

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053982.D
 Acq On : 27 Feb 2019 21:31
 Operator : JC/SP
 Sample : K1353-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 28 00:11:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	629728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1150281	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1119405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	426492	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	412540	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
35) Dibromofluoromethane	7.59	113	371358	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	10.09	98	1467206	52.99	ug/l	0.00
Spiked Amount			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.40	95	493006	53.44	ug/l	0.00
Spiked Amount			Recovery	=	106.88%	

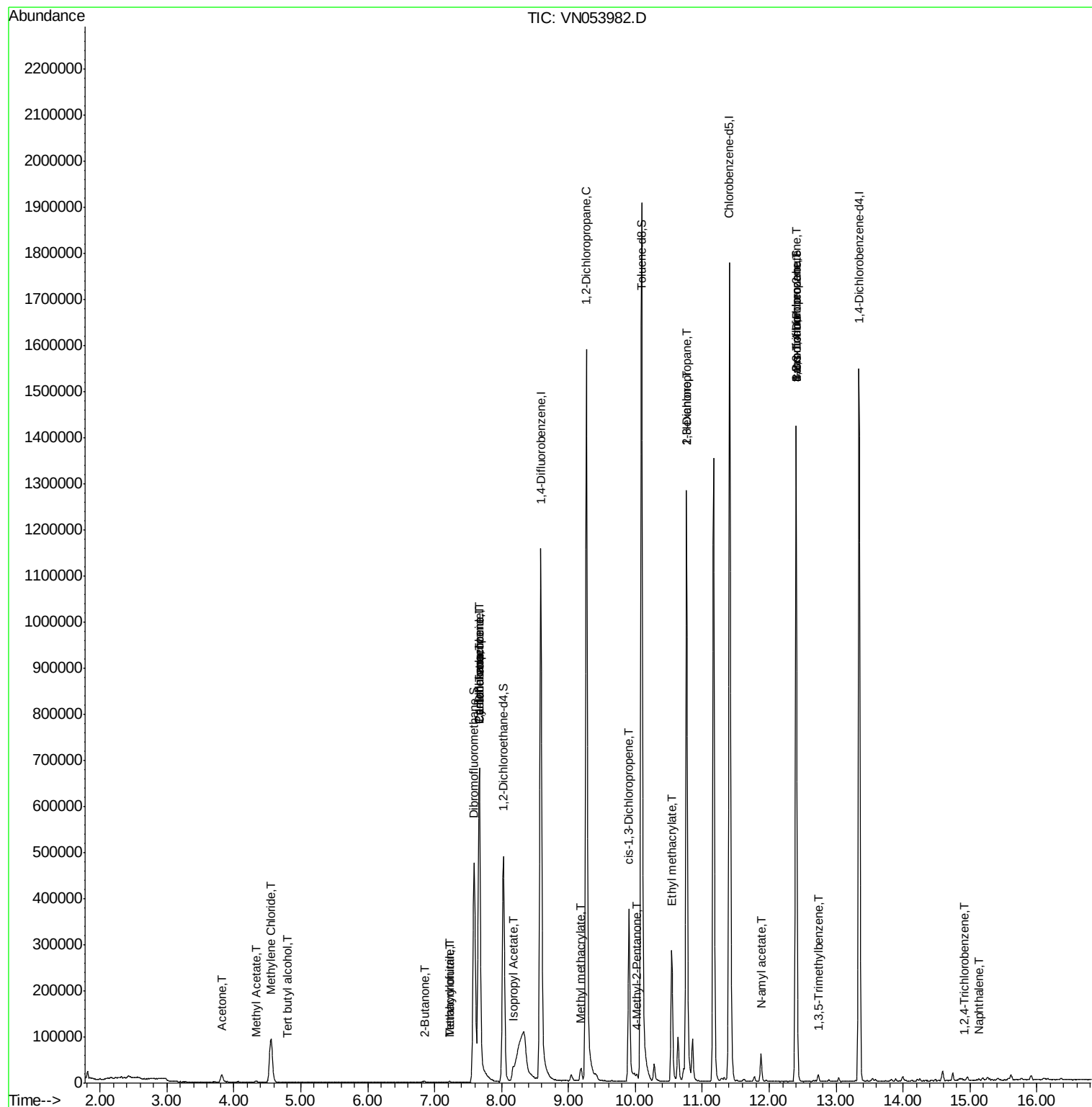
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.80	59	100	0.214	ug/l #	73
16) Acetone	3.82	43	28863	2.746	ug/l	95
18) Methyl Acetate	4.33	43	2343	0.454	ug/l	91
20) Methylene Chloride	4.56	84	72034	9.860	ug/l #	89
25) 2-Butanone	6.84	43	1172	0.404	ug/l #	87
29) Tetrahydrofuran	7.21	42	629	0.326	ug/l #	77
31) Cyclohexane	7.67	56	11199	0.543	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	42362	3.960	ug/l #	48
38) Carbon Tetrachloride	7.67	117	55680	5.005	ug/l #	17
41) Methacrylonitrile	7.23	41	1040	0.211	ug/l #	100
43) Isopropyl Acetate	8.17	43	37468	2.905	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	2409	0.272	ug/l #	44
48) Methyl methacrylate	9.18	41	10587	1.785	ug/l #	12
51) 4-Methyl-2-Pentanone	10.02	43	10378	1.566	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	72156	5.799	ug/l #	70
56) Ethyl methacrylate	10.54	69	1469	2.104	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	13551	1.110	ug/l #	43
59) 2-Hexanone	10.76	43	201876	46.837	ug/l #	48
71) Bromoform	12.40	173	4233	0.715	ug/l #	1
74) N-amyl acetate	11.88	43	20112	2.311	ug/l #	50
76) 1,2,3-Trichloropropane	12.40	75	241363	35.278	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	6886	0.253	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	241363	111.501	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	107	2.236	ug/l #	1
95) Naphthalene	15.13	128	3028	3.380	ug/l #	83

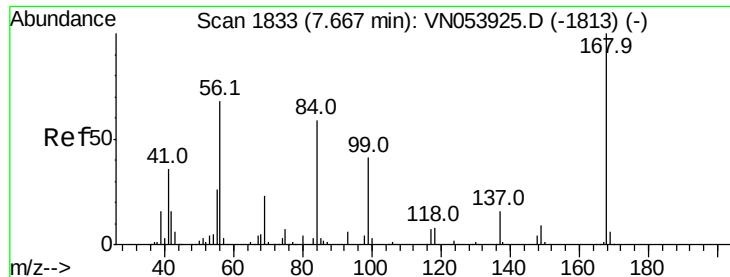
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
Data File : VN053982.D
Acq On : 27 Feb 2019 21:31
Operator : JC/SP
Sample : K1353-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Feb 28 00:11:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 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: VN053982.D

Acq: 27 Feb 2019 21:31

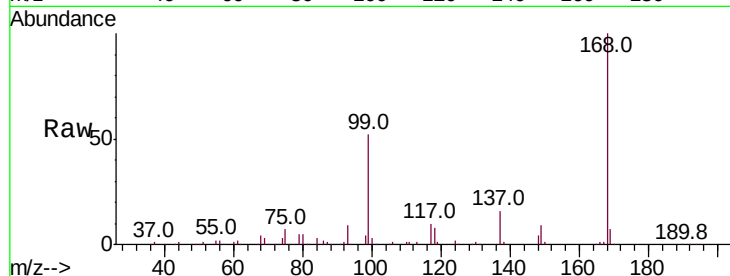
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 629728

Ion Ratio Lower Upper

168 100

99 51.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

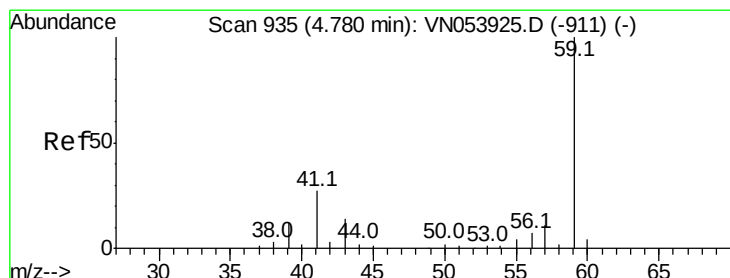
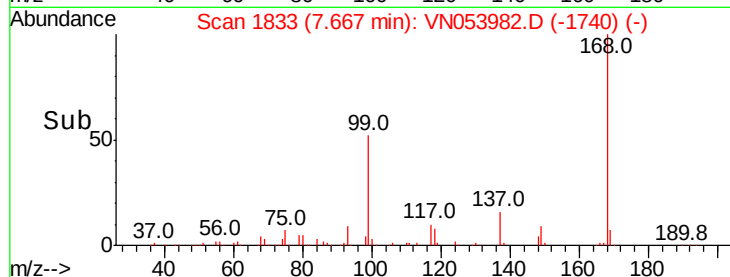
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.02 min

