

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055018.D
 Acq On : 12 Apr 2019 23:45
 Operator : JC/SP
 Sample : K2358-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

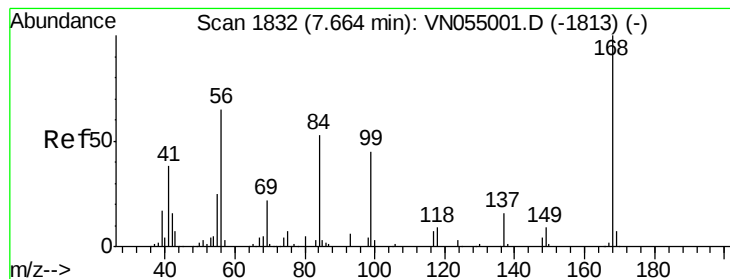
Quant Time: Apr 15 01:04:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858456	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	711193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	235454	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	348438	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
35) Dibromofluoromethane	7.59	113	275026	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1018007	50.65	ug/l	0.00
Spiked Amount			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	294572	43.51	ug/l	0.00
Spiked Amount			Recovery	=	87.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	203	0.491	ug/l #	72
13) Acrolein	3.62	56	403	0.807	ug/l	97
16) Acetone	3.83	43	8588	4.652	ug/l	98
18) Methyl Acetate	4.35	43	5339	0.933	ug/l	100
20) Methylene Chloride	4.55	84	127239	20.335	ug/l	98
29) Tetrahydrofuran	7.23	42	761	0.408	ug/l #	83
30) Chloroform	7.37	83	2476	0.234	ug/l	99
31) Cyclohexane	7.66	56	10621	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	41083	5.178	ug/l #	49
38) Carbon Tetrachloride	7.67	117	49337	6.606	ug/l #	16
43) Isopropyl Acetate	8.18	43	14651	1.439	ug/l	98
45) 1,2-Dichloropropane	9.27	63	1571	0.232	ug/l #	44
48) Methyl methacrylate	9.18	41	7952	1.516	ug/l #	17
51) 4-Methyl-2-Pentanone	9.99	43	4919	0.825	ug/l #	83
54) cis-1,3-Dichloropropene	9.91	75	48301	5.490	ug/l #	66
57) 1,3-Dichloropropane	10.77	76	9922	1.088	ug/l #	43
59) 2-Hexanone	10.77	43	161292	43.284	ug/l #	53
71) Bromoform	12.40	173	2859	3.367	ug/l #	1
74) N-amyl acetate	11.88	43	16473	2.730	ug/l #	55
76) 1,2,3-Trichloropropane	12.40	75	150845	34.823	ug/l #	100
77) Bromobenzene	12.53	156	68	Below Cal	#	37
80) 1,3,5-Trimethylbenzene	12.73	105	6196	0.380	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	150845	143.731	ug/l #	2
84) 1,2,4-Trimethylbenzene	13.04	105	6592	0.422	ug/l	92
93) 1,2,4-Trichlorobenzene	14.91	180	331	3.611	ug/l	68
95) Naphthalene	15.14	128	6223	5.302	ug/l #	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

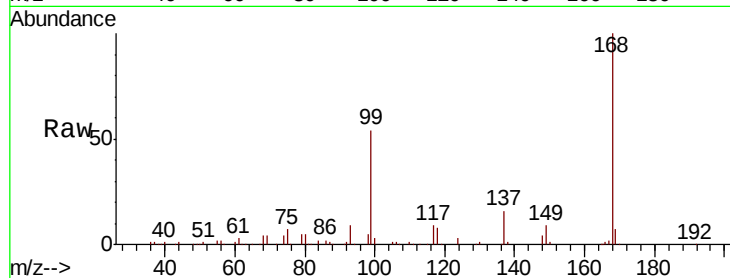
TP-9

Tot Ion:168 Resp: 53526

Ion Ratio Lower Upper

168 100

99 53.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): VN055018.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055018.D (-1739) (-)

7.67

250000

200000

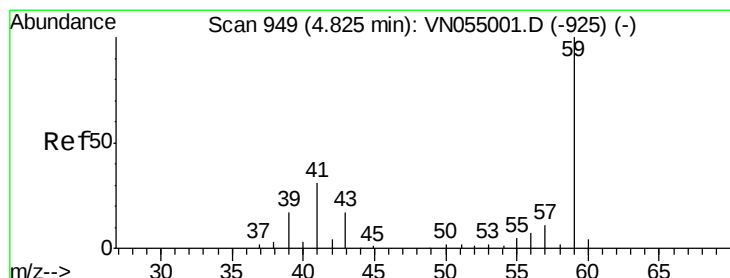
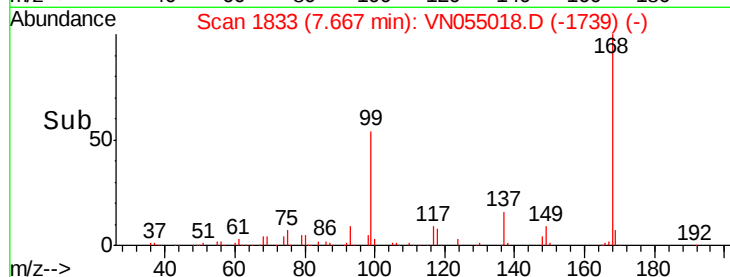
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.491 ug/l

RT: 4.82 min Scan# 949

Delta R.T. 0.00 min

Lab File: VN055018.D

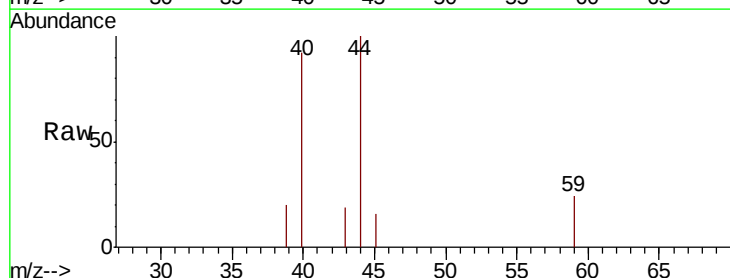
Acq: 12 Apr 2019 23:45

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN055018.D (-856) (-)

Ion 57.00 (56.70 to 57.70): VN055018.D (-856) (-)

4.82

250

200

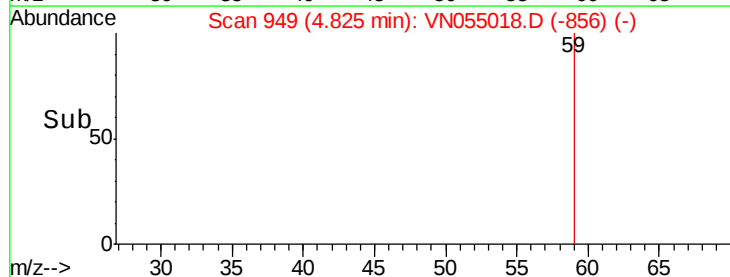
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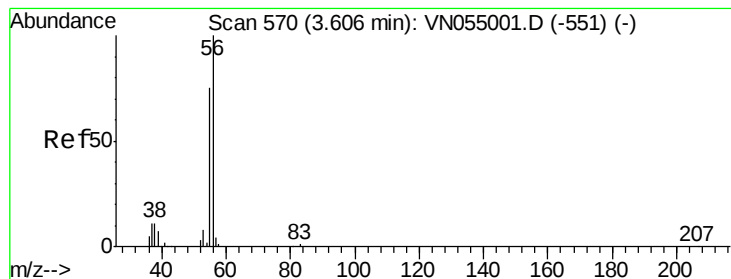
100

50

0

Time-->





#13

Acrolein

Concen: 0.807 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

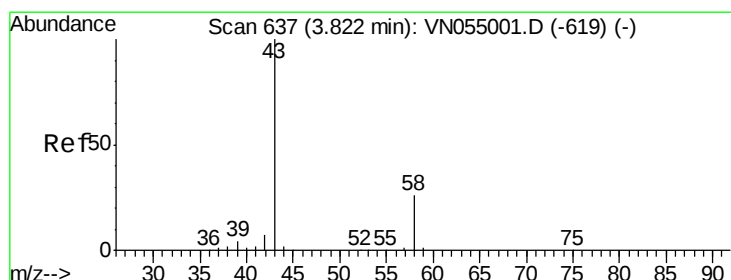
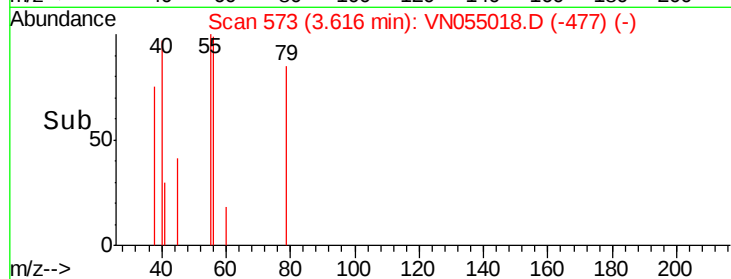
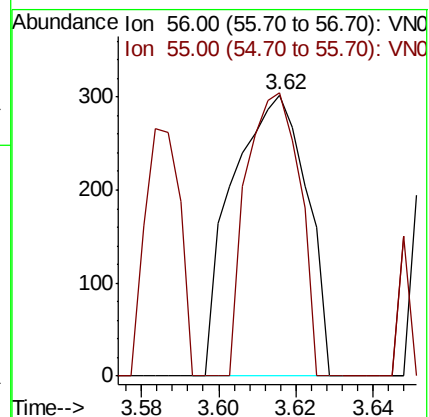
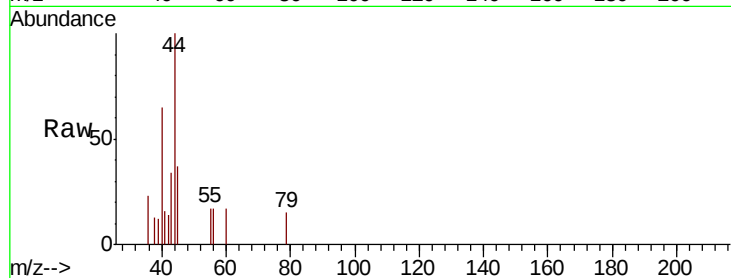
TP-9

Tot Ion: 56 Resp: 403

Ion Ratio Lower Upper

56 100

55 71.7 59.5 89.3



#16

Acetone

Concen: 4.652 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055018.D

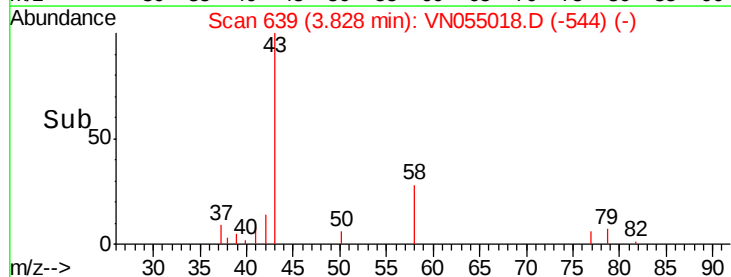
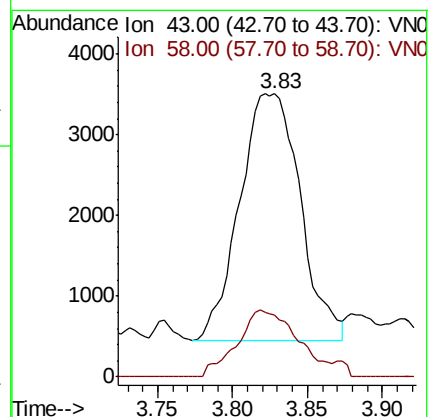
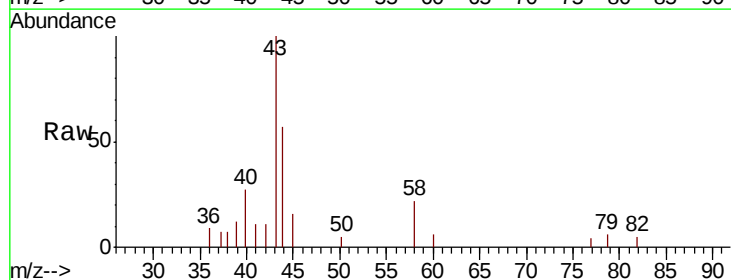
Acq: 12 Apr 2019 23:45

