

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN053999.D
 Acq On : 28 Feb 2019 13:00
 Operator : JC/SP
 Sample : K1645-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 01 03:54:55 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	578769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1087427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1077218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	398206	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	391617	57.72	ug/l	0.00
Spiked Amount			Recovery	=	115.44%	
35) Dibromofluoromethane	7.59	113	352111	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	10.09	98	1390568	53.12	ug/l	0.00
Spiked Amount			Recovery	=	106.24%	
62) 4-Bromofluorobenzene	12.40	95	466188	53.45	ug/l	0.00
Spiked Amount			Recovery	=	106.90%	

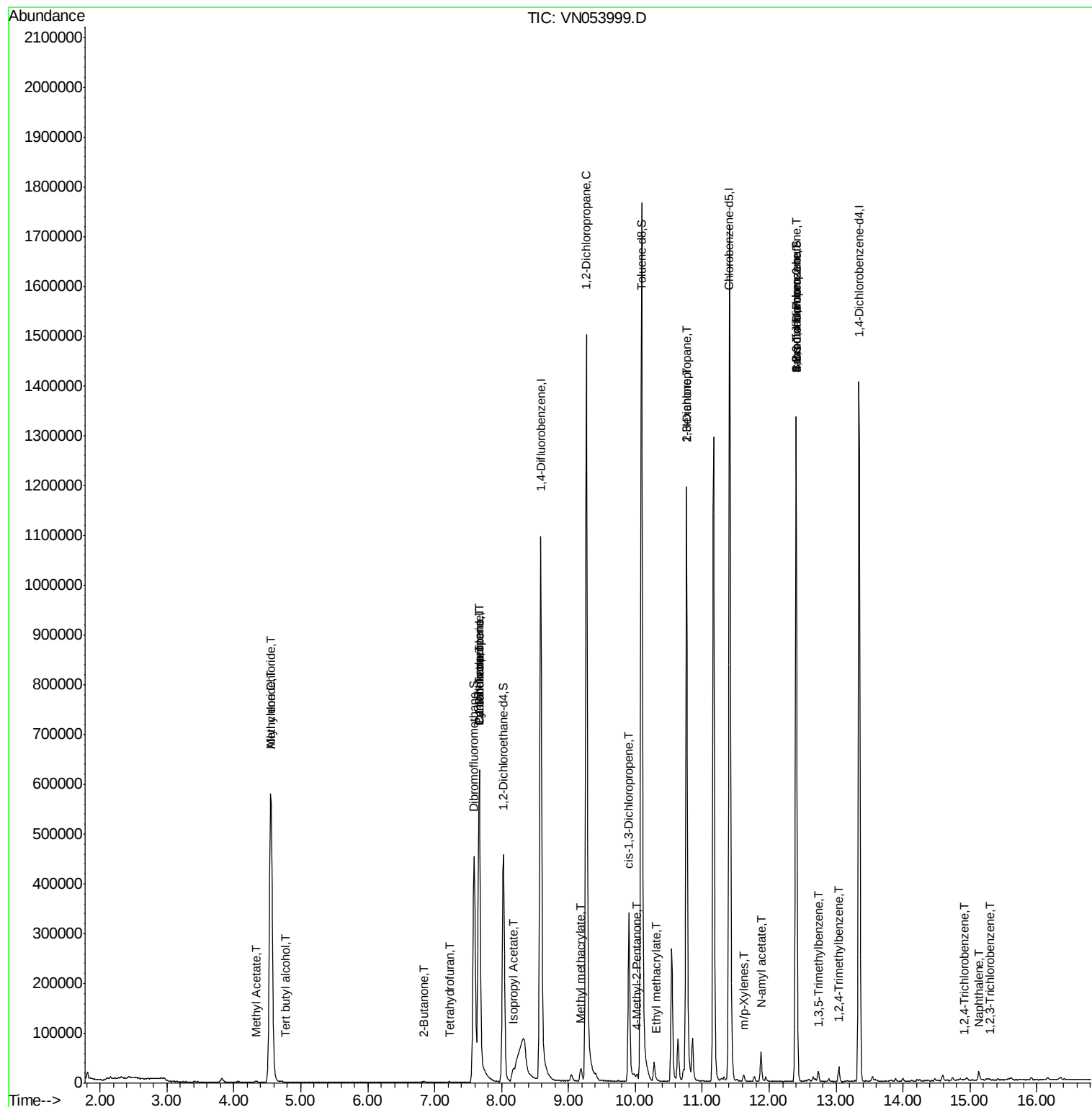
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.76	59	89	0.207	ug/l #	73
14) Allyl chloride	4.55	41	18303	1.827	ug/l #	27
16) Acetone	3.82	43	14186	Below Cal		97
18) Methyl Acetate	4.34	43	1814	0.382	ug/l #	82
20) Methylene Chloride	4.55	84	441695	65.780	ug/l	90
25) 2-Butanone	6.85	43	1114	0.418	ug/l	96
29) Tetrahydrofuran	7.22	42	693	0.391	ug/l #	64
31) Cyclohexane	7.67	56	10211	0.536	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	40085	3.964	ug/l #	48
38) Carbon Tetrachloride	7.67	117	51994	4.944	ug/l #	17
43) Isopropyl Acetate	8.17	43	35313	2.896	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	1776	0.212	ug/l #	44
48) Methyl methacrylate	9.18	41	10341	1.844	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	9073	1.448	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	65787	5.593	ug/l #	69
56) Ethyl methacrylate	10.32	69	62	1.962	ug/l #	29
57) 1,3-Dichloropropane	10.76	76	12828	1.111	ug/l #	43
59) 2-Hexanone	10.76	43	183607	45.061	ug/l #	48
68) m/p-Xylenes	11.62	106	4114	0.286	ug/l	84
71) Bromoform	12.40	173	3385	0.594	ug/l #	1
74) N-amyl acetate	11.88	43	19098	2.351	ug/l #	49
76) 1,2,3-Trichloropropane	12.40	75	224458	35.138	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9992	0.394	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	224458	111.058	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	17255	0.681	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	219	2.251	ug/l #	54
95) Naphthalene	15.13	128	15286	4.119	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	491	1.626	ug/l	67

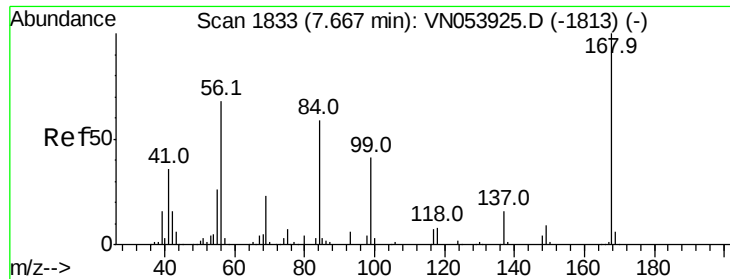
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN053999.D

Acq: 28 Feb 2019 13:00

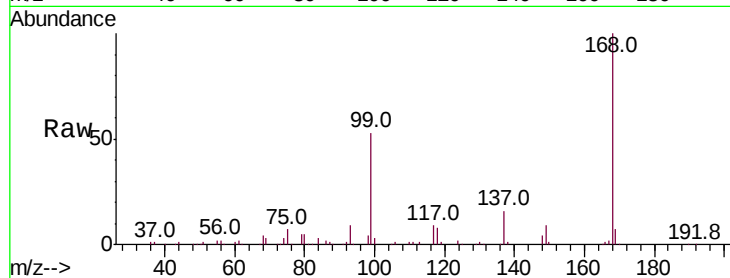
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 578769

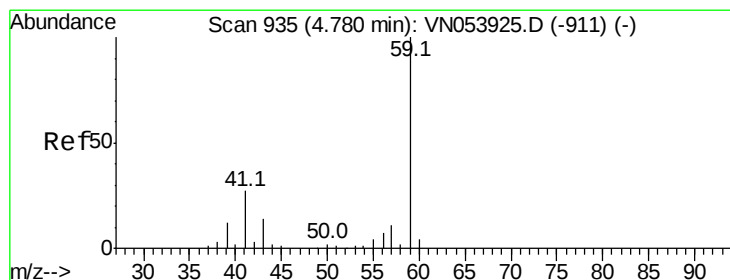
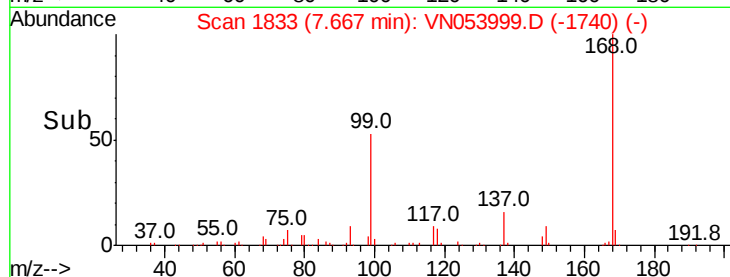
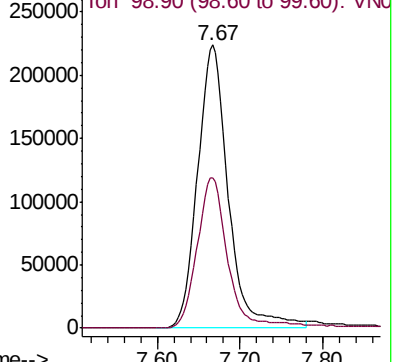
Ion Ratio Lower Upper

168 100

99 53.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)



#11

Tert butyl alcohol

Concen: 0.207 ug/l

RT: 4.76 min Scan# 930

Delta R.T. -0.02 min

Lab File: VN053999.D

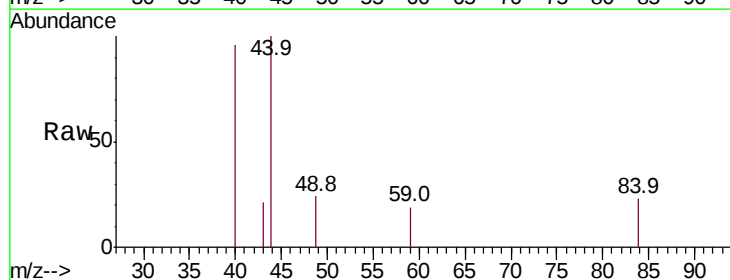
Acq: 28 Feb 2019 13:00

Tgt Ion: 59 Resp: 89

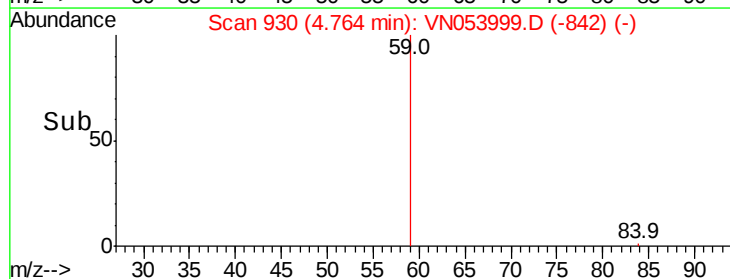
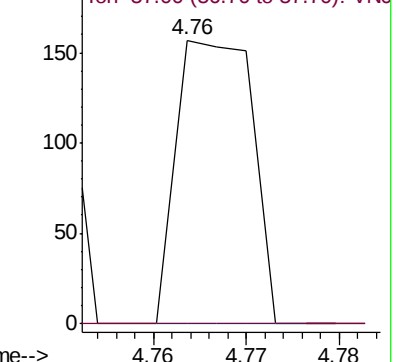
Ion Ratio Lower Upper

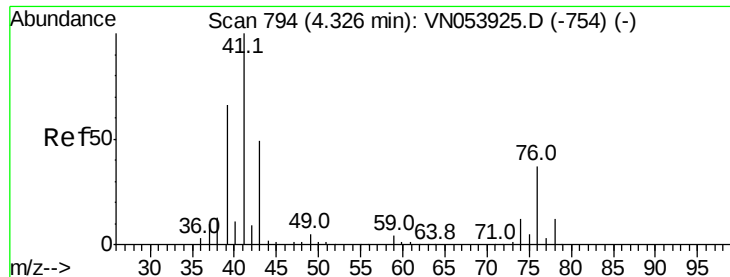
59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN053925.D (-911) (-)





#14

Allvl chloride

Concen: 1.827 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.22 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

