

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055396.D
 Acq On : 3 May 2019 17:52
 Operator : JC/SP
 Sample : K2668-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: May 03 23:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	462632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	791738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	721954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	224557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	314821	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	249901	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
50) Toluene-d8	10.09	98	971136	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.40	95	321464	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

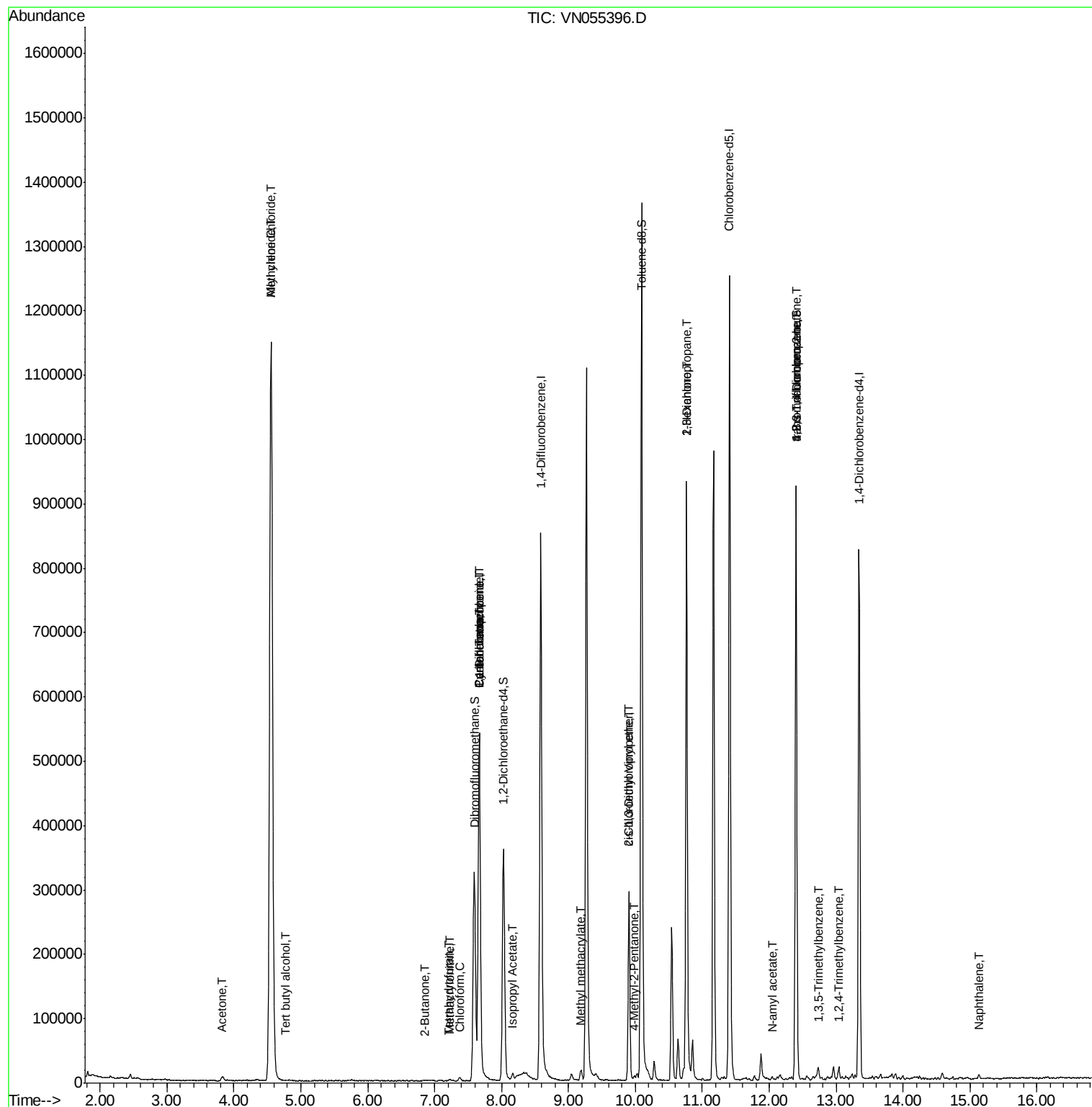
						Qvalue
11) Tert butyl alcohol	4.78	59	108	0.312	ug/l #	73
14) Allyl chloride	4.55	41	39617	4.186	ug/l #	26
16) Acetone	3.82	43	11960	6.342	ug/l	98
18) Methyl Acetate	4.33	43	986	Below Cal	#	91
20) Methylene Chloride	4.55	84	821292	142.682	ug/l	99
25) 2-Butanone	6.85	43	695	0.288	ug/l #	53
29) Tetrahydrofuran	7.20	42	571	0.370	ug/l #	40
30) Chloroform	7.37	83	5102	0.537	ug/l	92
31) Cyclohexane	7.67	56	10003	1.051	ug/l #	3
36) 1,1-Dichloropropene	7.67	75	35375	4.665	ug/l #	44
38) Carbon Tetrachloride	7.67	117	43567	5.955	ug/l #	16
41) Methacrylonitrile	7.22	41	867	1.011	ug/l #	48
43) Isopropyl Acetate	8.17	43	12890	1.380	ug/l #	89
48) Methyl methacrylate	9.18	41	6801	1.481	ug/l #	18
51) 4-Methyl-2-Pentanone	9.99	43	4655	0.885	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	48287	5.900	ug/l #	66
57) 1,3-Dichloropropane	10.76	76	9045	1.082	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.90	63	258	12.540	ug/l #	52
59) 2-Hexanone	10.76	43	151301	45.982	ug/l #	54
73) Isopropylbenzene	12.25	105	498	Below Cal		97
74) N-amyl acetate	12.04	43	1569	0.272	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.52	83	66	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	164492	38.848	ug/l #	100
79) 2-Chlorotoluene	12.67	91	1085	Below Cal	#	59
80) 1,3,5-Trimethylbenzene	12.73	105	6539	0.371	ug/l	89
81) trans-1,4-Dichloro-2-buten	12.40	75	164492	138.817	ug/l #	7
83) tert-Butylbenzene	12.99	119	101	Below Cal	#	51
84) 1,2,4-Trimethylbenzene	13.04	105	10685	0.679	ug/l	99
90) Hexachloroethane	13.88	117	459	Below Cal	#	7
95) Naphthalene	15.13	128	6404	4.286	ug/l	96

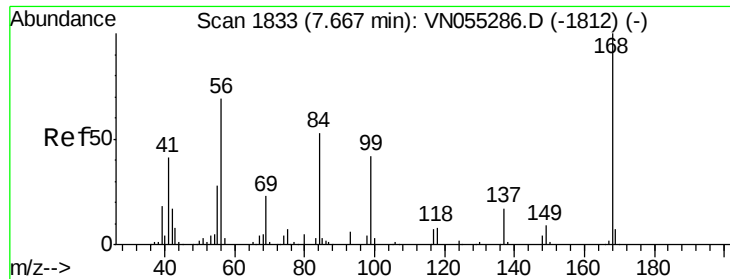
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

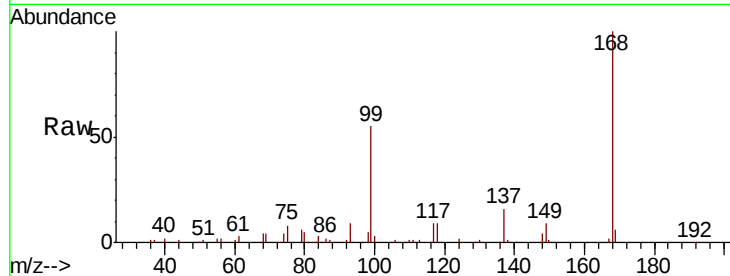
Instrument :
MSVOA_N
ClientSampled :
TP-1

Tot Ion:168 Resp: 462632

Ion Ratio Lower Upper

168 100

99 55.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

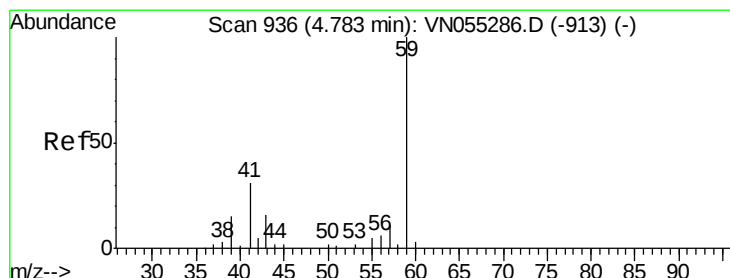
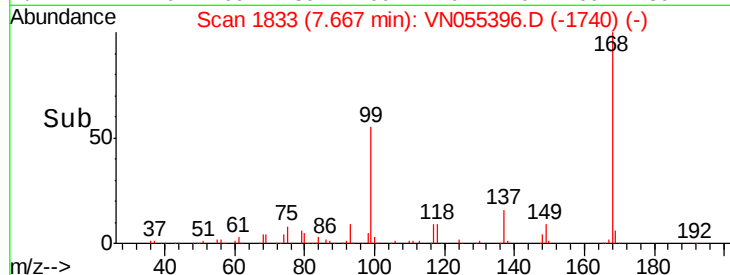
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.312 ug/l

RT: 4.78 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN055396.D

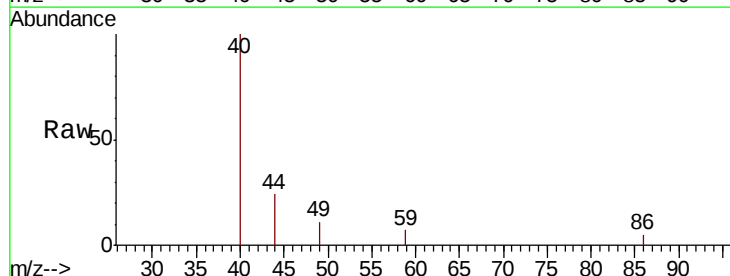
Acq: 3 May 2019 17:52

Tgt Ion: 59 Resp: 108

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

250

200

150

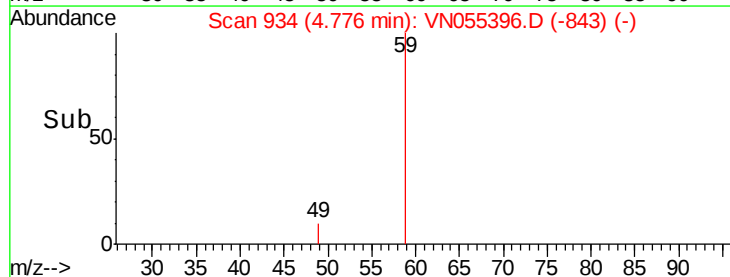
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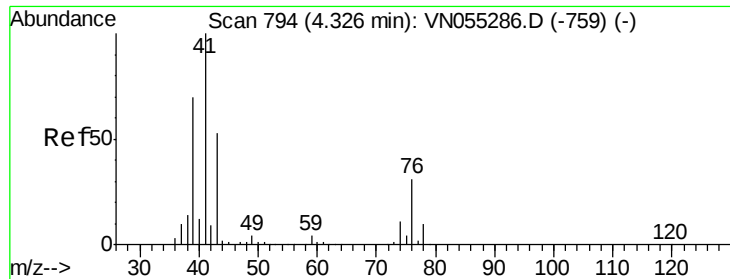
50

0

4.76 4.77 4.78 4.79

Time-->

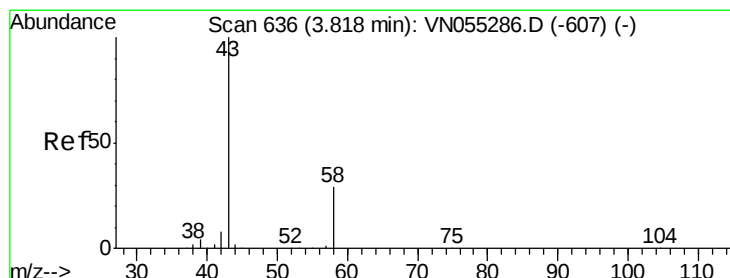
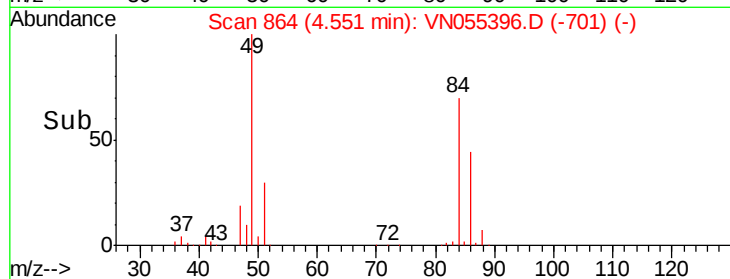
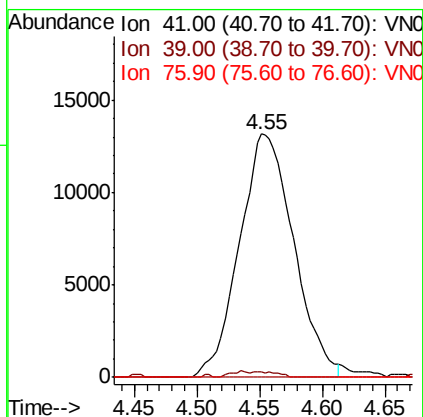
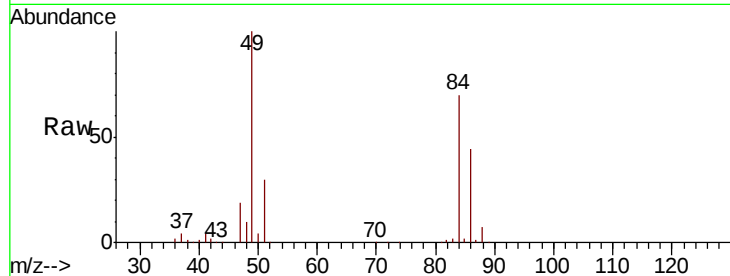




