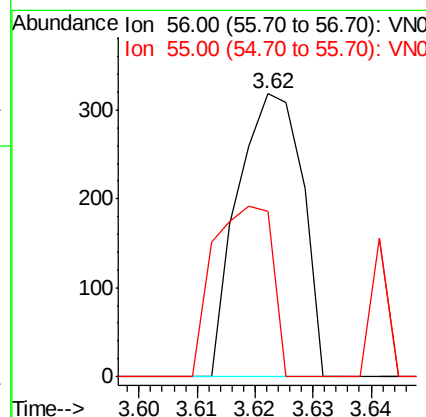
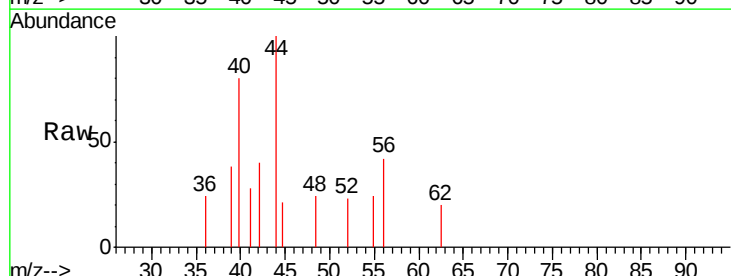
Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#01

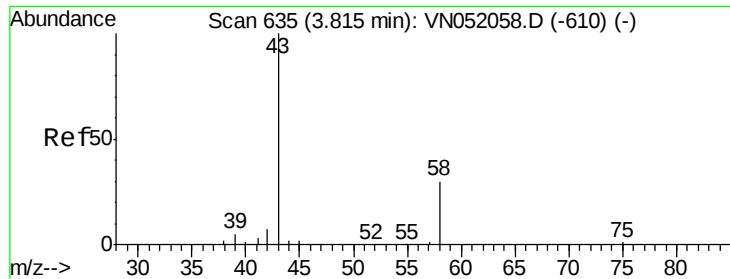
Tgt Ion: 142 Resp: 918
Ion Ratio Lower Upper
142 100
127 28.4 37.3 55.9#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 24.93 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.01 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 55.5 59.9 89.9#





#16

Acetone

Concen: 5.25 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

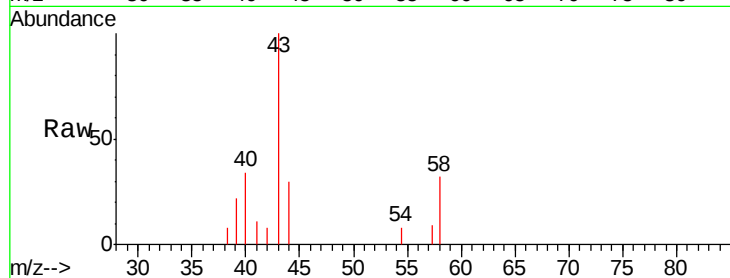
PB114328ZHE#01

Tgt Ion: 43 Resp: 5496

Ion Ratio Lower Upper

43 100

58 32.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-610) (-)

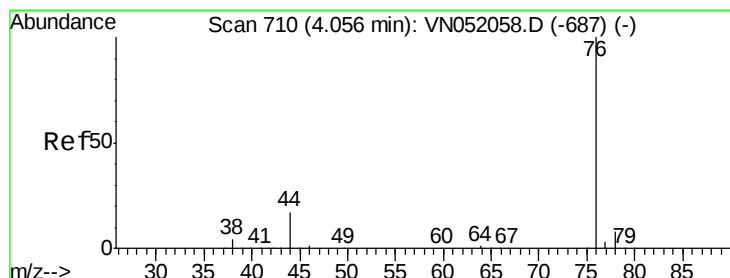
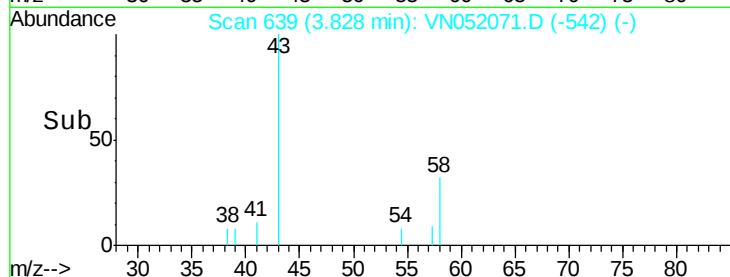
Ion 58.00 (57.70 to 58.70): VN052058.D (-610) (-)

Time-->

3.83

3.85

3.90



#17

Carbon Disulfide

Concen: 0.25 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052071.D

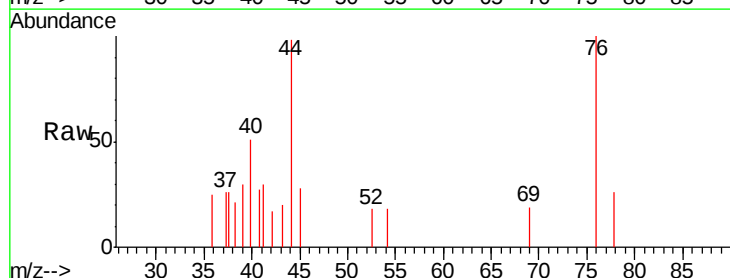
Acq: 31 Oct 2018 14:04

Tgt Ion: 76 Resp: 2523

Ion Ratio Lower Upper

76 100

78 26.0 6.8 10.2#



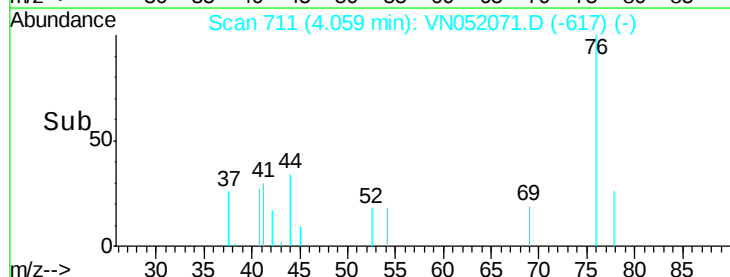
Abundance Ion 75.90 (75.60 to 76.60): VN052058.D (-687) (-)

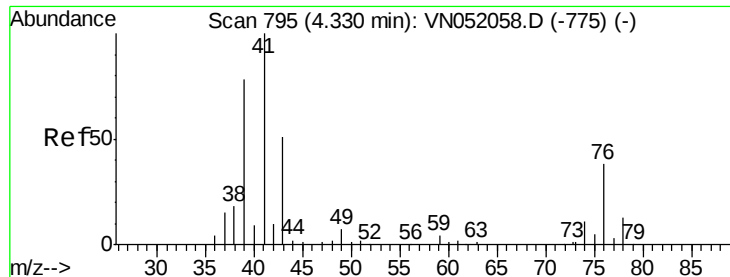
Ion 77.90 (77.60 to 78.60): VN052058.D (-687) (-)

Time-->

4.06

4.10

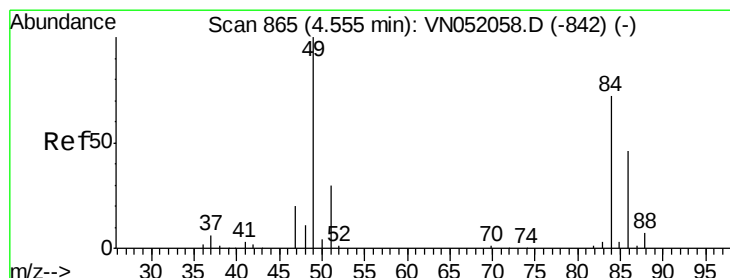
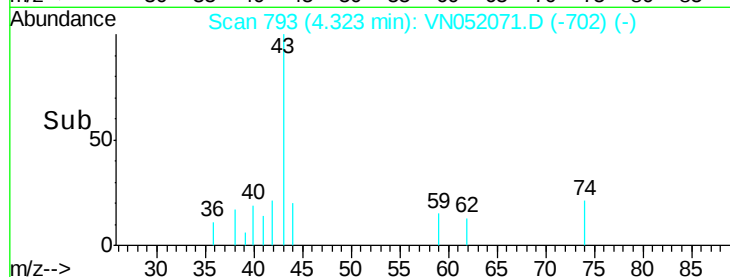
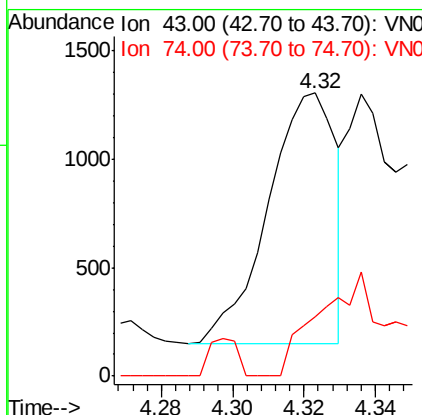
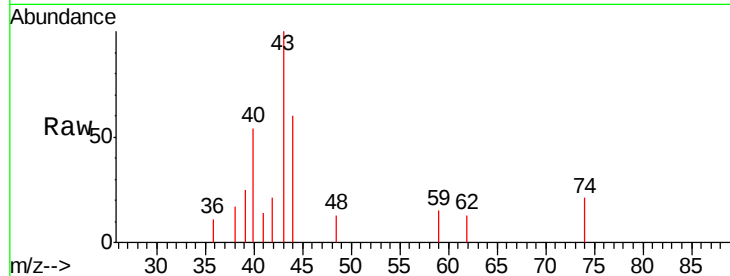




#18
Methyl Acetate
Concen: 0.46 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

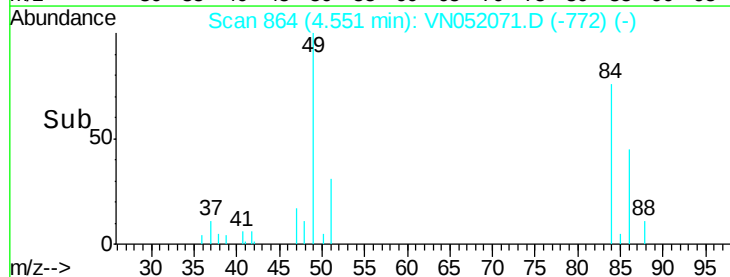
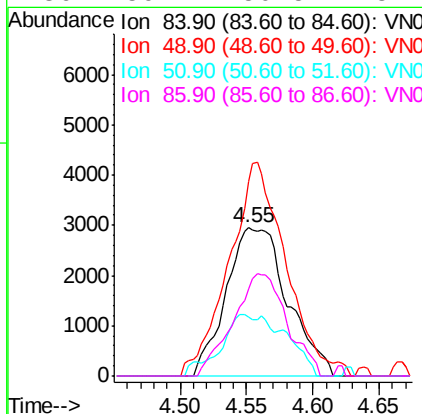
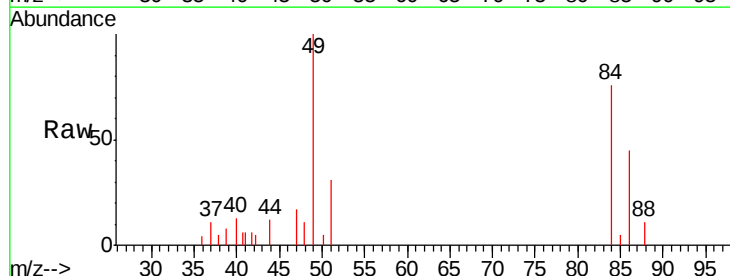
Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#01