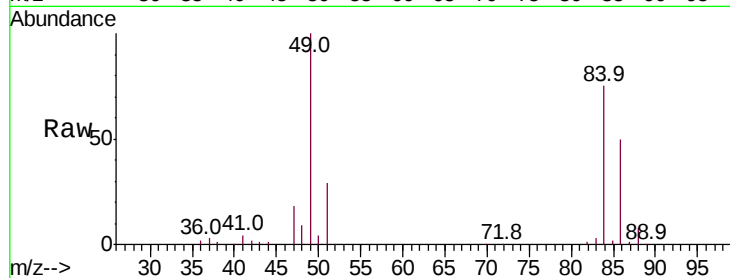
Tot Ion: 41 Resp: 18303

Ion Ratio Lower Upper

41 100

39 0.2 48.8 73.2#

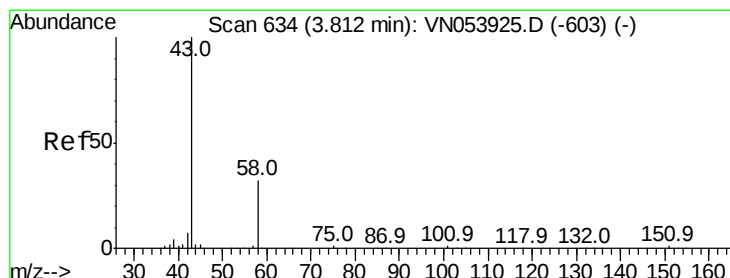
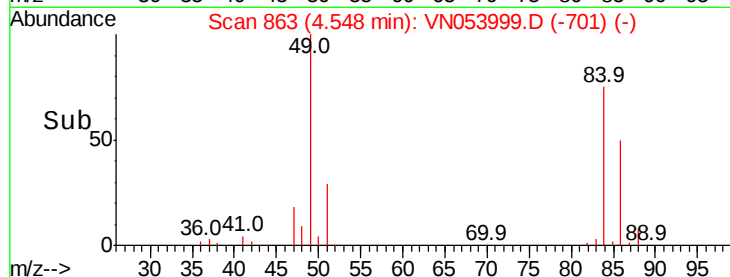
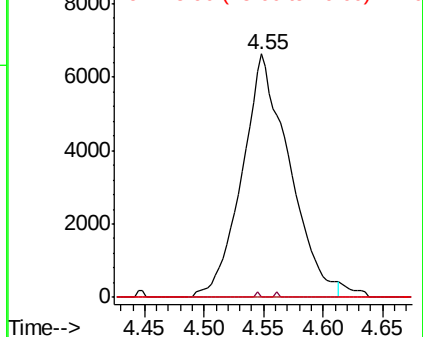
76 0.0 30.9 46.3#



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: Below Cal

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053999.D

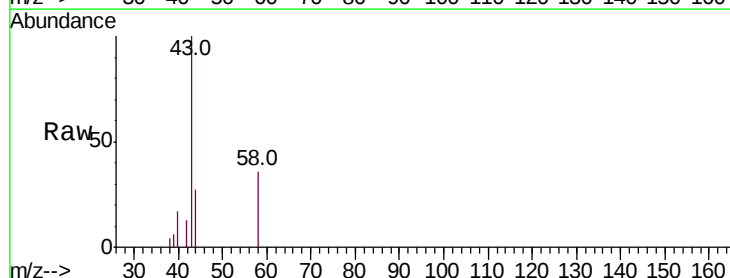
Acq: 28 Feb 2019 13:00

Tgt Ion: 43 Resp: 14186

Ion Ratio Lower Upper

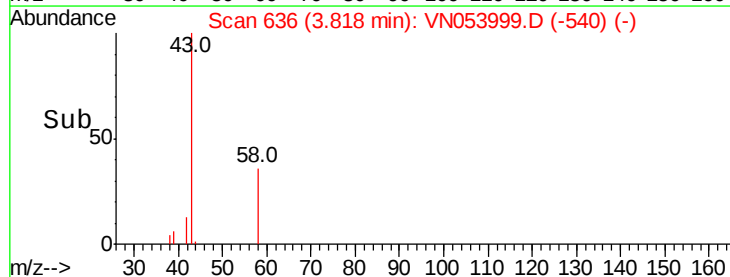
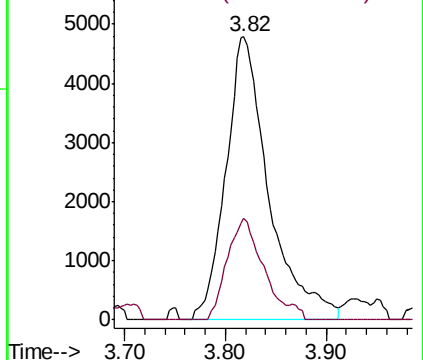
43 100

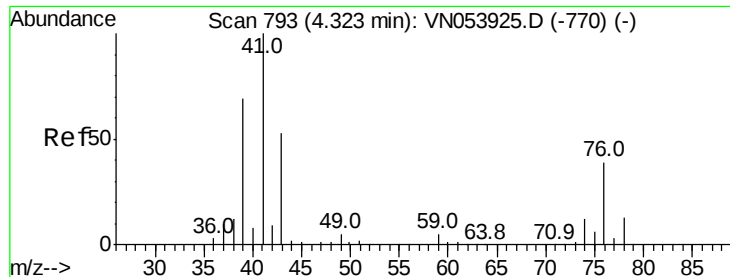
58 36.1 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

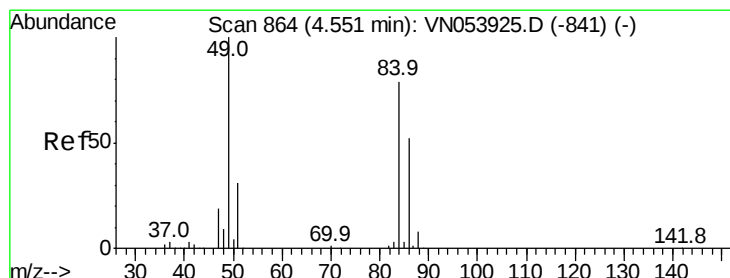
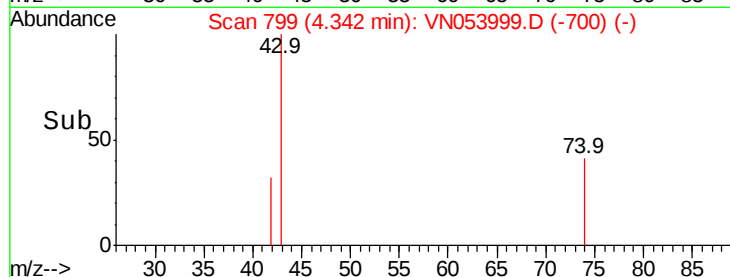
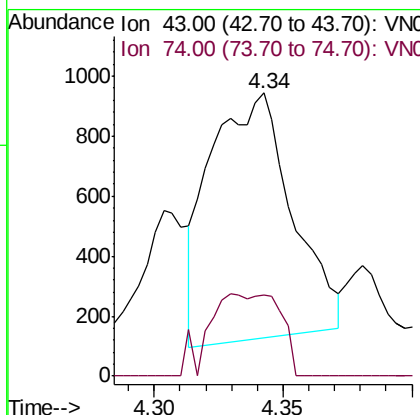
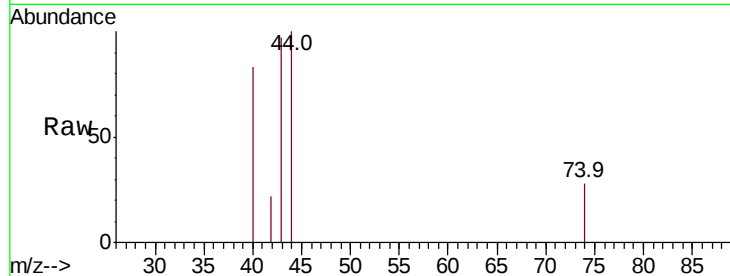




#18
Methyl Acetate
Concen: 0.382 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.02 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

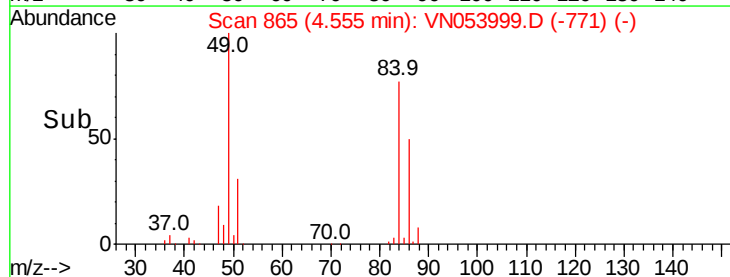
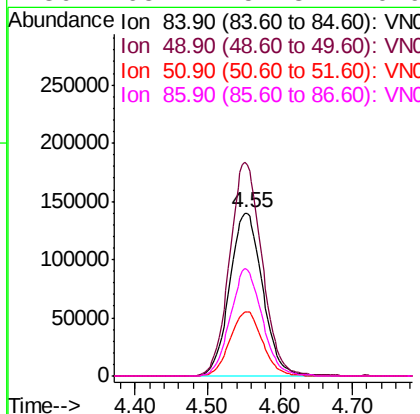
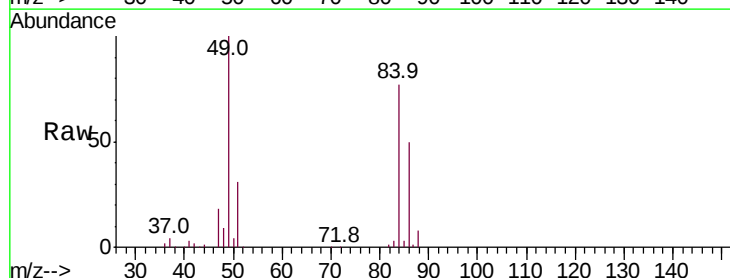
Instrument :
MSVOA_N
ClientSampled :

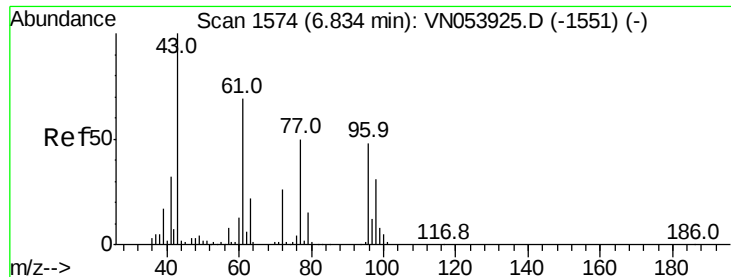
Tot Ion: 43 Resp: 1814
Ion Ratio Lower Upper
43 100
74 16.6 20.5 30.7#



#20
Methylene Chloride
Concen: 65.780 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Tgt Ion: 84 Resp: 441695
Ion Ratio Lower Upper
84 100
49 129.4 89.7 134.5
51 39.6 27.8 41.8
86 65.2 51.3 76.9





#25

2-Butanone

Concen: 0.418 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.02 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

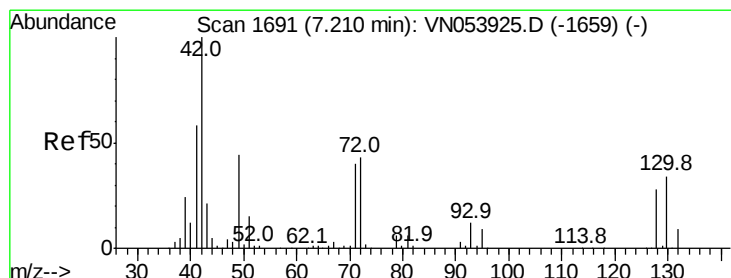
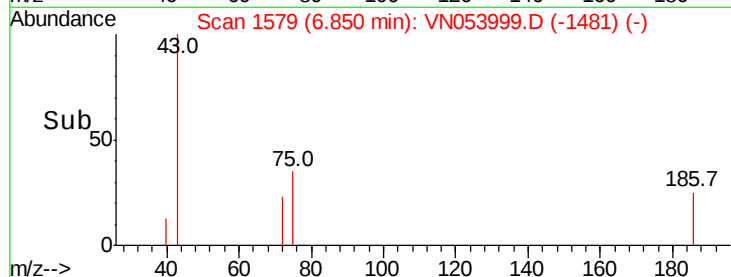
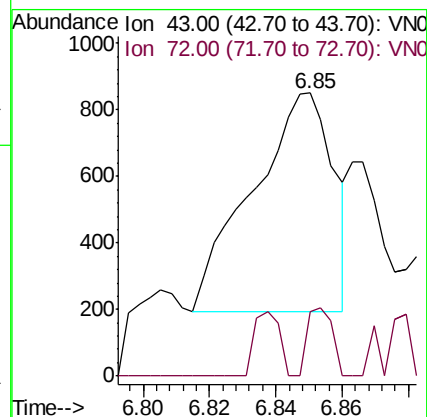
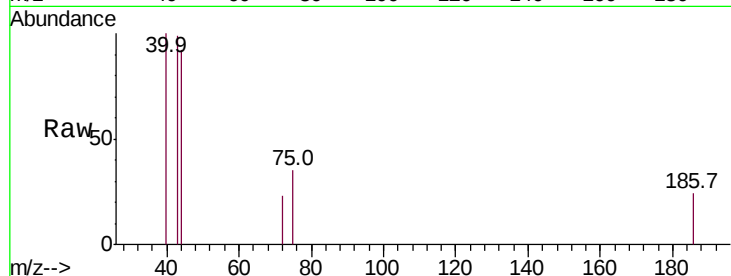
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