#14
Allvl chloride
Concen: 4.186 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.23 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

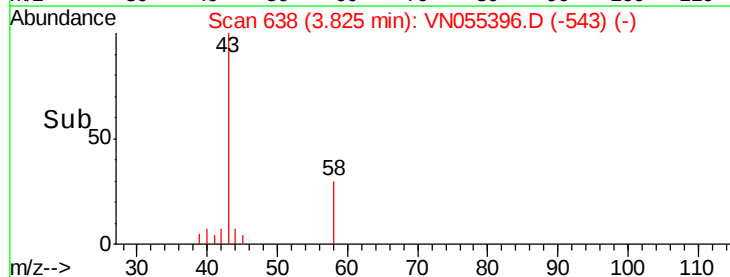
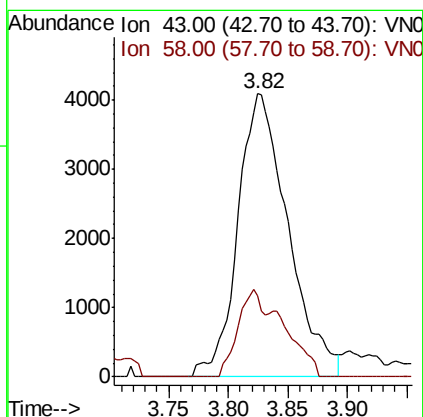
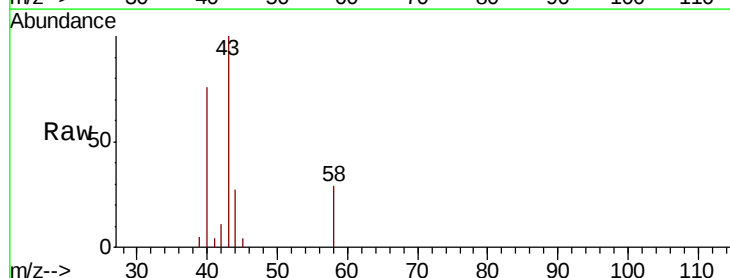
Instrument :
MSVOA_N
ClientSampled :
TP-1

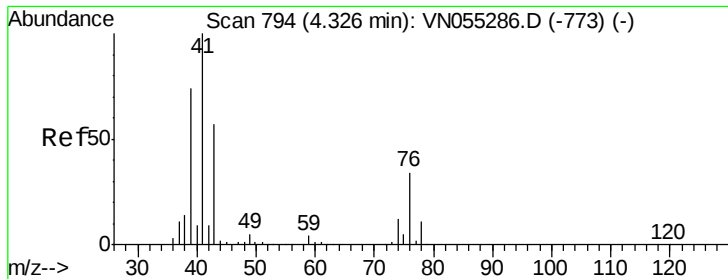
Tot Ion: 41 Resp: 39617
Ion Ratio Lower Upper
41 100
39 0.8 53.0 79.6#
76 0.0 22.7 34.1#



#16
Acetone
Concen: 6.342 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 43 Resp: 11960
Ion Ratio Lower Upper
43 100
58 28.6 23.6 35.4

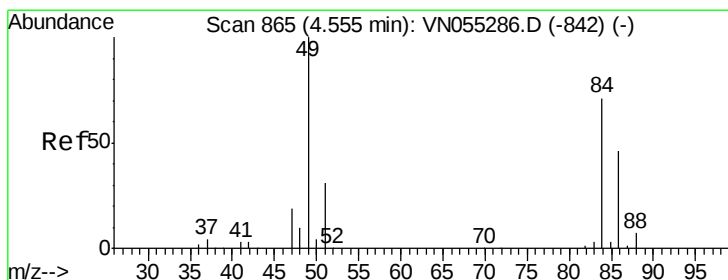
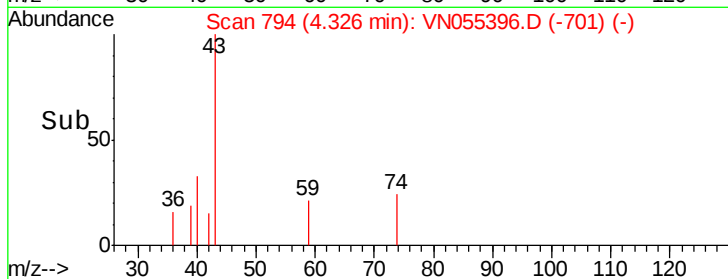
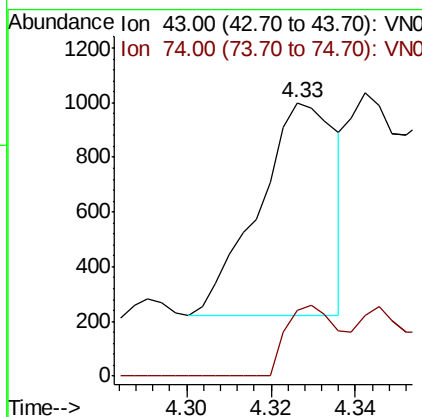
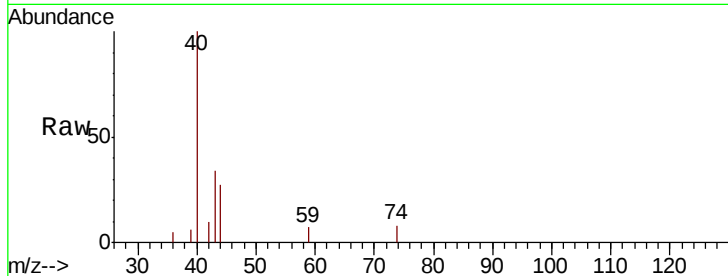




#18
Methyl Acetate
Concen: Below Cal
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

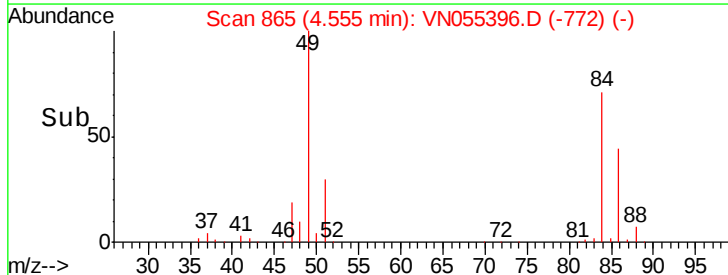
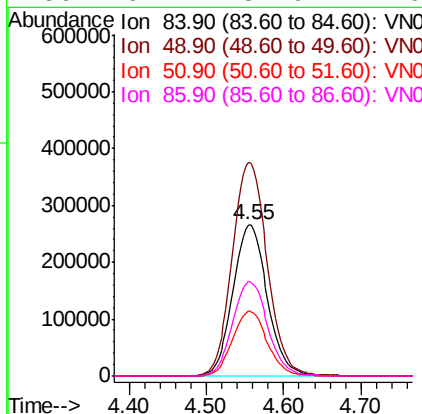
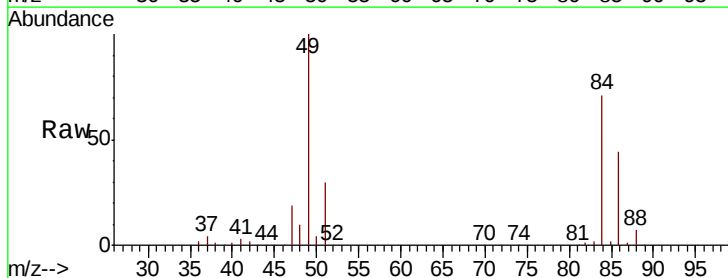
Instrument :
MSVOA_N
ClientSampleId :
TP-1

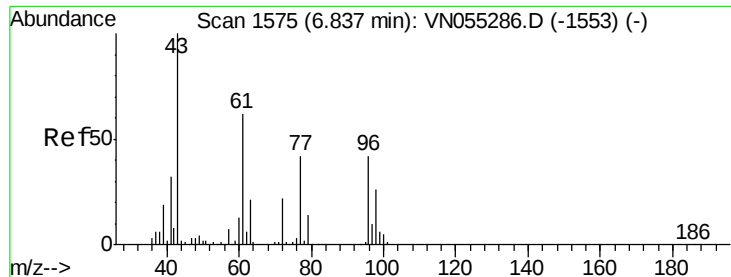
Tot Ion: 43 Resp: 986
Ion Ratio Lower Upper
43 100
74 23.8 15.8 23.8#



#20
Methylene Chloride
Concen: 142.682 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 84 Resp: 821292
Ion Ratio Lower Upper
84 100
49 140.9 112.4 168.6
51 42.7 34.6 51.8
86 62.1 51.9 77.9

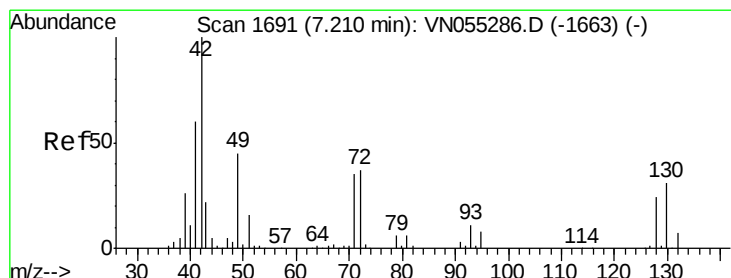
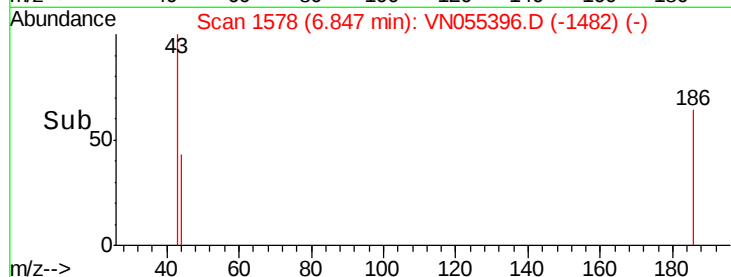
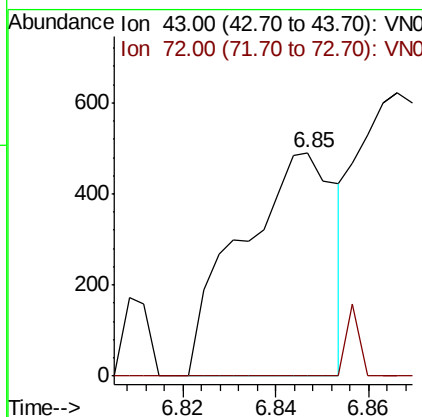
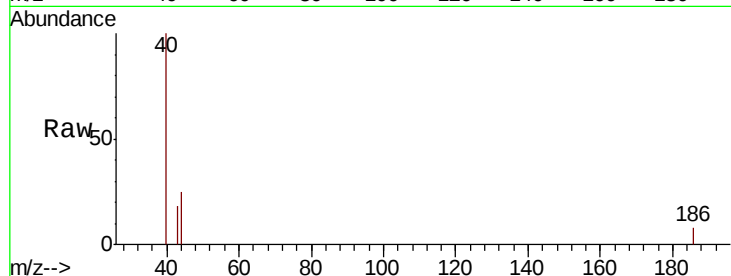




#25
2-Butanone
Concen: 0.288 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

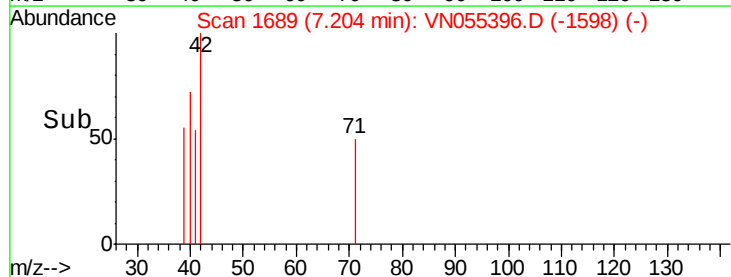
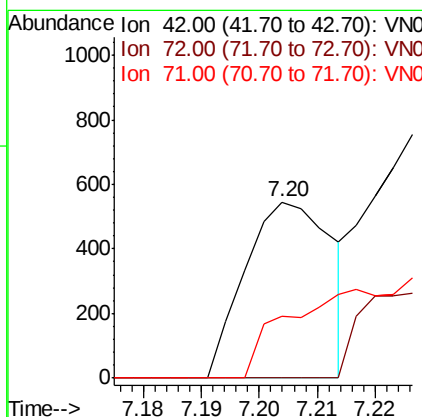
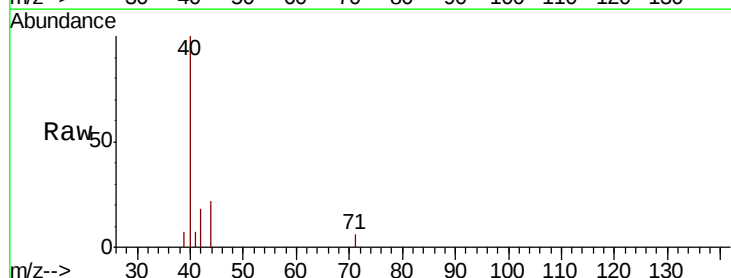
Instrument :
MSVOA_N
ClientSampled :
TP-1