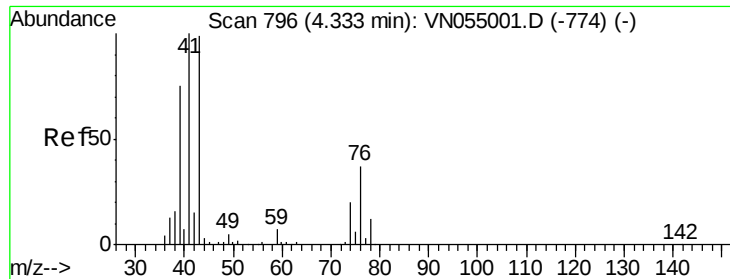
Tgt Ion: 43 Resp: 8588

Ion Ratio Lower Upper

43 100

58 24.9 20.9 31.3

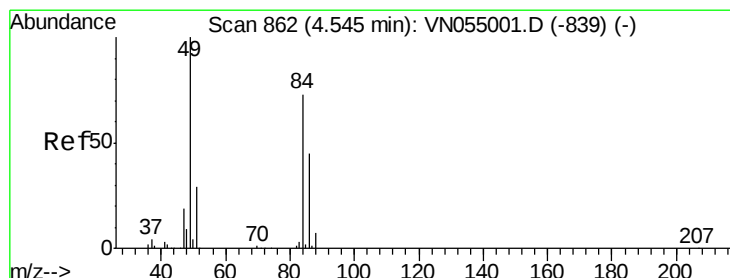
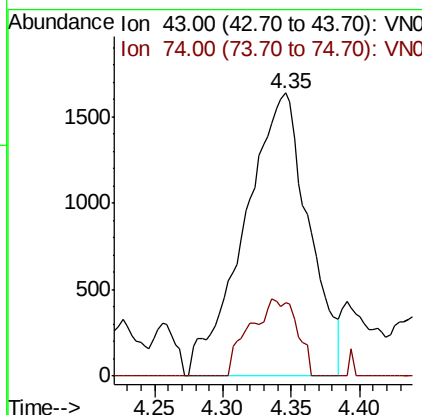
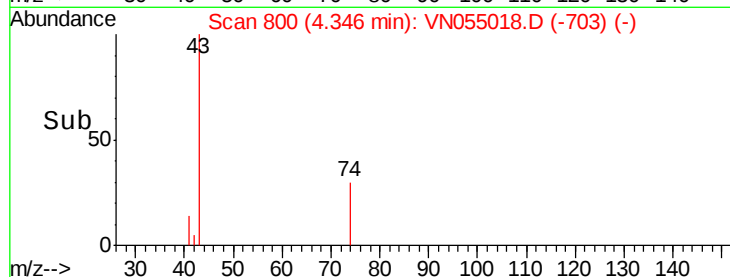
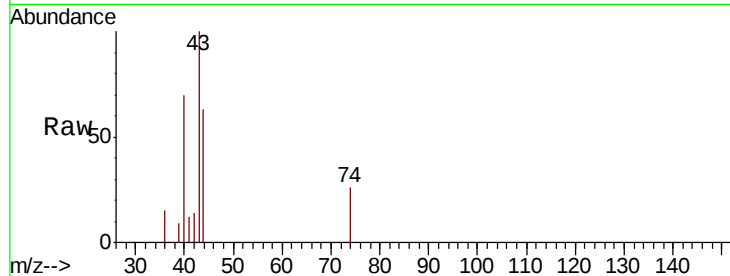




#18
Methyl Acetate
Concen: 0.933 ug/l
RT: 4.35 min Scan# 800
Delta R.T. 0.01 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

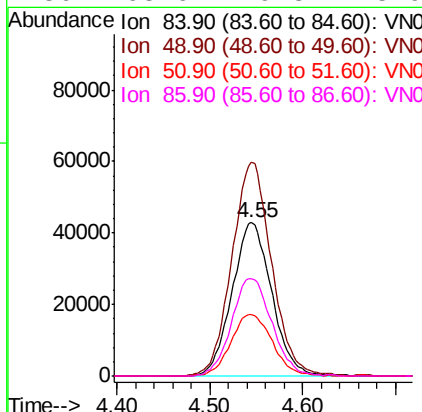
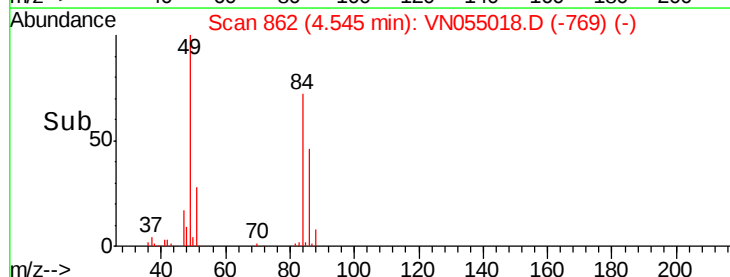
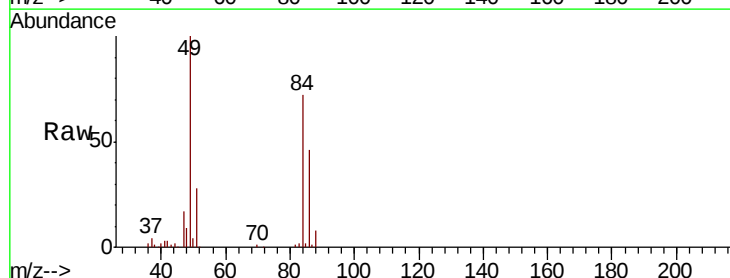
Instrument :
MSVOA_N
ClientSampled :
TP-9

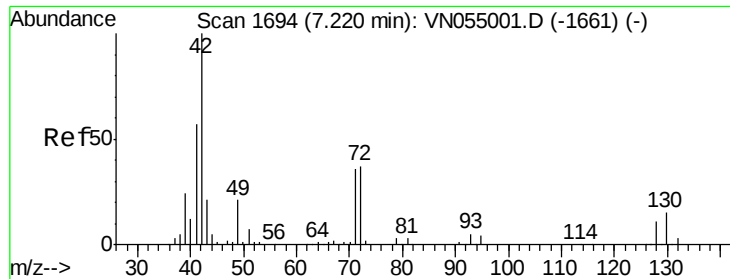
Tot Ion: 43 Resp: 5339
Ion Ratio Lower Upper
43 100
74 20.0 16.1 24.1



#20
Methylene Chloride
Concen: 20.335 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

Tgt Ion: 84 Resp: 127239
Ion Ratio Lower Upper
84 100
49 138.7 109.4 164.2
51 39.7 32.2 48.4
86 63.6 49.3 73.9





#29

Tetrahydrofuran

Concen: 0.408 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-9

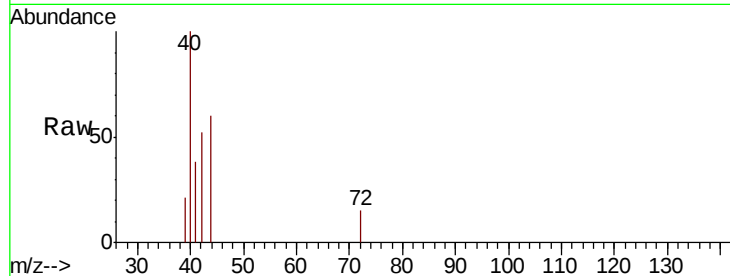
Tot Ion: 42 Resp: 761

Ion Ratio Lower Upper

42 100

72 30.6 29.4 44.0

71 20.2 27.8 41.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.23

600

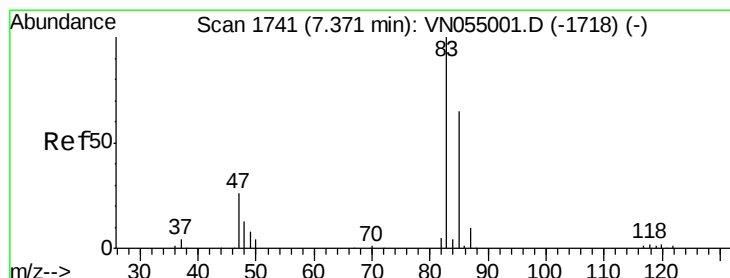
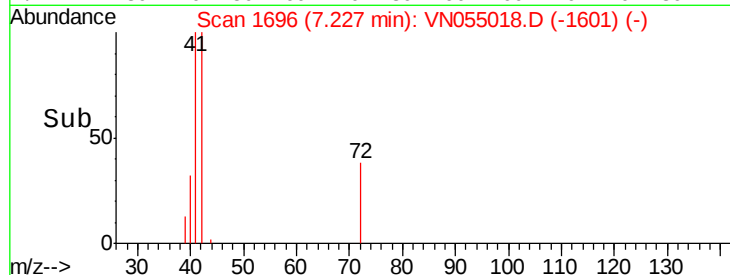
400

200

0

7.20 7.22 7.24

Time-->



#30

Chloroform

Concen: 0.234 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055018.D

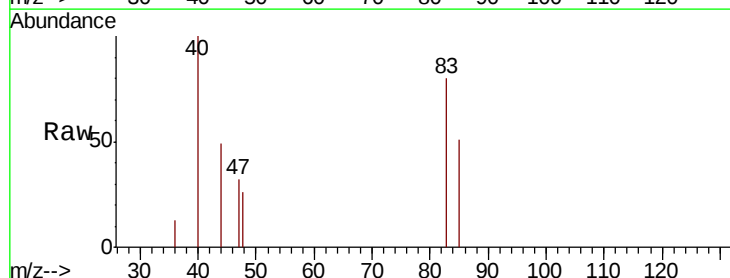
Acq: 12 Apr 2019 23:45

Tgt Ion: 83 Resp: 2476

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

7.37

1000

800

600

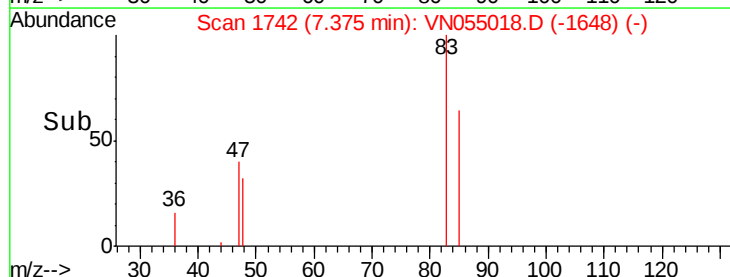
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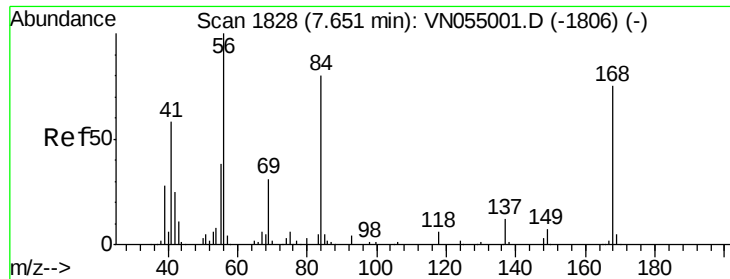
200