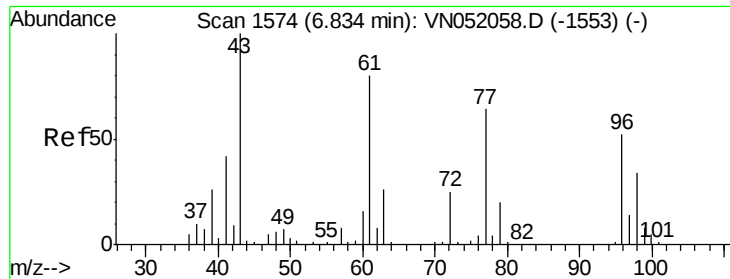
Tgt Ion: 43 Resp: 1523
Ion Ratio Lower Upper
43 100
74 42.1 17.9 26.9#



#20
Methylene Chloride
Concen: 2.39 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion: 84 Resp: 9531
Ion Ratio Lower Upper
84 100
49 121.6 110.6 165.8
51 40.2 33.7 50.5
86 59.1 50.5 75.7

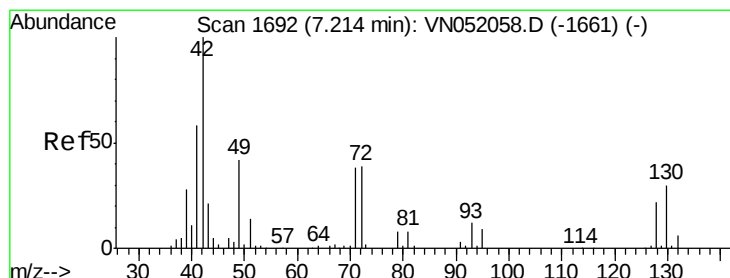
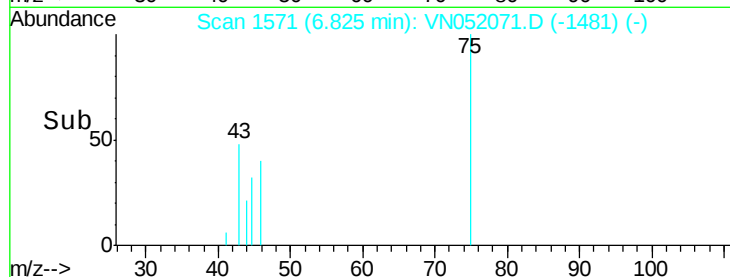
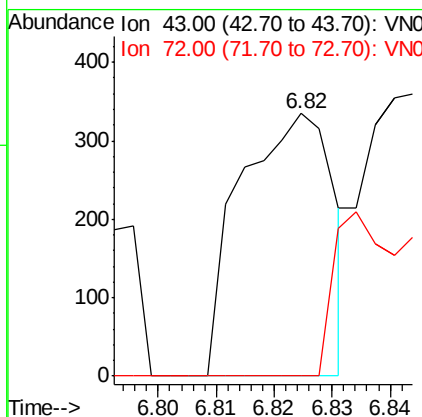
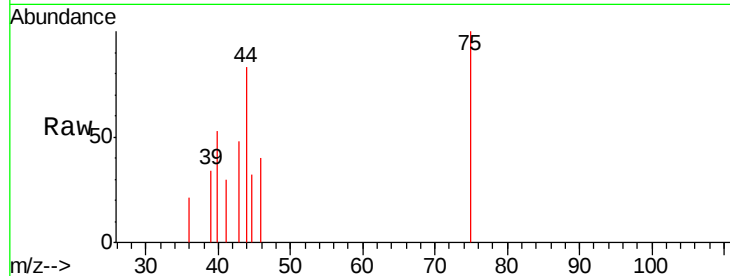




#25
2-Butanone
Concen: 0.23 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.01 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

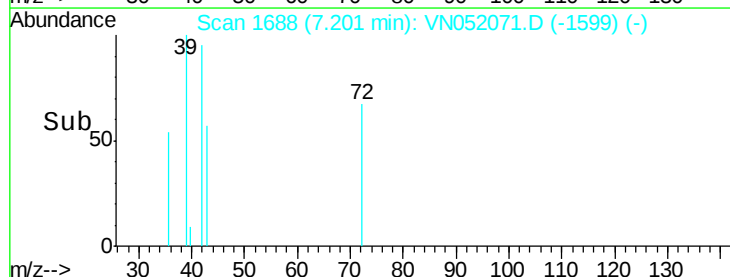
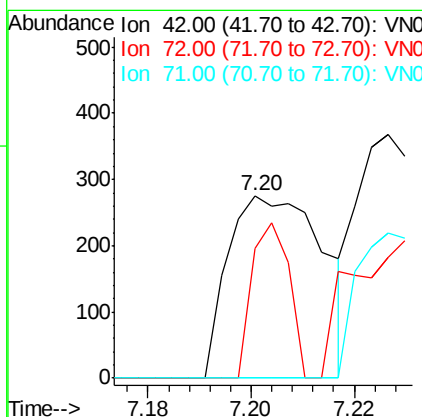
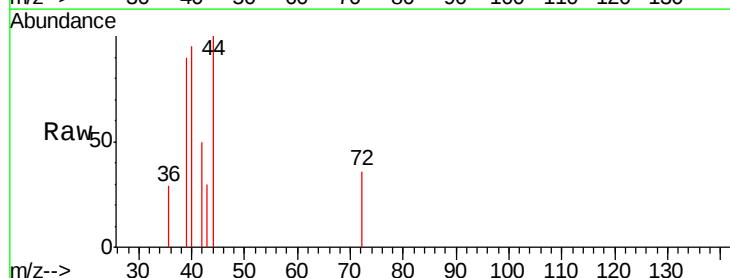
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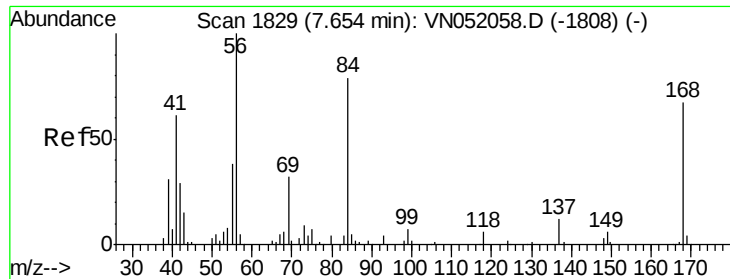
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
72 0.0 20.2 30.2#



#29
Tetrahydrofuran
Concen: 0.32 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion: 42 Resp: 350
Ion Ratio Lower Upper
42 100
72 33.4 32.5 48.7
71 0.0 30.6 46.0#

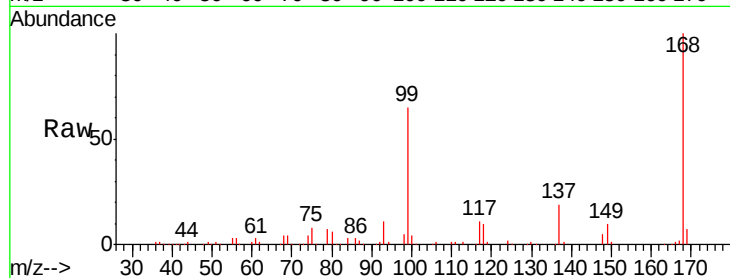




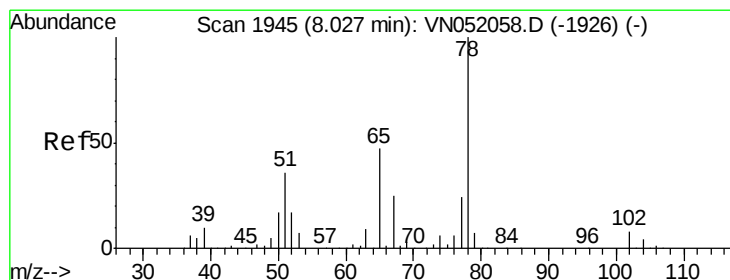
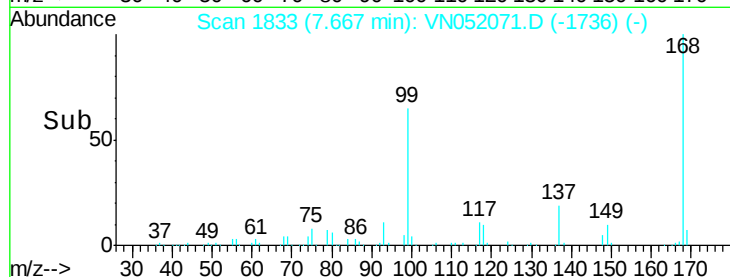
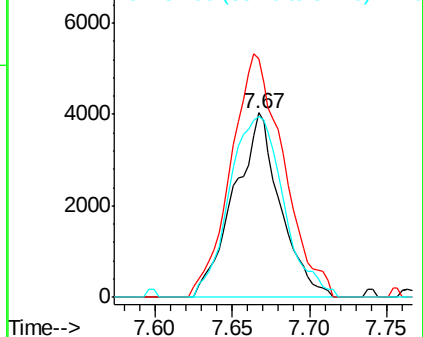
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#01

Tgt Ion: 56 Resp: 8402
Ion Ratio Lower Upper
56 100
69 129.3 25.8 38.6#
84 98.3 63.5 95.3#

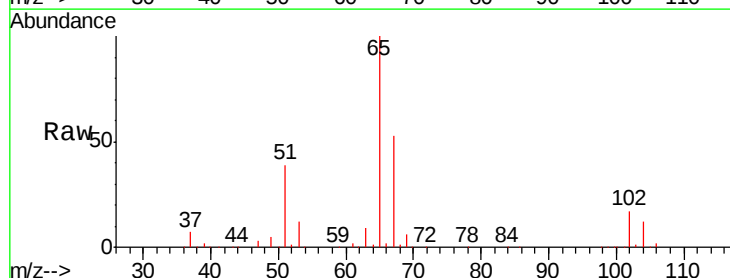


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

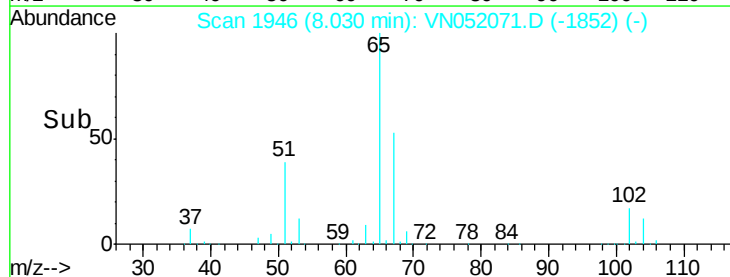
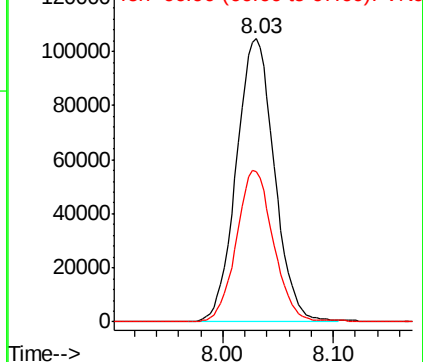


