

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN054002.D
 Acq On : 28 Feb 2019 14:20
 Operator : JC/SP
 Sample : K1643-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

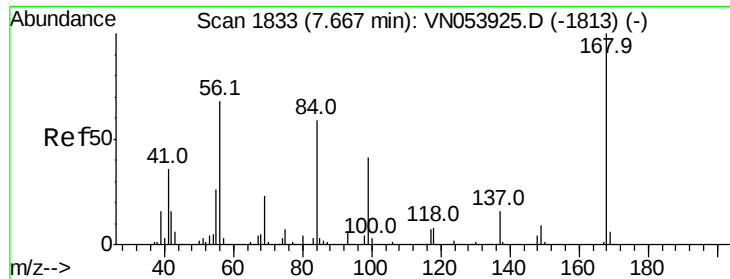
Quant Time: Mar 01 03:55:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	574357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071256	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1058382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	392397	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	385224	57.22	ug/l	0.00
Spiked Amount			Recovery	=	114.44%	
35) Dibromofluoromethane	7.59	113	351762	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	10.09	98	1380519	53.53	ug/l	0.00
Spiked Amount			Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.40	95	451059	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.78	59	253	0.593	ug/l #	73
16) Acetone	3.82	43	15661	Below Cal		98
18) Methyl Acetate	4.33	43	3567	0.758	ug/l #	75
20) Methylene Chloride	4.55	84	34500	5.177	ug/l	92
25) 2-Butanone	6.84	43	5296	2.003	ug/l	94
29) Tetrahydrofuran	7.23	42	1817	1.032	ug/l #	48
31) Cyclohexane	7.66	56	10101	0.533	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41815	4.197	ug/l #	46
38) Carbon Tetrachloride	7.67	117	49965	4.822	ug/l #	18
43) Isopropyl Acetate	8.17	43	39503	3.289	ug/l #	87
45) 1,2-Dichloropropane	9.27	63	1958	0.237	ug/l #	44
48) Methyl methacrylate	9.18	41	15625	2.828	ug/l #	12
49) 1,4-Dioxane	9.27	88	61	0.815	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	10430	1.690	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	74536	6.432	ug/l #	69
56) Ethyl methacrylate	10.32	69	98	1.966	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	13702	1.205	ug/l #	43
59) 2-Hexanone	10.76	43	207541	51.704	ug/l #	48
68) m/p-Xylenes	11.62	106	8015	0.567	ug/l	99
69) o-Xylene	11.95	106	4944	0.356	ug/l	99
71) Bromoform	12.41	173	3294	0.588	ug/l #	1
74) N-amyl acetate	12.04	43	2594	0.324	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	225158	35.769	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17373	0.695	ug/l	91
81) trans-1,4-Dichloro-2-buten	12.40	75	225158	113.053	ug/l #	15
83) tert-Butylbenzene	13.04	119	8661	0.392	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.04	105	65092	2.607	ug/l	95
85) sec-Butylbenzene	13.04	105	65092	2.155	ug/l #	56
93) 1,2,4-Trichlorobenzene	14.91	180	64	2.231	ug/l #	11
95) Naphthalene	15.14	128	3772	3.439	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

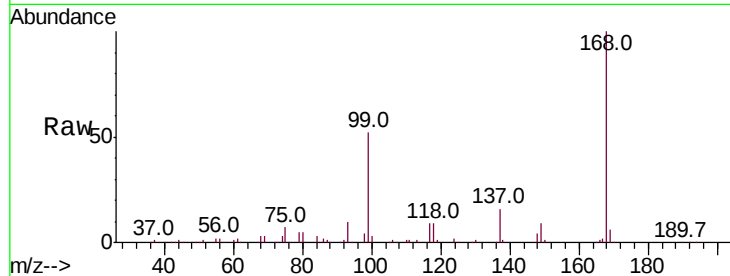
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 574357

Ion Ratio Lower Upper

168 100

99 52.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

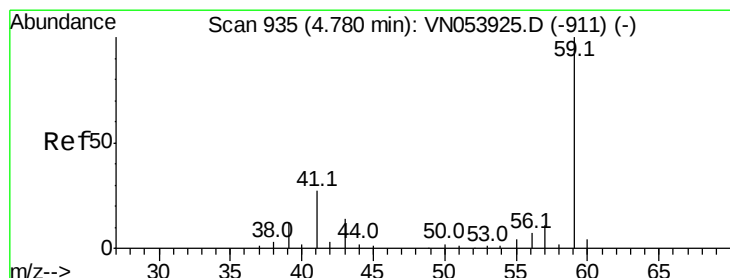
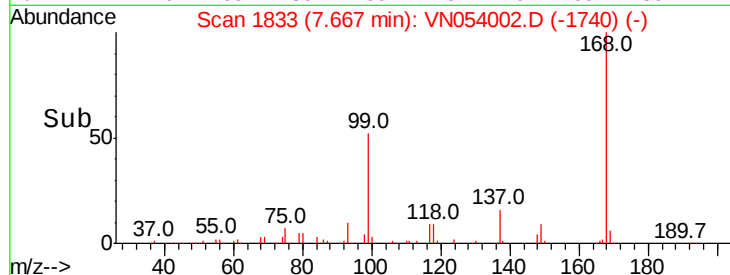
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.593 ug/l

RT: 4.78 min Scan# 935

Delta R.T. 0.00 min

Lab File: VN054002.D

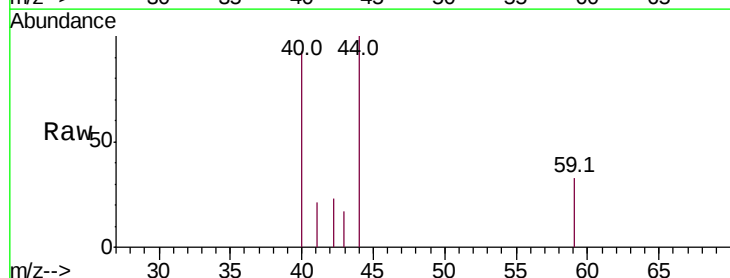
Acq: 28 Feb 2019 14:20

Tgt Ion: 59 Resp: 253

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.78

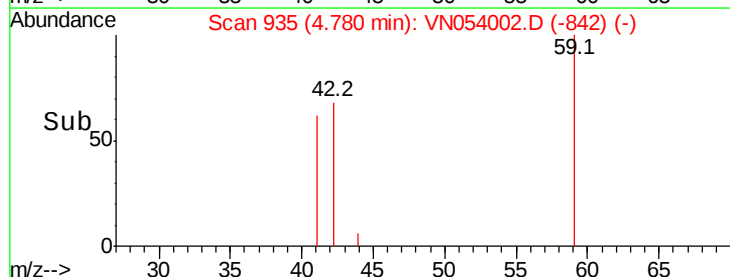
300

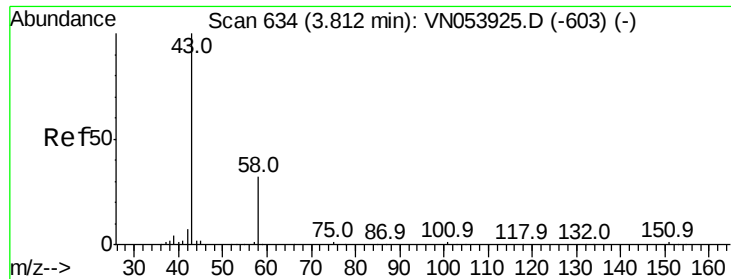
200

100

0

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

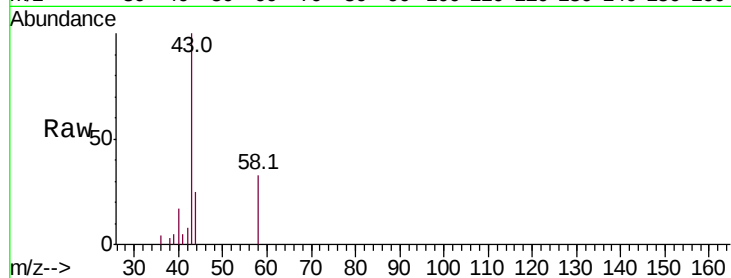
ClientSampled :

Tot Ion: 43 Resp: 15661

Ion Ratio Lower Upper

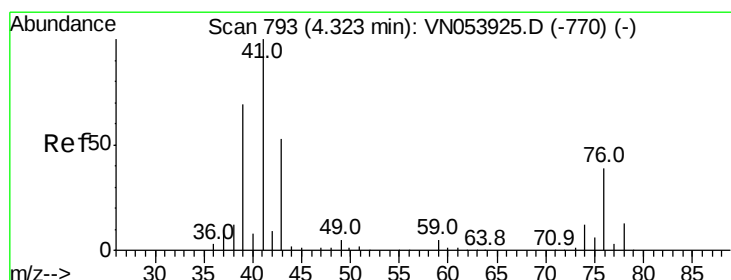
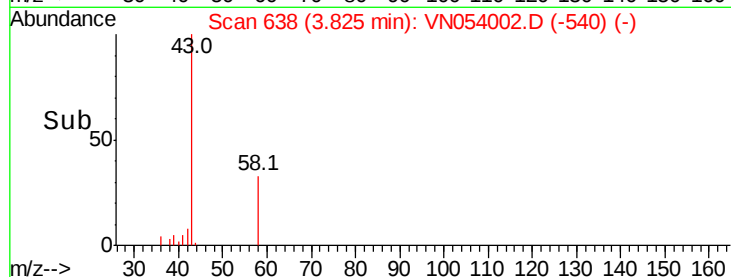
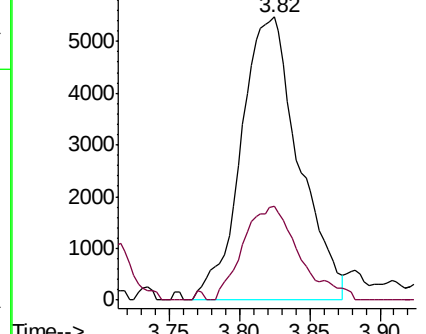
43 100

58 33.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.758 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN054002.D

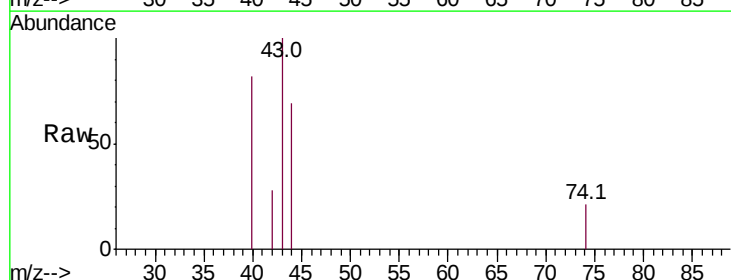
Acq: 28 Feb 2019 14:20

Tgt Ion: 43 Resp: 3567

Ion Ratio Lower Upper

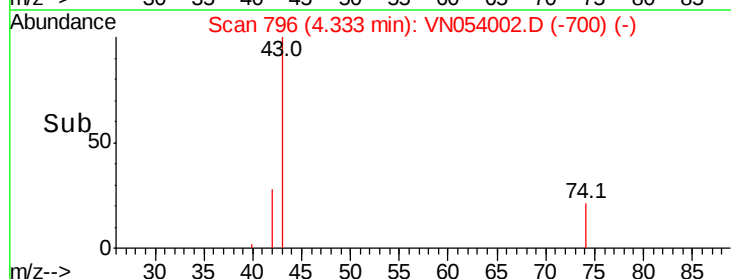
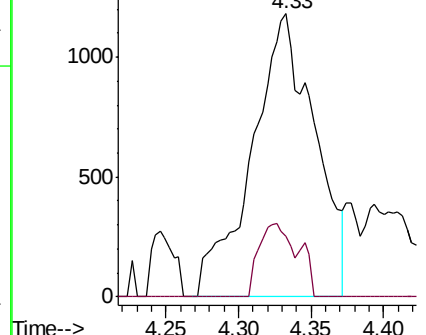
43 100

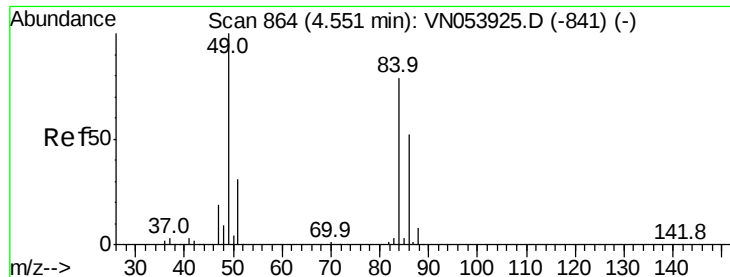
74 13.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