0

7.30 7.35 7.40

Time-->

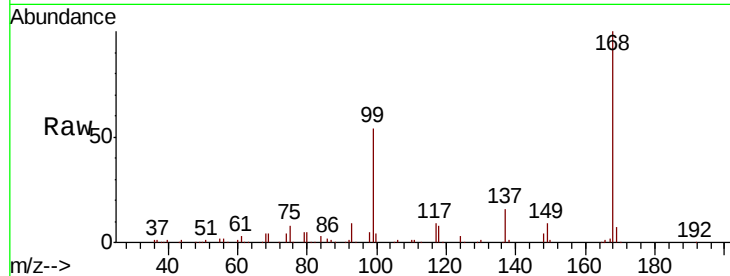




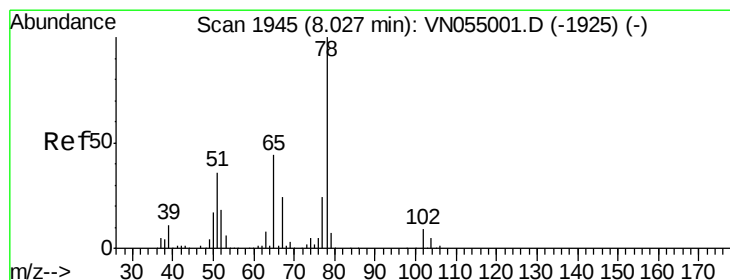
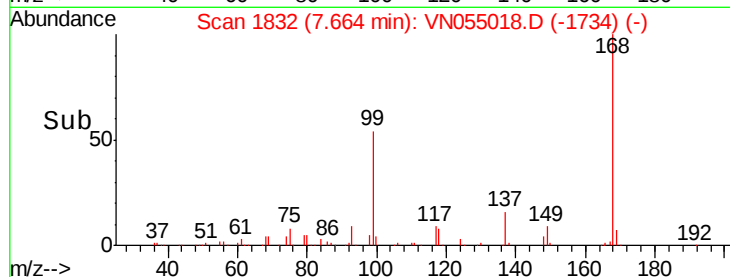
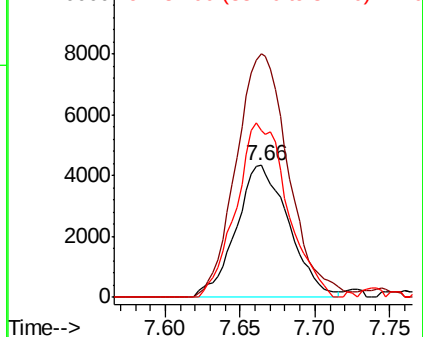
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion: 56 Resp: 10621
Ion Ratio Lower Upper
56 100
69 184.7 24.5 36.7#
84 126.9 62.9 94.3#

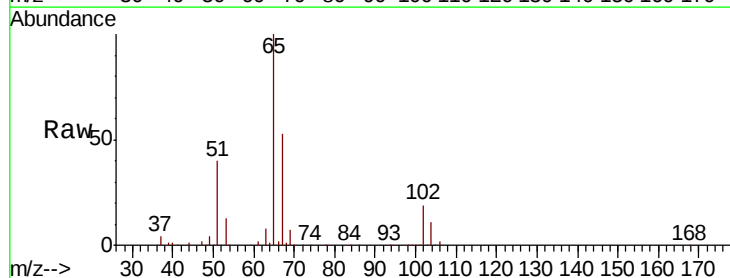


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

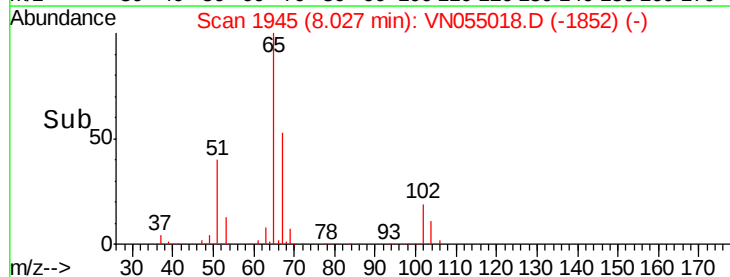
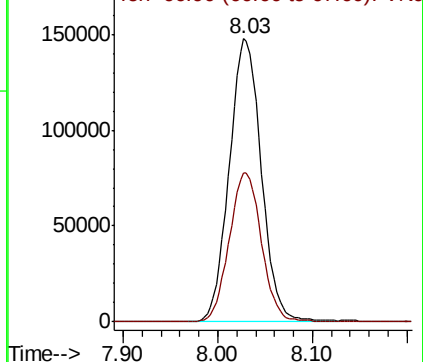


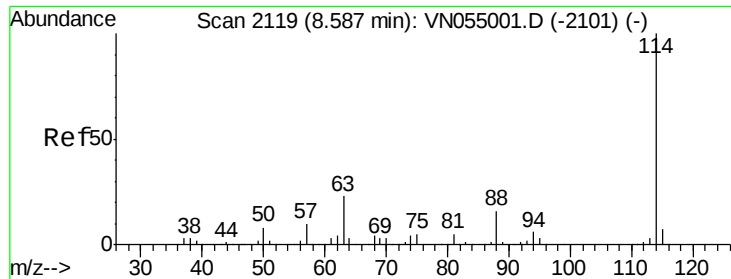
#33
1,2-Dichloroethane-d4
Concen: 51.847 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

Tgt Ion: 65 Resp: 348438
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.4



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

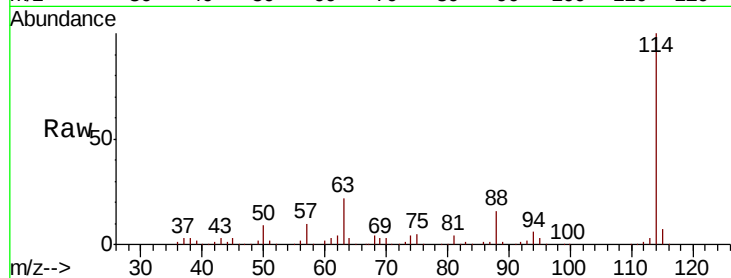




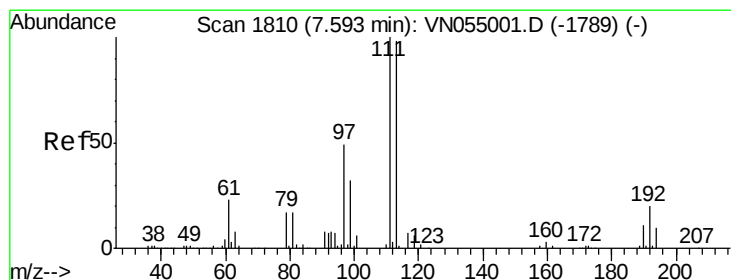
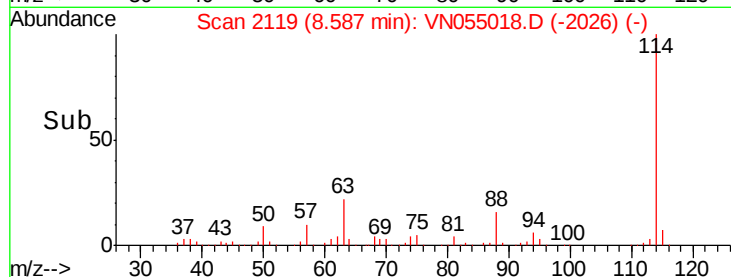
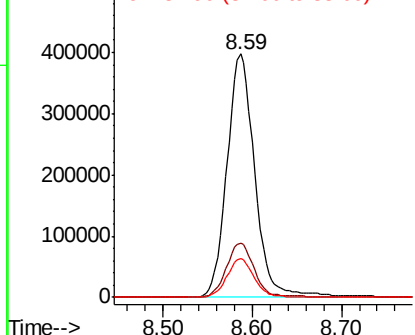
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion:114 Resp: 858456
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.2
 88 15.8 0.0 31.8

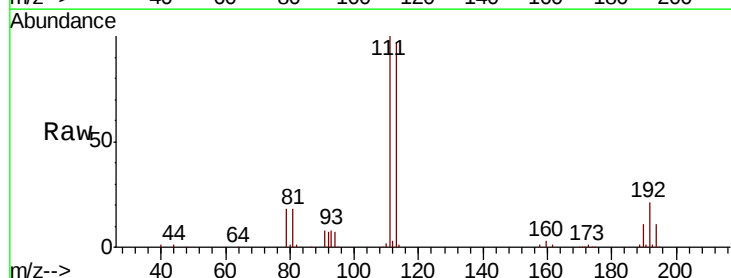


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

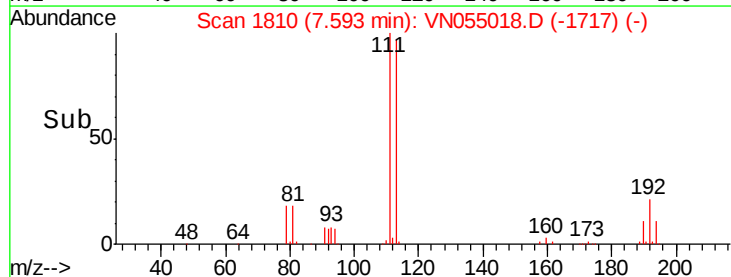
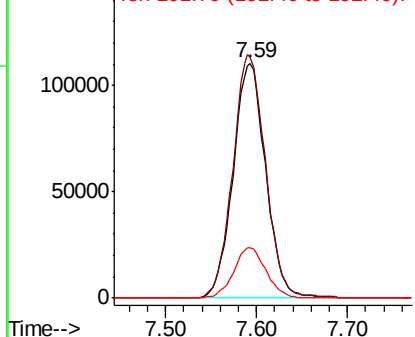


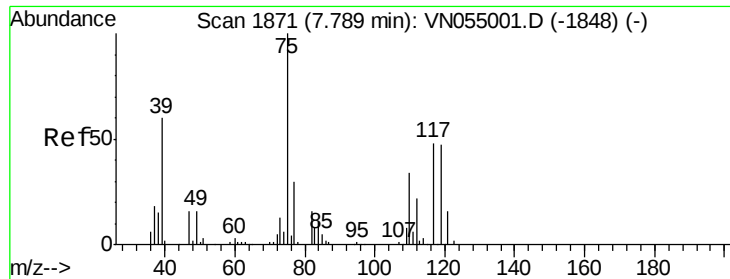
#35
 Dibromofluoromethane
 Concen: 50.257 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Tgt Ion:113 Resp: 275026
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.1 123.1
 192 21.3 16.5 24.7



