

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053979.D
 Acq On : 27 Feb 2019 20:11
 Operator : JC/SP
 Sample : K1350-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 28 00:11:05 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	613508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1140098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1115347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	418666	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	405664	56.41	ug/l	0.00
Spiked Amount			Recovery	=	112.82%	
35) Dibromofluoromethane	7.59	113	366297	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
50) Toluene-d8	10.09	98	1448143	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	
62) 4-Bromofluorobenzene	12.40	95	489396	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	

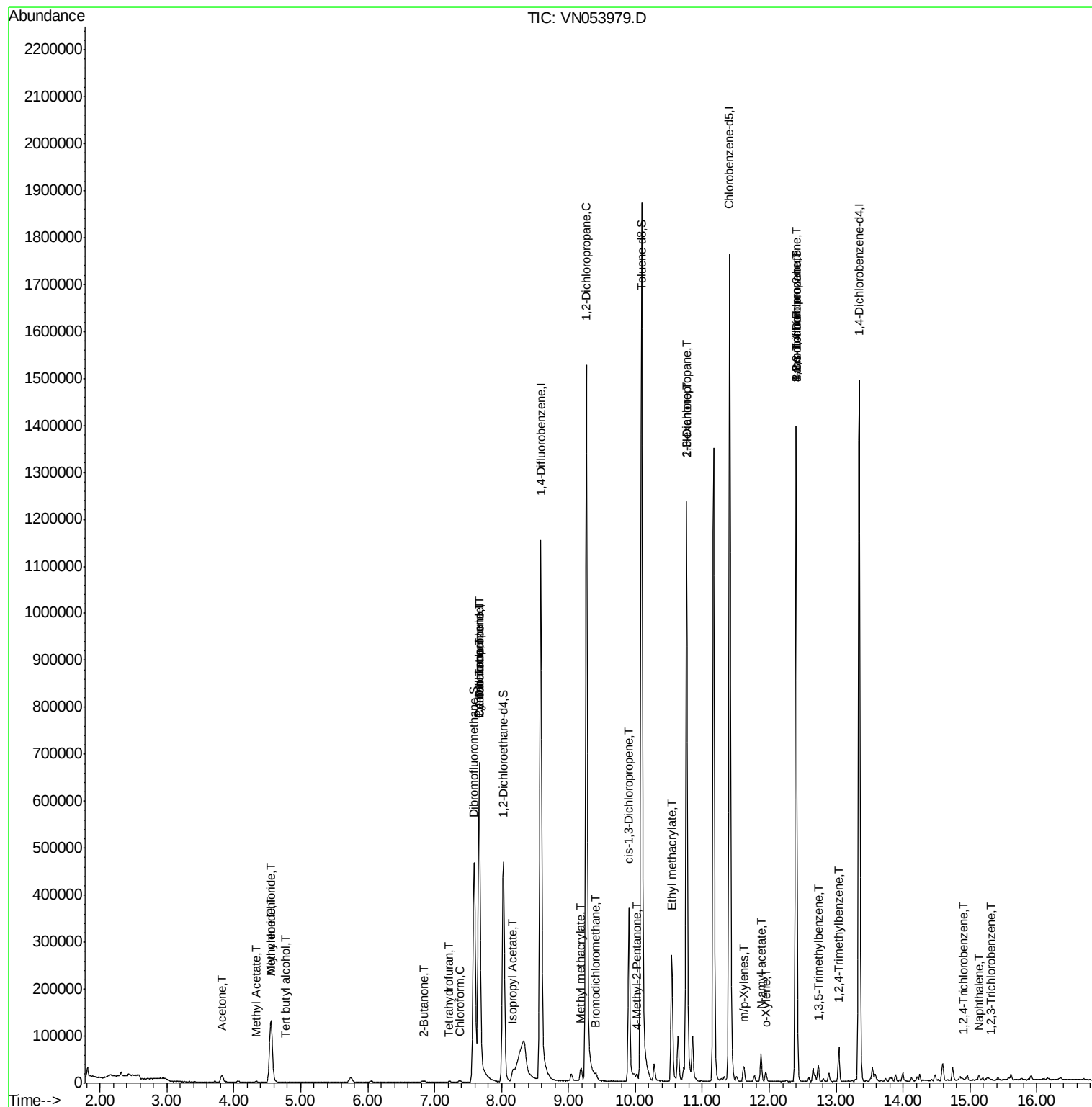
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	255	0.559	ug/l #	73
14) Allyl chloride	4.55	41	4392	0.413	ug/l #	26
16) Acetone	3.82	43	26283	1.732	ug/l	99
18) Methyl Acetate	4.34	43	3377	0.672	ug/l #	66
20) Methylene Chloride	4.55	84	99143	13.929	ug/l	87
25) 2-Butanone	6.84	43	3915	1.386	ug/l #	83
29) Tetrahydrofuran	7.22	42	1927	1.025	ug/l #	62
30) Chloroform	7.37	83	4678	0.384	ug/l	89
31) Cyclohexane	7.66	56	11360	0.583	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	43656	4.118	ug/l #	47
38) Carbon Tetrachloride	7.67	117	54697	4.960	ug/l #	17
43) Isopropyl Acetate	8.17	43	33990	2.659	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1974	0.225	ug/l #	44
47) Bromodichloromethane	9.41	83	2605	0.242	ug/l #	88
48) Methyl methacrylate	9.18	41	11446	1.947	ug/l #	22
51) 4-Methyl-2-Pentanone	10.02	43	10183	1.550	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	68247	5.534	ug/l #	71
56) Ethyl methacrylate	10.54	69	1491	2.107	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13550	1.120	ug/l #	43
59) 2-Hexanone	10.76	43	191074	44.727	ug/l #	48
68) m/p-Xylenes	11.62	106	11576	0.777	ug/l	98
69) o-Xylene	11.95	106	6286	0.430	ug/l	88
71) Bromoform	12.40	173	3276	0.555	ug/l #	1
74) N-ethyl acetate	11.88	43	19053	2.231	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	239532	35.665	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	17714	0.664	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	239532	112.724	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	42117	1.581	ug/l	95
93) 1,2,4-Trichlorobenzene	14.91	180	165	2.243	ug/l #	1
95) Naphthalene	15.14	128	9727	3.761	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.32	180	143	1.577	ug/l #	7

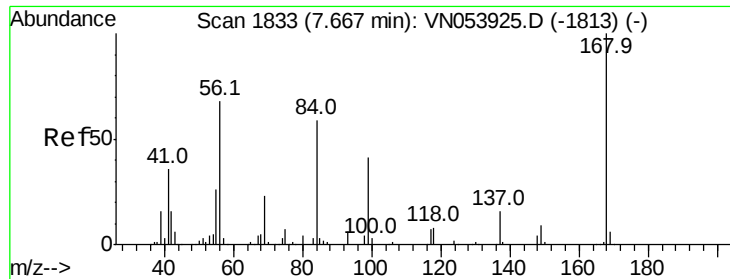
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022719\
Data File : VN053979.D
Acq On : 27 Feb 2019 20:11
Operator : JC/SP
Sample : K1350-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Feb 28 00:11:05 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: VN053979.D

Acq: 27 Feb 2019 20:11

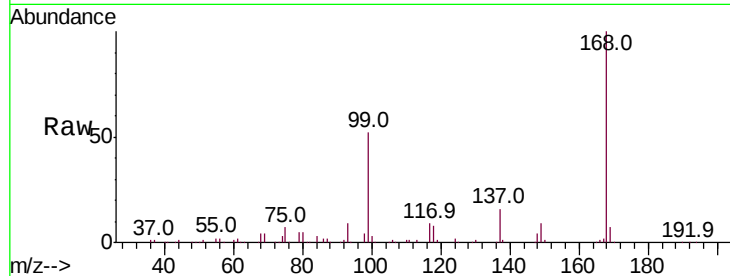
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 613508

Ion Ratio Lower Upper

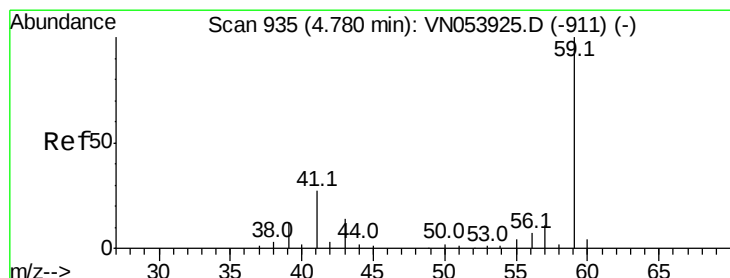
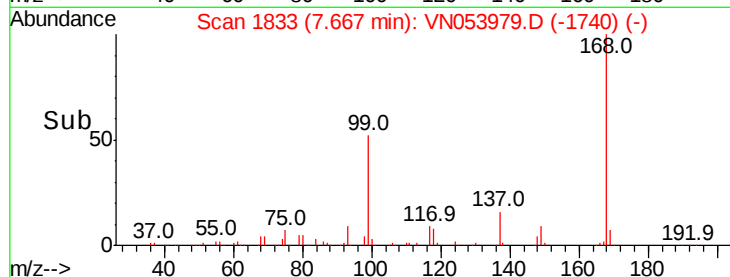
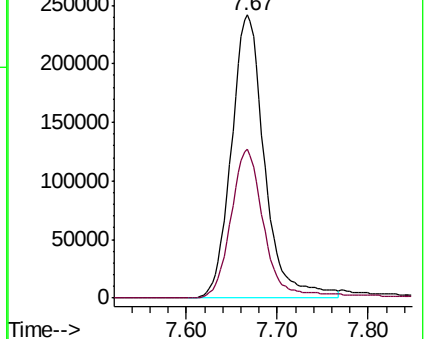
168 100

99 52.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 0.559 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN053979.D

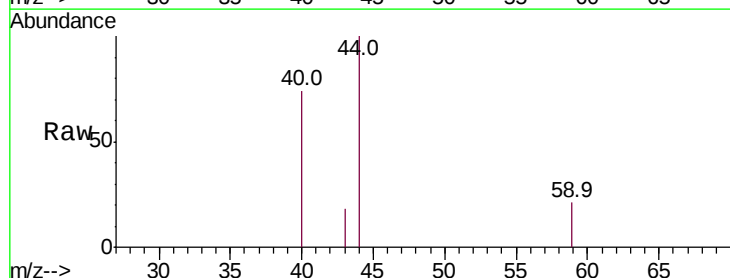
Acq: 27 Feb 2019 20:11

Tgt Ion: 59 Resp: 255

Ion Ratio Lower Upper

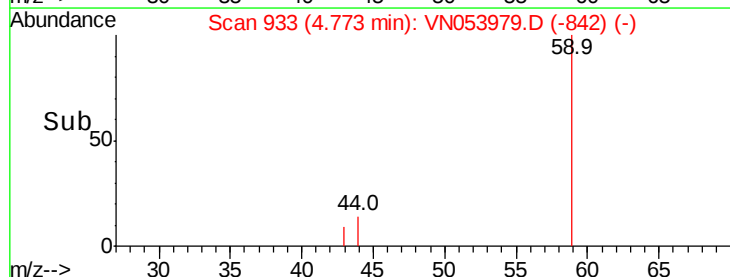
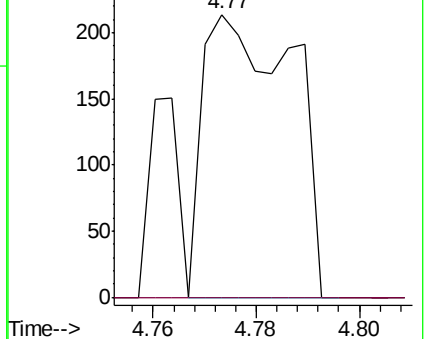
59 100

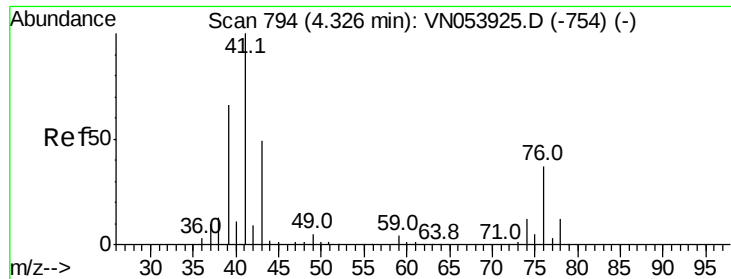
57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#14