Lab File: VN053982.D

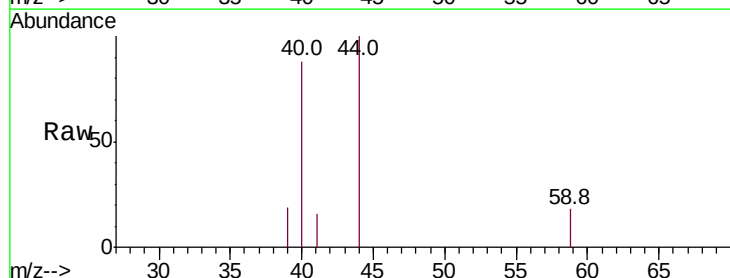
Acq: 27 Feb 2019 21:31

Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.80

200

150

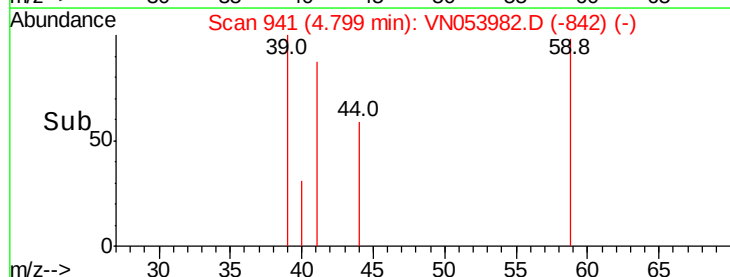
100

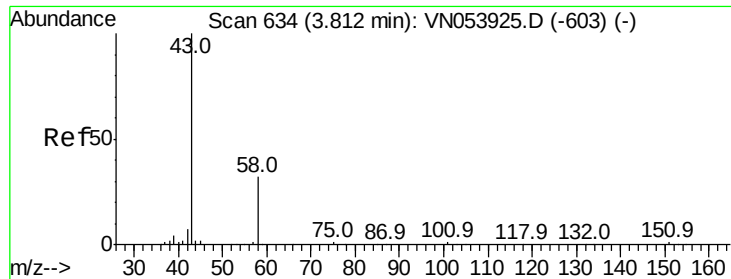
50

0

4.78 4.79 4.80 4.81

Time-->





#16

Acetone

Concen: 2.746 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

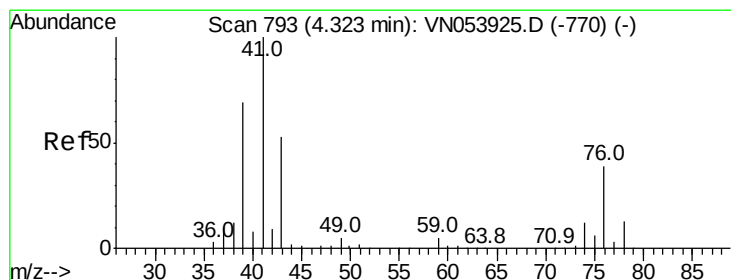
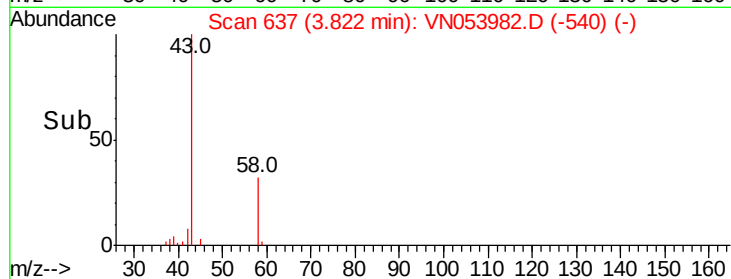
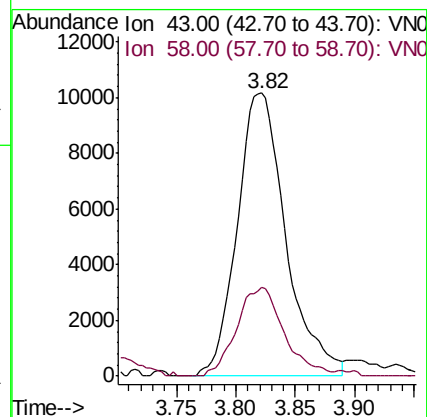
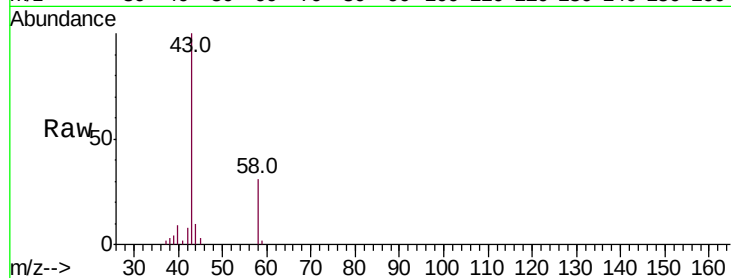
ClientSampled :

Tot Ion: 43 Resp: 28863

Ion Ratio Lower Upper

43 100

58 31.5 27.6 41.4



#18

Methyl Acetate

Concen: 0.454 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053982.D

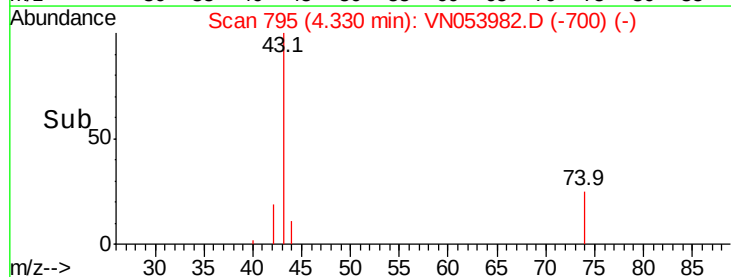
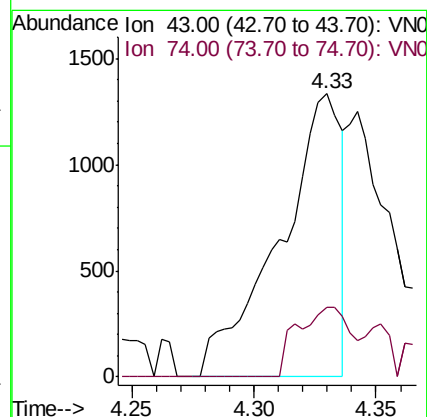
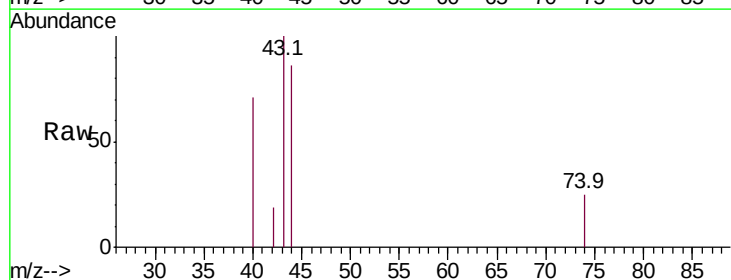
Acq: 27 Feb 2019 21:31

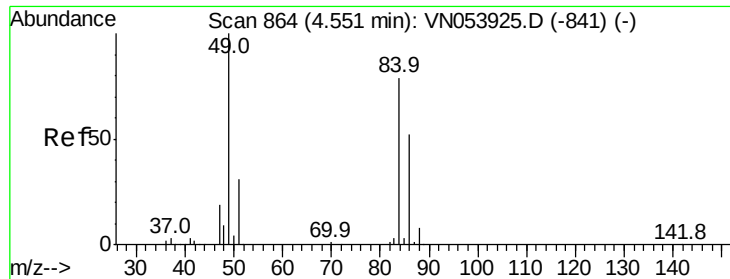
Tgt Ion: 43 Resp: 2343

Ion Ratio Lower Upper

43 100

74 21.0 20.5 30.7

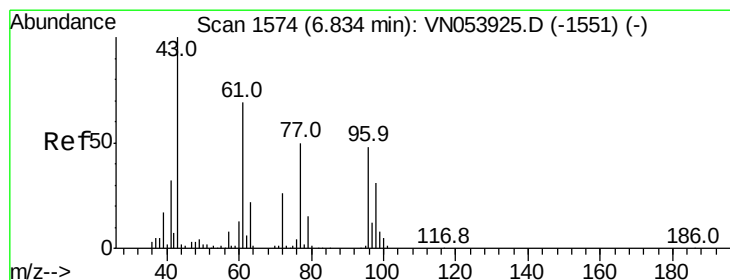
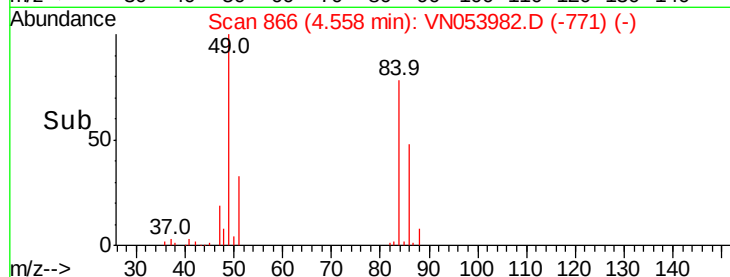
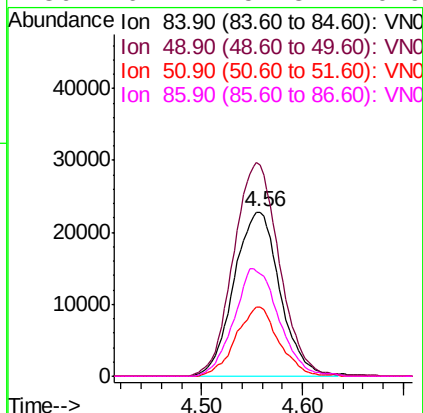
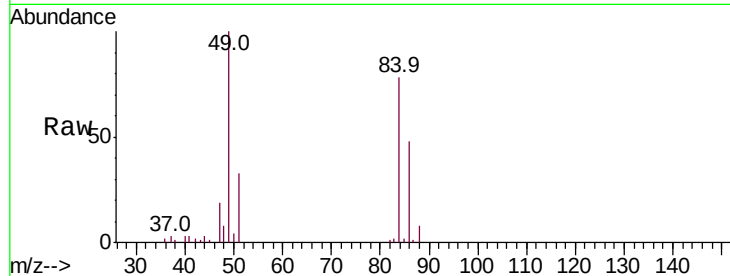




#20
Methvlene Chloride
Concen: 9.860 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

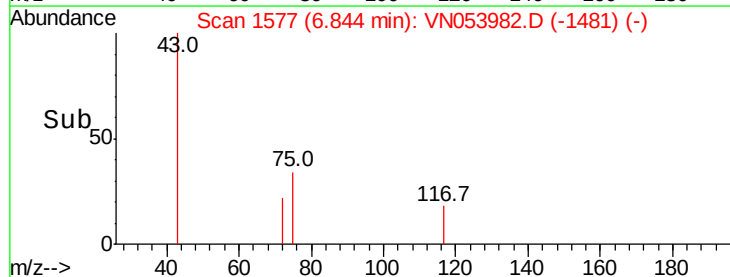
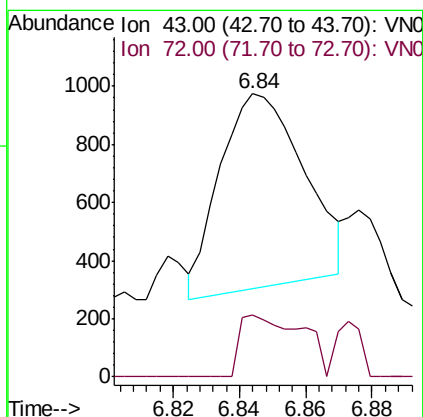
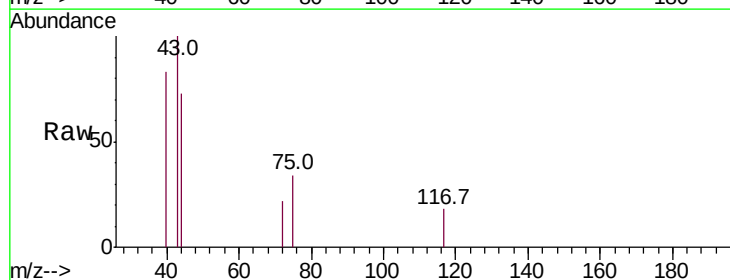
Instrument :
MSVOA_N
ClientSampled :

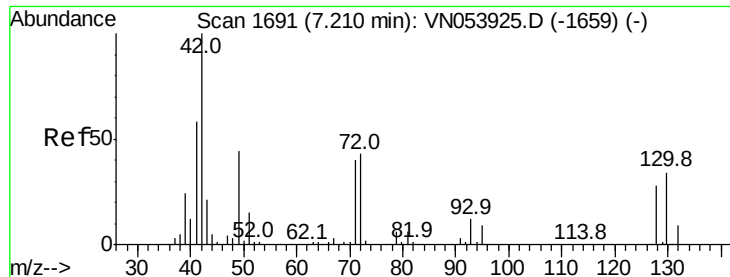
Tot Ion: 84 Resp: 72034
Ion Ratio Lower Upper
84 100
49 128.4 89.7 134.5
51 41.8 27.8 41.8#
86 62.2 51.3 76.9



#25
2-Butanone
Concen: 0.404 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
72 34.6 22.1 33.1#