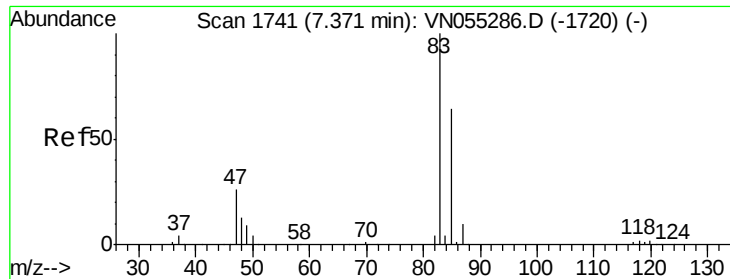
Tot Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#



#29
Tetrahydrofuran
Concen: 0.370 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. -0.01 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 42 Resp: 571
Ion Ratio Lower Upper
42 100
72 0.0 29.0 43.6#
71 0.0 27.1 40.7#

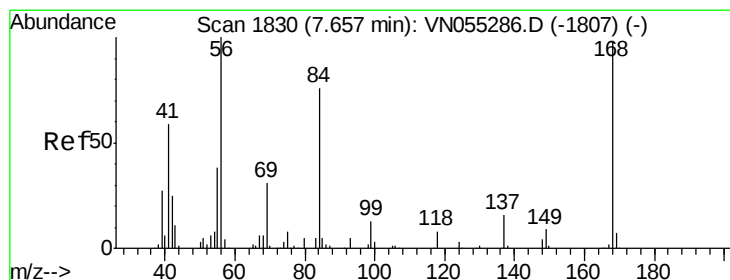
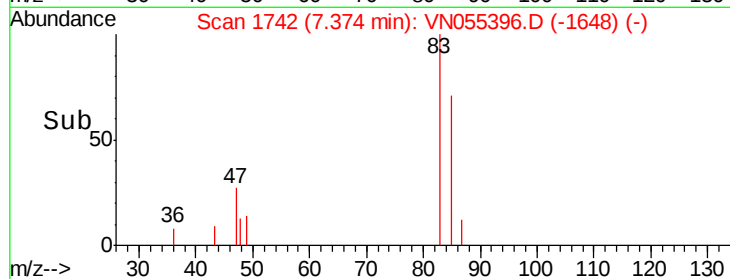
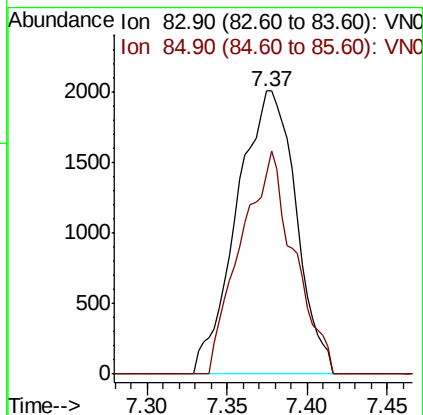
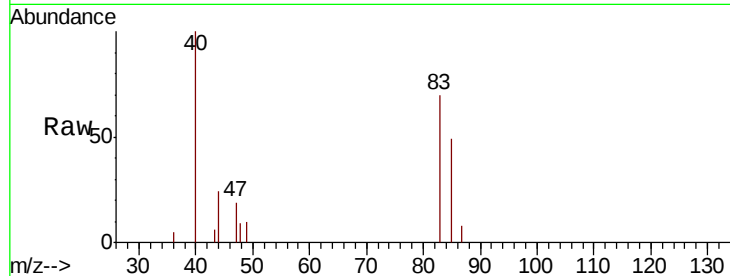




#30
Chloroform
Concen: 0.537 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

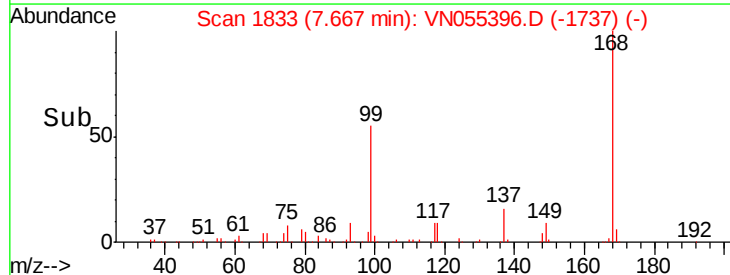
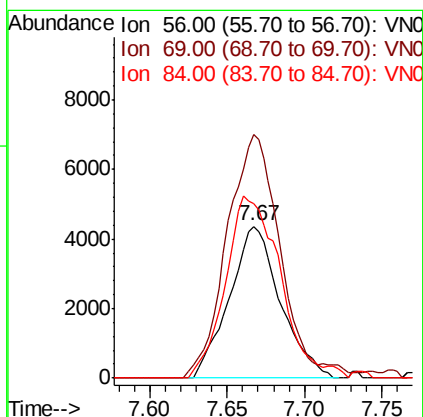
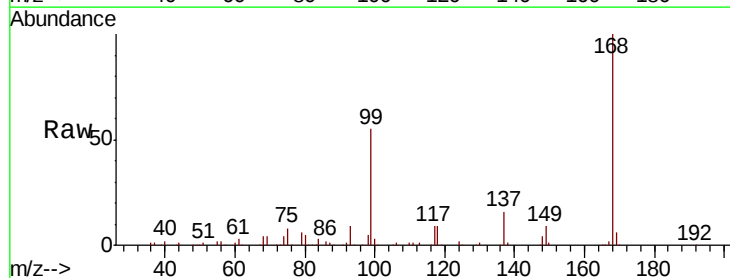
Instrument :
MSVOA_N
ClientSampleId :
TP-1

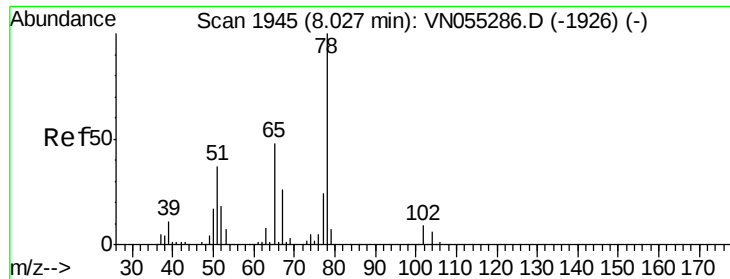
Tot Ion: 83 Resp: 5102
Ion Ratio Lower Upper
83 100
85 70.9 51.4 77.2



#31
Cyclohexane
Concen: 1.051 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 56 Resp: 10003
Ion Ratio Lower Upper
56 100
69 155.8 25.2 37.8#
84 115.0 61.1 91.7#





#33

1,2-Dichloroethane-d4

Concen: 52.017 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

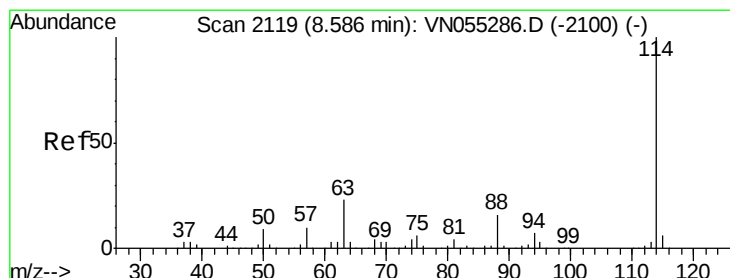
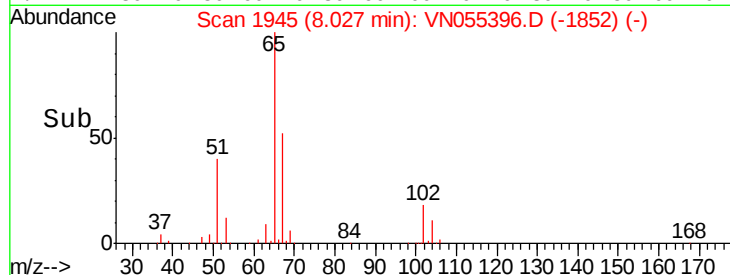
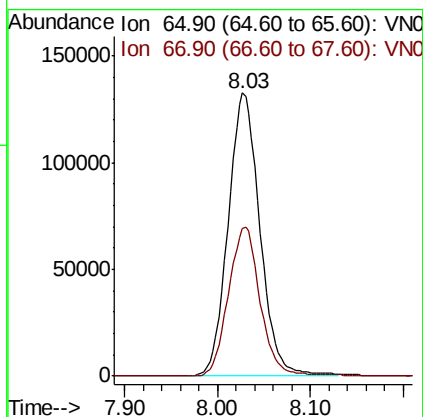
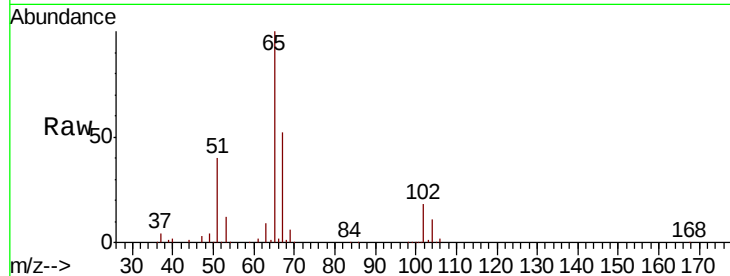
TP-1

Tot Ion: 65 Resp: 314821

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

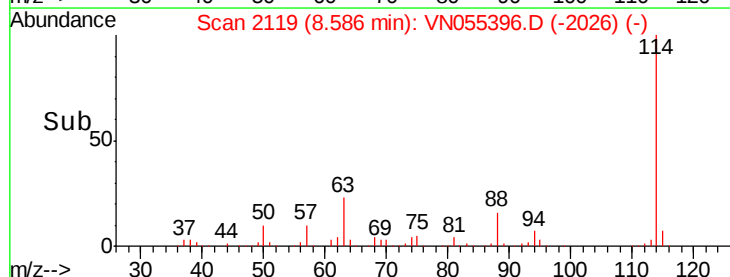
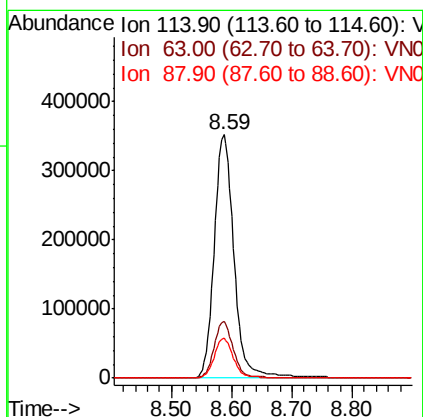
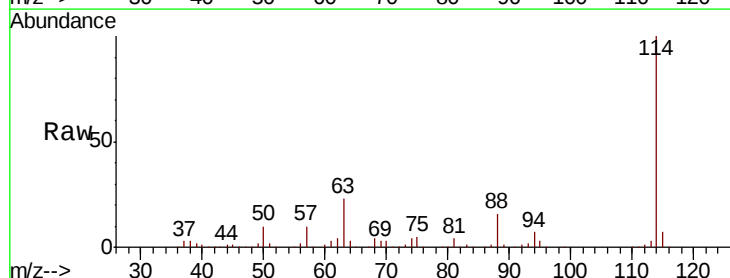
Tgt Ion: 114 Resp: 791738

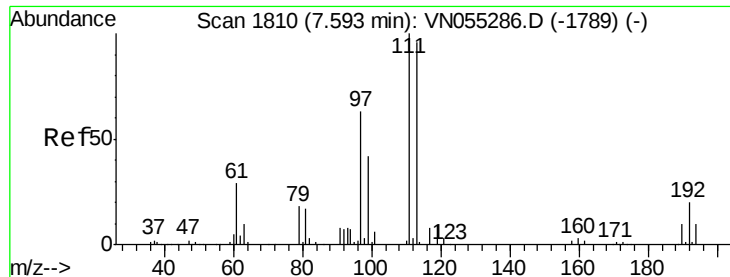
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.088 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :
MSVOA_N
ClientSampled :
TP-1