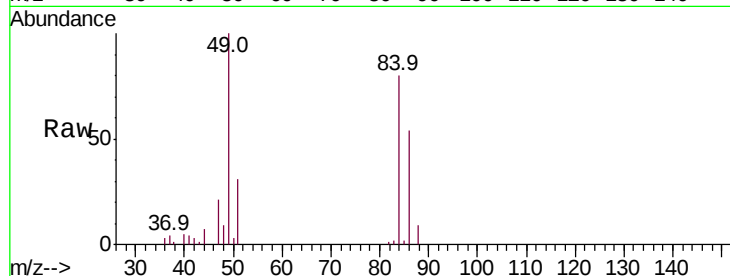




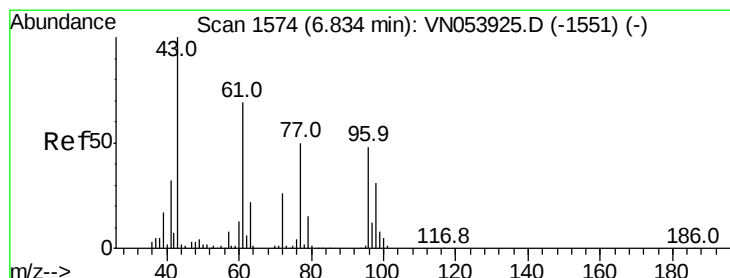
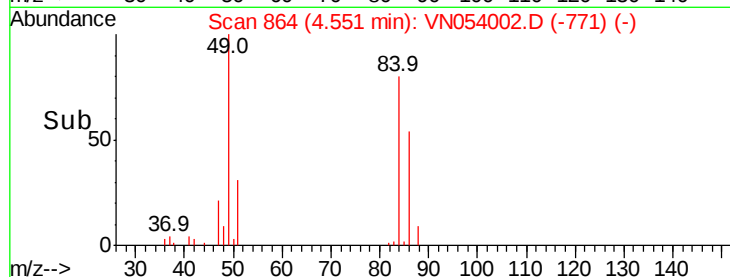
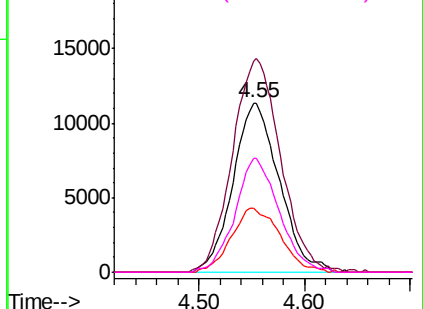
#20
Methvlene Chloride
Concen: 5.177 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 84 Resp: 34500
Ion Ratio Lower Upper
84 100
49 124.3 89.7 134.5
51 38.1 27.8 41.8
86 66.9 51.3 76.9

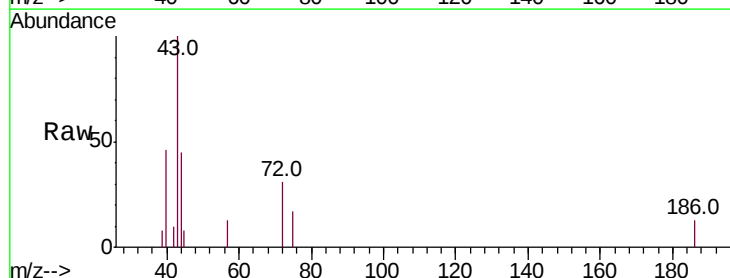


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

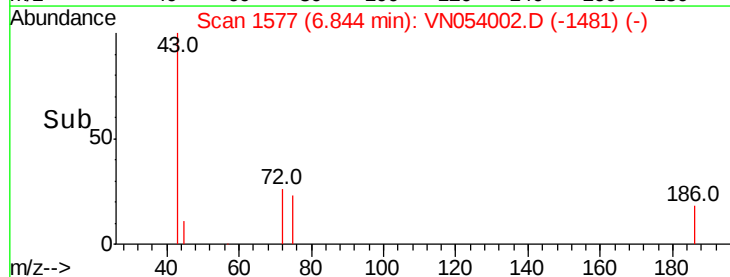
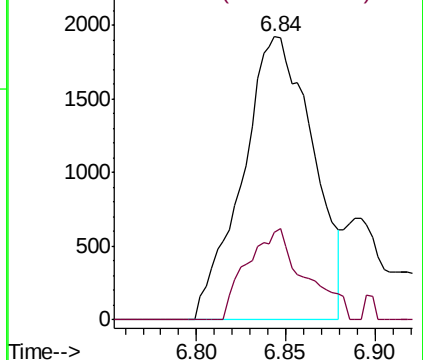


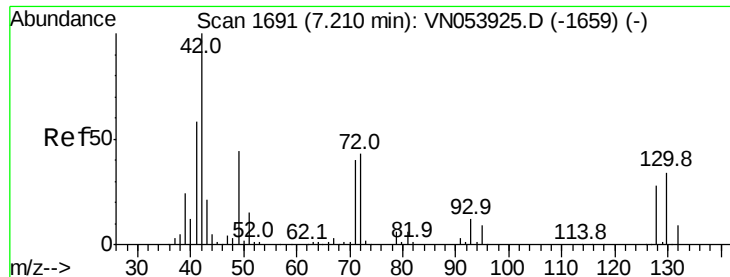
#25
2-Butanone
Concen: 2.003 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Tgt Ion: 43 Resp: 5296
Ion Ratio Lower Upper
43 100
72 30.8 22.1 33.1



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





#29

Tetrahydrofuran

Concen: 1.032 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.02 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

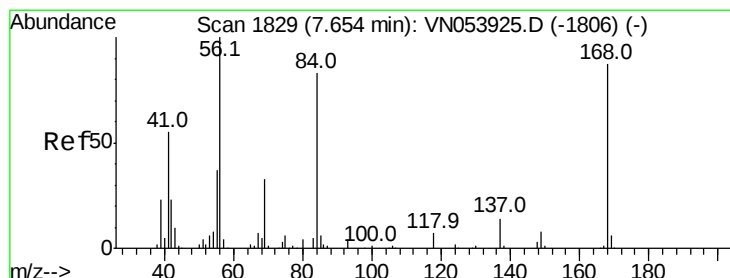
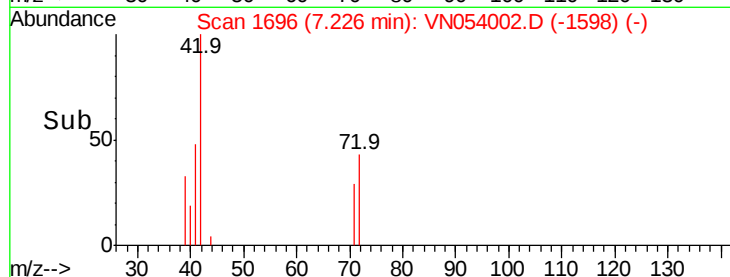
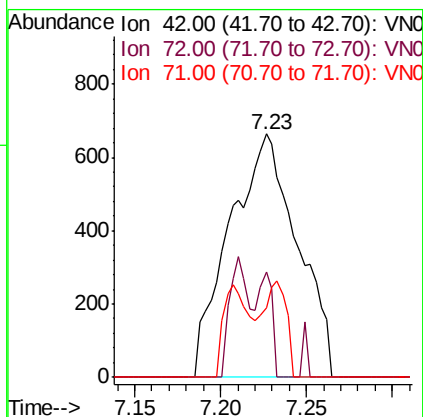
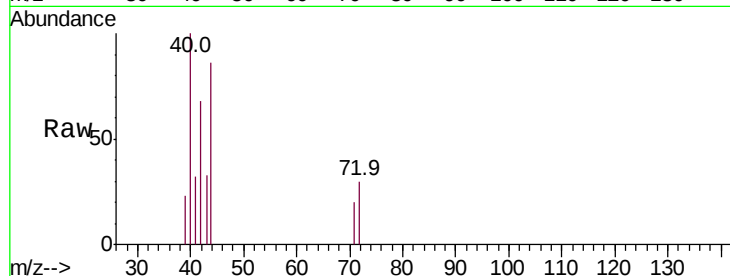
Tot Ion: 42 Resp: 1817

Ion Ratio Lower Upper

42 100

72 8.3 36.9 55.3#

71 13.4 34.6 52.0#



#31

Cyclohexane

Concen: 0.533 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

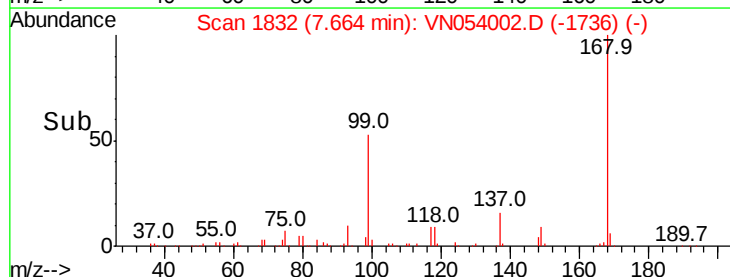
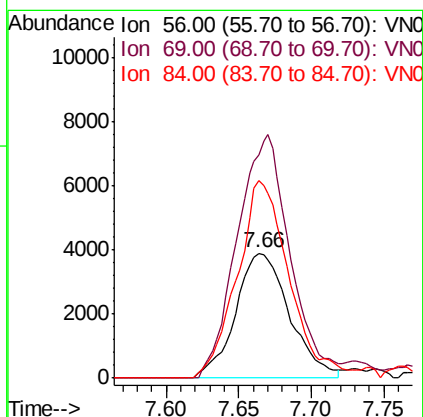
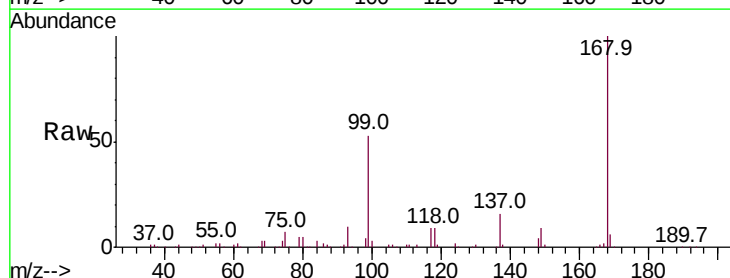
Tgt Ion: 56 Resp: 10101

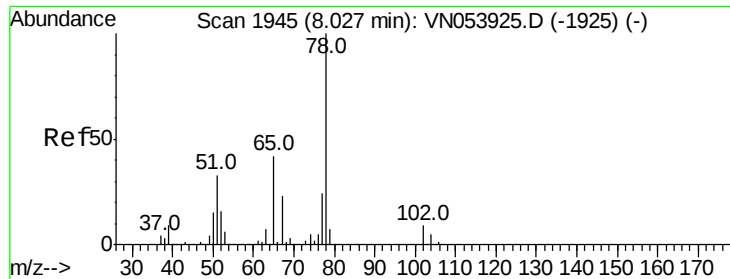
Ion Ratio Lower Upper

56 100

69 179.5 26.0 39.0#

84 158.8 69.1 103.7#

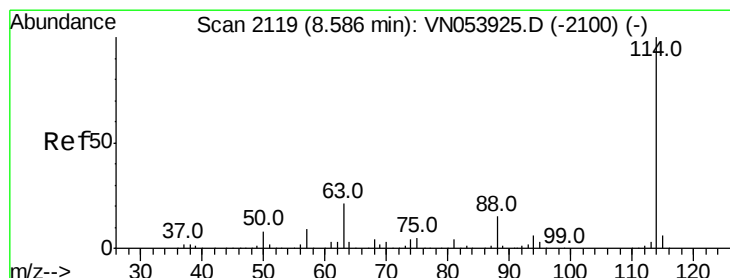
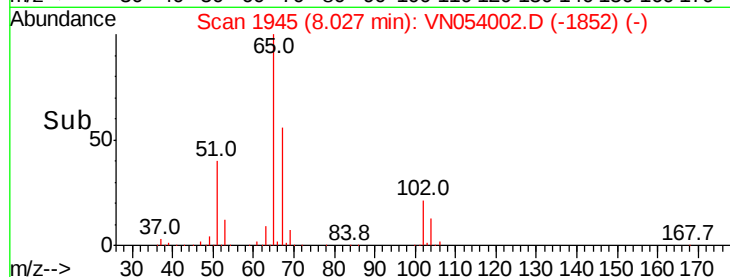
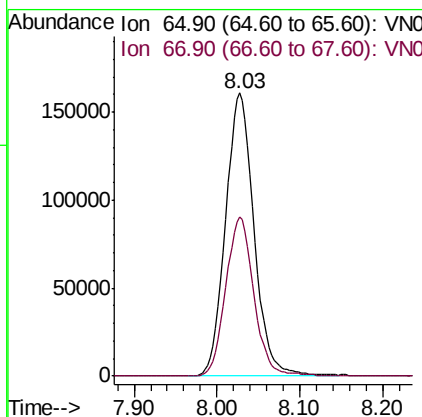
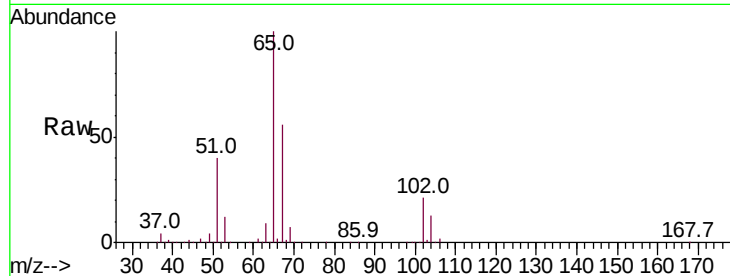




