

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031219\
 Data File : VN054189.D
 Acq On : 13 Mar 2019 3:28
 Operator : JC/SP
 Sample : K1846-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

Quant Time: Mar 13 07:35:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1438603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2361784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2496083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1155855	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	785403	51.41	ug/l	0.00
Spiked Amount			Recovery	=	102.82%	
35) Dibromofluoromethane	7.59	113	734607	48.23	ug/l	0.00
Spiked Amount			Recovery	=	96.46%	
50) Toluene-d8	10.09	98	2919455	51.90	ug/l	0.00
Spiked Amount			Recovery	=	103.80%	
62) 4-Bromofluorobenzene	12.40	95	1165020	59.19	ug/l	0.00
Spiked Amount			Recovery	=	118.38%	

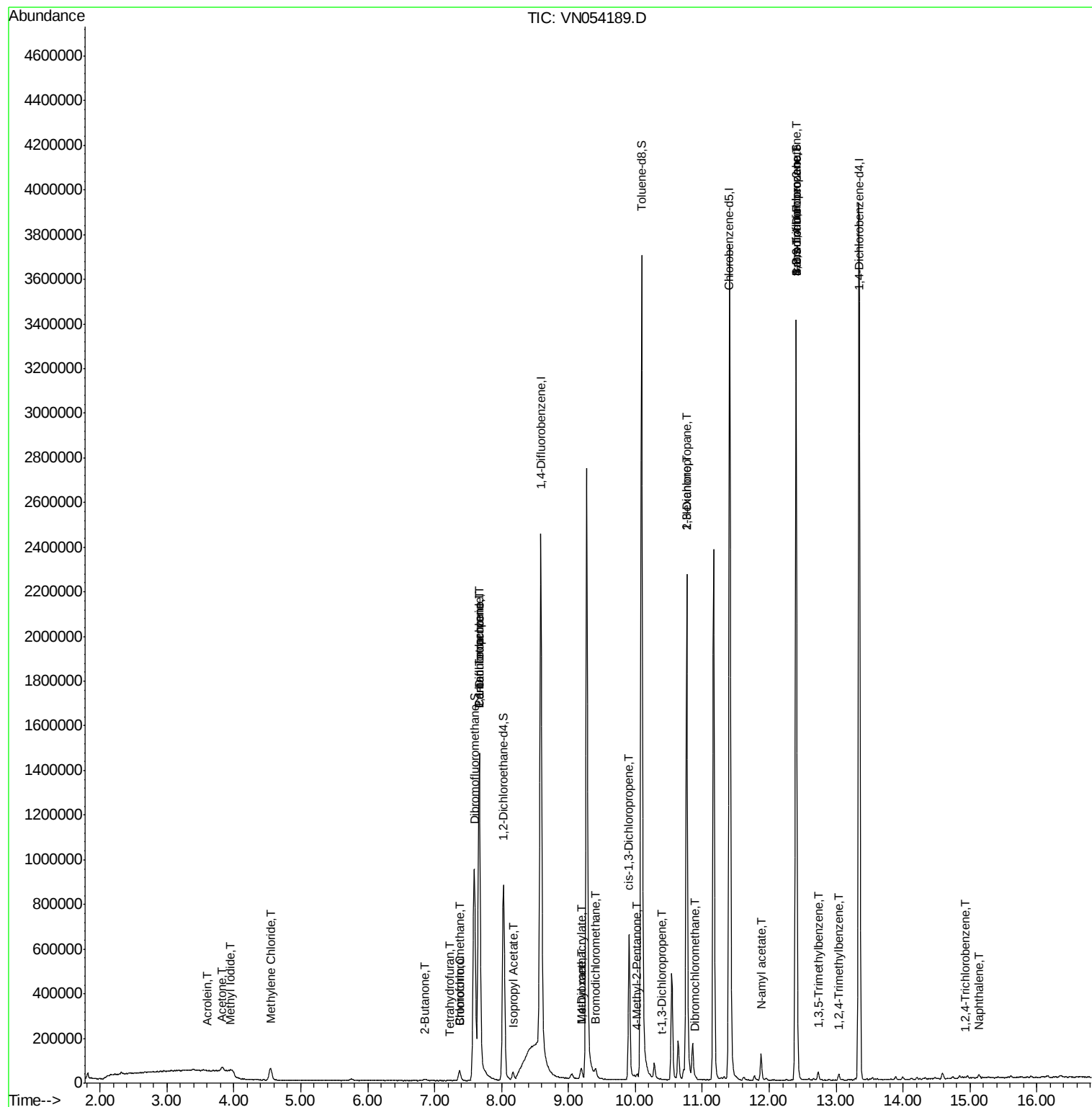
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	266	1.509	ug/l #	1
13) Acrolein	3.61	56	577	0.581	ug/l #	7
16) Acetone	3.82	43	29214	6.678	ug/l #	82
20) Methylene Chloride	4.55	84	43092	3.000	ug/l	96
25) 2-Butanone	6.85	43	1760	0.343	ug/l #	88
28) Bromochloromethane	7.37	49	3605	0.359	ug/l #	4
29) Tetrahydrofuran	7.22	42	2148	0.651	ug/l #	55
30) Chloroform	7.37	83	47084	1.836	ug/l	96
31) Cyclohexane	7.66	56	22300	Below Cal	#	7
36) 1,1-Dichloropropene	7.66	75	84614	3.890	ug/l #	47
38) Carbon Tetrachloride	7.66	117	114478	5.019	ug/l #	17
43) Isopropyl Acetate	8.17	43	42789	1.951	ug/l	97
47) Bromodichloromethane	9.40	83	17127	0.818	ug/l	94
48) Methyl methacrylate	9.18	41	16141	1.450	ug/l #	11
49) 1,4-Dioxane	9.20	88	61	0.387	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	16029	1.381	ug/l #	36
53) t-1,3-Dichloropropene	10.39	75	374	2.001	ug/l #	1
54) cis-1,3-Dichloropropene	9.91	75	132106	5.415	ug/l #	60
57) 1,3-Dichloropropane	10.76	76	25080	1.064	ug/l #	43
59) 2-Hexanone	10.77	43	344089	44.545	ug/l #	49
60) Dibromochloromethane	10.90	129	4962	0.306	ug/l	94
71) Bromoform	12.40	173	7273	2.807	ug/l #	1
74) N-amyl acetate	11.88	43	35516	1.730	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	563649	33.161	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	15442	0.201	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	563649	113.359	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	17221	0.228	ug/l	100
93) 1,2,4-Trichlorobenzene	14.91	180	1577	2.578	ug/l #	72
95) Naphthalene	15.14	128	13600	3.719	ug/l	96

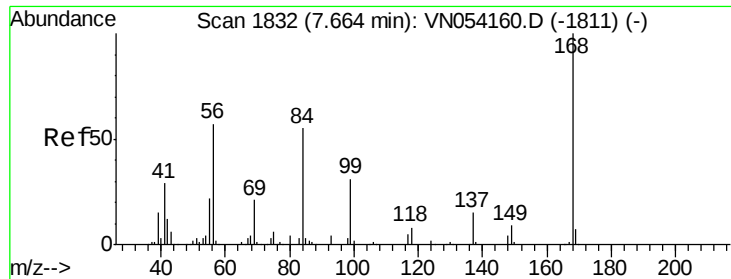
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

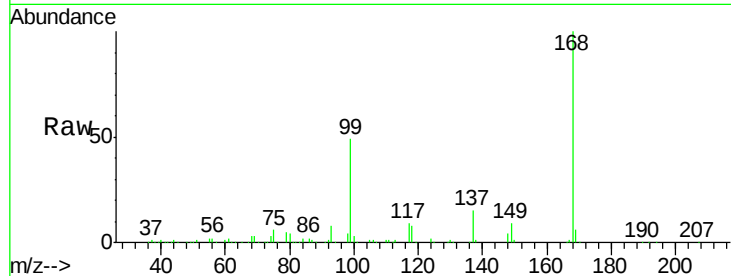
TP-1-S

Tot Ion:168 Resp: 1438603

Ion Ratio Lower Upper

168 100

99 48.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

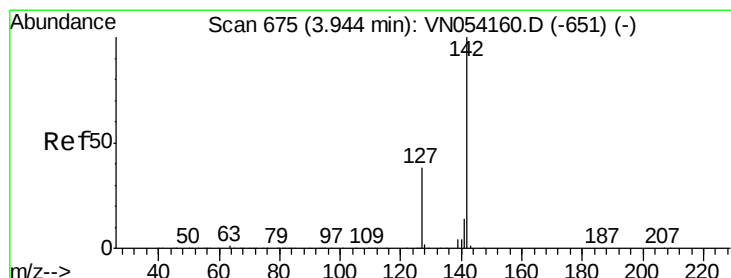
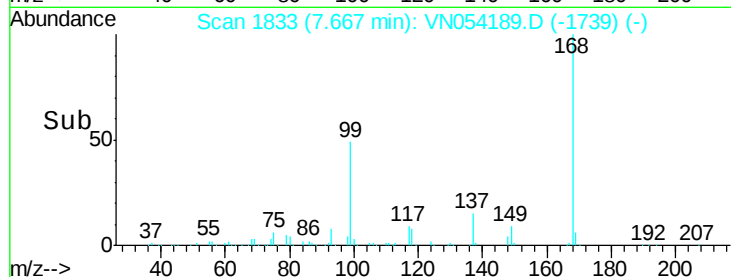
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#10

Methyl Iodide

Concen: 1.509 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.01 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

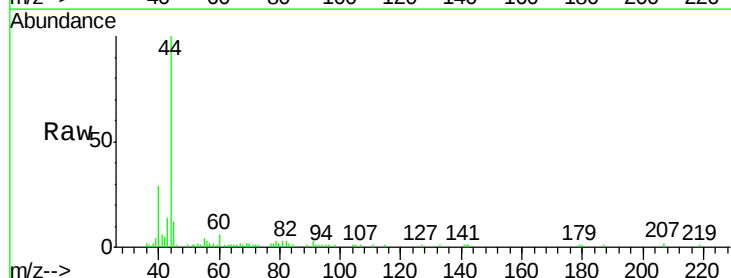
Tgt Ion:142 Resp: 266

Ion Ratio Lower Upper

142 100

127 109.4 30.3 45.5#

141 62.0 11.2 16.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

400

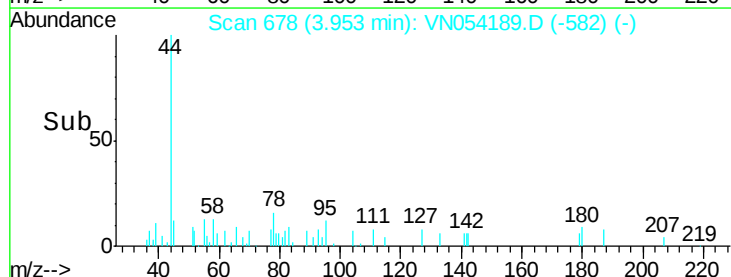
300

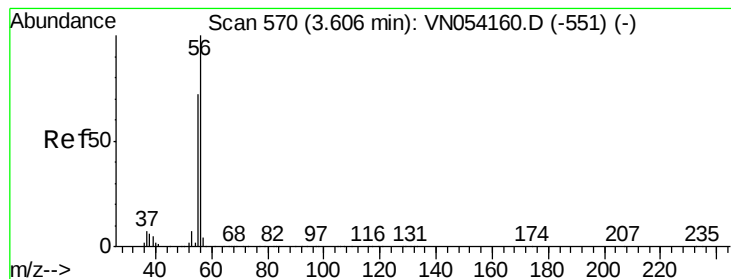
200

100

0

Time--> 3.93 3.94 3.95 3.96 3.97





#13

Acrolein

Concen: 0.581 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

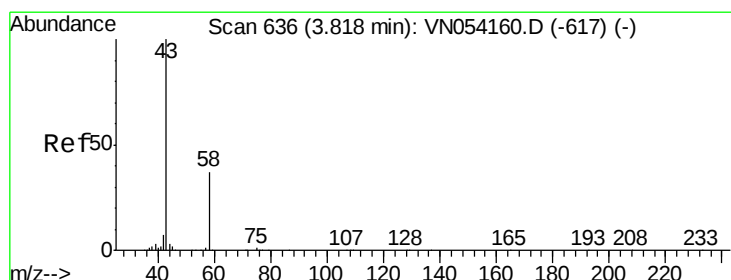
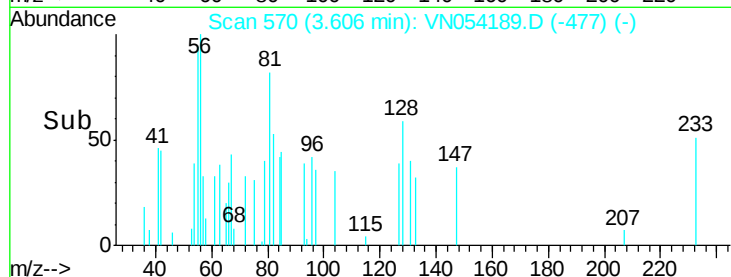
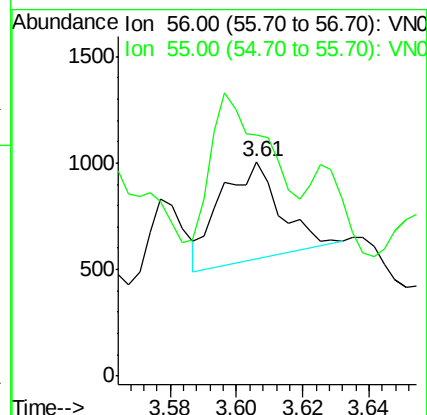
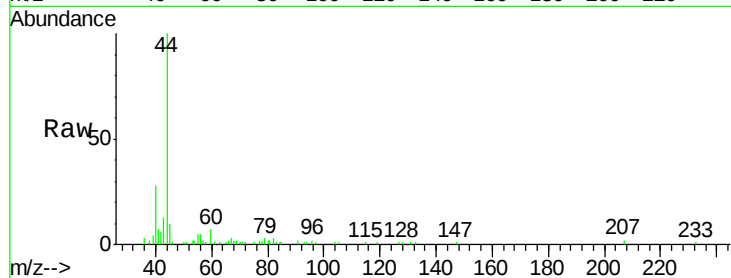
TP-1-S