72 29.7 22.1 33.1



#29

Tetrahydrofuran

Concen: 0.391 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

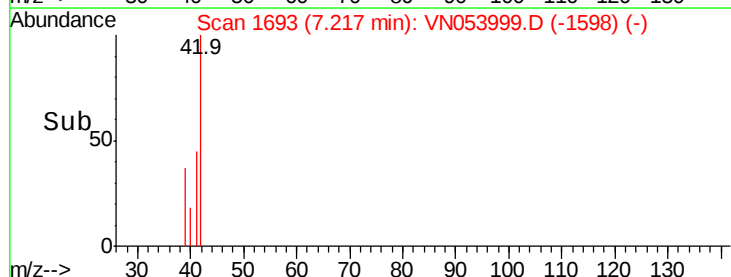
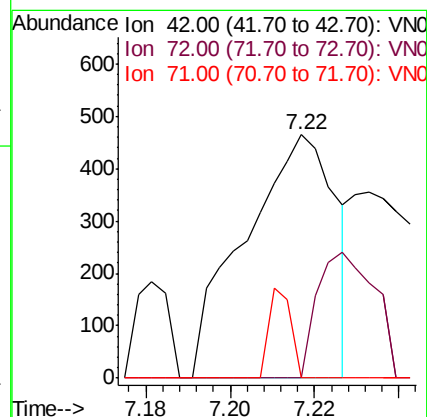
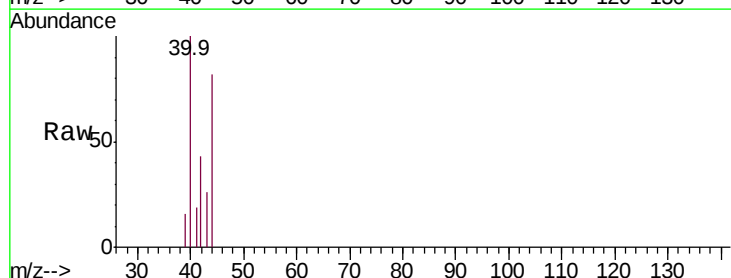
Tgt Ion: 42 Resp: 693

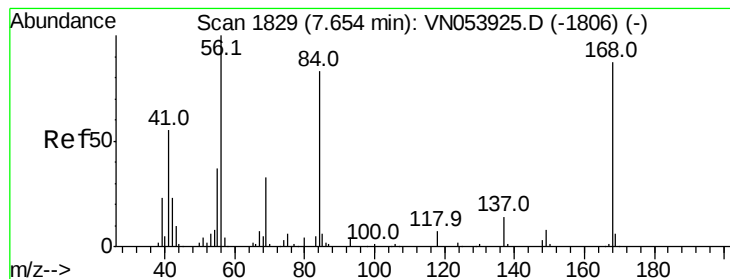
Ion Ratio Lower Upper

42 100

72 32.6 36.9 55.3#

71 8.9 34.6 52.0#





#31

Cyclohexane

Concen: 0.536 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :
MSVOA_N
ClientSampled :

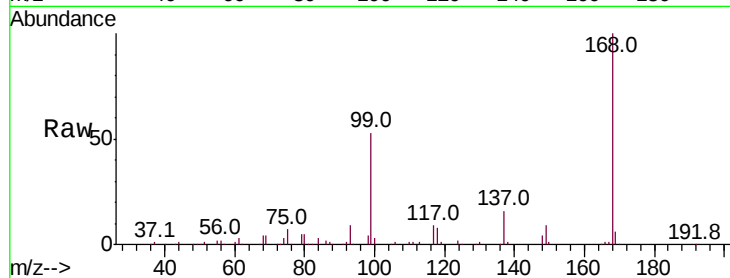
Tot Ion: 56 Resp: 10211

Ion Ratio Lower Upper

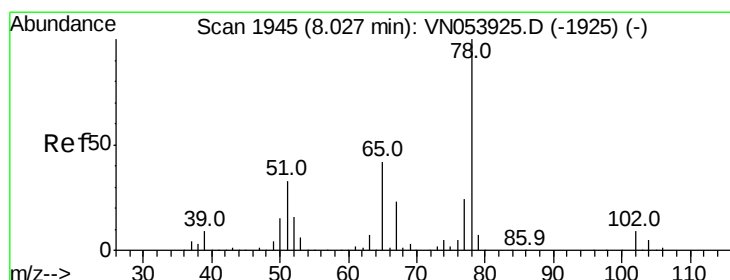
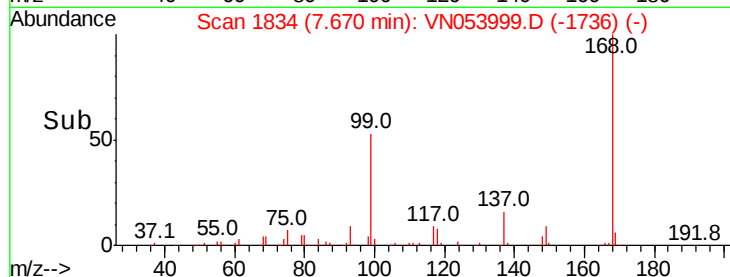
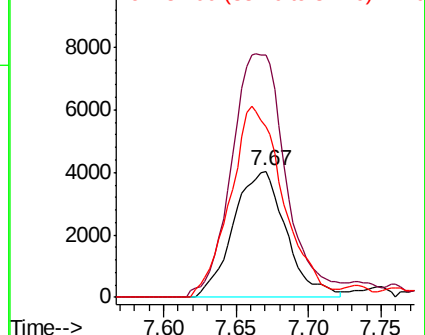
56 100

69 186.8 26.0 39.0#

84 135.1 69.1 103.7#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC



#33

1,2-Dichloroethane-d4

Concen: 57.723 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053999.D

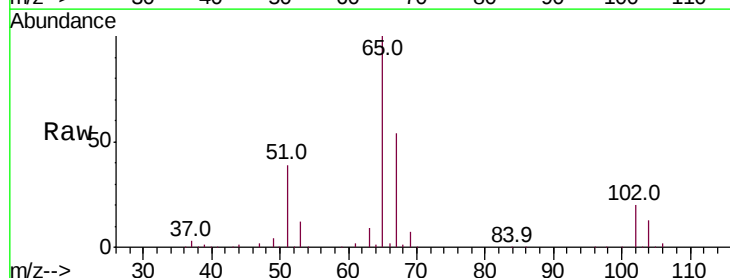
Acq: 28 Feb 2019 13:00

Tgt Ion: 65 Resp: 391617

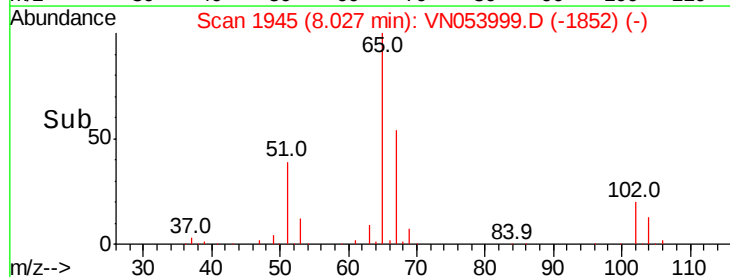
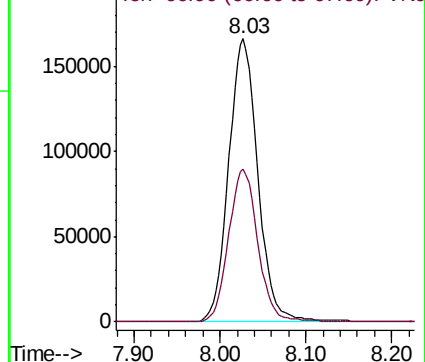
Ion Ratio Lower Upper

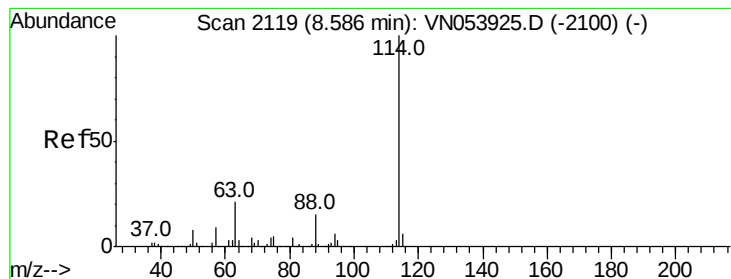
65 100

67 54.1 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

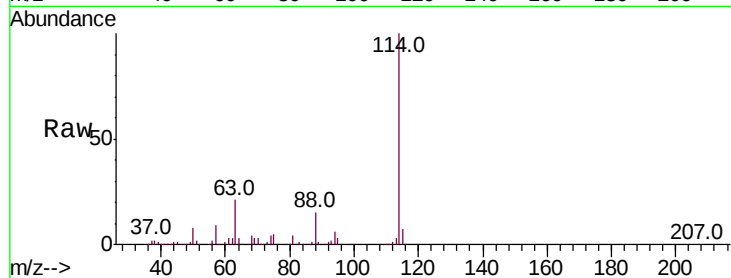
Tot Ion:114 Resp: 1087427

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

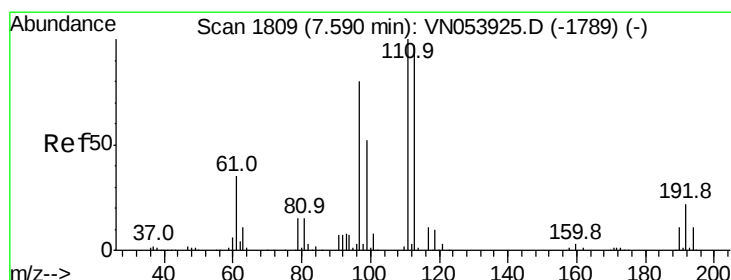
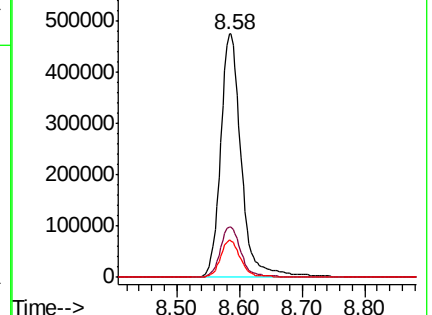
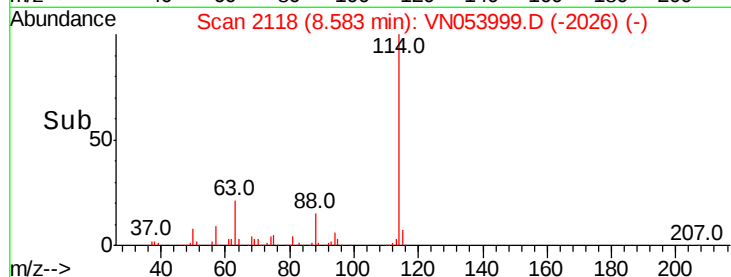
88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.073 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

