

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055187.D
 Acq On : 22 Apr 2019 17:44
 Operator : JC/SP
 Sample : K2515-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9

Quant Time: Apr 23 06:02:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	368888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	641173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	572004	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169118	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	251107	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	209826	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	10.09	98	770003	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
62) 4-Bromofluorobenzene	12.40	95	235708	46.12	ug/l	0.00
Spiked Amount			Recovery	=	92.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	89	0.305	ug/l #	71
16) Acetone	3.83	43	10807	6.547	ug/l	97
17) Carbon Disulfide	4.06	76	6684	0.630	ug/l	98
18) Methyl Acetate	4.34	43	5205	0.348	ug/l #	90
20) Methylene Chloride	4.55	84	126796	26.721	ug/l	98
25) 2-Butanone	6.86	43	3782	1.775	ug/l #	81
29) Tetrahydrofuran	7.22	42	1802	1.375	ug/l #	67
30) Chloroform	7.37	83	7018	0.917	ug/l	94
31) Cyclohexane	7.66	56	8583	Below Cal	#	5
36) 1,1-Dichloropropene	7.66	75	27484	4.618	ug/l #	51
37) Ethyl Acetate	6.86	43	3782	0.787	ug/l #	72
38) Carbon Tetrachloride	7.67	117	35603	6.389	ug/l #	16
43) Isopropyl Acetate	8.17	43	15454	1.987	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1634	0.315	ug/l #	45
47) Bromodichloromethane	9.40	83	1847	0.311	ug/l #	93
48) Methyl methacrylate	9.18	41	8956	2.374	ug/l #	15
49) 1,4-Dioxane	9.27	88	105	2.410	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4767	1.065	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	57845	8.547	ug/l #	66
56) Ethyl methacrylate	10.54	69	1210	0.245	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	10677	1.546	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	149	11.356	ug/l #	51
59) 2-Hexanone	10.76	43	174563	61.754	ug/l #	55
71) Bromoform	12.40	173	1980	0.767	ug/l #	1
73) Isopropylbenzene	12.25	105	340	Below Cal	#	49
74) N-amyl acetate	11.88	43	16558	3.798	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.40	83	66	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	120909	35.241	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	3535	0.279	ug/l	86
81) trans-1,4-Dichloro-2-buten	12.40	75	120909	133.591	ug/l #	5
83) tert-Butylbenzene	13.05	119	69	Below Cal	#	1
95) Naphthalene	15.13	128	5311	4.301	ug/l	98

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QLast Update : Tue Apr 23 05:52:53 2019
Response via : Initial Calibration

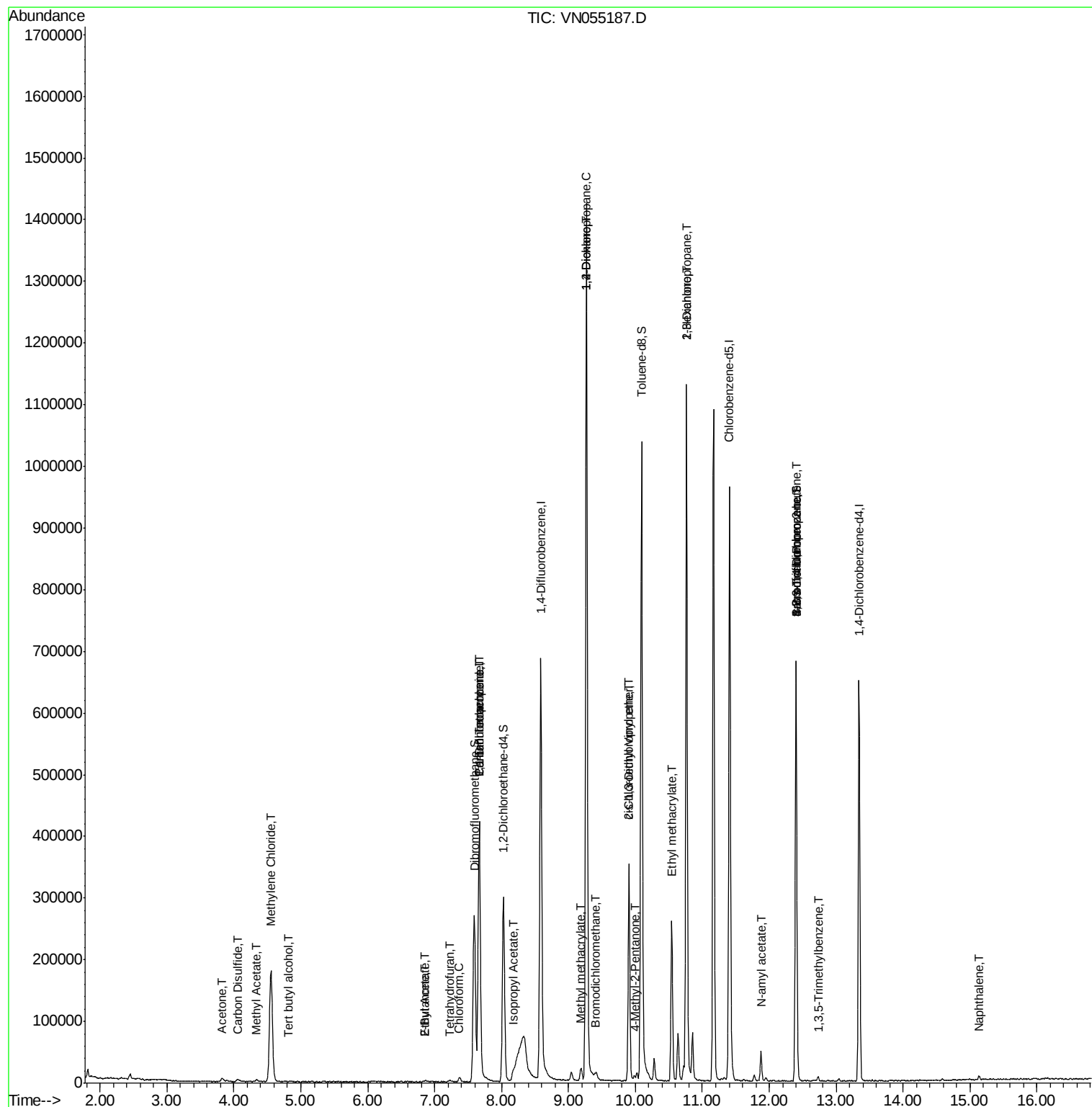
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

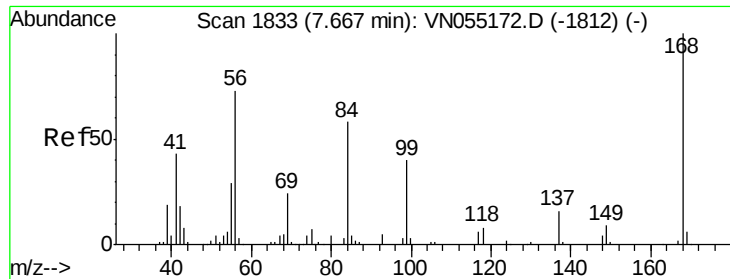
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042219\
Data File : VN055187.D
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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: VN055187.D

Acq: 22 Apr 2019 17:44

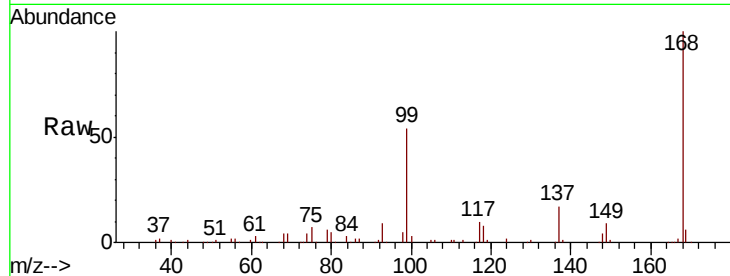
Instrument :
MSVOA_N
ClientSampled :
TP-9

Tot Ion:168 Resp: 368888

Ion Ratio Lower Upper

168 100

99 53.9 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

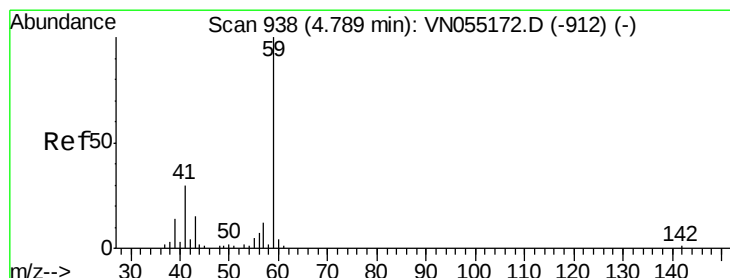
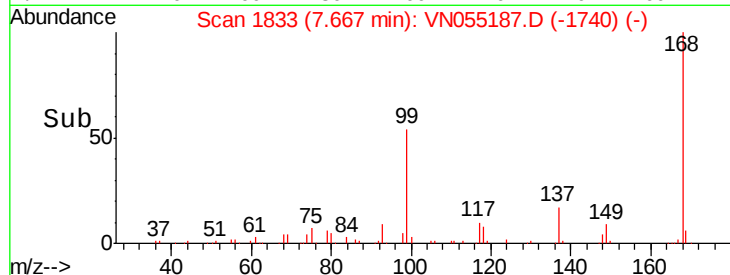
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.305 ug/l

RT: 4.82 min Scan# 947

Delta R.T. 0.03 min

Lab File: VN055187.D

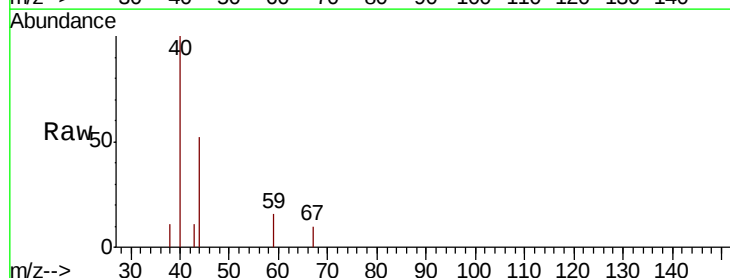
Acq: 22 Apr 2019 17:44

Tgt Ion: 59 Resp: 89

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.82

250

200

150

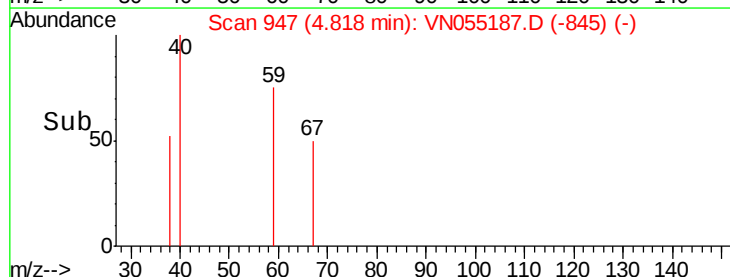
100

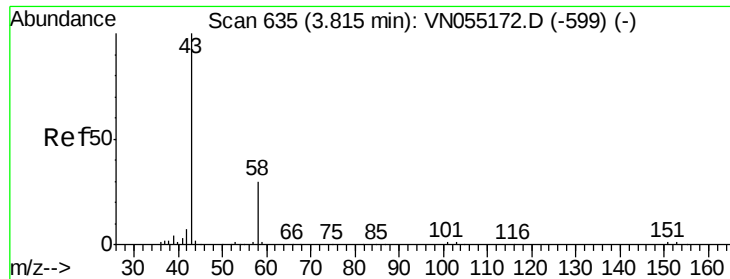
50

0

4.81 4.82 4.83

Time-->





#16

Acetone

Concen: 6.547 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

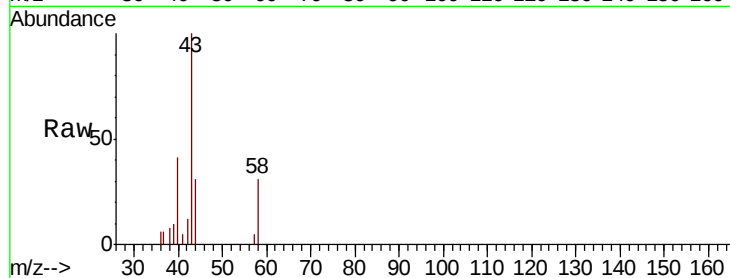
TP-9

Tot Ion: 43 Resp: 10807

Ion Ratio Lower Upper

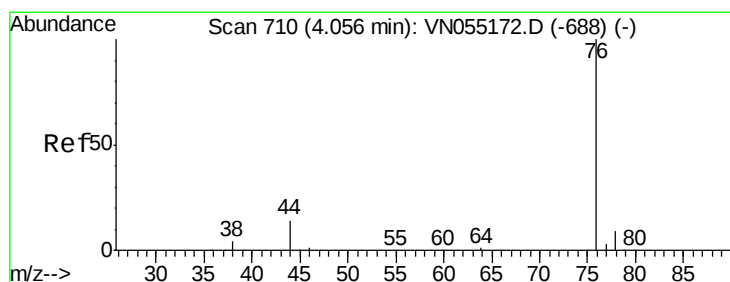
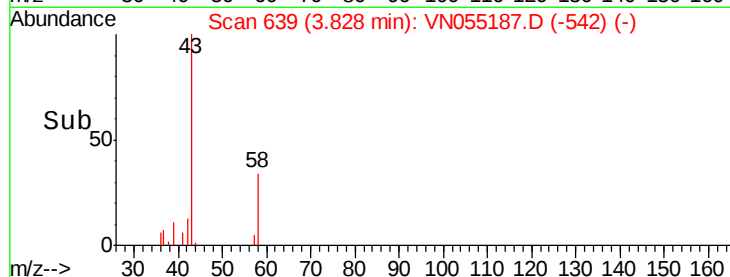
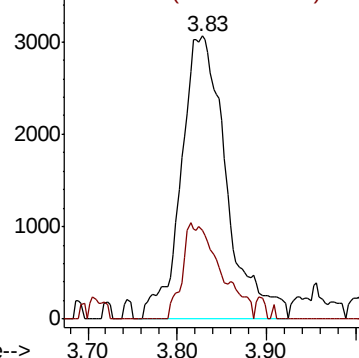
43 100