#33
 1,2-Dichloroethane-d4
 Concen: 57.216 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

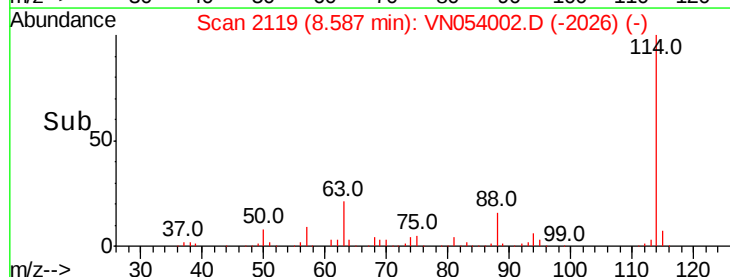
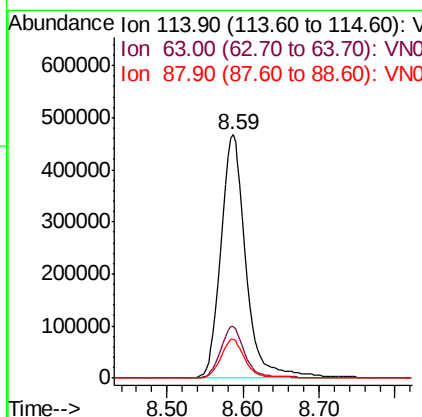
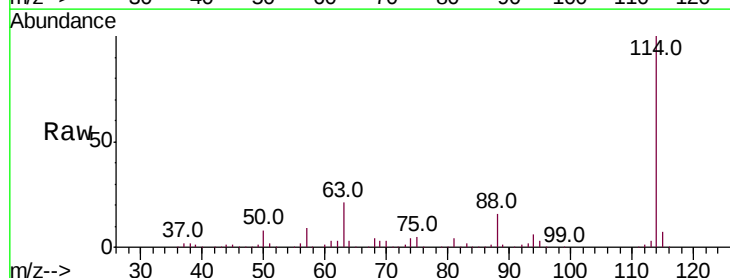
Instrument :
 MSVOA_N
 ClientSampleId :

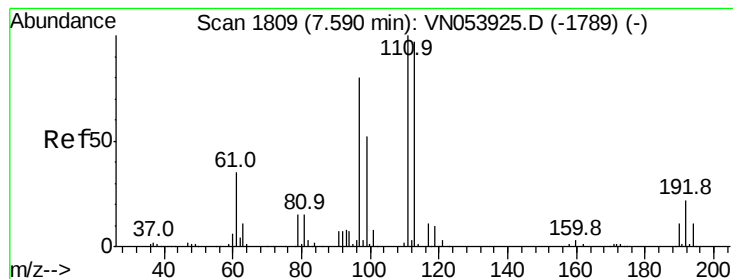
Tot Ion: 65 Resp: 385224
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

Tgt Ion: 114 Resp: 1071256
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

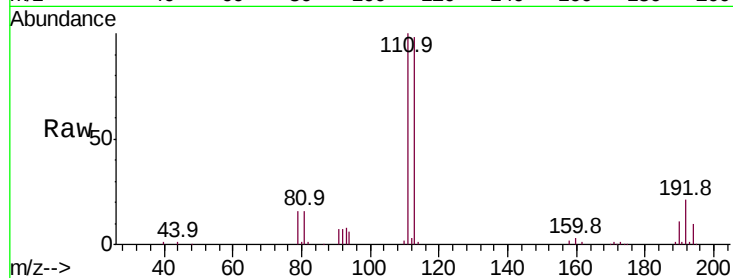
Tot Ion:113 Resp: 351762

Ion Ratio Lower Upper

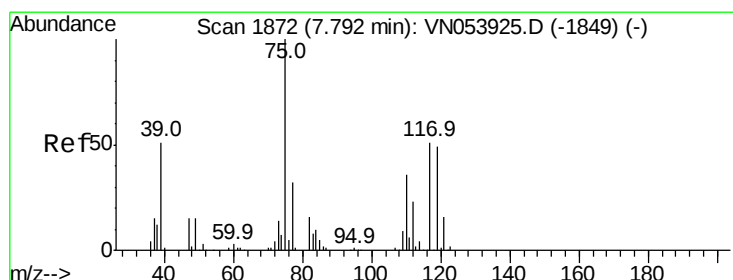
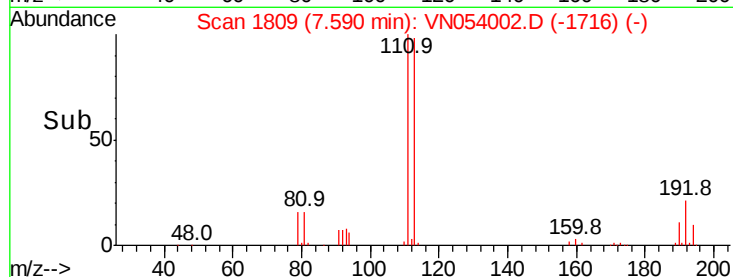
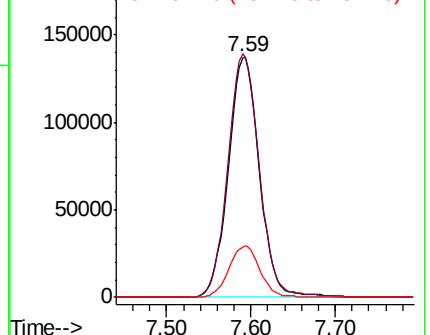
113 100

111 102.5 81.1 121.7

192 21.4 18.8 28.2



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: 4.197 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

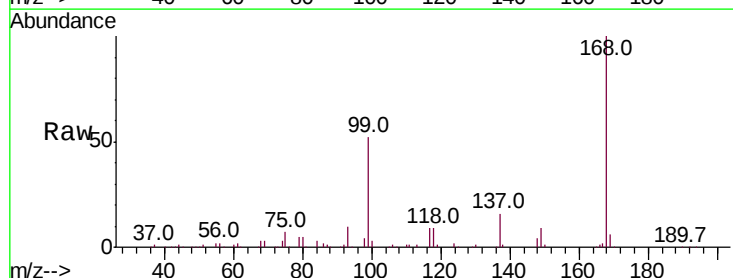
Tgt Ion: 75 Resp: 41815

Ion Ratio Lower Upper

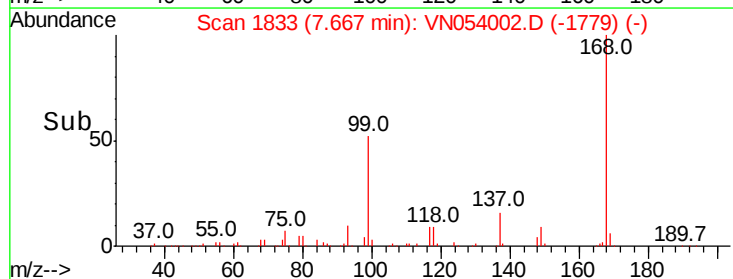
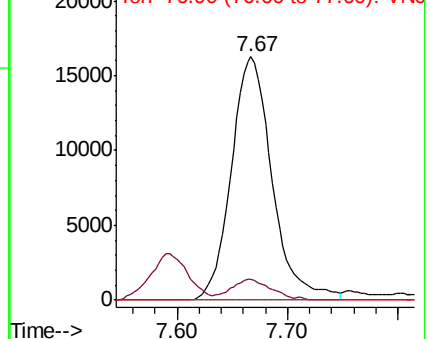
75 100

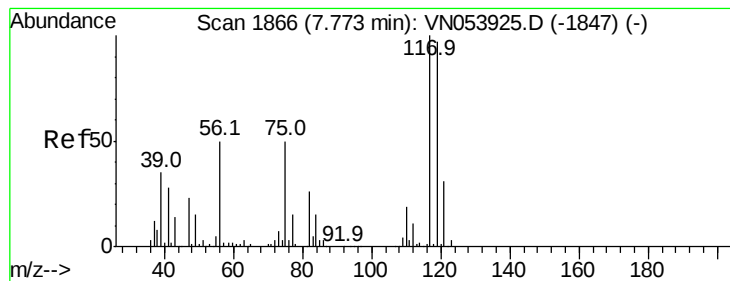
110 6.9 19.0 57.0#

77 0.0 25.4 38.0#



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: 4.822 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

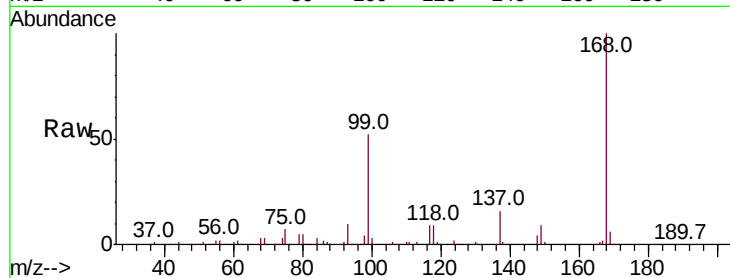
Tot Ion:117 Resp: 49965

Ion Ratio Lower Upper

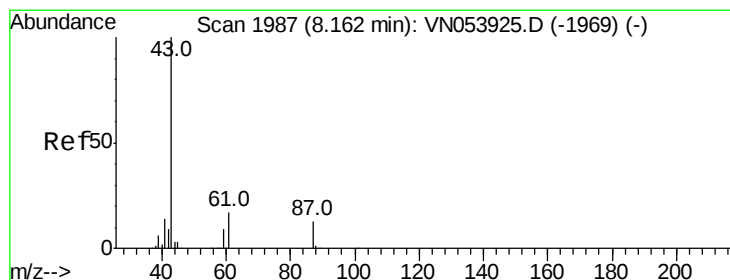
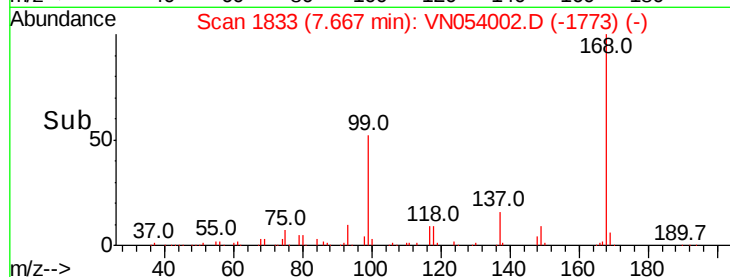
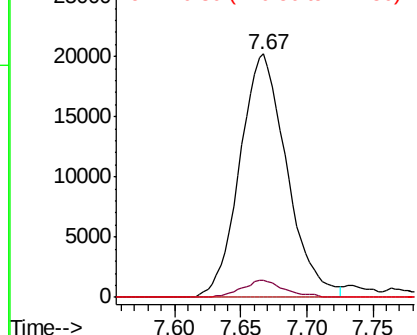
117 100

119 6.8 76.2 114.2#

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: 3.289 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

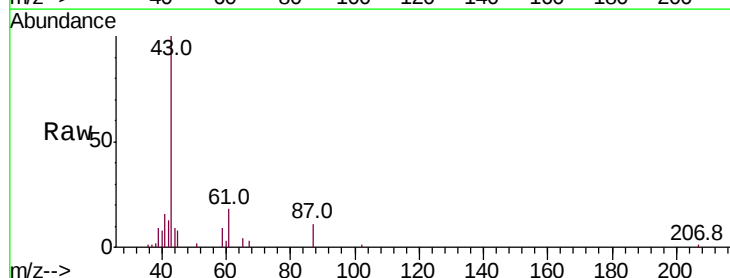
Tgt Ion: 43 Resp: 39503

Ion Ratio Lower Upper

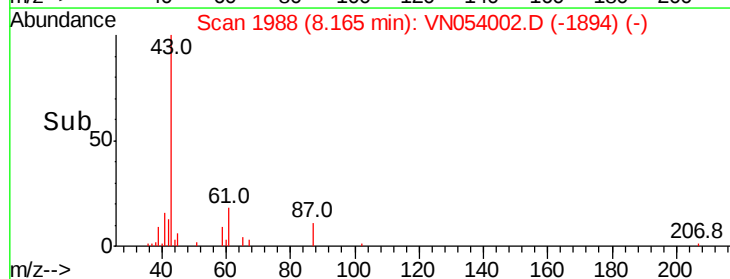
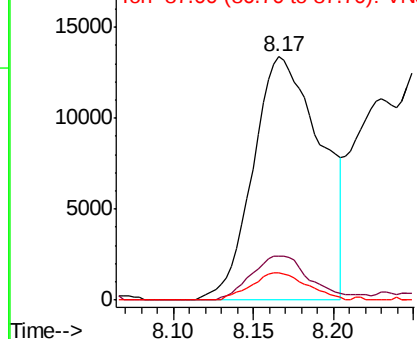
43 100