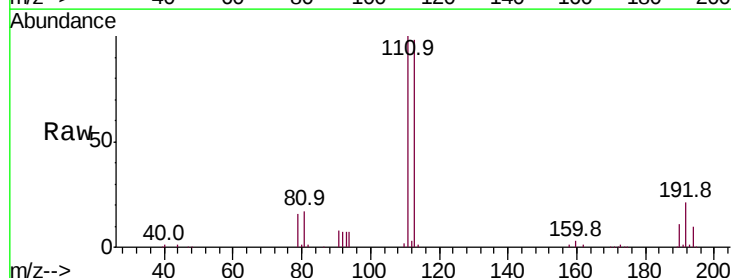
Tgt Ion:113 Resp: 352111

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

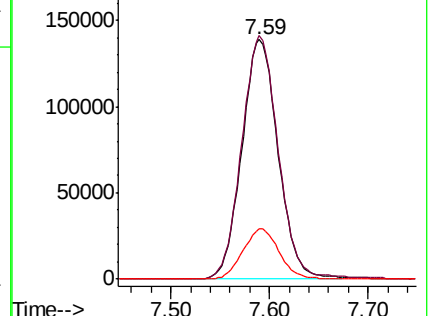
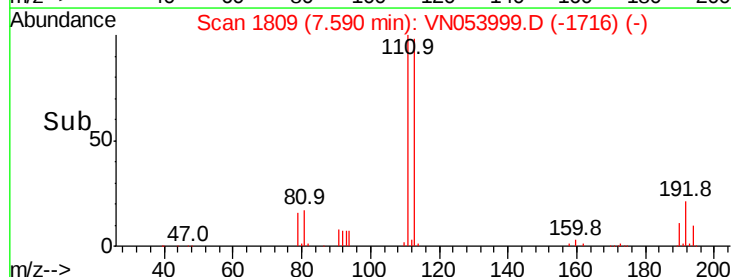
192 21.1 18.8 28.2

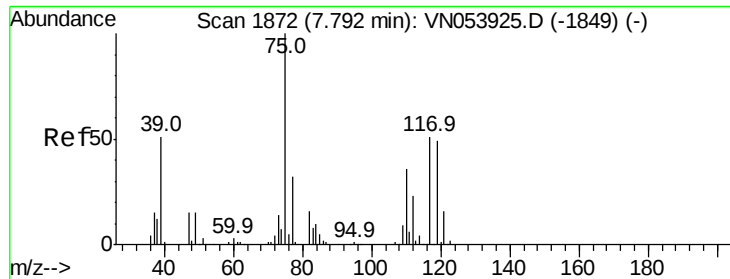


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

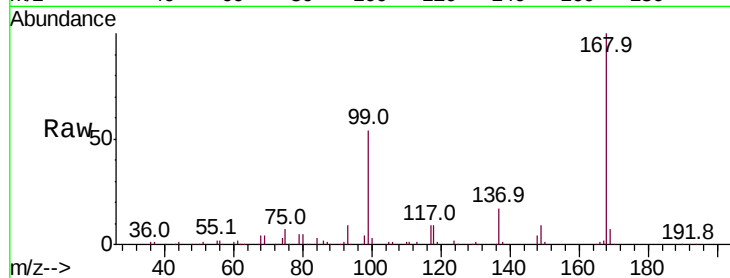




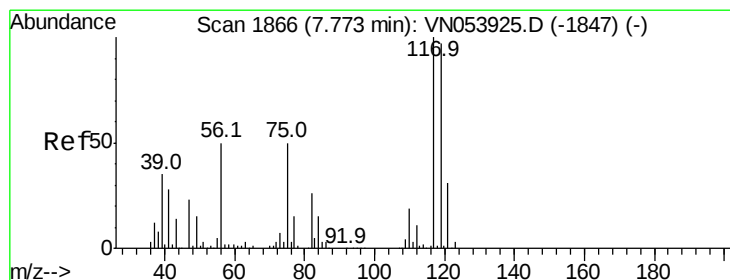
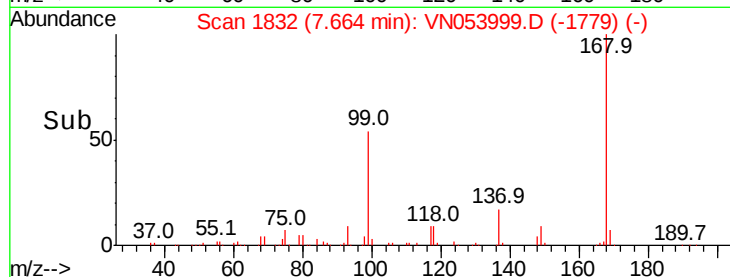
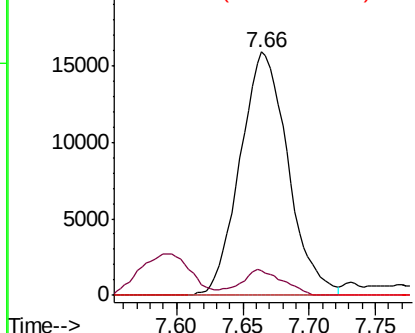
#36
 1,1-Dichloropropene
 Concen: 3.964 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.0	57.0#
77	0.0	25.4	38.0#

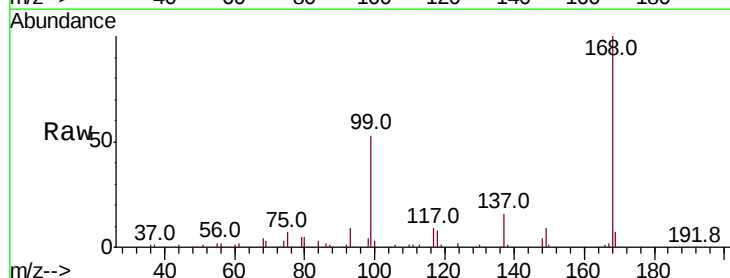


Abundance Ion 74.90 (74.60 to 75.60): VN053925.D (-1849) (-)
 Ion 109.90 (109.60 to 110.60): VN053925.D (-1849) (-)
 Ion 76.90 (76.60 to 77.60): VN053925.D (-1849) (-)

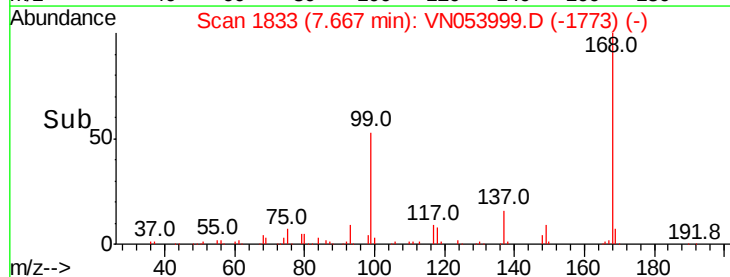
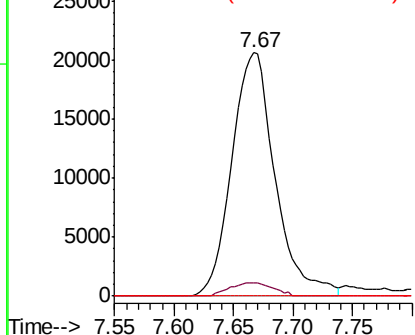


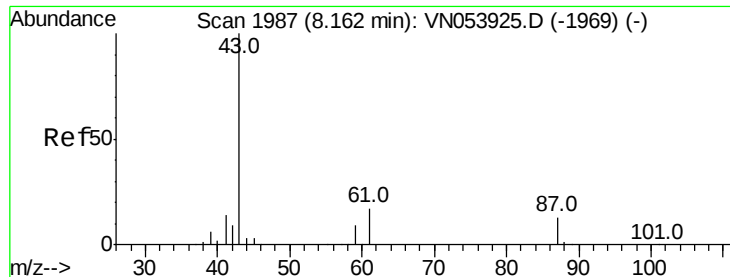
#38
 Carbon Tetrachloride
 Concen: 4.944 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Tgt 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): VN053925.D (-1847) (-)
 Ion 118.80 (118.50 to 119.50): VN053925.D (-1847) (-)
 Ion 120.80 (120.50 to 121.50): VN053925.D (-1847) (-)





#43

Isopropyl Acetate

Concen: 2.896 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

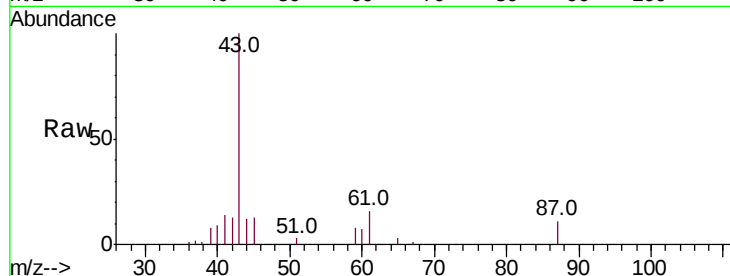
Tot Ion: 43 Resp: 35313

Ion Ratio Lower Upper

43 100

61 14.2 17.4 26.0#

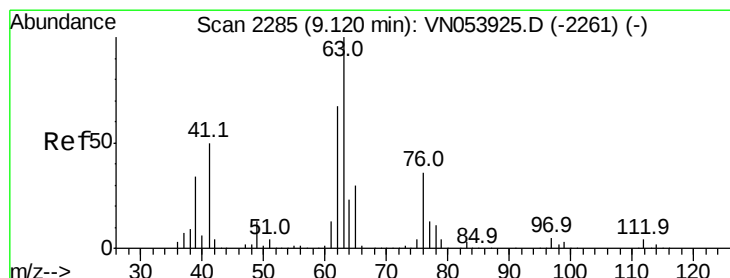
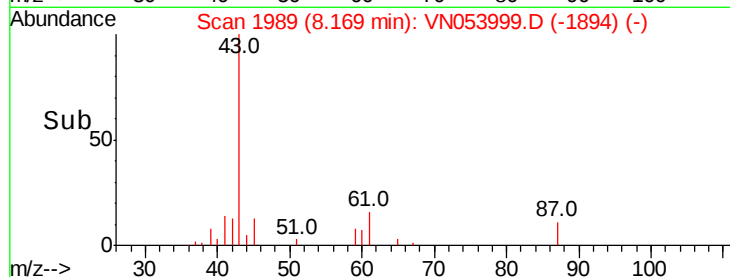
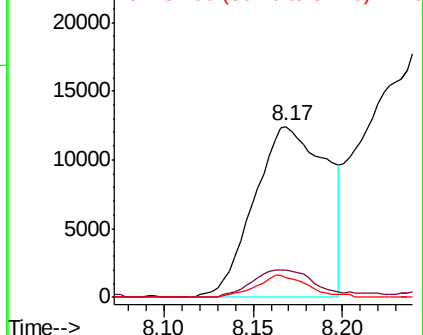
87 9.2 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#45

1,2-Dichloropropane

Concen: 0.212 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN053999.D

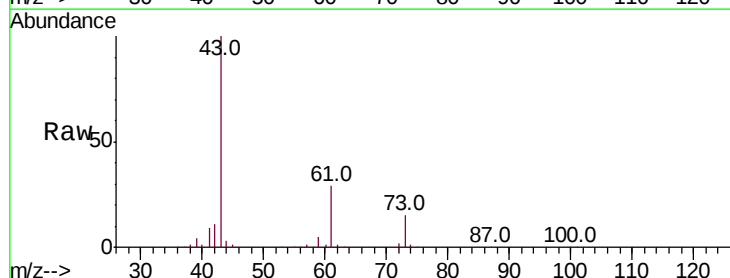
Acq: 28 Feb 2019 13:00

Tgt Ion: 63 Resp: 1776

Ion Ratio Lower Upper

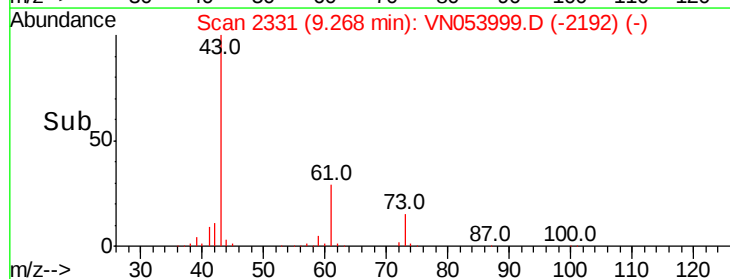
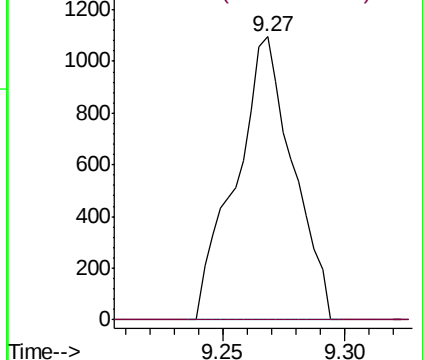
63 100

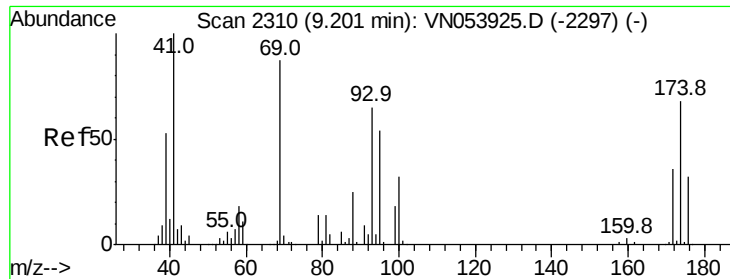
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methvl methacrylate