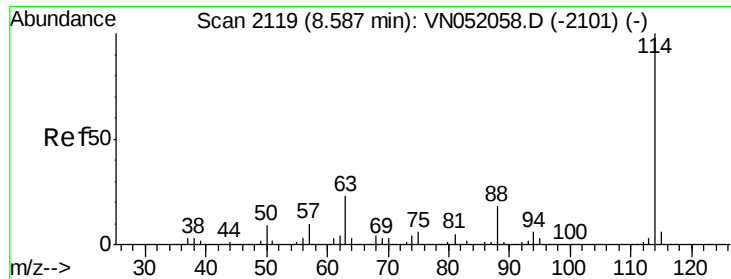
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion: 65 Resp: 250262
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.2



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

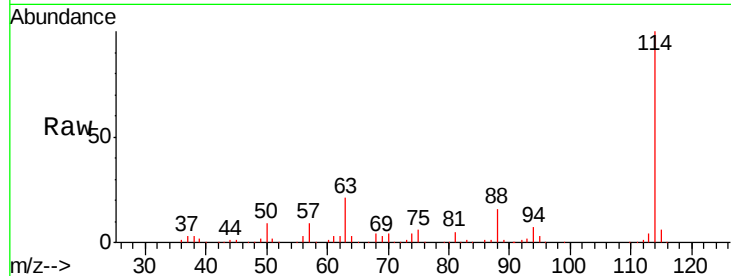




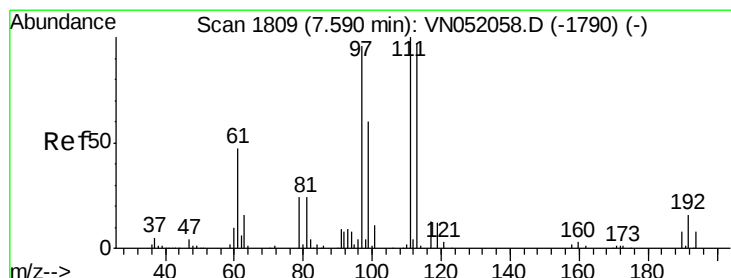
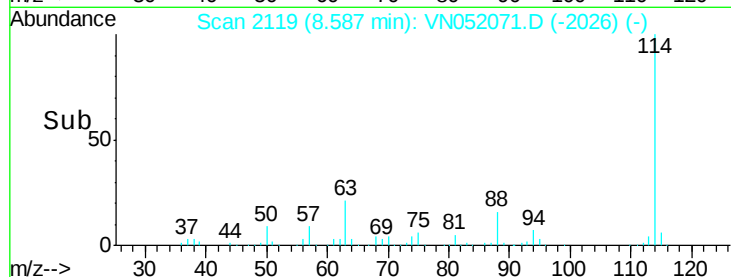
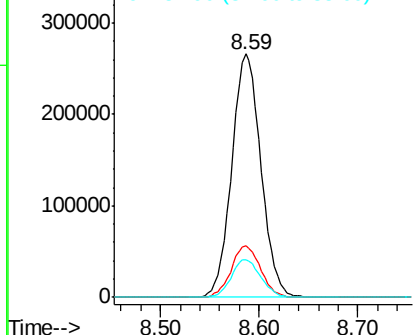
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

Tgt Ion:114 Resp: 547793
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 46.0
 88 15.5 0.0 35.4

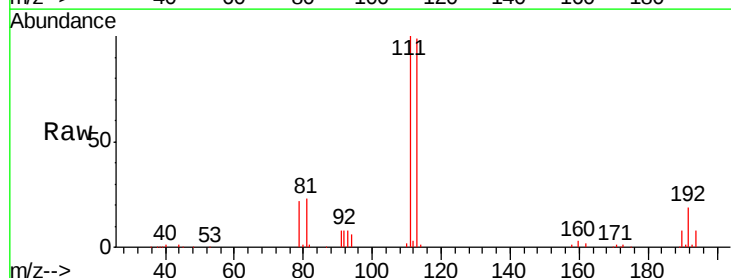


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

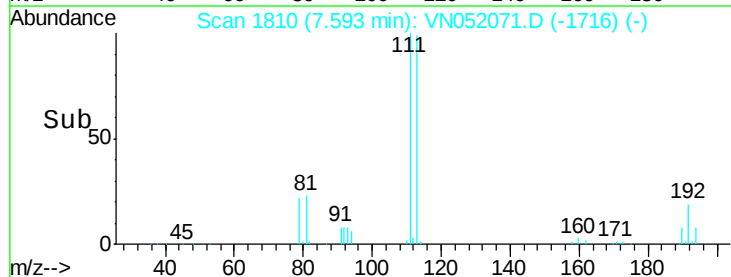
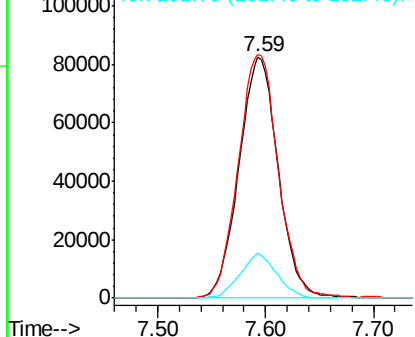


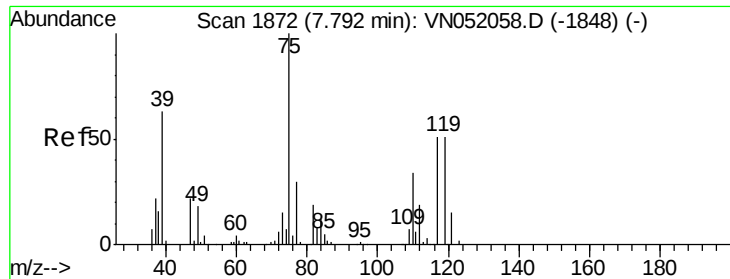
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Tgt Ion:113 Resp: 208198
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.1 124.7
 192 17.5 12.7 19.1



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

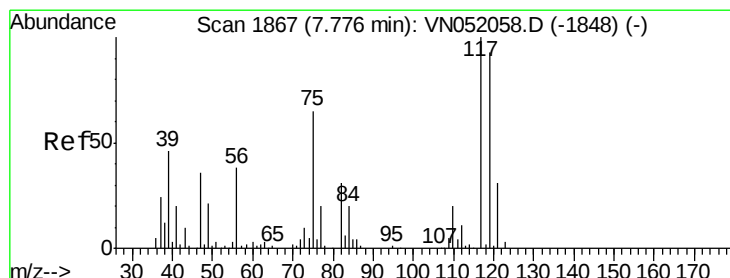
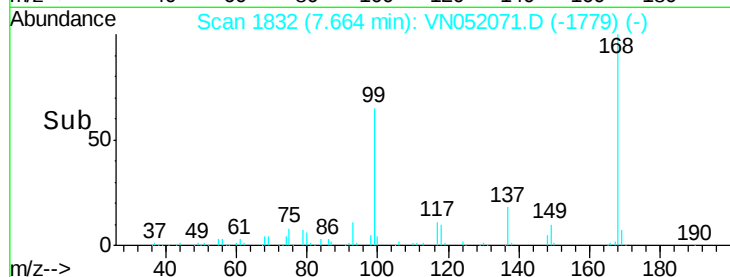
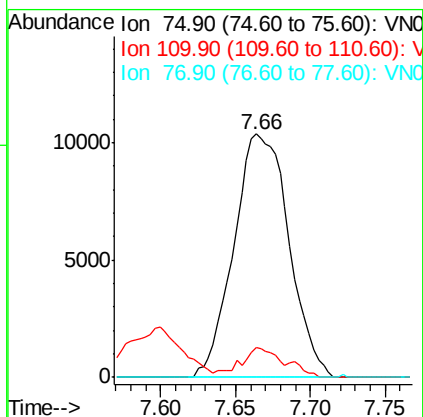
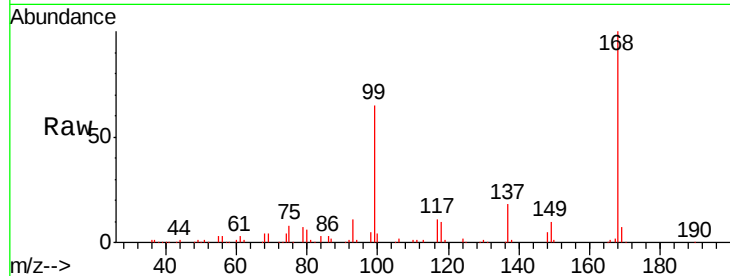




#36
 1,1-Dichloropropene
 Concen: 4.76 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

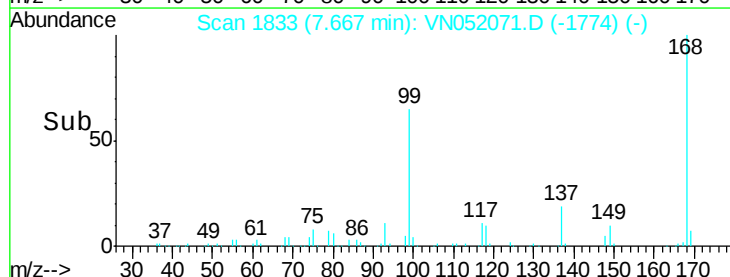
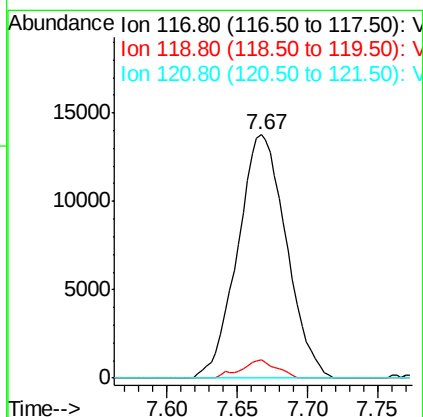
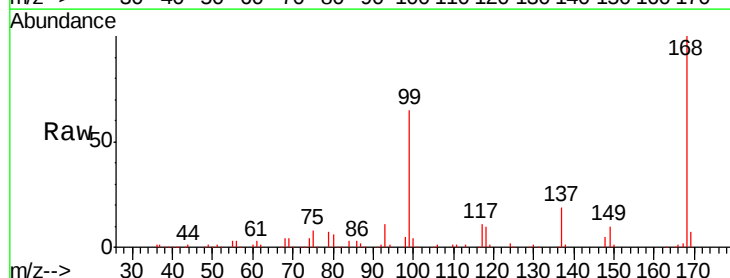
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