Tot Ion: 56 Resp: 577

Ion Ratio Lower Upper

56 100

55 147.7 56.7 85.1#



#16

Acetone

Concen: 6.678 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054189.D

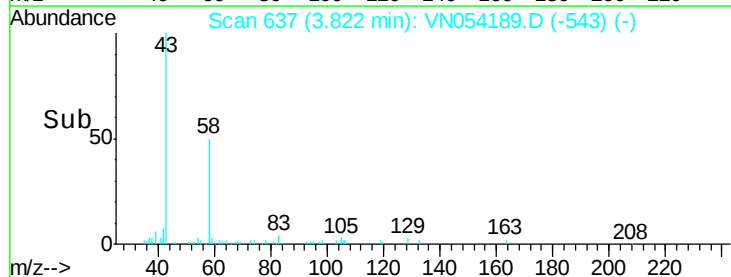
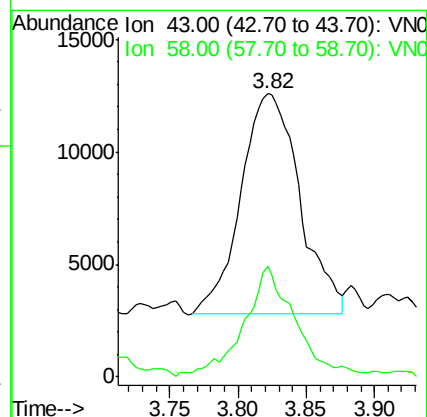
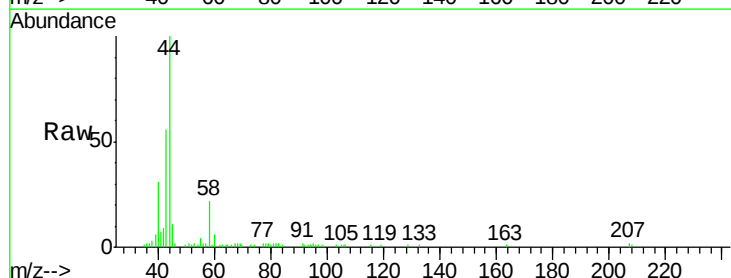
Acq: 13 Mar 2019 3:28

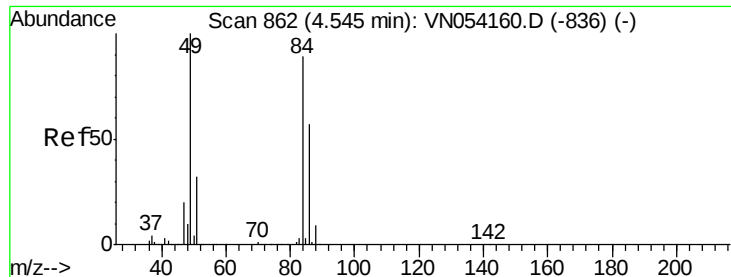
Tgt Ion: 43 Resp: 29214

Ion Ratio Lower Upper

43 100

58 48.3 29.9 44.9#

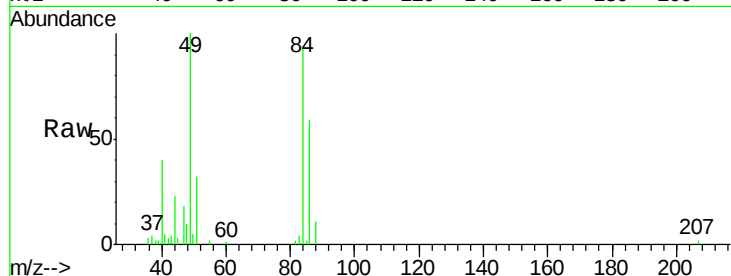




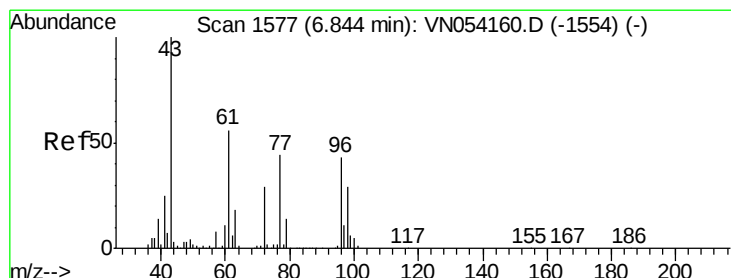
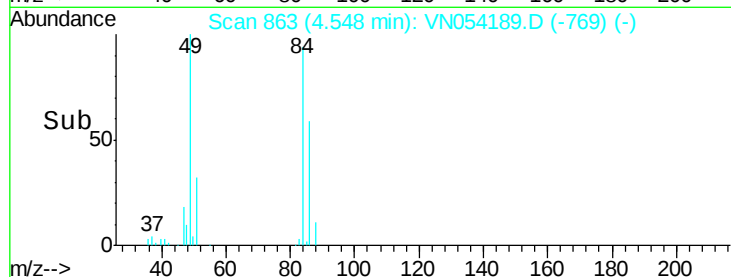
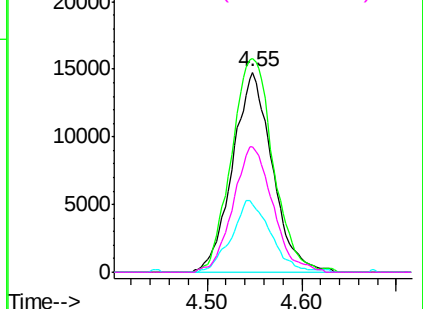
#20
Methvlene Chloride
Concen: 3.000 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

Instrument :
MSVOA_N
ClientSampled :
TP-1-S

Tot Ion: 84 Resp: 43092
Ion Ratio Lower Upper
84 100
49 106.7 89.7 134.5
51 33.7 28.2 42.4
86 62.5 50.8 76.2

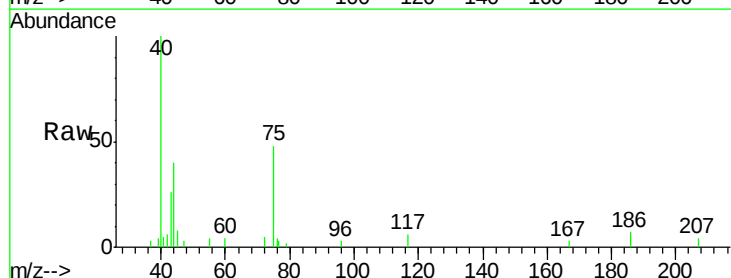


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

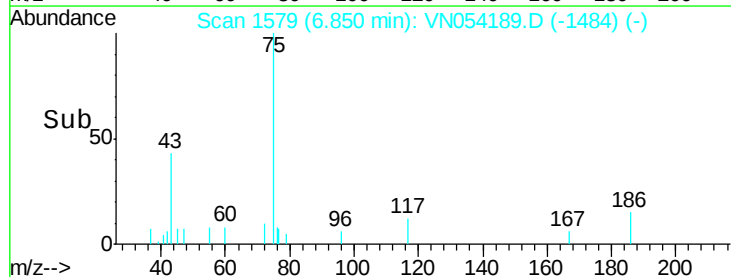
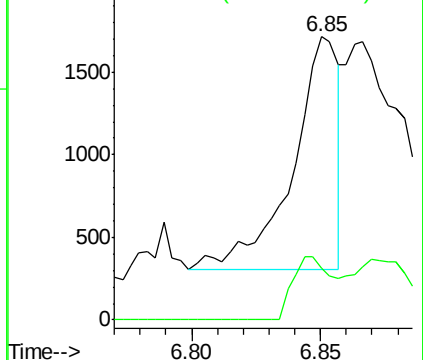


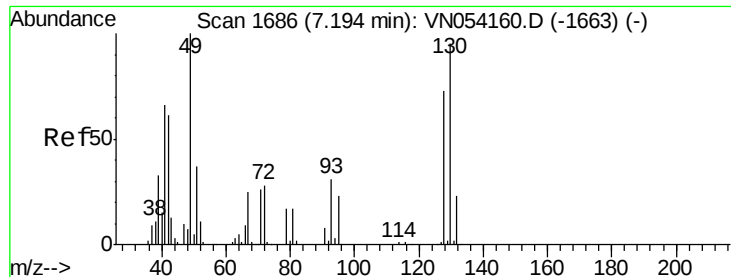
#25
2-Butanone
Concen: 0.343 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

Tgt Ion: 43 Resp: 1760
Ion Ratio Lower Upper
43 100
72 22.2 23.0 34.6#



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





#28

Bromochloromethane

Concen: 0.359 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.18 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

TP-1-S

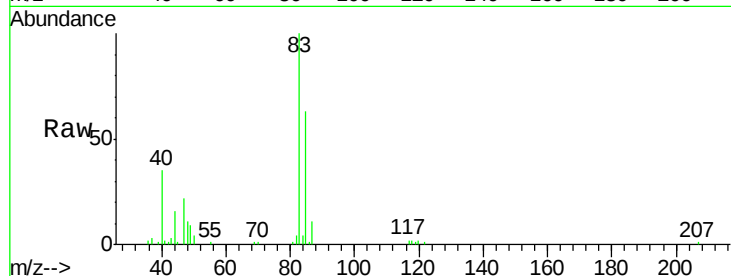
Tot Ion: 49 Resp: 3605

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

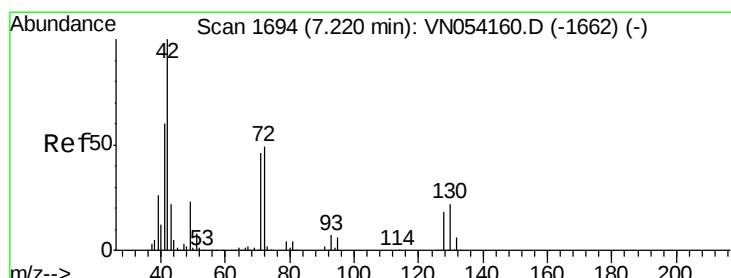
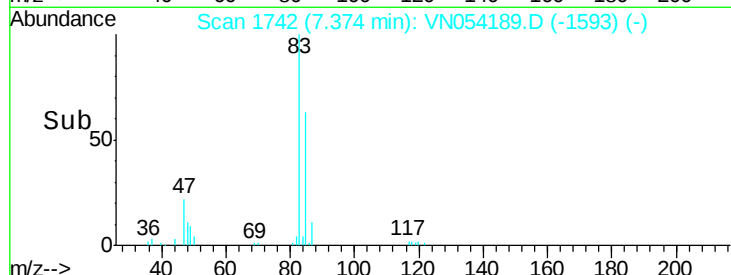
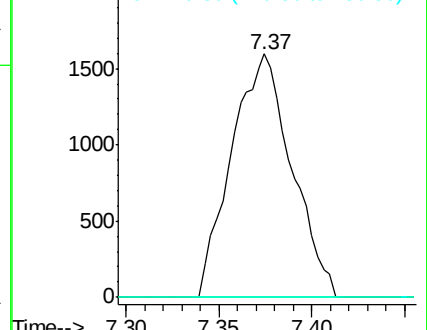
130 0.0 76.7 115.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.651 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