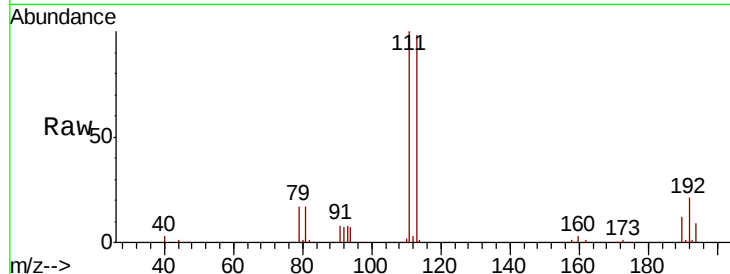
Tot Ion:113 Resp: 249901

Ion Ratio Lower Upper

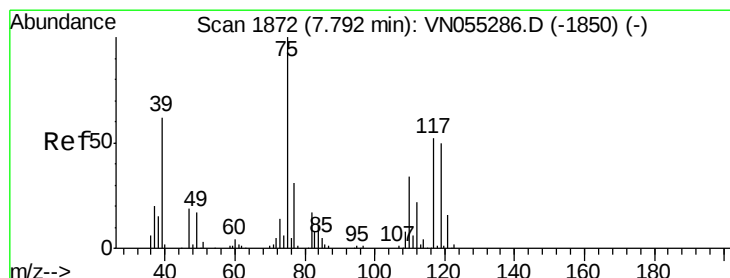
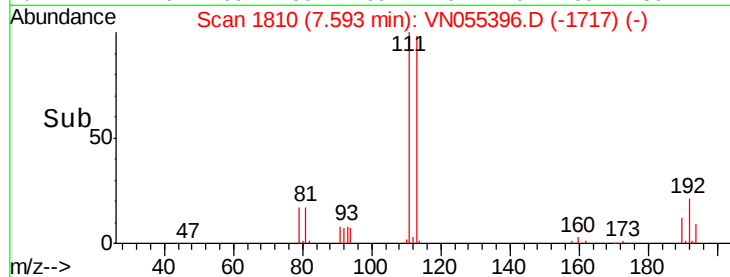
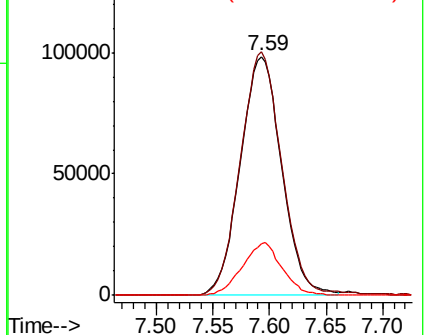
113 100

111 102.5 82.3 123.5

192 21.3 17.0 25.6



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: 4.665 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

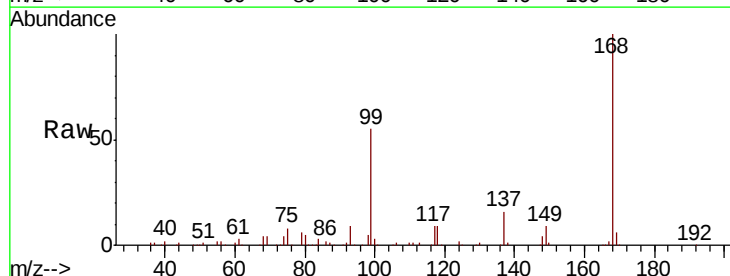
Tgt Ion: 75 Resp: 35375

Ion Ratio Lower Upper

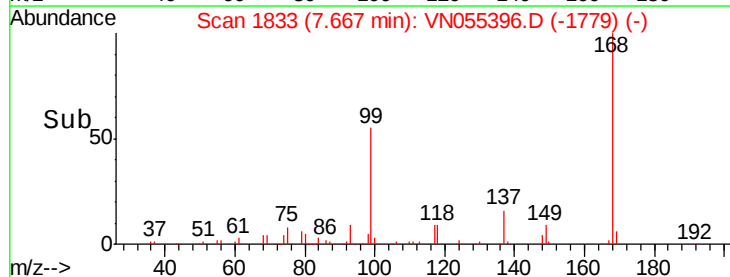
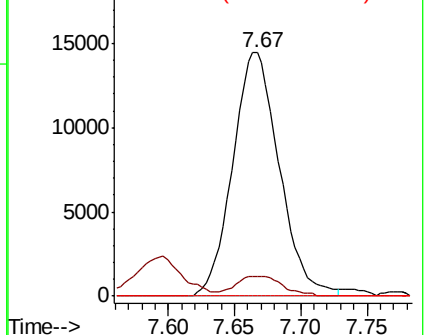
75 100

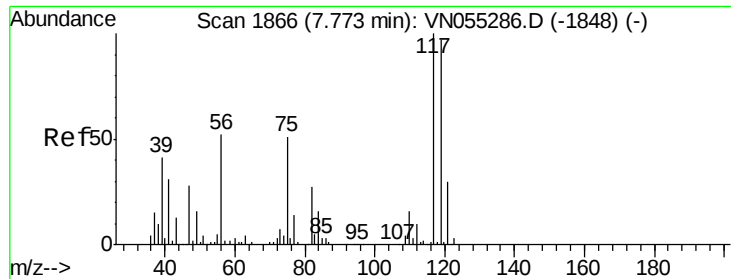
110 2.4 16.8 50.4#

77 0.0 25.0 37.6#



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: 5.955 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

TP-1

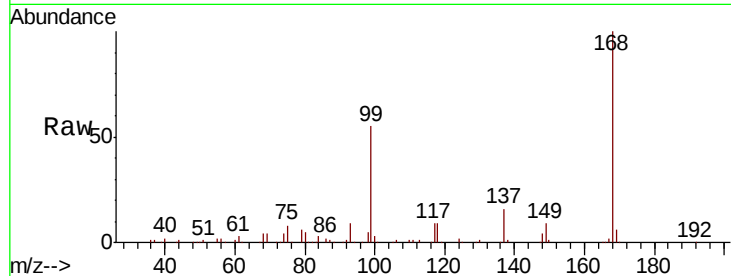
Tot Ion:117 Resp: 43567

Ion Ratio Lower Upper

117 100

119 5.3 77.0 115.6#

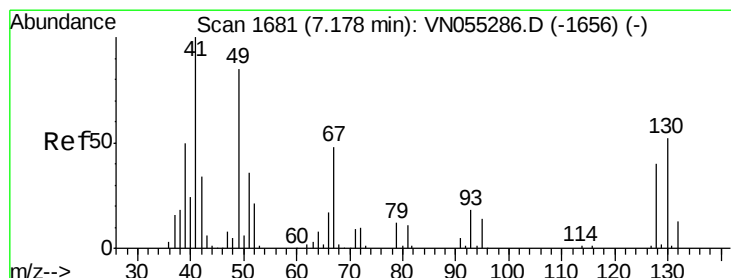
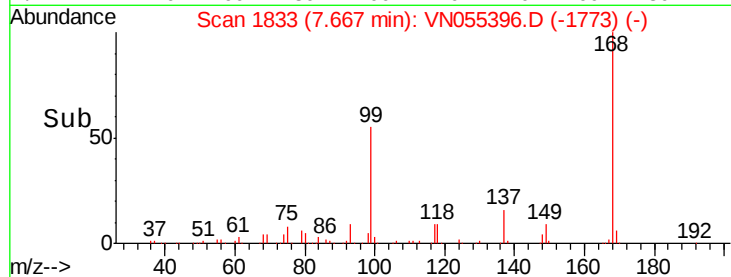
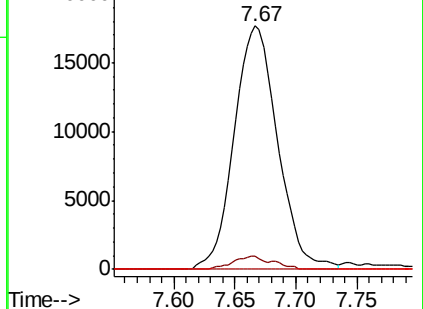
121 0.0 23.8 35.8#



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



#41

Methacrylonitrile

Concen: 1.011 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Tgt Ion: 41 Resp: 867

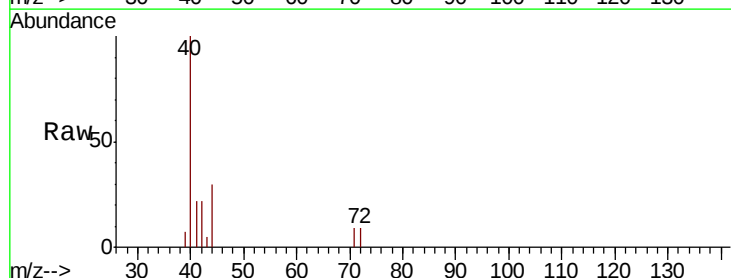
Ion Ratio Lower Upper

41 100

39 49.9 48.5 72.7

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

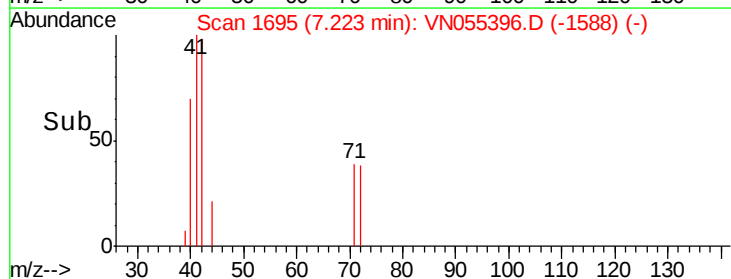
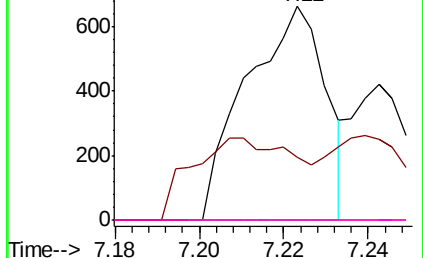


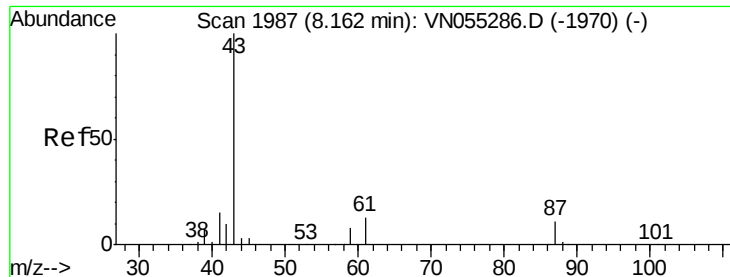
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.380 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

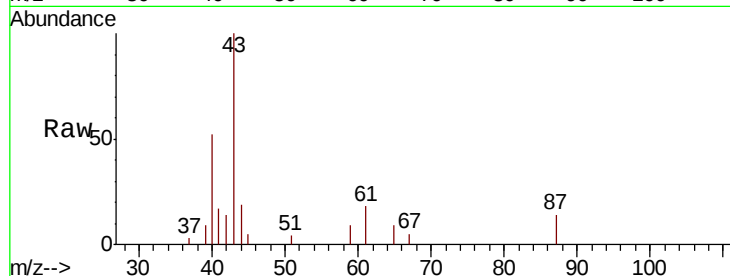
Tot Ion: 43 Resp: 12890

Ion Ratio Lower Upper

43 100

61 19.0 20.8 31.2#

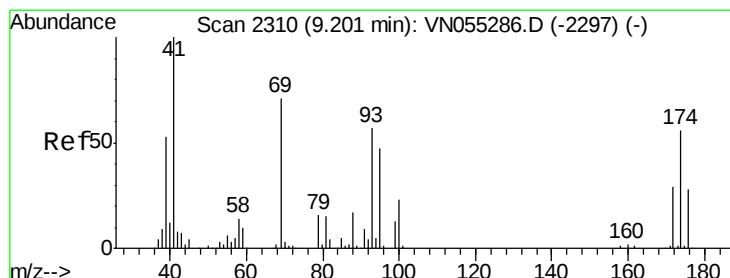
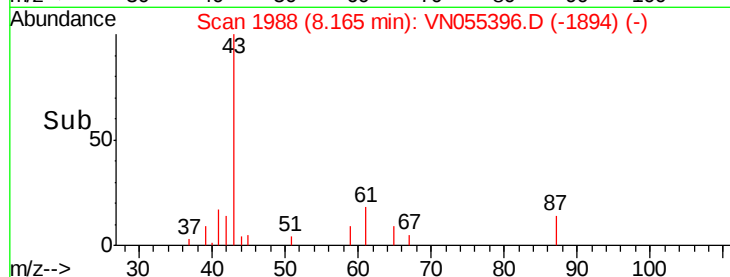
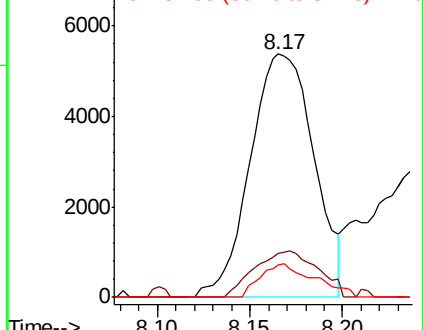
87 11.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.481 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

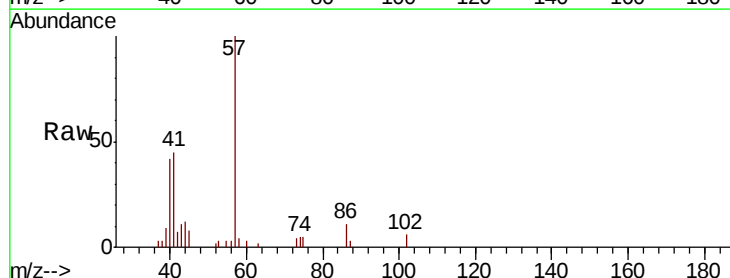
Tgt Ion: 41 Resp: 6801

Ion Ratio Lower Upper

41 100

69 0.0 58.6 87.8#

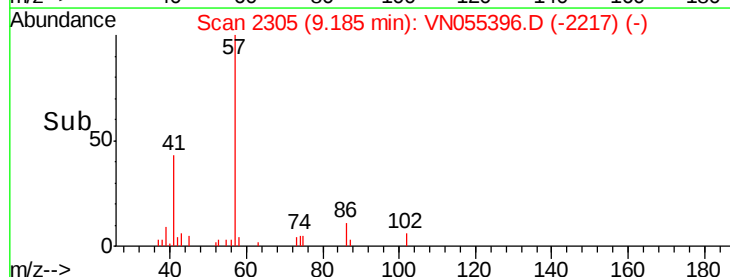
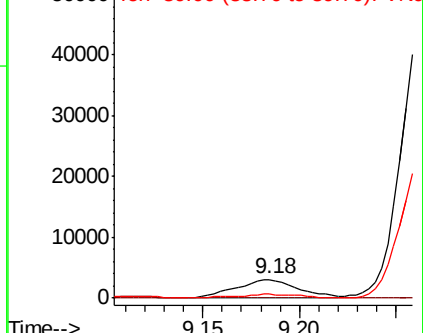
39 0.0 43.8 65.6#