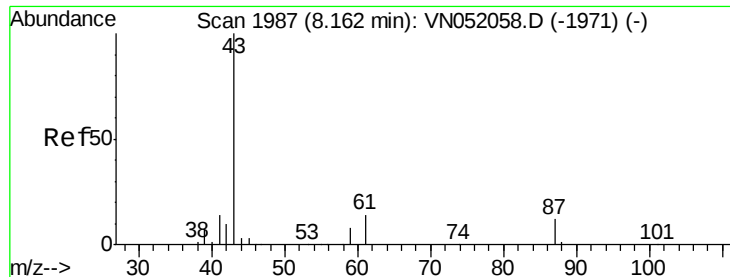
Tgt Ion: 75 Resp: 26494
 Ion Ratio Lower Upper
 75 100
 110 5.0 16.0 48.0#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 6.90 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Tgt Ion: 117 Resp: 33160
 Ion Ratio Lower Upper
 117 100
 119 7.4 74.8 112.2#
 121 0.0 25.1 37.7#





#43

Isopropyl Acetate

Concen: 24.20 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

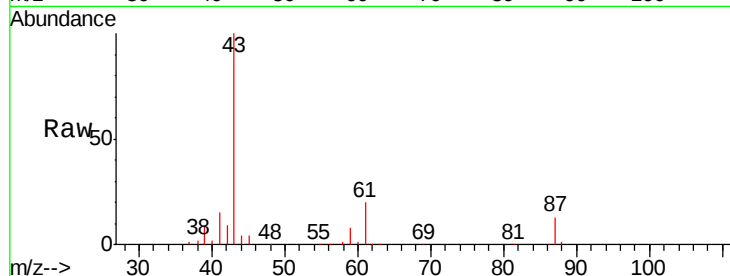
Tgt Ion: 43 Resp: 160470

Ion Ratio Lower Upper

43 100

61 19.2 15.4 23.0

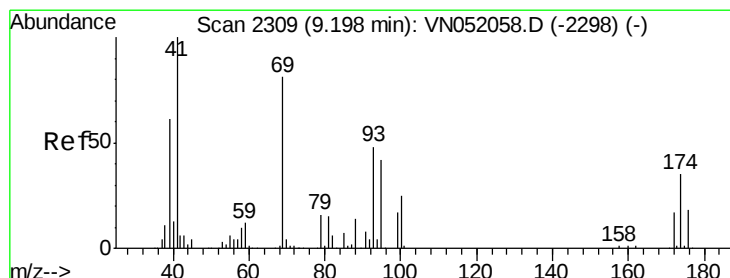
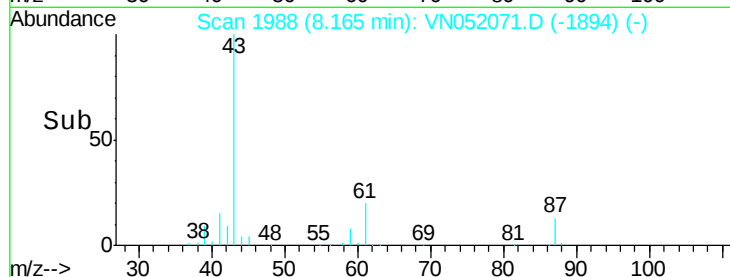
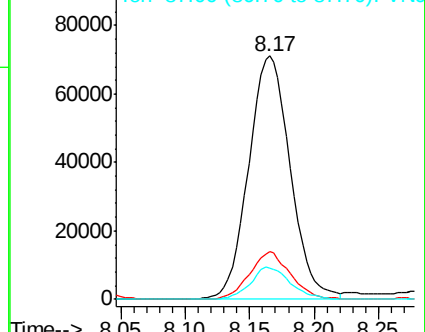
87 12.6 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.35 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.02 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

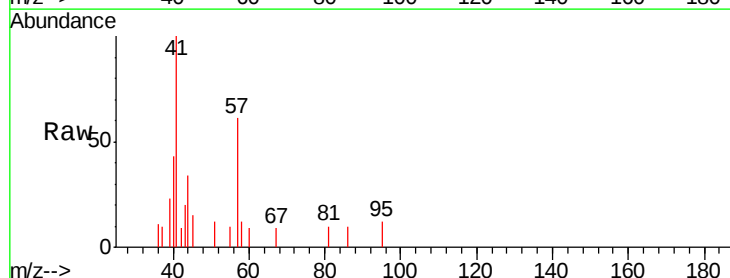
Tgt Ion: 41 Resp: 4530

Ion Ratio Lower Upper

41 100

69 0.0 67.1 100.7#

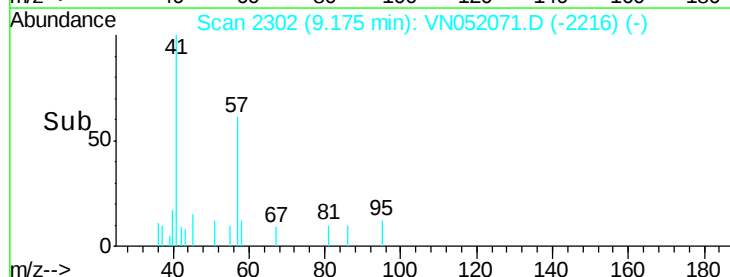
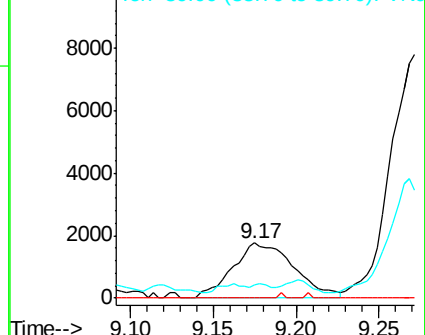
39 6.5 50.5 75.7#

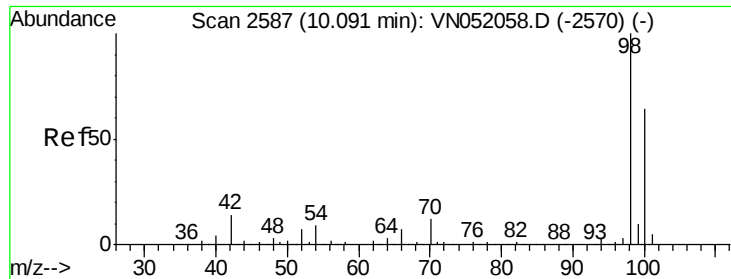


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

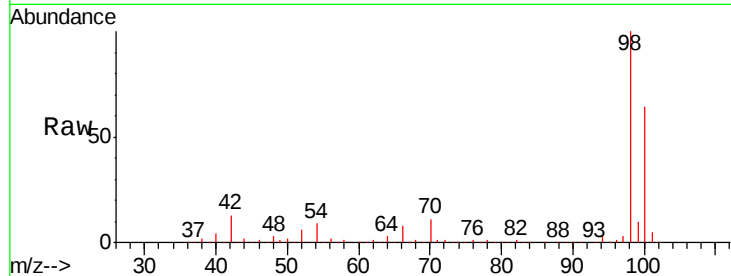
PB114328ZHE#01

Tgt Ion: 98 Resp: 829381

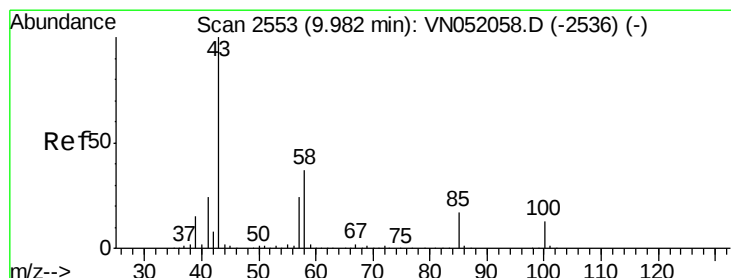
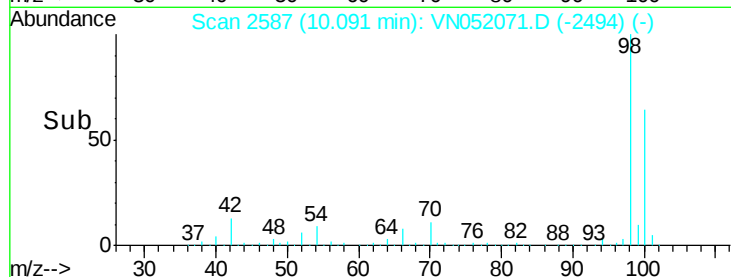
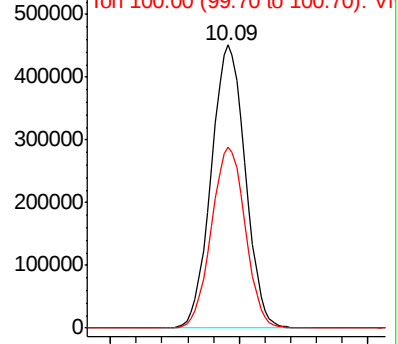
Ion Ratio Lower Upper

98 100

100 63.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN052058.D (-2570) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.49 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN052071.D

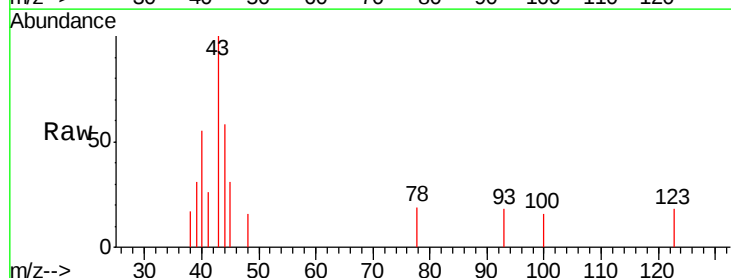
Acq: 31 Oct 2018 14:04

Tgt Ion: 43 Resp: 1780

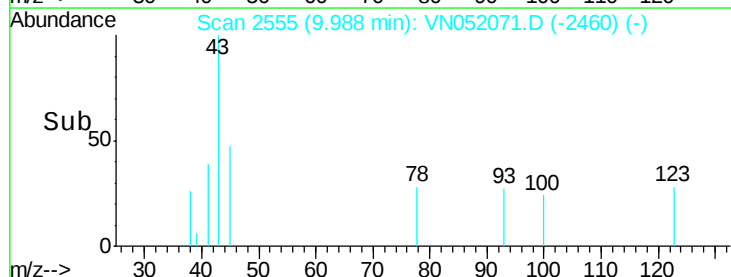
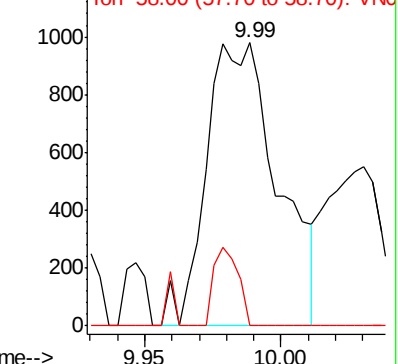
Ion Ratio Lower Upper

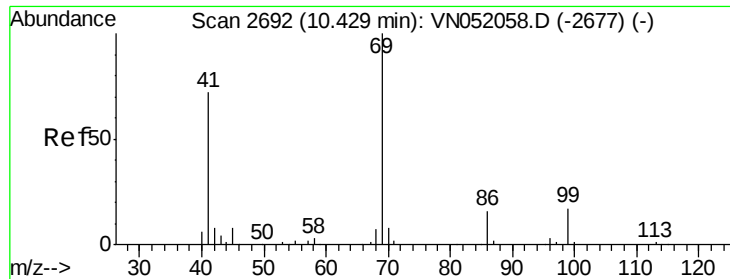
43 100

58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052058.D (-2536) (-)