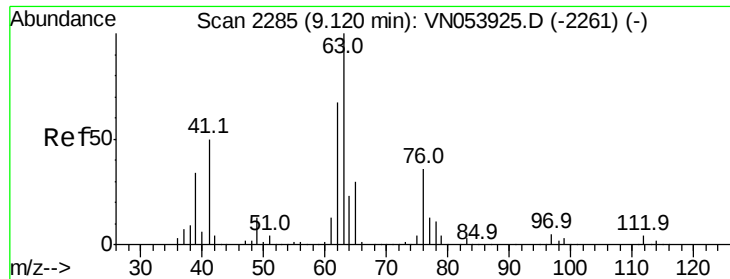
61 15.5 17.4 26.0#

87 9.2 11.5 17.3#



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

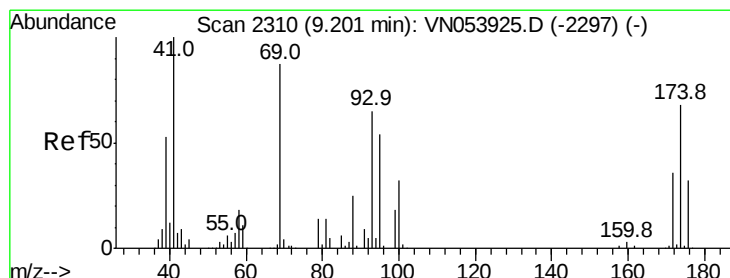
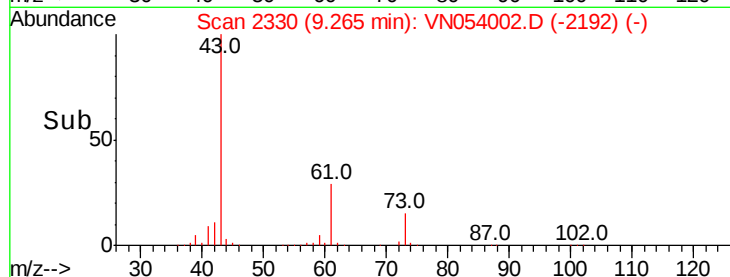
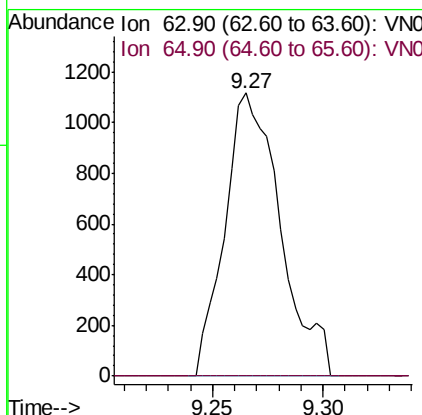
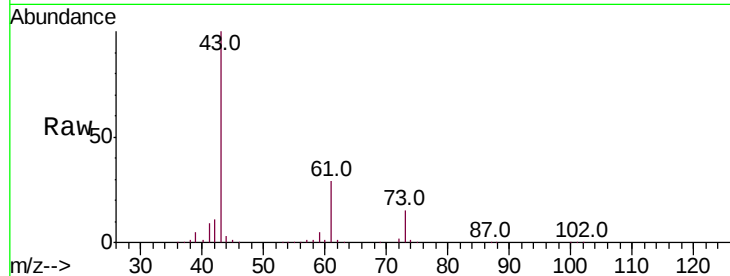




#45
 1,2-Dichloropropane
 Concen: 0.237 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.14 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

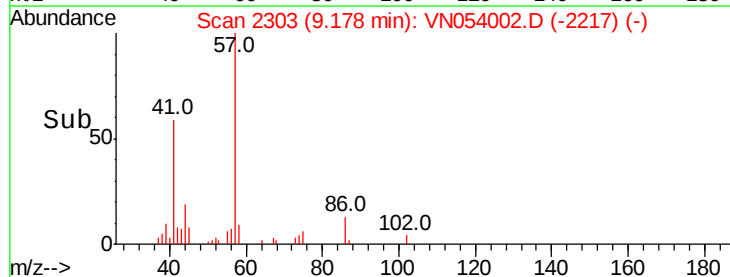
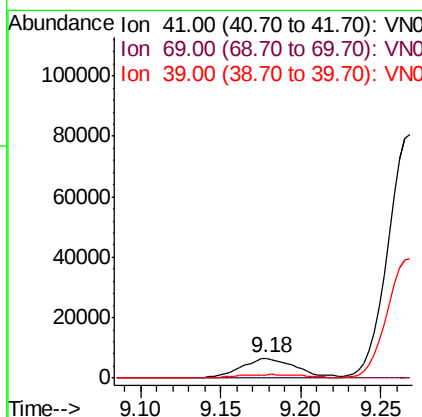
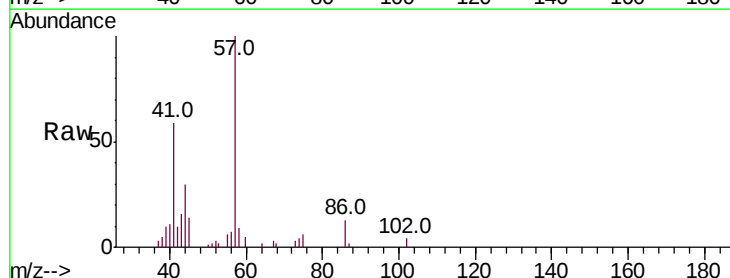
Instrument :
 MSVOA_N
 ClientSampleId :

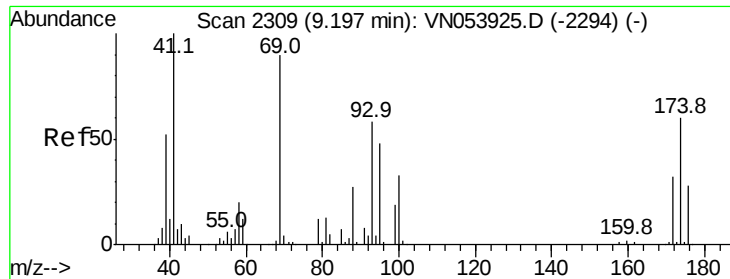
Tot Ion: 63 Resp: 1958
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.3 36.5#



#48
 Methyl methacrylate
 Concen: 2.828 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

Tgt Ion: 41 Resp: 15625
 Ion Ratio Lower Upper
 41 100
 69 0.0 74.8 112.2#
 39 0.0 39.0 58.6#





#49

1,4-Dioxane

Concen: 0.815 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampleId :

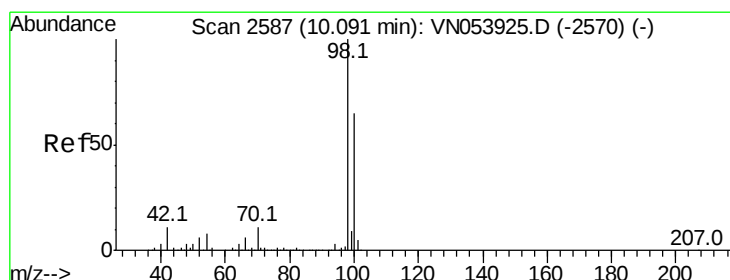
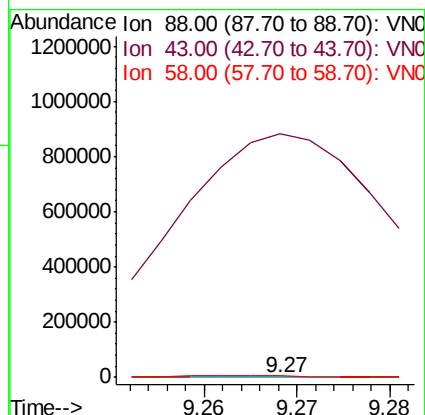
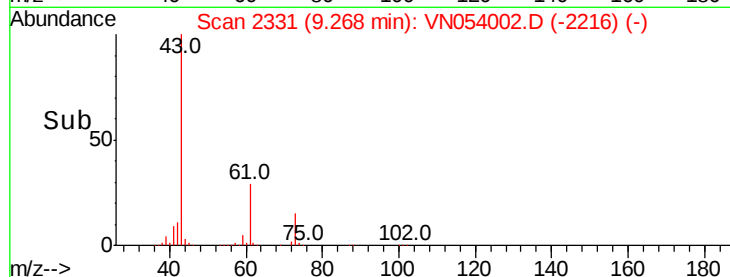
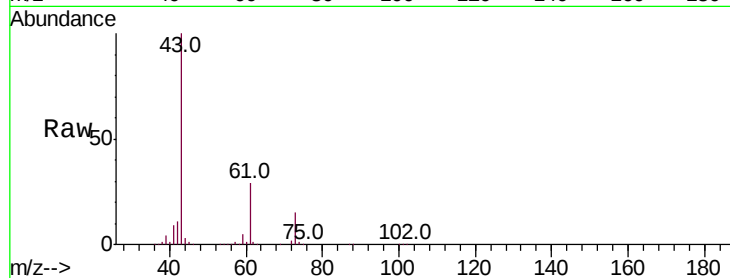
Tot Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 2970629.5 21.2 31.8#

58 15603.3 54.2 81.2#



#50

Toluene-d8

Concen: 53.534 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054002.D

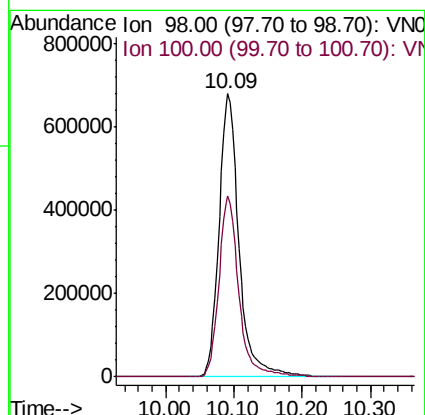
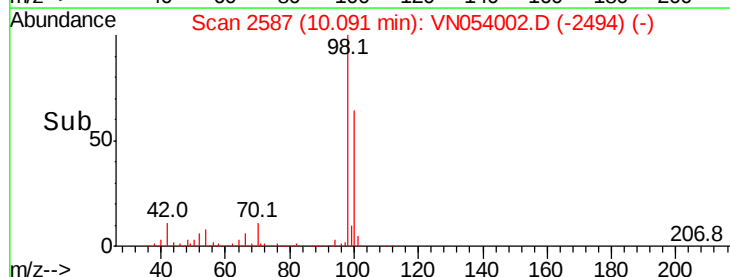
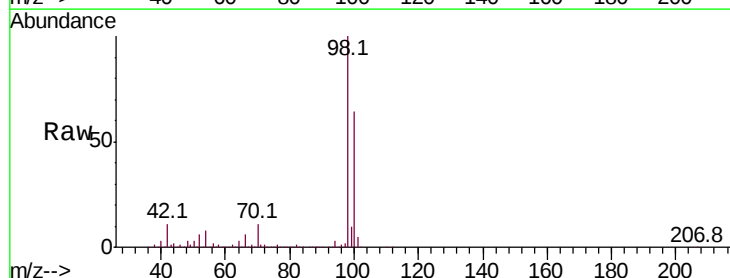
Acq: 28 Feb 2019 14:20

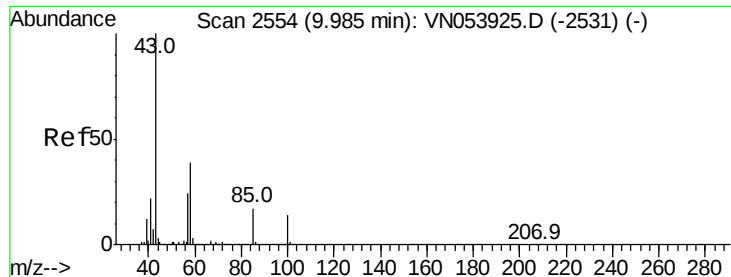
Tgt Ion: 98 Resp: 1380519

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 1.690 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