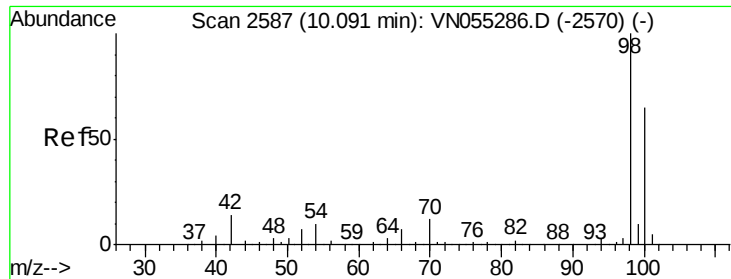


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 51.753 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

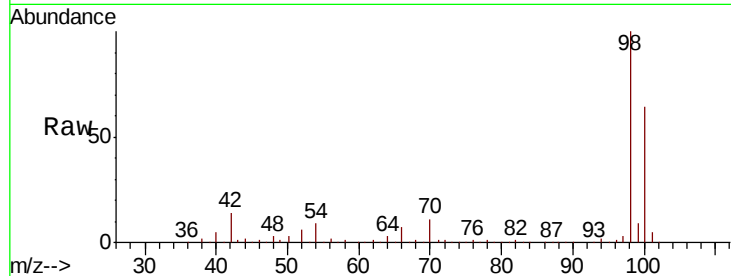
TP-1

Tot Ion: 98 Resp: 971136

Ion Ratio Lower Upper

98 100

100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

600000

500000

400000

300000

200000

100000

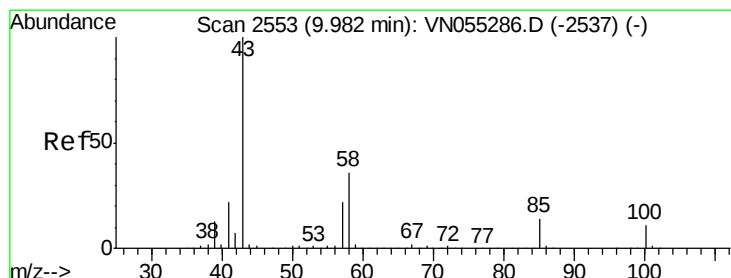
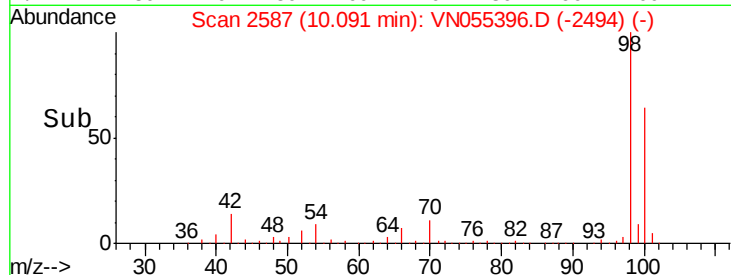
0

10.09

10.10

10.20

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.885 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055396.D

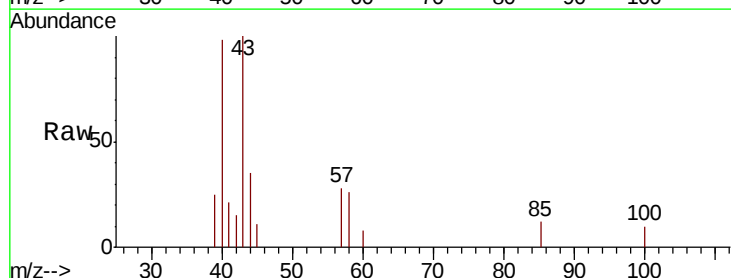
Acq: 3 May 2019 17:52

Tgt Ion: 43 Resp: 4655

Ion Ratio Lower Upper

43 100

58 31.1 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

3000

2000

1000

0

9.99

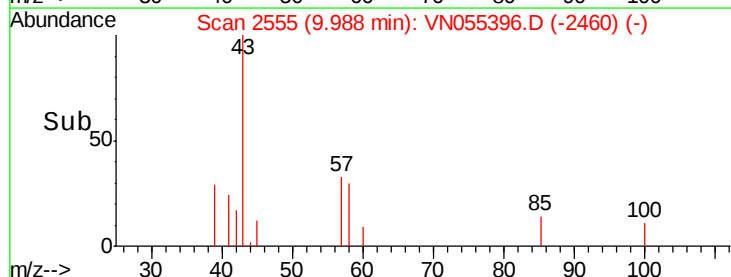
9.98

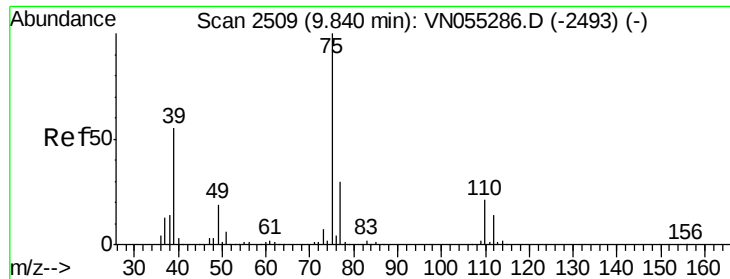
9.97

9.96

9.95

Time-->





#54

cis-1,3-Dichloropropene

Concen: 5.900 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

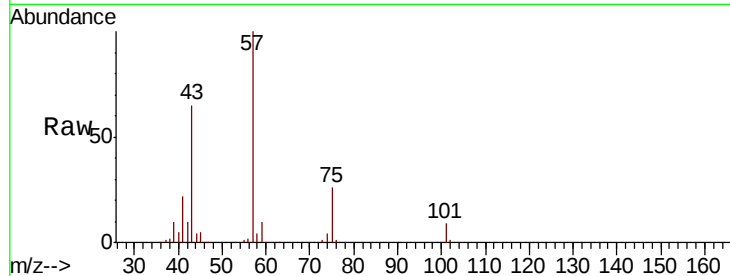
Tot Ion: 75 Resp: 48287

Ion Ratio Lower Upper

75 100

77 0.0 24.2 36.2#

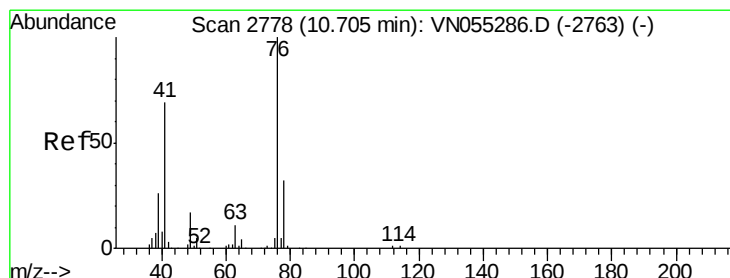
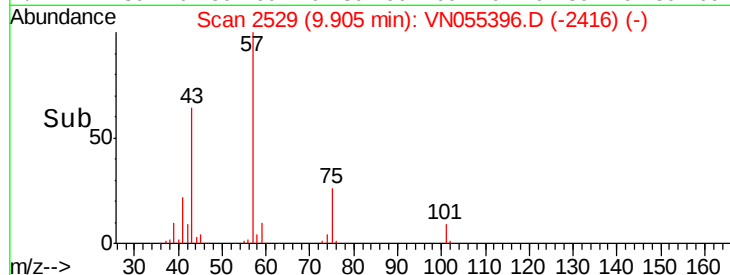
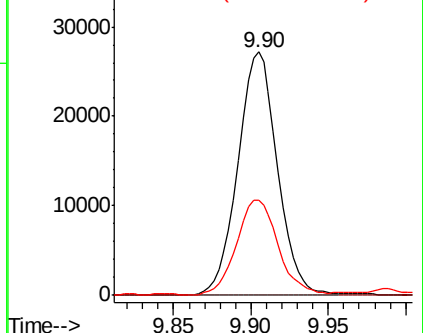
39 38.9 44.2 66.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.082 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055396.D

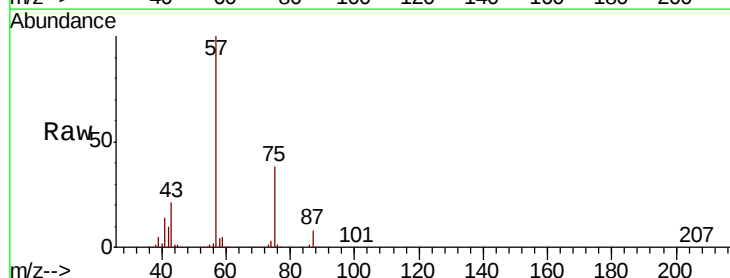
Acq: 3 May 2019 17:52

Tgt Ion: 76 Resp: 9045

Ion Ratio Lower Upper

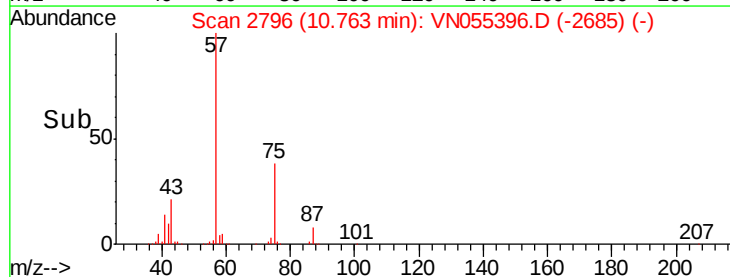
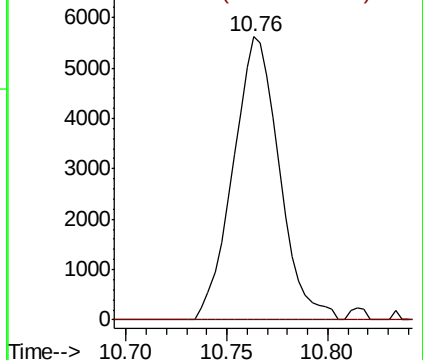
76 100

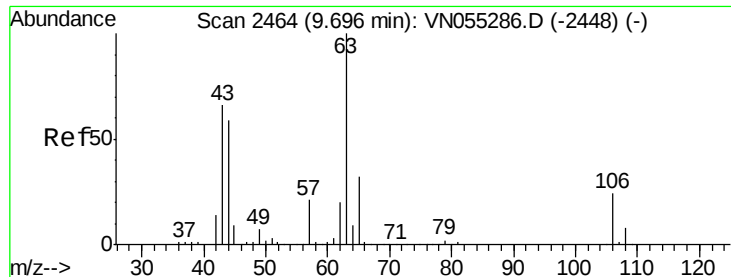
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

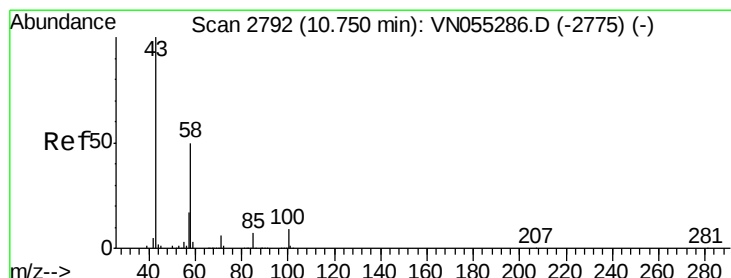
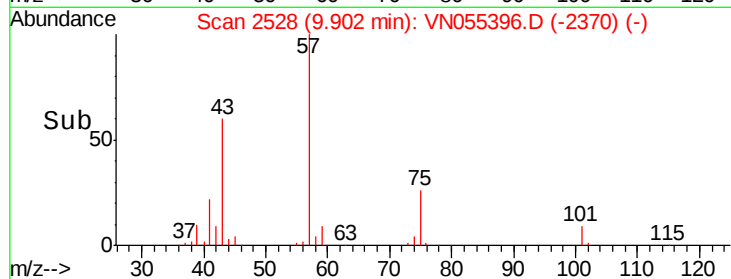
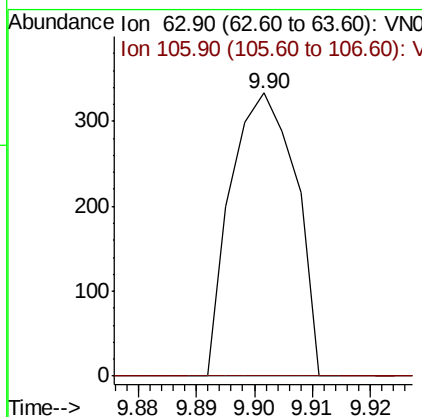
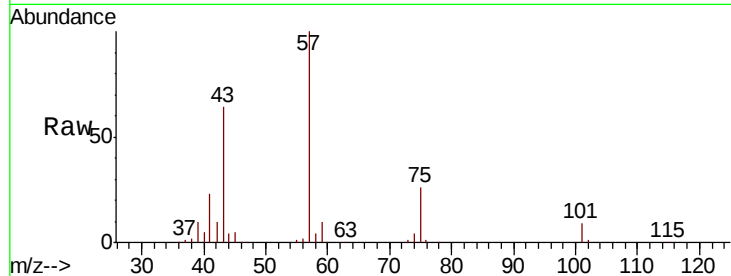