#56

Ethyl methacrylate

Concen: 0.33 ug/l

RT: 10.22 min Scan# 2627

Delta R.T. -0.21 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

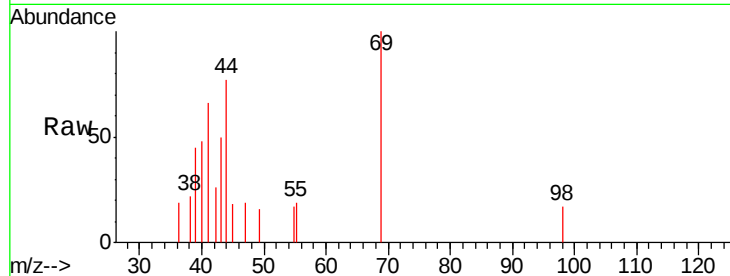
Tgt Ion: 69 Resp: 1641

Ion Ratio Lower Upper

69 100

41 42.8 55.5 83.3#

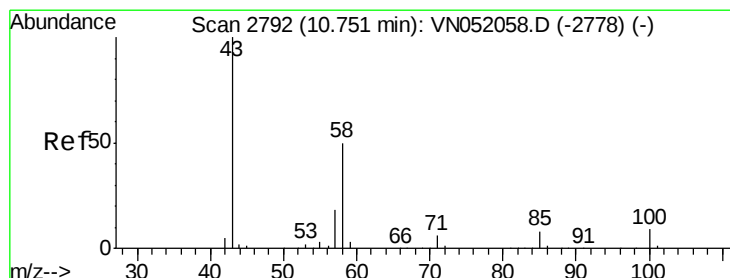
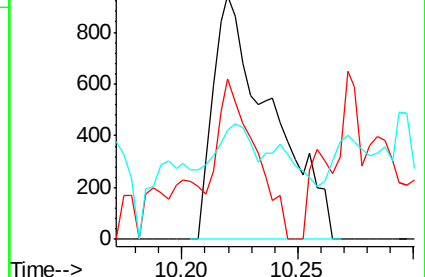
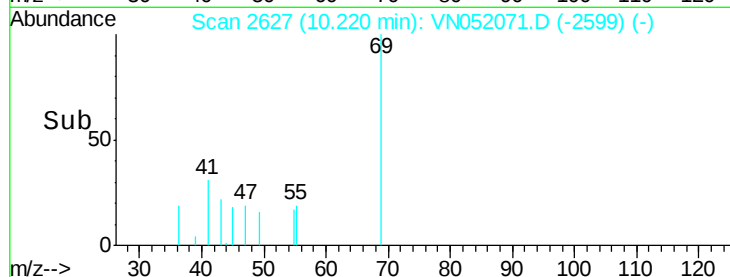
39 15.2 33.0 49.4#



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: 4.22 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN052071.D

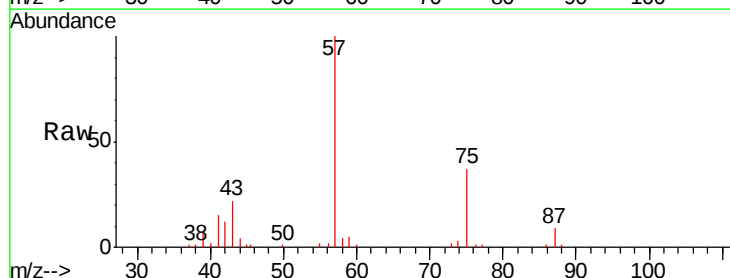
Acq: 31 Oct 2018 14:04

Tgt Ion: 43 Resp: 10845

Ion Ratio Lower Upper

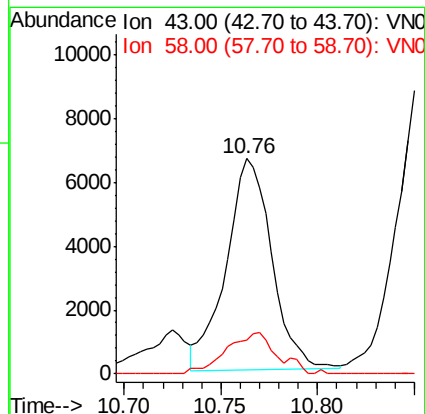
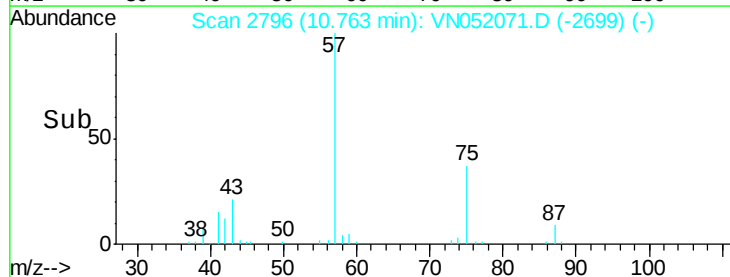
43 100

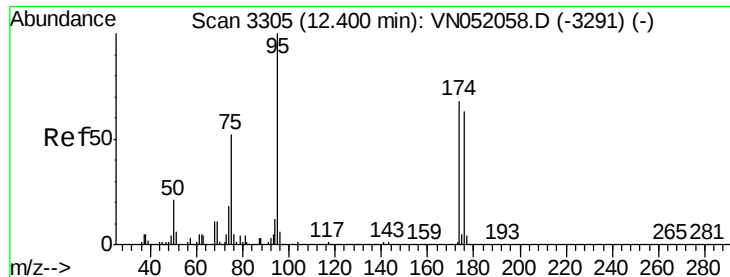
58 19.7 25.2 75.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

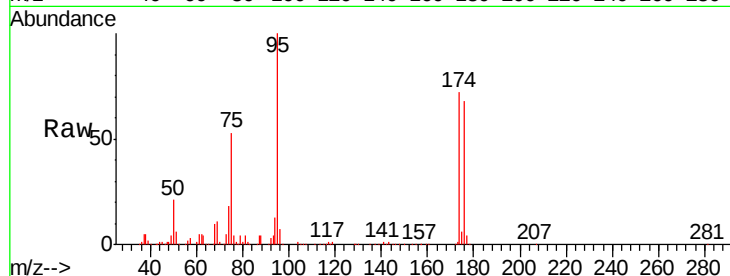
Tgt Ion: 95 Resp: 284287

Ion Ratio Lower Upper

95 100

174 72.1 0.0 131.8

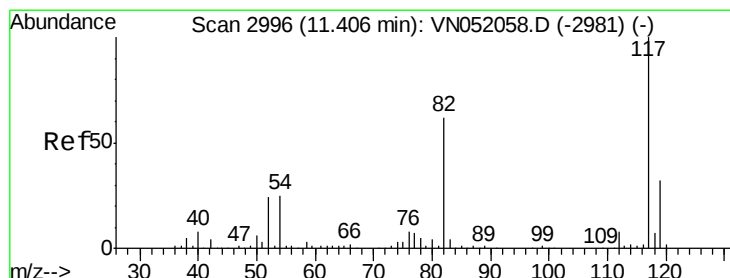
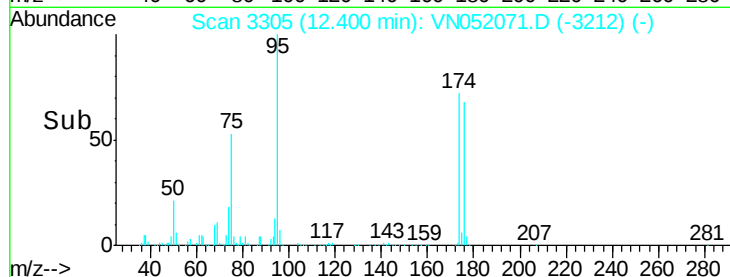
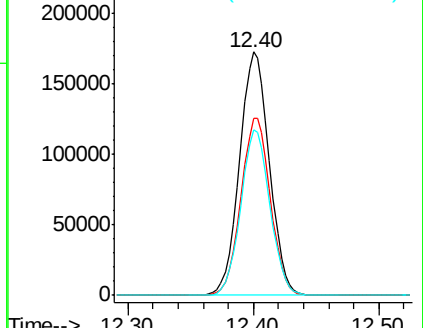
176 66.8 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

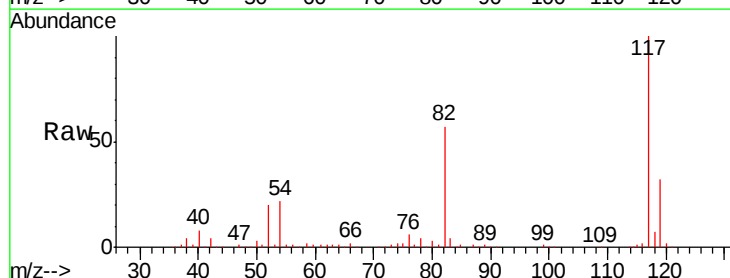
Tgt Ion: 117 Resp: 526356

Ion Ratio Lower Upper

117 100

82 56.7 49.9 74.9

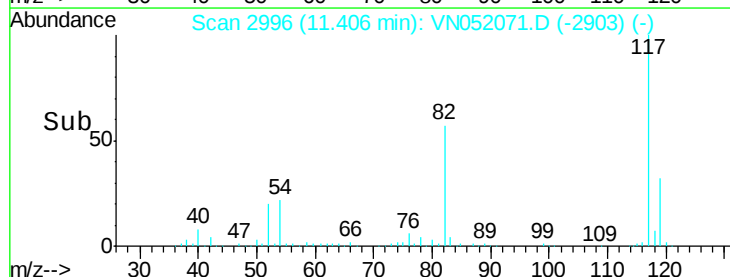
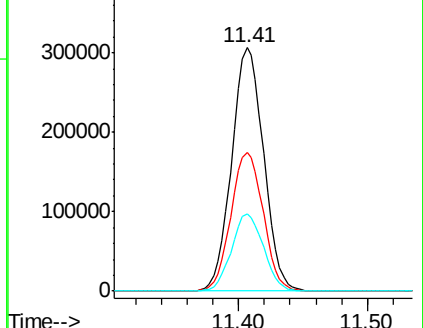
119 31.7 25.7 38.5