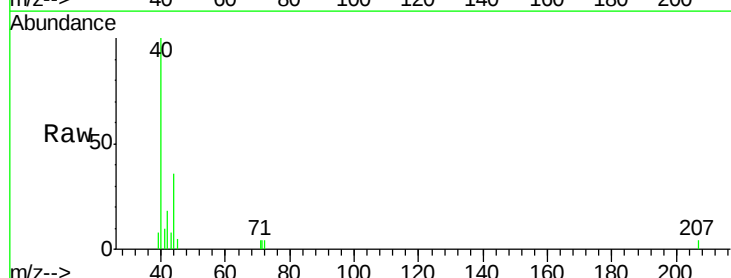
Tgt Ion: 42 Resp: 2148

Ion Ratio Lower Upper

42 100

72 8.6 37.8 56.6#

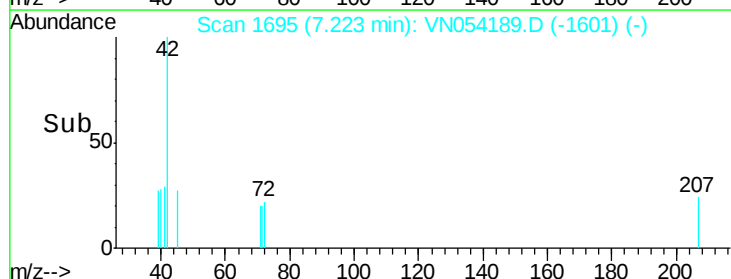
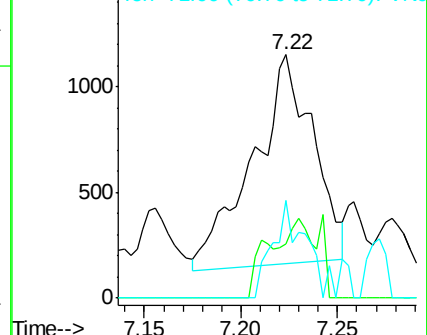
71 24.4 36.2 54.2#

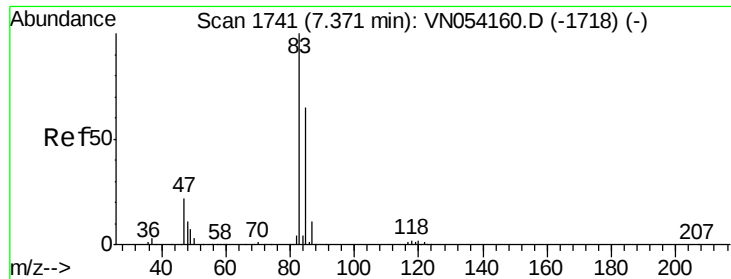


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

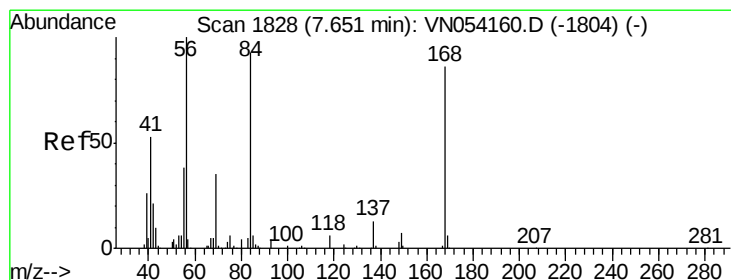
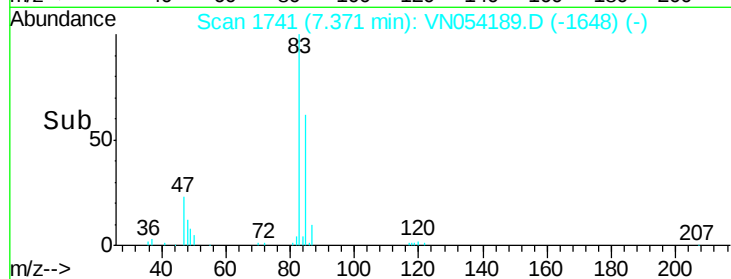
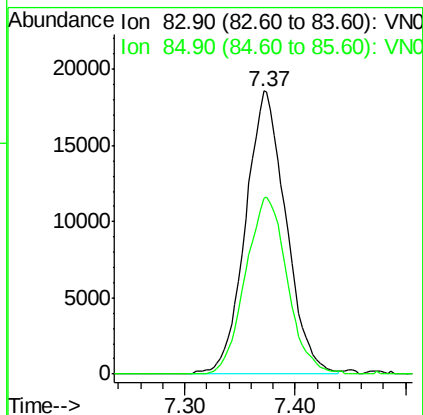
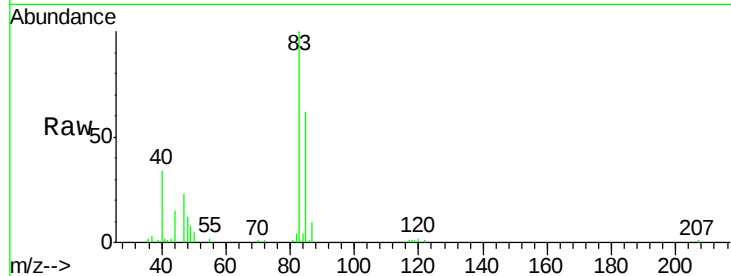




#30
Chloroform
Concen: 1.836 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

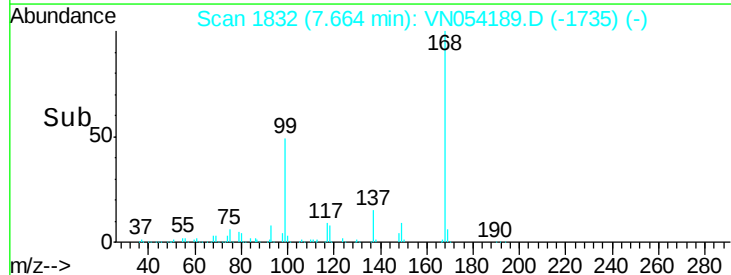
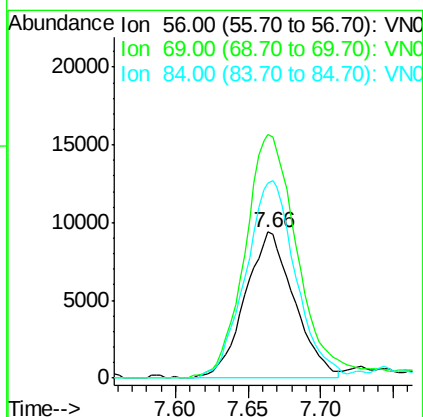
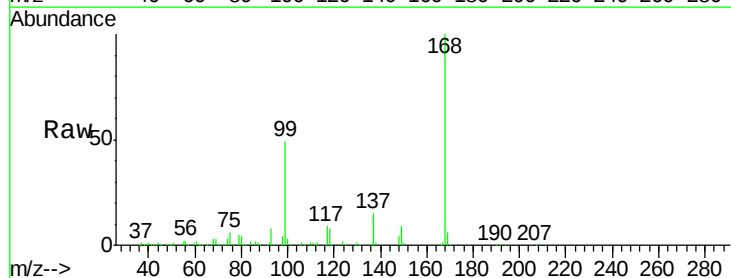
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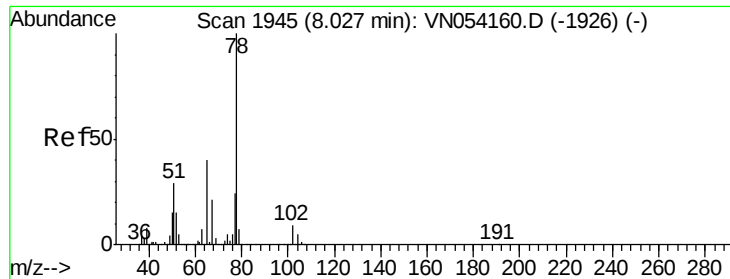
Tot Ion: 83 Resp: 47084
Ion Ratio Lower Upper
83 100
85 62.1 52.2 78.4



#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

Tgt Ion: 56 Resp: 22300
Ion Ratio Lower Upper
56 100
69 166.8 27.8 41.6#
84 133.9 74.6 111.8#

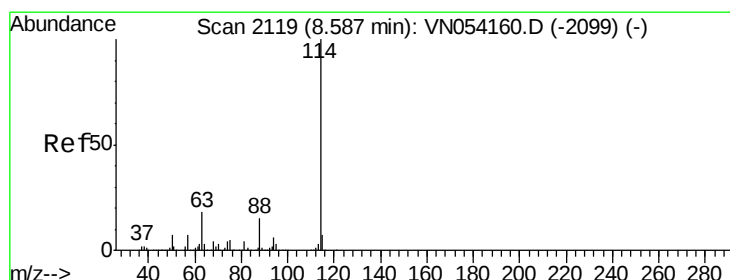
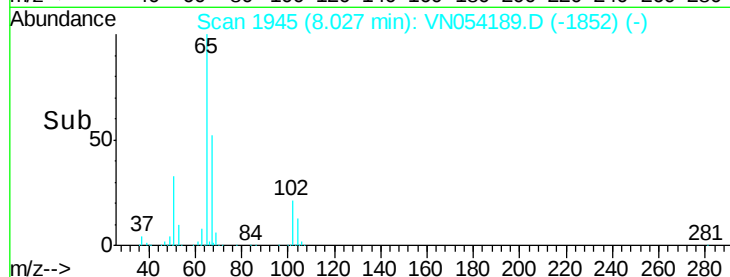
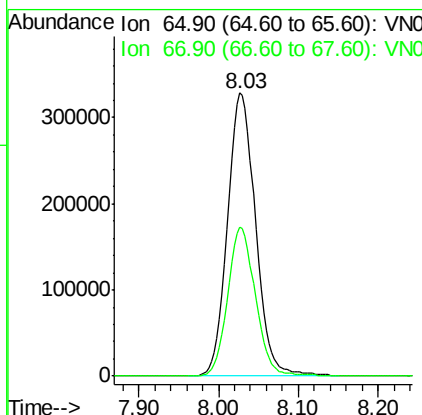
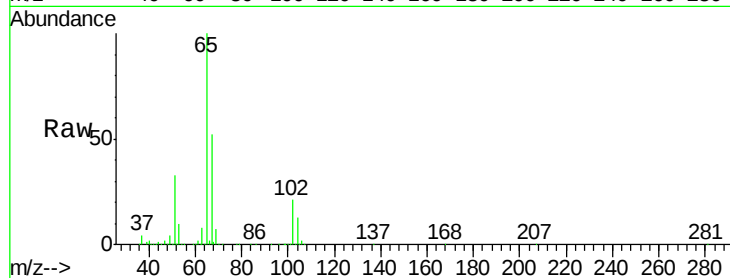




#33
 1,2-Dichloroethane-d4
 Concen: 51.407 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

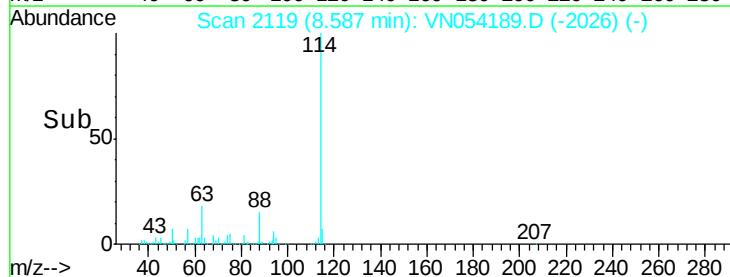
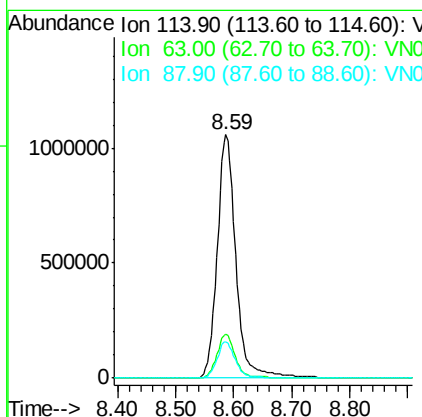
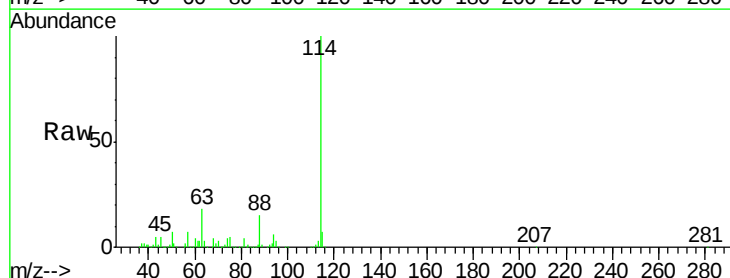
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

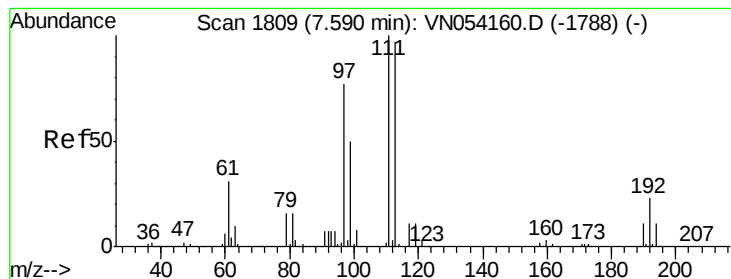
Tot Ion: 65 Resp: 785403
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

Tgt Ion: 114 Resp: 2361784
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 14.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.226 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