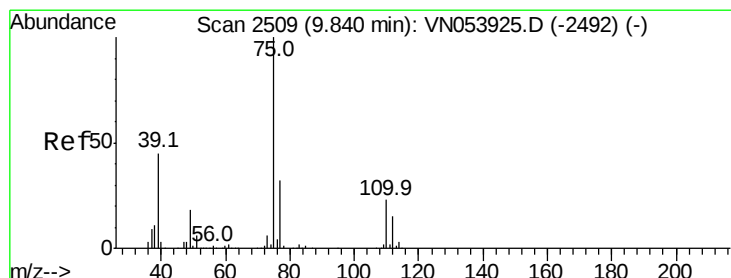
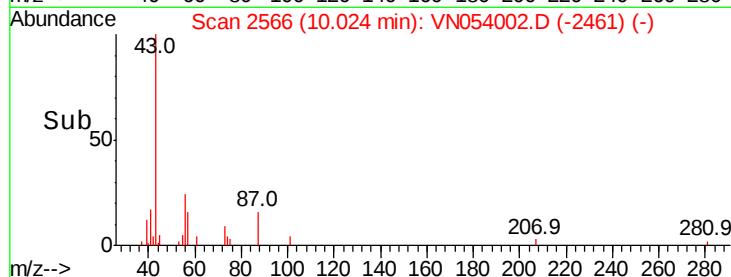
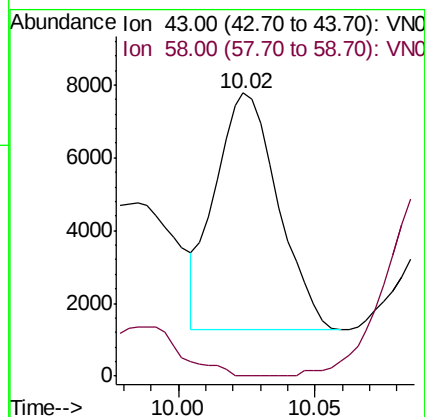
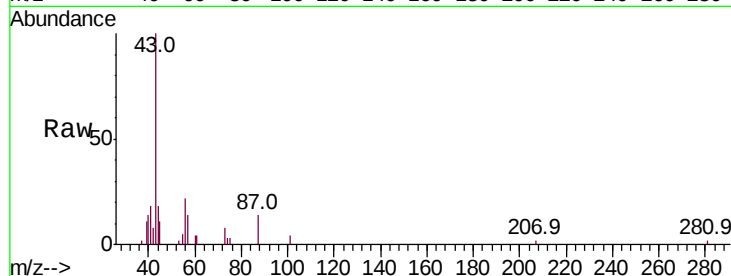
ClientSampled :

Tot Ion: 43 Resp: 10430

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#54

cis-1,3-Dichloropropene

Concen: 6.432 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

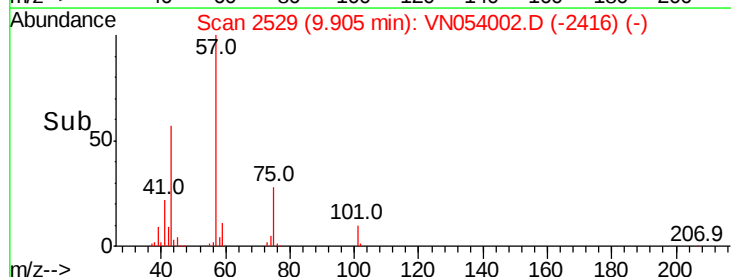
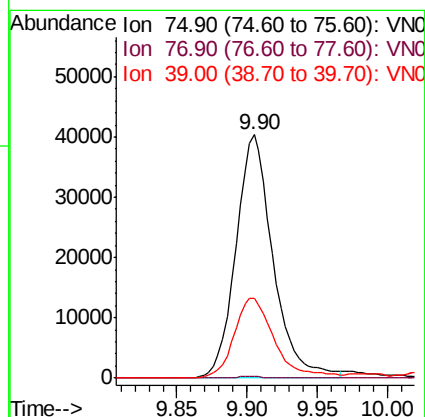
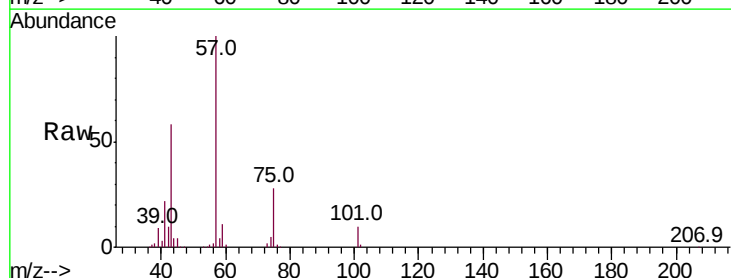
Tgt Ion: 75 Resp: 74536

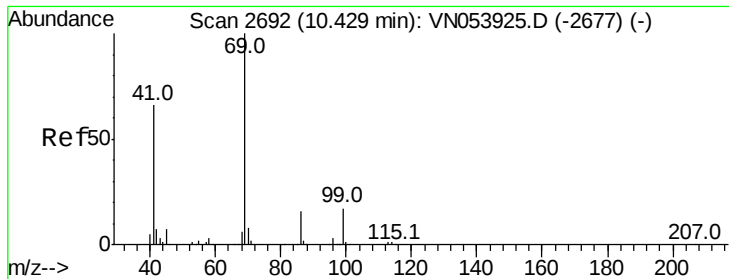
Ion Ratio Lower Upper

75 100

77 0.7 25.8 38.6#

39 32.6 31.4 47.0





#56

Ethyl methacrylate

Concen: 1.966 ug/l

RT: 10.32 min Scan# 2659

Delta R.T. -0.11 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

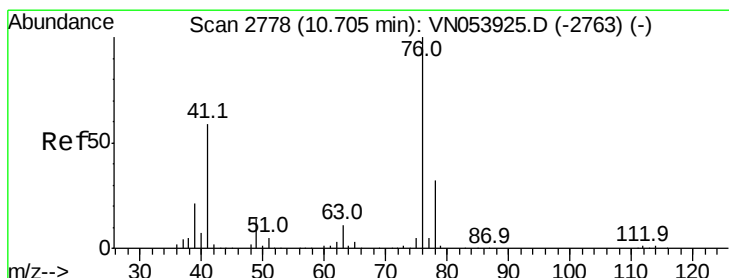
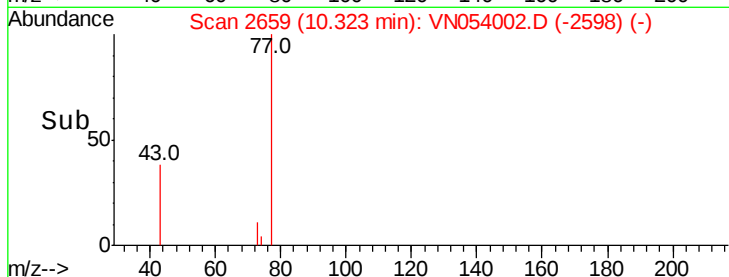
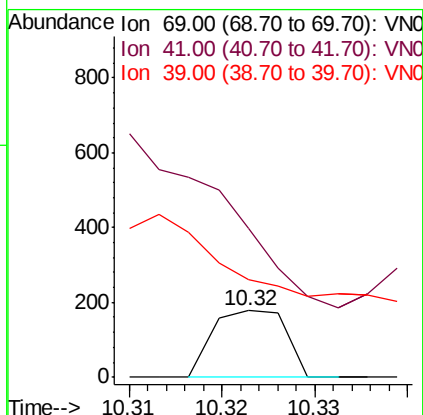
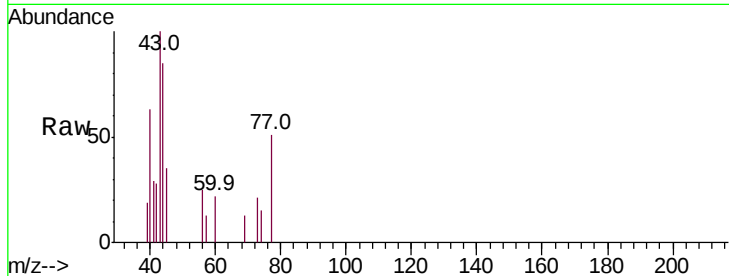
Tot Ion: 69 Resp: 98

Ion Ratio Lower Upper

69 100

41 0.0 47.5 71.3#

39 0.0 23.4 35.0#



#57

1,3-Dichloropropane

Concen: 1.205 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN054002.D

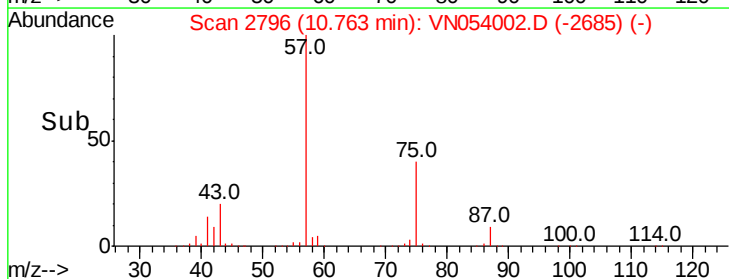
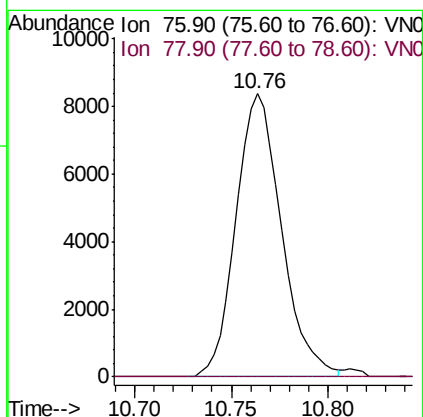
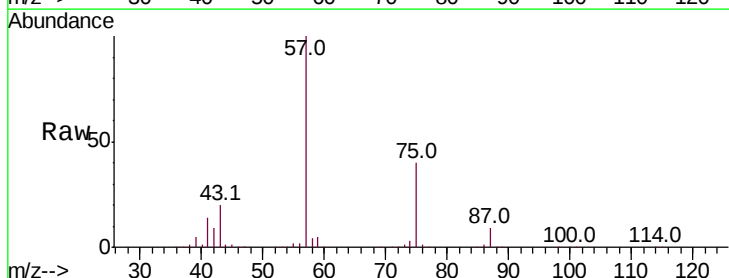
Acq: 28 Feb 2019 14:20

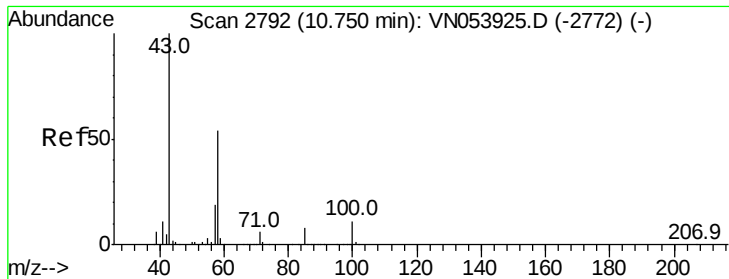
Tgt Ion: 76 Resp: 13702

Ion Ratio Lower Upper

76 100

78 0.0 25.2 37.8#





#59

2-Hexanone

Concen: 51.704 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

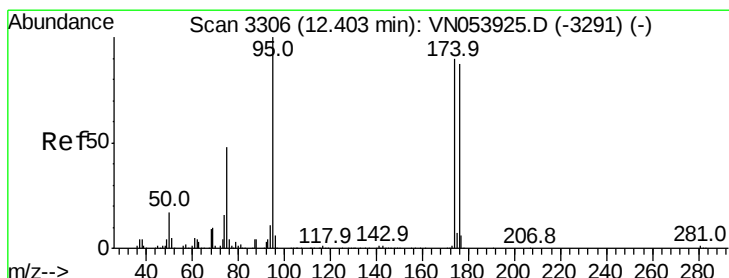
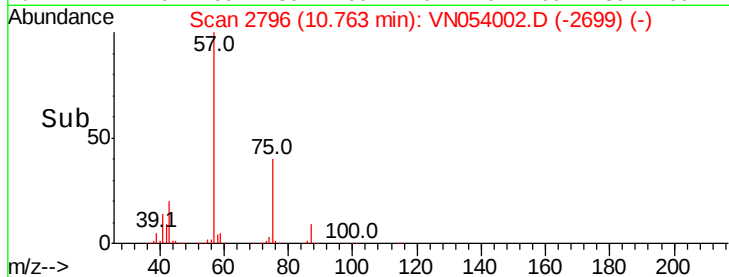
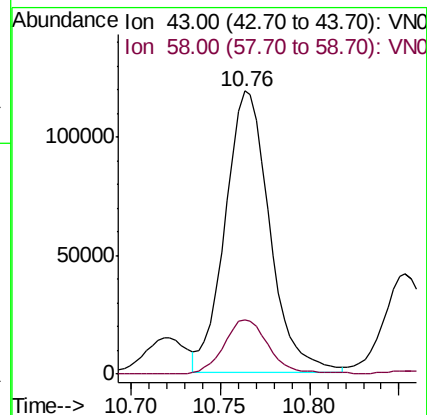
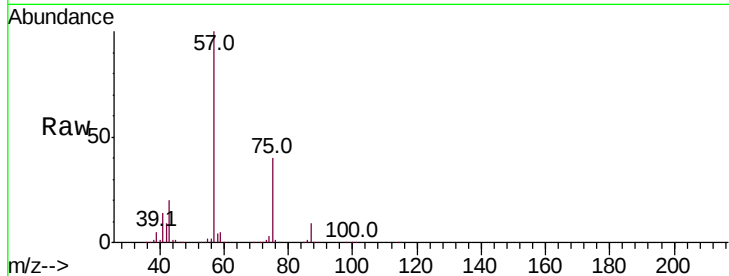
ClientSampleId :