58 31.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.630 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN055187.D

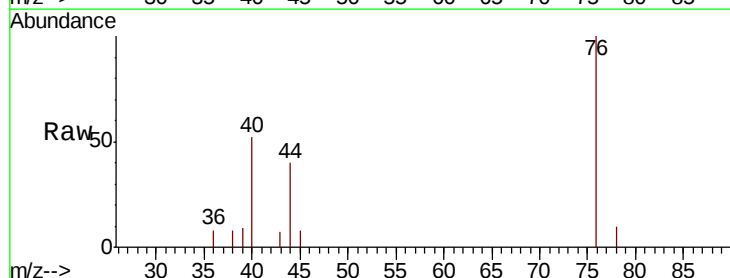
Acq: 22 Apr 2019 17:44

Tgt Ion: 76 Resp: 6684

Ion Ratio Lower Upper

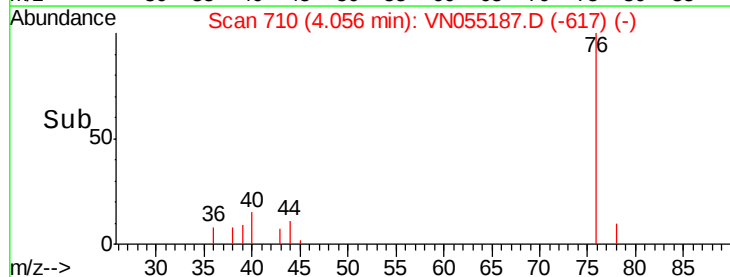
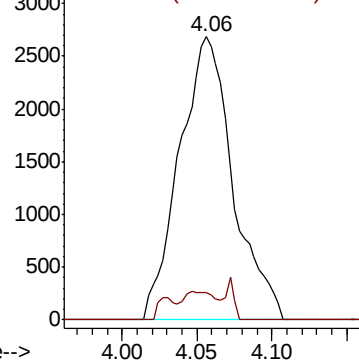
76 100

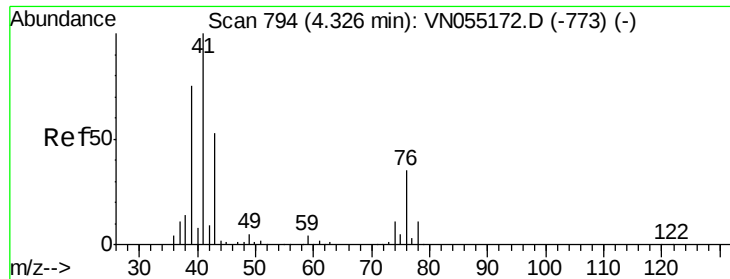
78 9.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

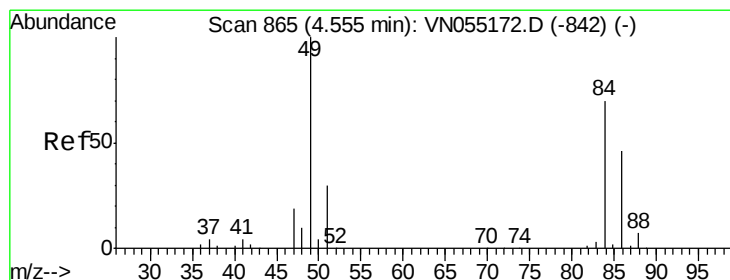
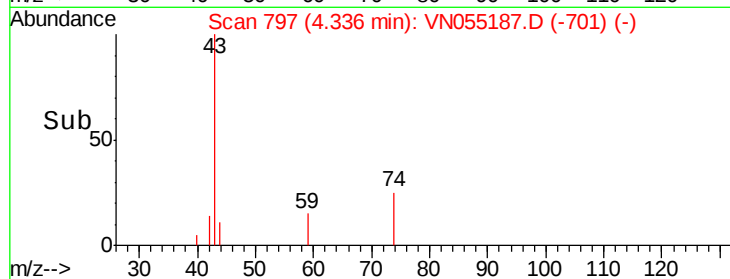
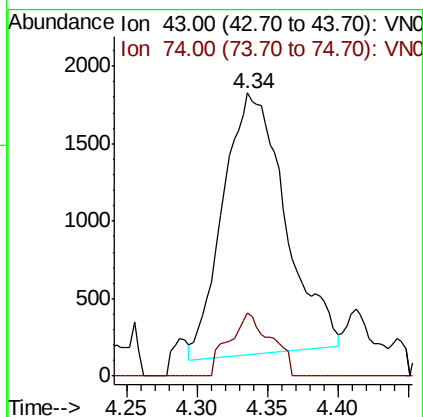
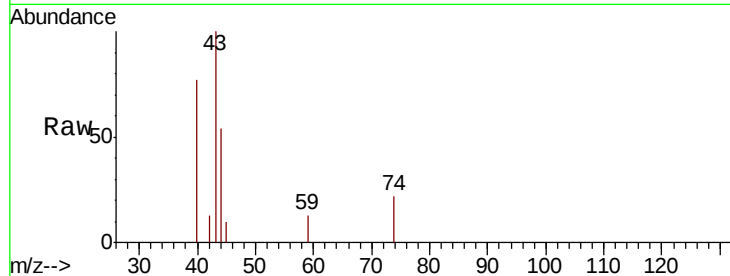




#18
Methyl Acetate
Concen: 0.348 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

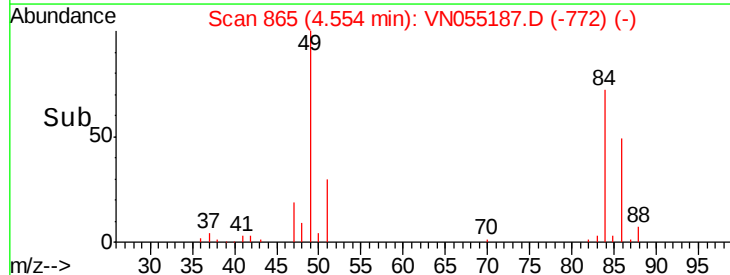
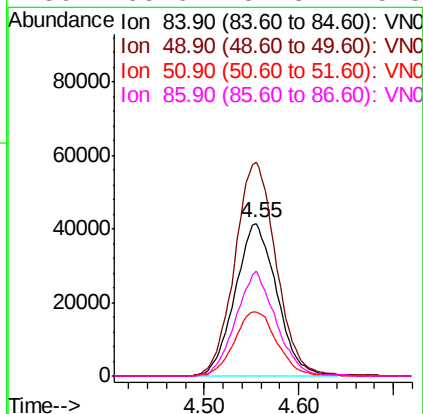
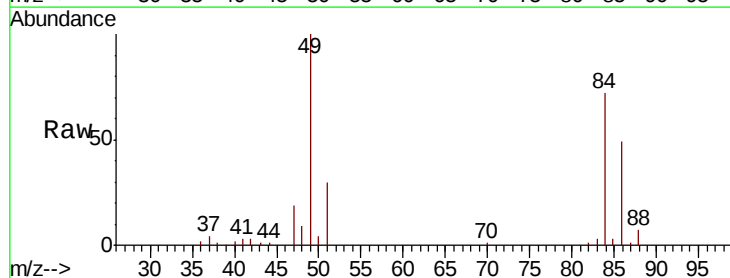
Instrument :
MSVOA_N
ClientSampled :
TP-9

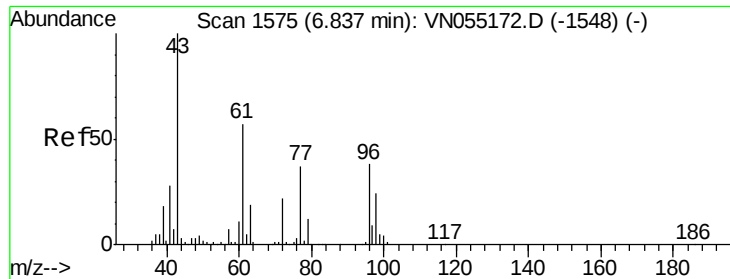
Tot Ion: 43 Resp: 5205
Ion Ratio Lower Upper
43 100
74 16.3 16.7 25.1#



#20
Methylene Chloride
Concen: 26.721 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion: 84 Resp: 126796
Ion Ratio Lower Upper
84 100
49 139.7 113.8 170.6
51 41.7 34.0 51.0
86 68.6 52.3 78.5

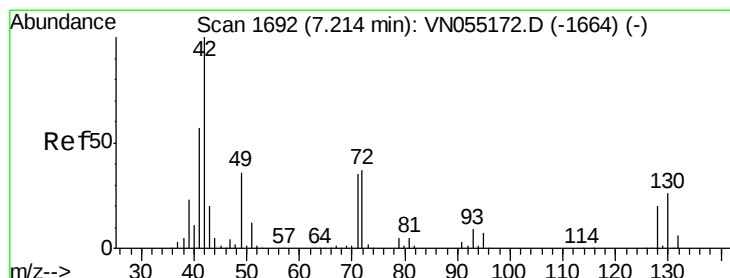
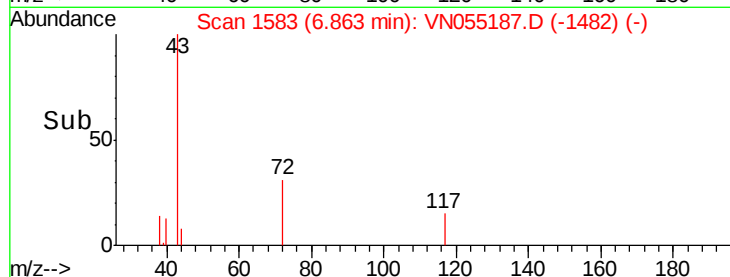
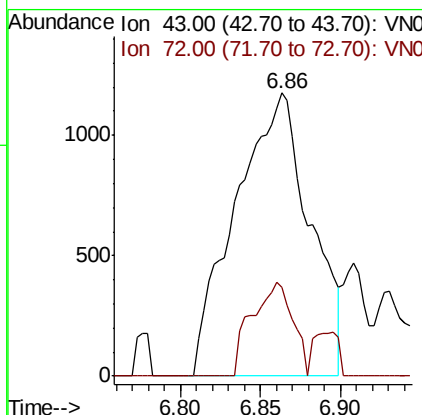
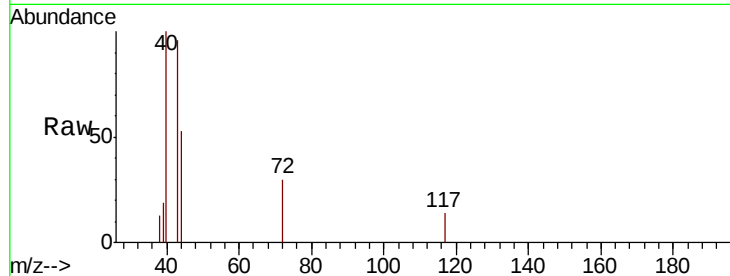




#25
2-Butanone
Concen: 1.775 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

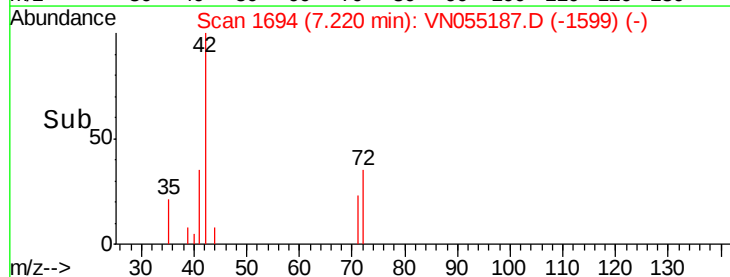
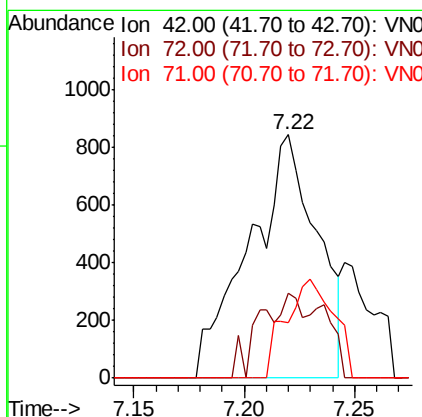
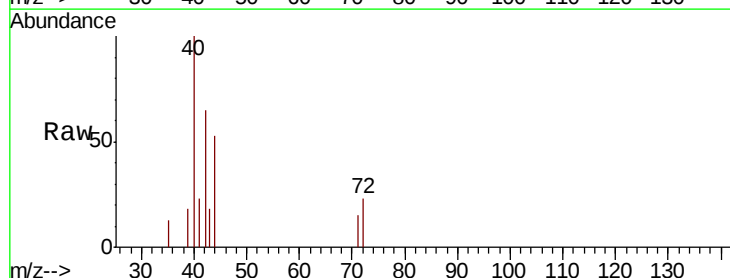
Instrument :
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ClientSampled :
TP-9