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

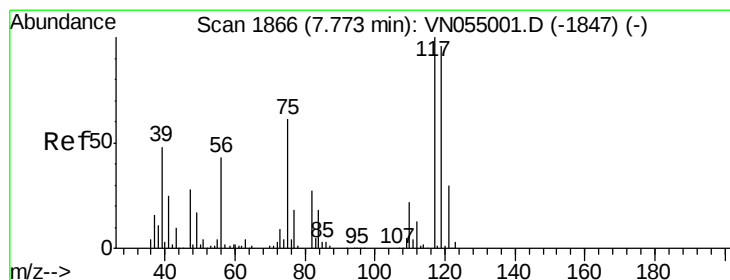
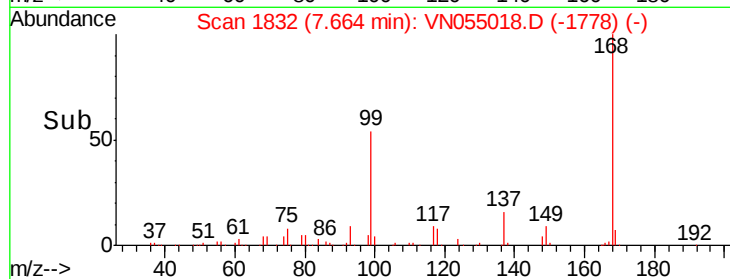
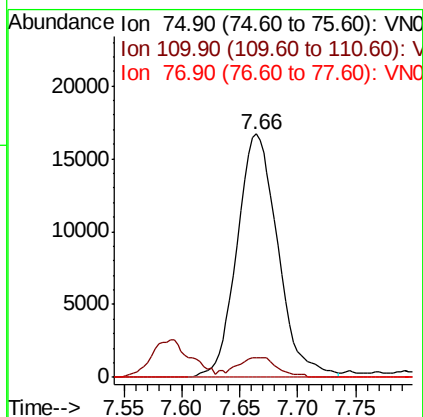
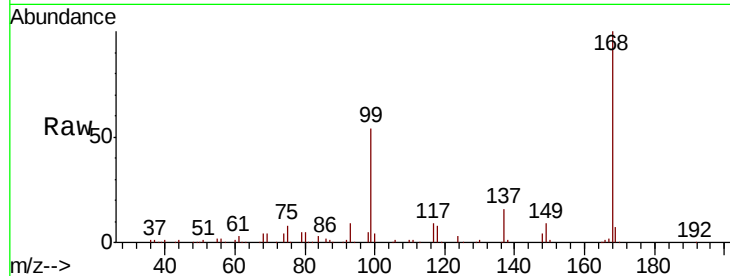




#36
 1,1-Dichloropropene
 Concen: 5.178 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

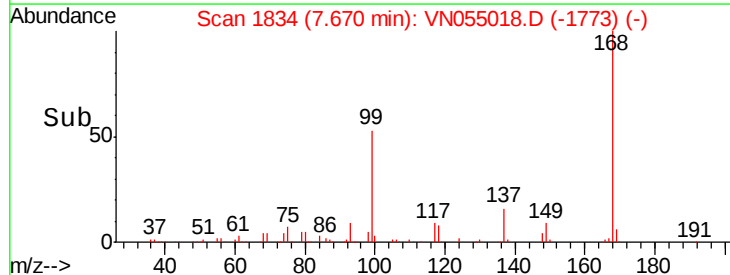
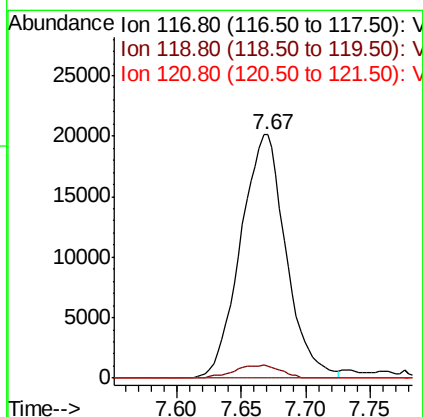
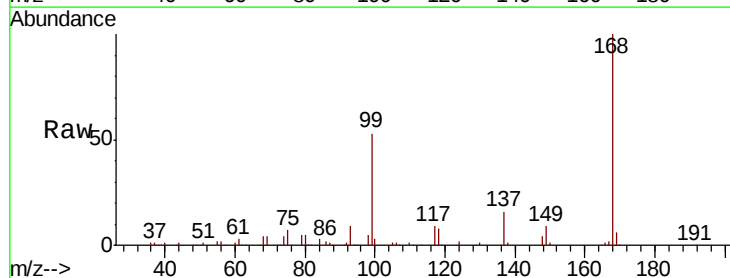
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

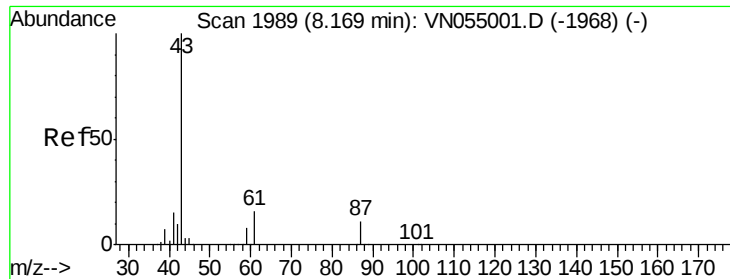
Tot Ion: 75 Resp: 41083
 Ion Ratio Lower Upper
 75 100
 110 7.8 17.5 52.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.606 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.10 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Tgt Ion: 117 Resp: 49337
 Ion Ratio Lower Upper
 117 100
 119 5.1 76.3 114.5#
 121 0.0 23.9 35.9#





#43

Isopropyl Acetate

Concen: 1.439 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-9

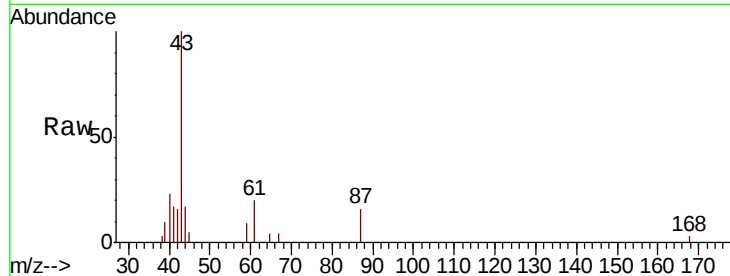
Tot Ion: 43 Resp: 14651

Ion Ratio Lower Upper

43 100

61 17.1 14.3 21.5

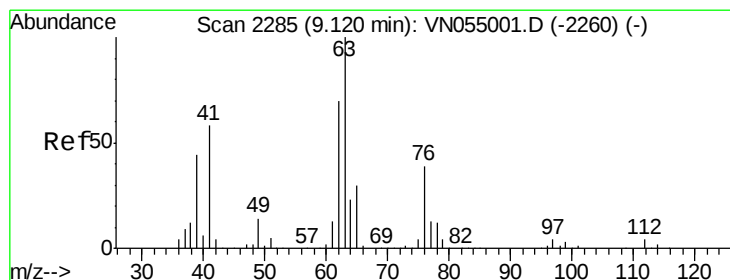
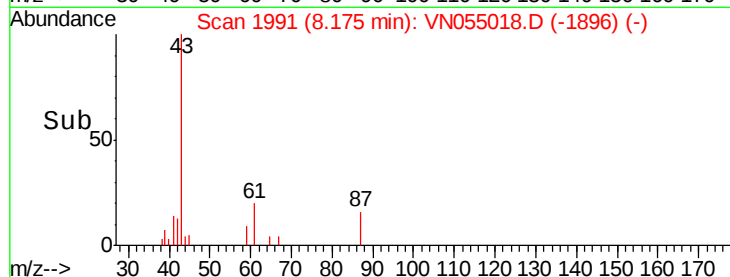
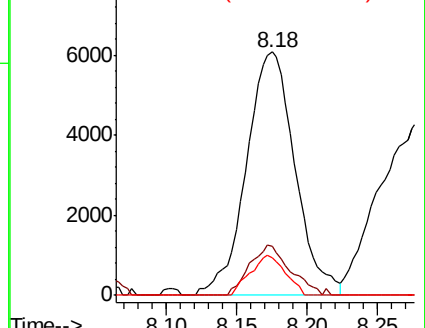
87 11.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055018.D (-1991) (-)

Ion 61.00 (60.70 to 61.70): VN055018.D (-1991) (-)

Ion 87.00 (86.70 to 87.70): VN055018.D (-1991) (-)



#45

1,2-Dichloropropane

Concen: 0.232 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055018.D

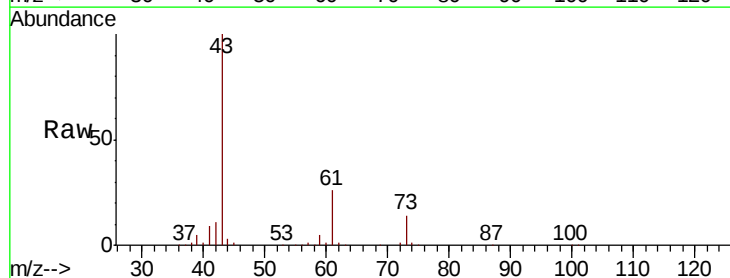
Acq: 12 Apr 2019 23:45

Tgt Ion: 63 Resp: 1571

Ion Ratio Lower Upper

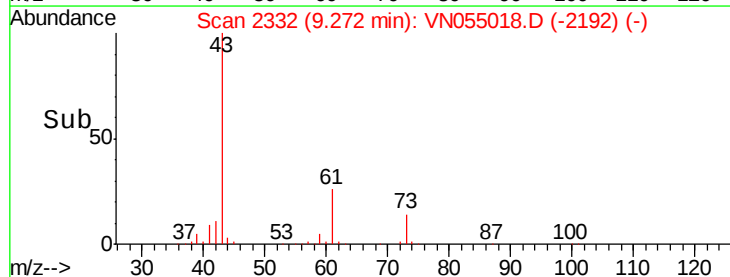
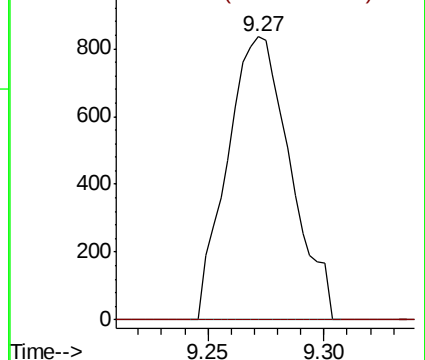
63 100

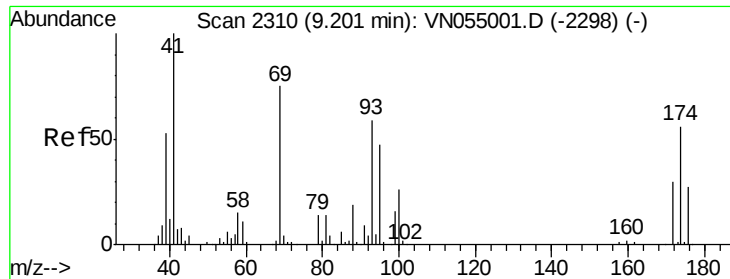
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN055018.D (-2332) (-)

Ion 64.90 (64.60 to 65.60): VN055018.D (-2332) (-)