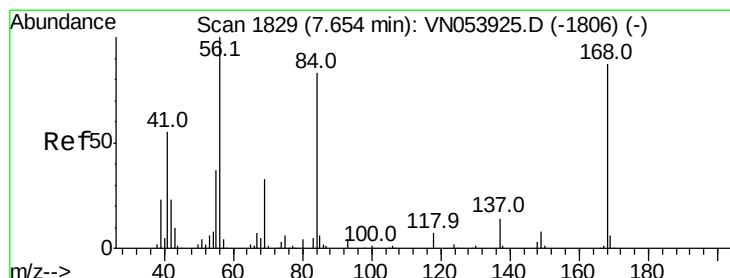
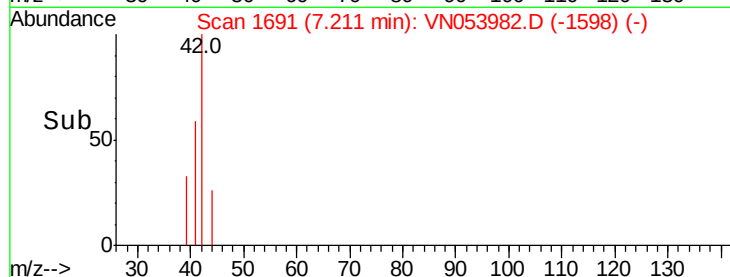
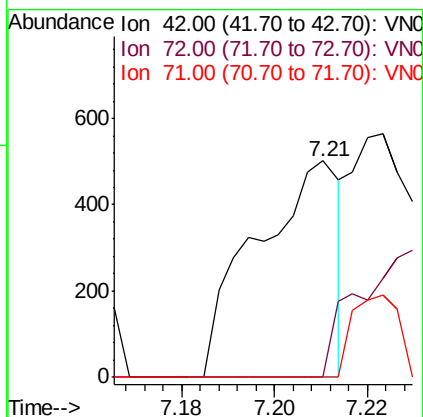
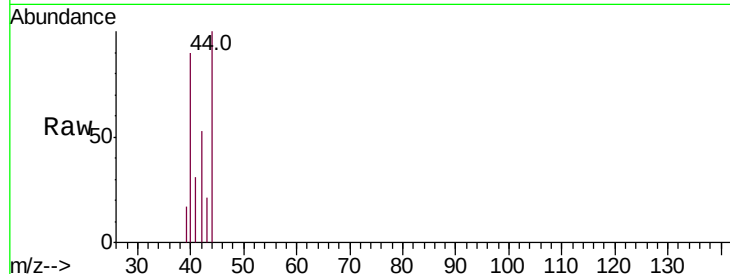




#29
Tetrahydrofuran
Concen: 0.326 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

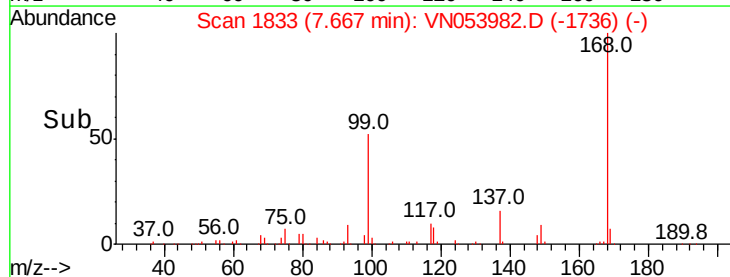
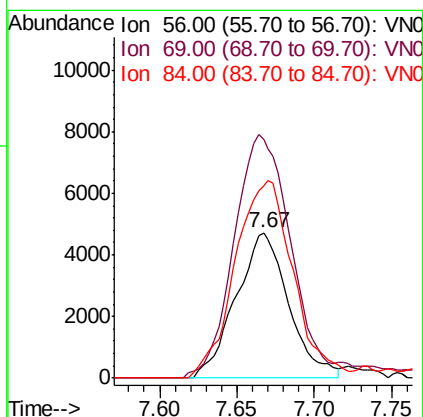
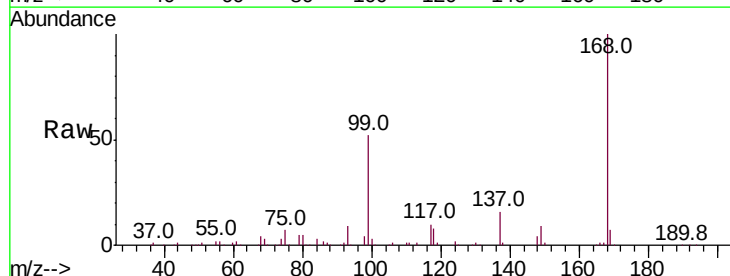
Instrument :
MSVOA_N
ClientSampleId :

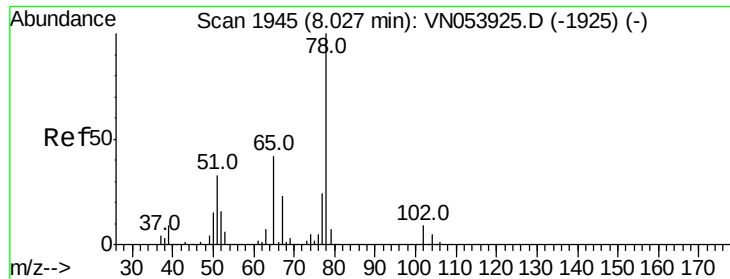
Tot Ion: 42 Resp: 629
Ion Ratio Lower Upper
42 100
72 53.9 36.9 55.3
71 21.0 34.6 52.0#



#31
Cyclohexane
Concen: 0.543 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Tgt Ion: 56 Resp: 11199
Ion Ratio Lower Upper
56 100
69 160.9 26.0 39.0#
84 132.4 69.1 103.7#





#33

1,2-Dichloroethane-d4

Concen: 55.886 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

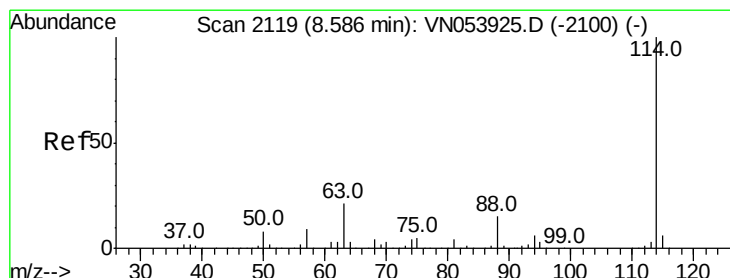
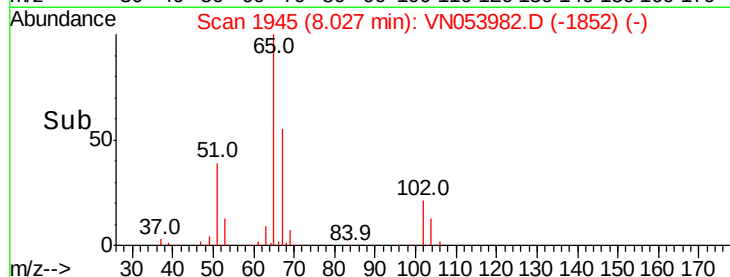
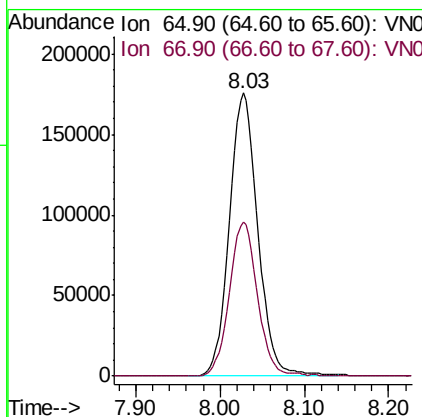
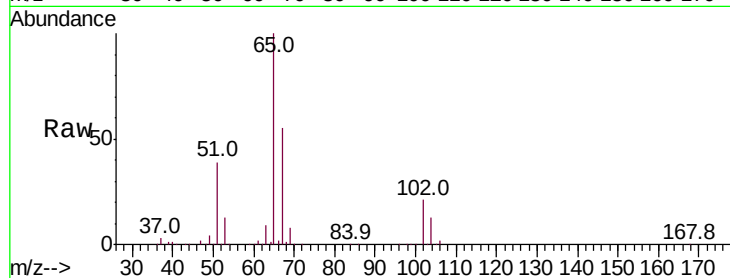
Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 412540

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

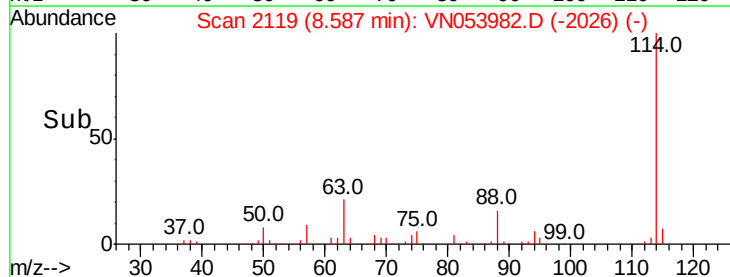
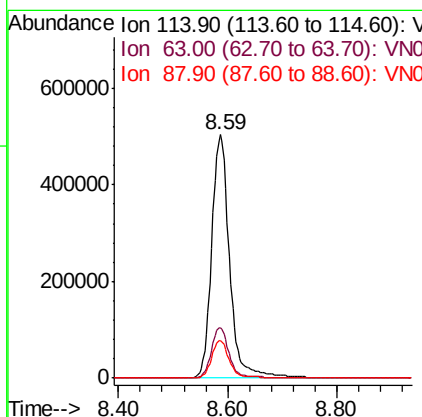
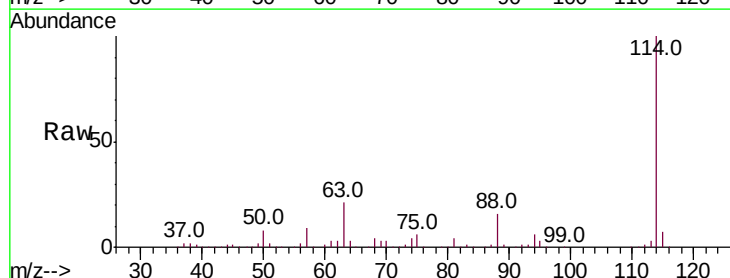
Delta R.T. 0.00 min

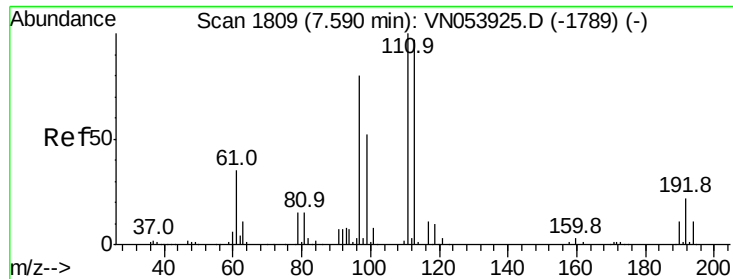
Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Tgt Ion: 114 Resp: 1150281

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.4
88	15.5	0.0	30.4

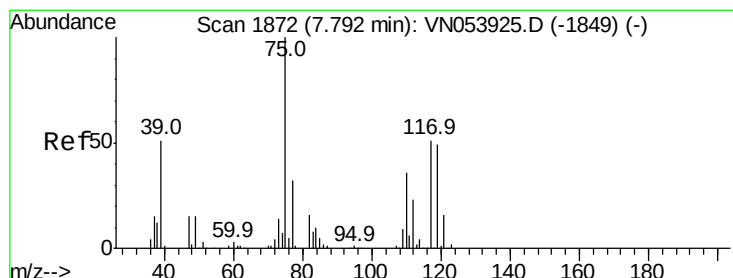
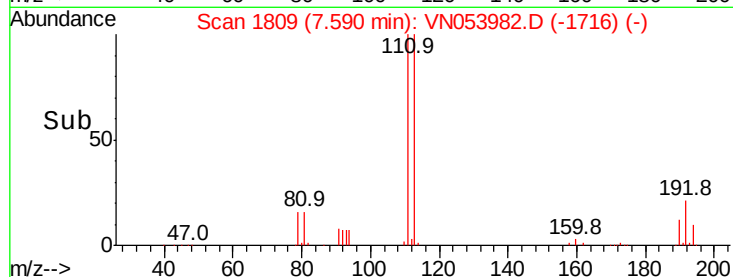
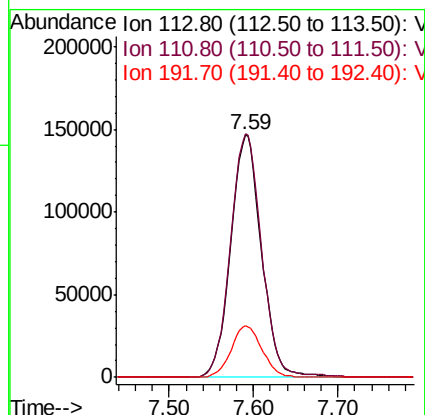
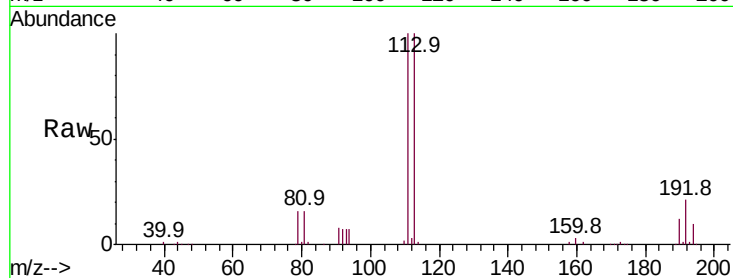