#58
 2-Chloroethyl Vinyl ether
 Concen: 12.540 ug/l
 RT: 9.90 min Scan# 2528
 Delta R.T. 0.21 min
 Lab File: VN055396.D
 Acq: 3 May 2019 17:52

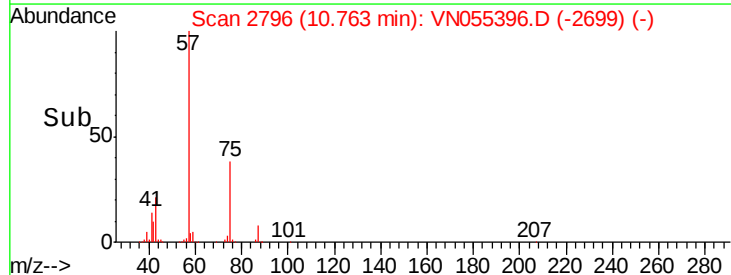
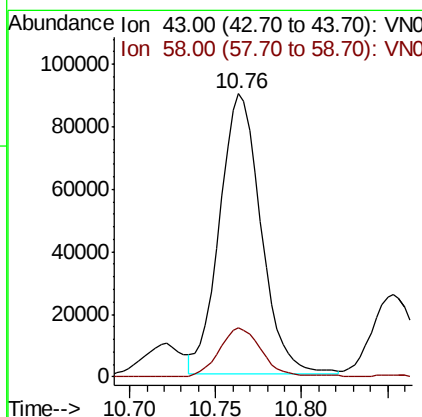
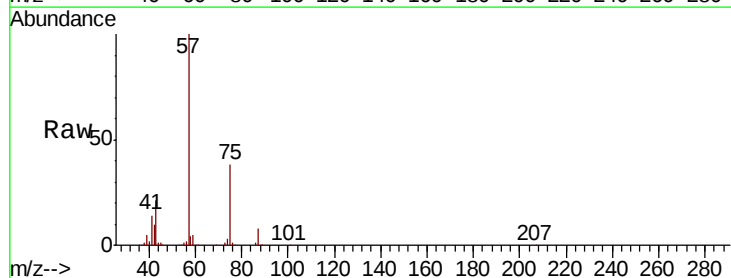
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

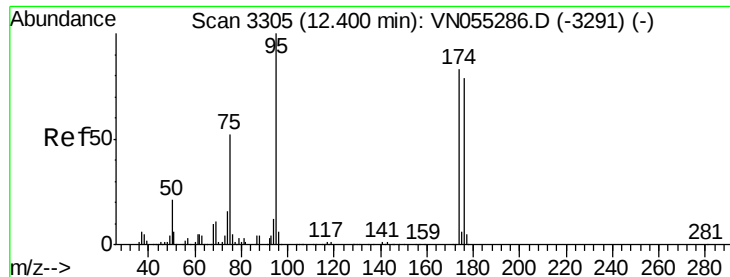
Tot Ion: 63 Resp: 258
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#



#59
 2-Hexanone
 Concen: 45.982 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN055396.D
 Acq: 3 May 2019 17:52

Tgt Ion: 43 Resp: 151301
 Ion Ratio Lower Upper
 43 100
 58 17.8 24.9 74.6#

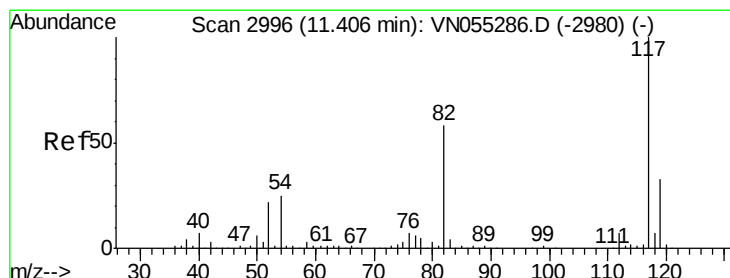
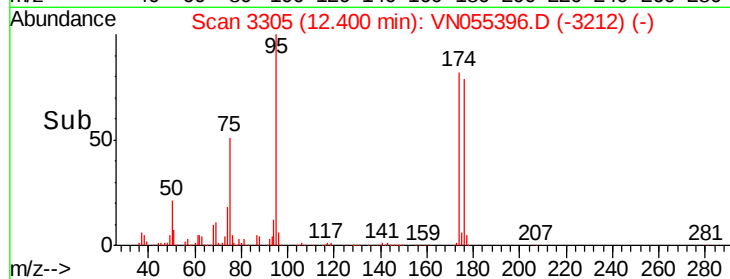
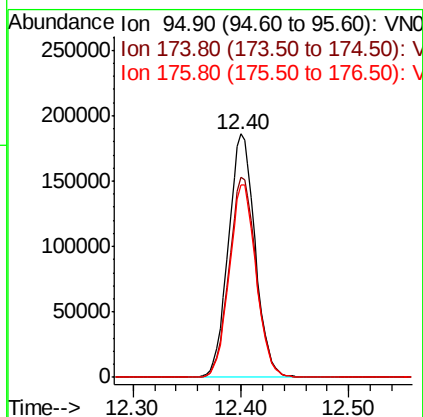
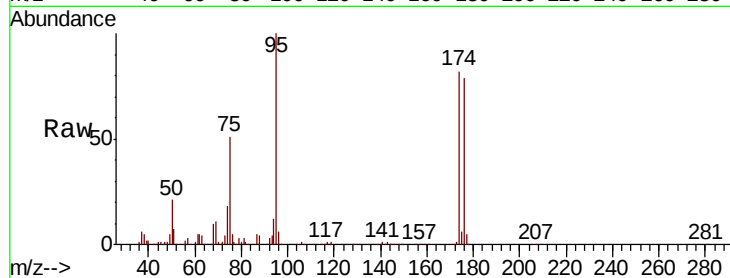




#62
4-Bromofluorobenzene
Concen: 54.814 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

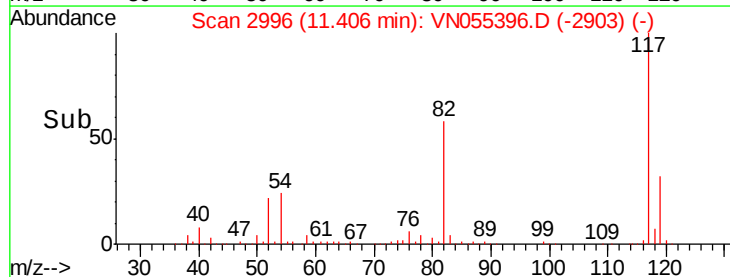
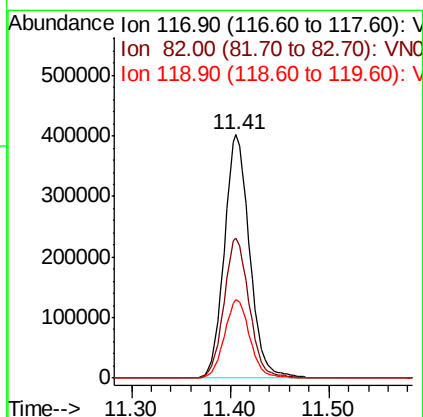
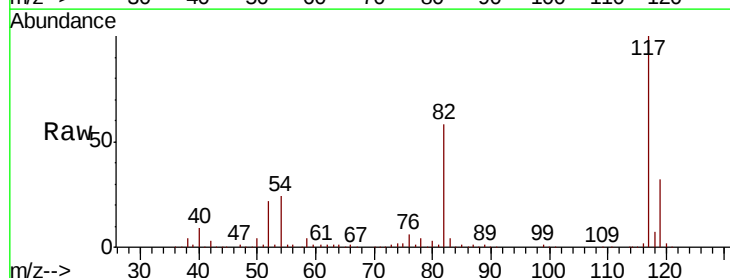
Instrument :
MSVOA_N
ClientSampled :
TP-1

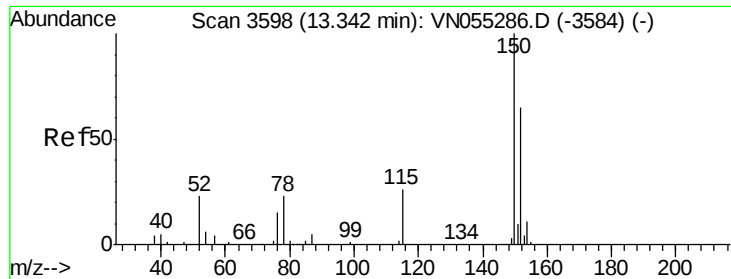
Tot Ion: 95 Resp: 321464
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.6
176 79.4 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion: 117 Resp: 721954
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.4
119 32.1 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

TP-1

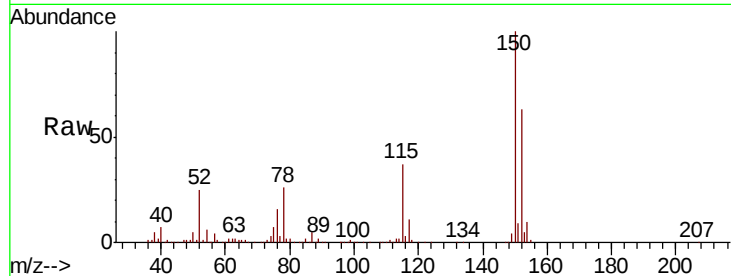
Tot Ion:152 Resp: 224557

Ion Ratio Lower Upper

152 100

115 58.9 29.0 87.0

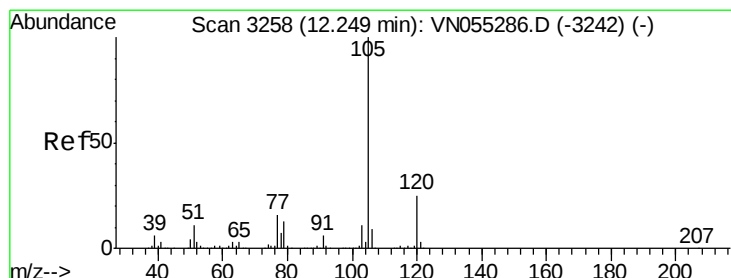
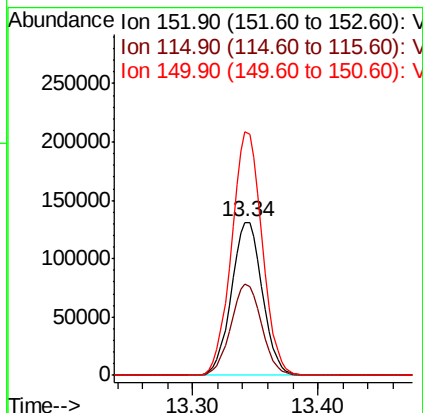
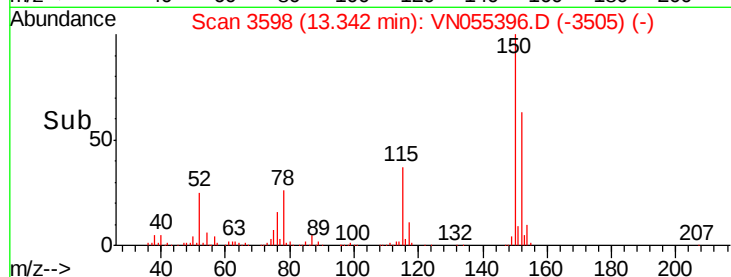
150 157.2 0.0 345.6



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# 3259

Delta R.T. 0.00 min

Lab File: VN055396.D

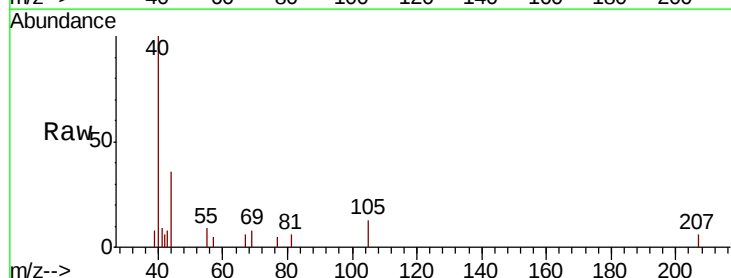
Acq: 3 May 2019 17:52

Tgt Ion:105 Resp: 498

Ion Ratio Lower Upper

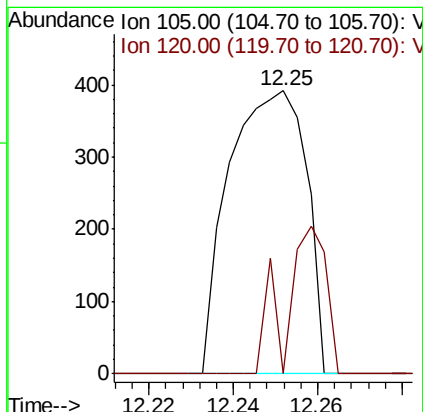
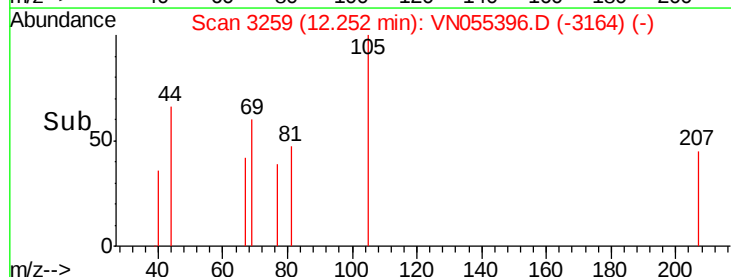
105 100