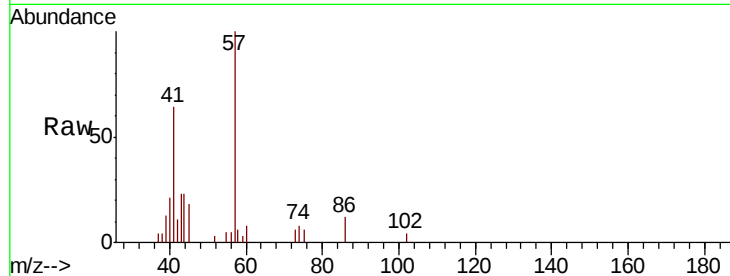




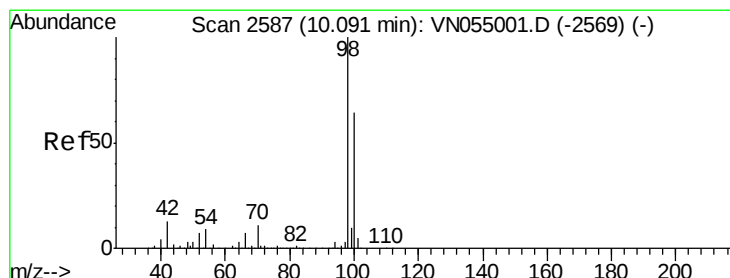
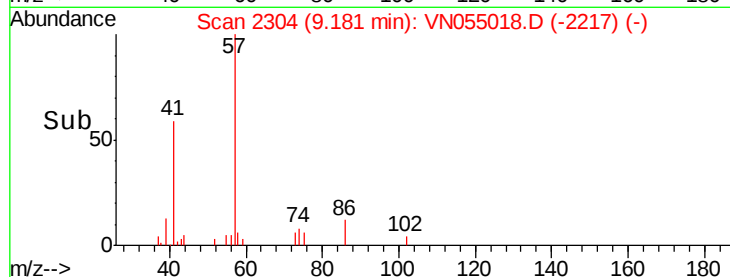
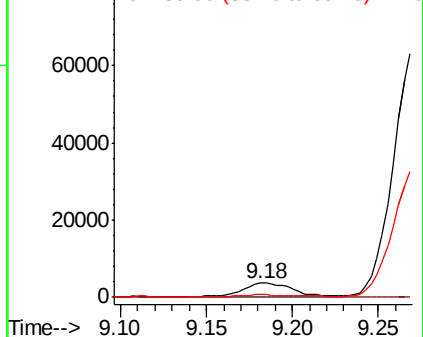
#48
Methvl methacrylate
Concen: 1.516 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tot Ion: 41 Resp: 7952
Ion Ratio Lower Upper
41 100
69 0.0 60.5 90.7#
39 0.0 43.9 65.9#

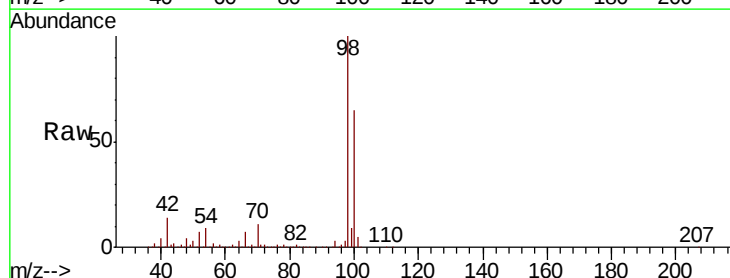


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

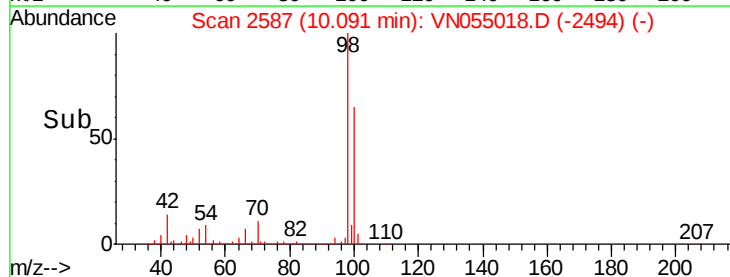
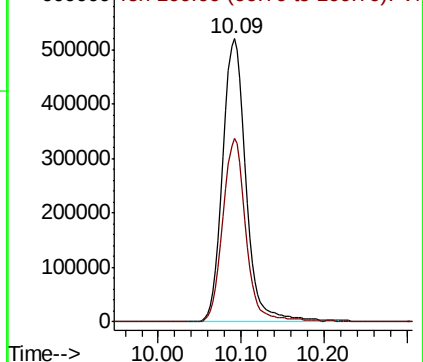


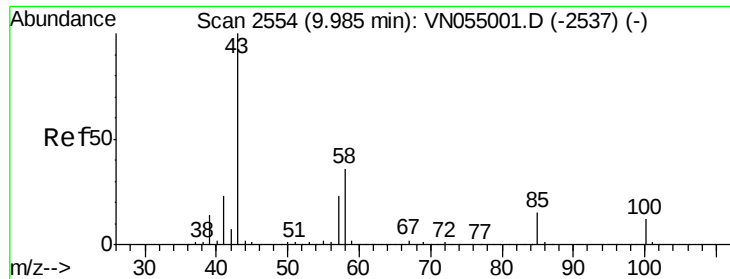
#50
Toluene-d8
Concen: 50.648 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055018.D
Acq: 12 Apr 2019 23:45

Tgt Ion: 98 Resp: 1018007
Ion Ratio Lower Upper
98 100
100 64.0 51.1 76.7



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: 0.825 ug/l

RT: 9.99 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

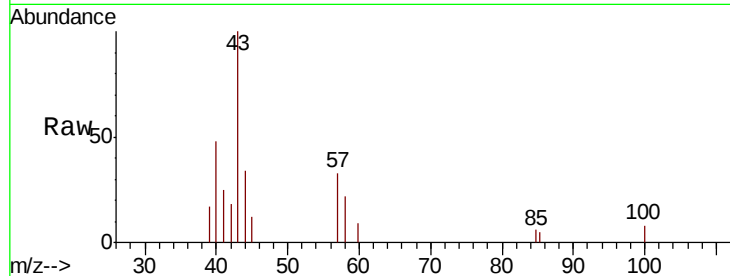
TP-9

Tot Ion: 43 Resp: 4919

Ion Ratio Lower Upper

43 100

58 26.3 29.0 43.4#



Abundance Ion 43.00 (42.70 to 43.70): VN055001.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055001.D (-2537) (-)

6000

5000

4000

3000

2000

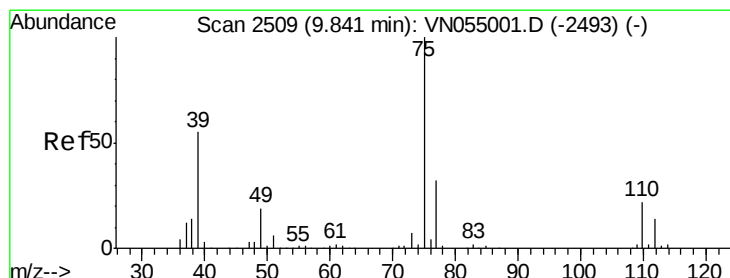
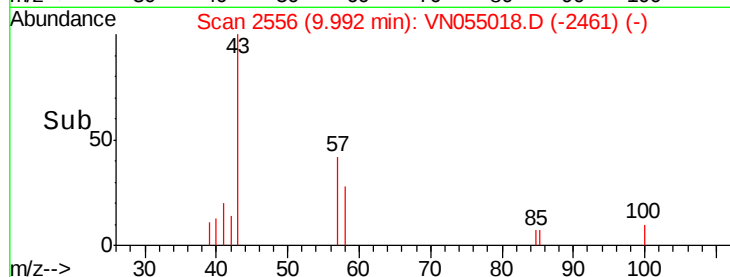
1000

0

9.95

10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 5.490 ug/l

RT: 9.91 min Scan# 2530

Delta R.T. 0.07 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

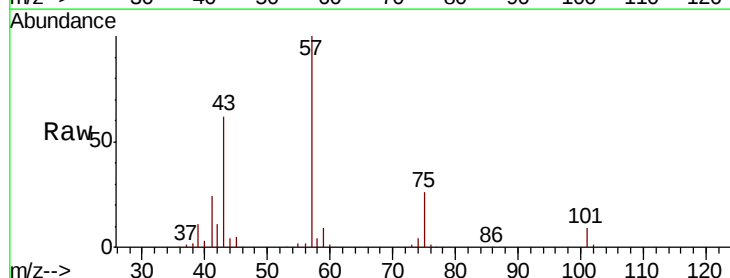
Tgt Ion: 75 Resp: 48301

Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

39 40.1 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN055001.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN055001.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN055001.D (-2493) (-)

30000

20000

10000

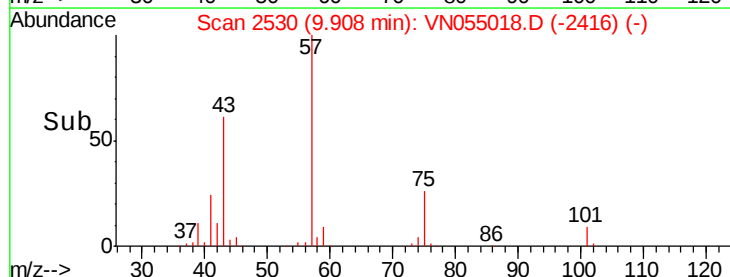
0

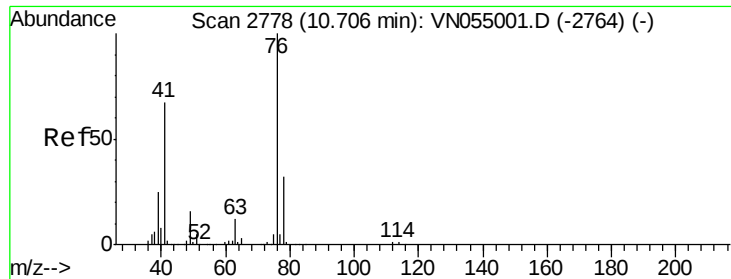
9.85

9.90

9.95

Time-->

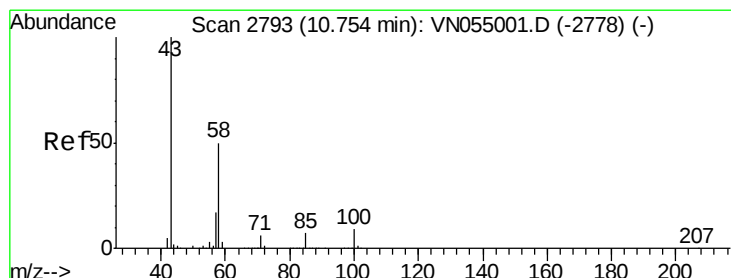
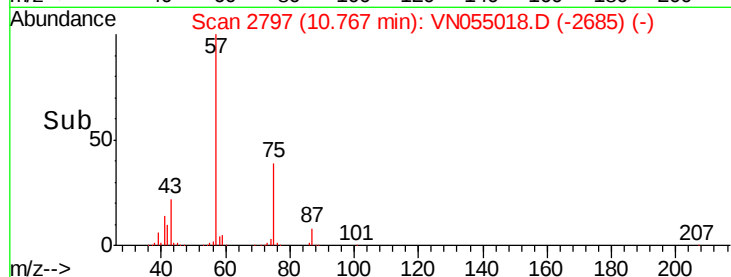
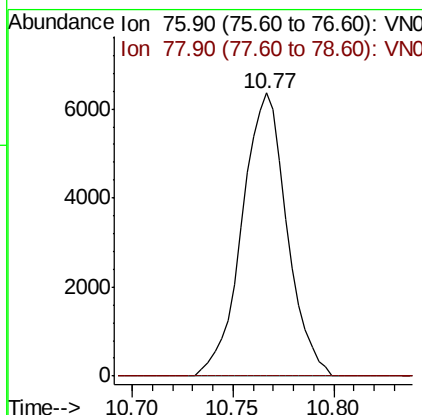
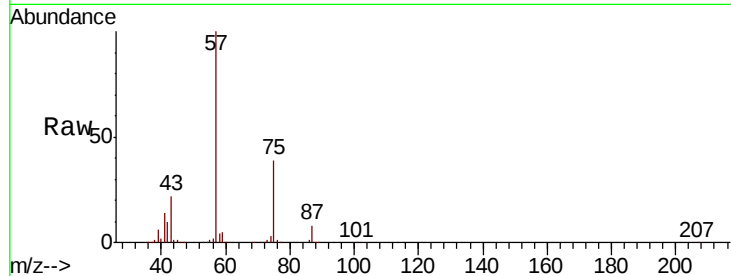