Tot Ion: 43 Resp: 207541

Ion Ratio Lower Upper

43 100

58 19.6 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 52.500 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

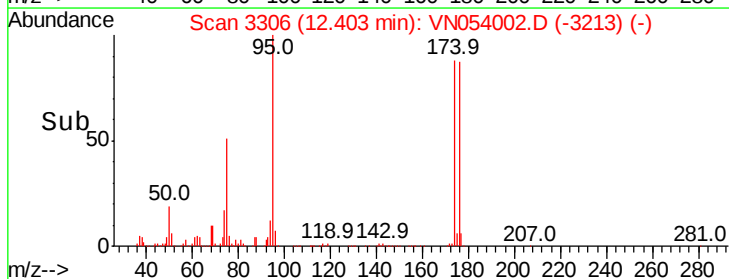
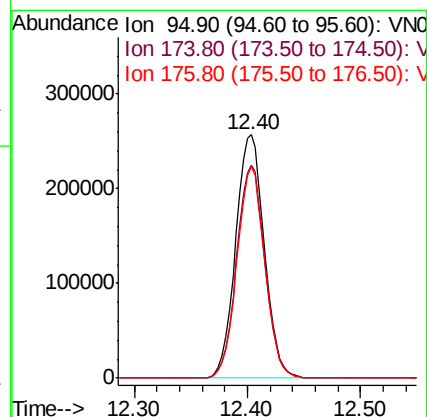
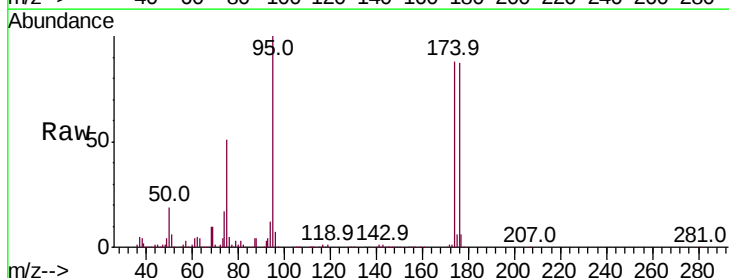
Tgt Ion: 95 Resp: 451059

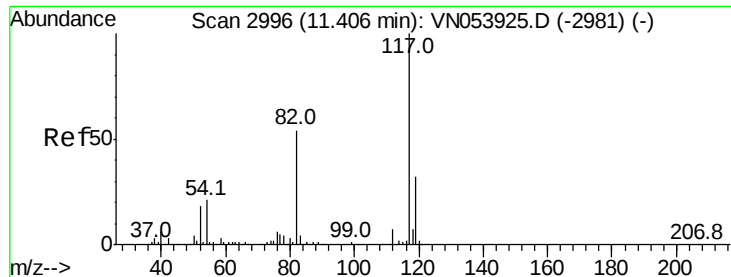
Ion Ratio Lower Upper

95 100

174 86.9 0.0 188.8

176 84.6 0.0 182.6

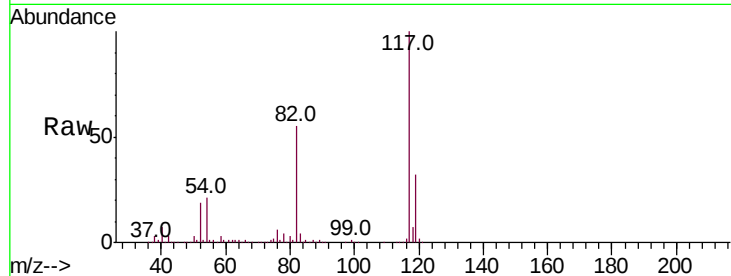




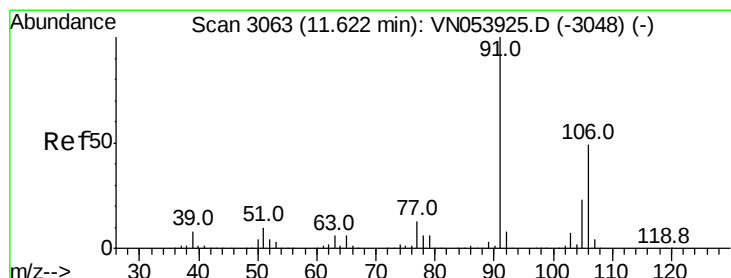
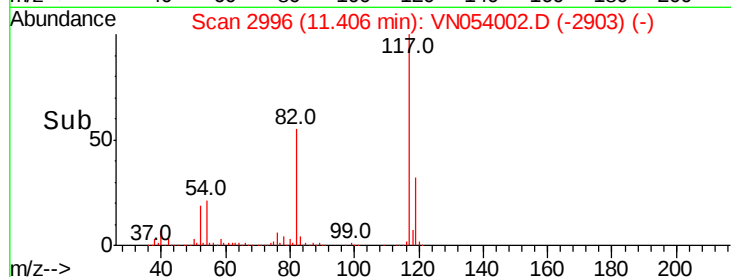
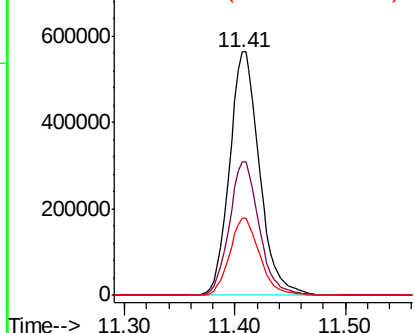
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 1058382
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.6 25.3 37.9

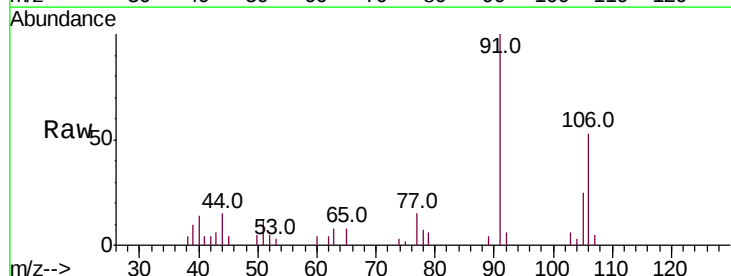


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

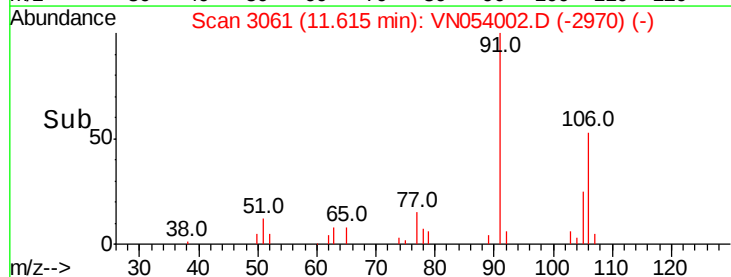
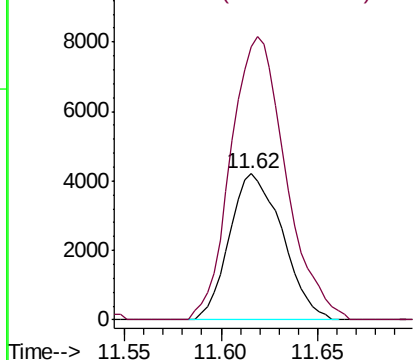


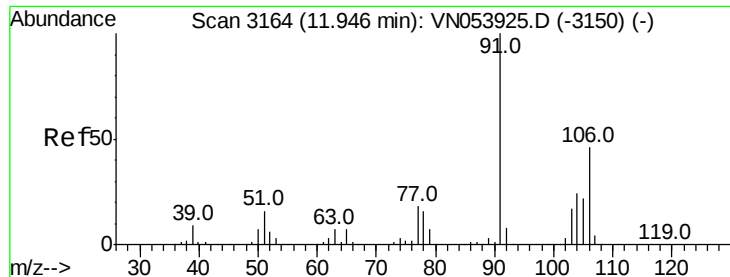
#68
m/p-Xylenes
Concen: 0.567 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Tgt Ion:106 Resp: 8015
Ion Ratio Lower Upper
106 100
91 200.8 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

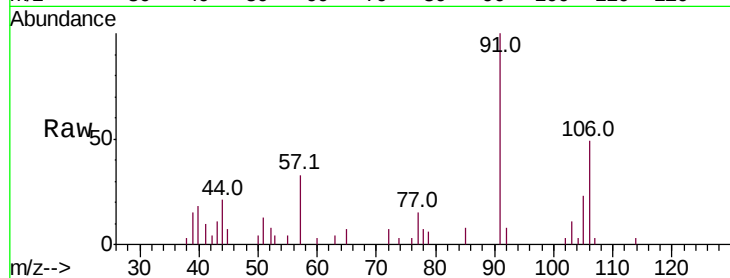




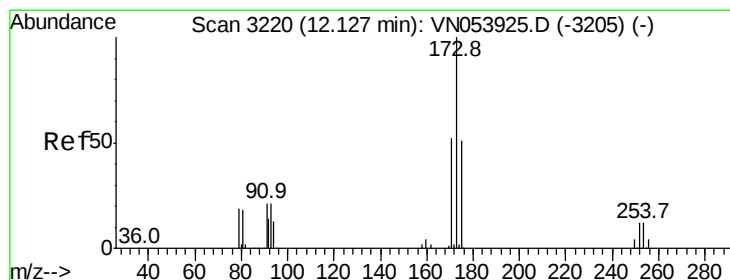
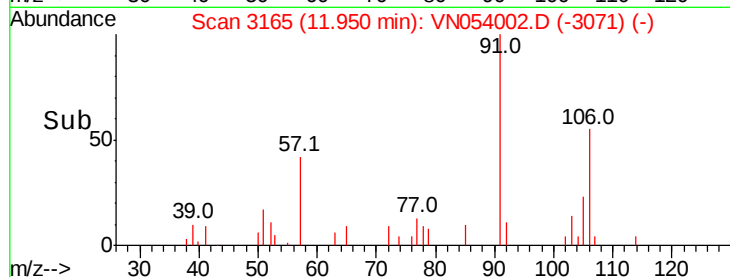
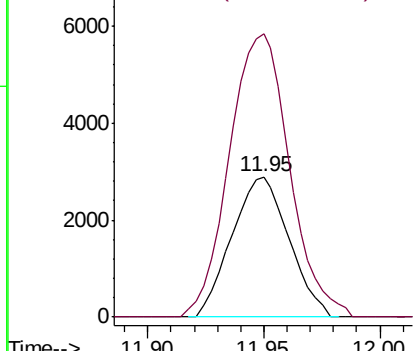
#69
o-Xylene
Concen: 0.356 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 4944
Ion Ratio Lower Upper
106 100
91 213.1 106.0 318.0

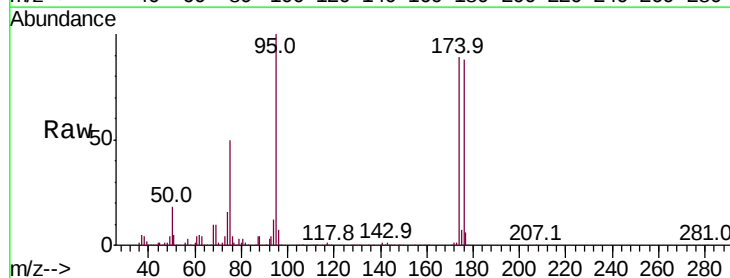


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

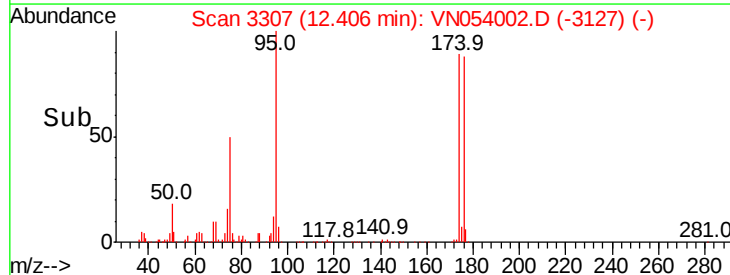
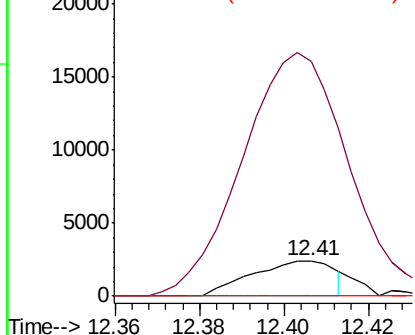