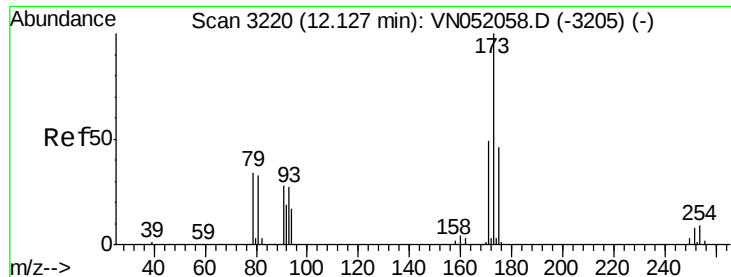


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

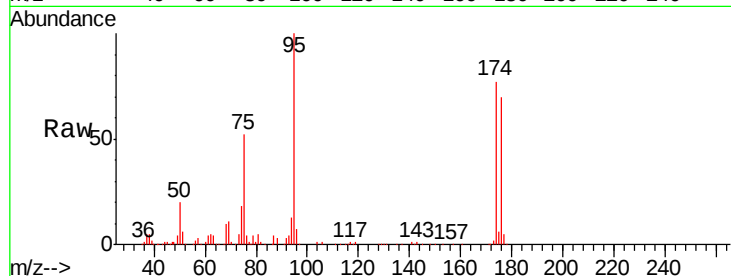




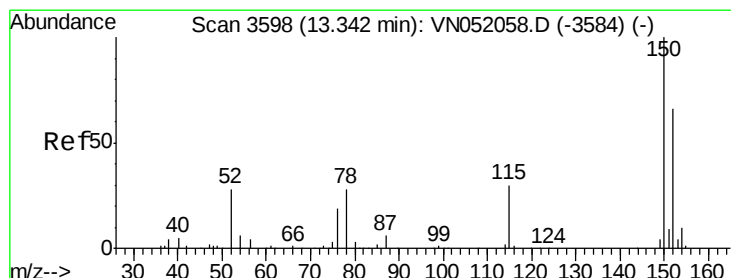
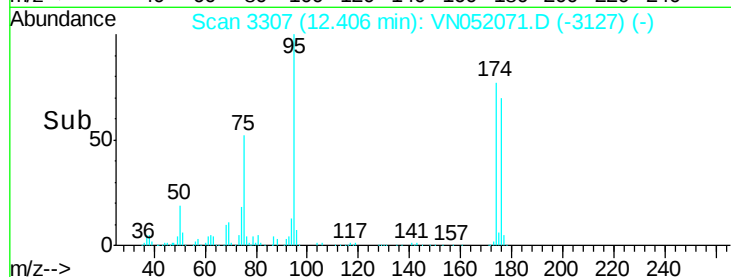
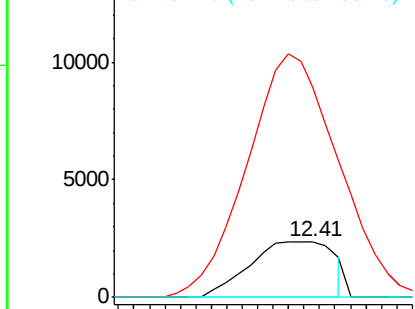
#71
Bromoform
Concen: 3.71 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB114328ZHE#01

Tgt Ion:173 Resp: 3573
Ion Ratio Lower Upper
173 100
175 417.9 23.9 71.7#
254 0.0 0.0 0.0

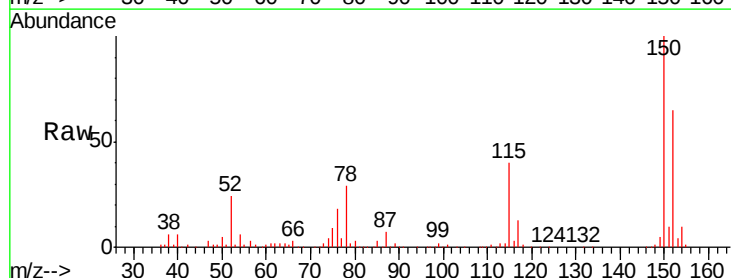


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

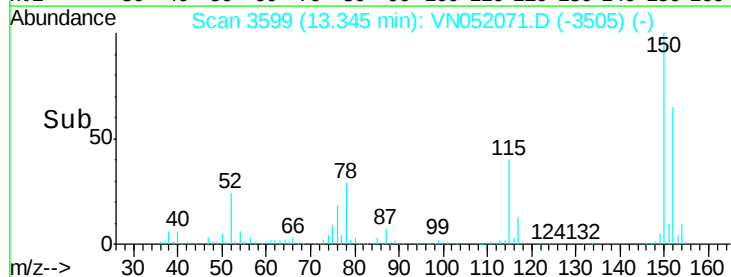
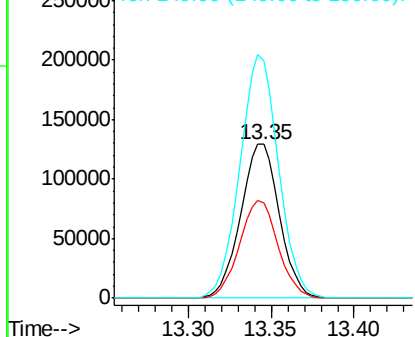


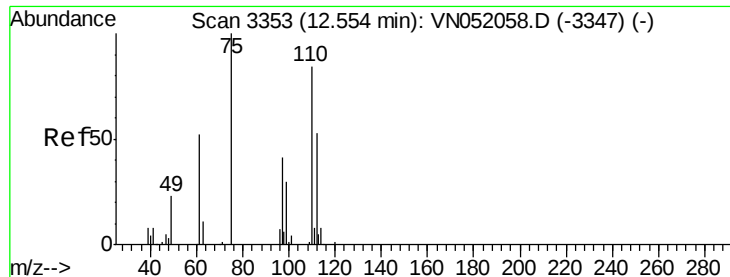
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052071.D
Acq: 31 Oct 2018 14:04

Tgt Ion:152 Resp: 209675
Ion Ratio Lower Upper
152 100
115 63.2 31.6 95.0
150 157.8 0.0 345.0



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





#76

1,2,3-Trichloropropane

Concen: 38.63 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

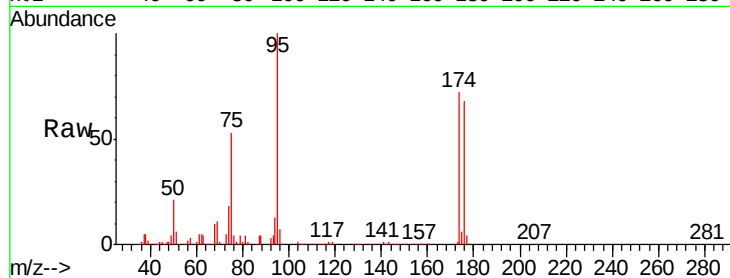
PB114328ZHE#01

Tgt Ion: 75 Resp: 148263

Ion Ratio Lower Upper

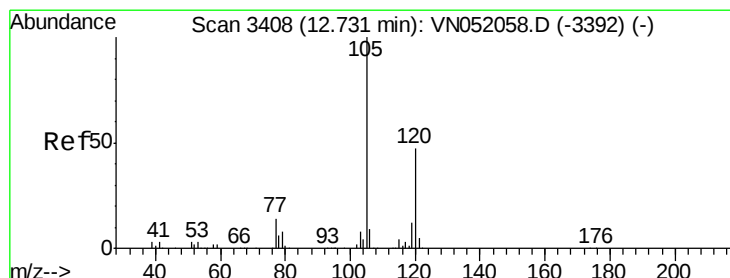
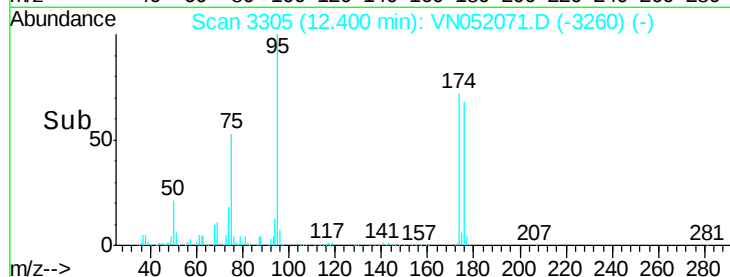
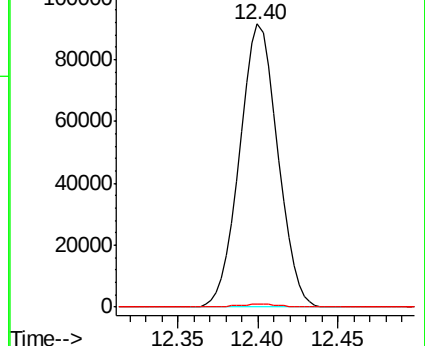
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#80

1,3,5-Trimethylbenzene

Concen: 0.27 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052071.D

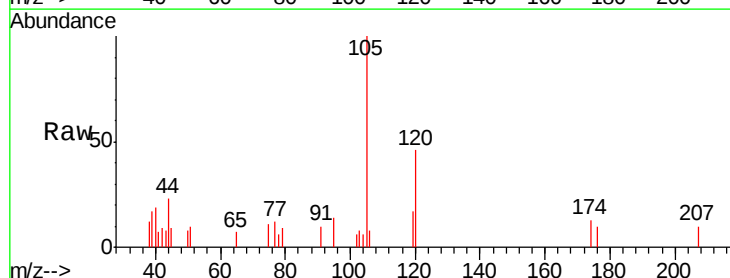
Acq: 31 Oct 2018 14:04

Tgt Ion: 105 Resp: 3885

Ion Ratio Lower Upper

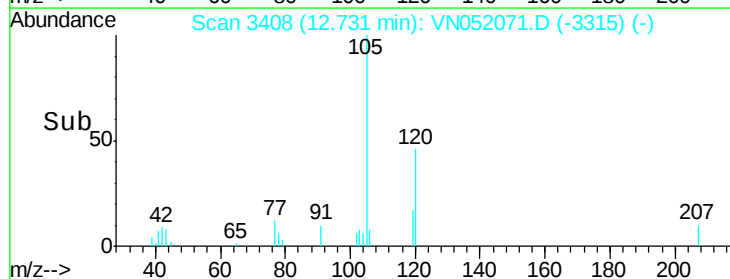
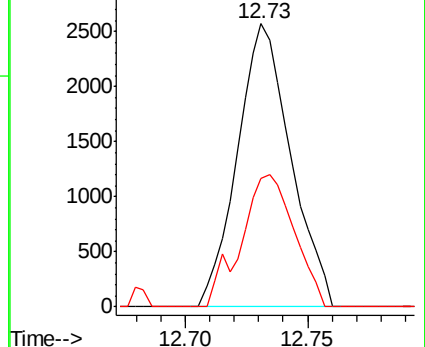
105 100

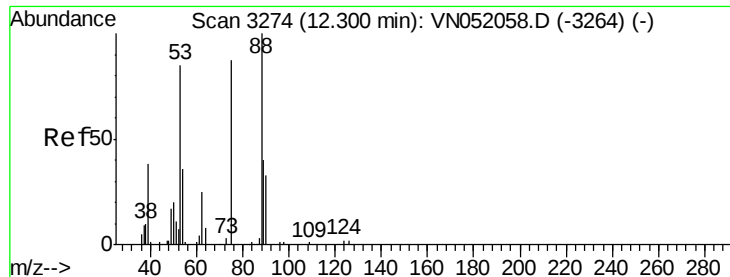
120 46.7 23.4 70.0



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: 128.21 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