Allv1 chloride

Concen: 0.413 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

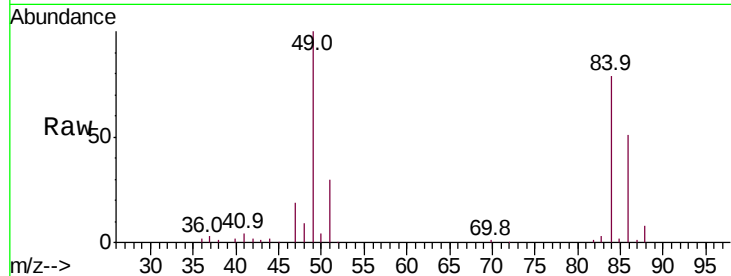
Tot Ion: 41 Resp: 4392

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

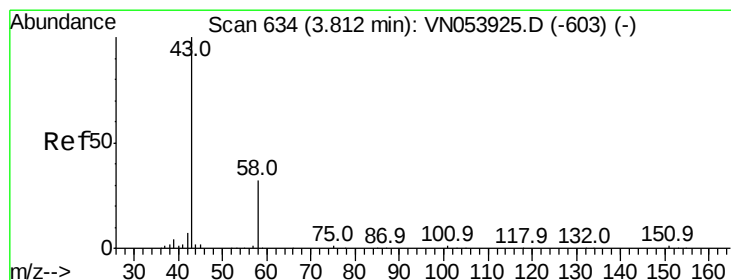
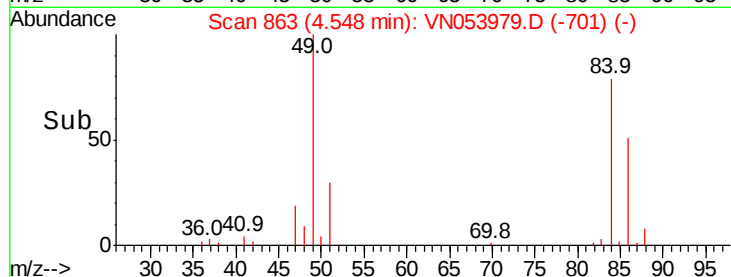
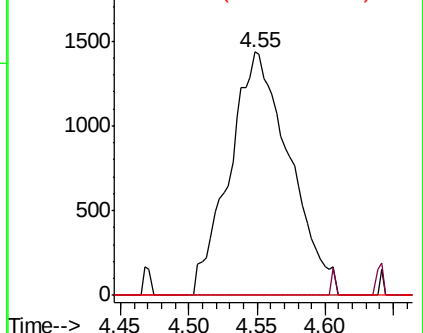
76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 1.732 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053979.D

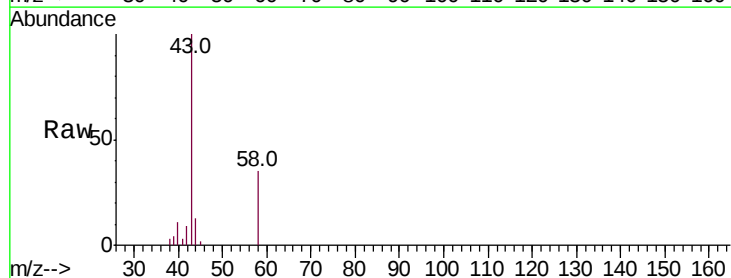
Acq: 27 Feb 2019 20:11

Tgt Ion: 43 Resp: 26283

Ion Ratio Lower Upper

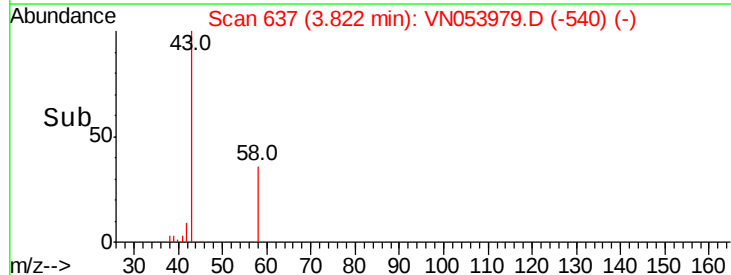
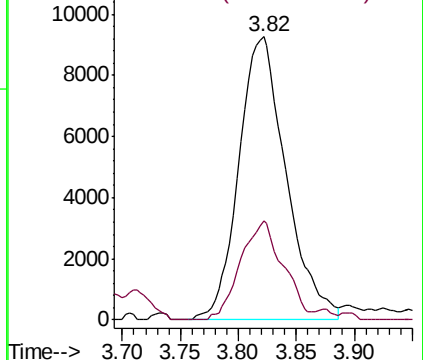
43 100

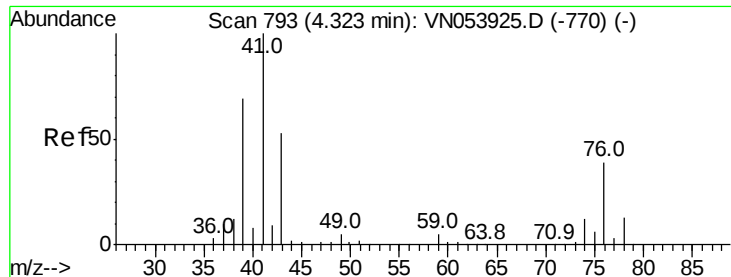
58 35.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methyl Acetate

Concen: 0.672 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

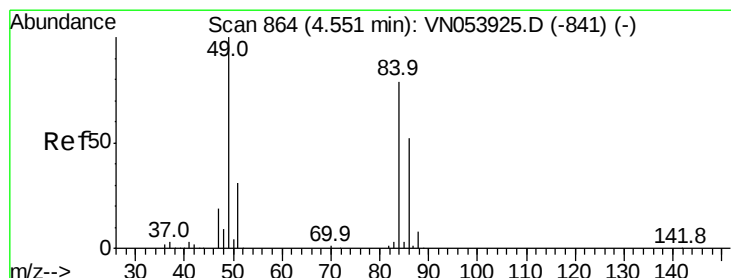
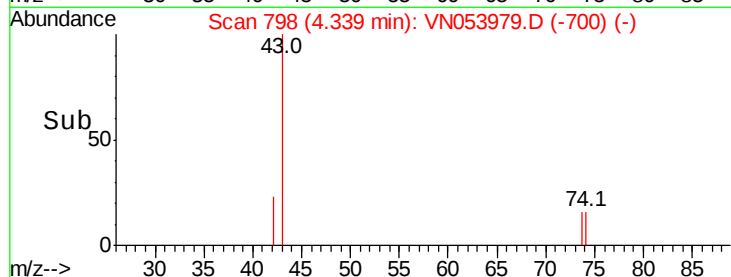
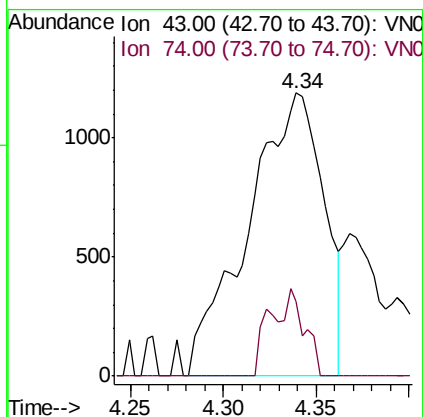
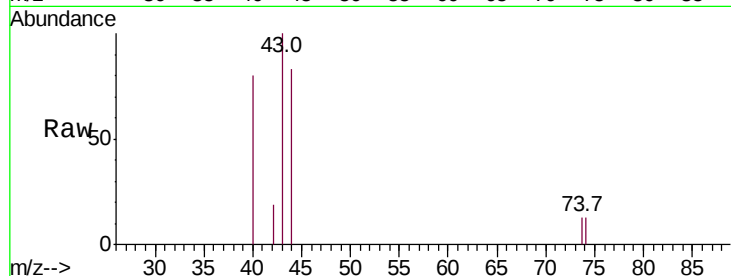
ClientSampled :

Tot Ion: 43 Resp: 3377

Ion Ratio Lower Upper

43 100

74 8.2 20.5 30.7#



#20

Methylene Chloride

Concen: 13.929 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Tgt Ion: 84 Resp: 99143

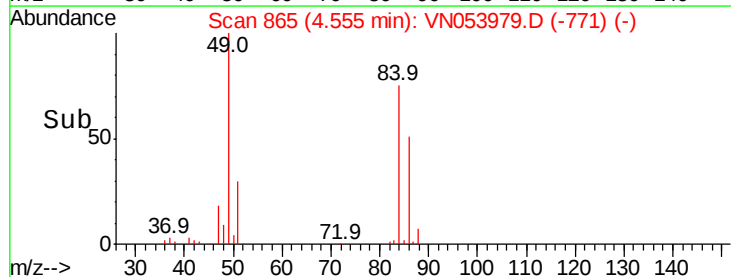
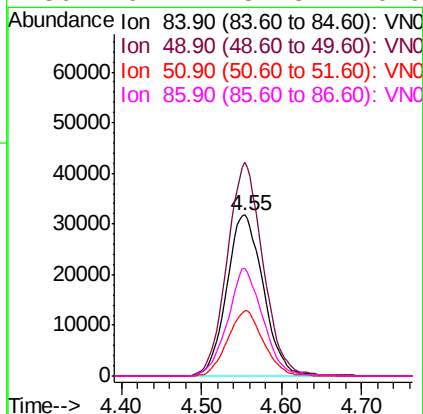
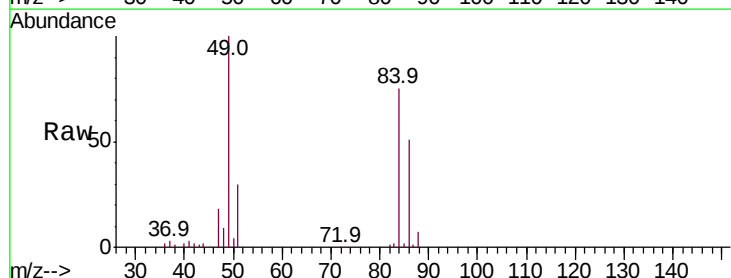
Ion Ratio Lower Upper

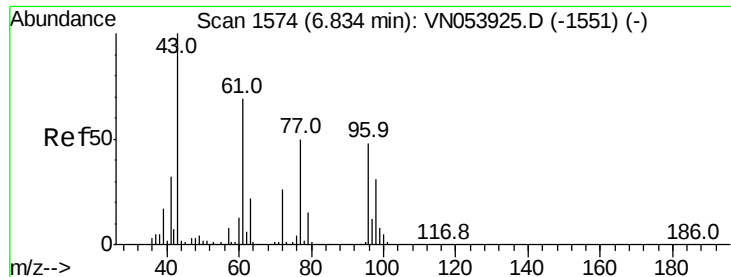
84 100

49 132.8 89.7 134.5

51 40.5 27.8 41.8

86 67.2 51.3 76.9

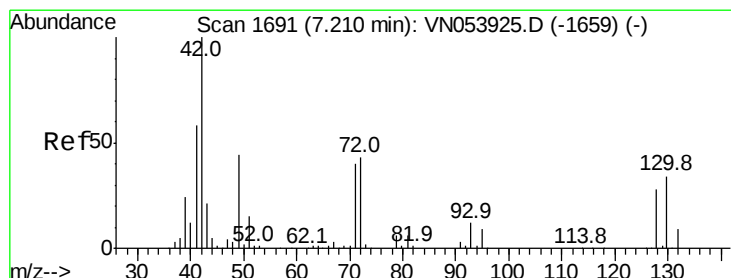
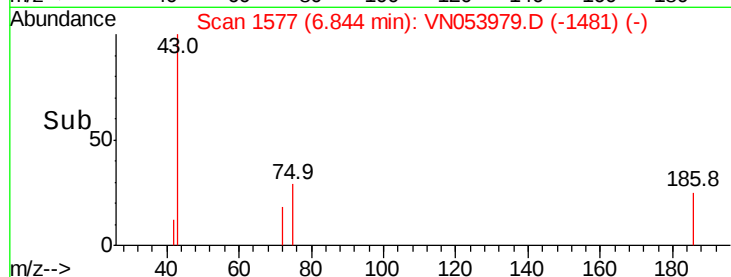
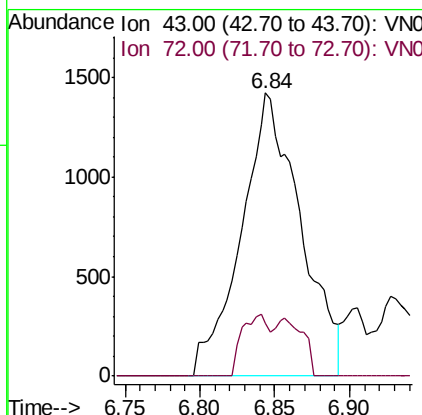
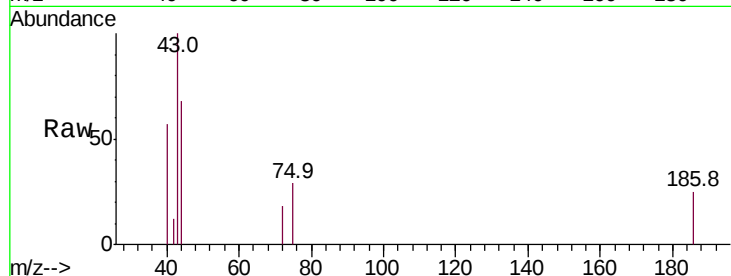




#25
2-Butanone
Concen: 1.386 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

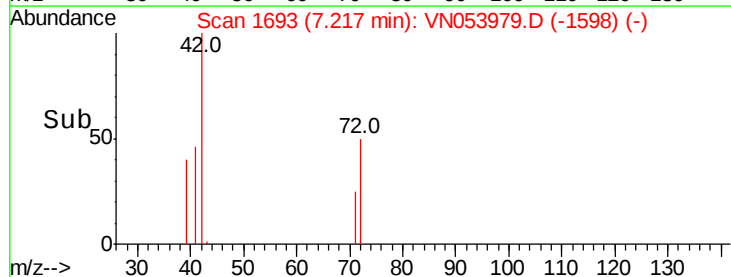
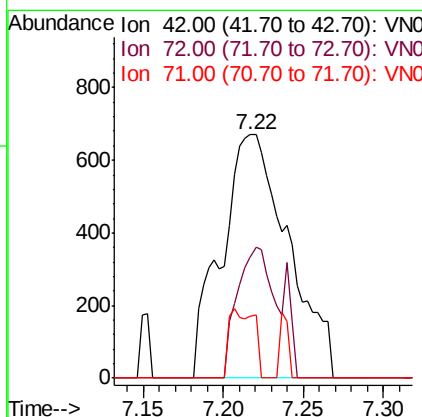
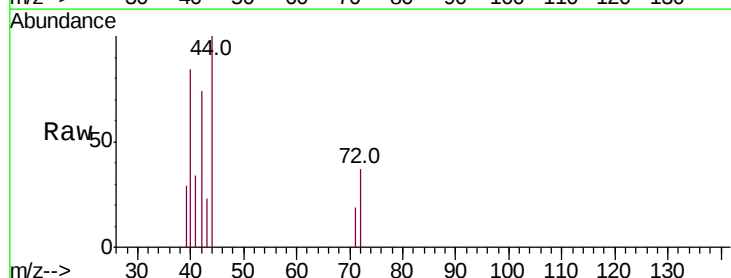
Instrument :
MSVOA_N
ClientSampleId :