#57
 1,3-Dichloropropane
 Concen: 1.088 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.06 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

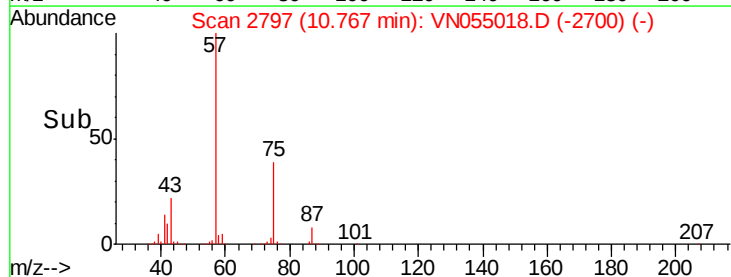
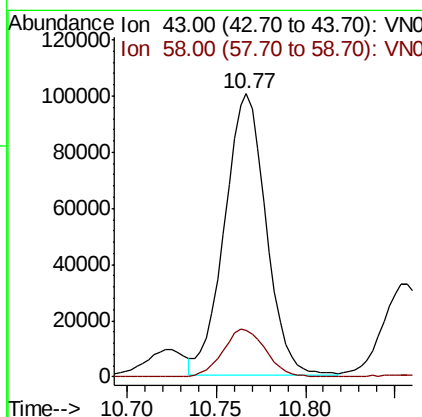
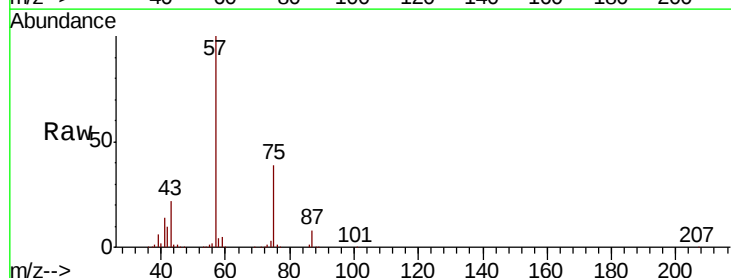
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

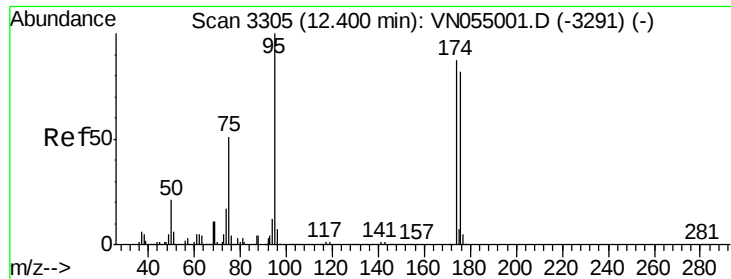
Tot Ion: 76 Resp: 9922
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 43.284 ug/l
 RT: 10.77 min Scan# 2797
 Delta R.T. 0.01 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Tgt Ion: 43 Resp: 161292
 Ion Ratio Lower Upper
 43 100
 58 17.9 25.1 75.2#





#62

4-Bromofluorobenzene

Concen: 43.509 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

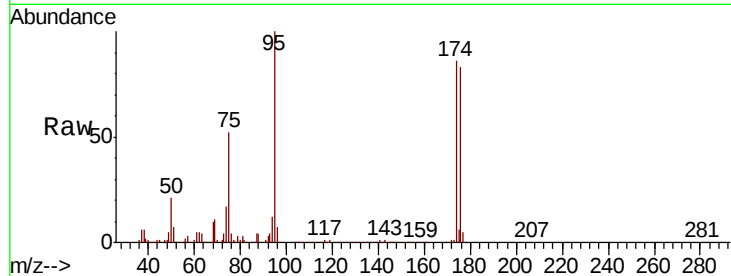
Tot Ion: 95 Resp: 294572

Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

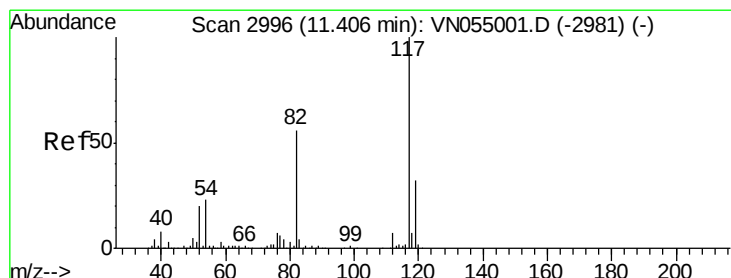
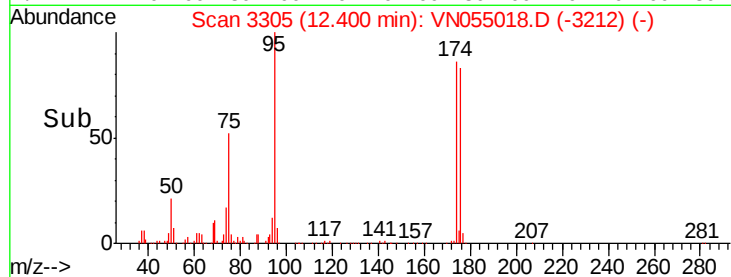
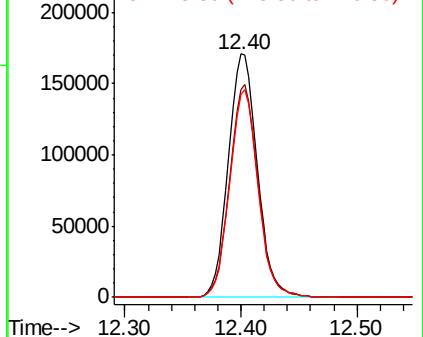
176 83.2 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055018.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055018.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055018.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

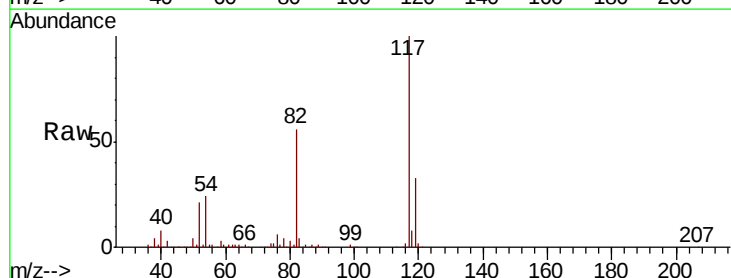
Tgt Ion: 117 Resp: 711193

Ion Ratio Lower Upper

117 100

82 55.8 44.6 66.8

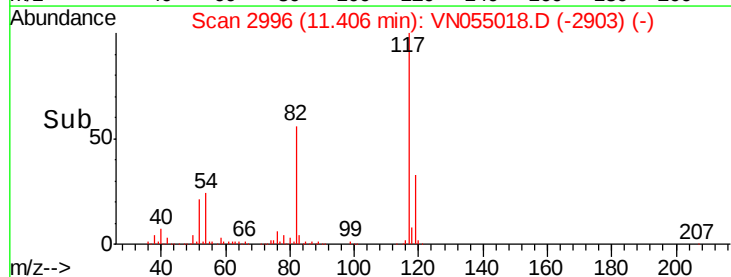
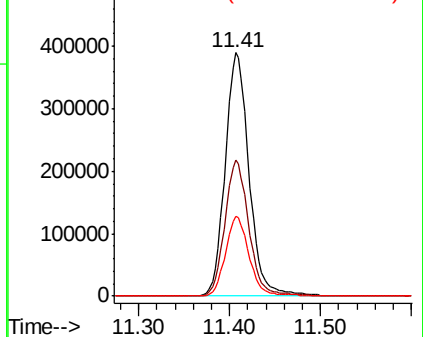
119 32.7 25.5 38.3

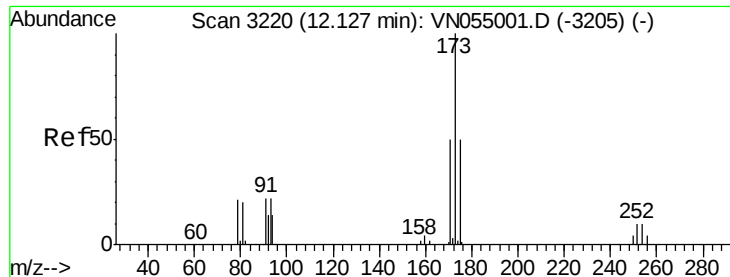


Abundance Ion 116.90 (116.60 to 117.60): VN055018.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055018.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055018.D (-2903) (-)





#71

Bromoform

Concen: 3.367 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampled :

TP-9

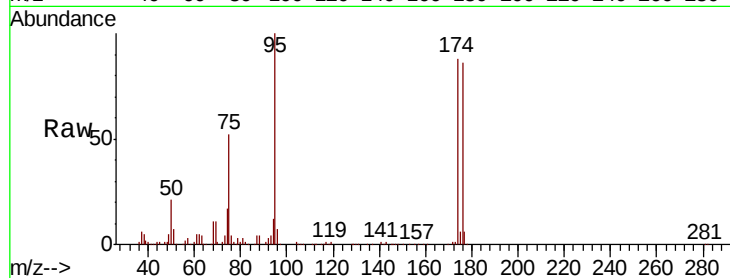
Tot Ion:173 Resp: 2859

Ion Ratio Lower Upper

173 100

175 555.2 24.3 73.0#

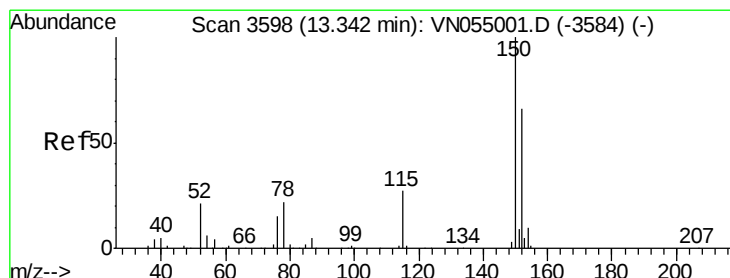
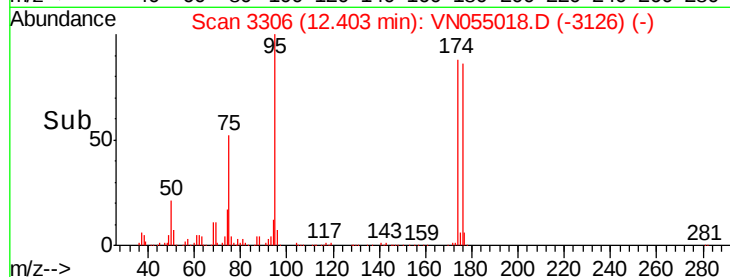
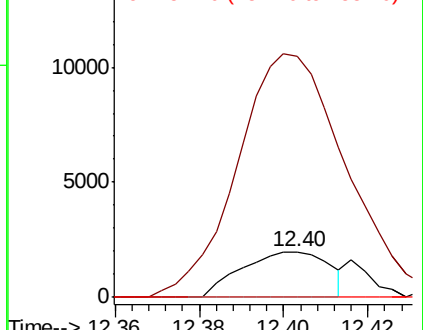
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