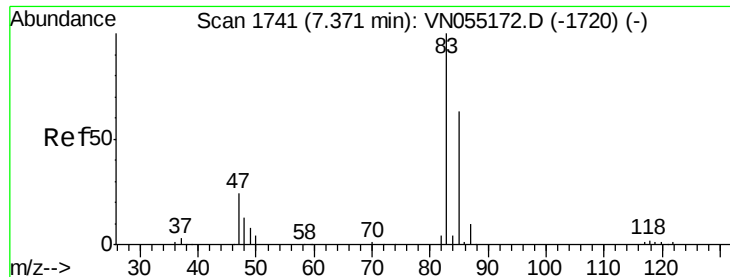
Tot Ion: 43 Resp: 3782
Ion Ratio Lower Upper
43 100
72 31.2 17.8 26.8#



#29
Tetrahydrofuran
Concen: 1.375 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion: 42 Resp: 1802
Ion Ratio Lower Upper
42 100
72 4.5 29.4 44.2#
71 28.9 27.8 41.8

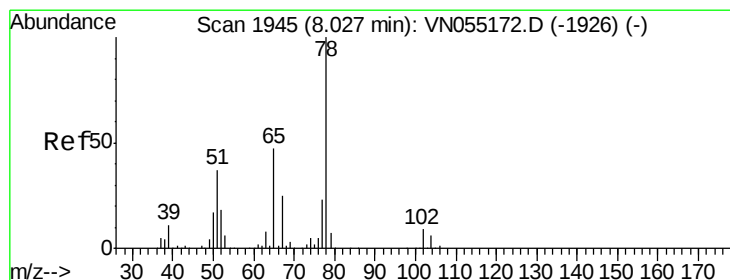
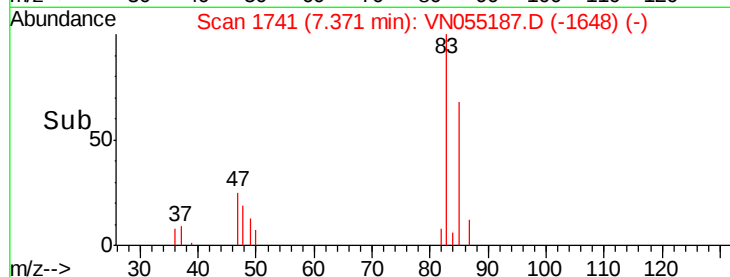
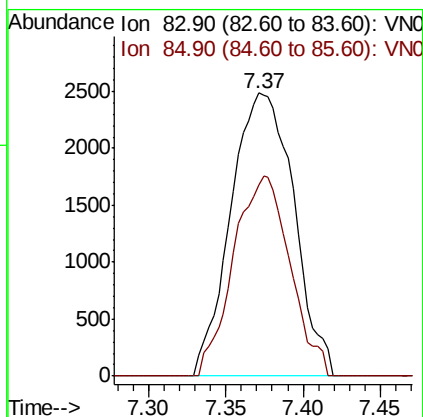
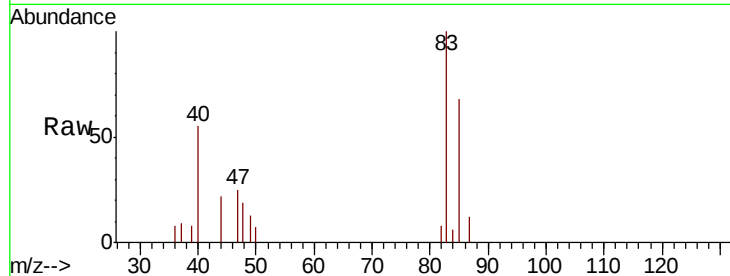




#30
Chloroform
Concen: 0.917 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

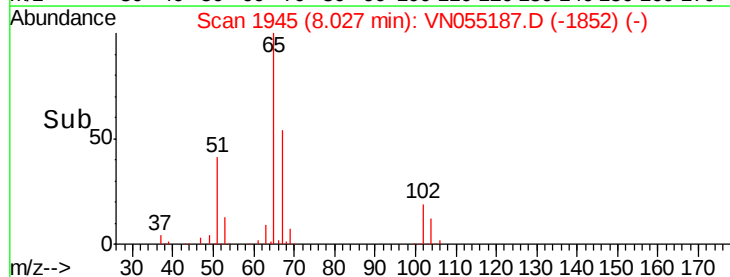
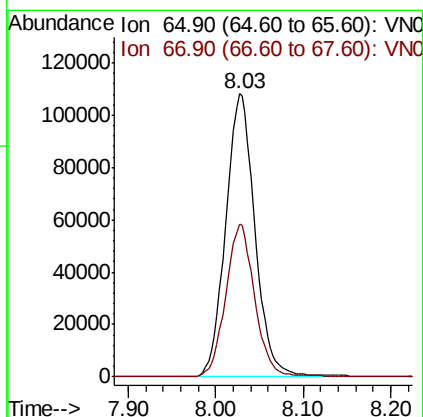
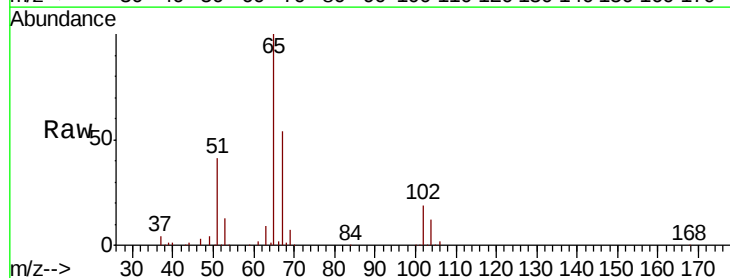
Instrument :
MSVOA_N
ClientSampled :
TP-9

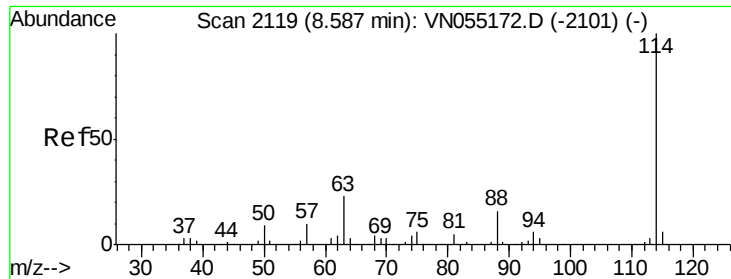
Tot Ion: 83 Resp: 7018
Ion Ratio Lower Upper
83 100
85 67.8 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 50.292 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion: 65 Resp: 251107
Ion Ratio Lower Upper
65 100
67 52.9 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

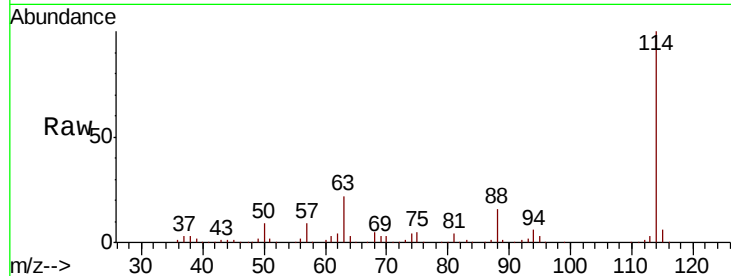
Tot Ion:114 Resp: 641173

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.2

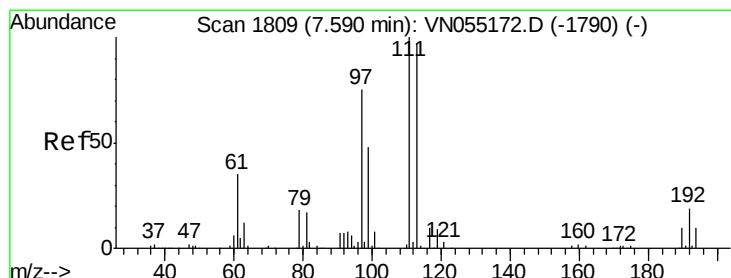
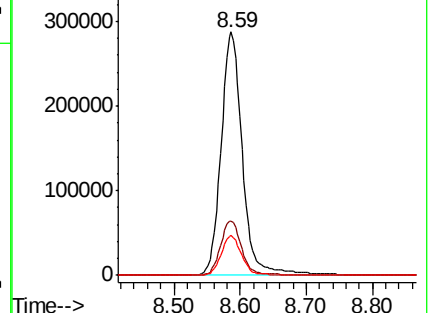
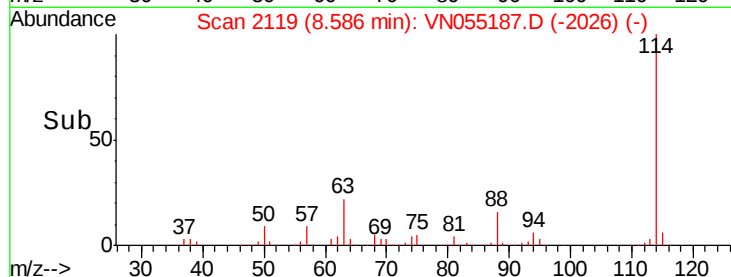
88 16.2 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.172 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

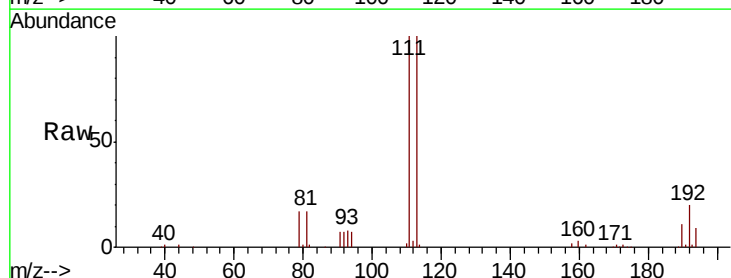
Tgt Ion:113 Resp: 209826

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

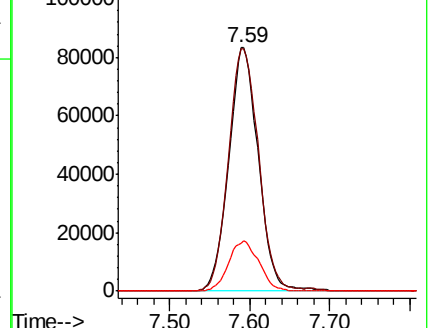
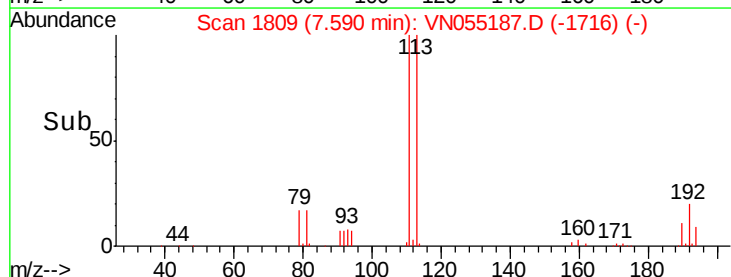
192 21.1 16.2 24.4

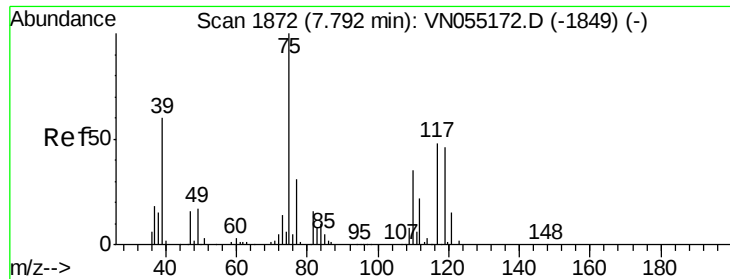


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

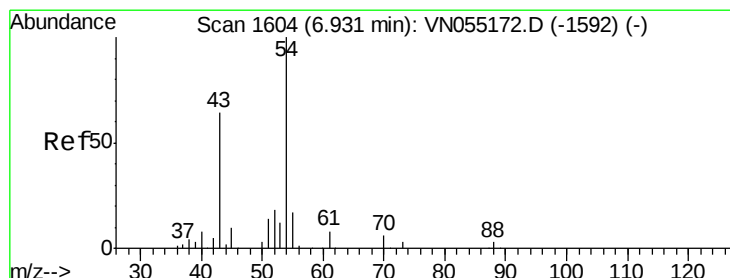
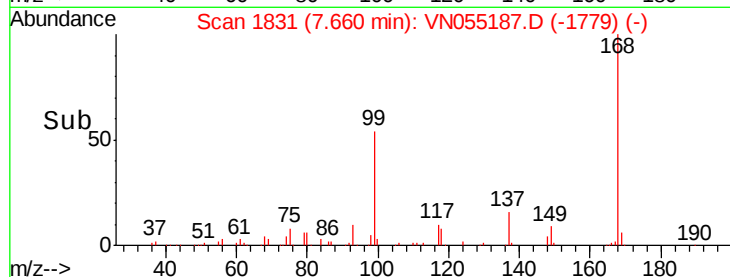
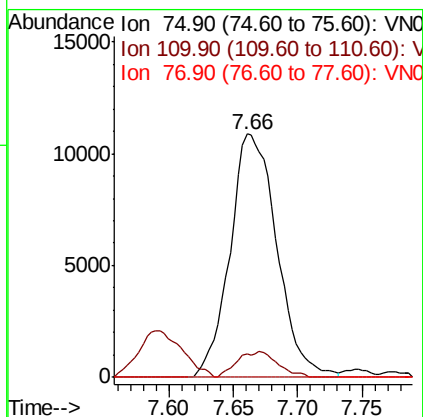
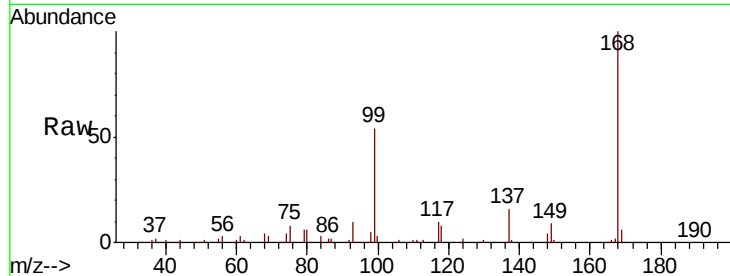