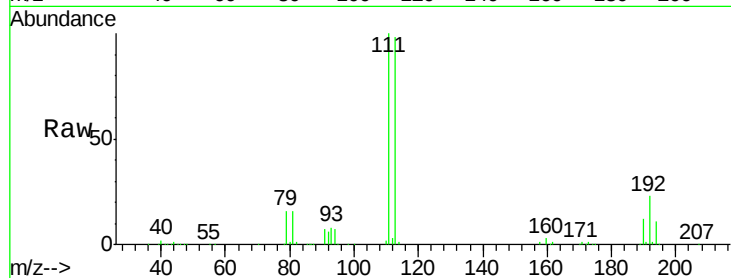
Tot Ion:113 Resp: 734607

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

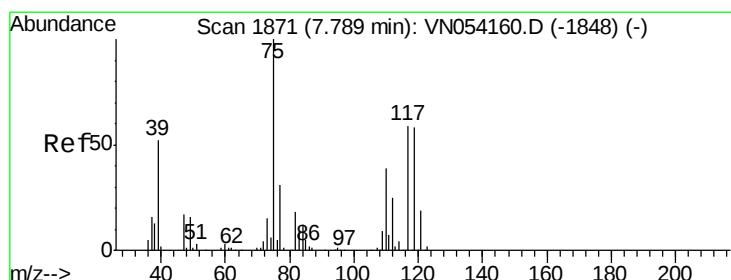
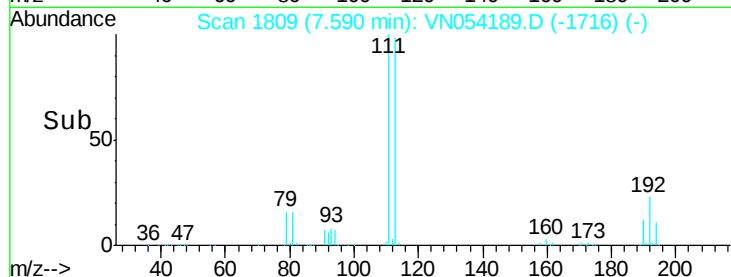
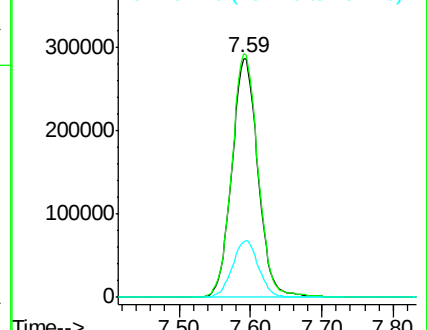
192 23.7 19.2 28.8



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: 3.890 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

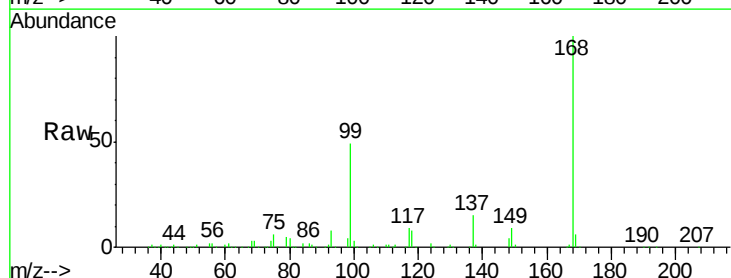
Tgt Ion: 75 Resp: 84614

Ion Ratio Lower Upper

75 100

110 8.0 19.1 57.5#

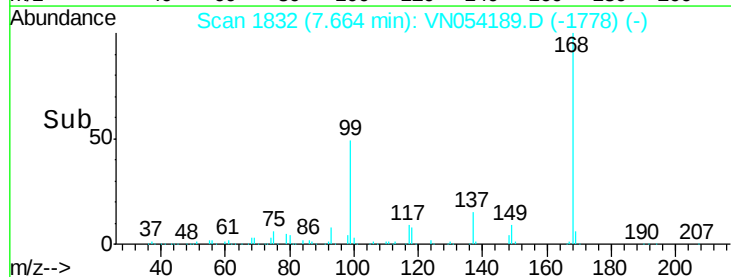
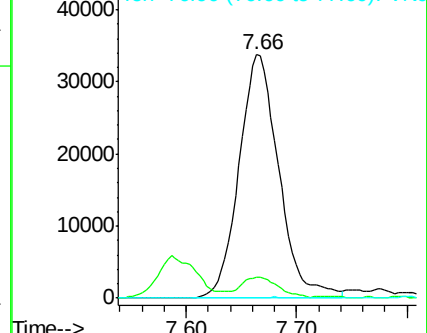
77 0.0 25.0 37.4#

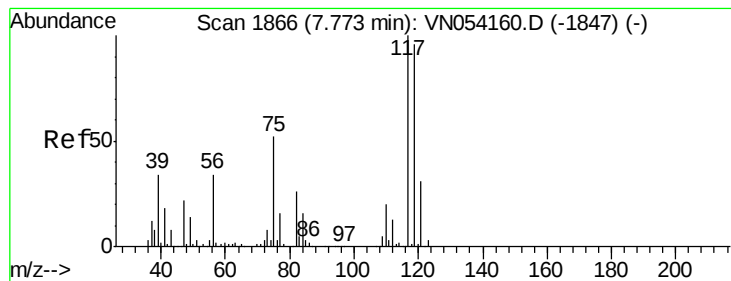


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.019 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

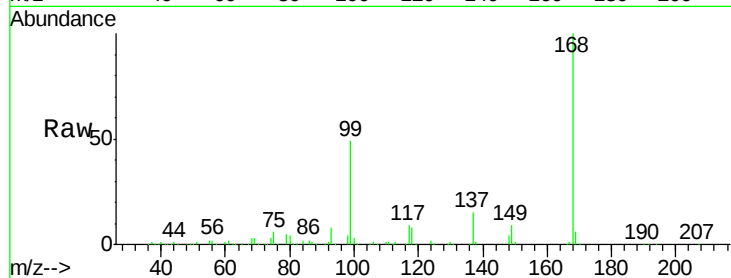
Tot Ion:117 Resp: 114478

Ion Ratio Lower Upper

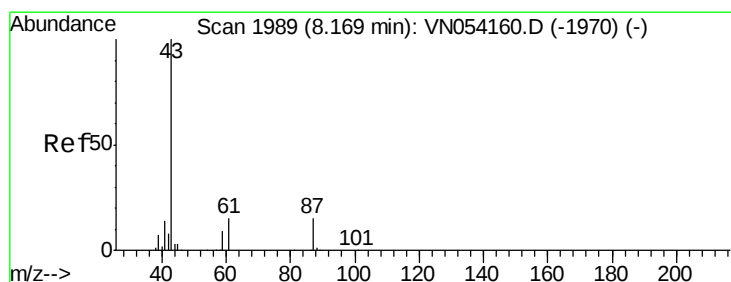
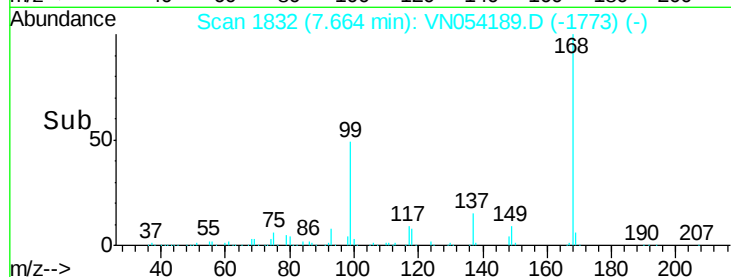
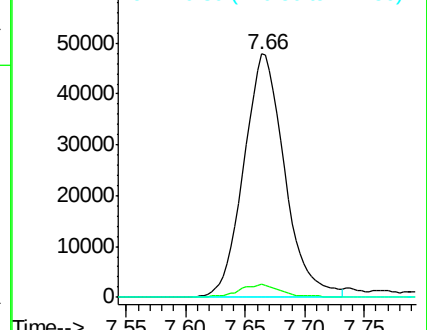
117 100

119 5.5 76.3 114.5#

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: 1.951 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

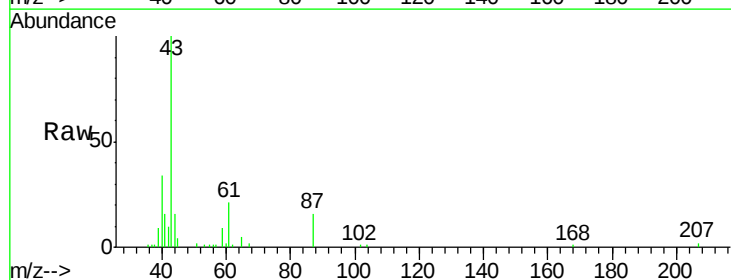
Tgt Ion: 43 Resp: 42789

Ion Ratio Lower Upper

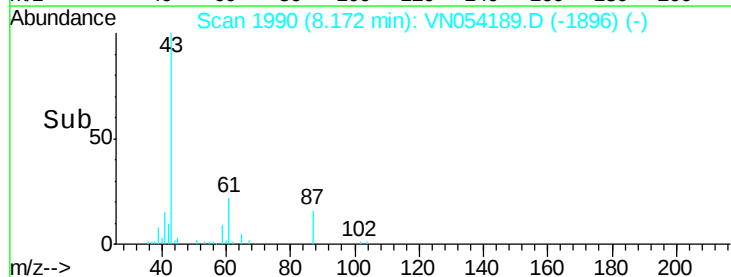
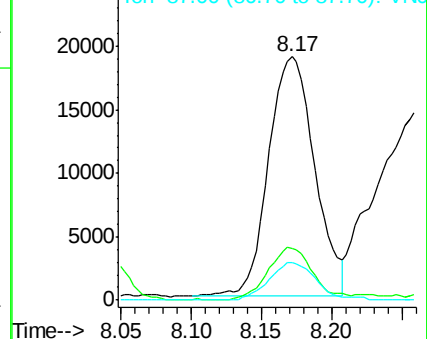
43 100

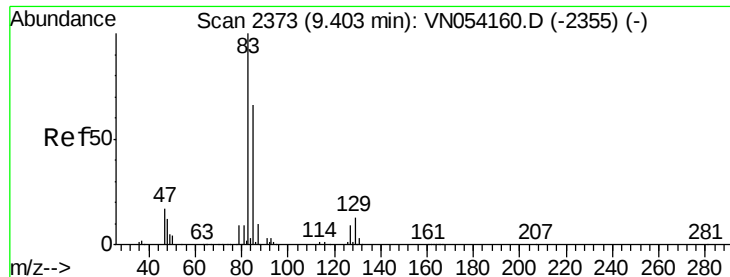
61 21.7 15.8 23.8

87 16.1 12.0 18.0



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





#47

Bromodichloromethane

Concen: 0.818 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

TP-1-S

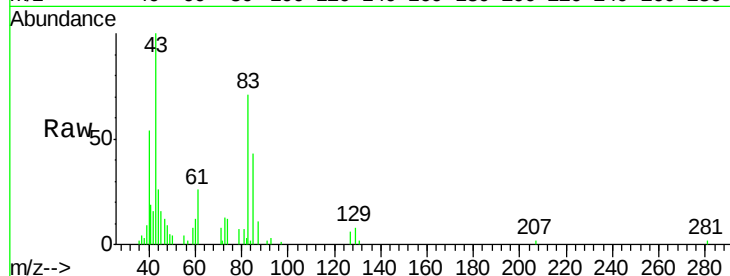
Tot Ion: 83 Resp: 17127

Ion Ratio Lower Upper

83 100

85 60.5 52.8 79.2

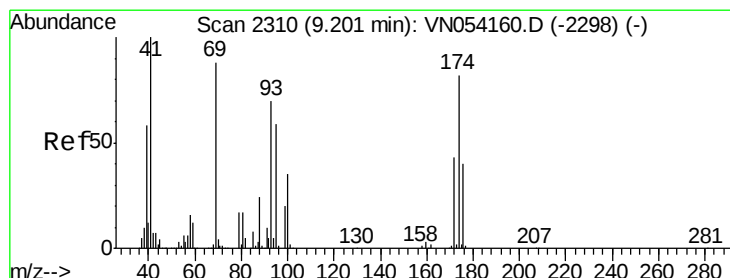
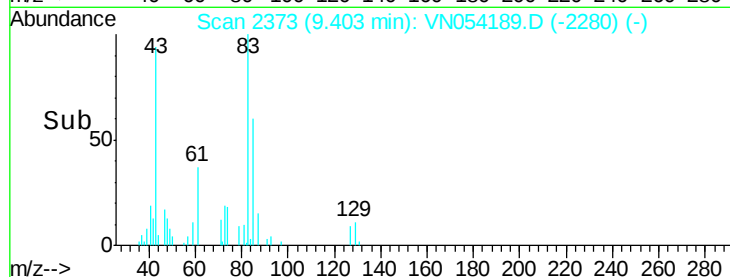
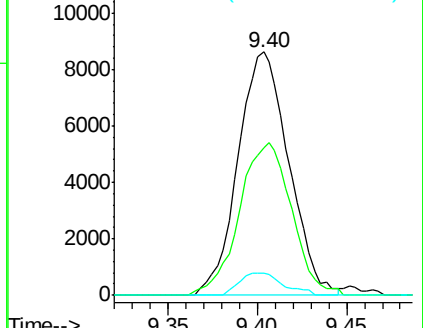
127 8.9 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054189.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054189.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054189.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.450 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