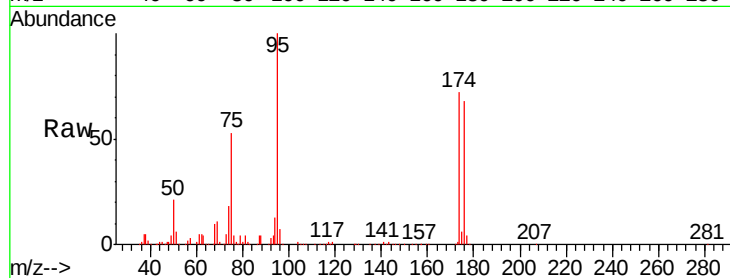
Tgt Ion: 75 Resp: 148263

Ion Ratio Lower Upper

75 100

53 0.1 81.8 122.6#

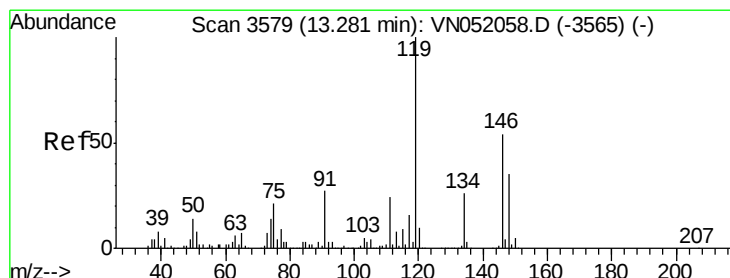
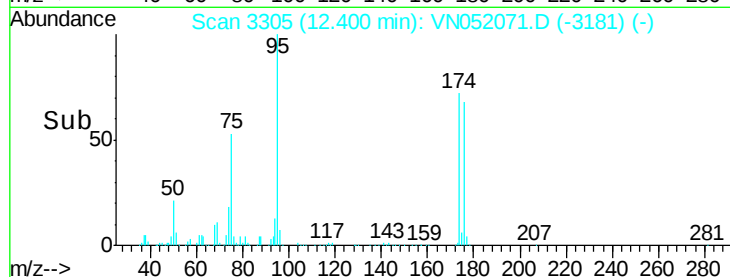
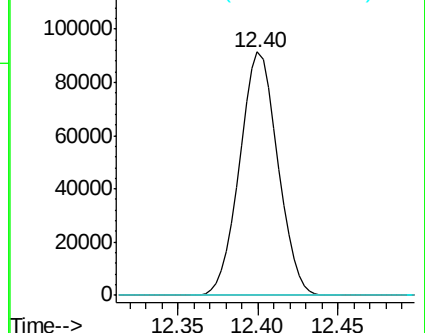
89 0.0 36.6 54.8#



Abundance Ion 74.90 (74.60 to 75.60): VN052071.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052071.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052071.D (-3181) (-)



#87

1,3-Dichlorobenzene

Concen: 0.22 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

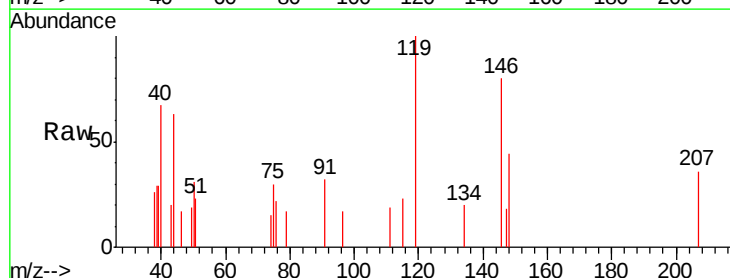
Tgt Ion: 146 Resp: 1501

Ion Ratio Lower Upper

146 100

111 39.0 22.9 68.8

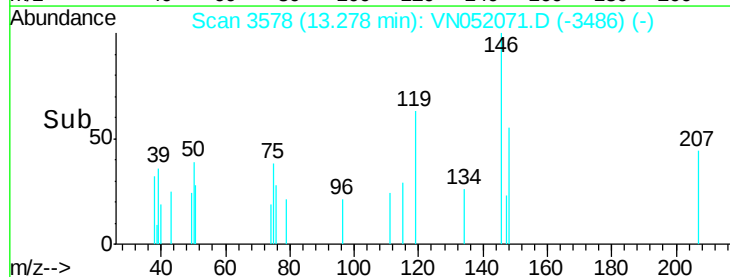
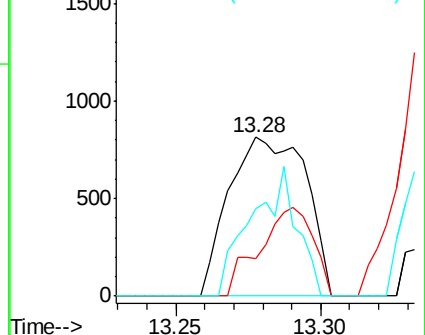
148 48.4 31.8 95.4

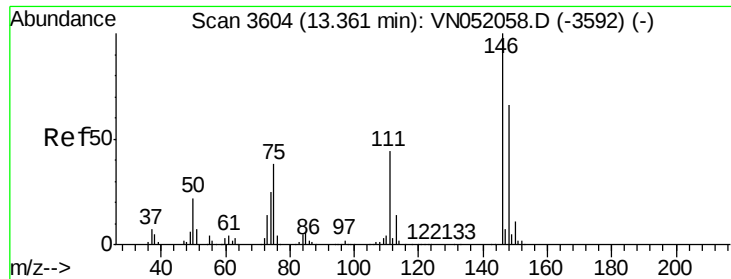


Abundance Ion 145.90 (145.60 to 146.60): VN052071.D (-3486) (-)

Ion 110.90 (110.60 to 111.60): VN052071.D (-3486) (-)

Ion 147.90 (147.60 to 148.60): VN052071.D (-3486) (-)

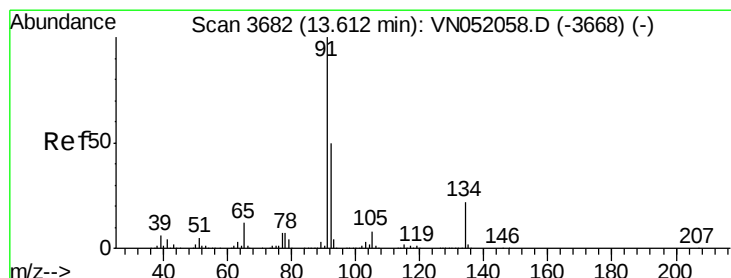
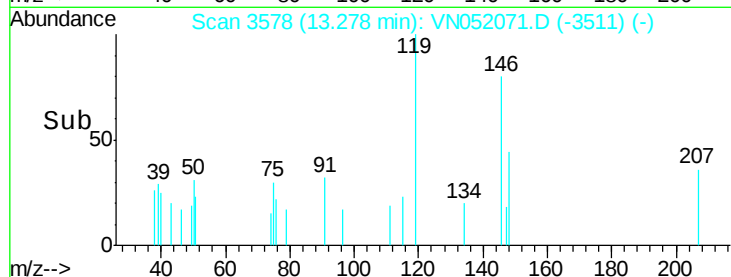
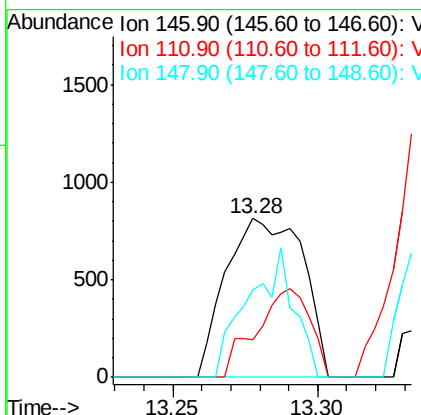
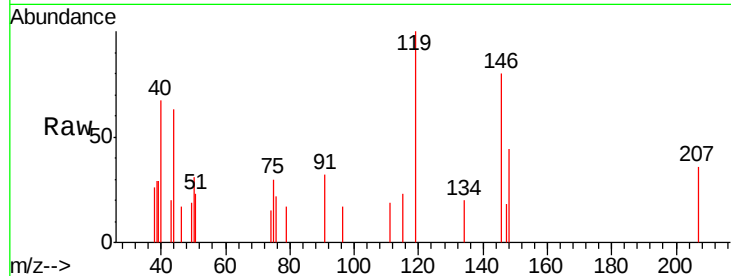




#88
 1,4-Dichlorobenzene
 Concen: 0.22 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.08 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

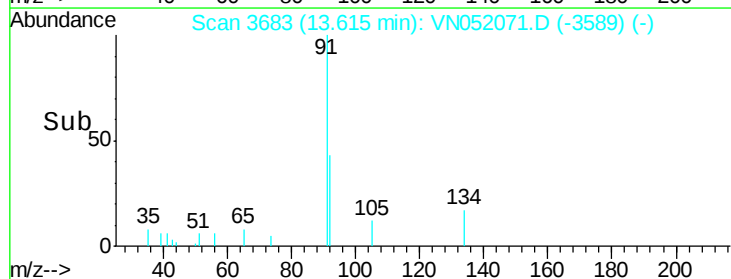
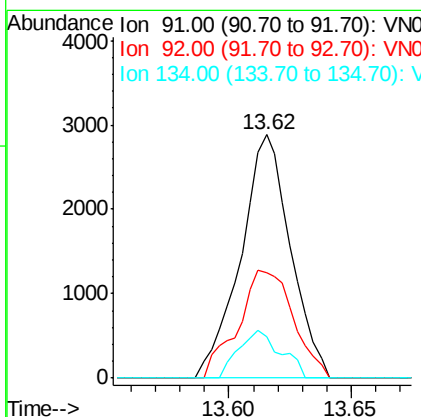
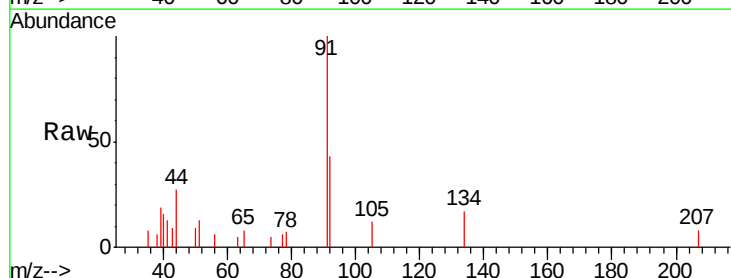
Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

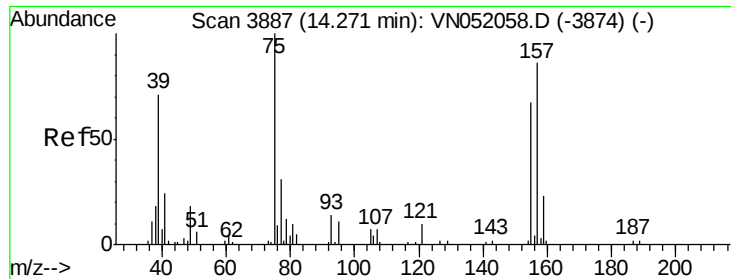
Tgt Ion: 146 Resp: 1501
 Ion Ratio Lower Upper
 146 100
 111 39.0 21.9 65.8
 148 48.4 32.6 98.0



#89
 n-Butylbenzene
 Concen: 0.30 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Tgt Ion: 91 Resp: 4071
 Ion Ratio Lower Upper
 91 100
 92 49.0 25.3 75.8
 134 16.6 11.2 33.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.47 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