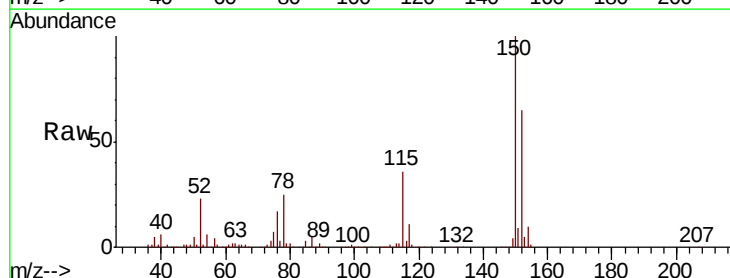
Tgt Ion:152 Resp: 235454

Ion Ratio Lower Upper

152 100

115 57.1 28.5 85.6

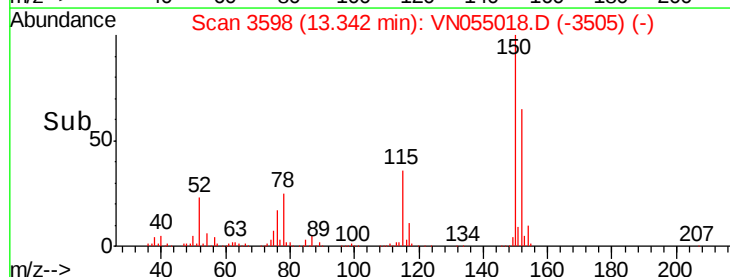
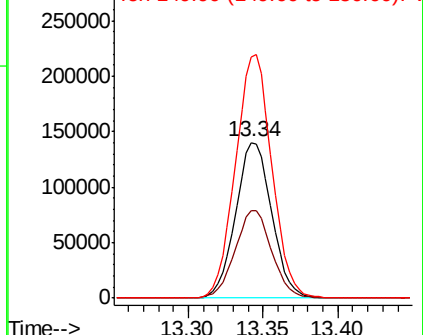
150 157.8 0.0 347.2

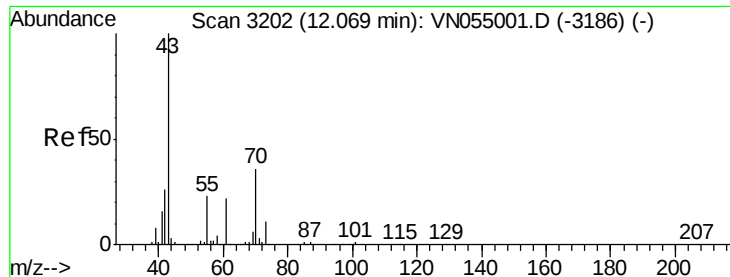


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyl acetate

Concen: 2.730 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

Tot Ion: 43 Resp: 16473

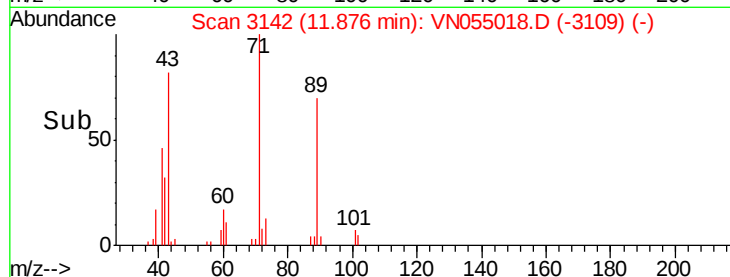
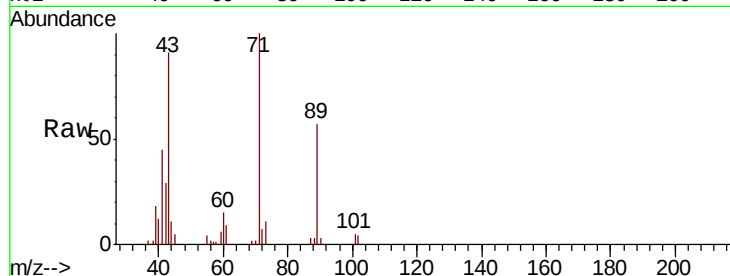
Ion Ratio Lower Upper

43 100

70 1.5 29.4 44.0#

55 4.0 19.0 28.4#

61 9.8 17.7 26.5#

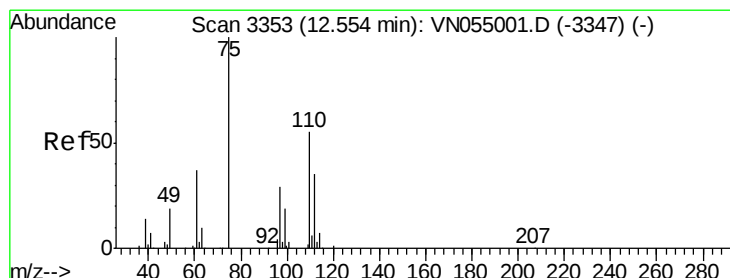
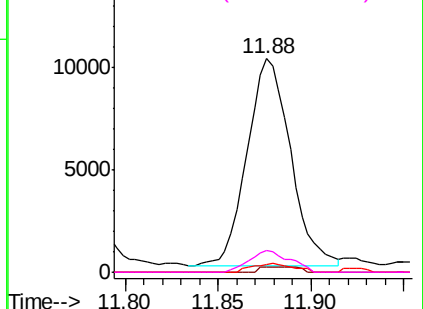


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#76

1,2,3-Trichloropropane

Concen: 34.823 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055018.D

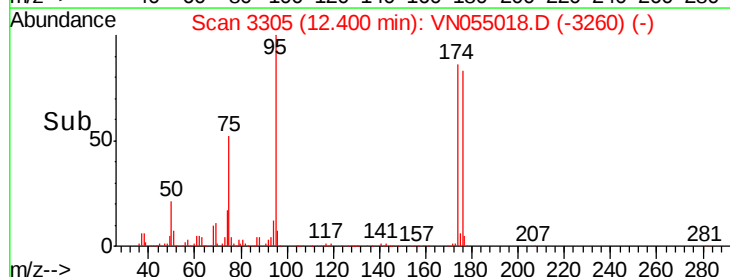
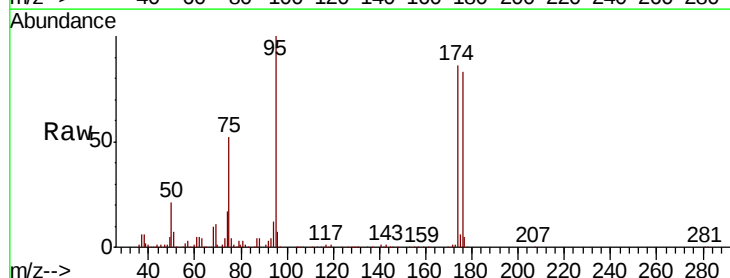
Acq: 12 Apr 2019 23:45

Tgt Ion: 75 Resp: 150845

Ion Ratio Lower Upper

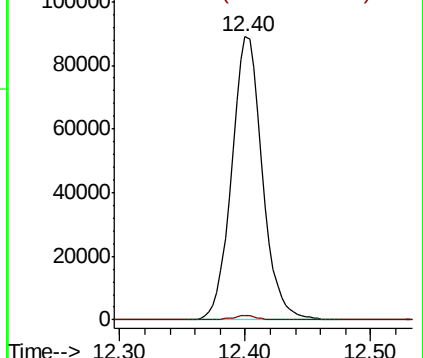
75 100

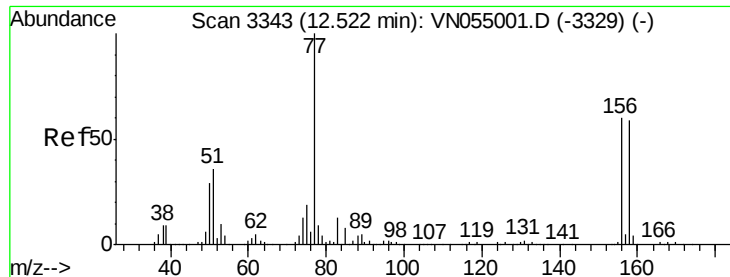
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.01 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

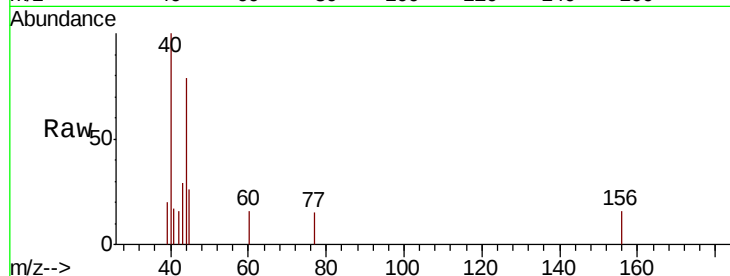
Tot Ion:156 Resp: 68

Ion Ratio Lower Upper

156 100

77 260.3 97.2 291.5

158 0.0 48.6 145.9#

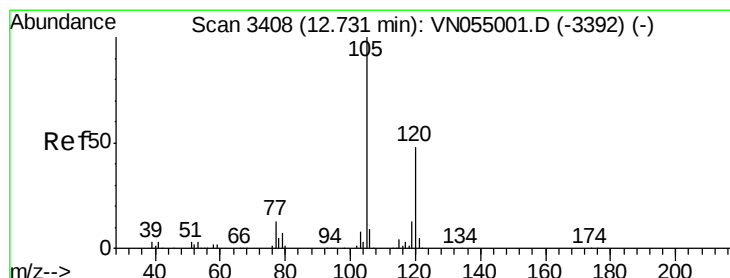
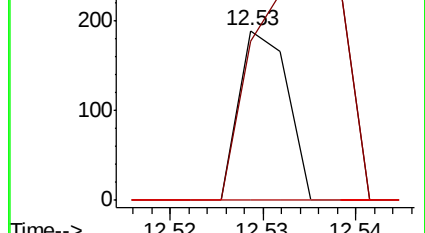
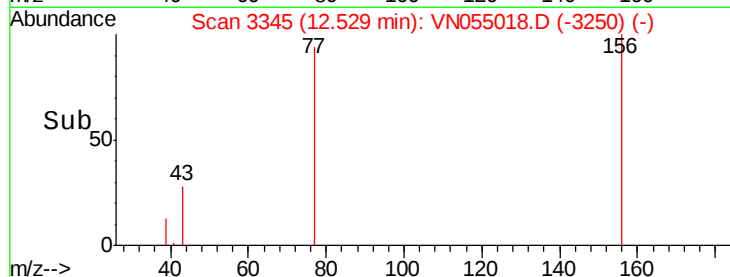