#36
 1,1-Dichloropropene
 Concen: 4.618 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN055187.D
 Acq: 22 Apr 2019 17:44

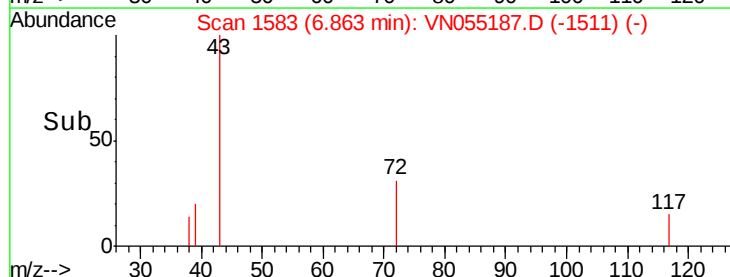
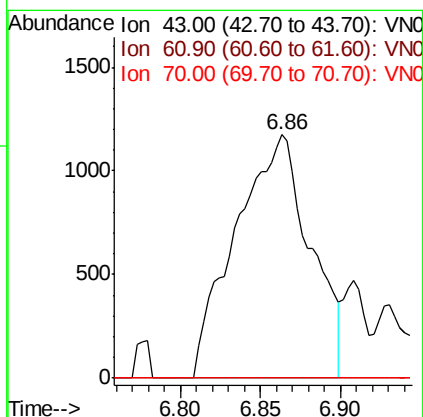
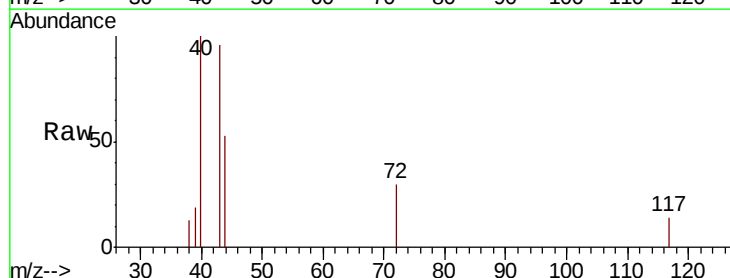
Instrument :
 MSVOA_N
 ClientSampled :
 TP-9

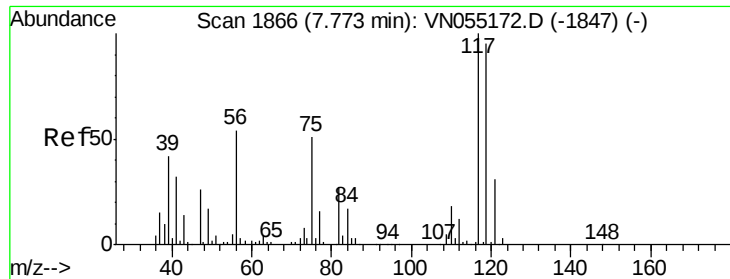
Tot Ion: 75 Resp: 27484
 Ion Ratio Lower Upper
 75 100
 110 9.2 17.1 51.2#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.787 ug/l
 RT: 6.86 min Scan# 1583
 Delta R.T. -0.07 min
 Lab File: VN055187.D
 Acq: 22 Apr 2019 17:44

Tgt Ion: 43 Resp: 3782
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.7 14.5#
 70 0.0 6.9 10.3#





#38

Carbon Tetrachloride

Concen: 6.389 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

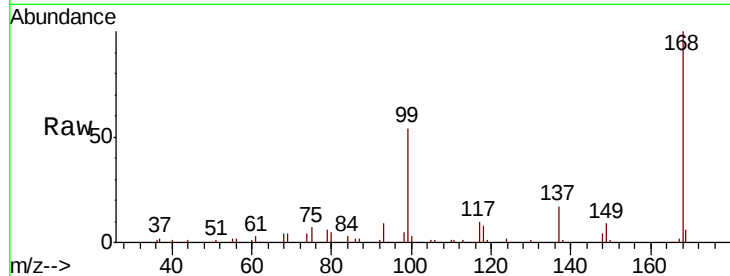
Tot Ion:117 Resp: 35603

Ion Ratio Lower Upper

117 100

119 5.2 76.0 114.0#

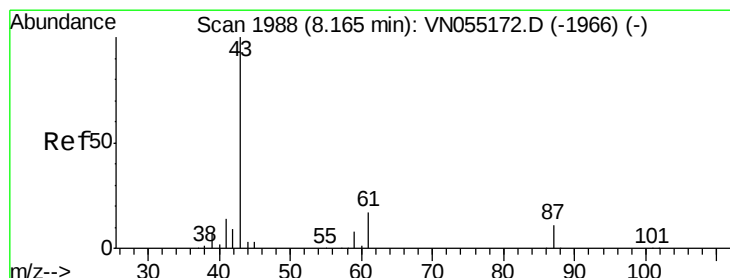
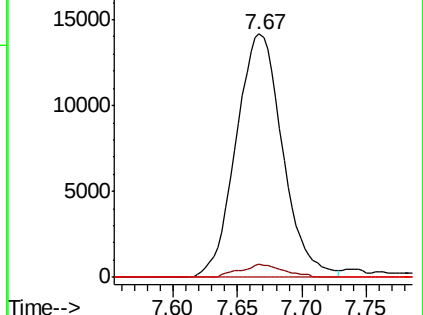
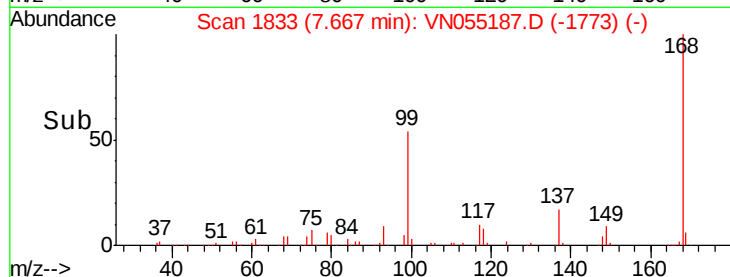
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.987 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

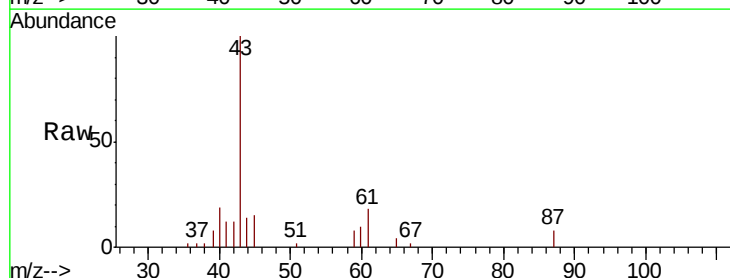
Tgt Ion: 43 Resp: 15454

Ion Ratio Lower Upper

43 100

61 22.5 20.6 30.8

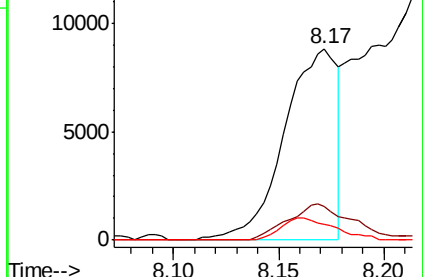
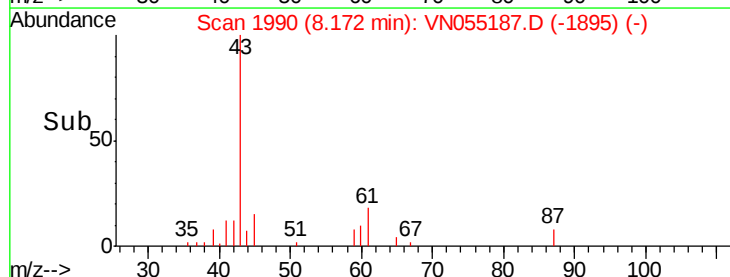
87 11.6 8.8 13.2

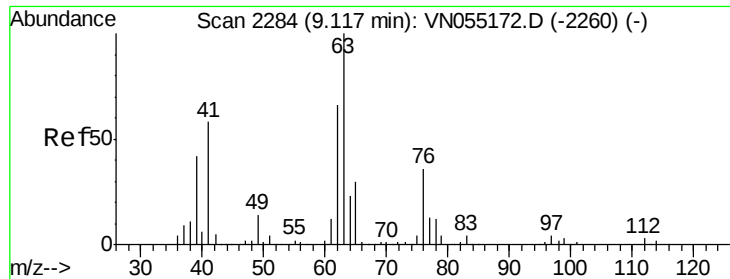


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#45

1,2-Dichloropropane

Concen: 0.315 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

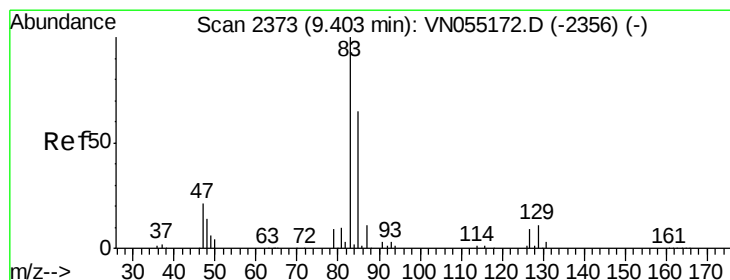
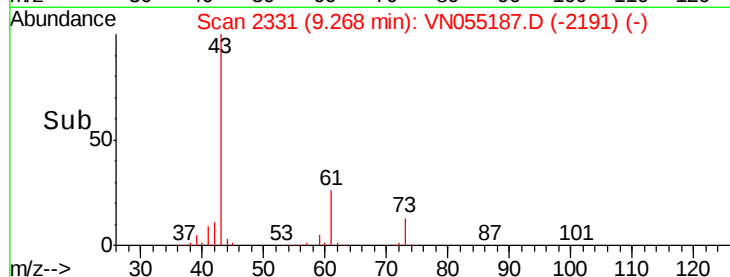
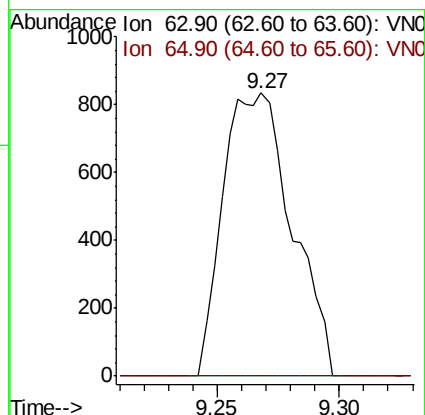
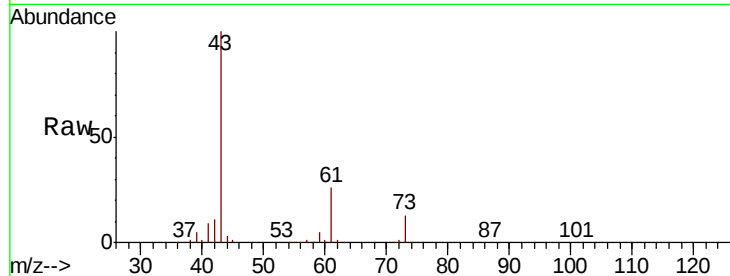
TP-9

Tot Ion: 63 Resp: 1634

Ion Ratio Lower Upper

63 100

65 0.0 23.8 35.6#



#47

Bromodichloromethane

Concen: 0.311 ug/l

RT: 9.40 min Scan# 2371

Delta R.T. -0.01 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

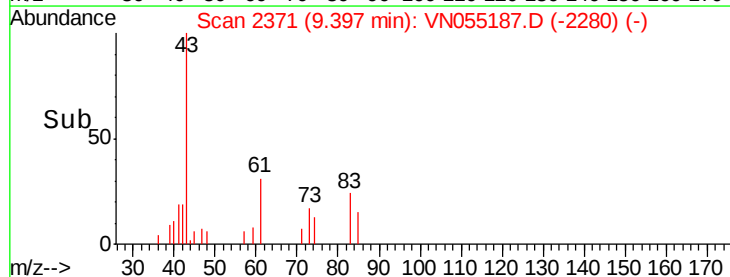
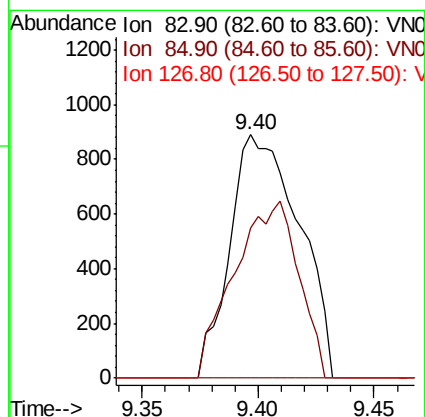
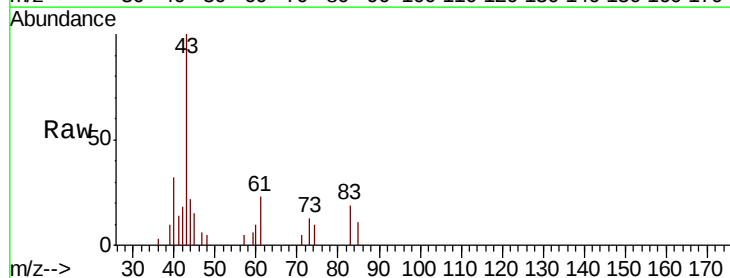
Tgt Ion: 83 Resp: 1847