Concen: 1.844 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :
MSVOA_N
ClientSampleId :

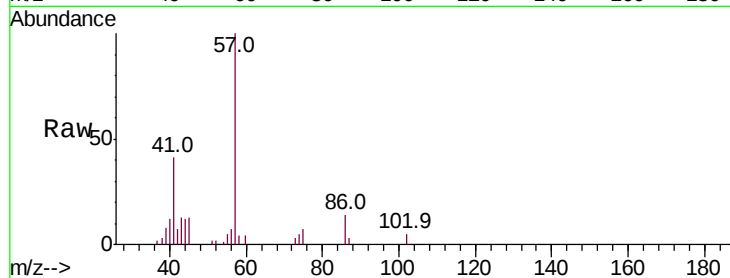
Tot Ion: 41 Resp: 10341

Ion Ratio Lower Upper

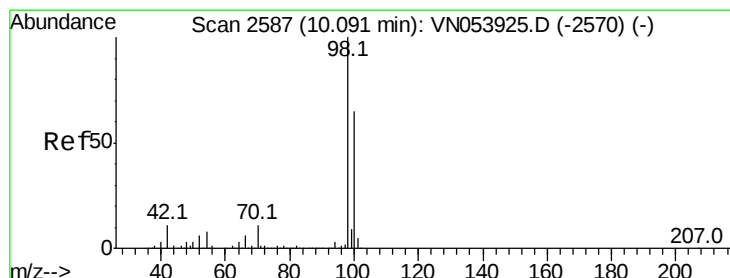
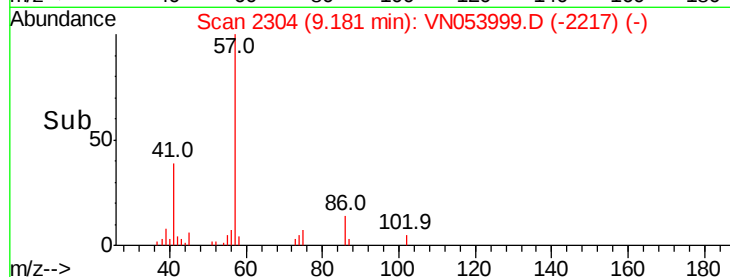
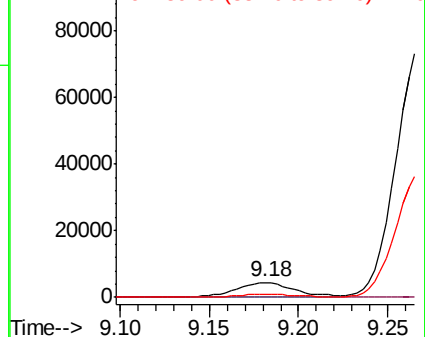
41 100

69 0.0 74.8 112.2#

39 22.3 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: 53.122 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053999.D

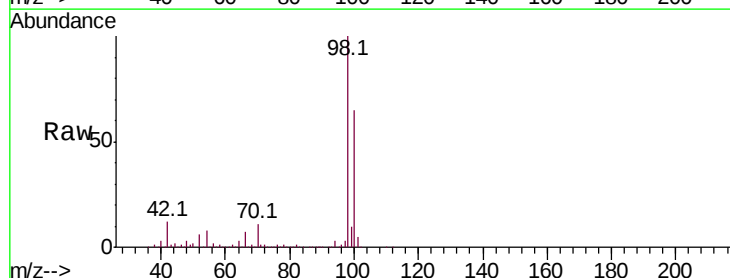
Acq: 28 Feb 2019 13:00

Tgt Ion: 98 Resp: 1390568

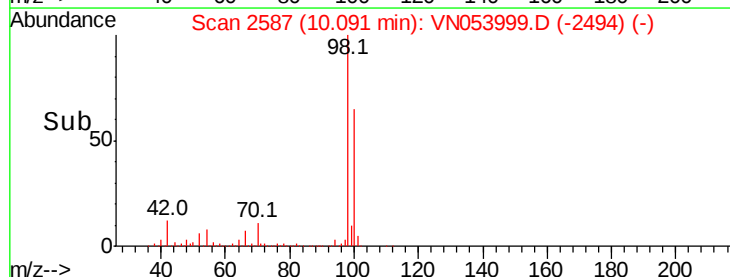
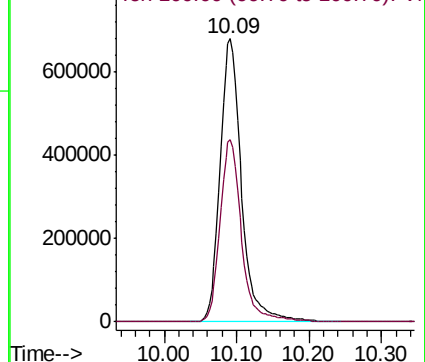
Ion Ratio Lower Upper

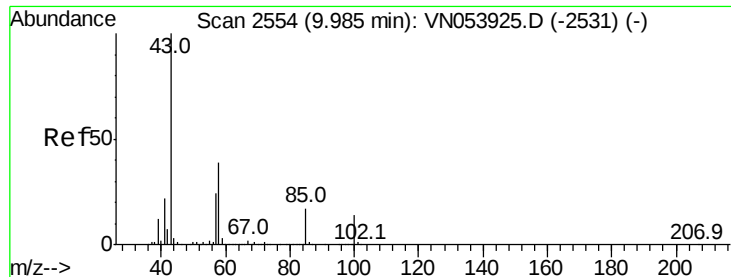
98 100

100 64.4 51.9 77.9



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

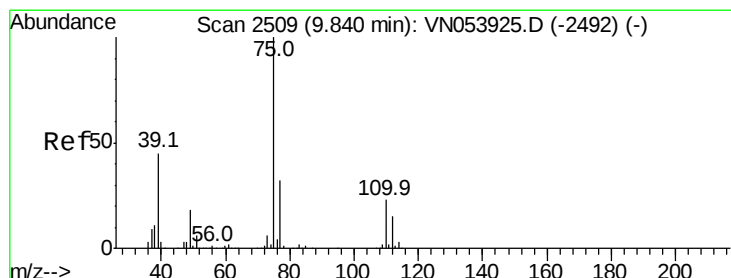
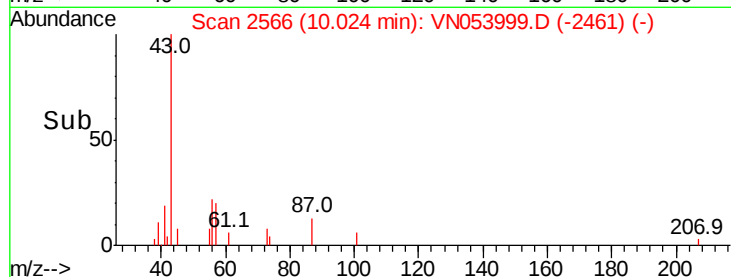
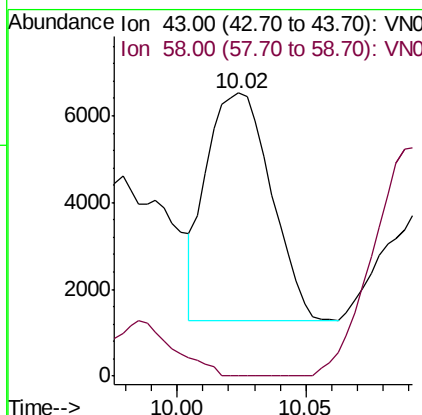
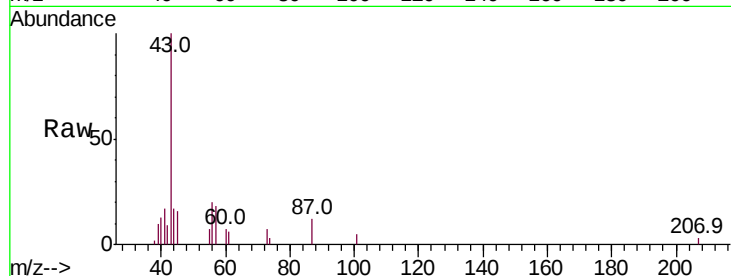




#51
 4-Methyl-2-Pentanone
 Concen: 1.448 ug/l
 RT: 10.02 min Scan# 2566
 Delta R.T. 0.04 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

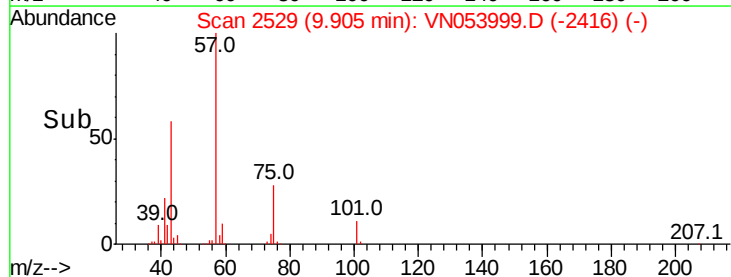
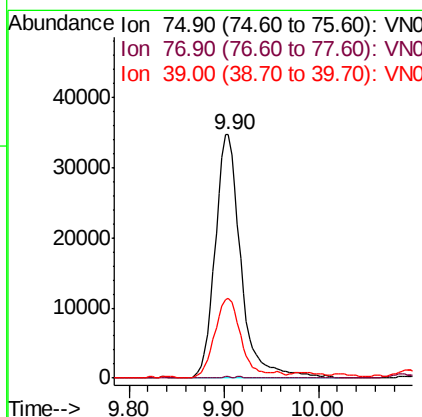
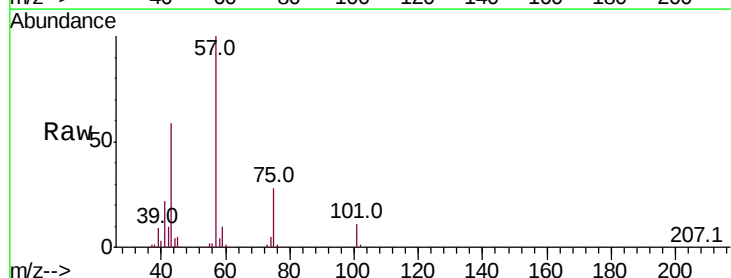
Instrument :
 MSVOA_N
 ClientSampleId :

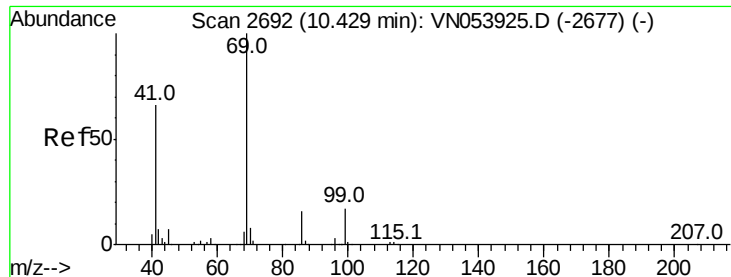
Tot Ion: 43 Resp: 9073
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#54
 cis-1,3-Dichloropropene
 Concen: 5.593 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Tgt Ion: 75 Resp: 65787
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 32.9 31.4 47.0