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.380 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055018.D

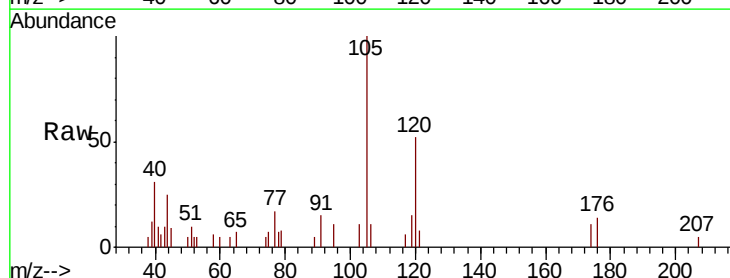
Acq: 12 Apr 2019 23:45

Tgt Ion:105 Resp: 6196

Ion Ratio Lower Upper

105 100

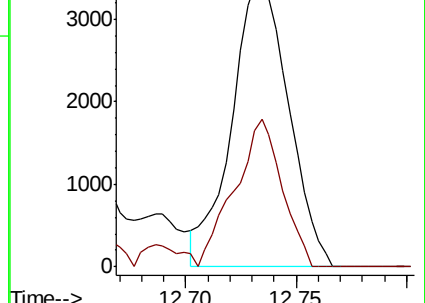
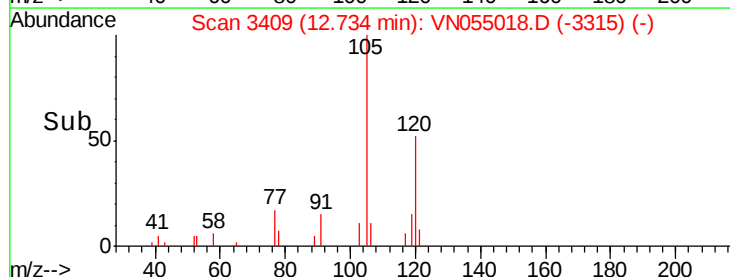
120 42.8 24.3 72.8

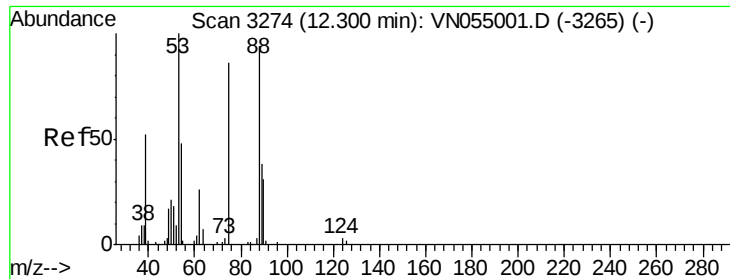


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 143.731 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055018.D

Acq: 12 Apr 2019 23:45

Instrument :

MSVOA_N

ClientSampleId :

TP-9

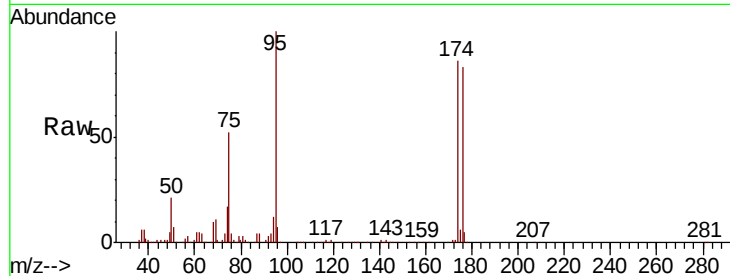
Tot Ion: 75 Resp: 150845

Ion Ratio Lower Upper

75 100

53 0.0 96.3 144.5#

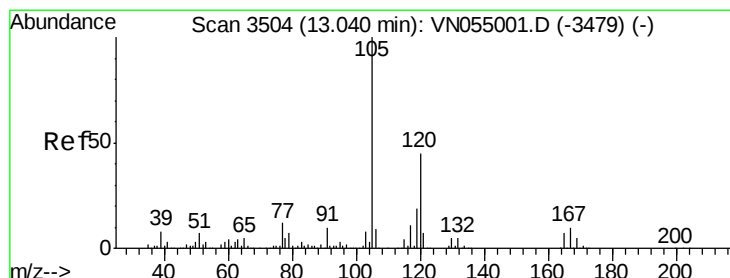
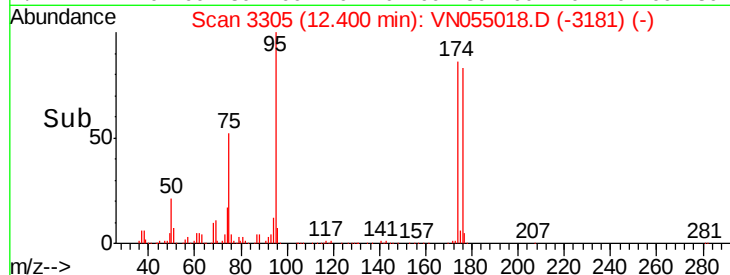
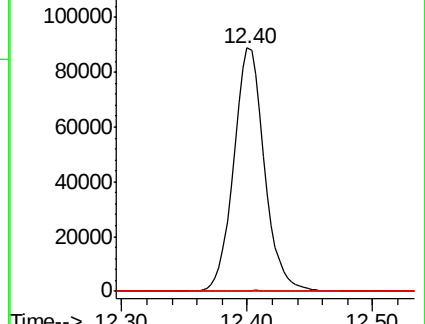
89 0.1 38.6 57.8#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.422 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055018.D

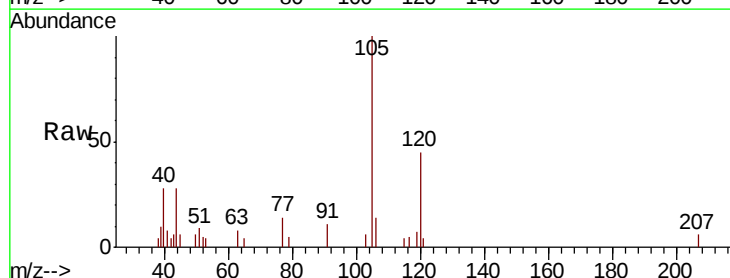
Acq: 12 Apr 2019 23:45

Tgt Ion:105 Resp: 6592

Ion Ratio Lower Upper

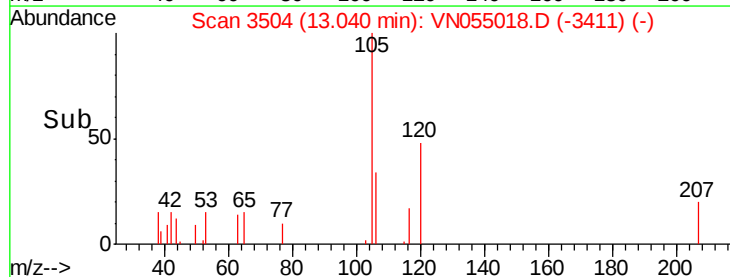
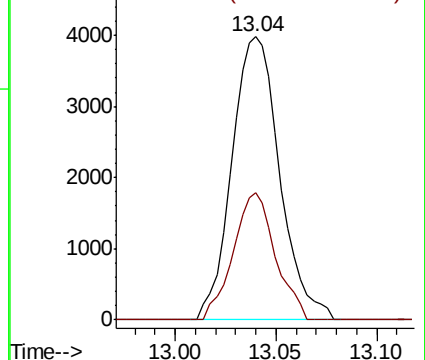
105 100

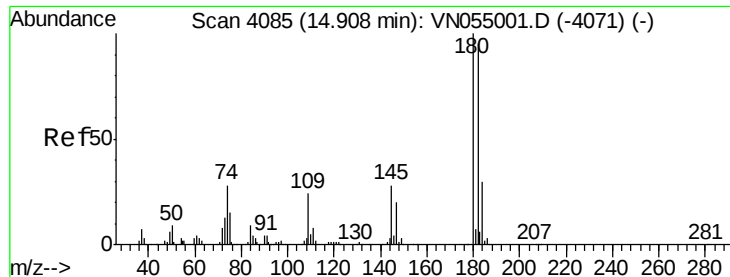
120 39.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

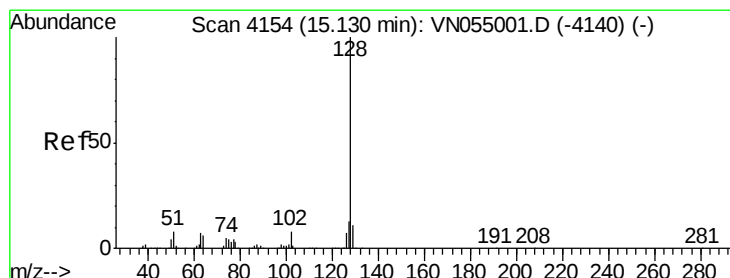
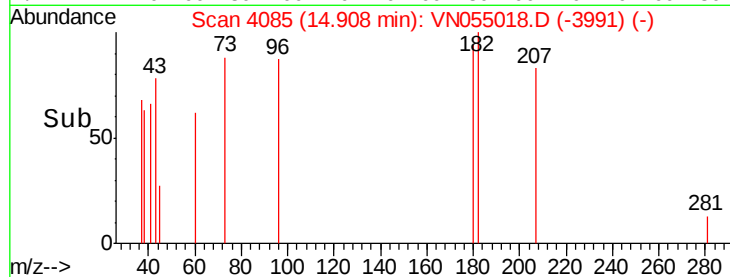
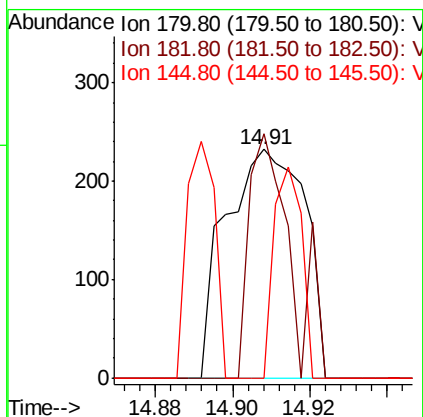
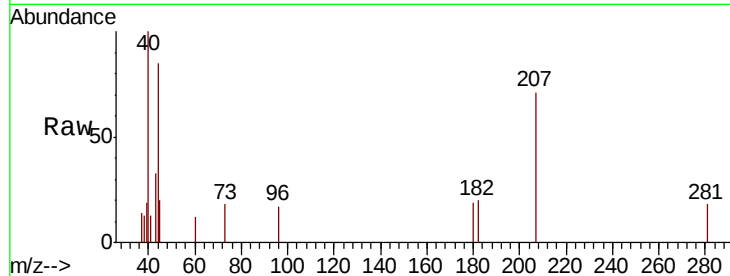




#93
 1,2,4-Trichlorobenzene
 Concen: 3.611 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Tot Ion:180 Resp: 331
 Ion Ratio Lower Upper
 180 100
 182 56.5 47.5 142.6
 145 32.3 14.2 42.8



#95
 Naphthalene
 Concen: 5.302 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.01 min
 Lab File: VN055018.D
 Acq: 12 Apr 2019 23:45

Tgt Ion:128 Resp: 6223
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.1 15.1
 129 8.4 8.8 13.2#