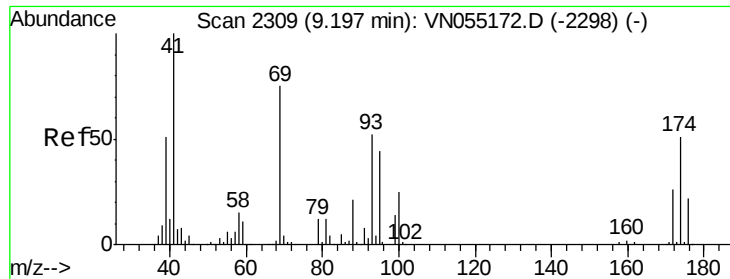
Ion Ratio Lower Upper

83 100

85 61.5 52.1 78.1

127 0.0 6.9 10.3#

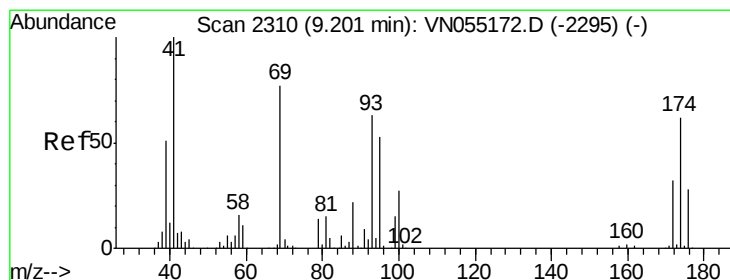
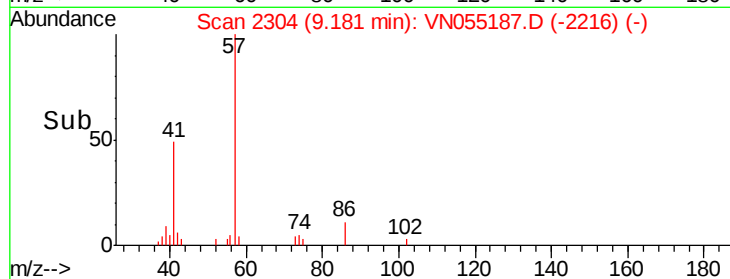
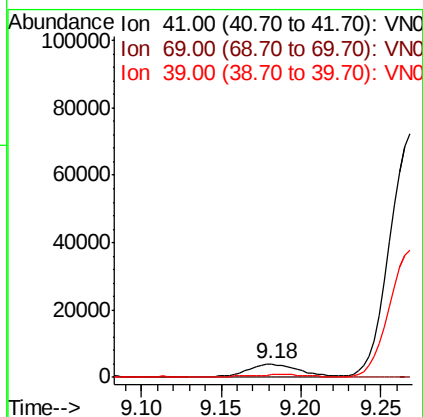
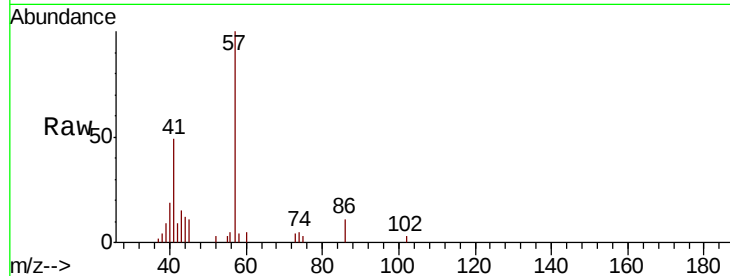




#48
Methyl methacrylate
Concen: 2.374 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

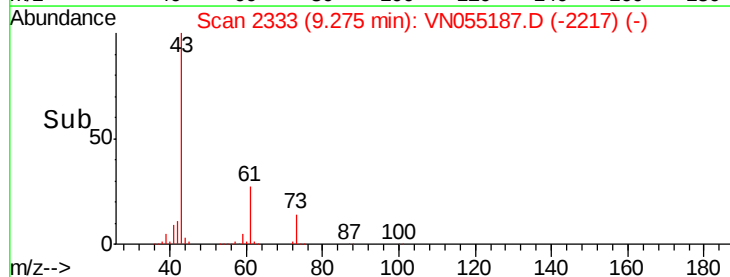
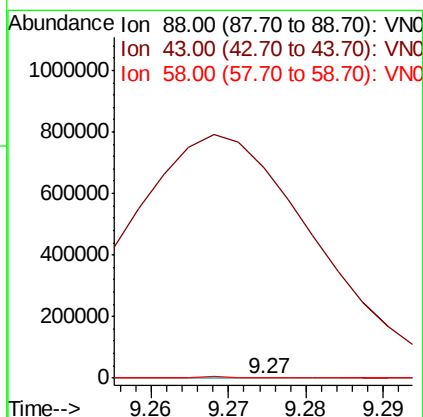
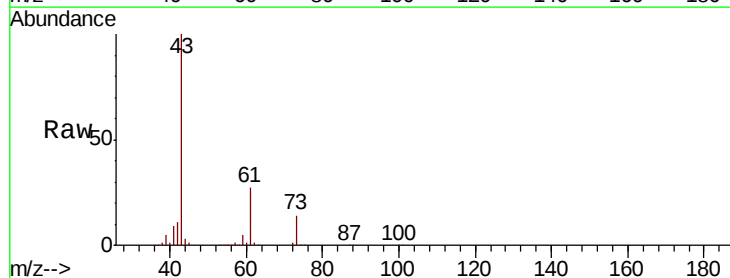
Instrument :
MSVOA_N
Client Sampled :
TP-9

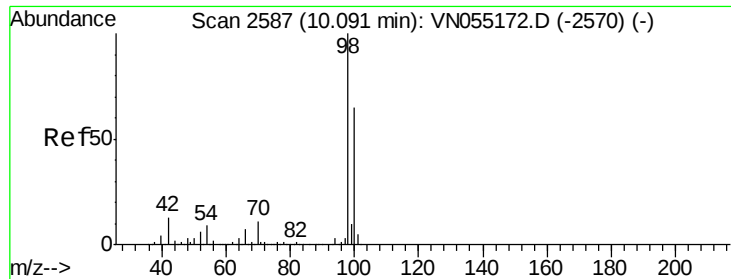
Tot Ion: 41 Resp: 8956
Ion Ratio Lower Upper
41 100
69 0.0 63.6 95.4#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 2.410 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
43 1400609.5 32.0 48.0#
58 6037.1 60.4 90.6#





#50

Toluene-d8

Concen: 47.711 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

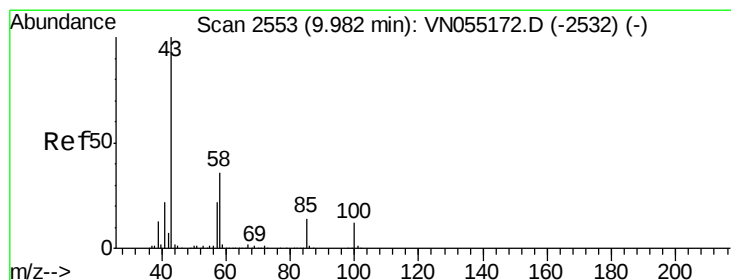
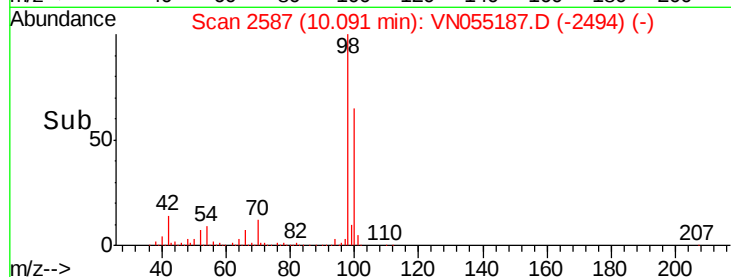
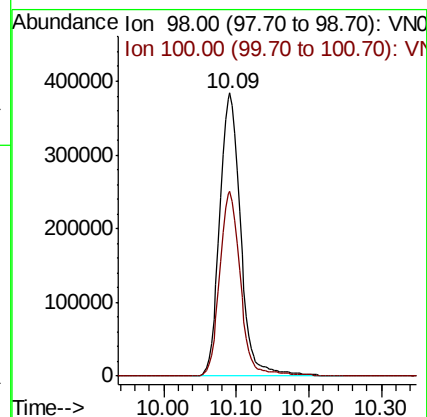
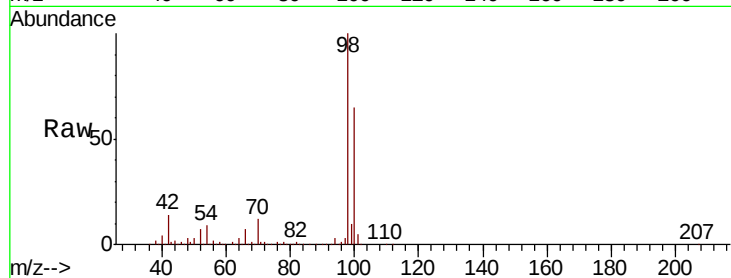
TP-9

Tot Ion: 98 Resp: 770003

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 1.065 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055187.D

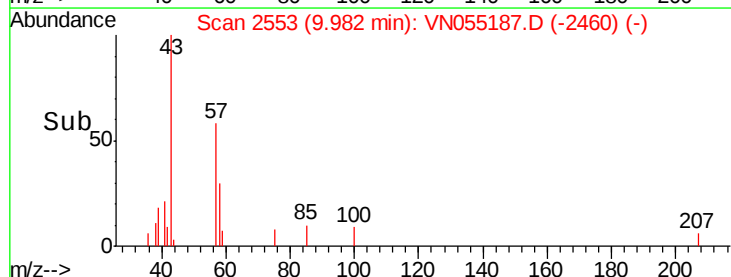
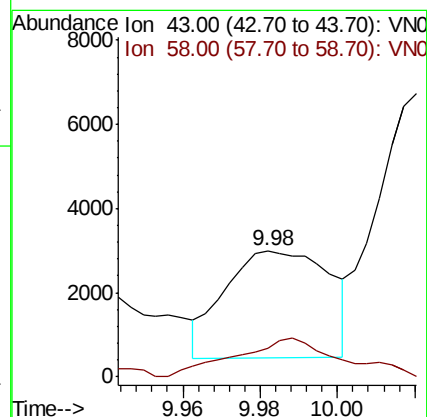
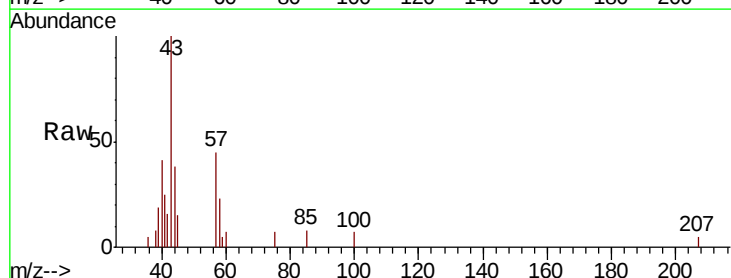
Acq: 22 Apr 2019 17:44

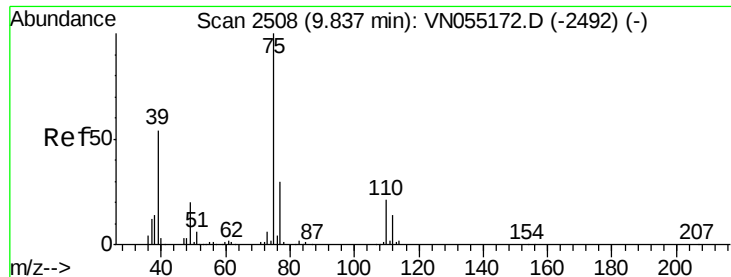
Tgt Ion: 43 Resp: 4767

Ion Ratio Lower Upper

43 100

58 36.4 28.3 42.5





#54

cis-1,3-Dichloropropene

Concen: 8.547 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

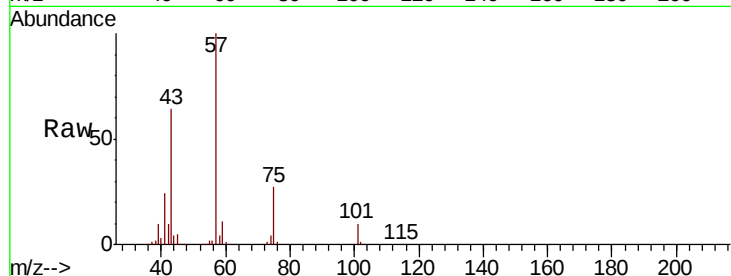
Tot Ion: 75 Resp: 57845

Ion Ratio Lower Upper

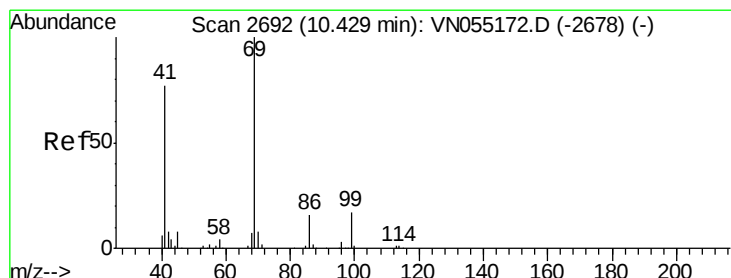
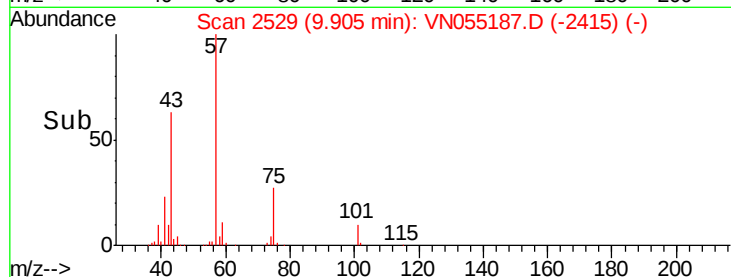
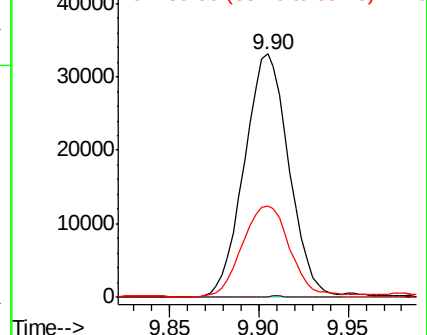
75 100