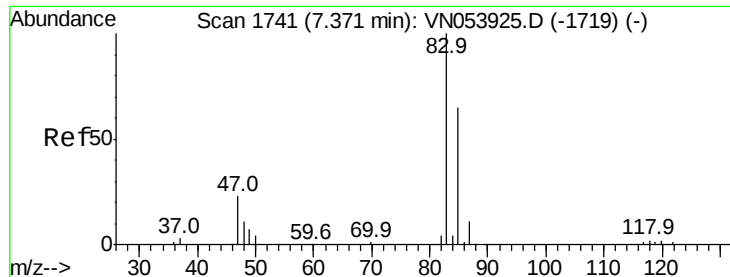
Tot Ion: 43 Resp: 3915
Ion Ratio Lower Upper
43 100
72 18.5 22.1 33.1#



#29
Tetrahydrofuran
Concen: 1.025 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 42 Resp: 1927
Ion Ratio Lower Upper
42 100
72 28.7 36.9 55.3#
71 10.4 34.6 52.0#

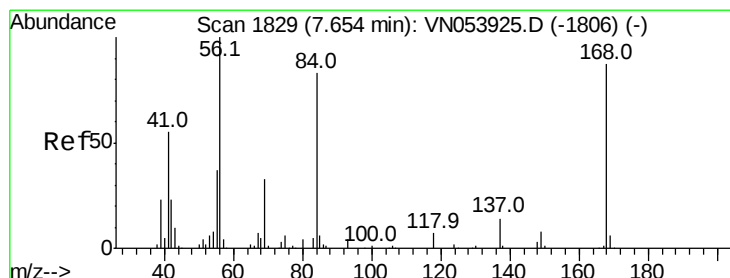
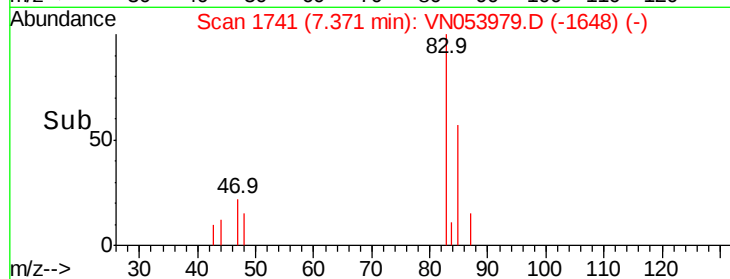
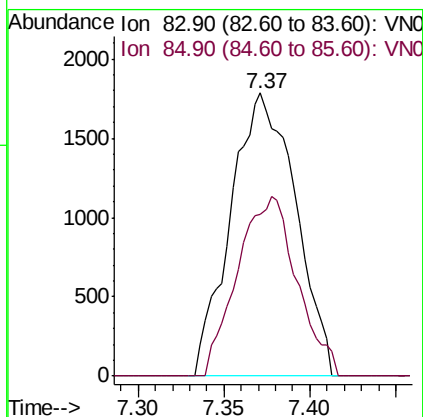
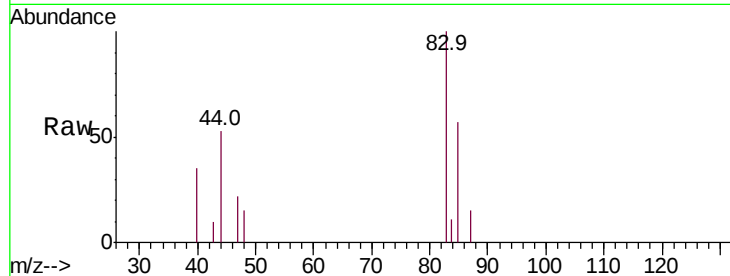




#30
Chloroform
Concen: 0.384 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

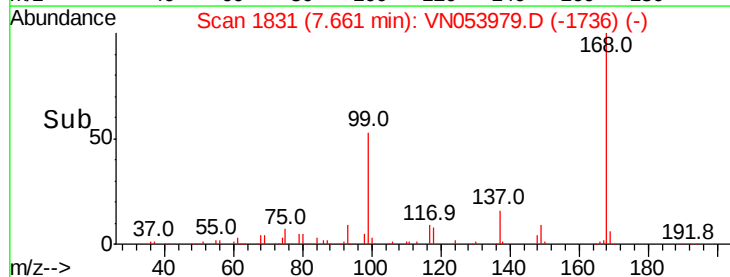
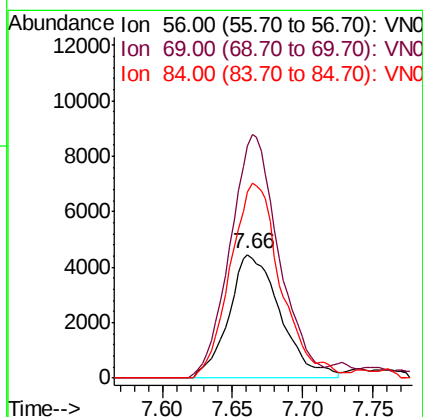
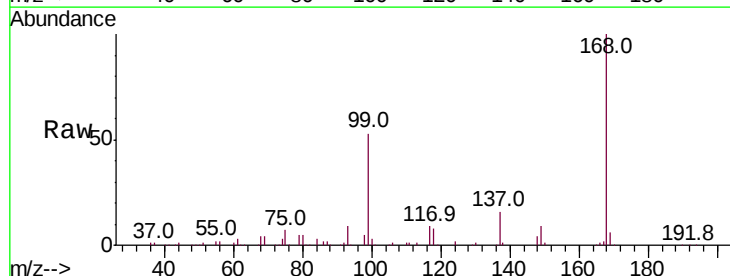
Instrument :
MSVOA_N
ClientSampleId :

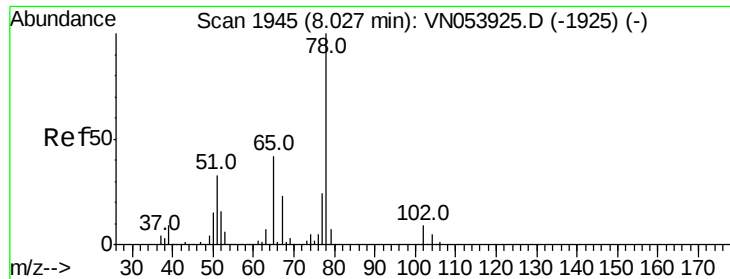
Tot Ion: 83 Resp: 4678
Ion Ratio Lower Upper
83 100
85 57.2 52.6 78.8



#31
Cyclohexane
Concen: 0.583 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 56 Resp: 11360
Ion Ratio Lower Upper
56 100
69 188.1 26.0 39.0#
84 150.7 69.1 103.7#

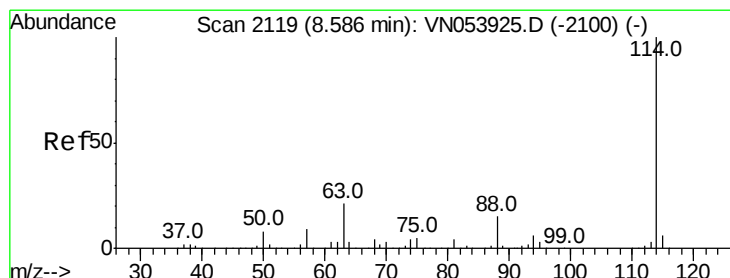
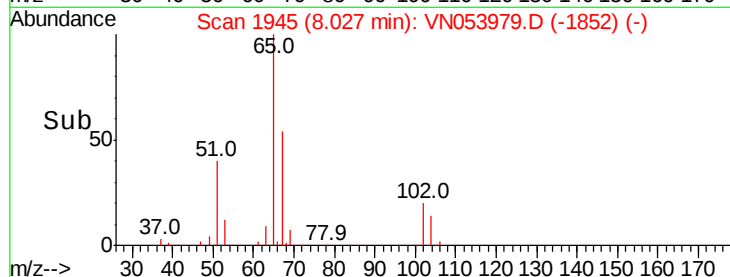
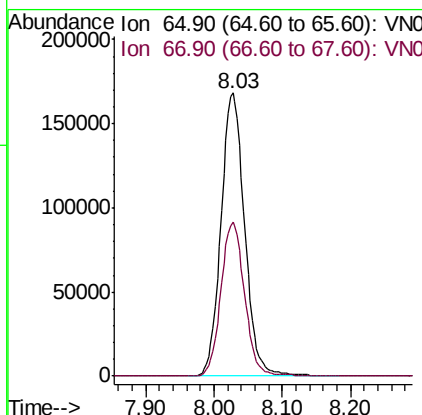
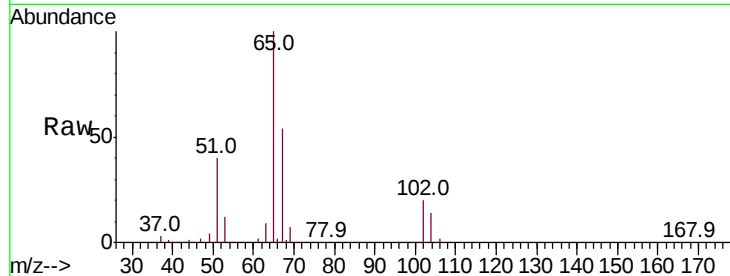




#33
 1,2-Dichloroethane-d4
 Concen: 56.407 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

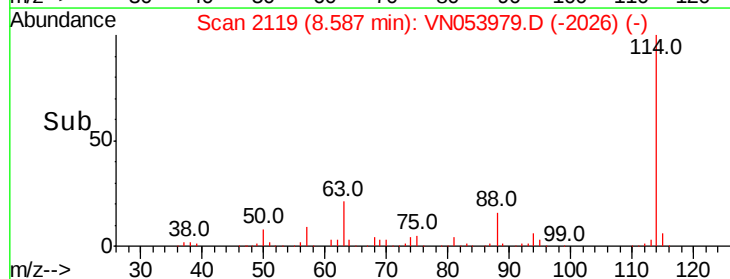
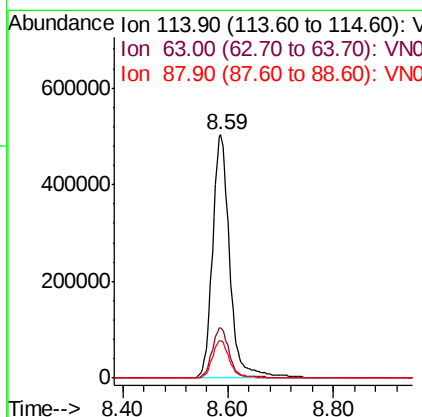
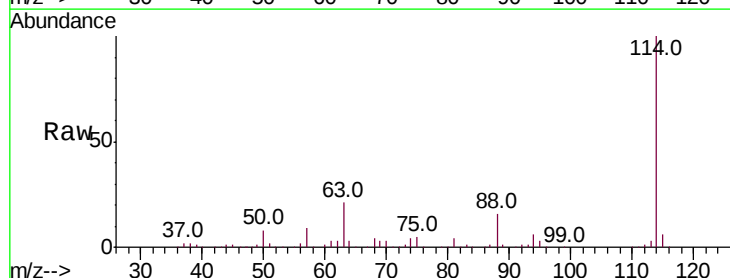
Instrument :
 MSVOA_N
 ClientSampleId :

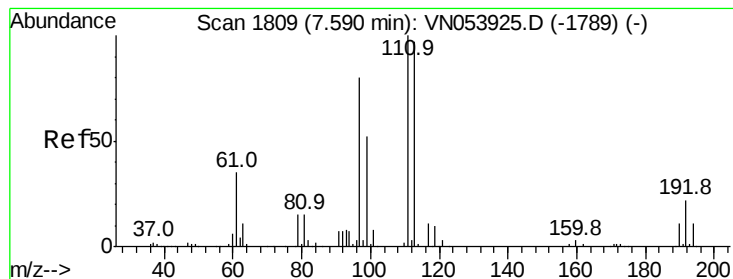
Tot Ion: 65 Resp: 405664
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

Tgt Ion: 114 Resp: 1140098
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.684 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :
MSVOA_N
ClientSampleId :