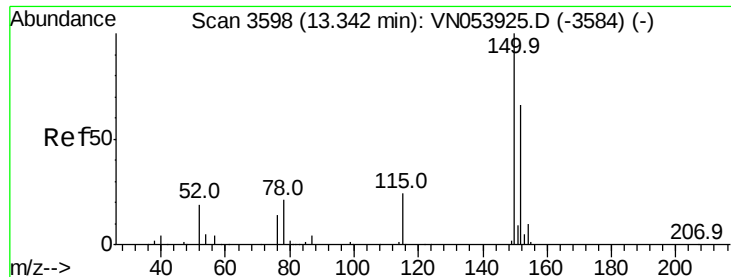
#71
Bromoform
Concen: 0.588 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN054002.D
Acq: 28 Feb 2019 14:20

Tgt Ion:173 Resp: 3294
Ion Ratio Lower Upper
173 100
175 748.2 24.3 72.8#
254 0.0 0.2 0.2#



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: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

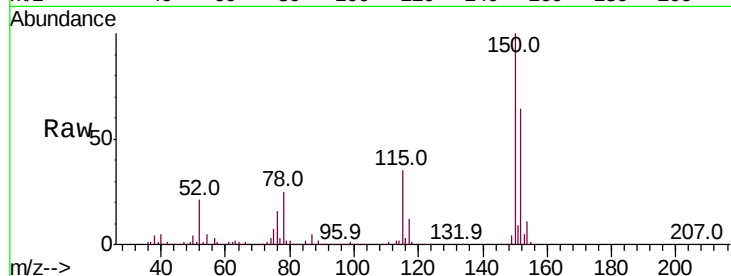
Tot Ion:152 Resp: 392397

Ion Ratio Lower Upper

152 100

115 56.9 27.2 81.6

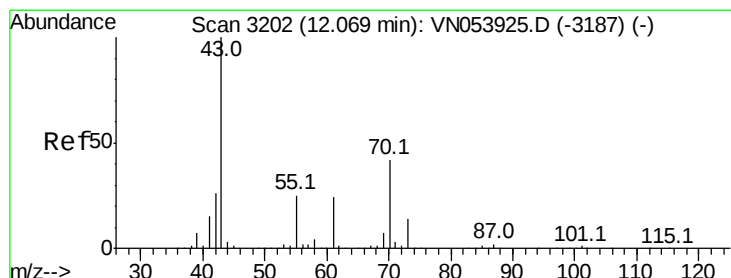
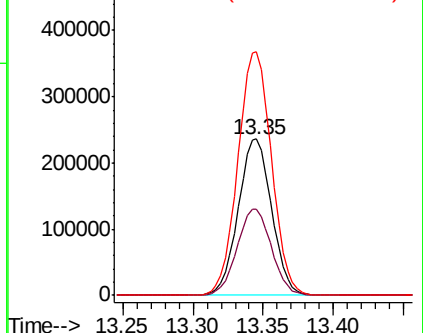
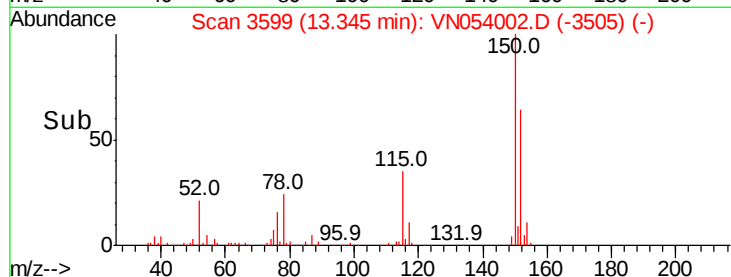
150 156.8 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 0.324 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Tgt Ion: 43 Resp: 2594

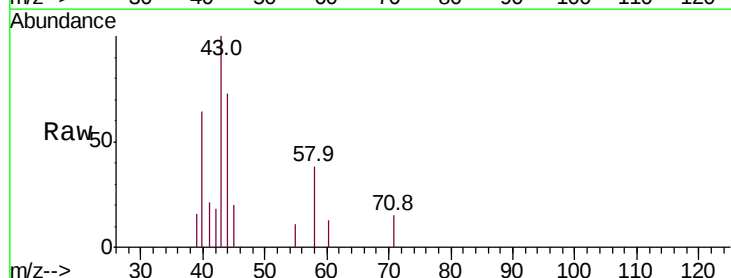
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.2#

55 3.9 21.4 32.0#

61 0.0 20.9 31.3#

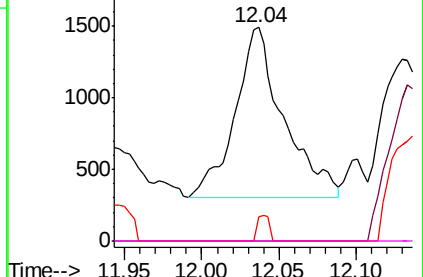
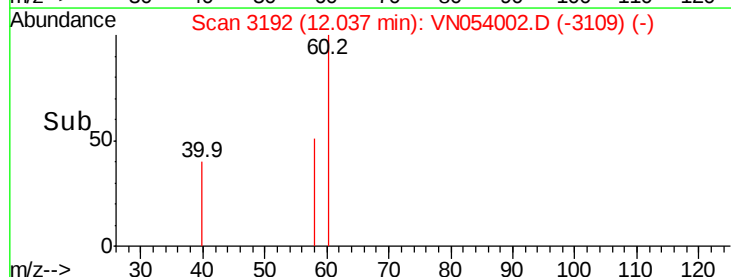


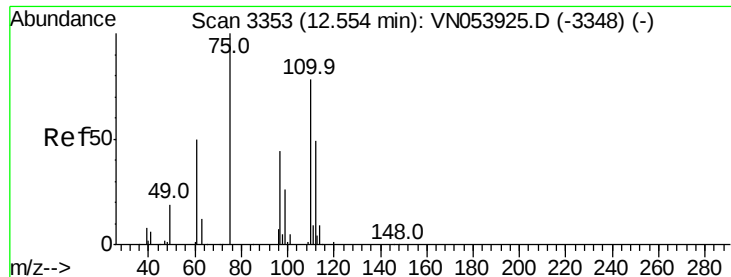
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 35.769 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

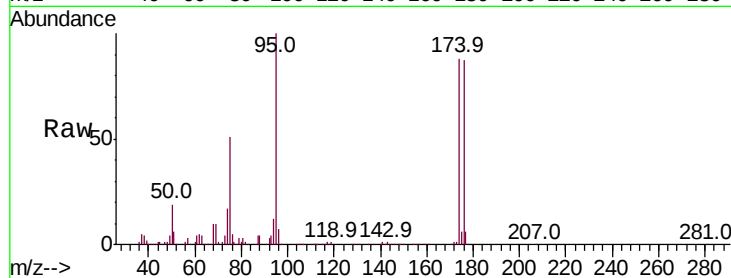
ClientSampled :

Tot Ion: 75 Resp: 225158

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053925.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN053925.D (-3348) (-)

12.40

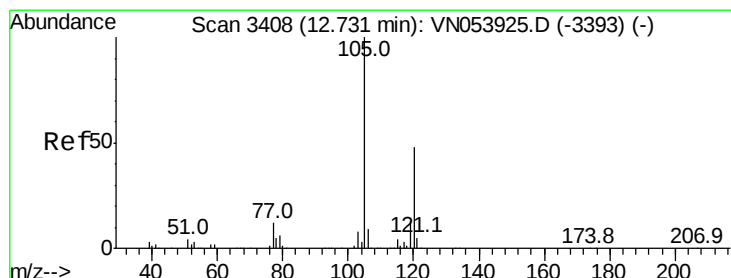
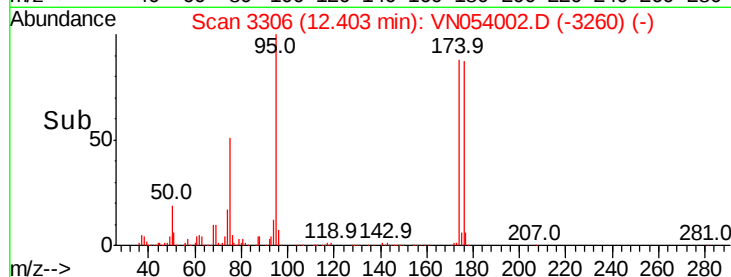
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.695 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN054002.D

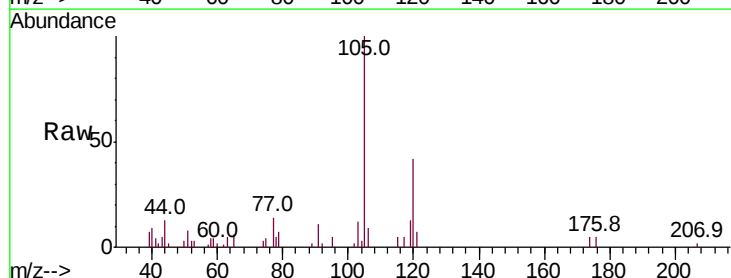
Acq: 28 Feb 2019 14:20

Tgt Ion: 105 Resp: 17373

Ion Ratio Lower Upper

105 100

120 44.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053925.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053925.D (-3393) (-)

12.73

12000

10000

8000

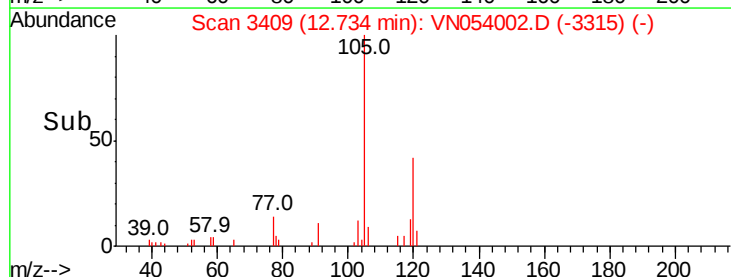
6000

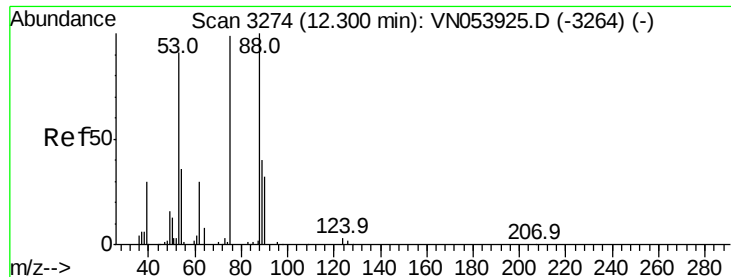
4000

2000

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 113.053 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

ClientSampleId :

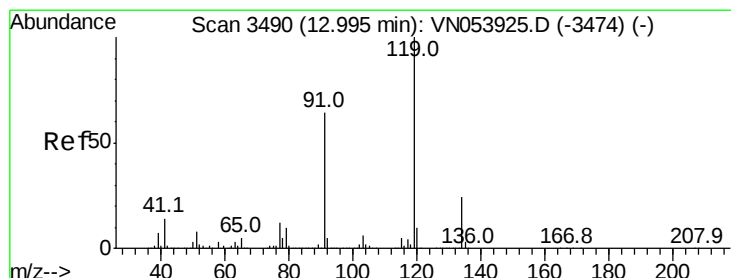
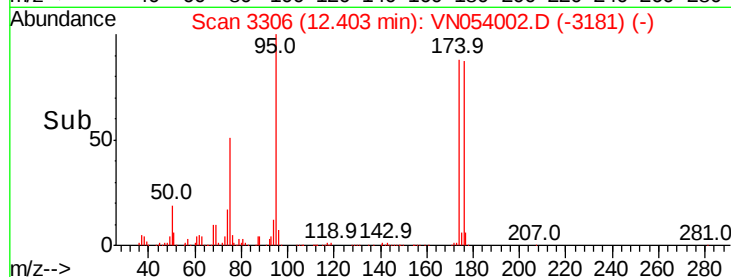
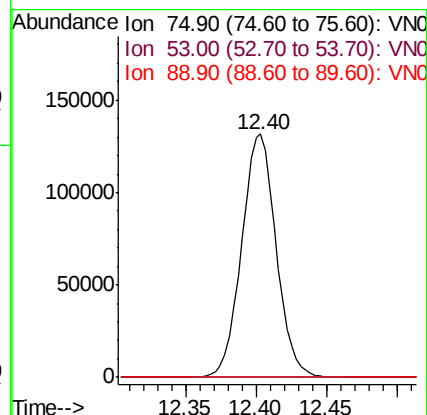
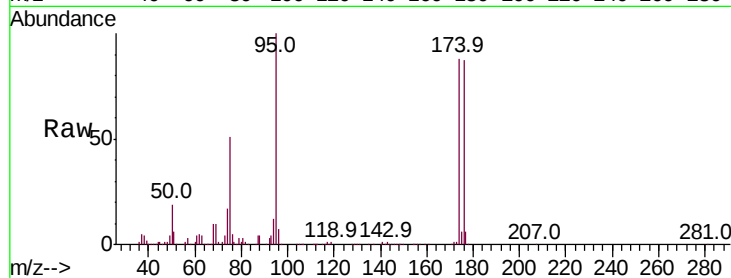
Tot Ion: 75 Resp: 225158