#35
 Dibromofluoromethane
 Concen: 49.925 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053982.D
 Acq: 27 Feb 2019 21:31

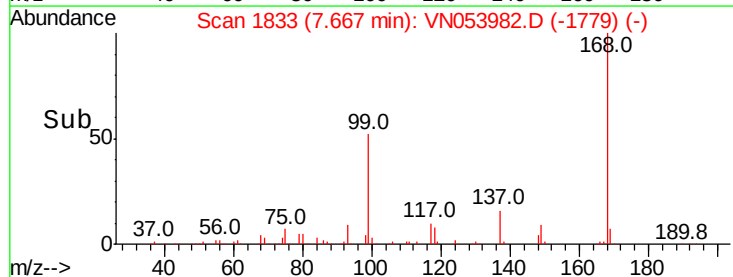
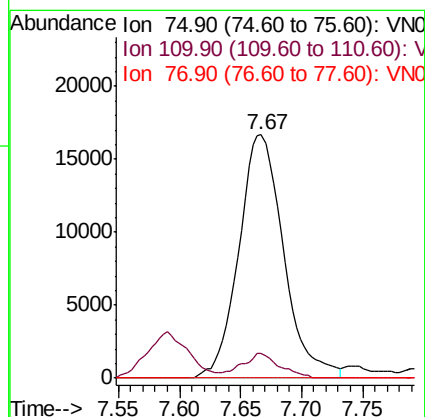
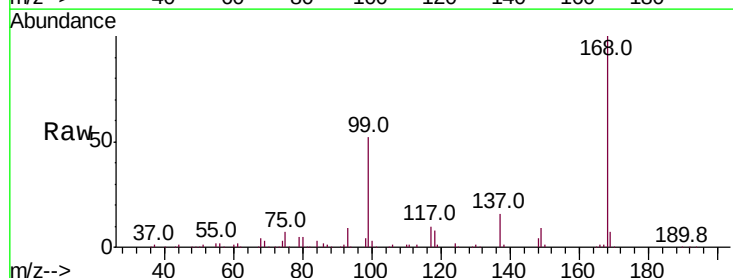
Instrument :
 MSVOA_N
 ClientSampleId :

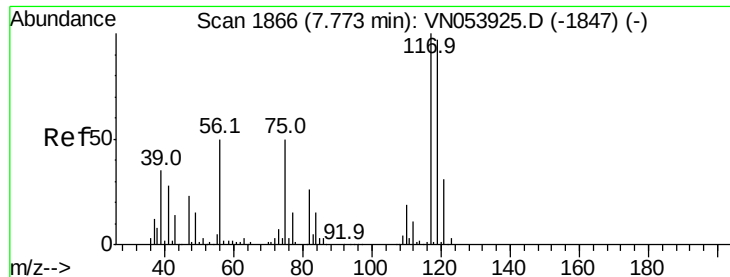
Tot Ion:113 Resp: 371358
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.1 121.7
 192 21.3 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 3.960 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053982.D
 Acq: 27 Feb 2019 21:31

Tgt Ion: 75 Resp: 42362
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 5.005 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :
MSVOA_N
ClientSampled :

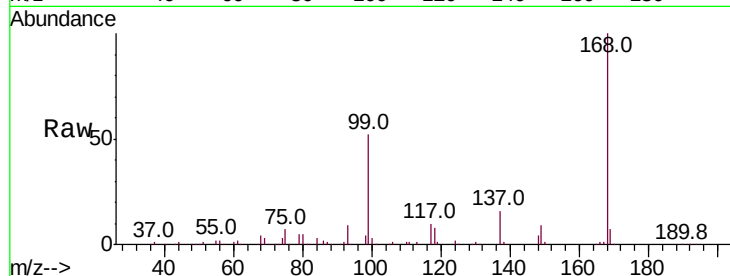
Tot Ion:117 Resp: 55680

Ion Ratio Lower Upper

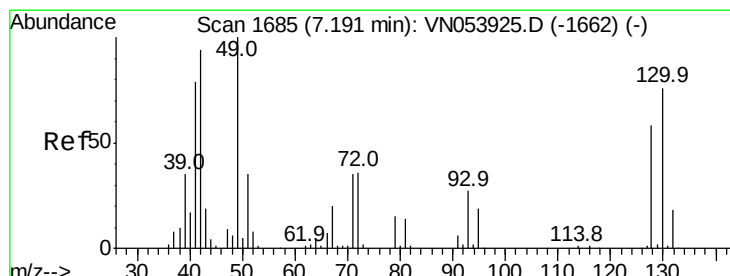
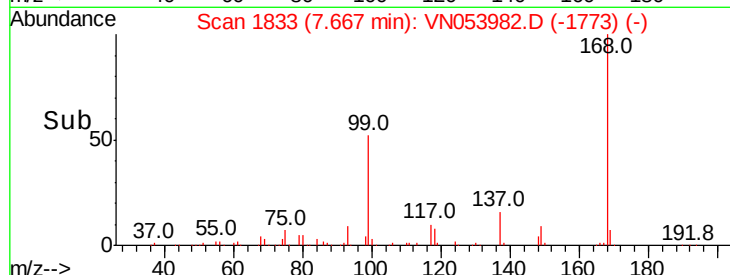
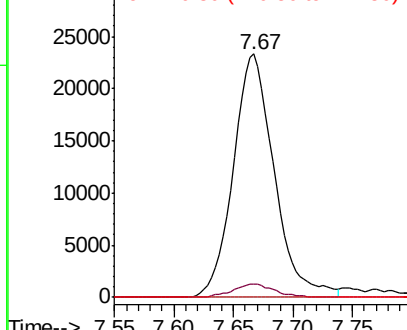
117 100

119 5.6 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



#41

Methacrylonitrile

Concen: 0.211 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.04 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Tgt Ion: 41 Resp: 1040

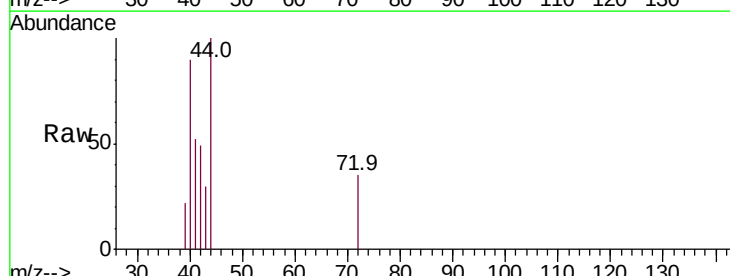
Ion Ratio Lower Upper

41 100

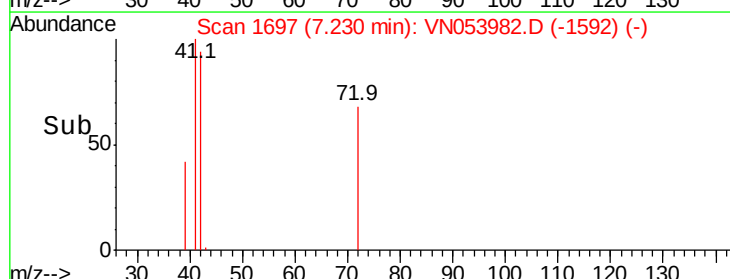
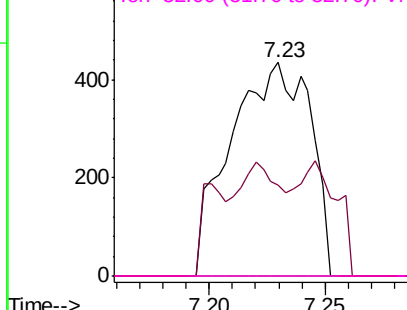
39 25.7 0.0 0.0#

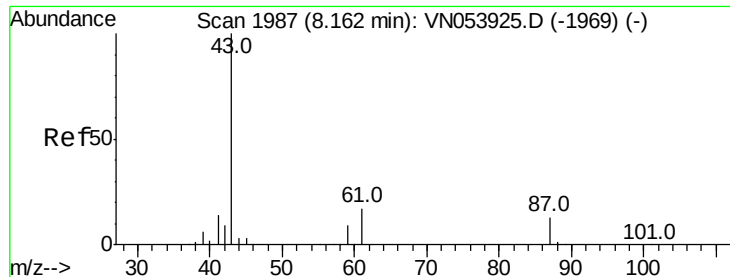
67 0.0 0.0 0.0

52 0.0 0.0 0.0



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.905 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

ClientSampled :

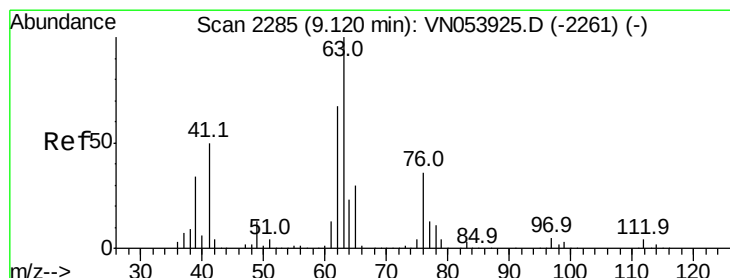
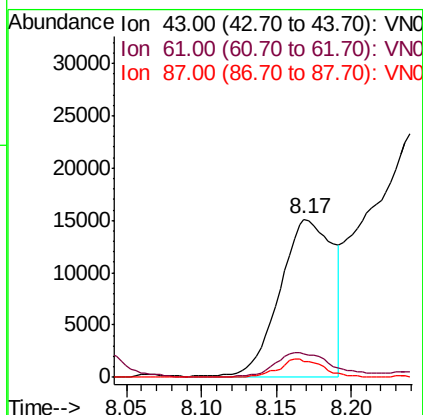
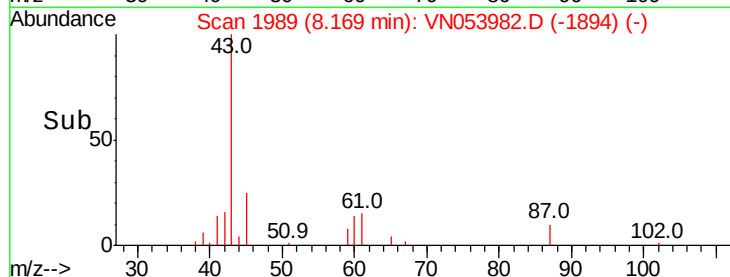
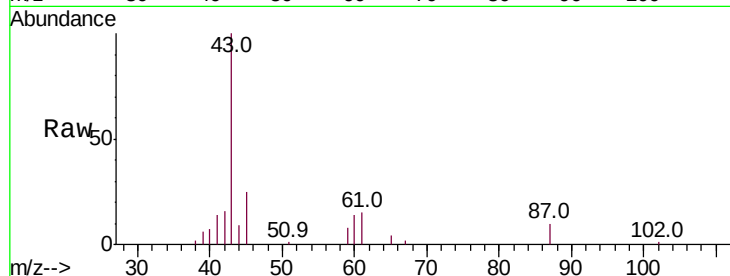
Tot Ion: 43 Resp: 37468