#56

Ethyl methacrylate

Concen: 1.962 ug/l

RT: 10.32 min Scan# 2657

Delta R.T. -0.11 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

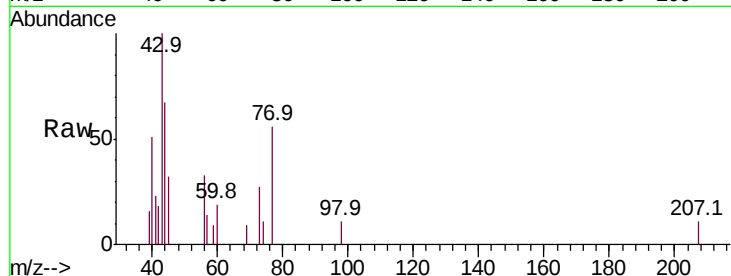
Tot Ion: 69 Resp: 62

Ion Ratio Lower Upper

69 100

41 0.0 47.5 71.3#

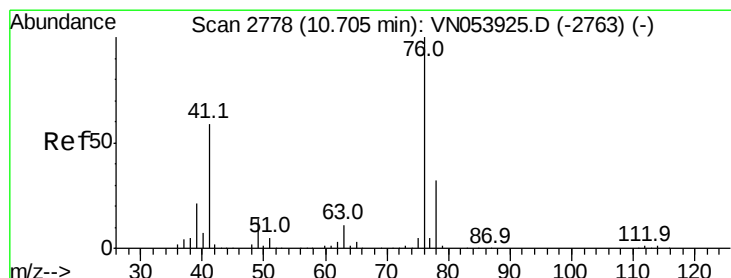
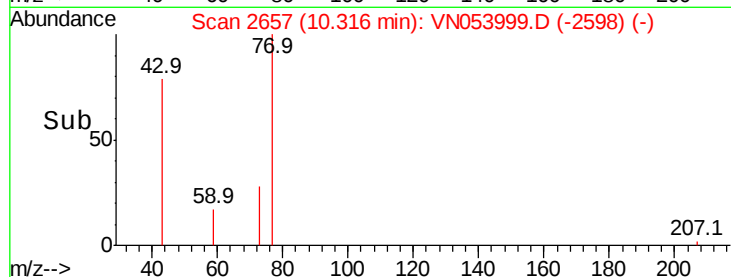
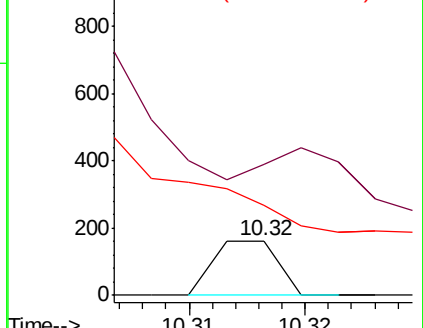
39 0.0 23.4 35.0#



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: 1.111 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053999.D

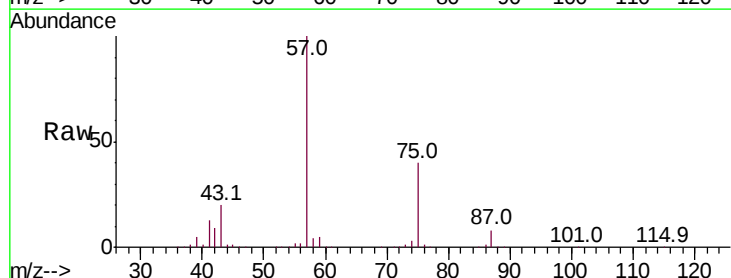
Acq: 28 Feb 2019 13:00

Tgt Ion: 76 Resp: 12828

Ion Ratio Lower Upper

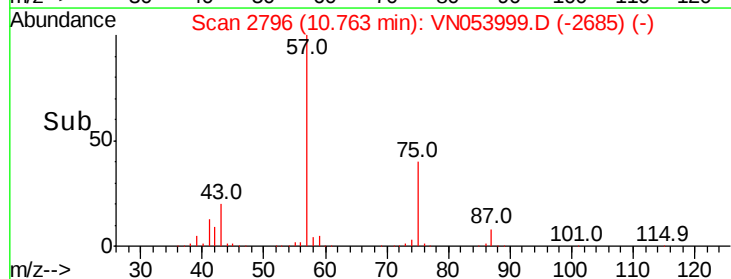
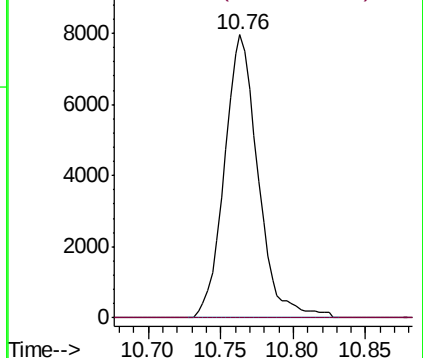
76 100

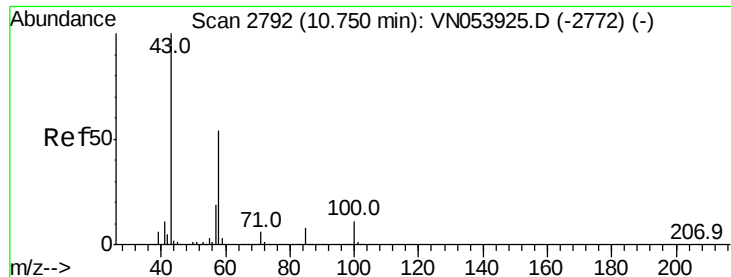
78 0.0 25.2 37.8#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

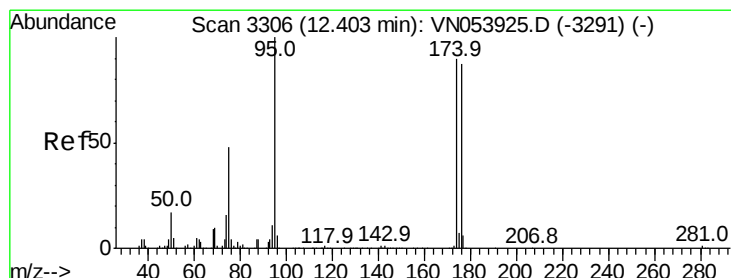
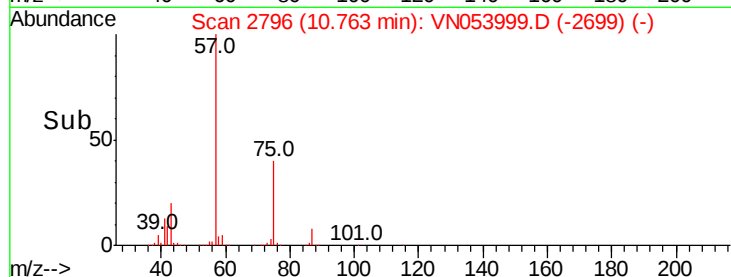
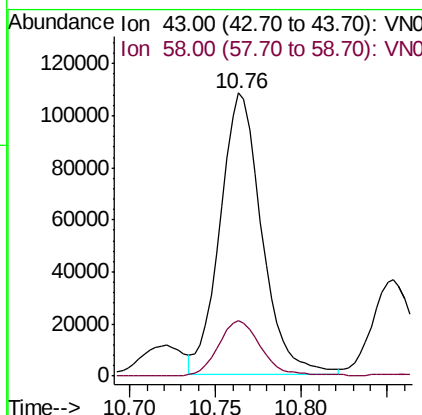
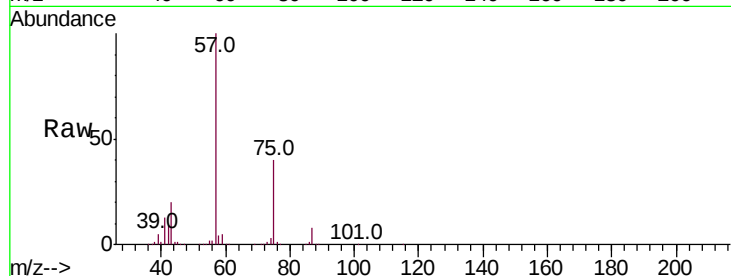




#59
2-Hexanone
Concen: 45.061 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

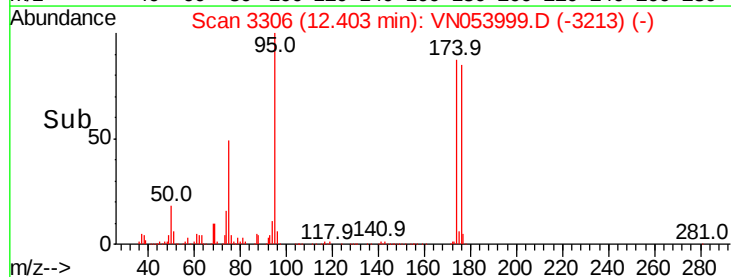
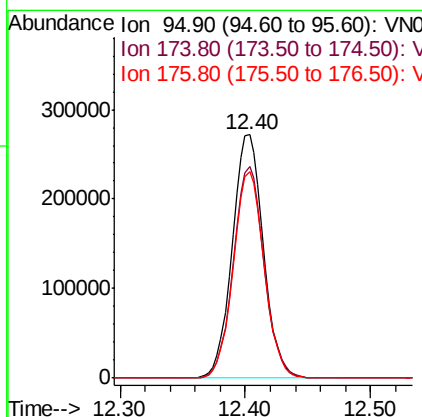
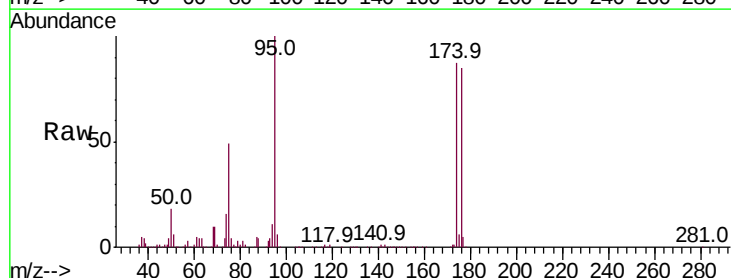
Instrument :
MSVOA_N
ClientSampled :

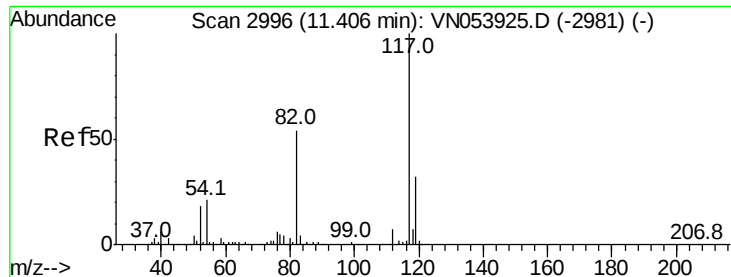
Tot Ion: 43 Resp: 183607
Ion Ratio Lower Upper
43 100
58 19.8 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 53.454 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Tgt Ion: 95 Resp: 466188
Ion Ratio Lower Upper
95 100
174 86.3 0.0 188.8
176 84.4 0.0 182.6

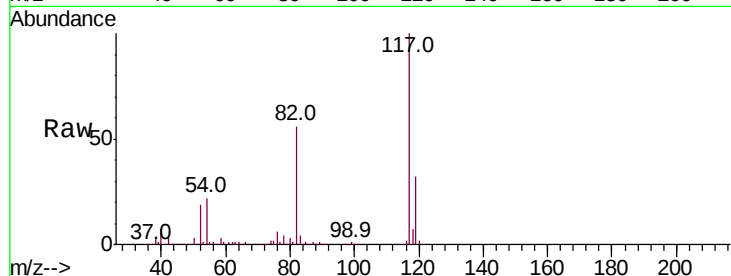




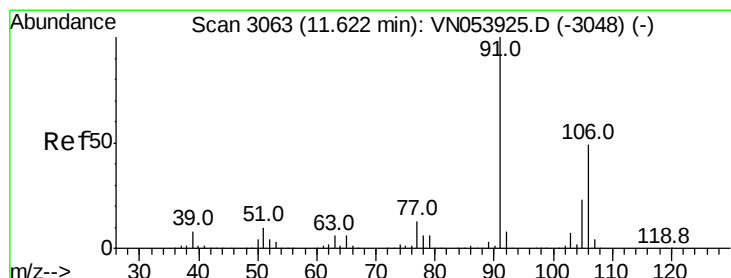
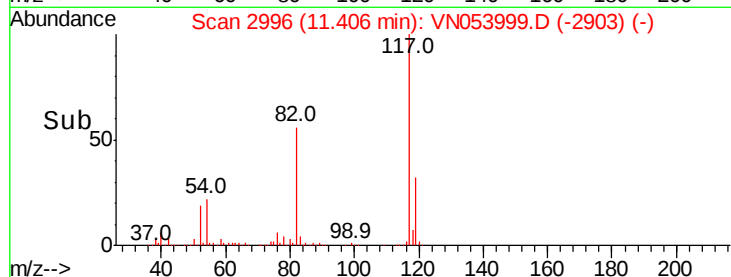
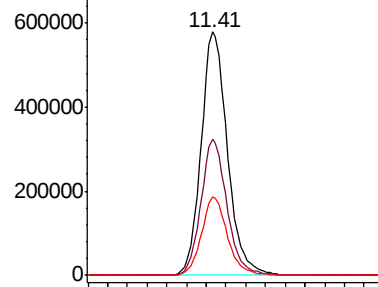
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1077218
Ion Ratio Lower Upper
117 100
82 55.8 41.4 62.2
119 32.0 25.3 37.9