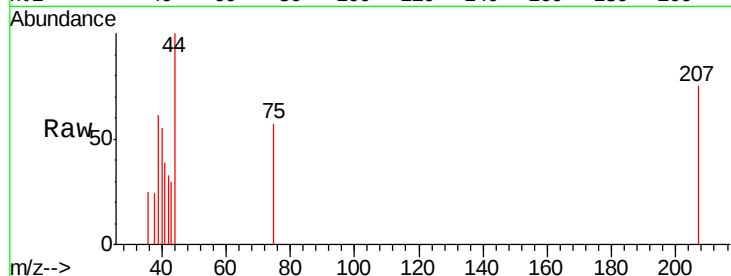
Tgt Ion: 75 Resp: 351

Ion Ratio Lower Upper

75 100

155 0.0 34.0 102.0#

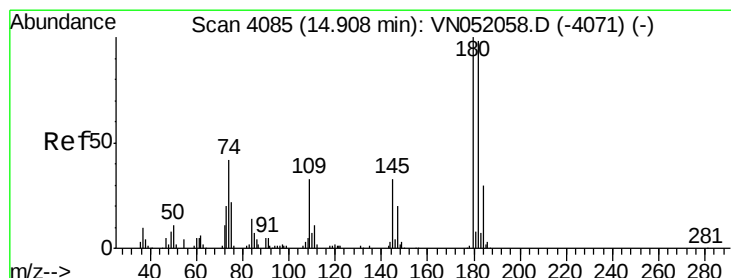
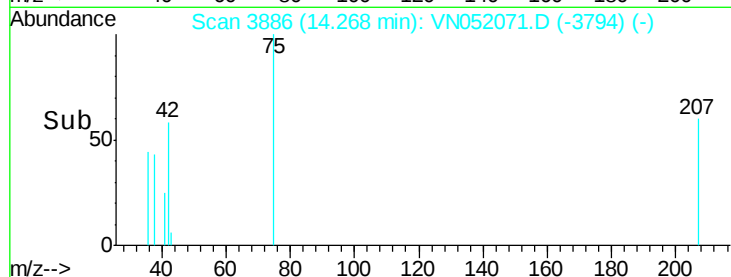
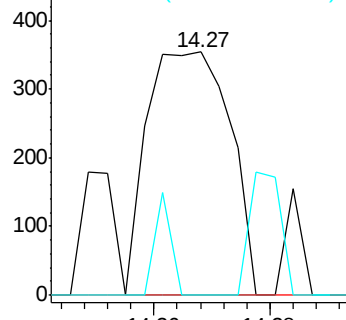
157 8.3 42.1 126.4#



Abundance Ion 74.90 (74.60 to 75.60): VN052071.D (-3794) (-)

Ion 154.80 (154.50 to 155.50): VN052071.D (-3794) (-)

Ion 156.80 (156.50 to 157.50): VN052071.D (-3794) (-)



#93

1,2,4-Trichlorobenzene

Concen: 1.00 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

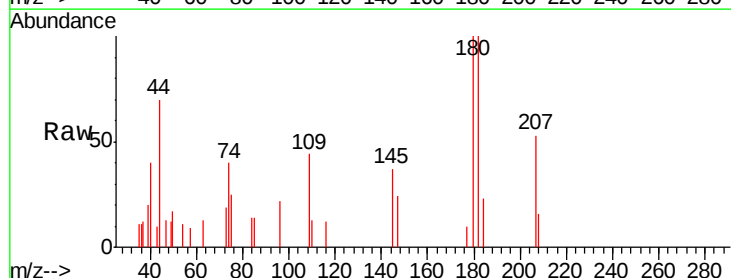
Tgt Ion: 180 Resp: 2406

Ion Ratio Lower Upper

180 100

182 96.0 49.1 147.4

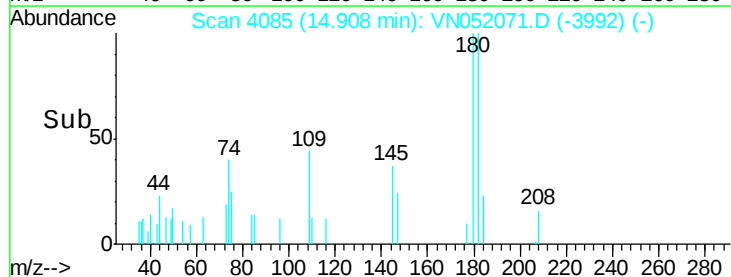
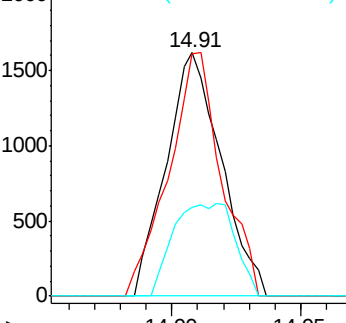
145 42.6 16.4 49.2

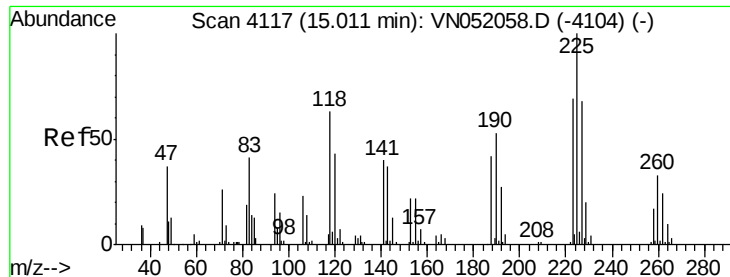


Abundance Ion 179.80 (179.50 to 180.50): VN052071.D (-3992) (-)

Ion 181.80 (181.50 to 182.50): VN052071.D (-3992) (-)

Ion 144.80 (144.50 to 145.50): VN052071.D (-3992) (-)





#94

Hexachlorobutadiene

Concen: 0.78 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. -0.00 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB114328ZHE#01

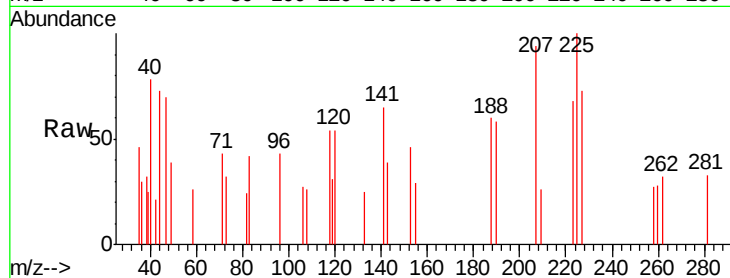
Tgt Ion:225 Resp: 1046

Ion Ratio Lower Upper

225 100

223 58.5 33.1 99.3

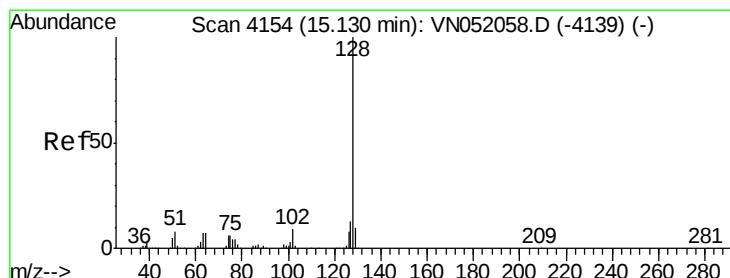
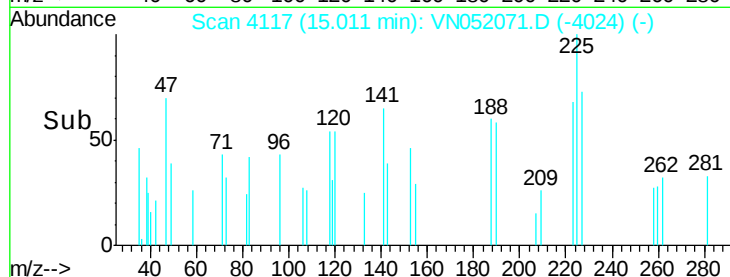
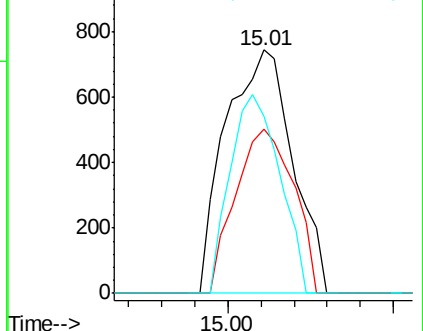
227 60.3 32.6 97.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 1.04 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN052071.D

Acq: 31 Oct 2018 14:04

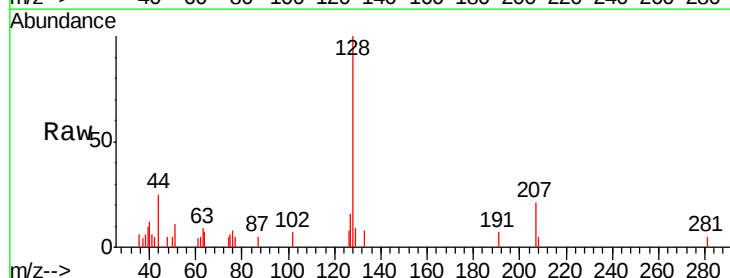
Tgt Ion:128 Resp: 6228

Ion Ratio Lower Upper

128 100

127 16.0 10.5 15.7#

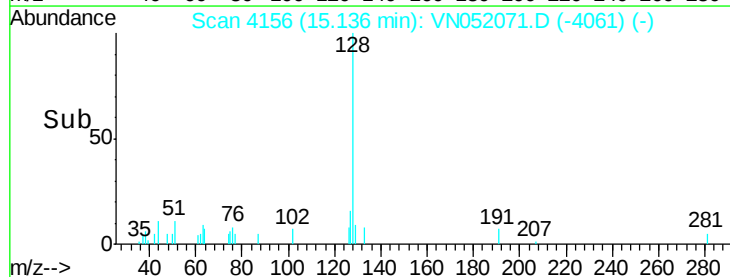
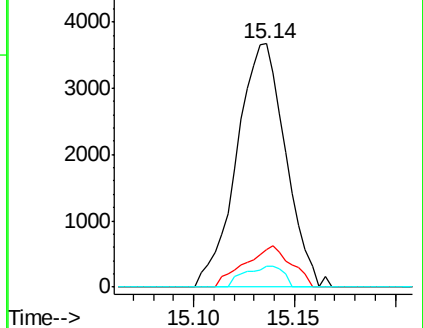
129 6.8 8.6 12.8#

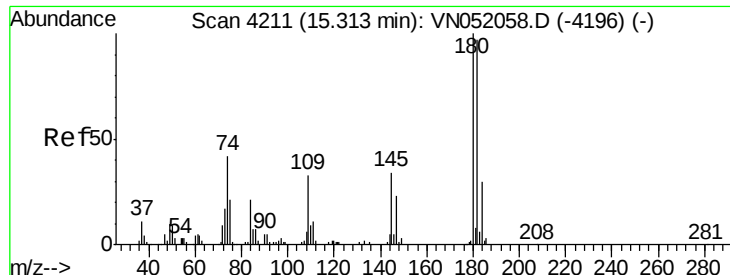


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 1.32 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN052071.D
 Acq: 31 Oct 2018 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB114328ZHE#01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	77.6	47.2	141.6
145	26.9	16.6	49.7