Ion Ratio Lower Upper

43 100

61 17.4 17.4 26.0

87 9.6 11.5 17.3#



#45

1,2-Dichloropropane

Concen: 0.272 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053982.D

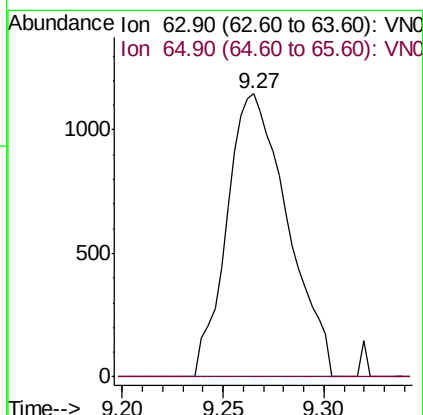
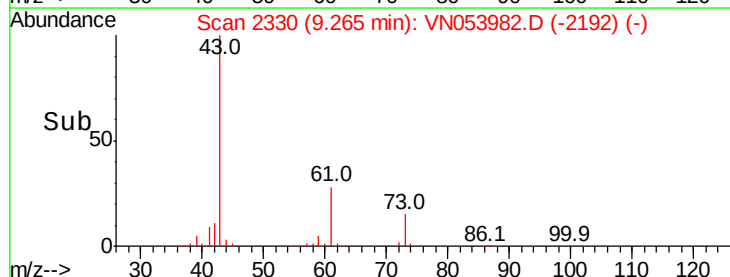
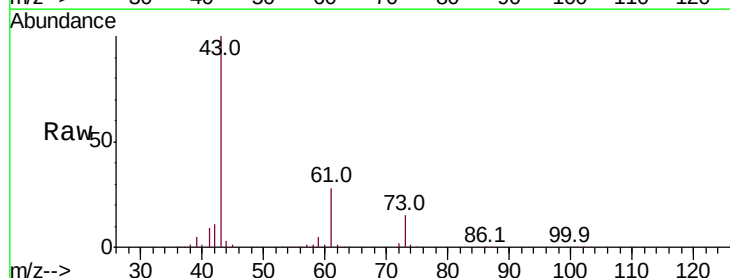
Acq: 27 Feb 2019 21:31

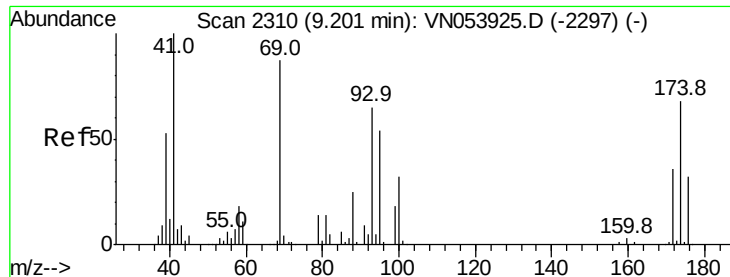
Tgt Ion: 63 Resp: 2409

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#

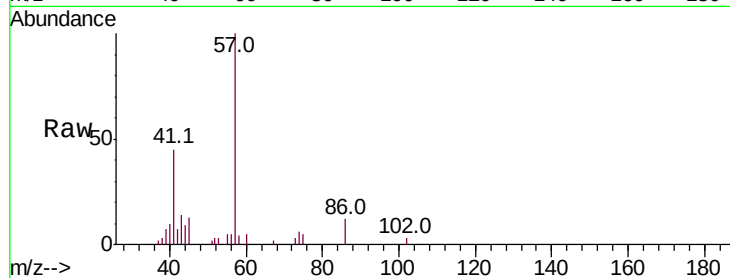




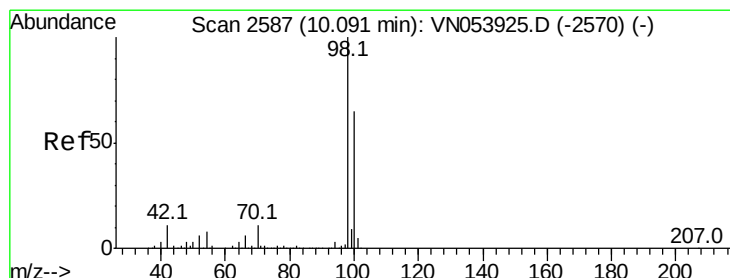
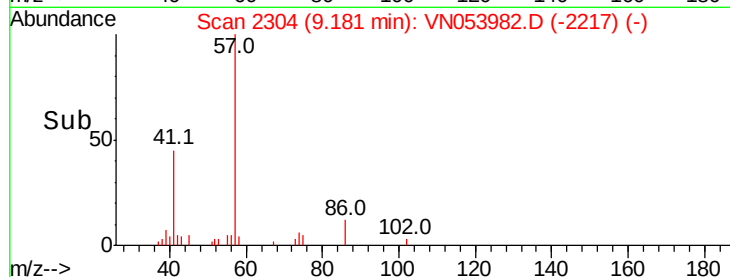
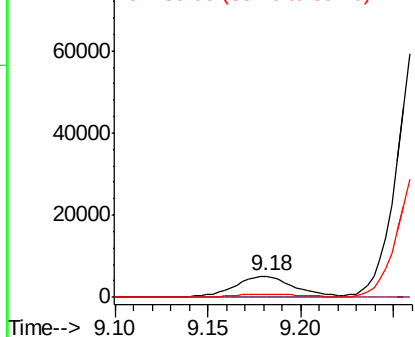
#48
Methyl methacrylate
Concen: 1.785 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 10587
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 0.0 39.0 58.6#

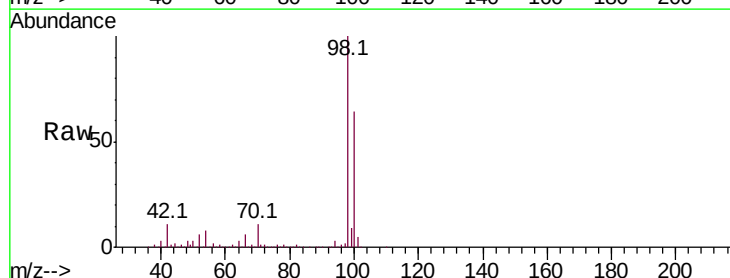


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

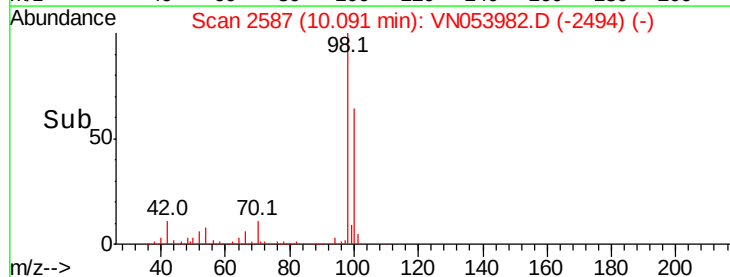
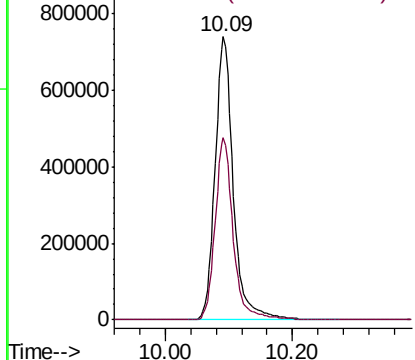


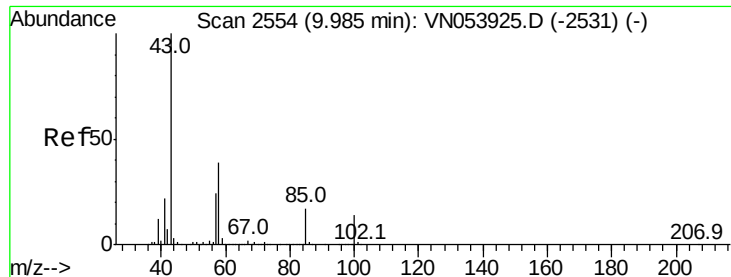
#50
Toluene-d8
Concen: 52.987 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Tgt Ion: 98 Resp: 1467206
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

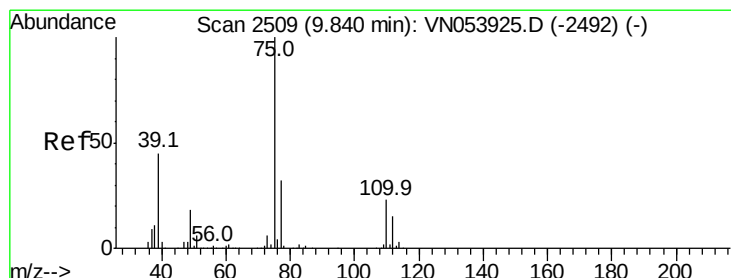
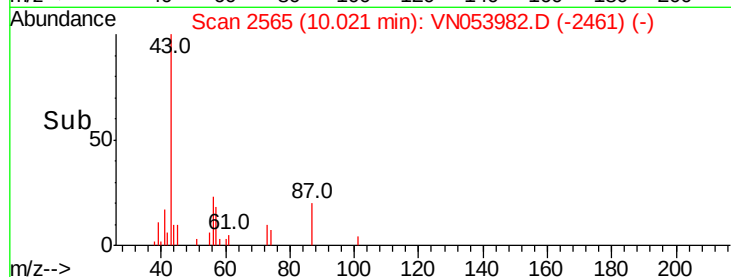
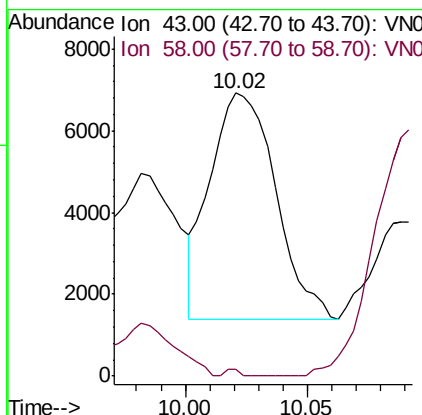
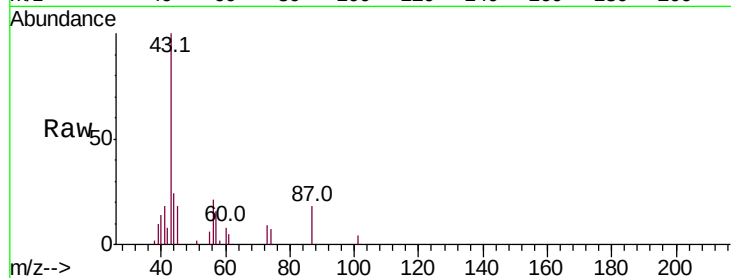




#51
 4-Methyl-2-Pentanone
 Concen: 1.566 ug/l
 RT: 10.02 min Scan# 2565
 Delta R.T. 0.04 min
 Lab File: VN053982.D
 Acq: 27 Feb 2019 21:31