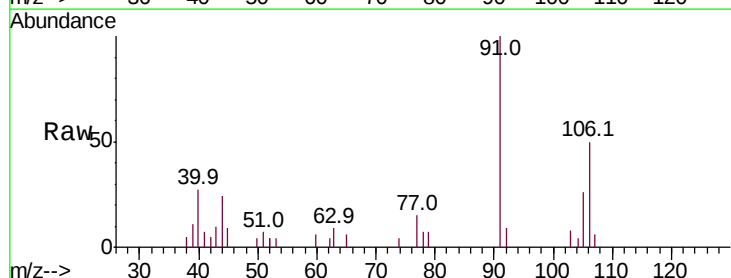


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

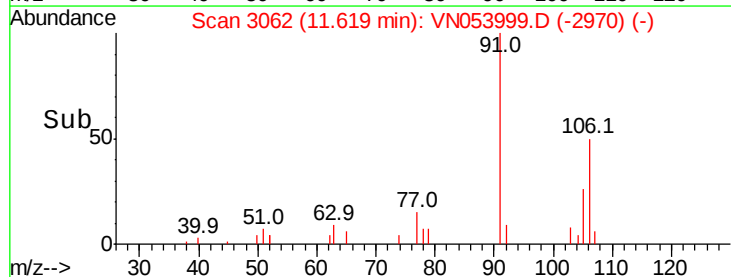
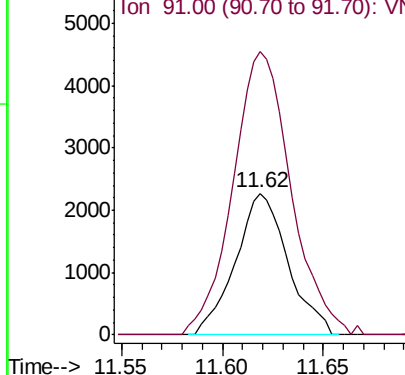


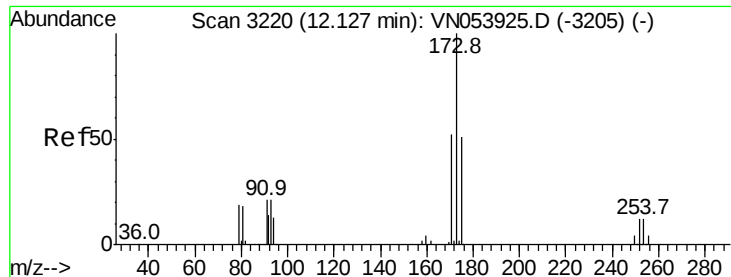
#68
m/p-Xylenes
Concen: 0.286 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053999.D
Acq: 28 Feb 2019 13:00

Tgt Ion:106 Resp: 4114
Ion Ratio Lower Upper
106 100
91 222.7 158.9 238.3



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





#71

Bromoform

Concen: 0.594 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampled :

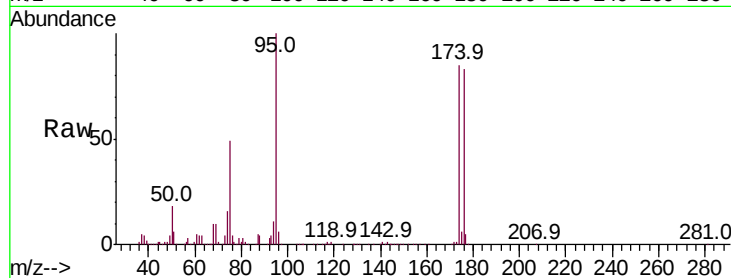
Tot Ion:173 Resp: 3385

Ion Ratio Lower Upper

173 100

175 739.9 24.3 72.8#

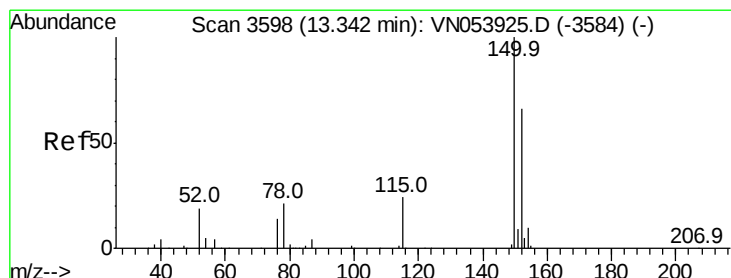
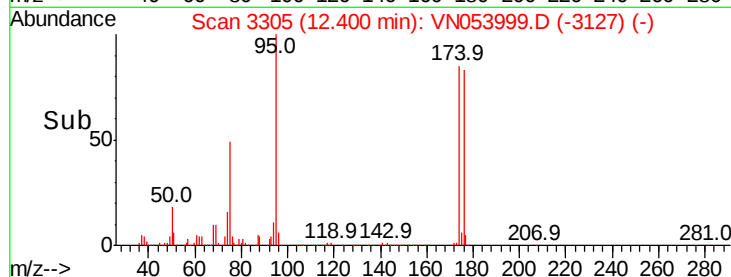
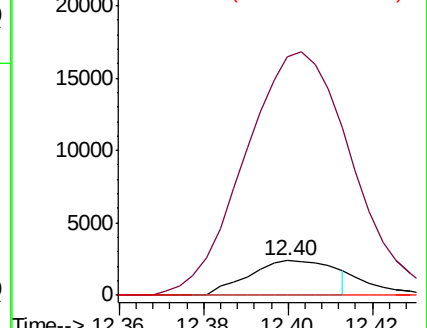
254 0.0 0.2 0.2#



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: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

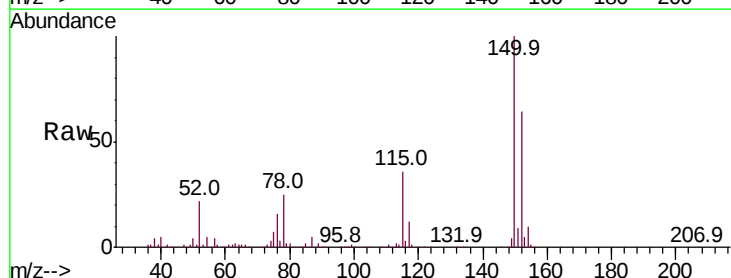
Tgt Ion:152 Resp: 398206

Ion Ratio Lower Upper

152 100

115 56.6 27.2 81.6

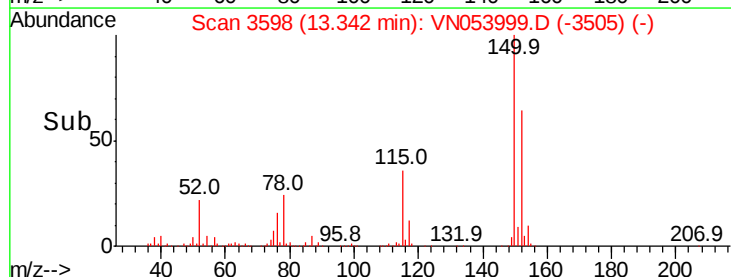
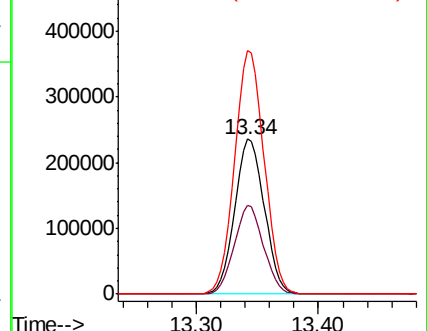
150 156.5 0.0 348.2

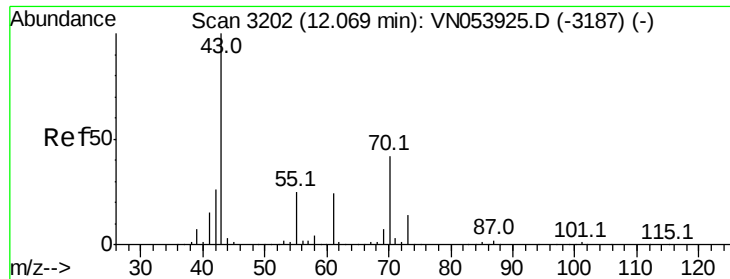


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.351 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 19098

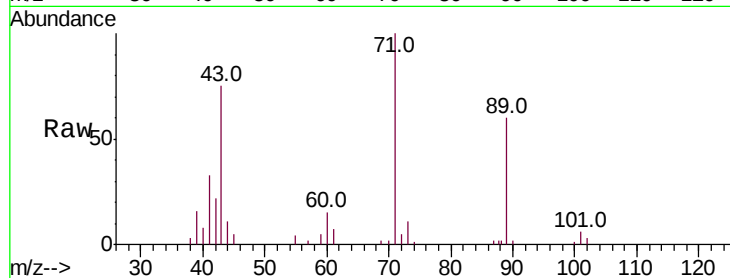
Ion Ratio Lower Upper

43 100

70 2.3 37.4 56.2#

55 5.1 21.4 32.0#

61 9.4 20.9 31.3#

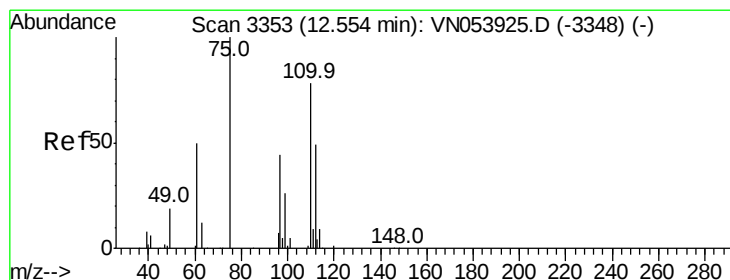
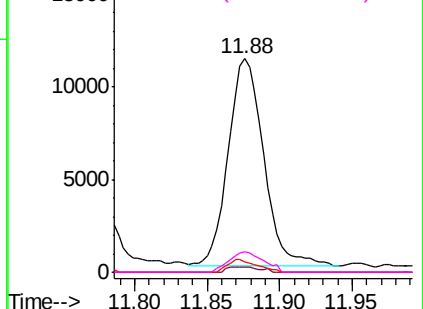
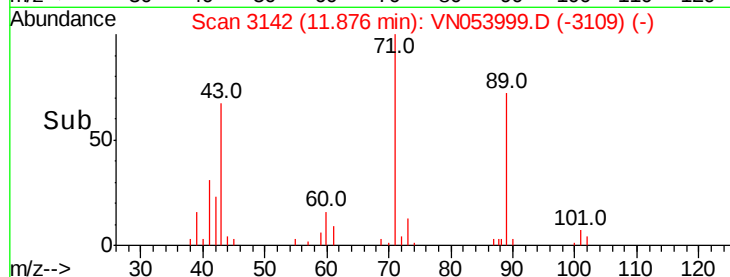


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 35.138 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053999.D

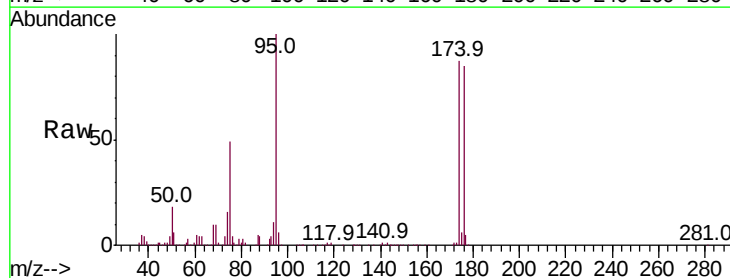
Acq: 28 Feb 2019 13:00

Tgt Ion: 75 Resp: 224458

Ion Ratio Lower Upper

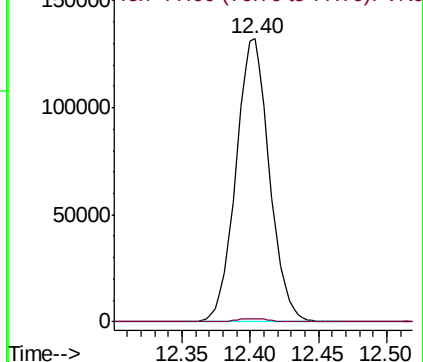
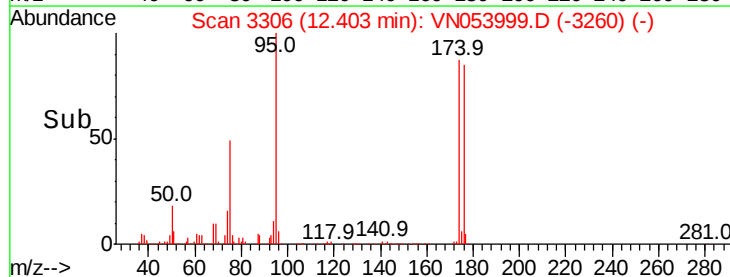
75 100