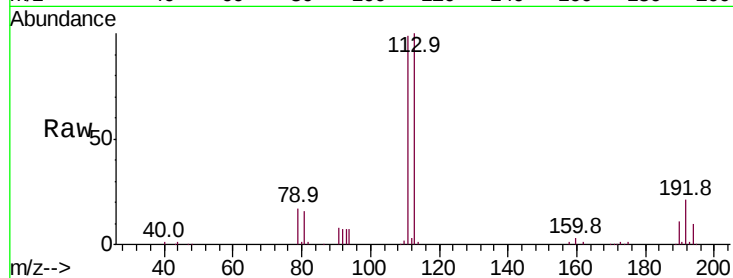
Tot Ion:113 Resp: 366297

Ion Ratio Lower Upper

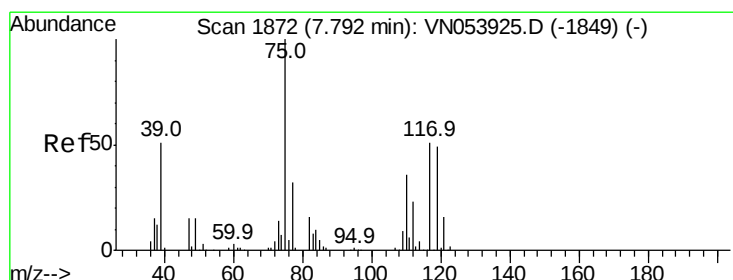
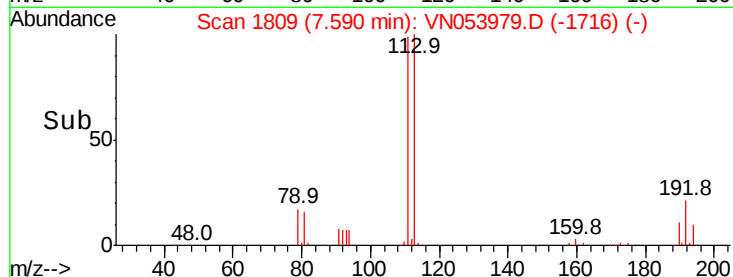
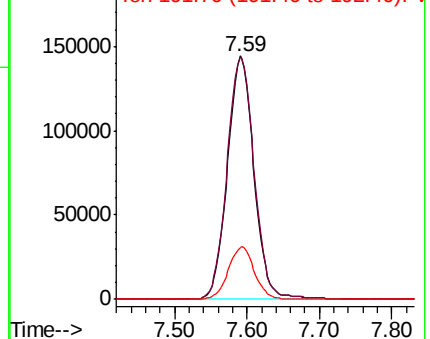
113 100

111 102.4 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: 4.118 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

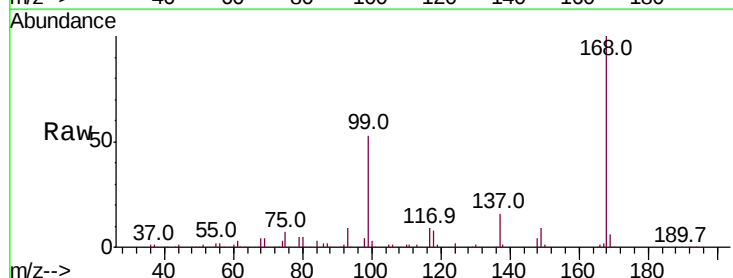
Tgt Ion: 75 Resp: 43656

Ion Ratio Lower Upper

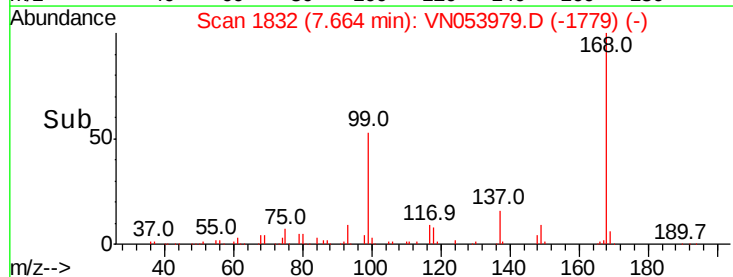
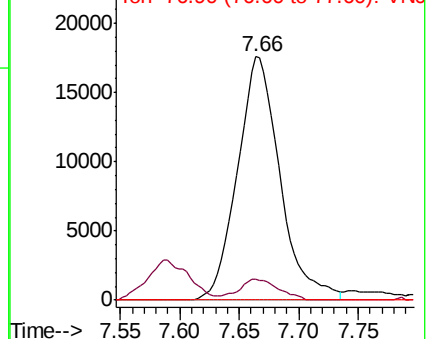
75 100

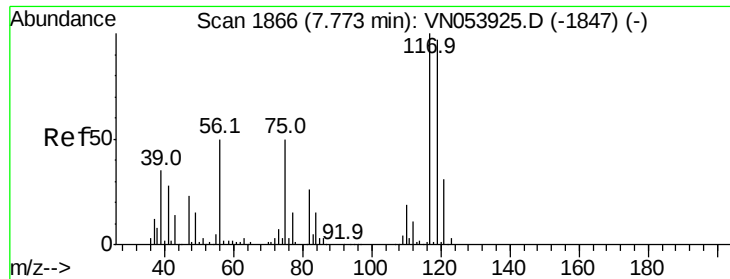
110 8.0 19.0 57.0#

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

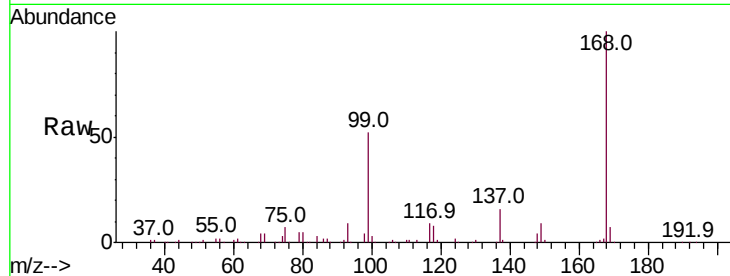




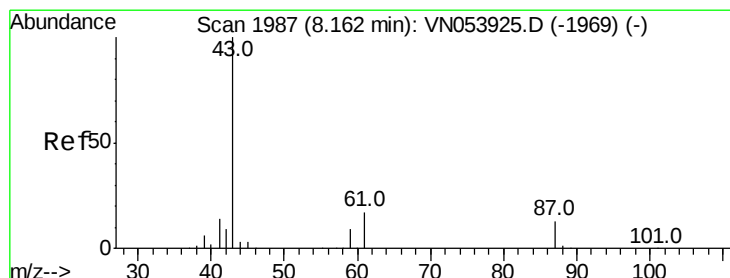
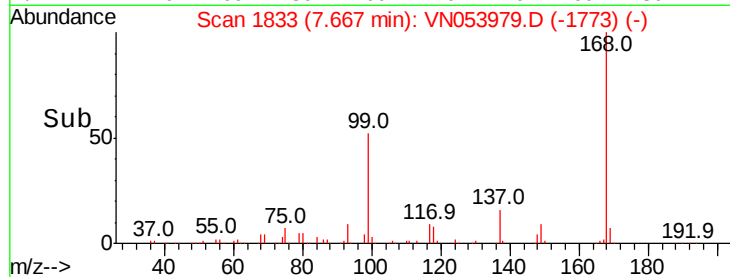
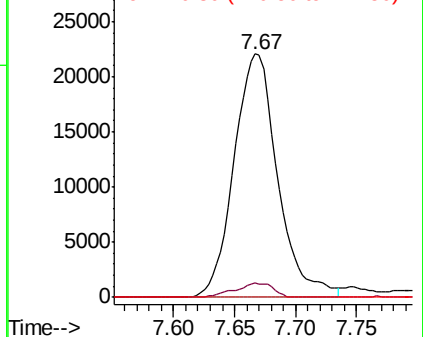
#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 54697
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.6 36.8#

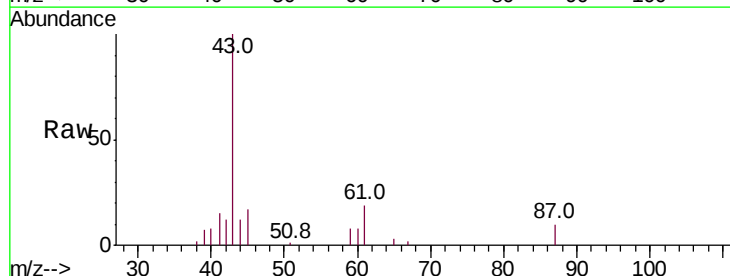


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

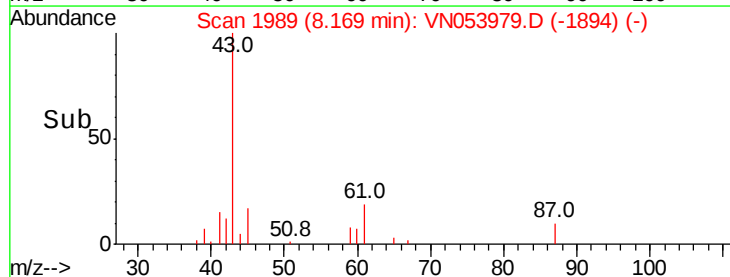
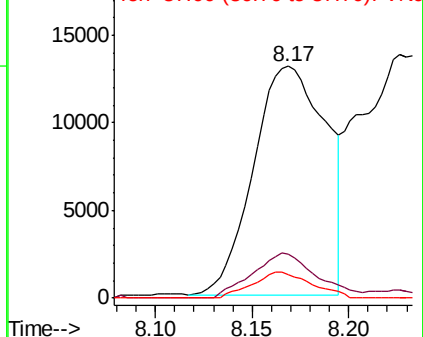


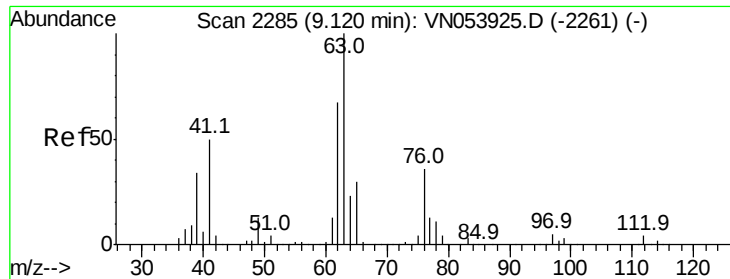
#43
Isopropyl Acetate
Concen: 2.659 ug/l
RT: 8.17 min Scan# 1899
Delta R.T. 0.01 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 43 Resp: 33990
Ion Ratio Lower Upper
43 100
61 17.4 17.4 26.0
87 9.3 11.5 17.3#



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





#45

1,2-Dichloropropane

Concen: 0.225 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.15 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

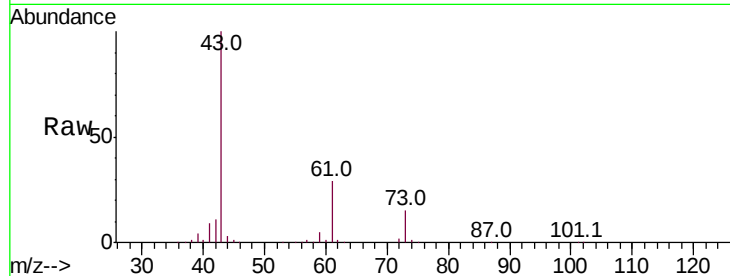
ClientSampleId :

Tot Ion: 63 Resp: 1974

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

1200

1000

800

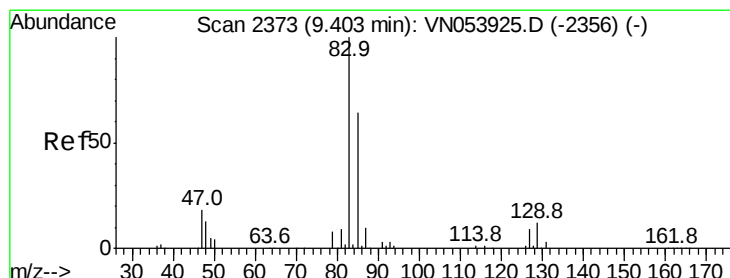
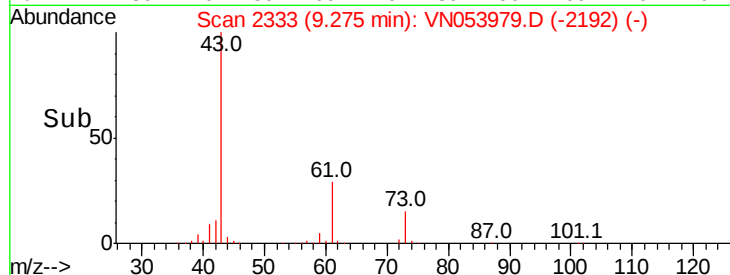
600