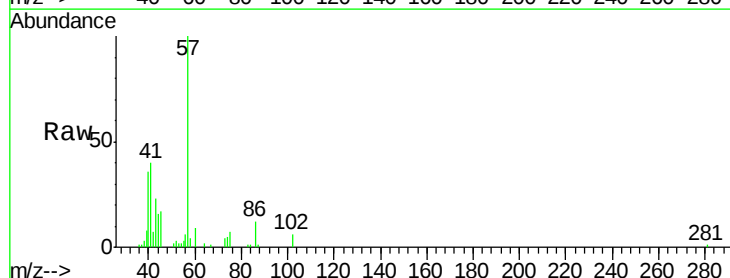
Tgt Ion: 41 Resp: 16141

Ion Ratio Lower Upper

41 100

69 0.0 72.6 108.8#

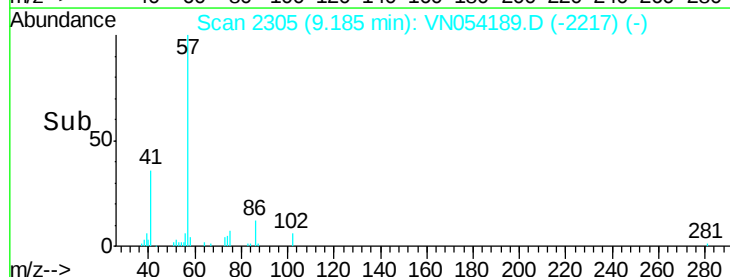
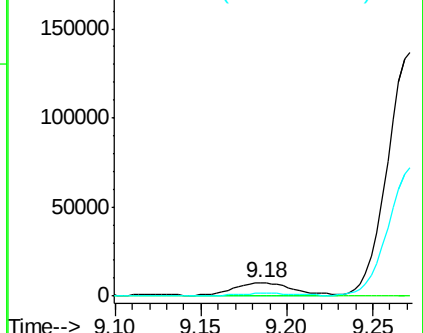
39 0.0 47.5 71.3#

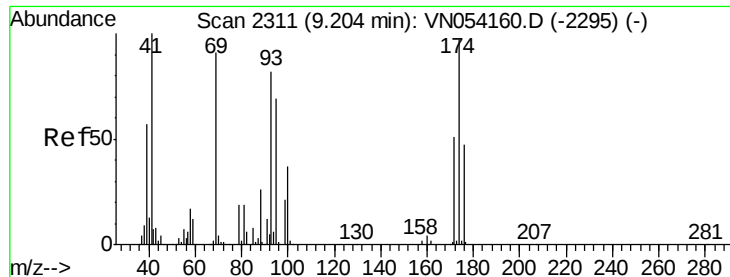


Abundance Ion 41.00 (40.70 to 41.70): VN054189.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054189.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054189.D (-2217) (-)





#49

1,4-Dioxane

Concen: 0.387 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

TP-1-S

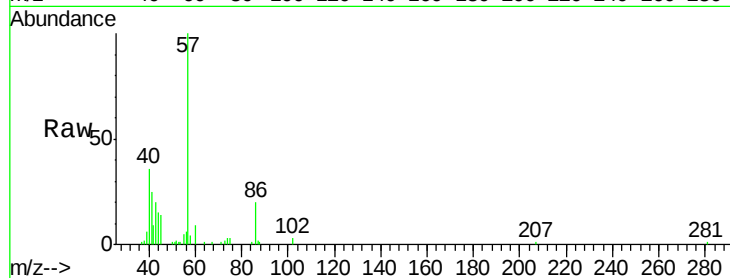
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

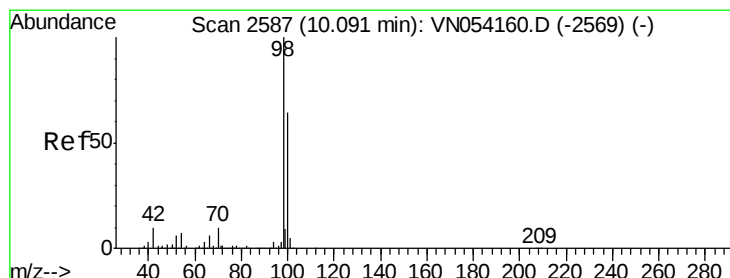
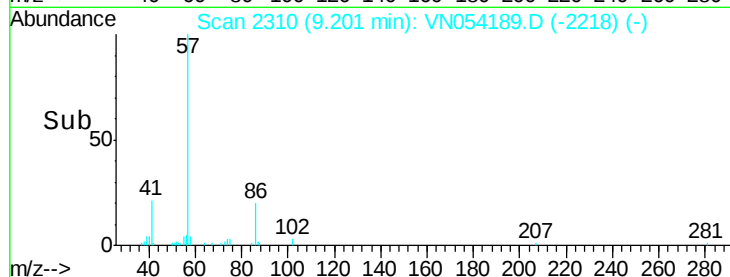
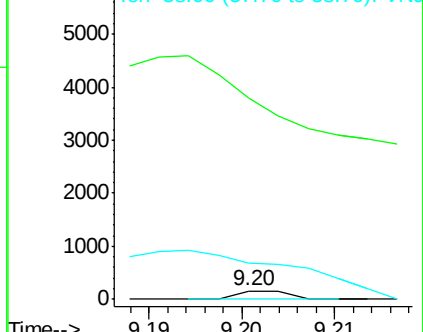
58 3198.4 50.8 76.2#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 51.896 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054189.D

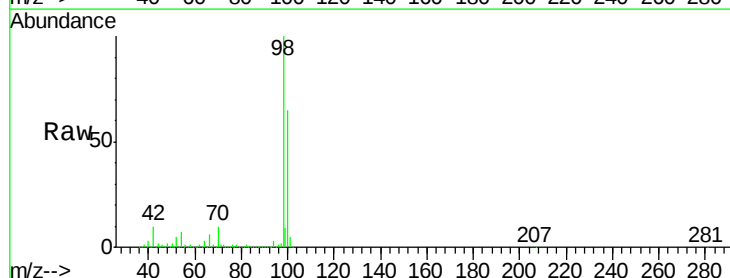
Acq: 13 Mar 2019 3:28

Tgt Ion: 98 Resp: 2919455

Ion Ratio Lower Upper

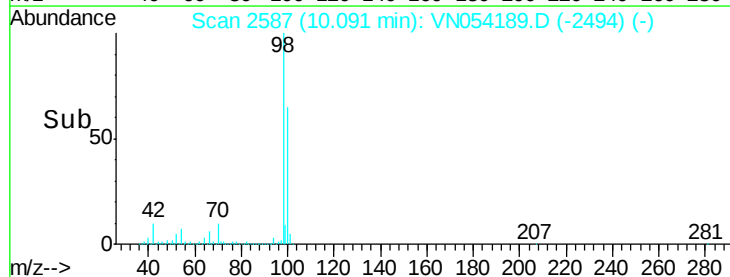
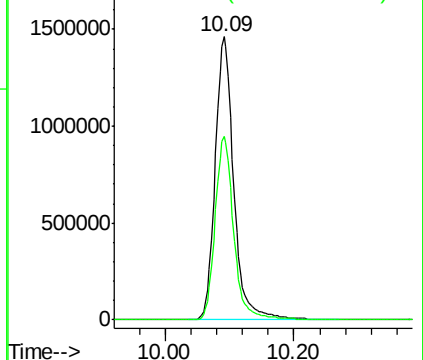
98 100

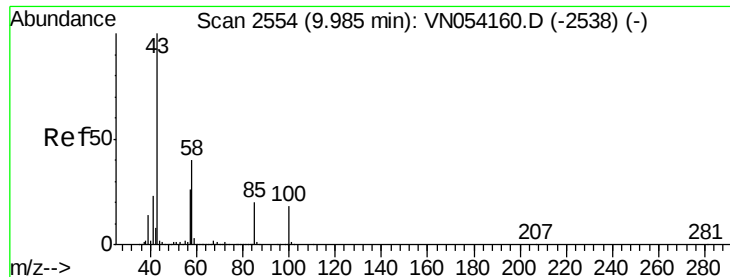
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

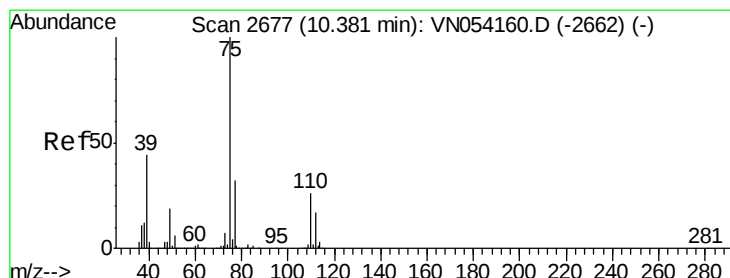
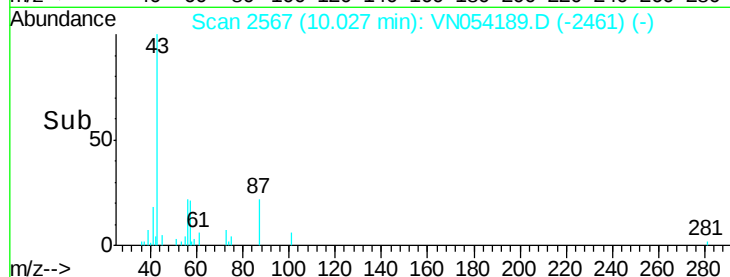
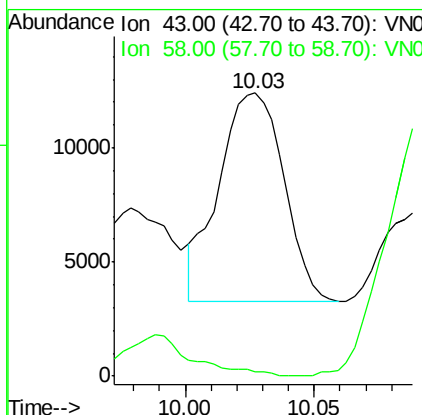
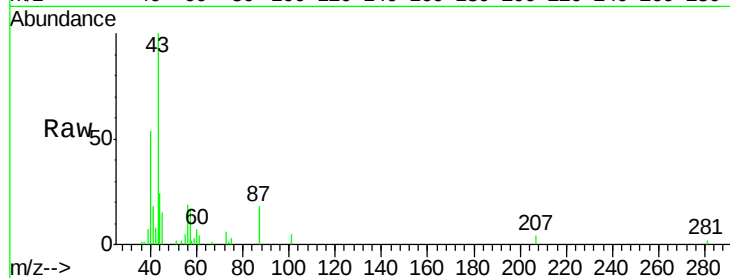




#51
 4-Methyl-2-Pentanone
 Concen: 1.381 ug/l
 RT: 10.03 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

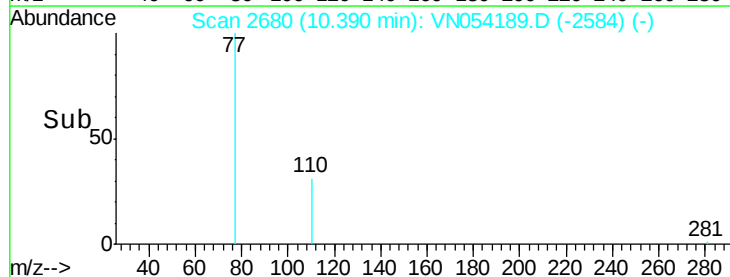
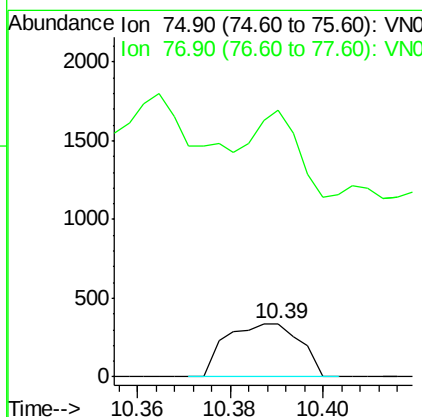
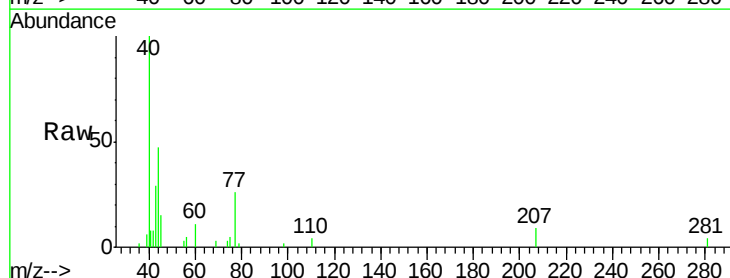
Instrument :
 MSVOA_N
 ClientSampled :
 TP-1-S

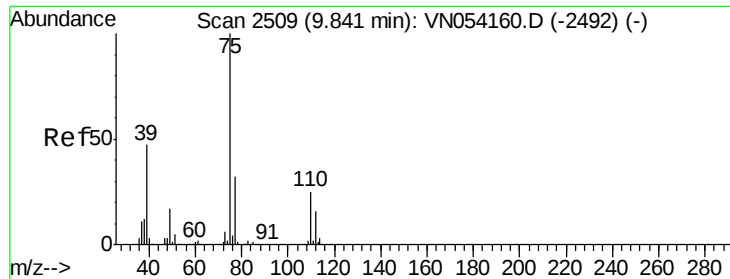
Tot Ion: 43 Resp: 16029
 Ion Ratio Lower Upper
 43 100
 58 0.0 31.8 47.6#