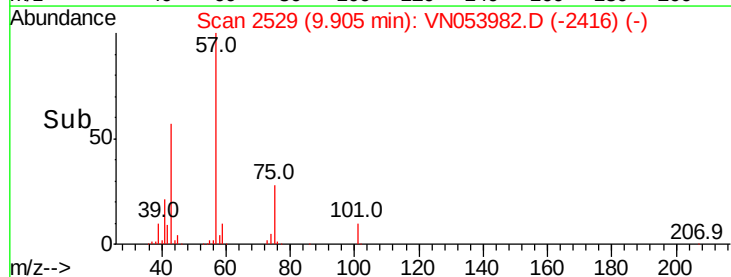
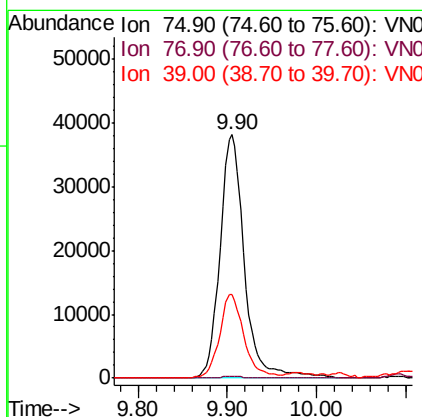
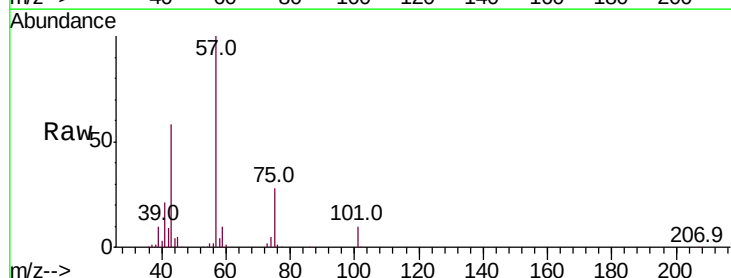
Instrument :
 MSVOA_N
 ClientSampleId :

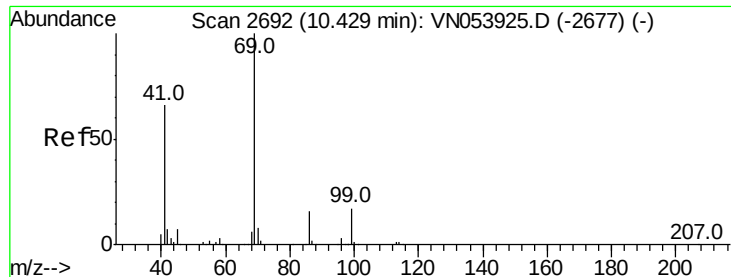
Tot Ion: 43 Resp: 10378
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#54
 cis-1,3-Dichloropropene
 Concen: 5.799 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053982.D
 Acq: 27 Feb 2019 21:31

Tgt Ion: 75 Resp: 72156
 Ion Ratio Lower Upper
 75 100
 77 0.7 25.8 38.6#
 39 34.0 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.104 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

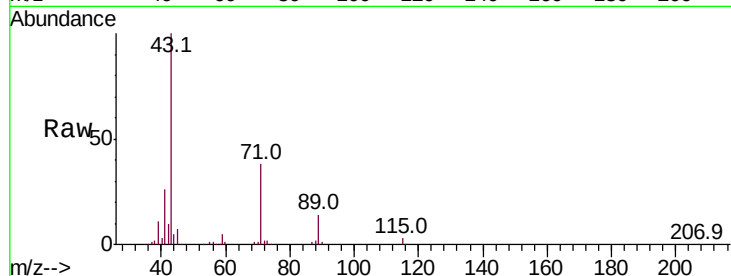
Tot Ion: 69 Resp: 1469

Ion Ratio Lower Upper

69 100

41 3955.3 47.5 71.3#

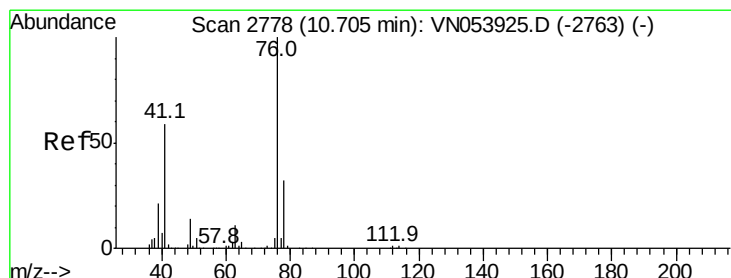
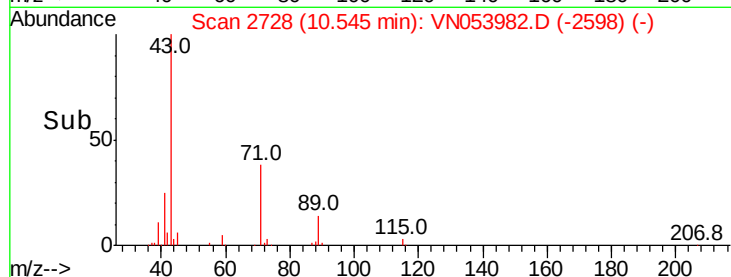
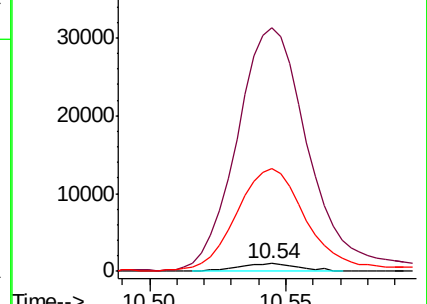
39 1653.2 23.4 35.0#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 1.110 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.06 min

Lab File: VN053982.D

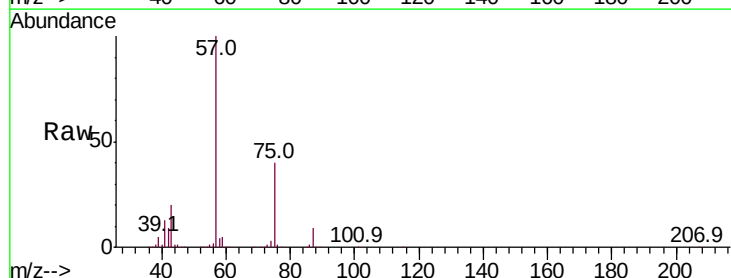
Acq: 27 Feb 2019 21:31

Tgt Ion: 76 Resp: 13551

Ion Ratio Lower Upper

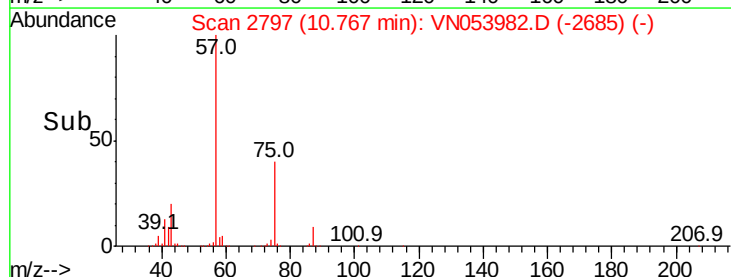
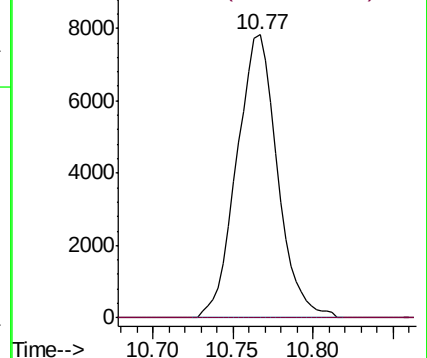
76 100

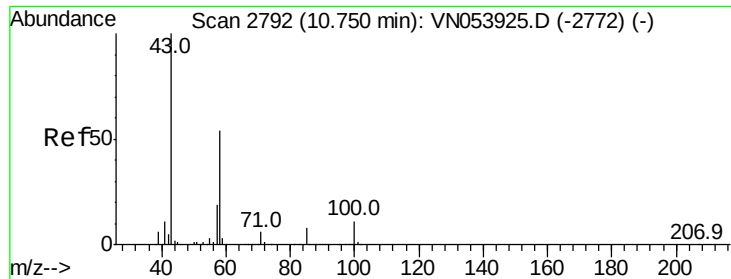
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

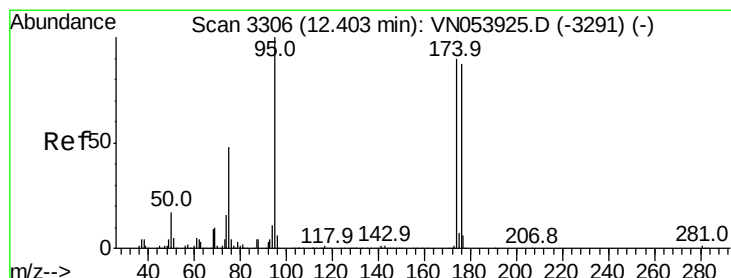
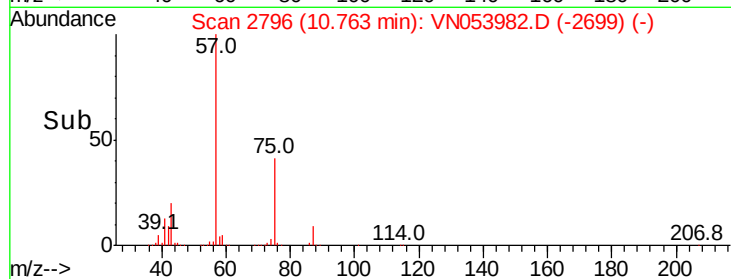
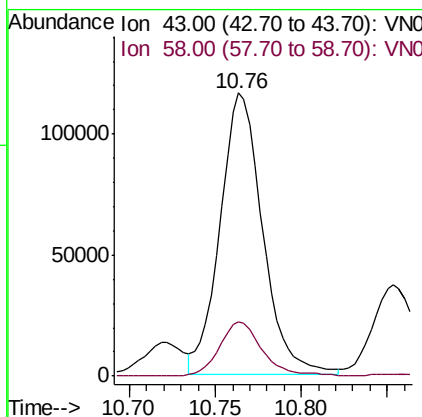
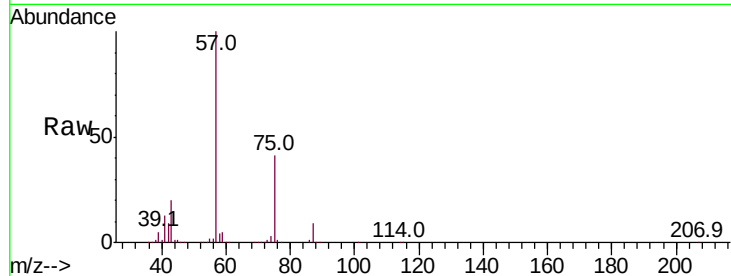




#59
2-Hexanone
Concen: 46.837 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

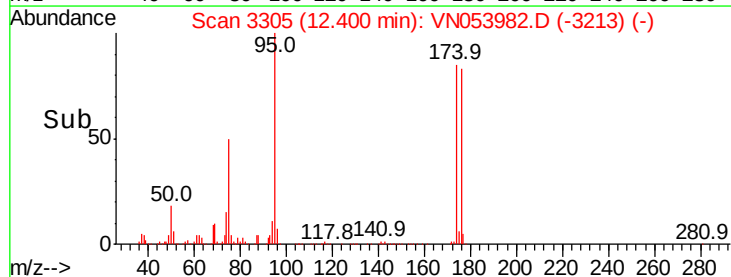
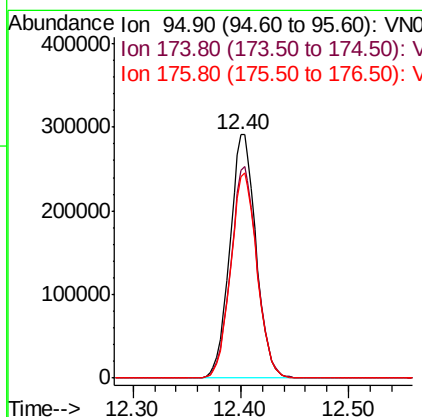
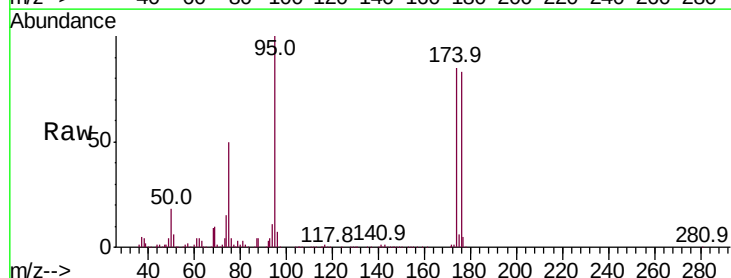
Instrument :
MSVOA_N
ClientSampled :