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

89 0.0 35.3 52.9#



#83

tert-Butylbenzene

Concen: 0.392 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.04 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

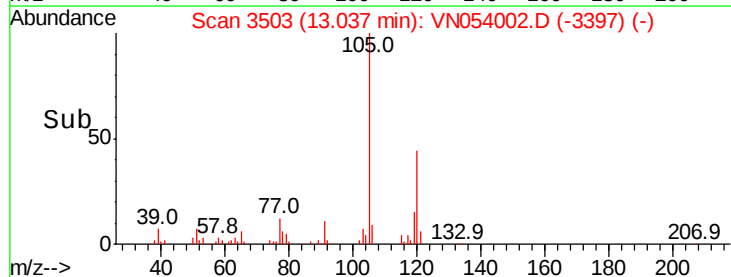
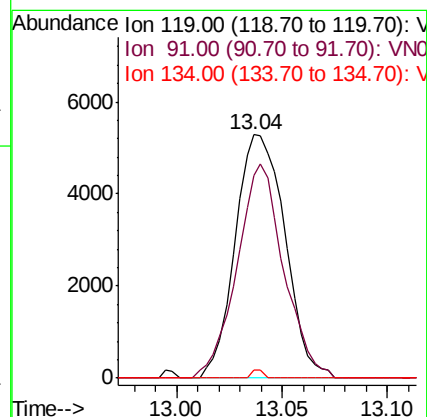
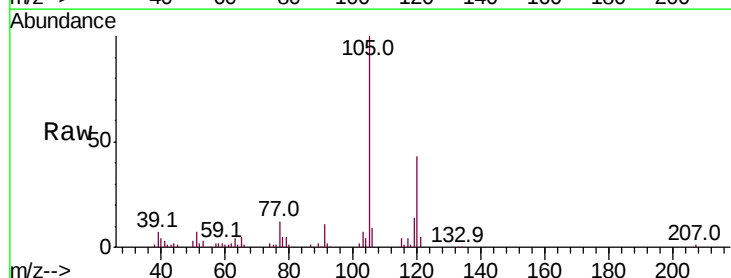
Tgt Ion: 119 Resp: 8661

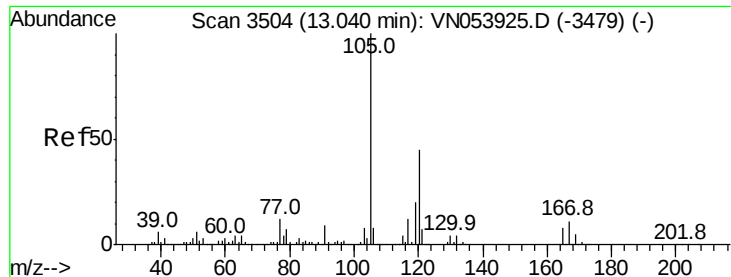
Ion Ratio Lower Upper

119 100

91 82.4 30.6 91.8

134 0.8 13.0 39.0#

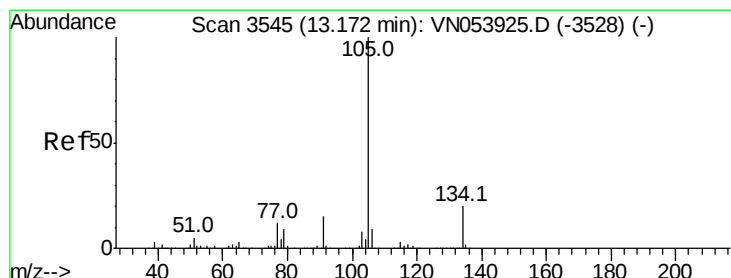
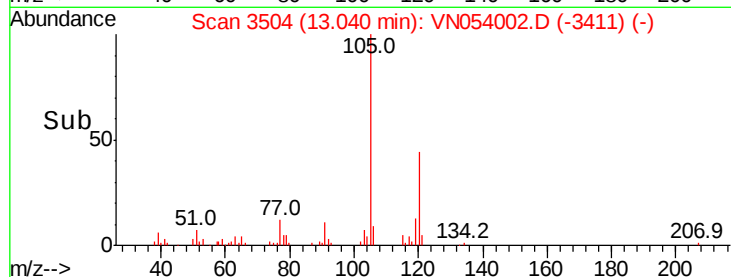
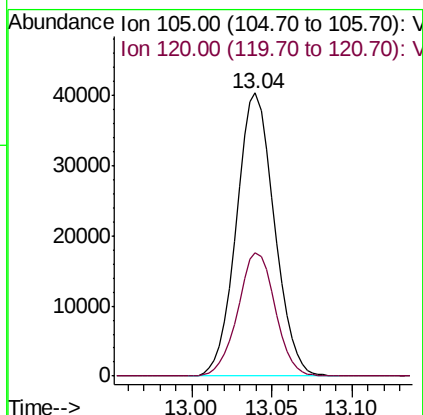
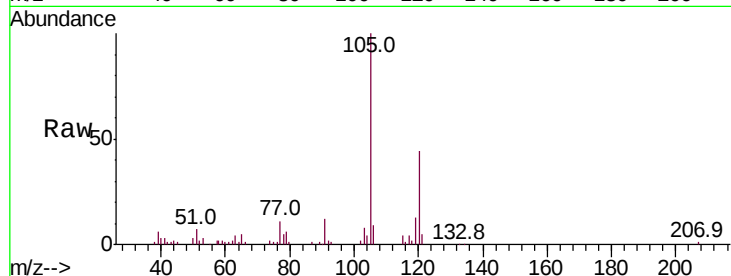




#84
 1,2,4-Trimethylbenzene
 Concen: 2.607 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

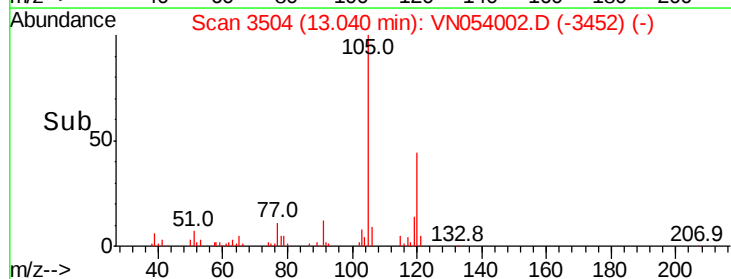
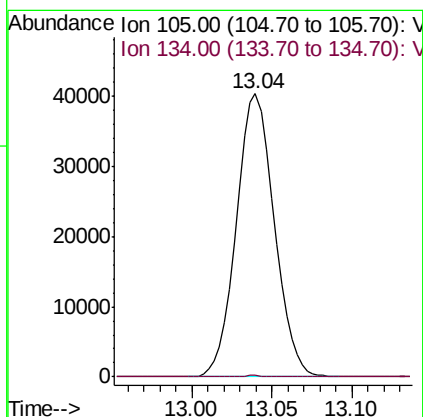
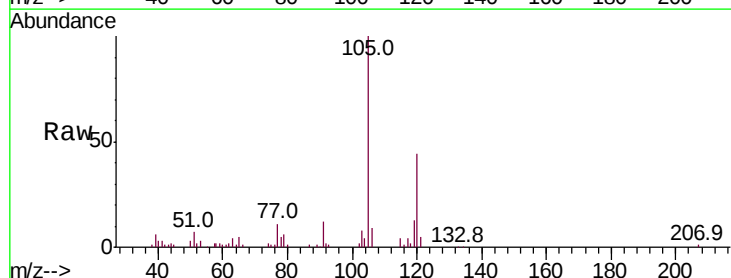
Instrument :
 MSVOA_N
 ClientSampled :

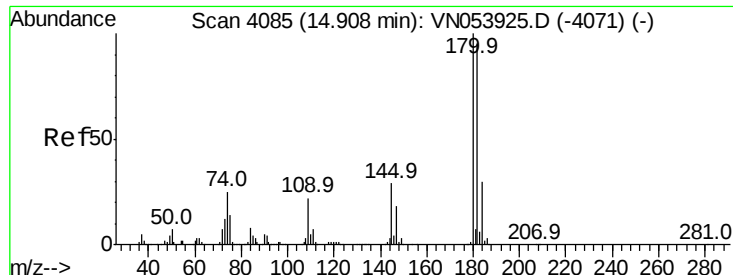
Tot Ion:105 Resp: 65092
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.2 69.5



#85
 sec-Butylbenzene
 Concen: 2.155 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.13 min
 Lab File: VN054002.D
 Acq: 28 Feb 2019 14:20

Tgt Ion:105 Resp: 65092
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.4 31.1#





#93

1,2,4-Trichlorobenzene

Concen: 2.231 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

Instrument :

MSVOA_N

ClientSampled :

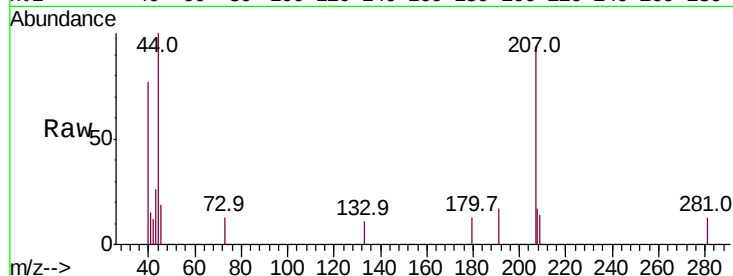
Tot Ion:180 Resp: 64

Ion Ratio Lower Upper

180 100

182 0.0 48.6 145.9#

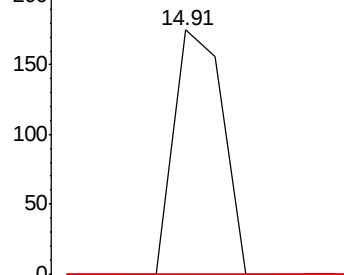
145 0.0 13.8 41.3#



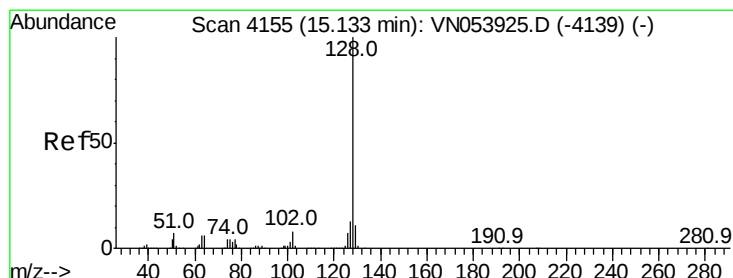
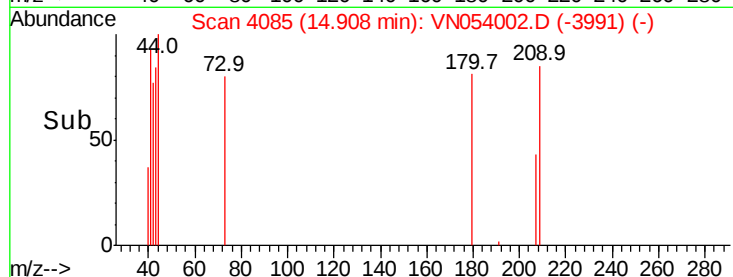
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#95

Naphthalene

Concen: 3.439 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054002.D

Acq: 28 Feb 2019 14:20

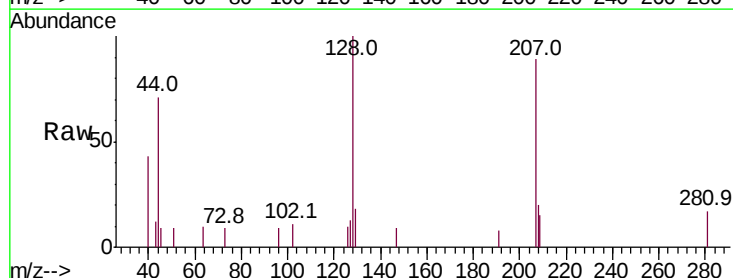
Tgt Ion:128 Resp: 3772

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

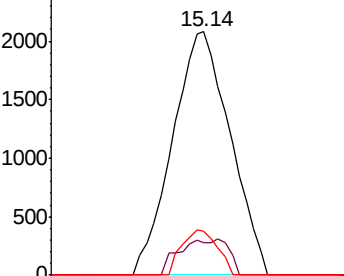
129 11.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->