77 0.0 24.3 36.5#

39 37.7 43.0 64.4#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 76.90 (76.60 to 77.60): VNO
Ion 39.00 (38.70 to 39.70): VNO



#56

Ethyl methacrylate

Concen: 0.245 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

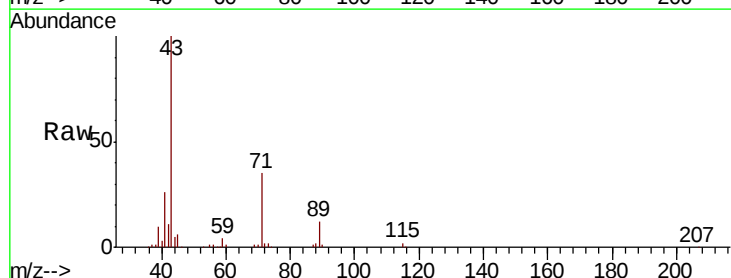
Tgt Ion: 69 Resp: 1210

Ion Ratio Lower Upper

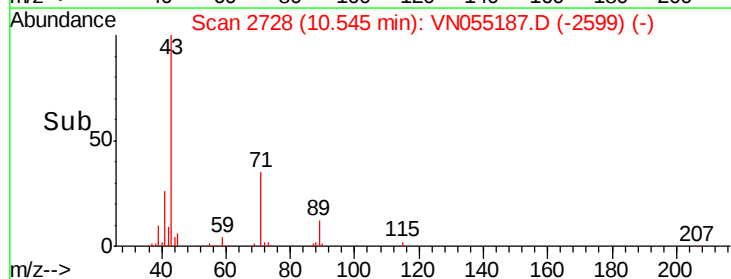
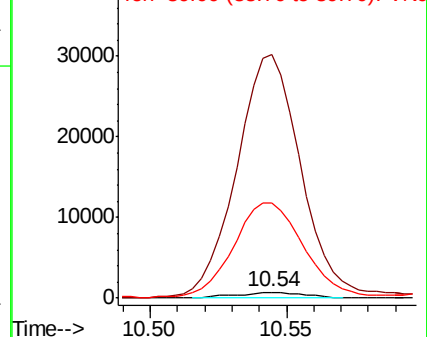
69 100

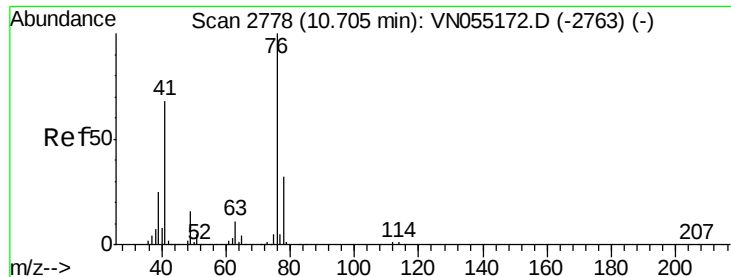
41 4131.7 60.6 90.8#

39 1770.2 31.7 47.5#



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





#57

1,3-Dichloropropane

Concen: 1.546 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

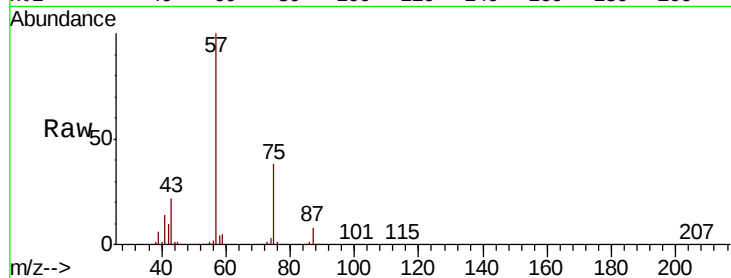
TP-9

Tot Ion: 76 Resp: 10677

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.76

8000

6000

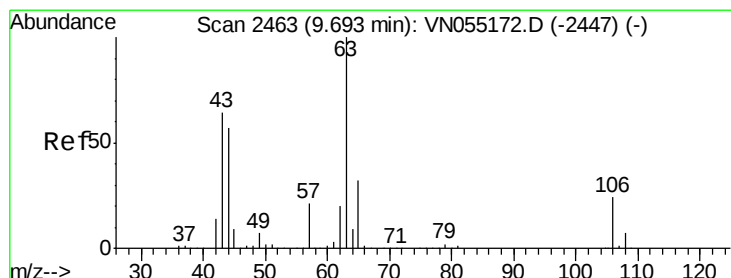
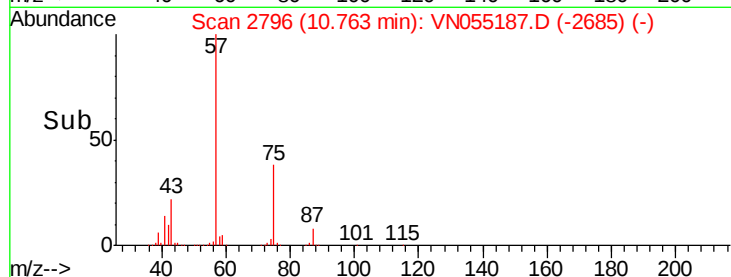
4000

2000

0

Time-->

10.70 10.75 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 11.356 ug/l

RT: 9.91 min Scan# 2531

Delta R.T. 0.22 min

Lab File: VN055187.D

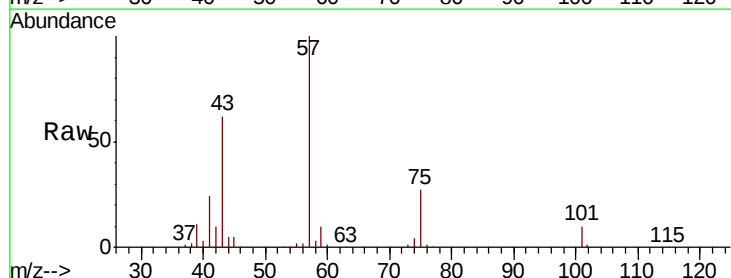
Acq: 22 Apr 2019 17:44

Tgt Ion: 63 Resp: 149

Ion Ratio Lower Upper

63 100

106 0.0 19.4 29.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.91

200

150

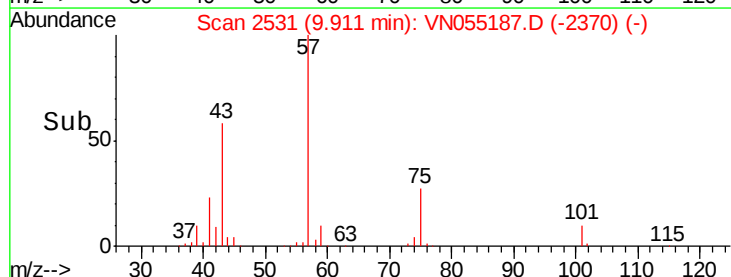
100

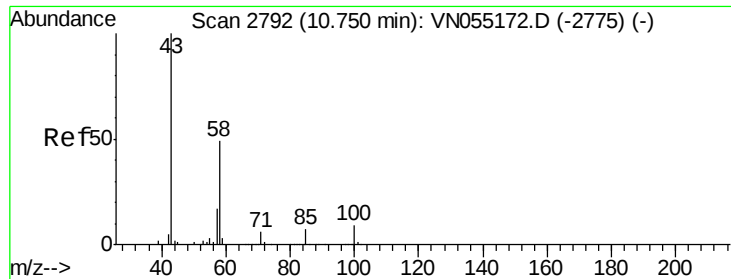
50

0

Time-->

9.89 9.90 9.91 9.92

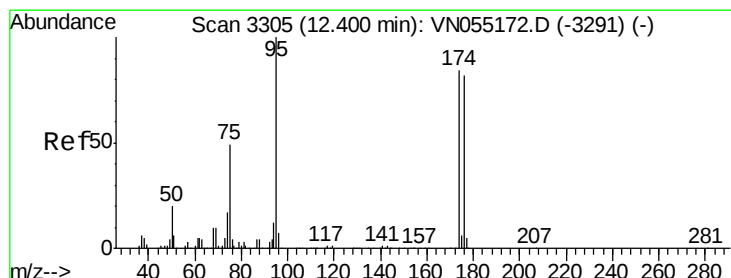
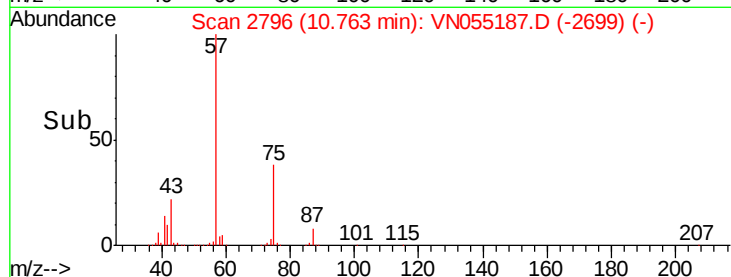
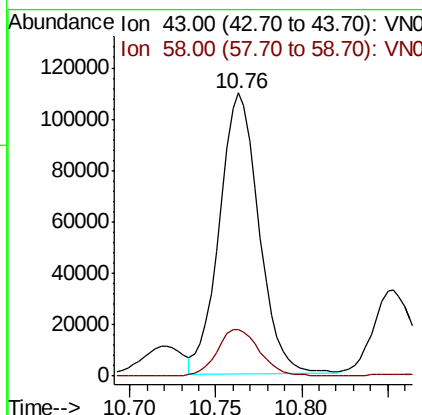
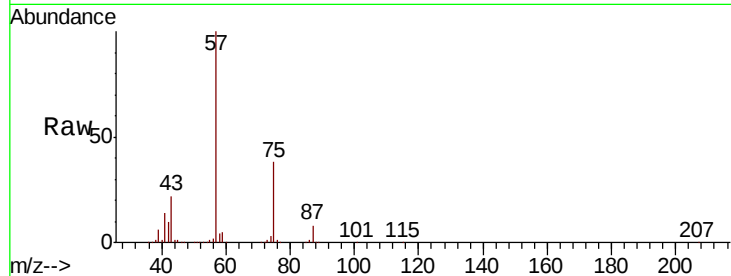




#59
2-Hexanone
Concen: 61.754 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

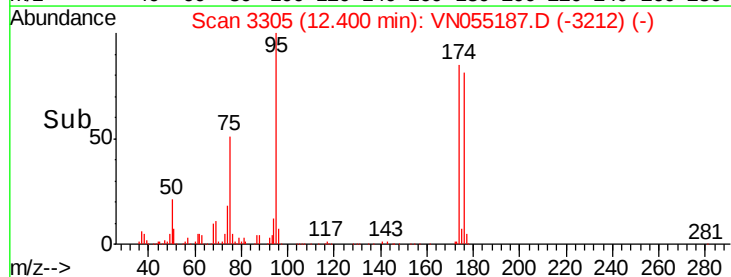
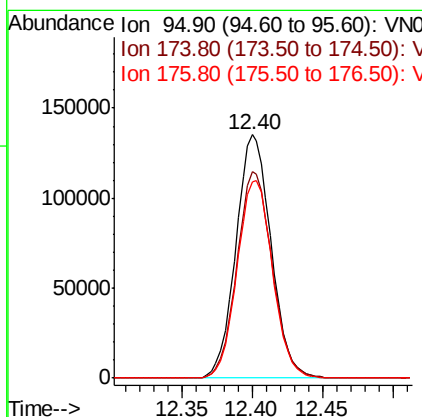
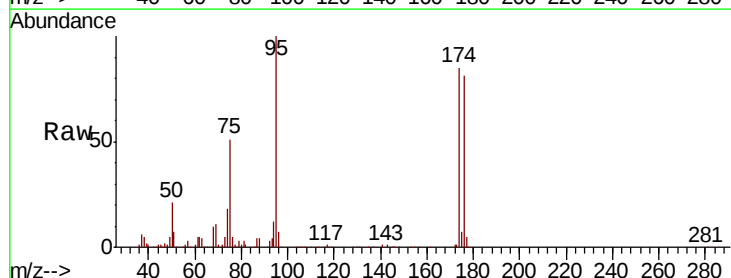
Instrument :
MSVOA_N
ClientSampled :
TP-9

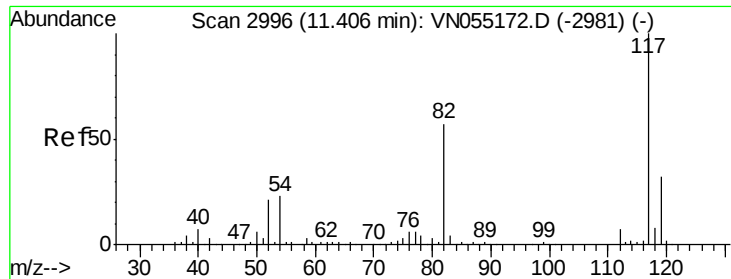
Tot Ion: 43 Resp: 174563
Ion Ratio Lower Upper
43 100
58 18.1 24.5 73.5#



#62
4-Bromofluorobenzene
Concen: 46.120 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion: 95 Resp: 235708
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.4
176 82.1 0.0 164.0