400

200

0

Time-->



#47

Bromodichloromethane

Concen: 0.242 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

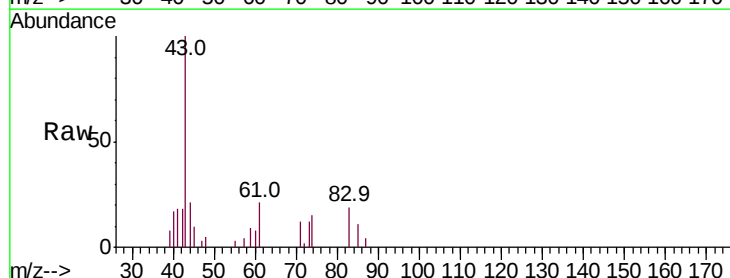
Tgt Ion: 83 Resp: 2605

Ion Ratio Lower Upper

83 100

85 56.4 51.8 77.6

127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V

9.41

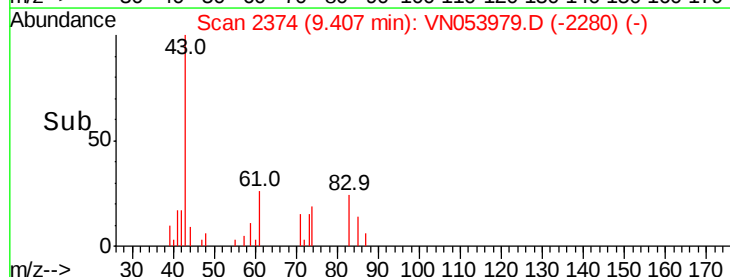
1500

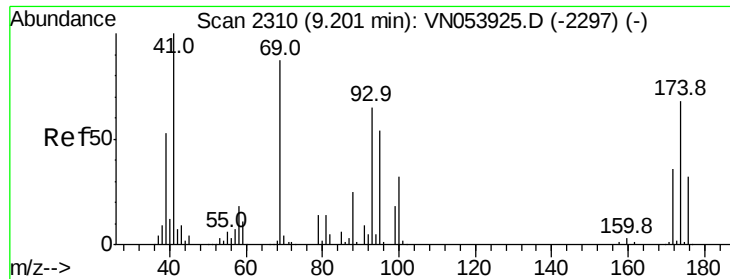
1000

500

0

Time-->

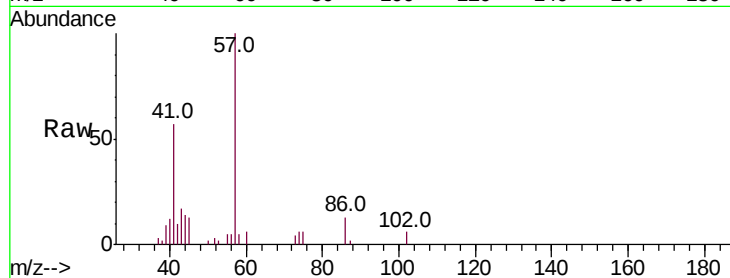




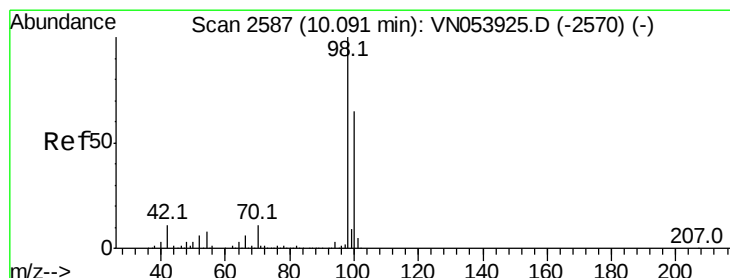
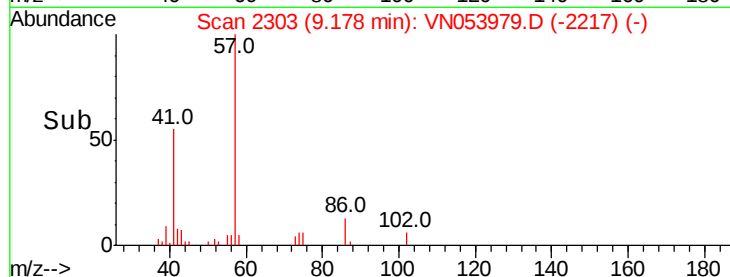
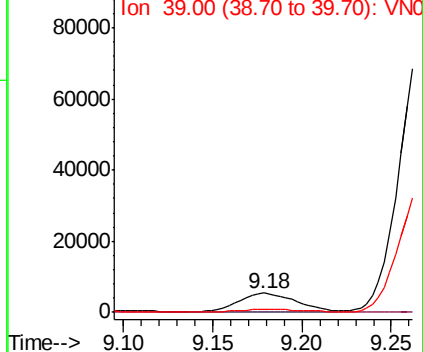
#48
Methvl methacrylate
Concen: 1.947 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 11446
Ion Ratio Lower Upper
41 100
69 0.0 74.8 112.2#
39 20.7 39.0 58.6#

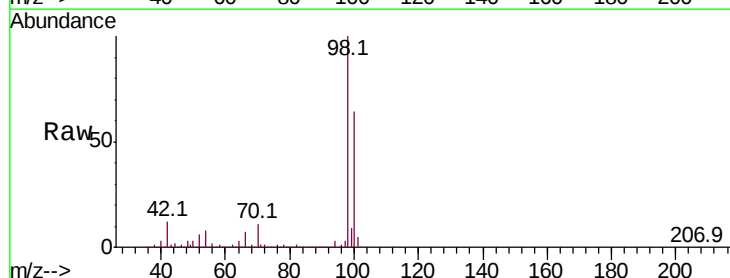


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

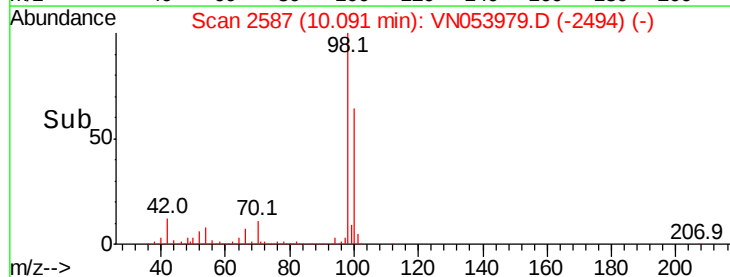
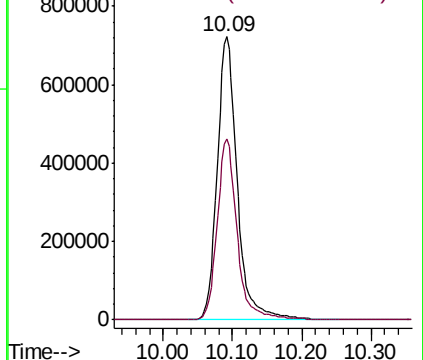


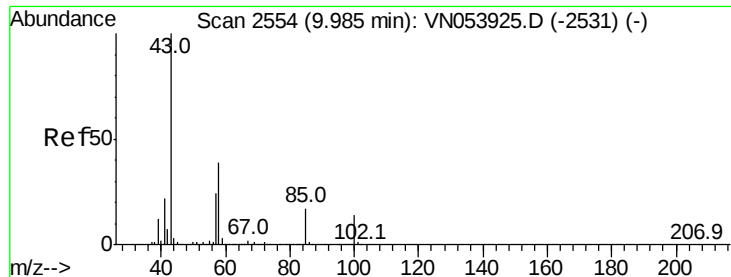
#50
Toluene-d8
Concen: 52.766 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion: 98 Resp: 1448143
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 1.550 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

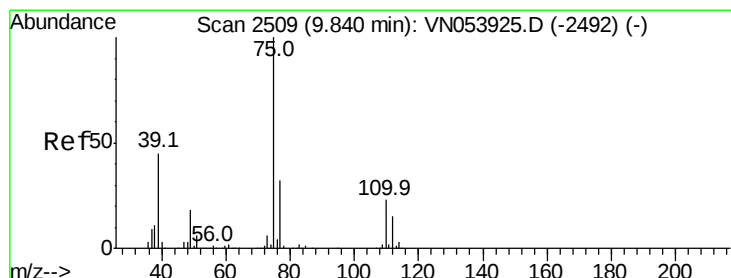
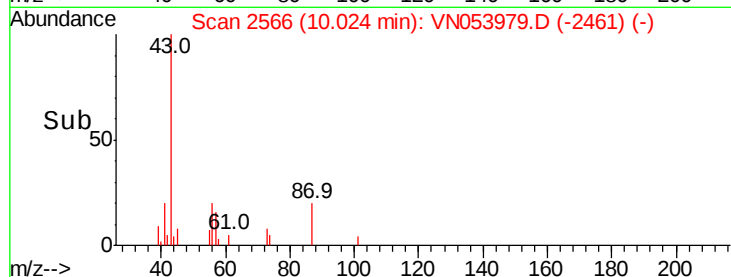
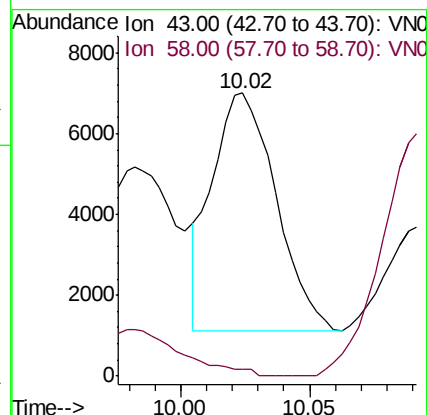
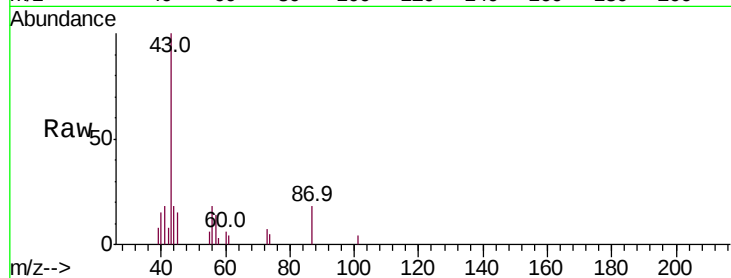
ClientSampled :

Tot Ion: 43 Resp: 10183

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#



#54

cis-1,3-Dichloropropene

Concen: 5.534 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

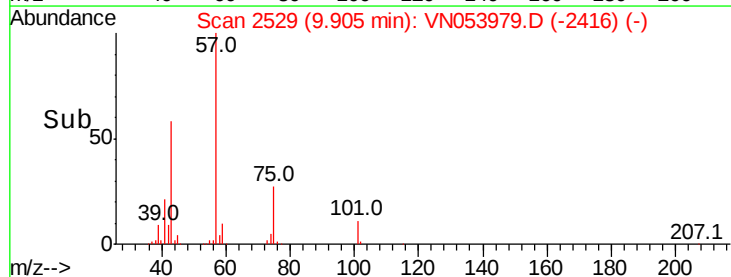
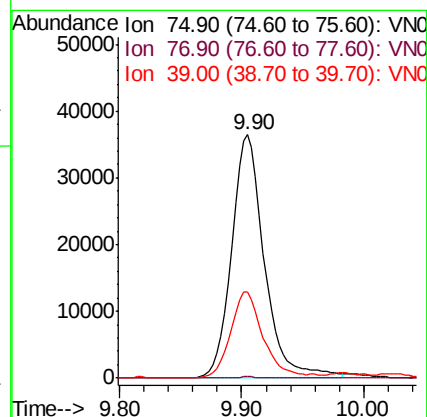
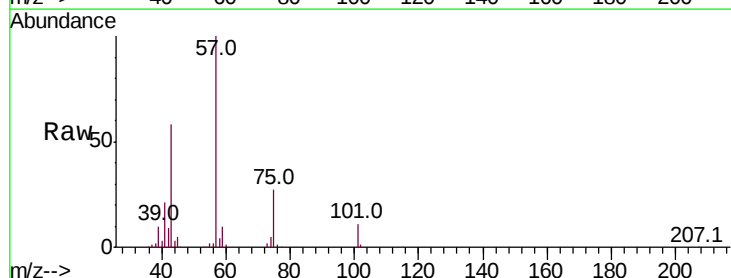
Tgt Ion: 75 Resp: 68247

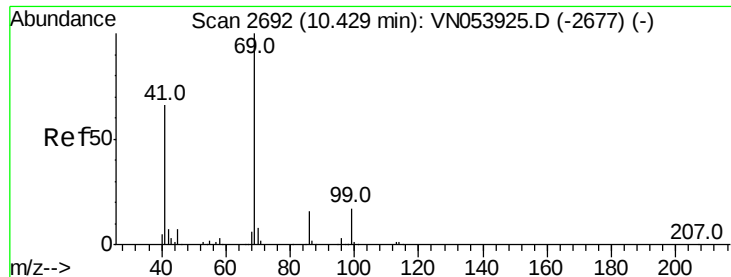
Ion Ratio Lower Upper

75 100

77 0.6 25.8 38.6#

39 35.3 31.4 47.0





#56

Ethyl methacrylate

Concen: 2.107 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

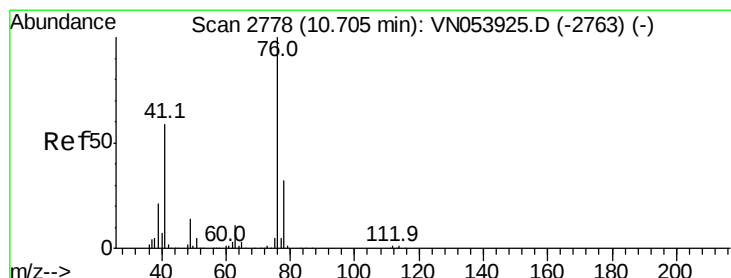
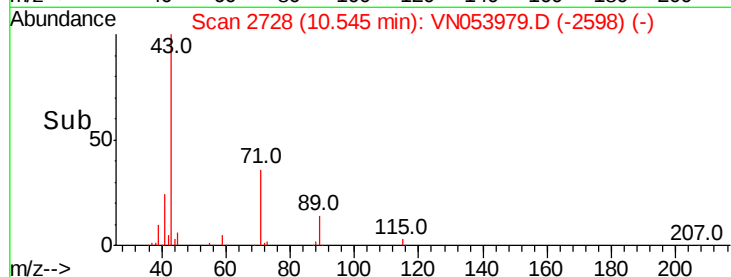
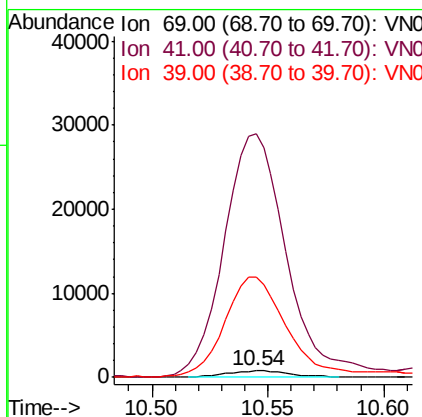
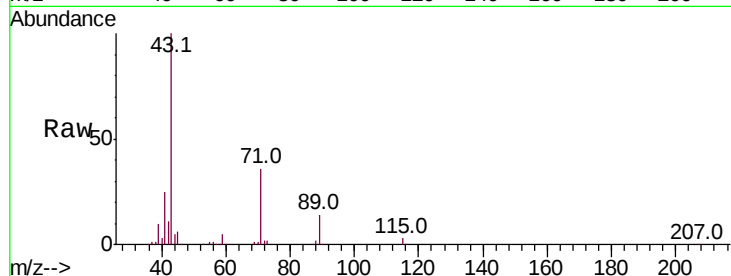
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 69 Resp: 1491