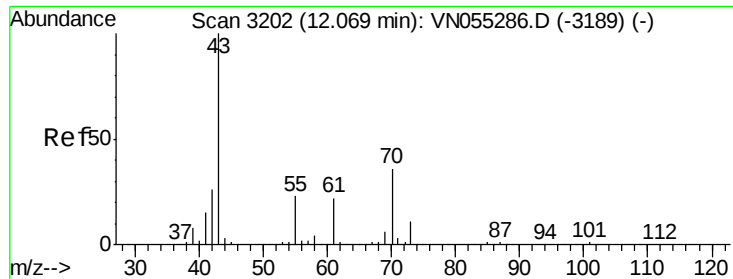
120 27.3 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.272 ug/l

RT: 12.04 min Scan# 3193

Delta R.T. -0.03 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

TP-1

Tot Ion: 43 Resp: 1569

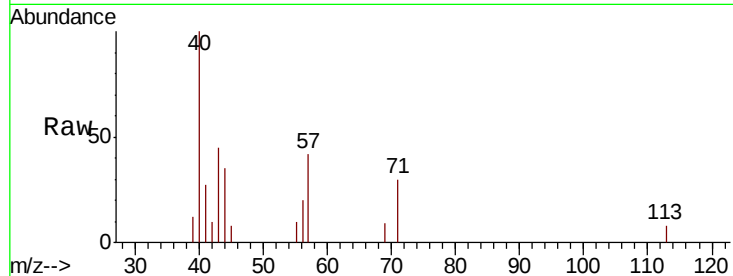
Ion Ratio Lower Upper

43 100

70 0.0 27.9 41.9#

55 39.8 18.2 27.2#

61 0.0 16.9 25.3#

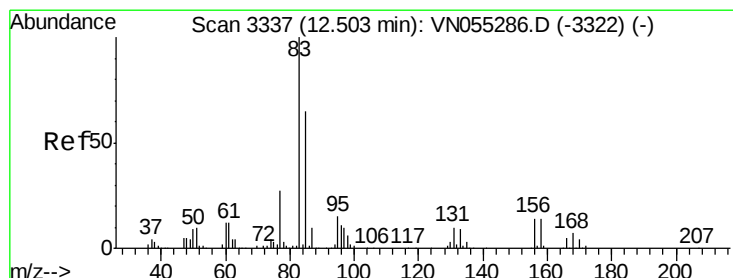
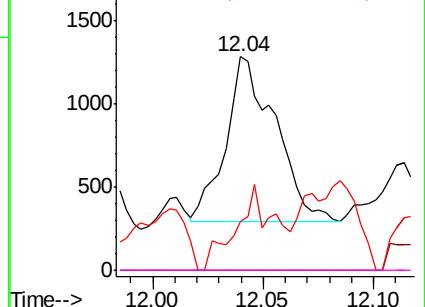
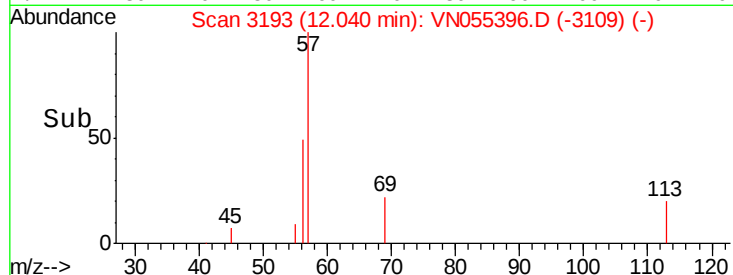


Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-3189) (-)

Ion 70.00 (69.70 to 70.70): VN055286.D (-3189) (-)

Ion 55.00 (54.70 to 55.70): VN055286.D (-3189) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-3189) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.52 min Scan# 3343

Delta R.T. 0.02 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

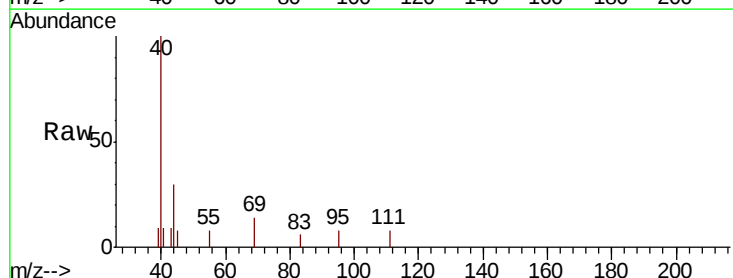
Tgt Ion: 83 Resp: 66

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.2#

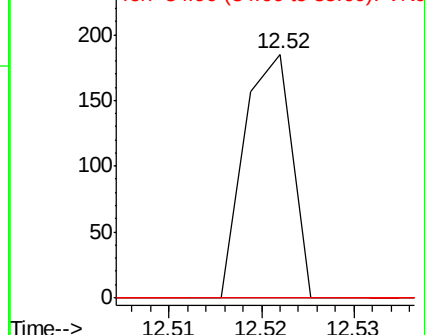
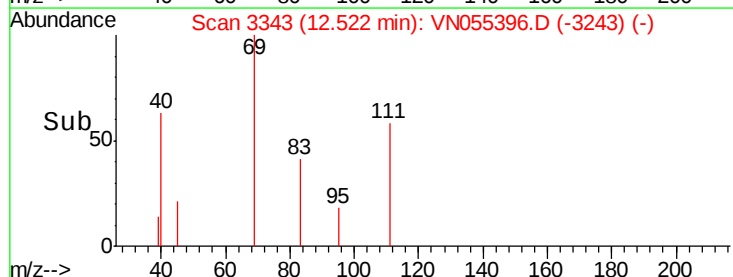
85 0.0 32.3 96.8#

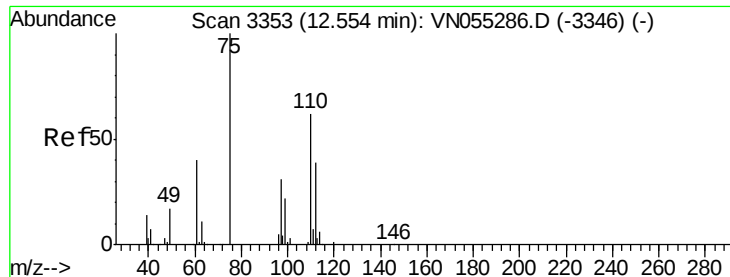


Abundance Ion 82.90 (82.60 to 83.60): VN055286.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN055286.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN055286.D (-3322) (-)





#76

1,2,3-Trichloropropane

Concen: 38.848 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

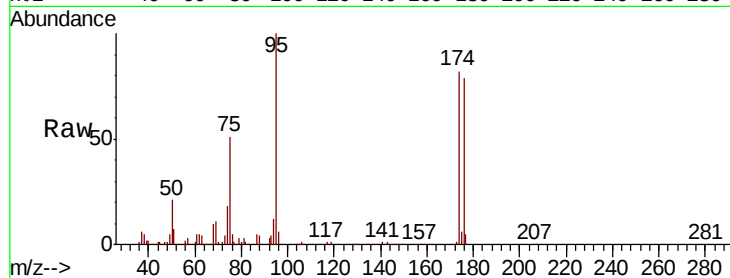
TP-1

Tot Ion: 75 Resp: 164492

Ion Ratio Lower Upper

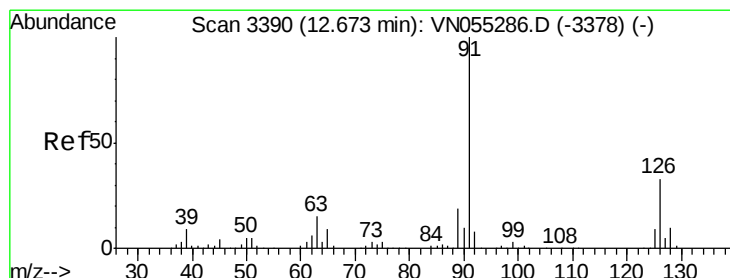
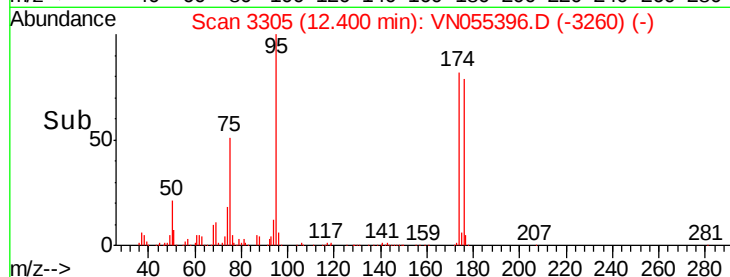
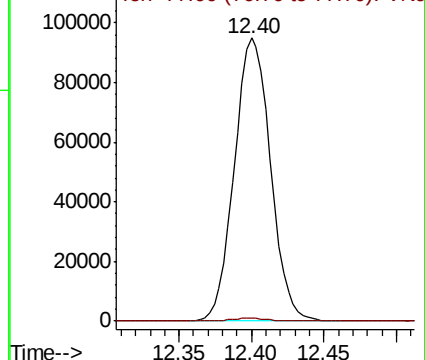
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3388

Delta R.T. -0.01 min

Lab File: VN055396.D

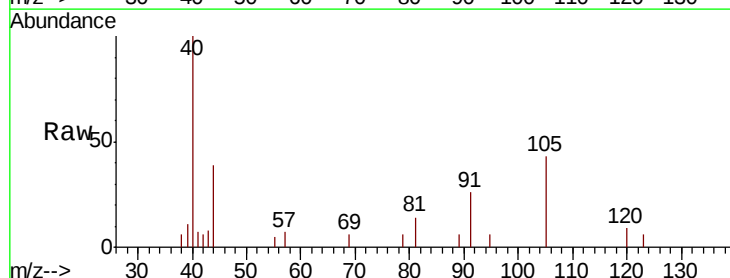
Acq: 3 May 2019 17:52

Tgt Ion: 91 Resp: 1085

Ion Ratio Lower Upper

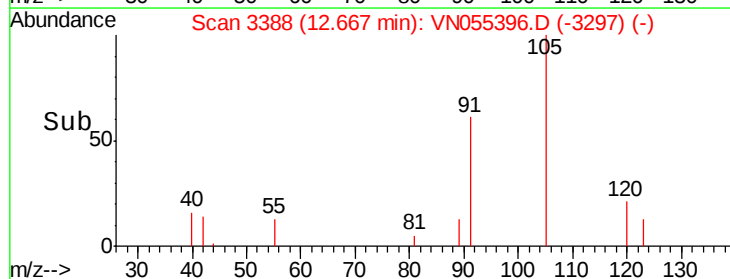
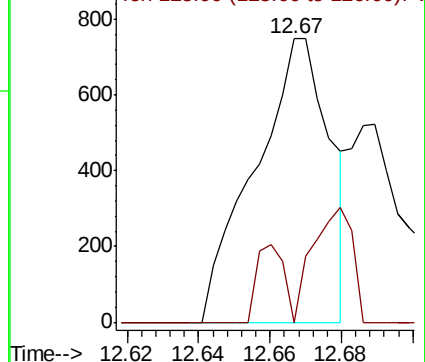
91 100

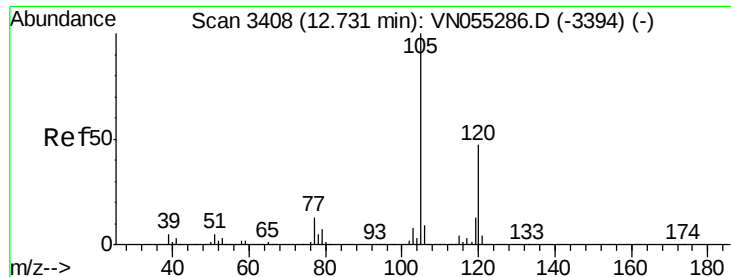
126 9.9 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.371 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