#53
 t-1,3-Dichloropropene
 Concen: 2.001 ug/l
 RT: 10.39 min Scan# 2680
 Delta R.T. 0.01 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

Tgt Ion: 75 Resp: 374
 Ion Ratio Lower Upper
 75 100
 77 157.7 25.8 38.8#



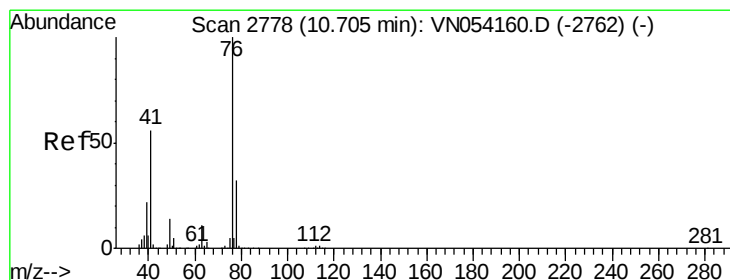
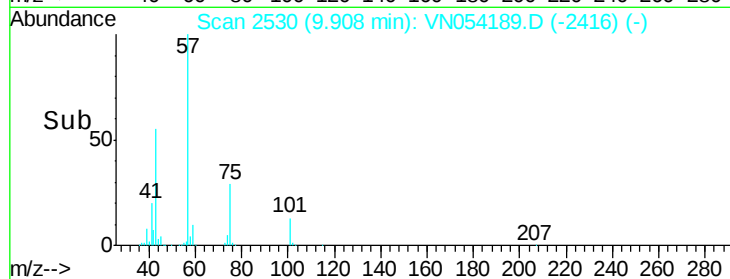
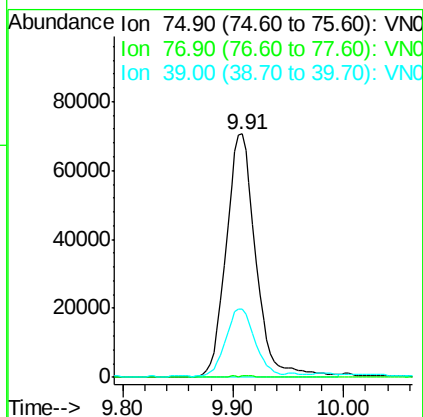
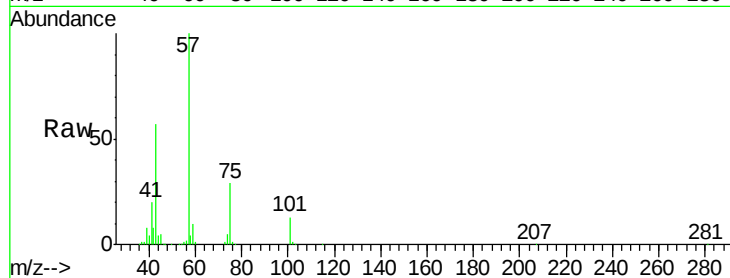


#54

cis-1,3-Dichloropropene
 Concen: 5.415 ug/l
 RT: 9.91 min Scan# 2530
 Delta R.T. 0.07 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1-S

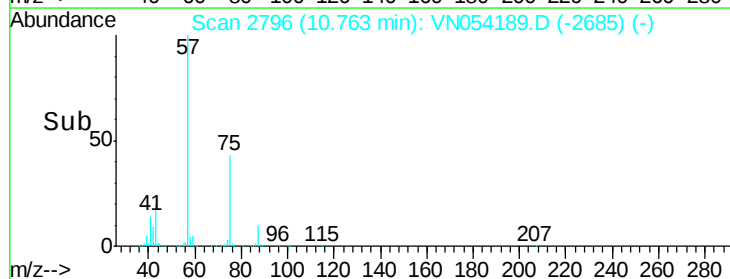
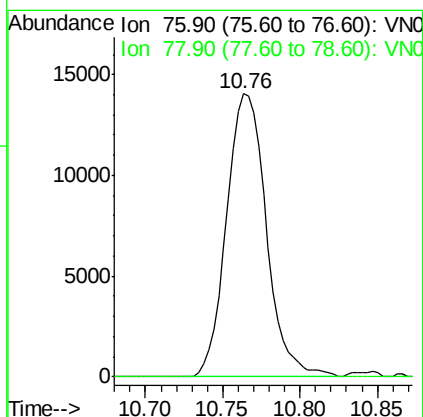
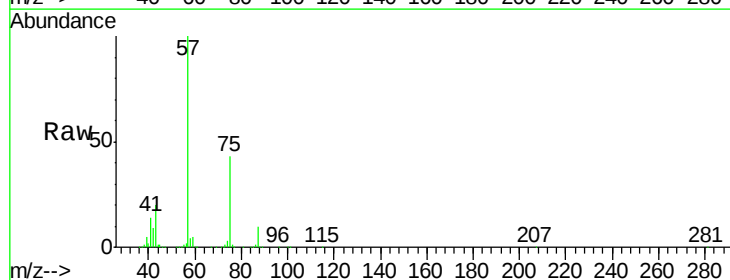
Tot Ion: 75 Resp: 132106
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.4 38.0#
 39 27.4 37.2 55.8#

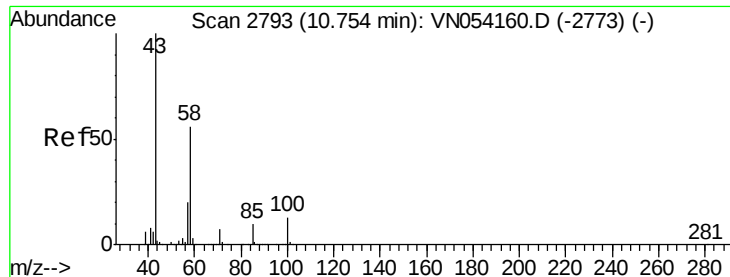


#57

1,3-Dichloropropane
 Concen: 1.064 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054189.D
 Acq: 13 Mar 2019 3:28

Tgt Ion: 76 Resp: 25080
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

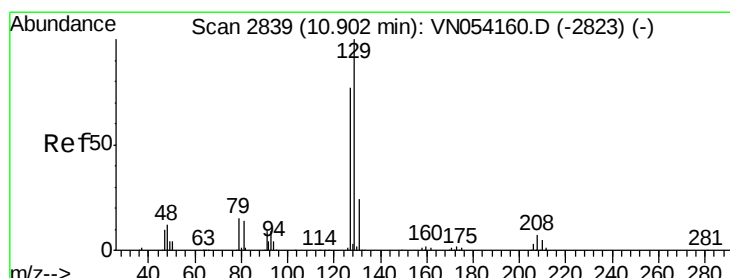
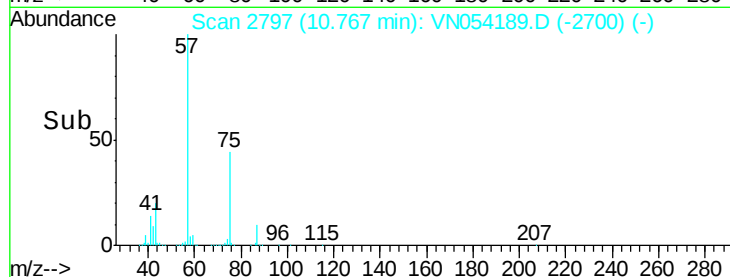
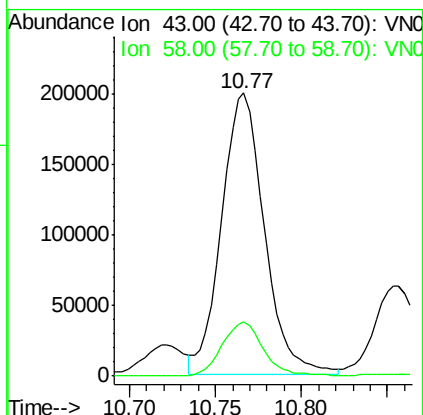
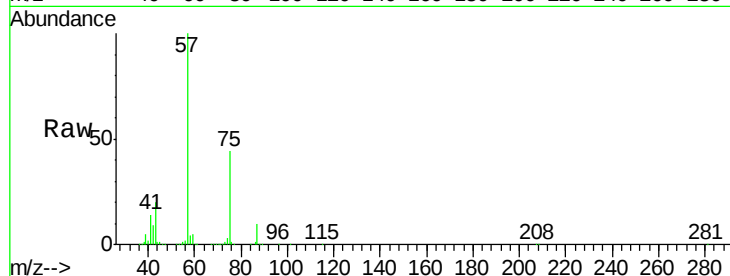




#59
2-Hexanone
Concen: 44.545 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

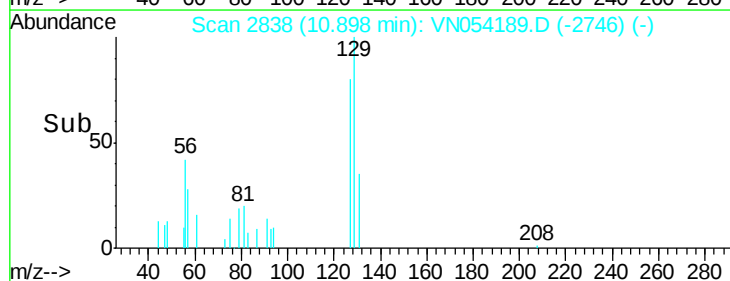
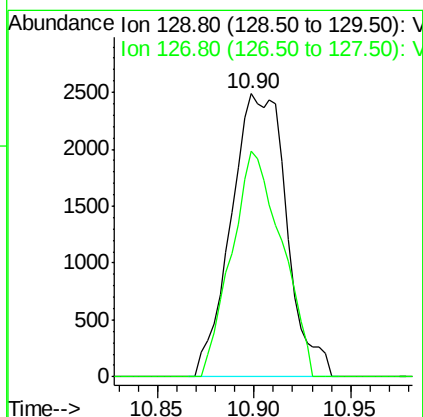
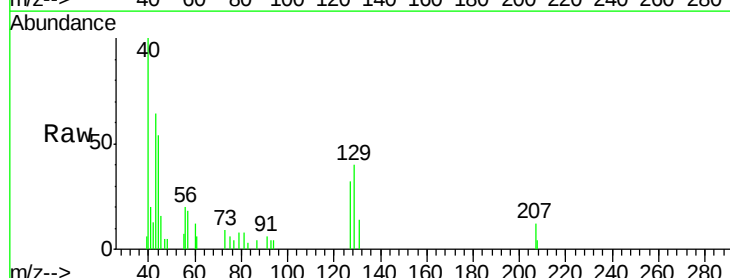
Instrument :
MSVOA_N
ClientSampled :
TP-1-S

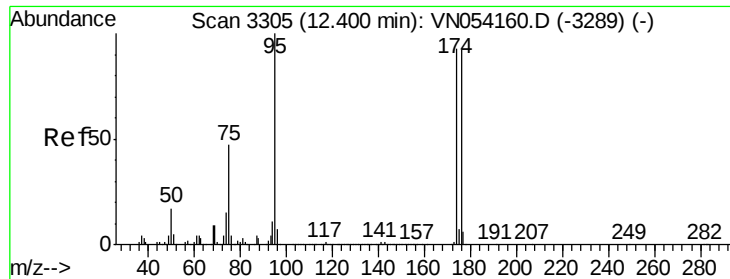
Tot Ion: 43 Resp: 344089
Ion Ratio Lower Upper
43 100
58 19.0 28.0 83.9#



#60
Dibromochloromethane
Concen: 0.306 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

Tgt Ion: 129 Resp: 4962
Ion Ratio Lower Upper
129 100
127 72.1 38.6 115.8





#62

4-Bromofluorobenzene

Concen: 59.186 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

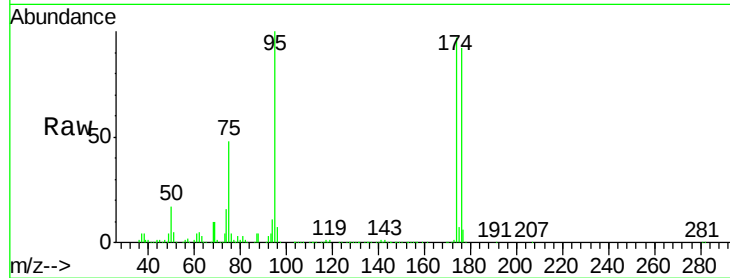
MSVOA_N

ClientSampleId :