Ion	Ratio	Lower	Upper
69	100		
41	3683.1	47.5	71.3#
39	1498.8	23.4	35.0#



#57

1,3-Dichloropropane

Concen: 1.120 ug/l

RT: 10.76 min Scan# 2796

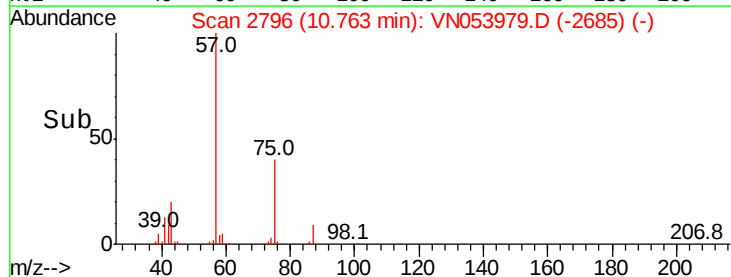
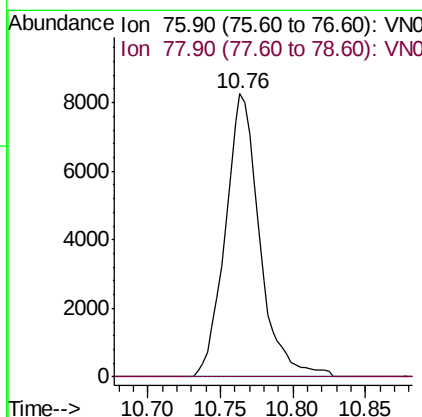
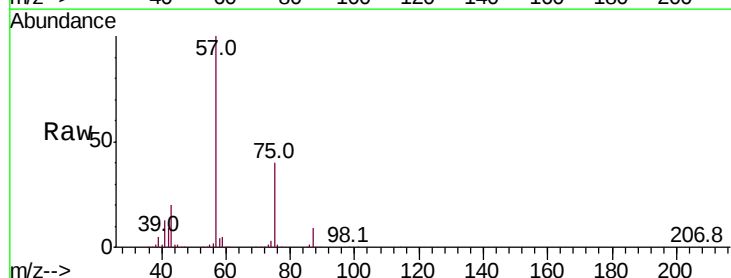
Delta R.T. 0.06 min

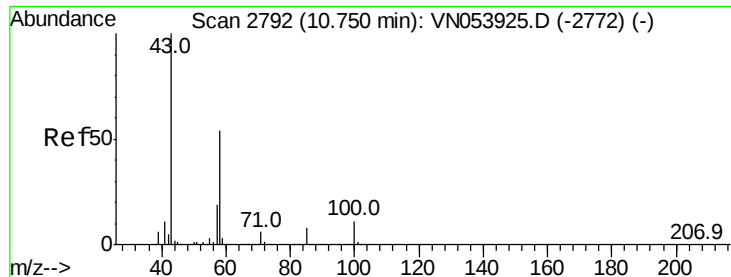
Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Tgt Ion: 76 Resp: 13550

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#





#59

2-Hexanone

Concen: 44.727 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

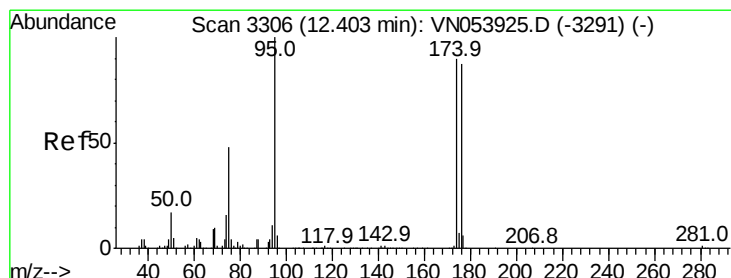
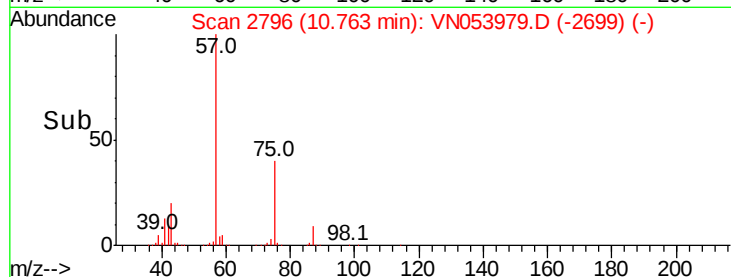
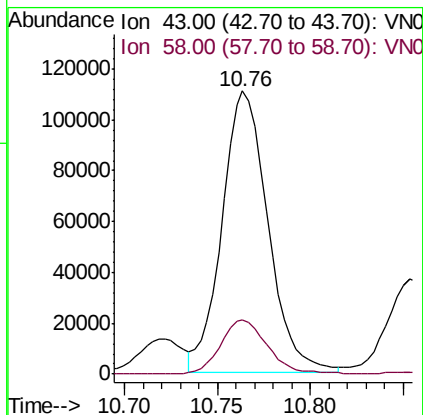
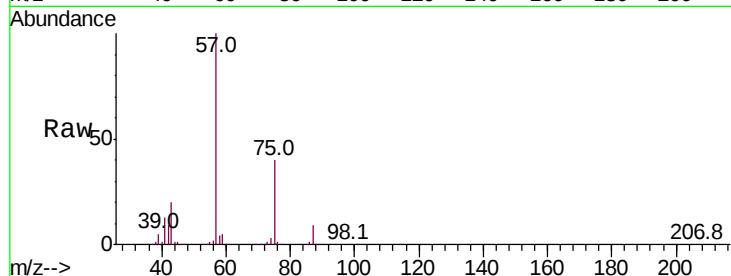
ClientSampleId :

Tot Ion: 43 Resp: 191074

Ion Ratio Lower Upper

43 100

58 19.9 29.1 87.4#



#62

4-Bromofluorobenzene

Concen: 53.522 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

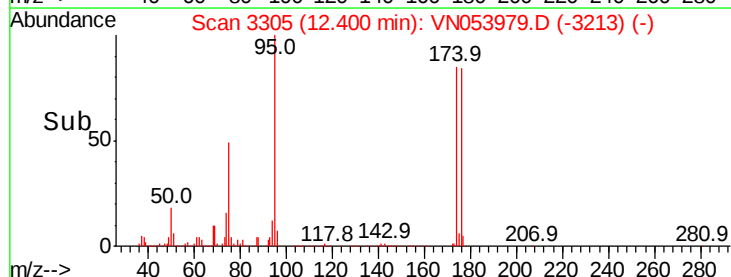
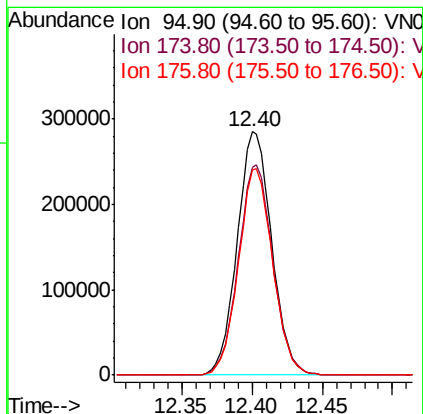
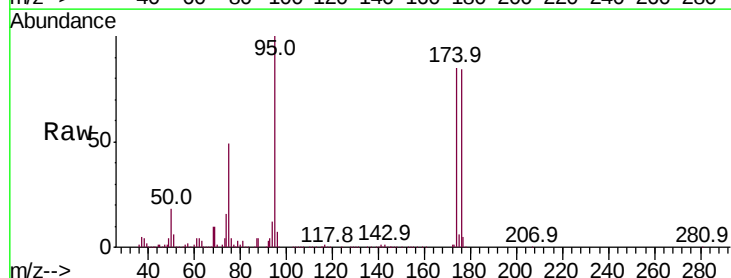
Tgt Ion: 95 Resp: 489396

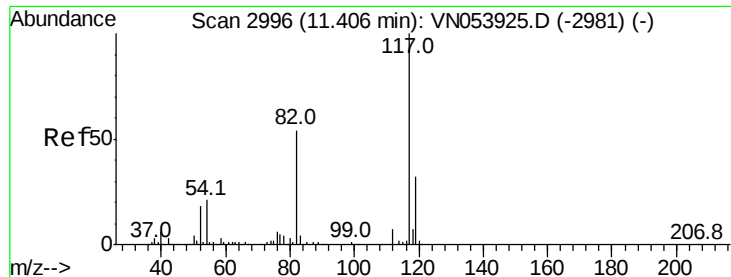
Ion Ratio Lower Upper

95 100

174 86.4 0.0 188.8

176 84.1 0.0 182.6

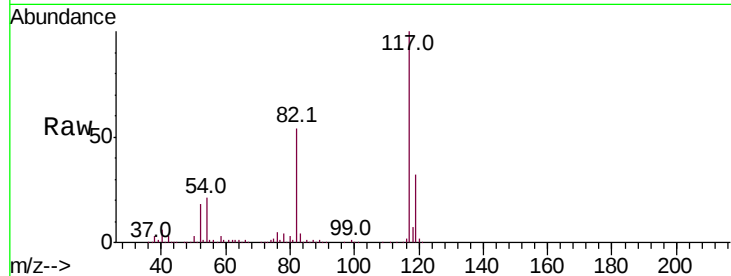




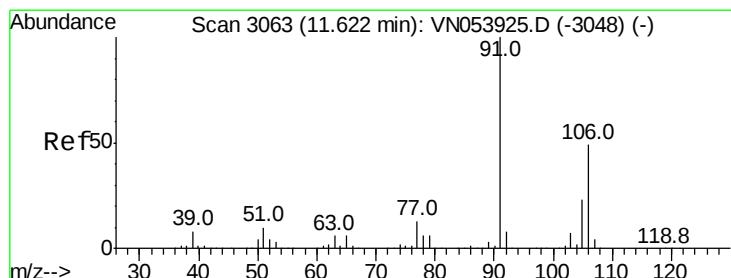
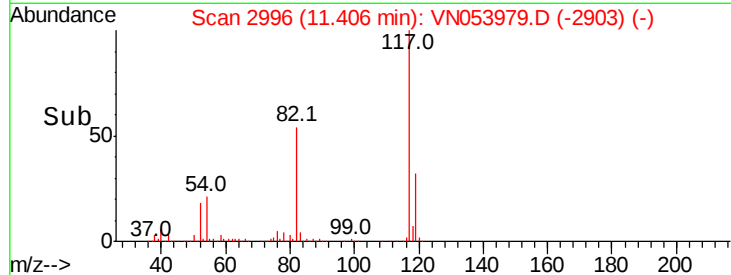
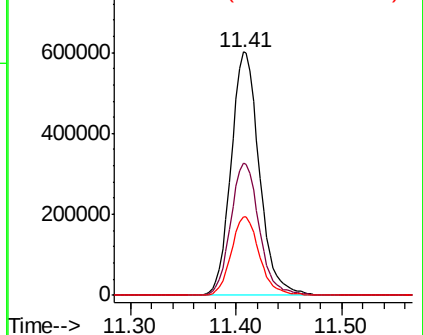
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1115347
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 32.1 25.3 37.9

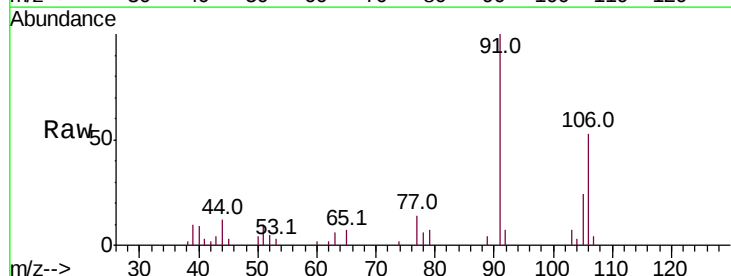


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

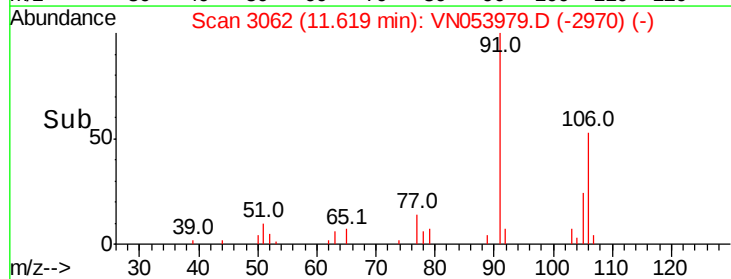
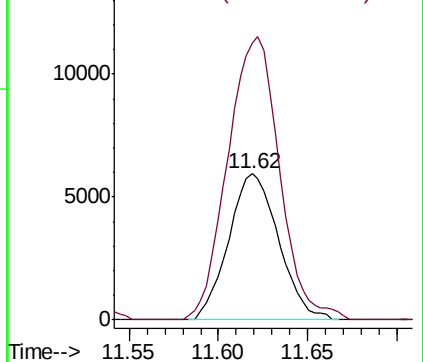