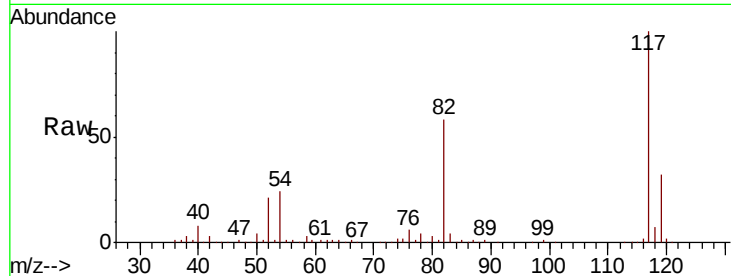




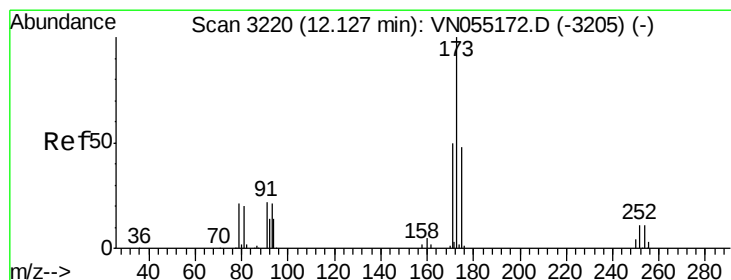
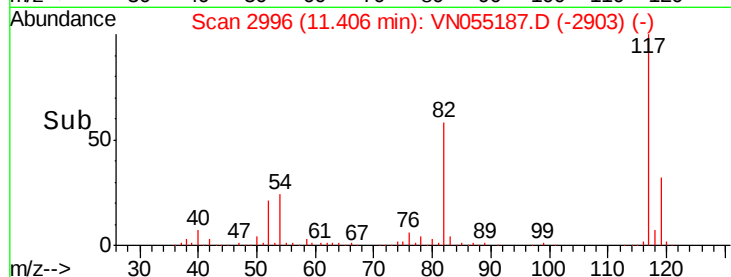
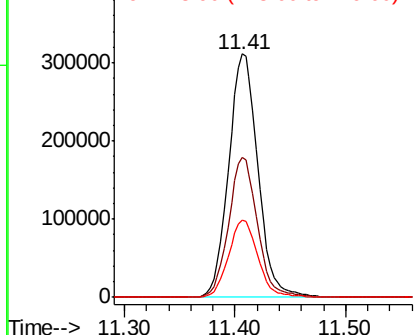
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tot Ion:117 Resp: 572004
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.0 25.4 38.2

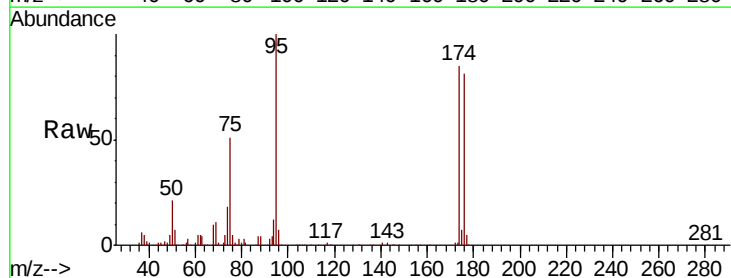


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

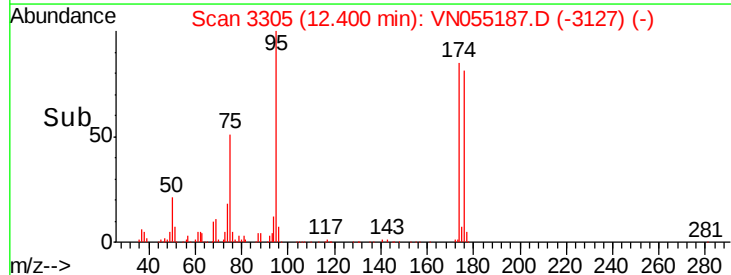
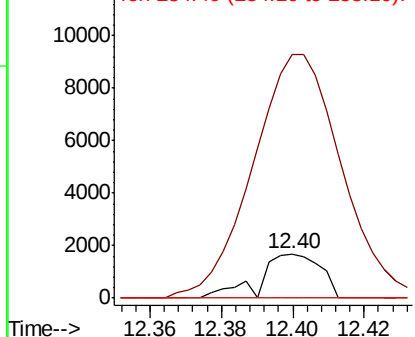


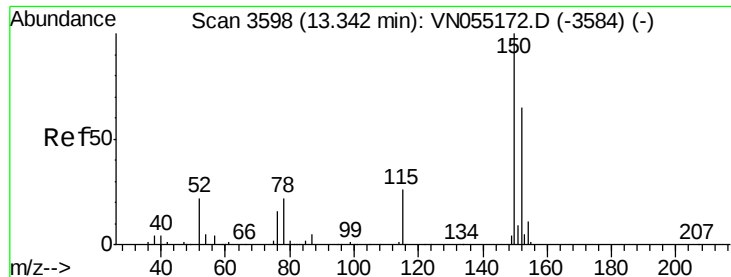
#71
Bromoform
Concen: 0.767 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Tgt Ion:173 Resp: 1980
Ion Ratio Lower Upper
173 100
175 700.8 23.8 71.2#
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: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampled :

TP-9

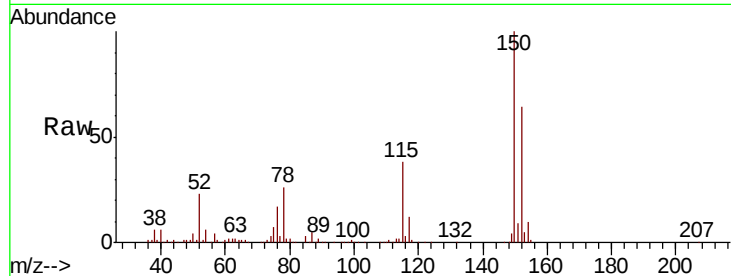
Tot Ion:152 Resp: 169118

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.7

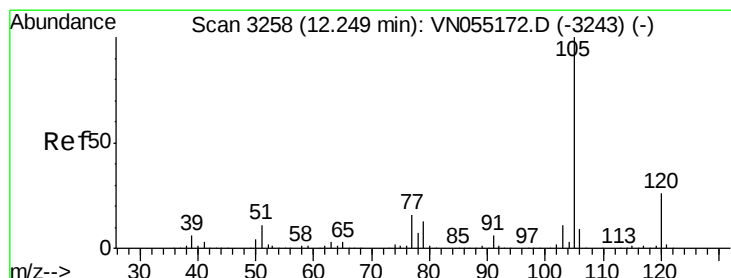
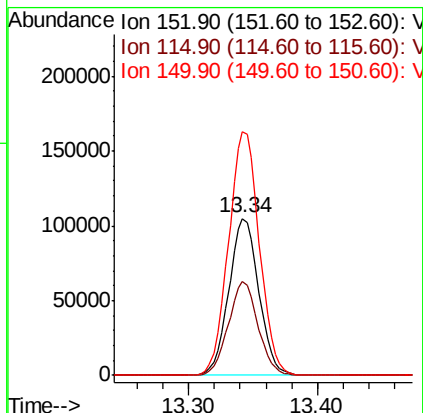
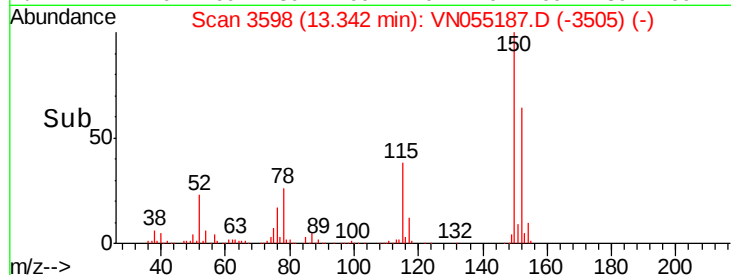
150 158.9 0.0 346.6



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: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055187.D

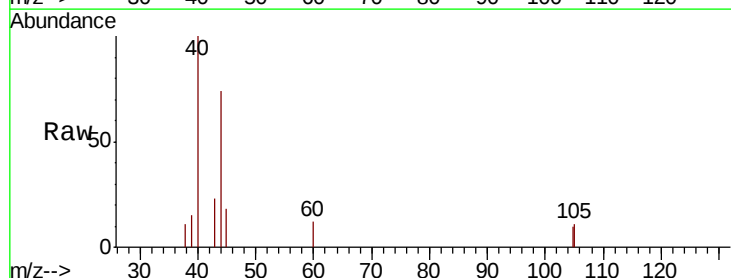
Acq: 22 Apr 2019 17:44

Tgt Ion:105 Resp: 340

Ion Ratio Lower Upper

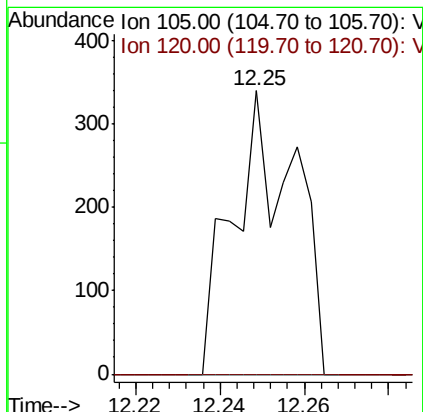
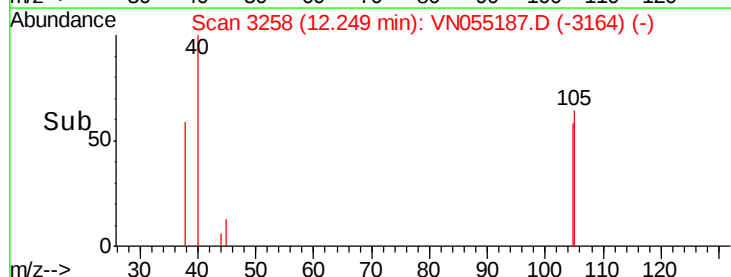
105 100

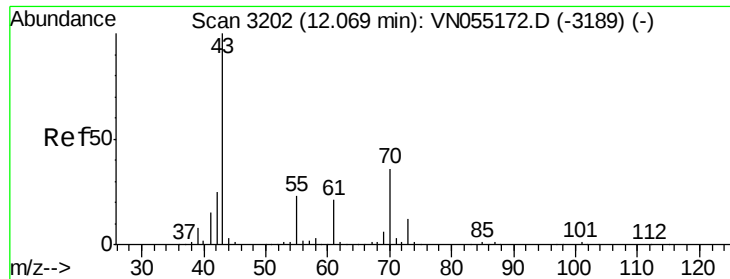
120 0.0 13.1 39.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.798 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

Tot Ion: 43 Resp: 16558

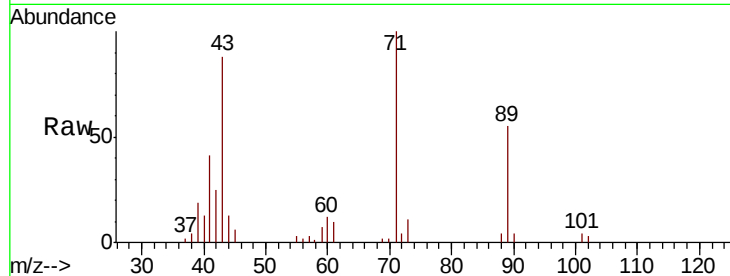
Ion Ratio Lower Upper

43 100

70 2.2 29.0 43.6#

55 4.7 18.5 27.7#

61 11.2 17.0 25.4#

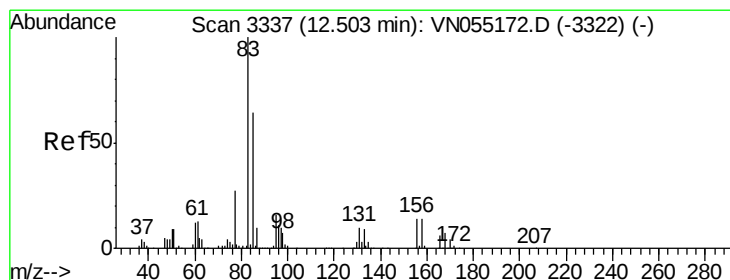
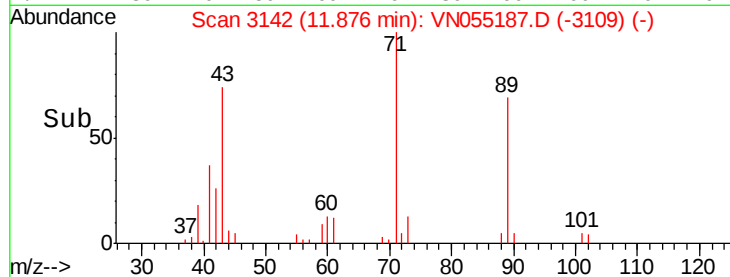
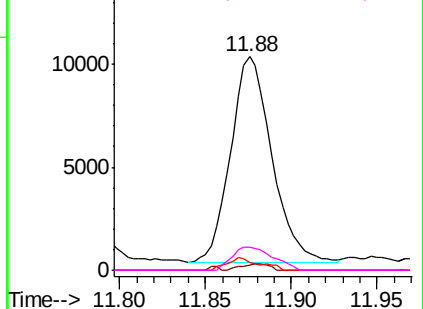


Abundance Ion 43.00 (42.70 to 43.70): VN0

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



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3306

Delta R.T. -0.10 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

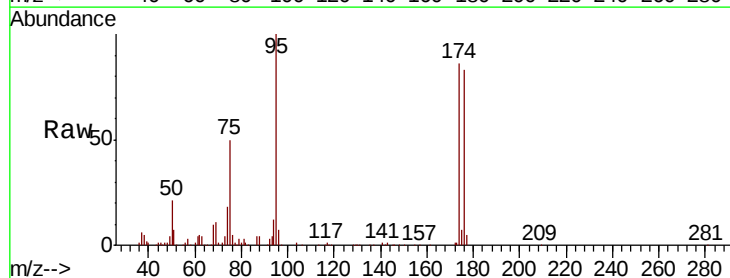
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 221.2 5.0 15.0#