TP-1-S

Tot Ion: 95 Resp: 1165020

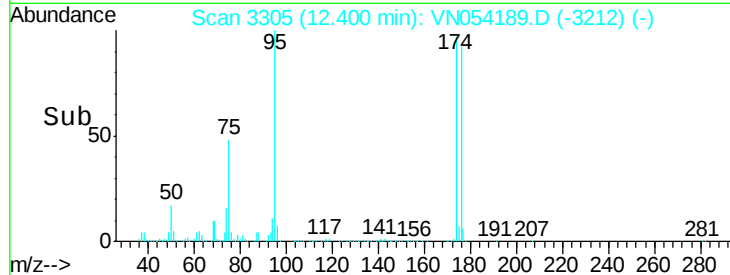
Ion	Ratio	Lower	Upper
95	100		
174	97.5	0.0	191.0
176	94.0	0.0	187.4



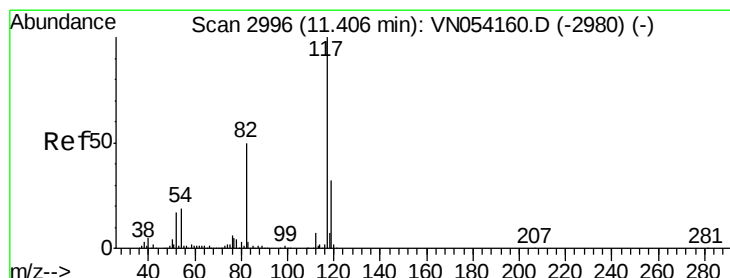
Abundance Ion 94.90 (94.60 to 95.60): VN054189.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054189.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054189.D (-3212) (-)



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

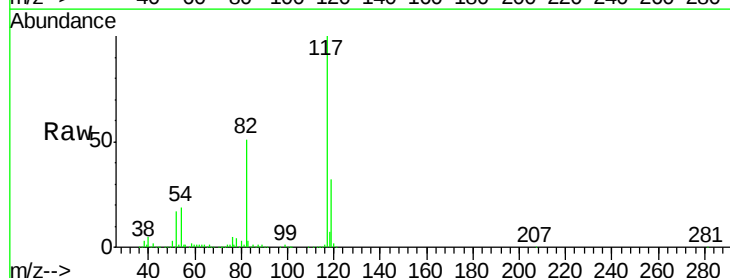
Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Tgt Ion: 117 Resp: 2496083

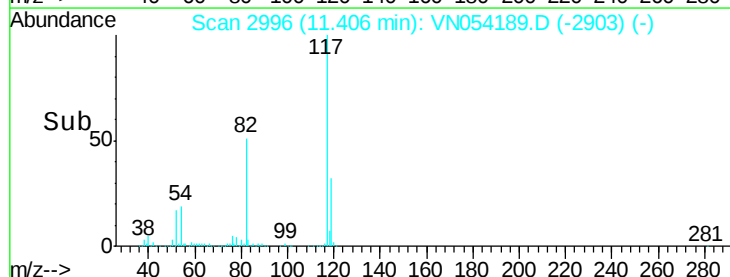
Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.0	60.0
119	32.3	25.8	38.6



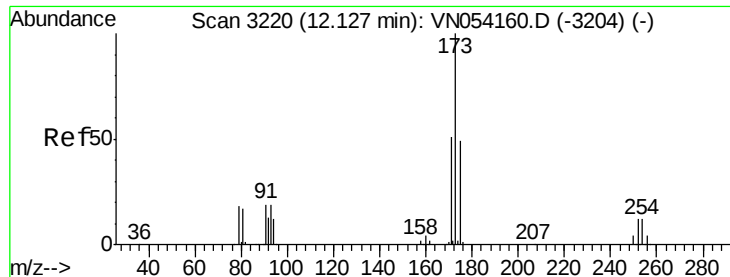
Abundance Ion 116.90 (116.60 to 117.60): VN054189.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054189.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054189.D (-2903) (-)



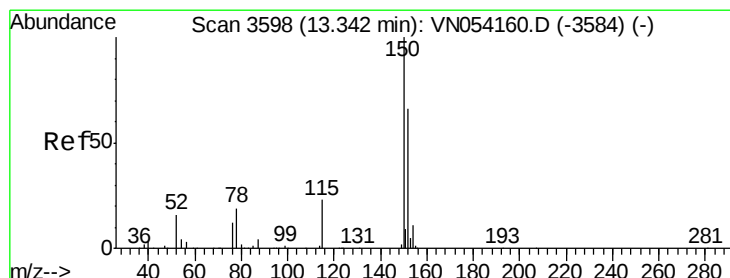
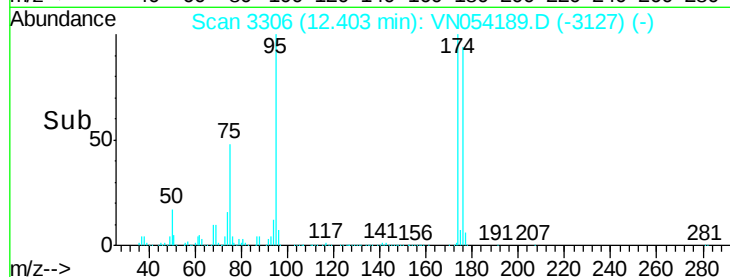
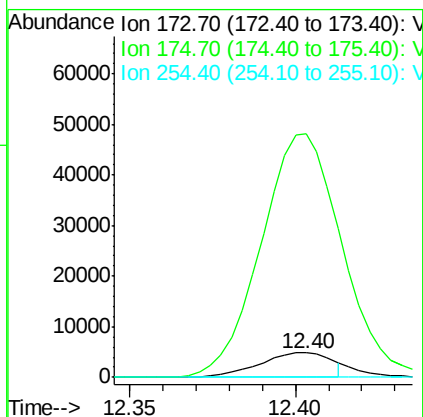
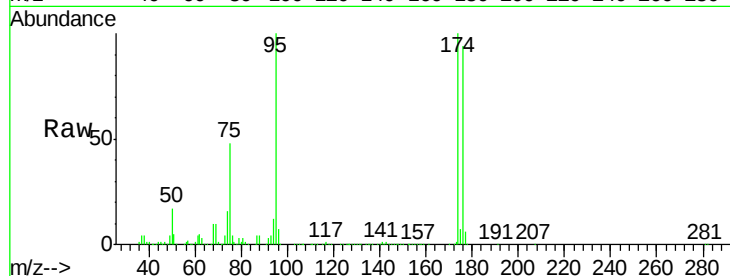
Time-->



#71
Bromoform
Concen: 2.807 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

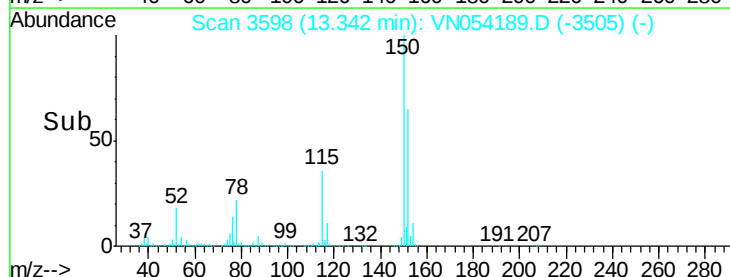
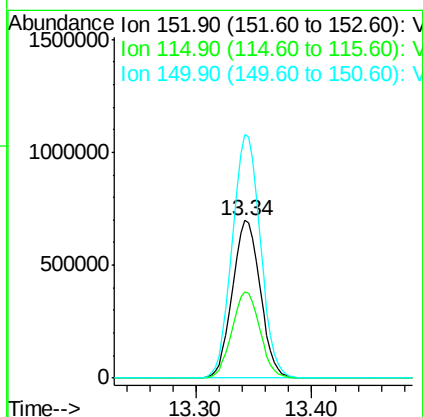
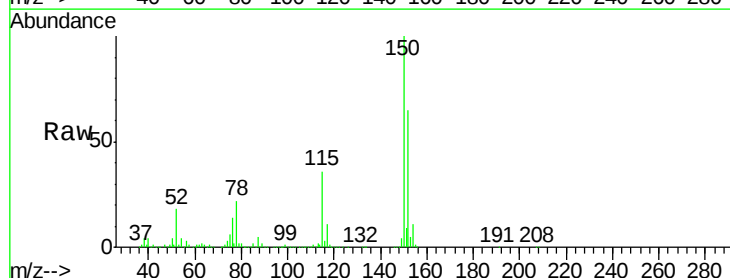
Instrument :
MSVOA_N
ClientSampleId :
TP-1-S

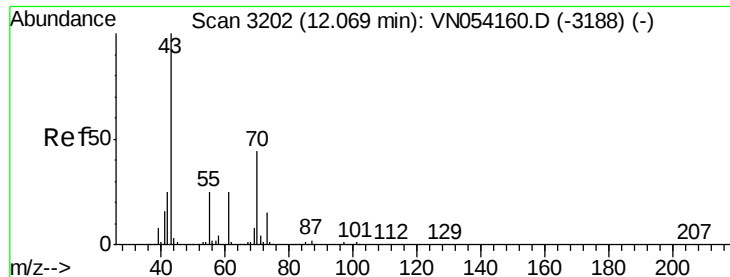
Tot Ion:173 Resp: 7273
Ion Ratio Lower Upper
173 100
175 971.9 24.4 73.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054189.D
Acq: 13 Mar 2019 3:28

Tgt Ion:152 Resp: 1155855
Ion Ratio Lower Upper
152 100
115 54.7 27.2 81.6
150 156.0 0.0 349.2





#74

N-amvl acetate

Concen: 1.730 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

TP-1-S

Tot Ion: 43 Resp: 35516

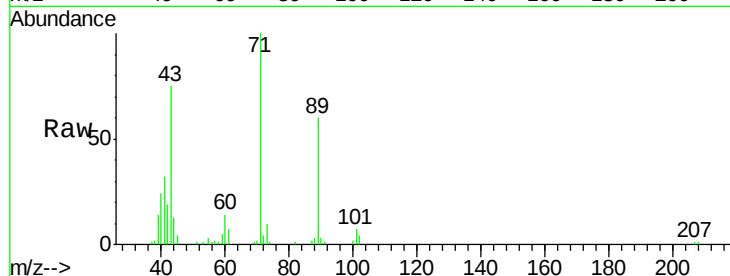
Ion Ratio Lower Upper

43 100

70 1.4 35.4 53.0#

55 5.4 19.8 29.6#

61 11.1 19.8 29.6#

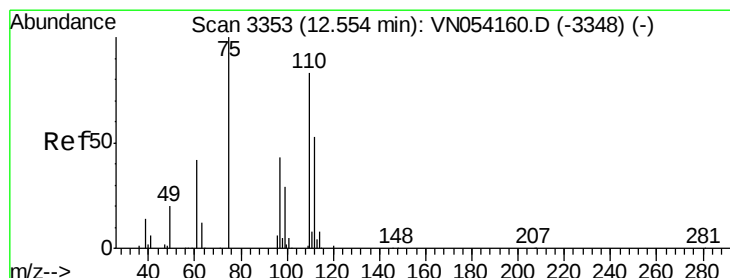
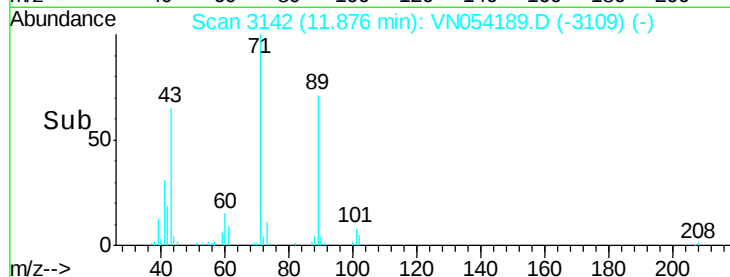
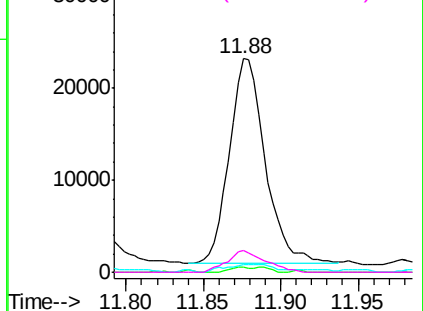


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 33.161 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN054189.D

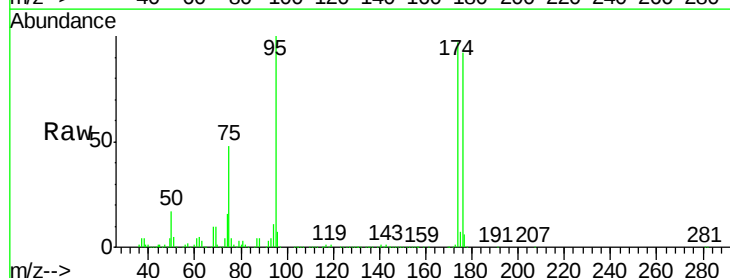
Acq: 13 Mar 2019 3:28

Tgt Ion: 75 Resp: 563649

Ion Ratio Lower Upper

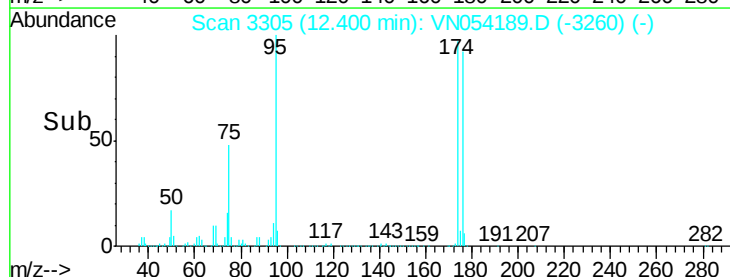
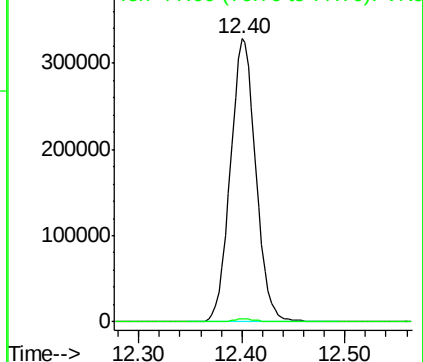
75 100