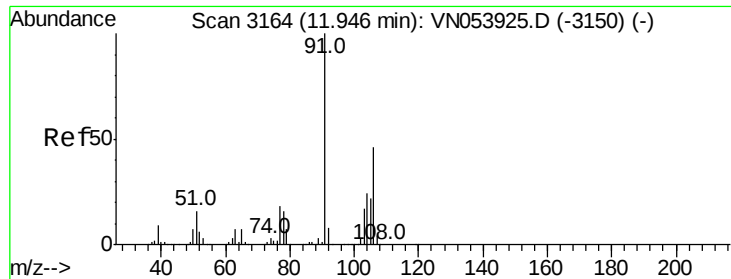
#68
m/p-Xylenes
Concen: 0.777 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion:106 Resp: 11576
Ion Ratio Lower Upper
106 100
91 201.6 158.9 238.3



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

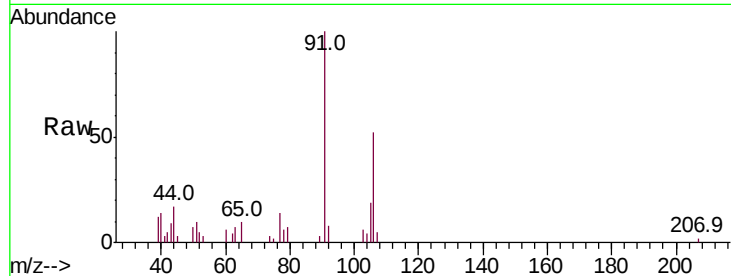




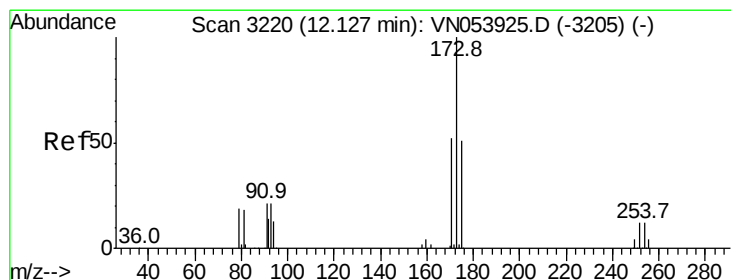
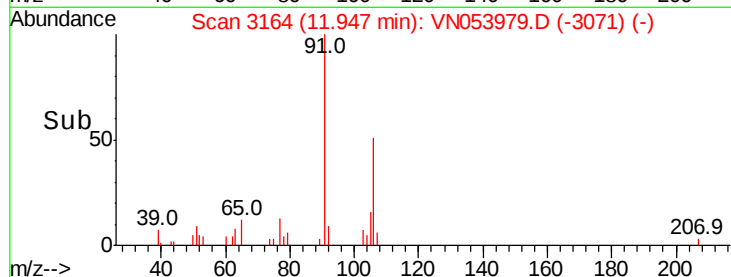
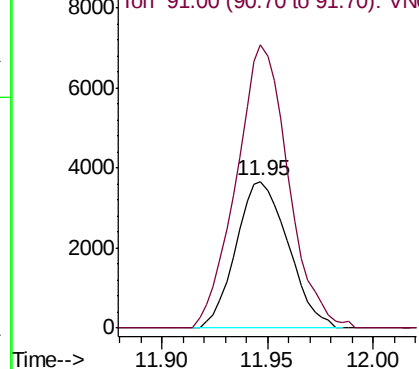
#69
o-Xylene
Concen: 0.430 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 6286
Ion Ratio Lower Upper
106 100
91 193.4 106.0 318.0

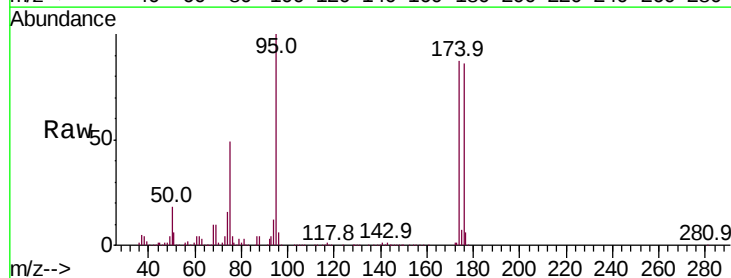


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

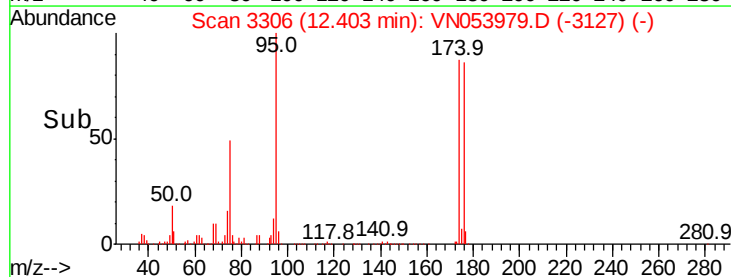
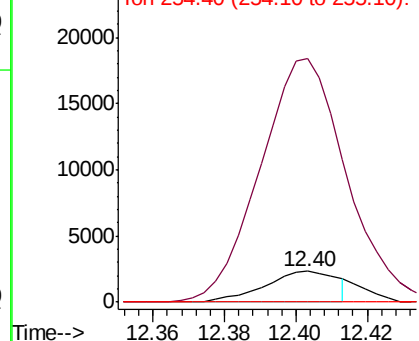


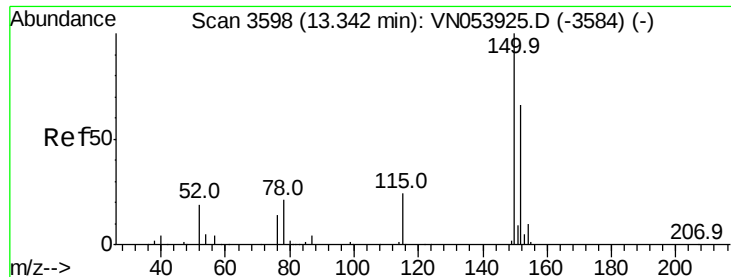
#71
Bromoform
Concen: 0.555 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053979.D
Acq: 27 Feb 2019 20:11

Tgt Ion:173 Resp: 3276
Ion Ratio Lower Upper
173 100
175 808.9 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: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

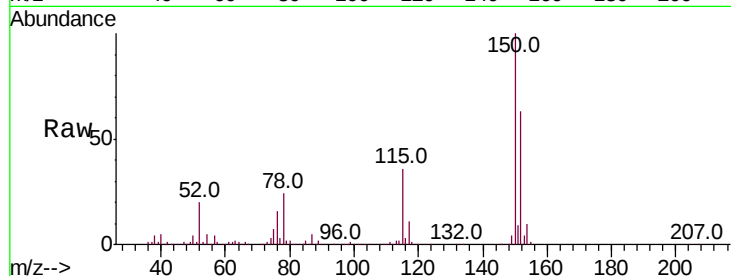
Tot Ion:152 Resp: 418666

Ion Ratio Lower Upper

152 100

115 57.4 27.2 81.6

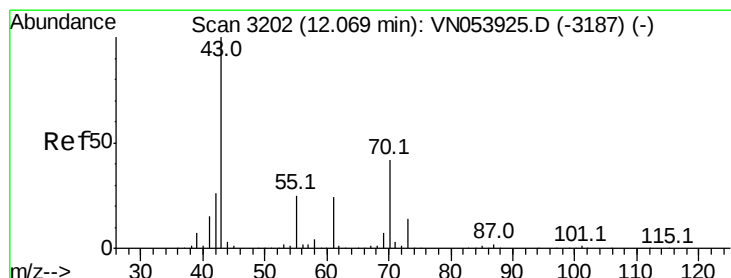
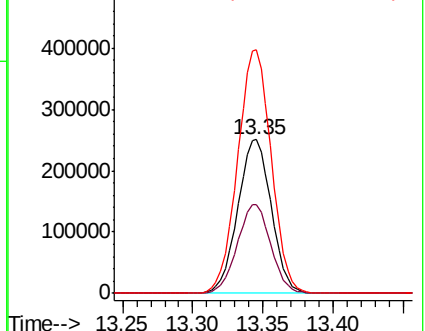
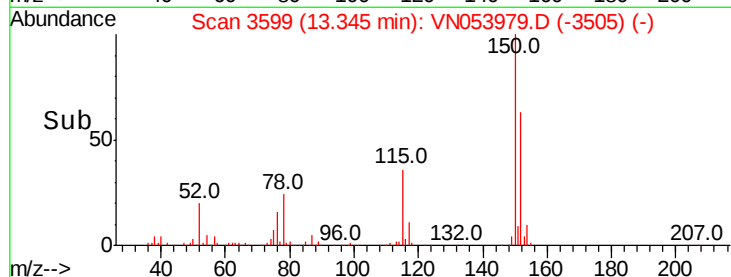
150 158.6 0.0 348.2



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: 2.231 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Tgt Ion: 43 Resp: 19053

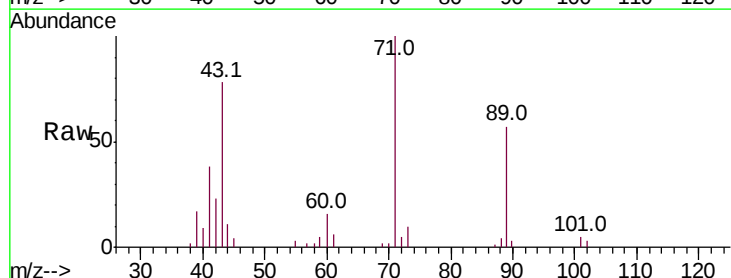
Ion Ratio Lower Upper

43 100

70 2.6 37.4 56.2#

55 4.6 21.4 32.0#

61 5.5 20.9 31.3#

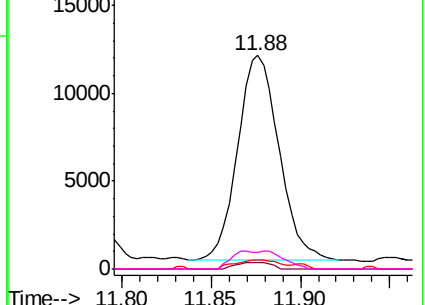
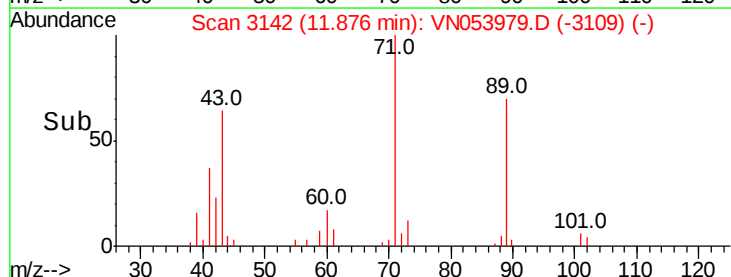


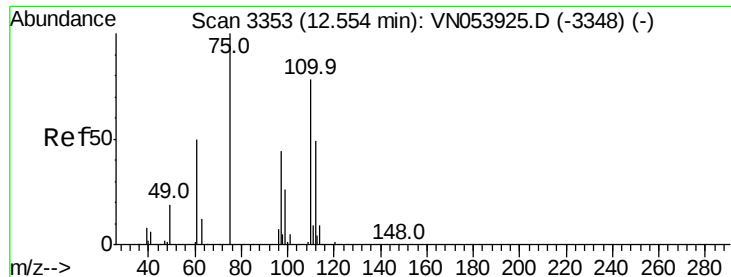
Abundance Ion 43.00 (42.70 to 43.70): V

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: 35.665 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

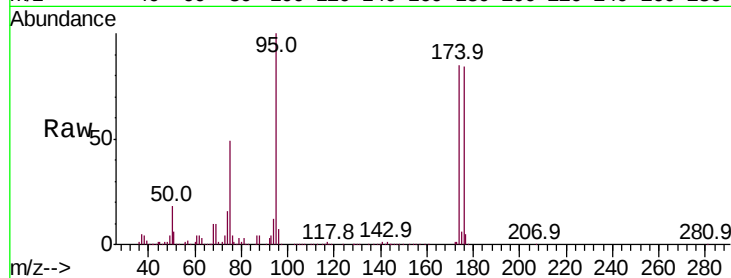
ClientSampleId :

Tot Ion: 75 Resp: 239532

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

150000

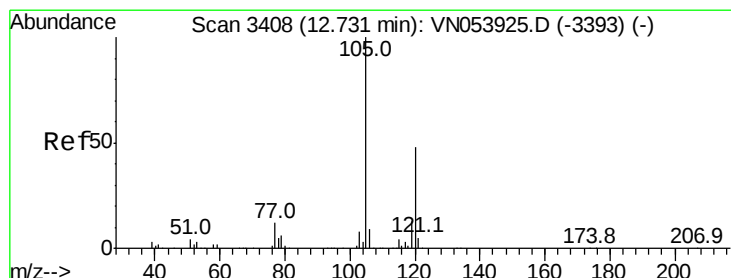
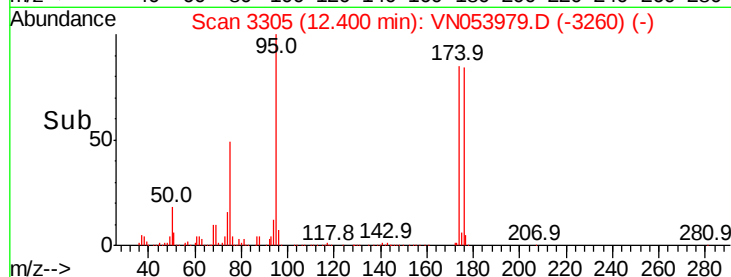
100000