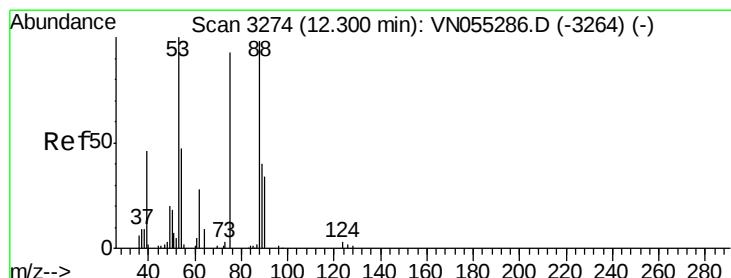
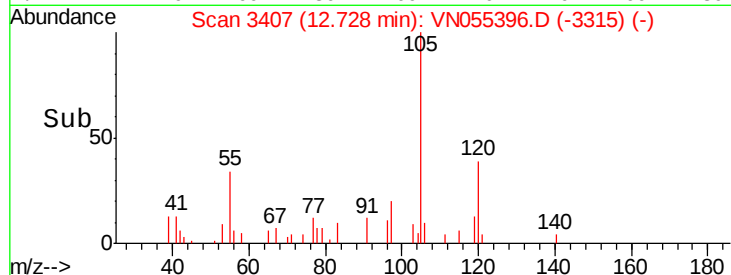
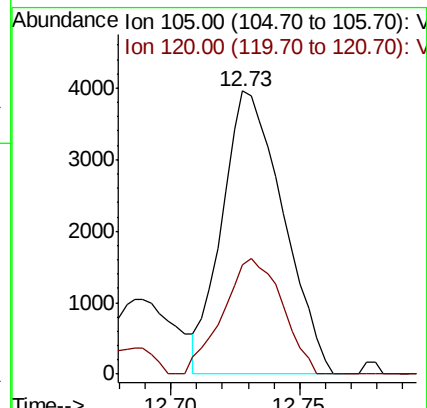
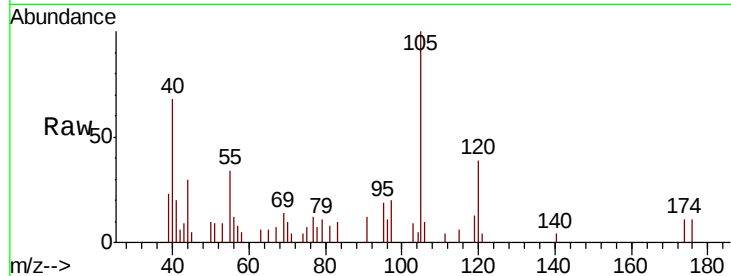
TP-1

Tot Ion:105 Resp: 6539

Ion Ratio Lower Upper

105 100

120 39.5 23.4 70.0



#81

trans-1,4-Dichloro-2-butene

Concen: 138.817 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

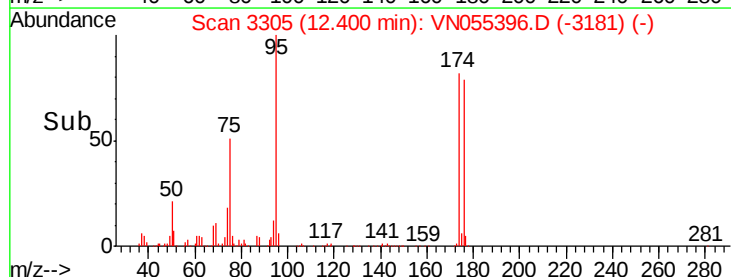
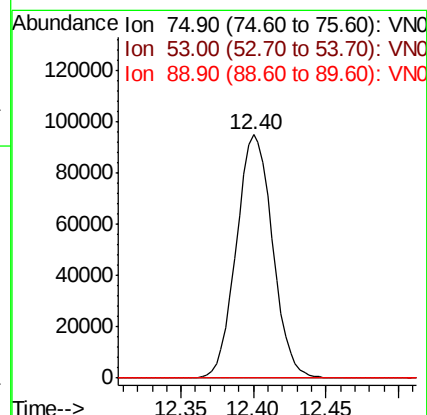
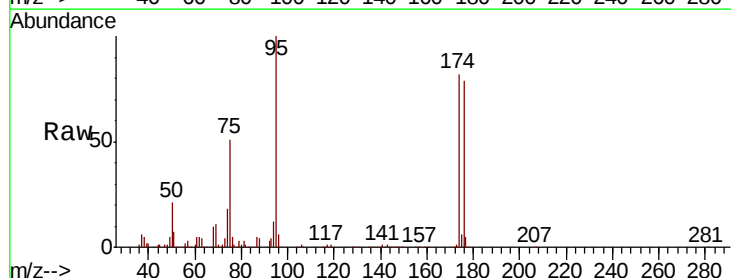
Tgt Ion: 75 Resp: 164492

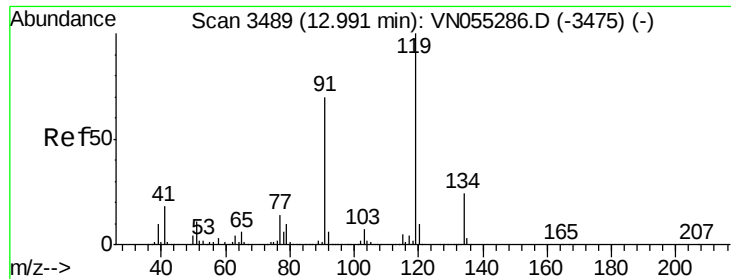
Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

89 0.0 34.6 51.8#

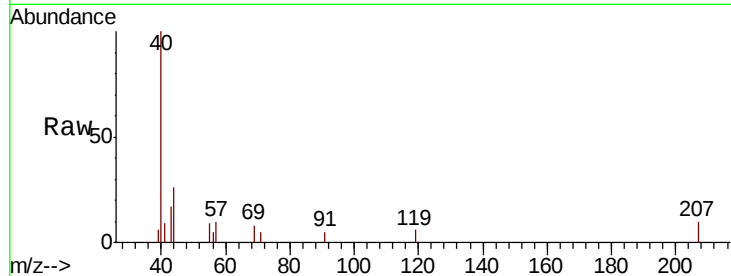




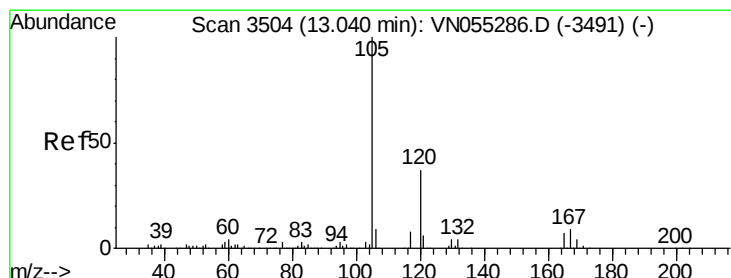
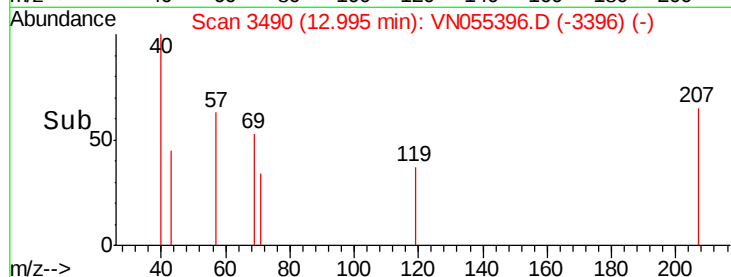
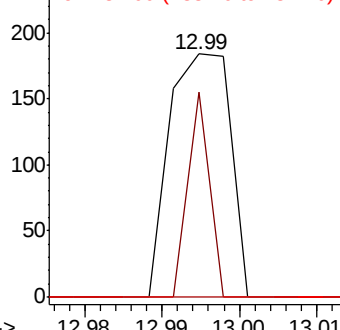
#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tot Ion:119 Resp: 101
Ion Ratio Lower Upper
119 100
91 29.7 34.3 102.9#
134 0.0 13.1 39.3#

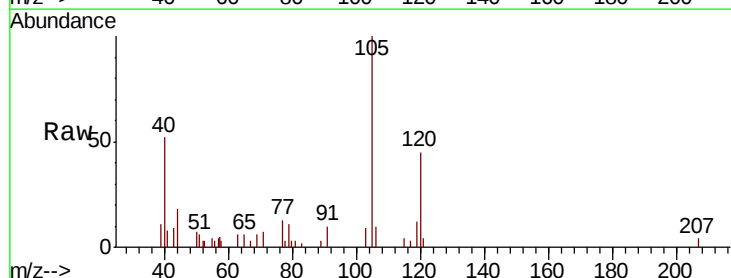


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

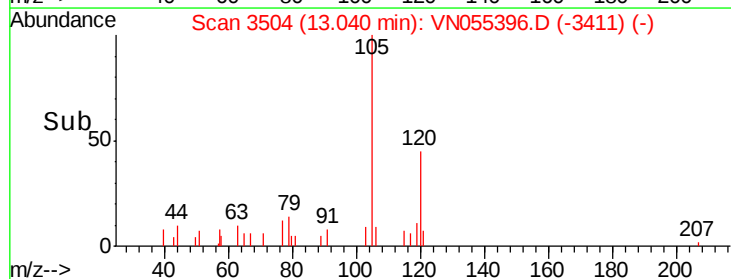
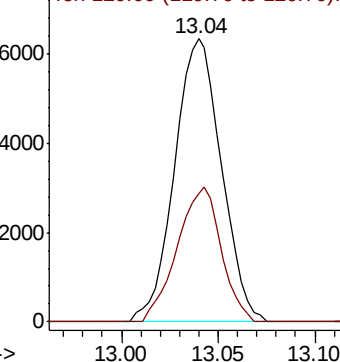


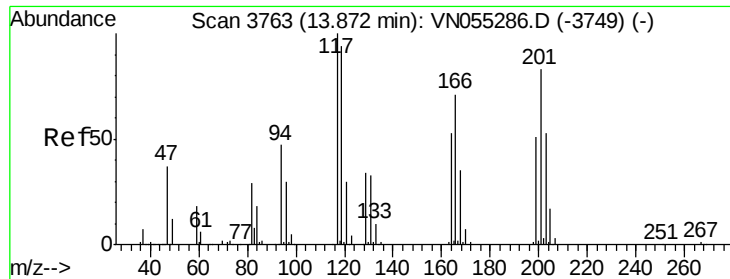
#84
1,2,4-Trimethylbenzene
Concen: 0.679 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055396.D
Acq: 3 May 2019 17:52

Tgt Ion:105 Resp: 10685
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.5



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





#90

Hexachloroethane

Concen: Below Cal

RT: 13.88 min Scan# 3766

Delta R.T. 0.01 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

Instrument :

MSVOA_N

ClientSampled :

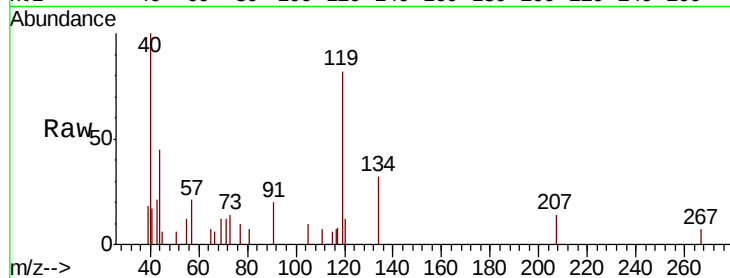
TP-1

Tot Ion:117 Resp: 459

Ion Ratio Lower Upper

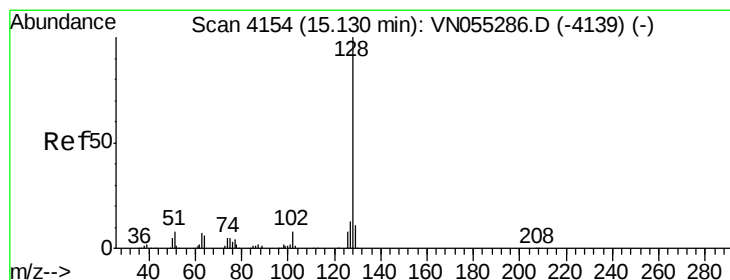
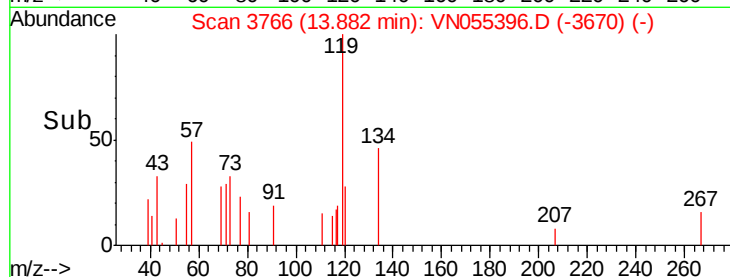
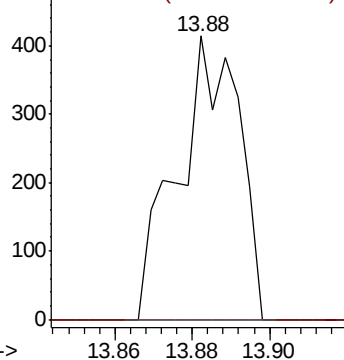
117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 4.286 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055396.D

Acq: 3 May 2019 17:52

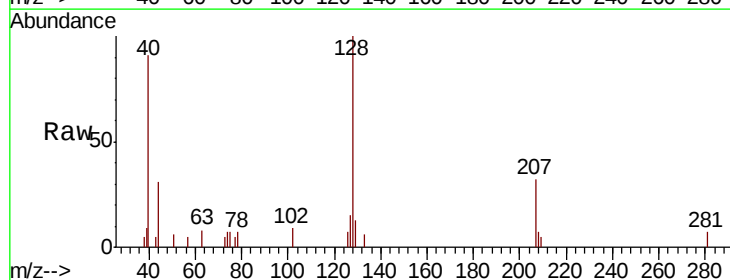
Tgt Ion:128 Resp: 6404

Ion Ratio Lower Upper

128 100

127 11.1 10.7 16.1

129 11.4 8.6 13.0



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