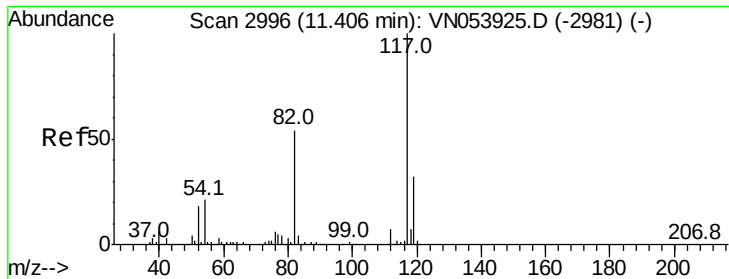
Tot Ion: 43 Resp: 201876
Ion Ratio Lower Upper
43 100
58 19.5 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 53.440 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Tgt Ion: 95 Resp: 493006
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: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

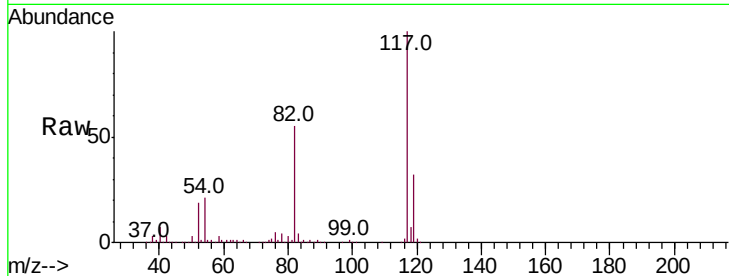
Tot Ion:117 Resp: 1119405

Ion Ratio Lower Upper

117 100

82 55.2 41.4 62.2

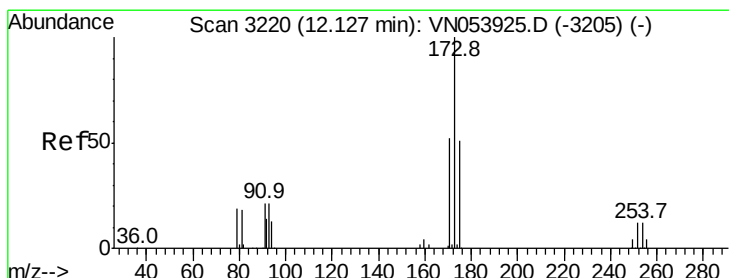
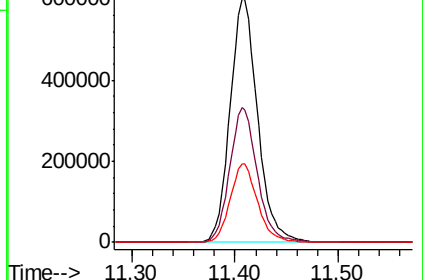
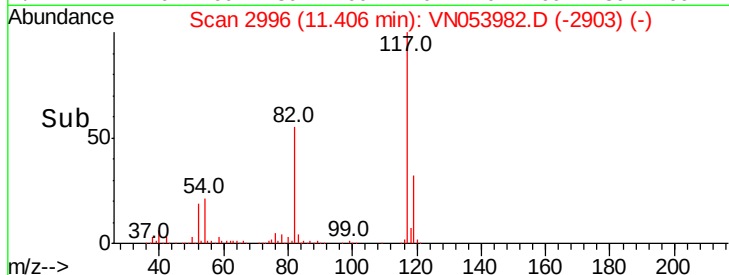
119 32.5 25.3 37.9



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



#71

Bromoform

Concen: 0.715 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

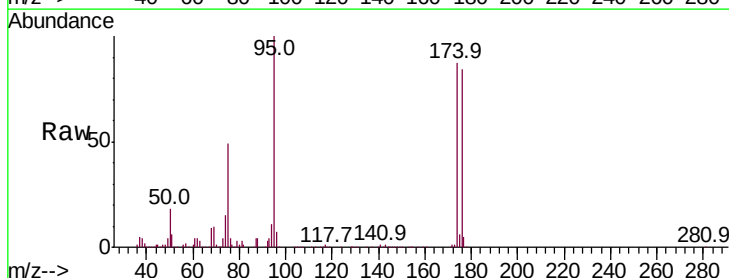
Tgt Ion:173 Resp: 4233

Ion Ratio Lower Upper

173 100

175 635.6 24.3 72.8#

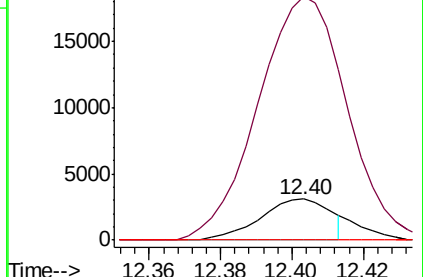
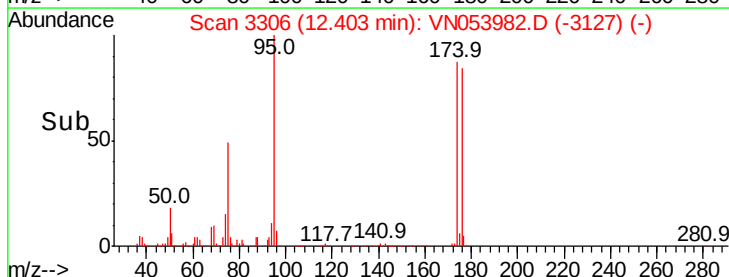
254 0.0 0.2 0.2#

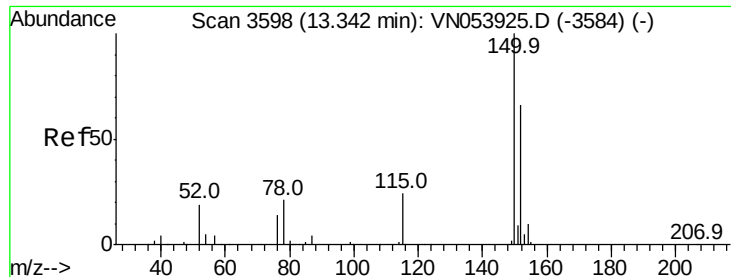


Abundance Ion 172.70 (172.40 to 173.40): V

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: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

ClientSampled :

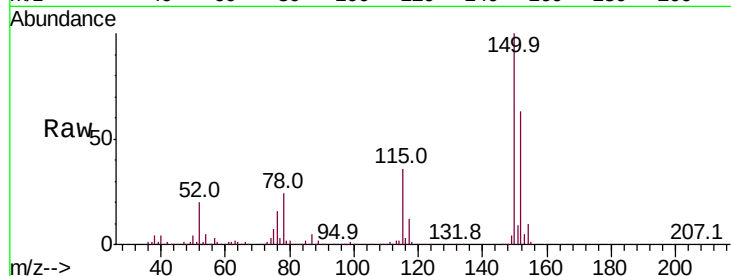
Tot Ion:152 Resp: 426492

Ion Ratio Lower Upper

152 100

115 57.2 27.2 81.6

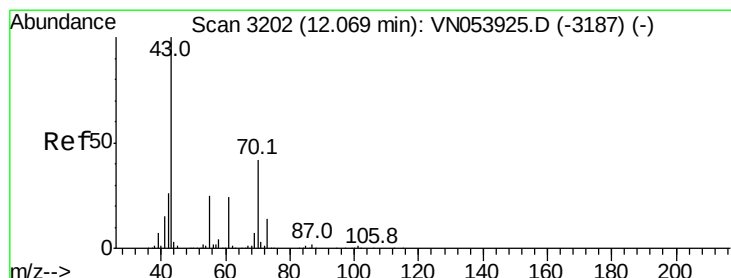
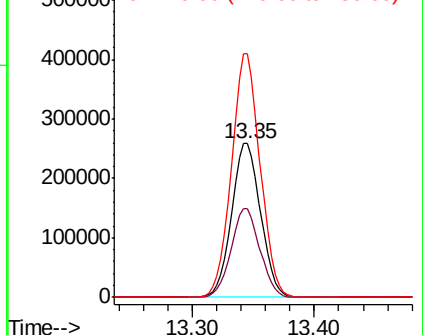
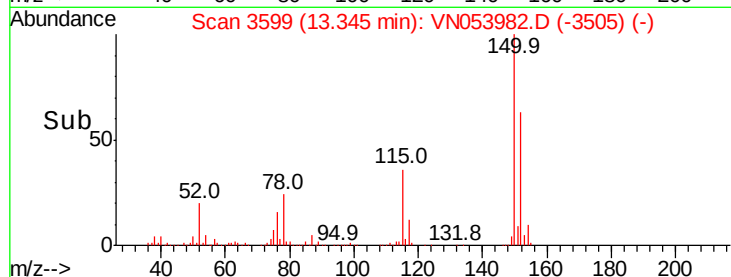
150 156.3 0.0 348.2



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-aryl acetate

Concen: 2.311 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Tgt Ion: 43 Resp: 20112

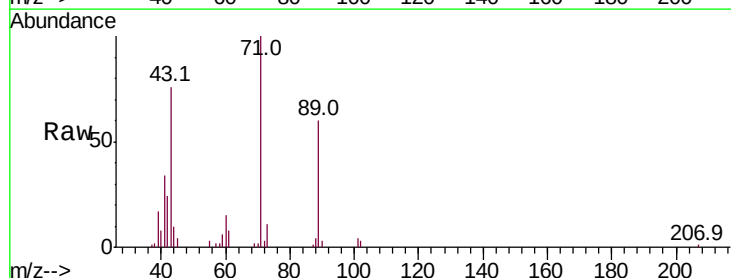
Ion Ratio Lower Upper

43 100

70 2.9 37.4 56.2#

55 4.3 21.4 32.0#

61 11.0 20.9 31.3#

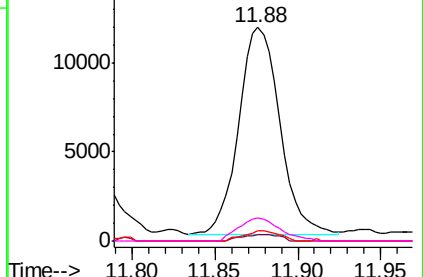
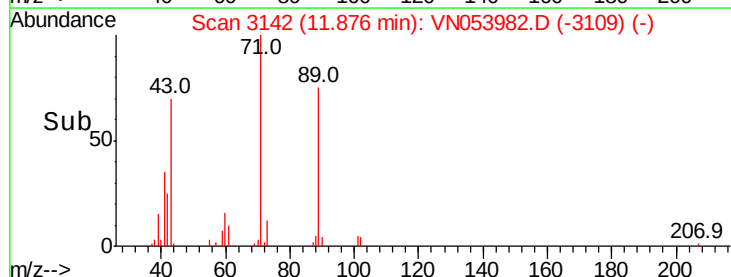