50000

0

12.35 12.40 12.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.664 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053979.D

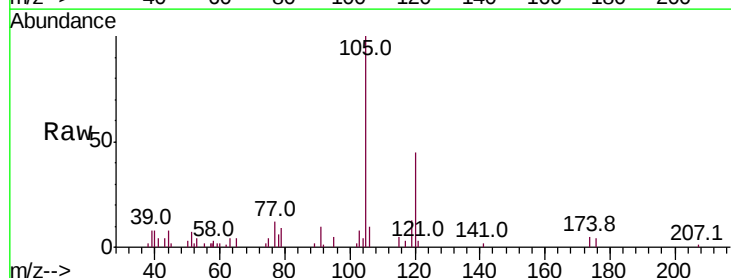
Acq: 27 Feb 2019 20:11

Tgt Ion:105 Resp: 17714

Ion Ratio Lower Upper

105 100

120 47.2 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

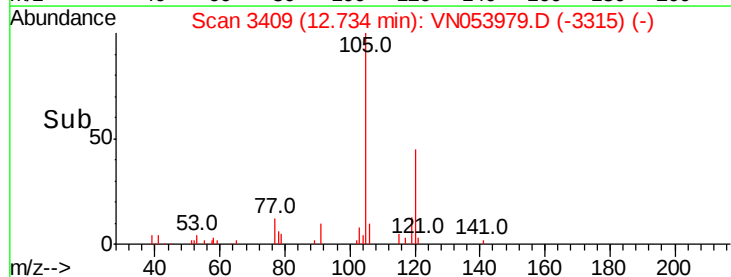
10000

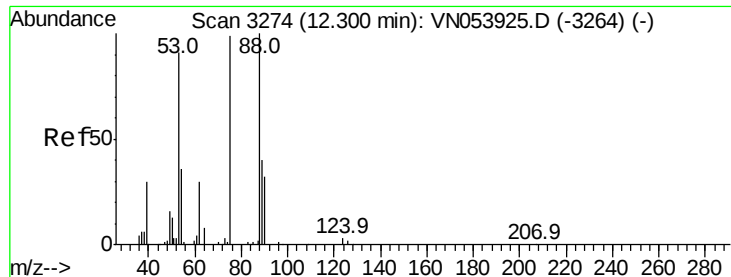
5000

0

12.70 12.73 12.75

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 112.724 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

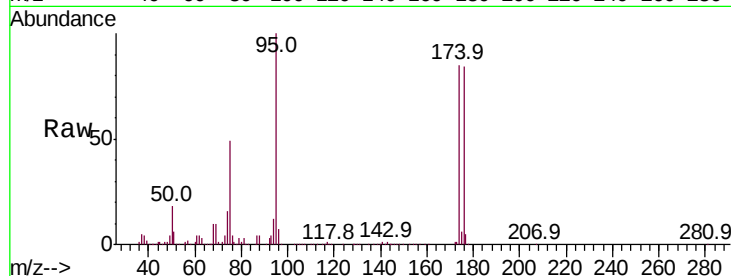
Tot Ion: 75 Resp: 239532

Ion Ratio Lower Upper

75 100

53 0.1 68.6 102.8#

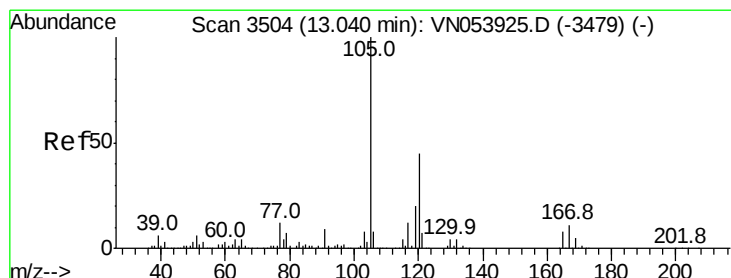
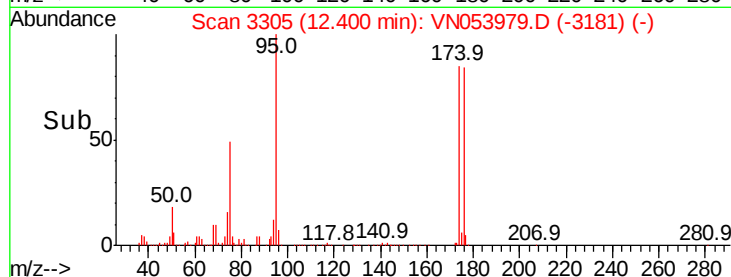
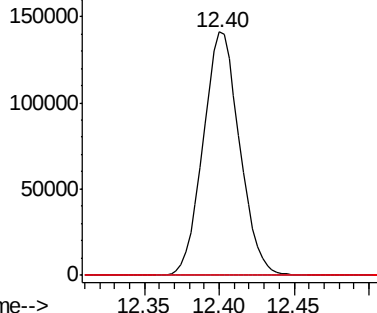
89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#84

1,2,4-Trimethylbenzene

Concen: 1.581 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053979.D

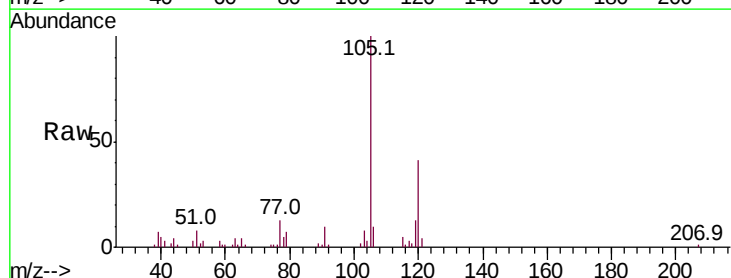
Acq: 27 Feb 2019 20:11

Tgt Ion: 105 Resp: 42117

Ion Ratio Lower Upper

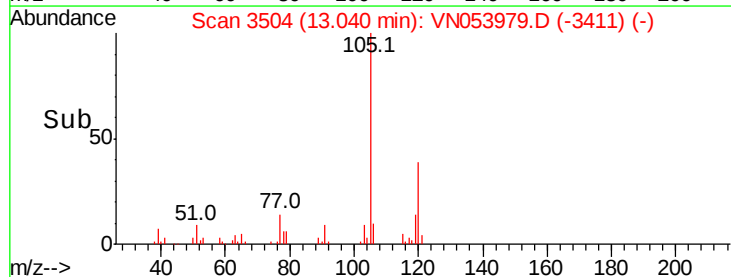
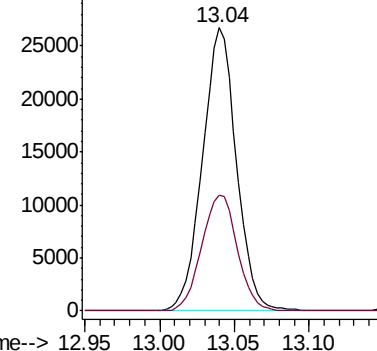
105 100

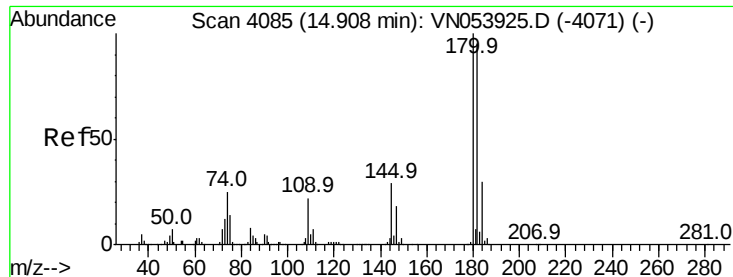
120 43.0 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#93

1,2,4-Trichlorobenzene

Concen: 2.243 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

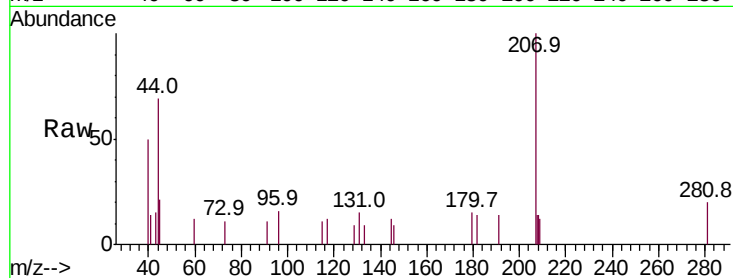
Tot Ion:180 Resp: 165

Ion Ratio Lower Upper

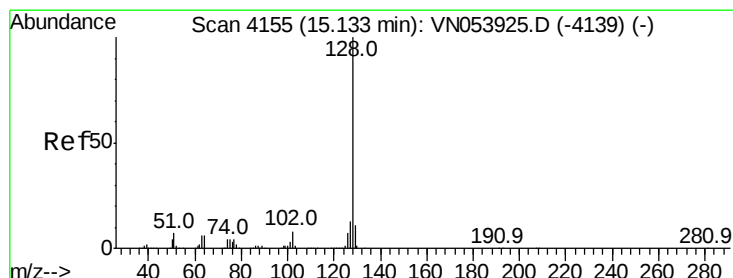
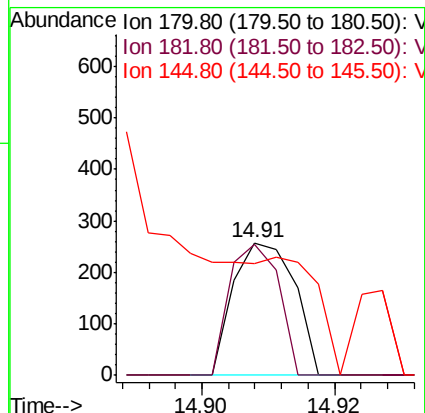
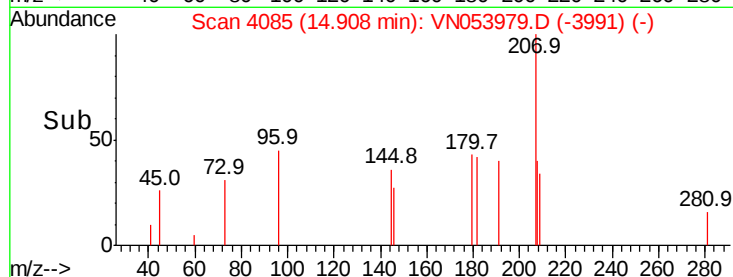
180 100

182 79.4 48.6 145.9

145 301.8 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



#95

Naphthalene

Concen: 3.761 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053979.D

Acq: 27 Feb 2019 20:11

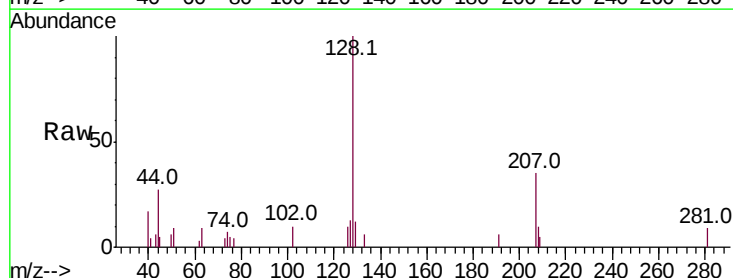
Tgt Ion:128 Resp: 9727

Ion Ratio Lower Upper

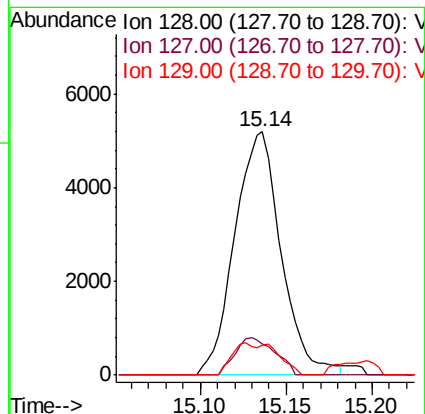
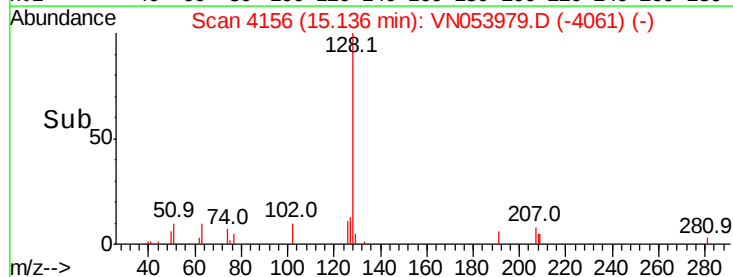
128 100

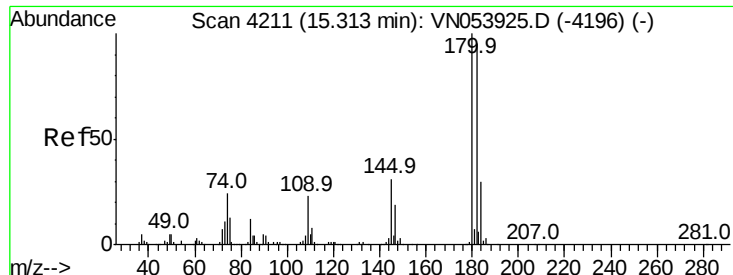
127 13.2 10.2 15.2

129 7.1 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





#96
 1,2,3-Trichlorobenzene
 Concen: 1.577 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN053979.D
 Acq: 27 Feb 2019 20:11

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	144.8	47.3	141.8#
145	149.7	14.4	43.0#