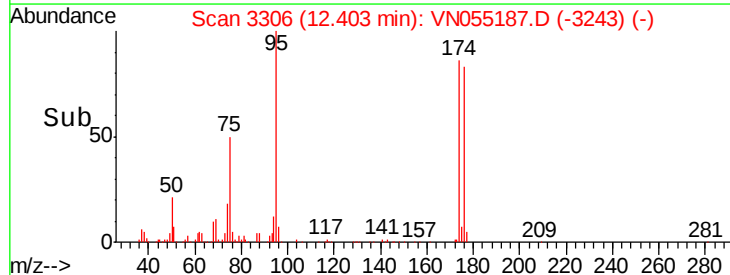
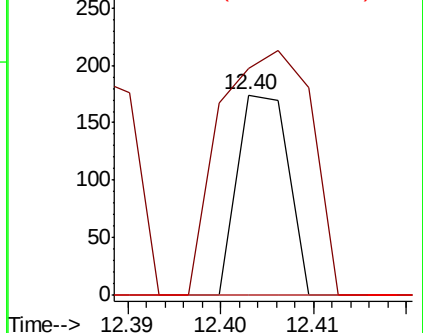
85 0.0 32.1 96.3#

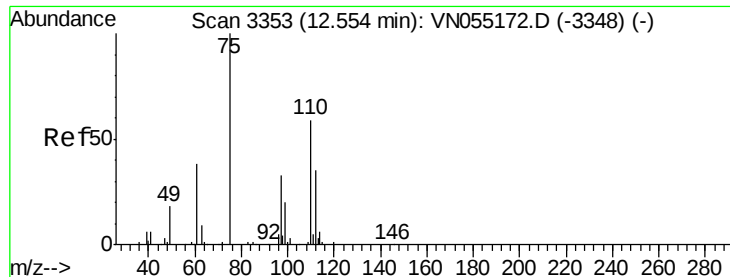


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 35.241 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

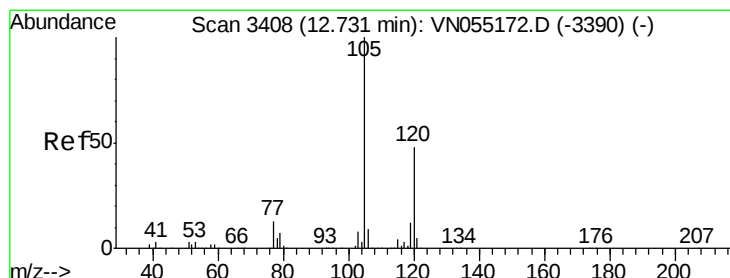
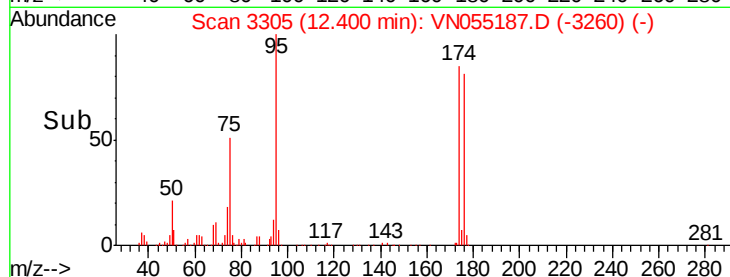
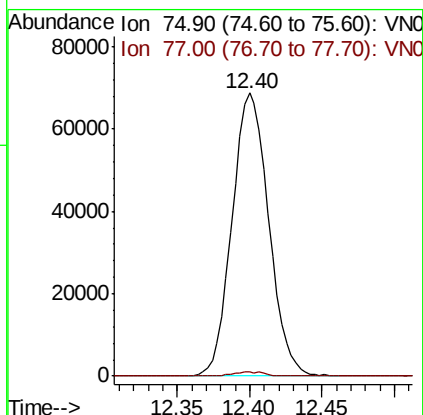
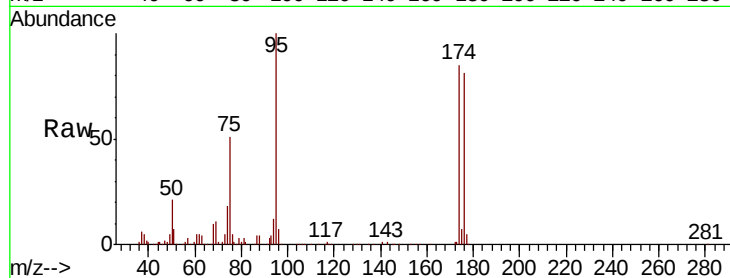
TP-9

Tot Ion: 75 Resp: 120909

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#80

1,3,5-Trimethylbenzene

Concen: 0.279 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055187.D

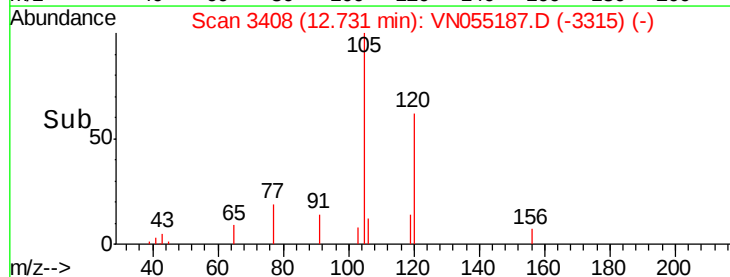
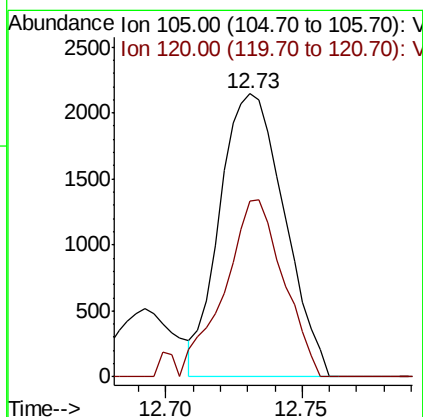
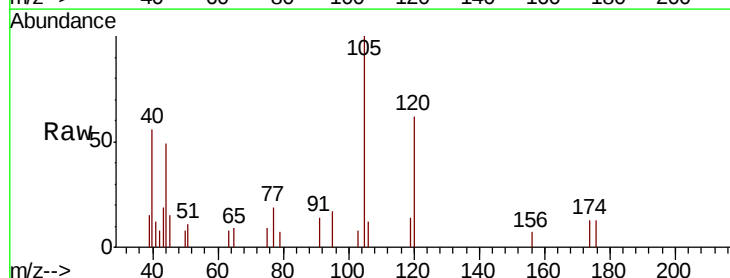
Acq: 22 Apr 2019 17:44

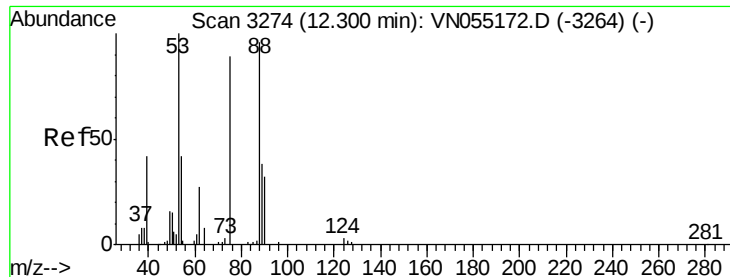
Tgt Ion:105 Resp: 3535

Ion Ratio Lower Upper

105 100

120 57.0 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 133.591 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

Instrument :

MSVOA_N

ClientSampleId :

TP-9

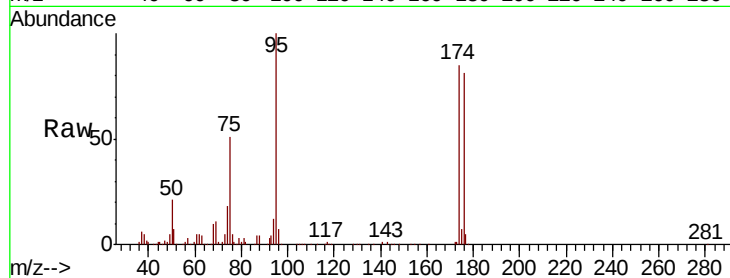
Tot Ion: 75 Resp: 120909

Ion Ratio Lower Upper

75 100

53 0.1 90.1 135.1#

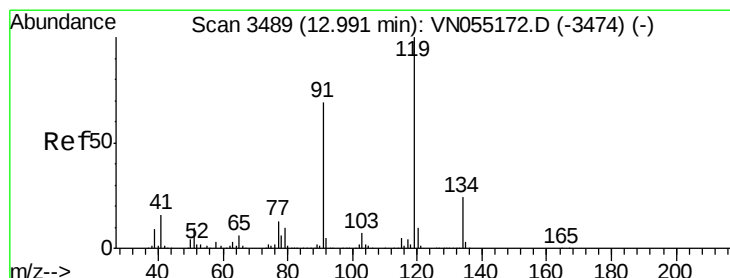
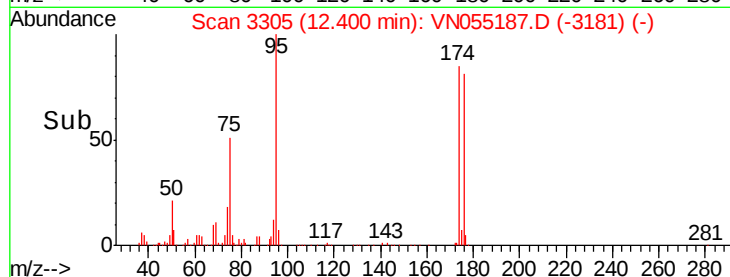
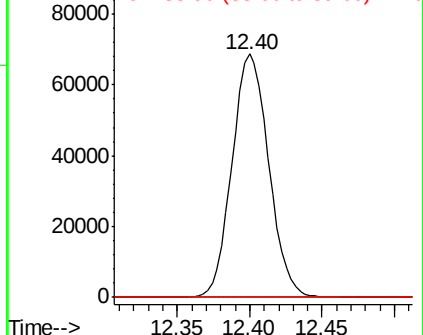
89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VN055187.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055187.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055187.D (-3305) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.05 min Scan# 3507

Delta R.T. 0.06 min

Lab File: VN055187.D

Acq: 22 Apr 2019 17:44

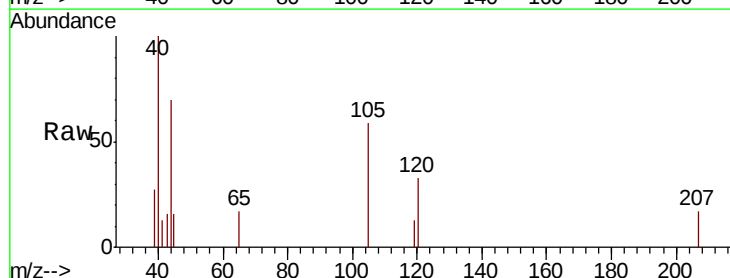
Tgt Ion: 119 Resp: 69

Ion Ratio Lower Upper

119 100

91 175.4 33.8 101.3#

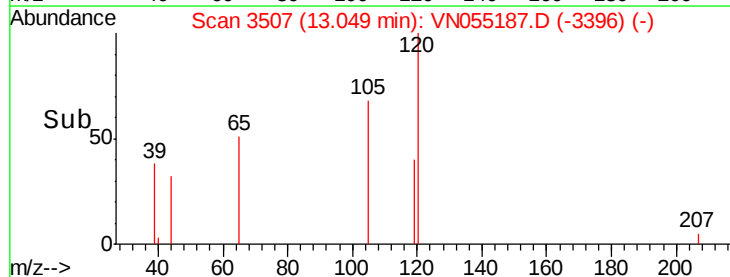
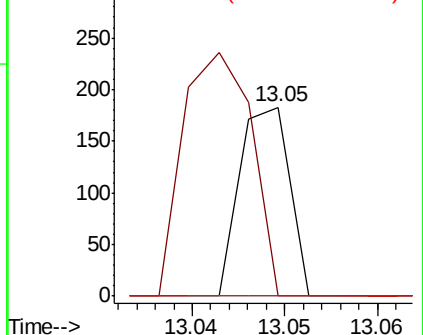
134 0.0 13.2 39.5#

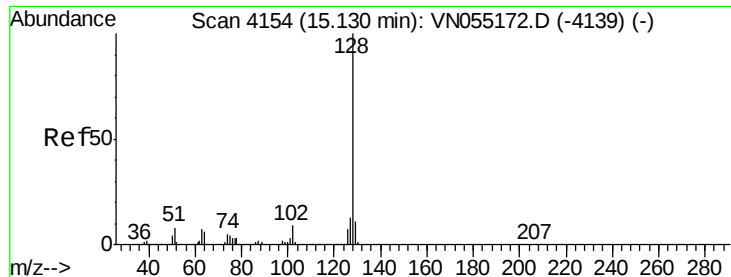


Abundance Ion 119.00 (118.70 to 119.70): VN055187.D (-3489) (-)

Ion 91.00 (90.70 to 91.70): VN055187.D (-3489) (-)

Ion 134.00 (133.70 to 134.70): VN055187.D (-3489) (-)





#95
Naphthalene
Concen: 4.301 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055187.D
Acq: 22 Apr 2019 17:44

Instrument :
MSVOA_N
ClientSampleId :
TP-9

Tot Ion:128 Resp: 5311
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 12.0 8.8 13.2