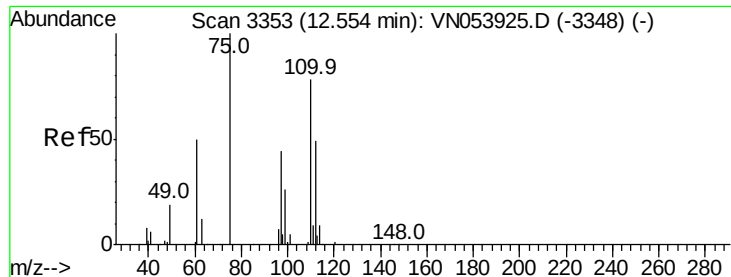
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 35.278 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

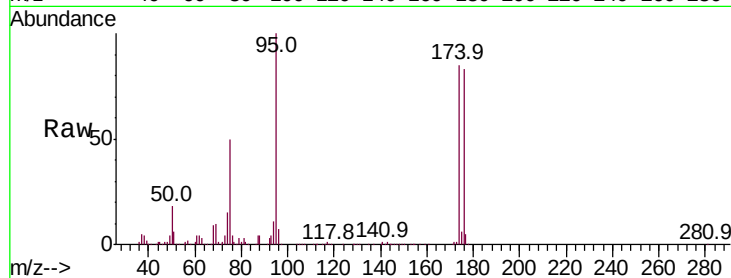
ClientSampleId :

Tot Ion: 75 Resp: 241363

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053982.D (-3305) (-)

Ion 77.00 (76.70 to 77.70): VN053982.D (-3305) (-)

12.40

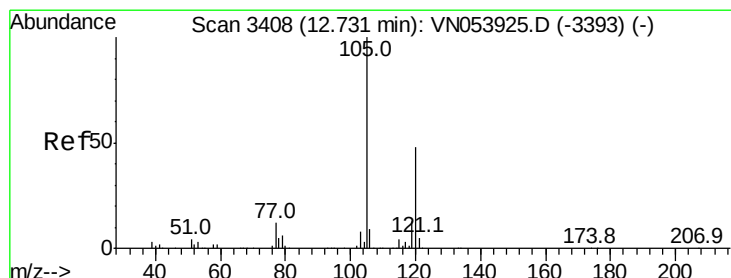
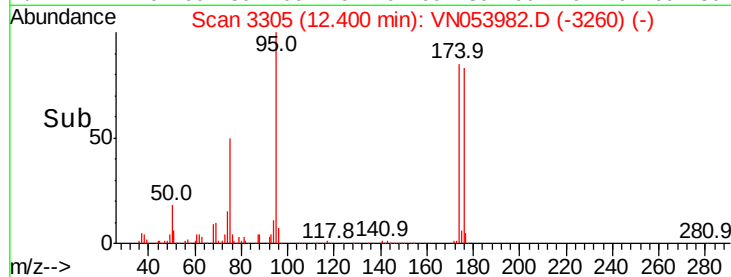
150000

100000

50000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.253 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053982.D

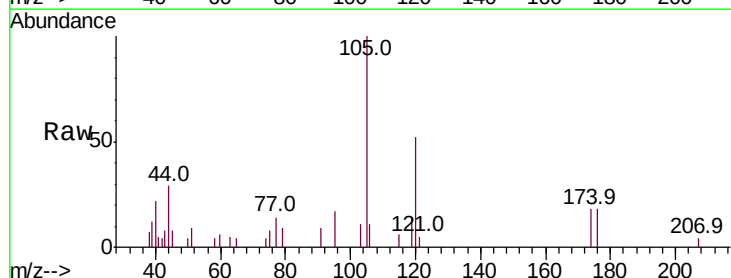
Acq: 27 Feb 2019 21:31

Tgt Ion: 105 Resp: 6886

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN053982.D (-3315) (-)

Ion 120.00 (119.70 to 120.70): VN053982.D (-3315) (-)

12.73

4000

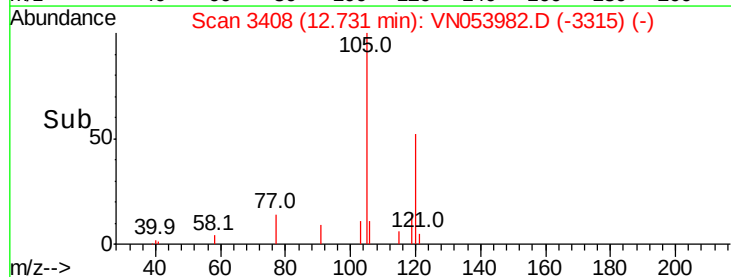
3000

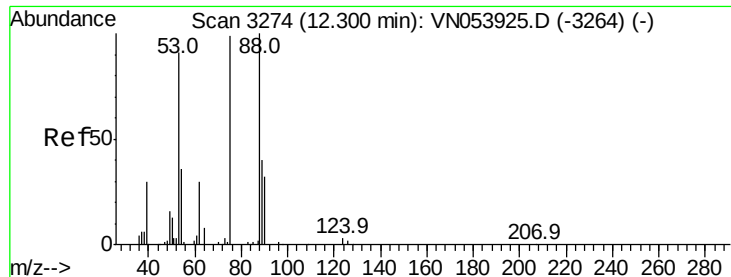
2000

1000

0

Time-->

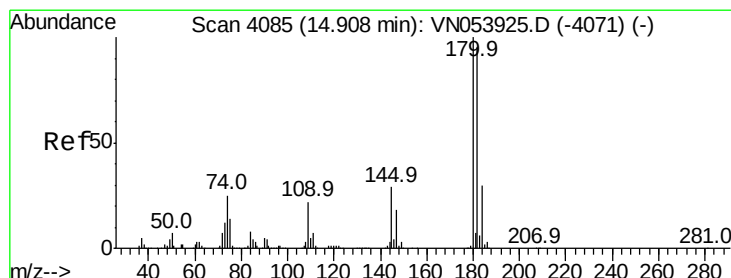
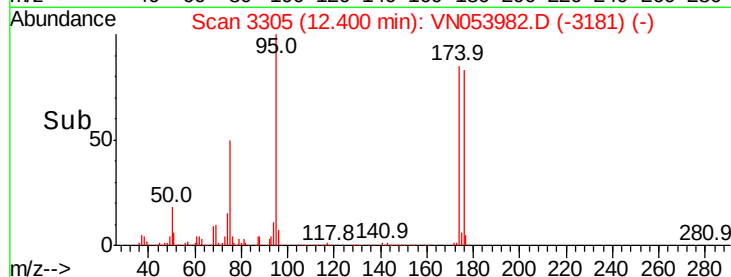
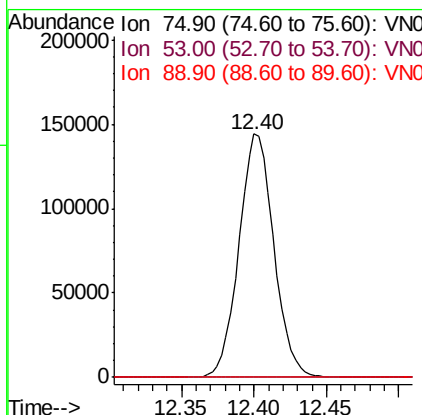
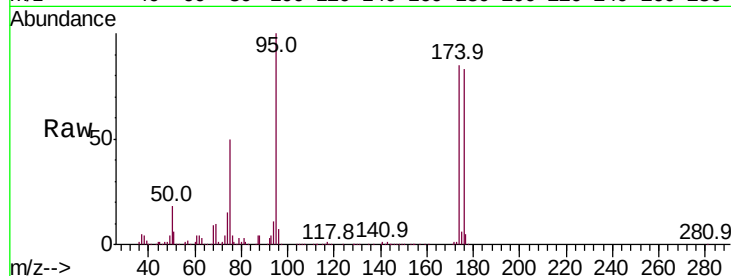




#81
trans-1,4-Dichloro-2-butene
Concen: 111.501 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

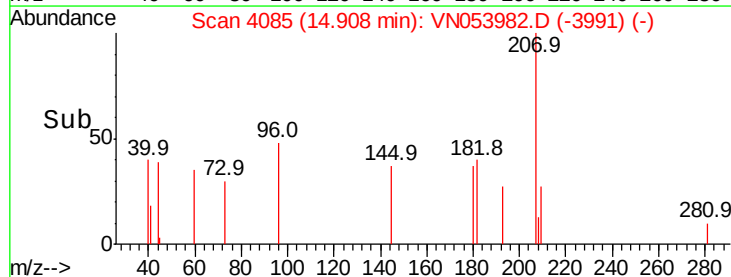
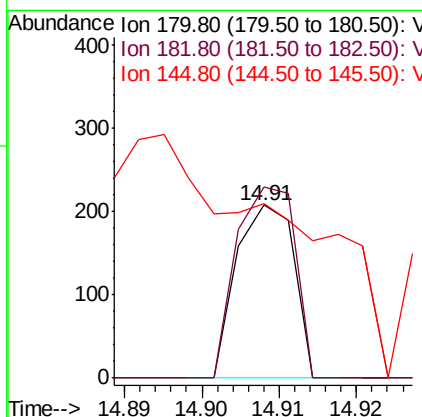
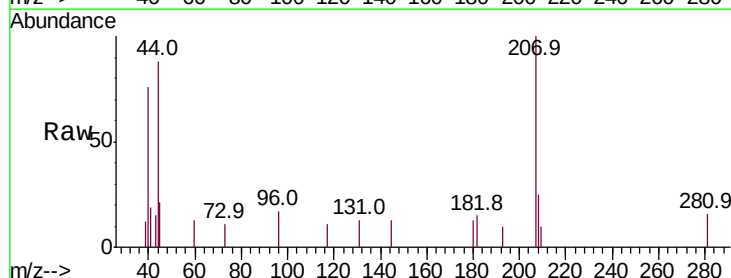
Instrument :
MSVOA_N
ClientSampleId :

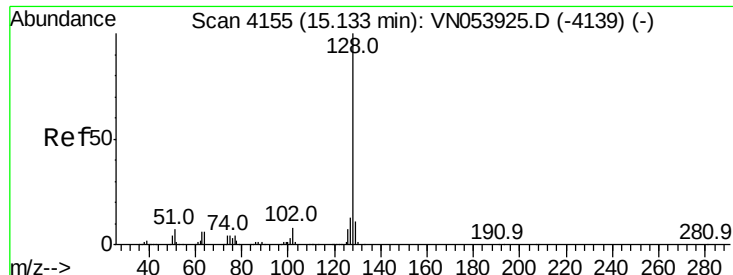
Tot Ion: 75 Resp: 241363
Ion Ratio Lower Upper
75 100
53 0.0 68.6 102.8#
89 0.0 35.3 52.9#



#93
1,2,4-Trichlorobenzene
Concen: 2.236 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN053982.D
Acq: 27 Feb 2019 21:31

Tgt Ion: 180 Resp: 107
Ion Ratio Lower Upper
180 100
182 113.1 48.6 145.9
145 517.8 13.8 41.3#





#95

Naphthalene

Concen: 3.380 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

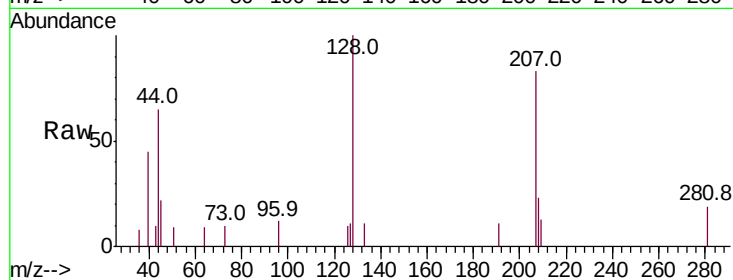
Lab File: VN053982.D

Acq: 27 Feb 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :



Tot Ion:128 Resp: 3028

Ion Ratio Lower Upper

128 100

127 6.9 10.2 15.2#

129 3.2 8.6 12.8#