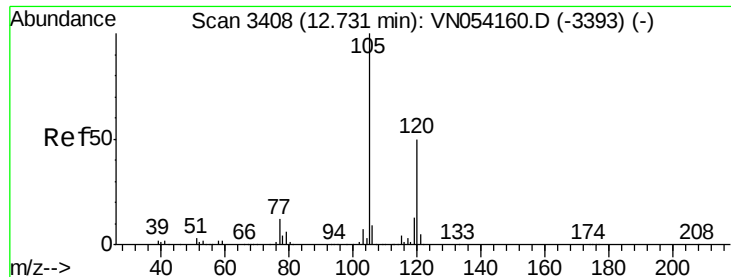
77 1.1 0.0 0.0#



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: 0.201 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

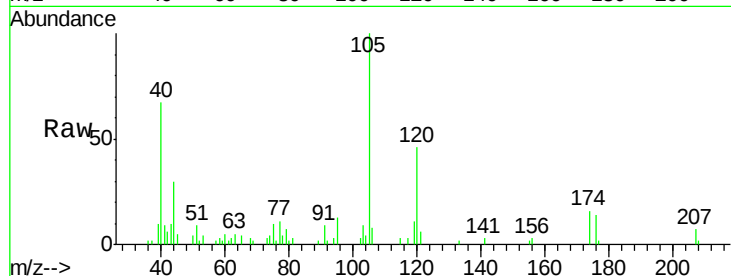
TP-1-S

Tot Ion:105 Resp: 15442

Ion Ratio Lower Upper

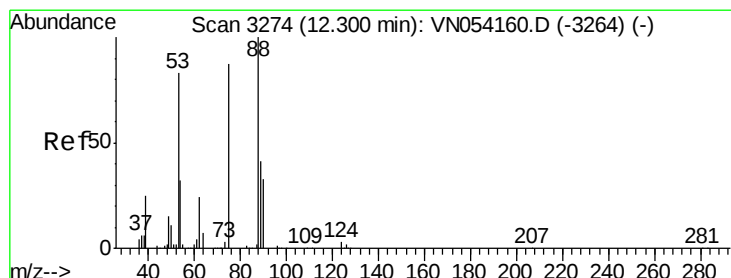
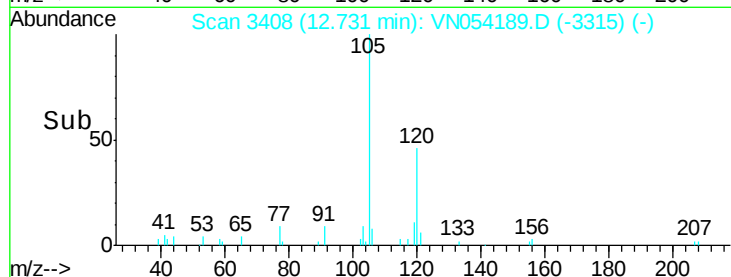
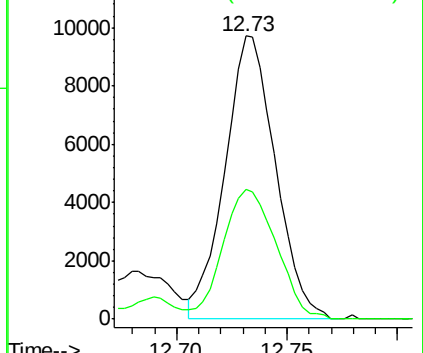
105 100

120 48.3 25.0 75.0



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: 113.359 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

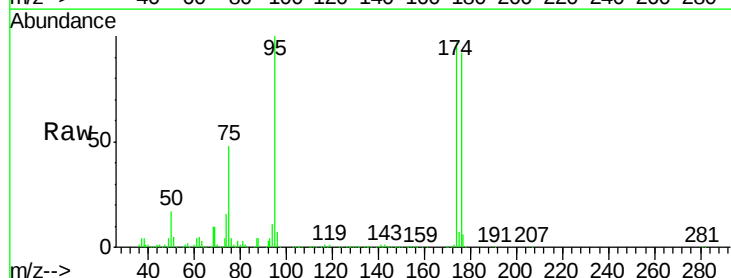
Tgt Ion: 75 Resp: 563649

Ion Ratio Lower Upper

75 100

53 0.0 76.2 114.2#

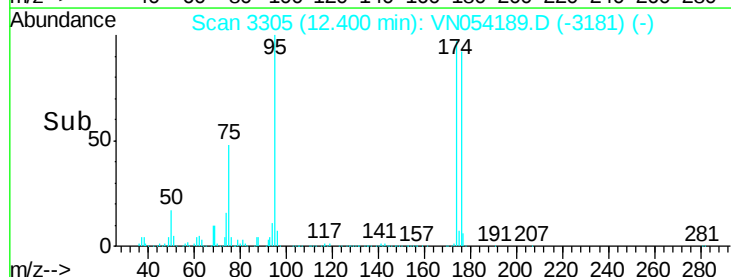
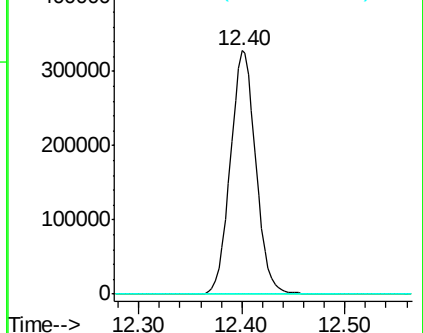
89 0.0 39.2 58.8#

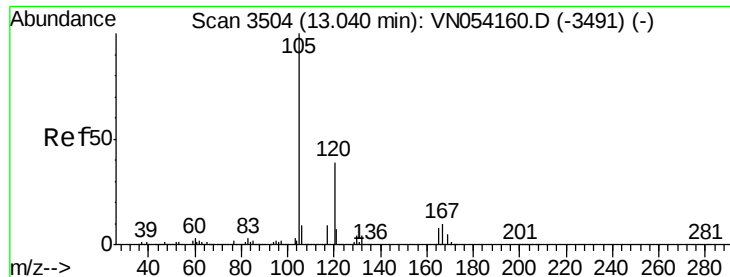


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 0.228 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampled :

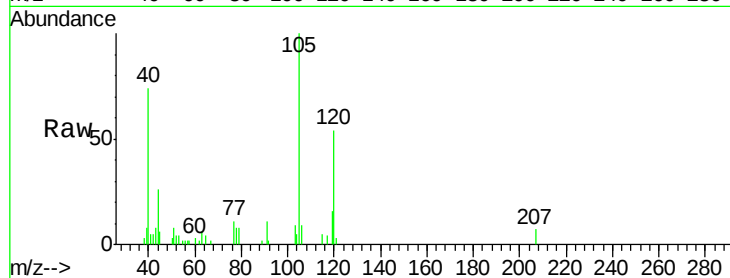
TP-1-S

Tot Ion:105 Resp: 17221

Ion Ratio Lower Upper

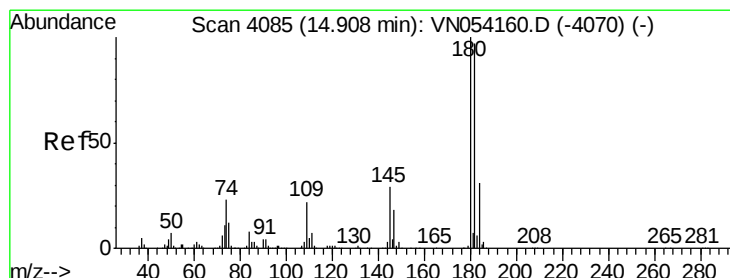
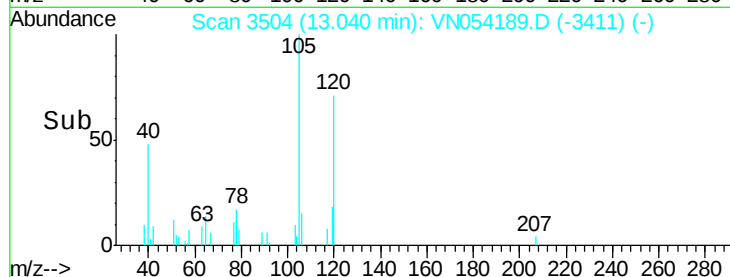
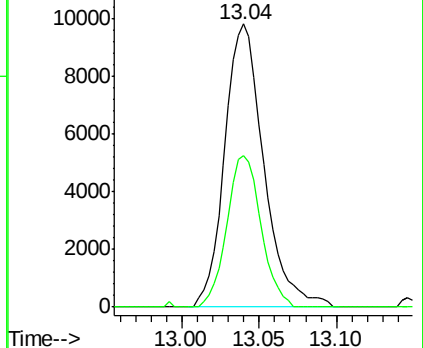
105 100

120 46.6 23.4 70.3



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: 2.578 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

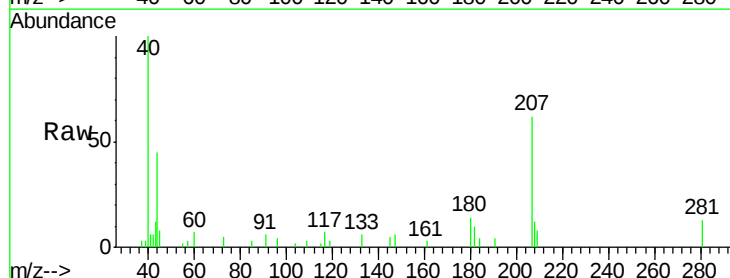
Tgt Ion:180 Resp: 1577

Ion Ratio Lower Upper

180 100

182 76.8 48.0 144.2

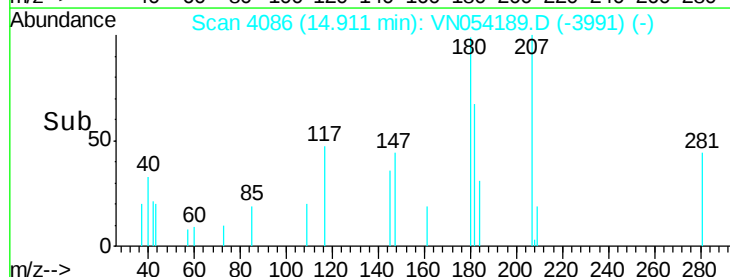
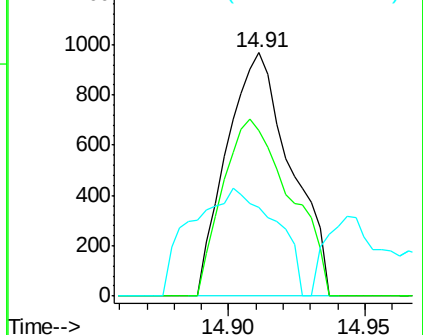
145 58.4 14.2 42.8#

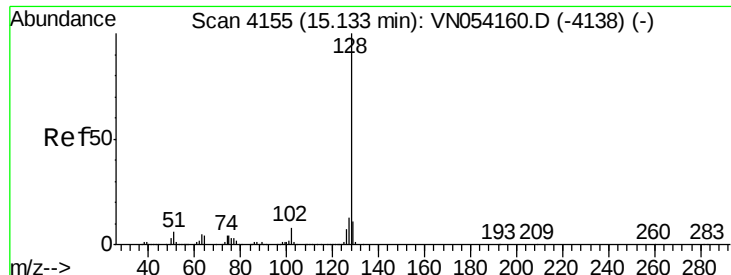


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.719 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054189.D

Acq: 13 Mar 2019 3:28

Instrument :

MSVOA_N

ClientSampleId :

TP-1-S

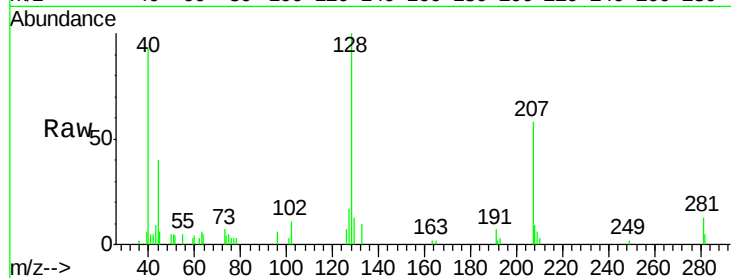
Tot Ion:128 Resp: 13600

Ion Ratio Lower Upper

128 100

127 15.0 10.1 15.1

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