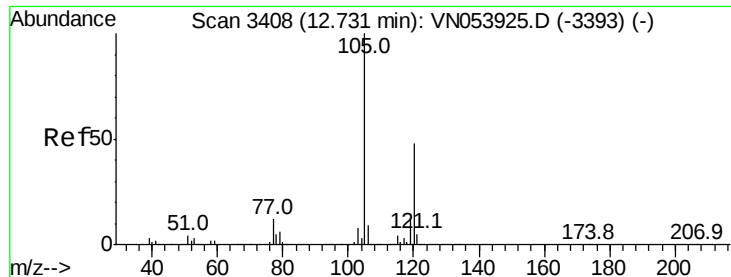
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.394 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

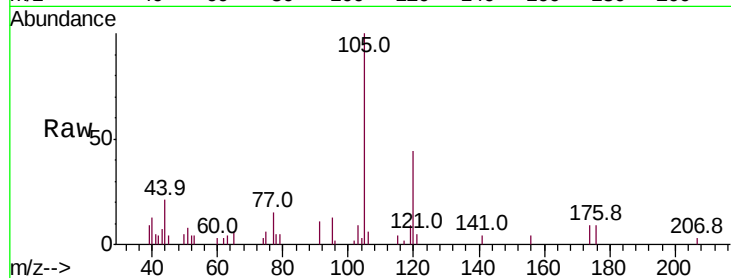
ClientSampleId :

Tot Ion:105 Resp: 9992

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

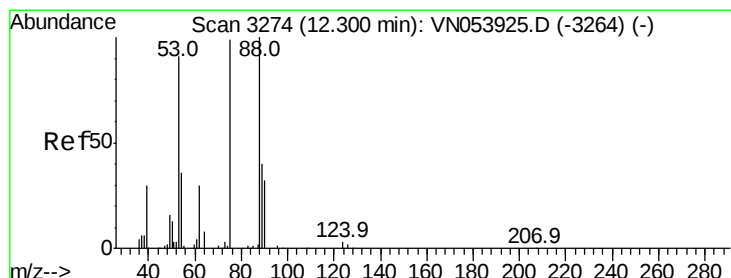
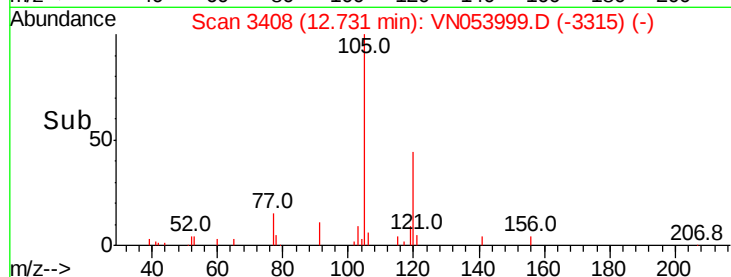
4000

2000

0

12.70 12.75

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 111.058 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

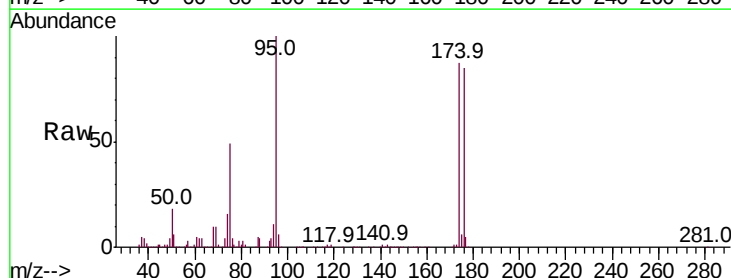
Tgt Ion: 75 Resp: 224458

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): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

12.40

150000

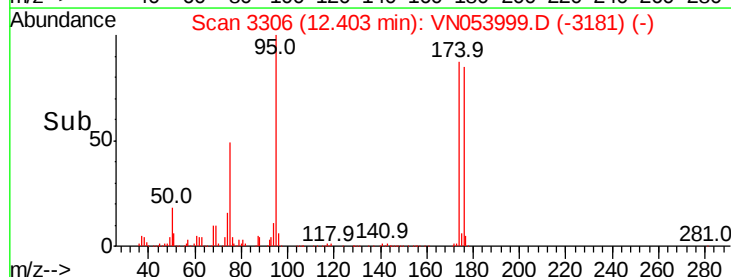
100000

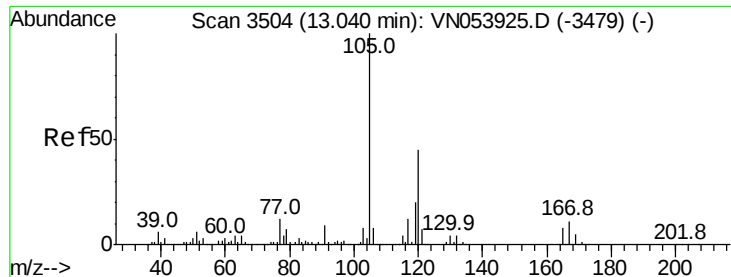
50000

0

12.35 12.40 12.45 12.50

Time-->

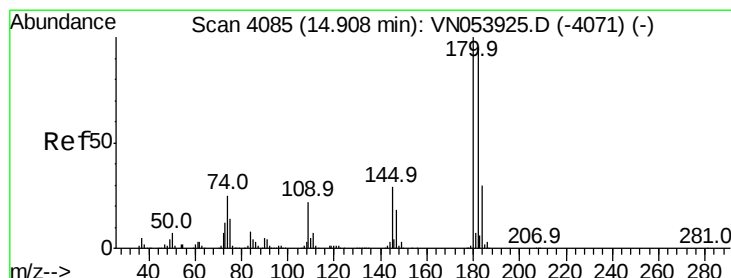
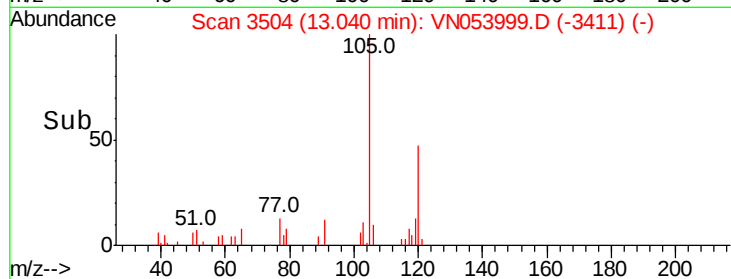
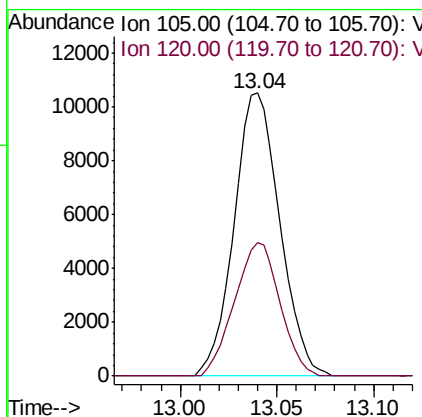
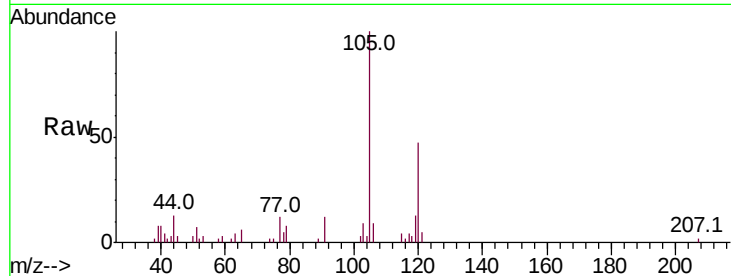




#84
 1,2,4-Trimethylbenzene
 Concen: 0.681 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

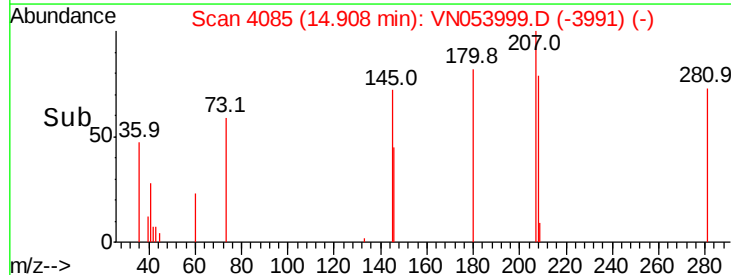
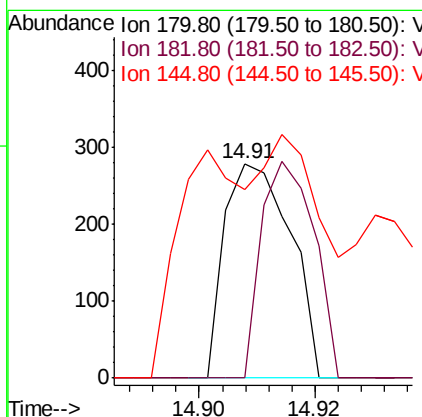
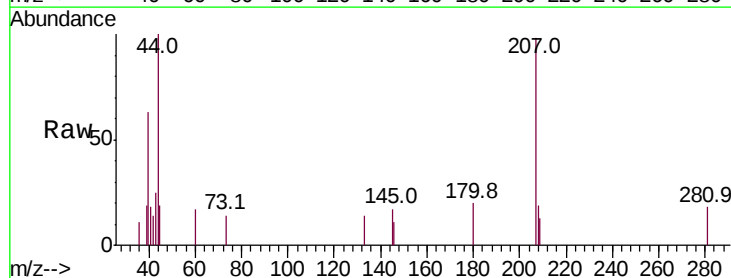
Instrument :
 MSVOA_N
 ClientSampled :

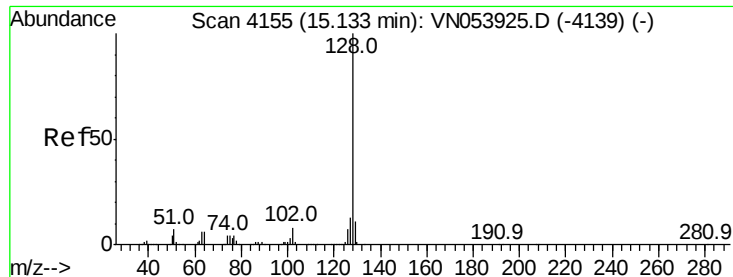
Tot Ion:105 Resp: 17255
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.2 69.5



#93
 1,2,4-Trichlorobenzene
 Concen: 2.251 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053999.D
 Acq: 28 Feb 2019 13:00

Tgt Ion:180 Resp: 219
 Ion Ratio Lower Upper
 180 100
 182 81.7 48.6 145.9
 145 107.8 13.8 41.3#





#95

Naphthalene

Concen: 4.119 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

Instrument :

MSVOA_N

ClientSampleId :

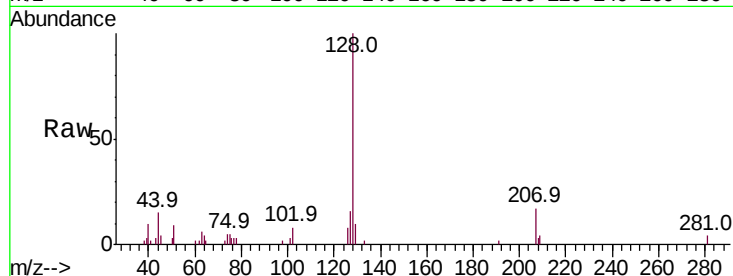
Tot Ion:128 Resp: 15286

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

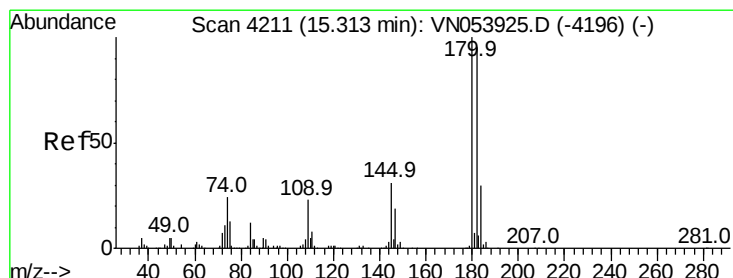
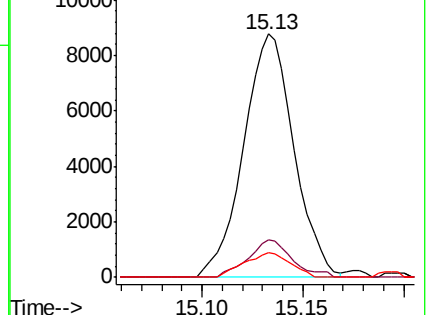
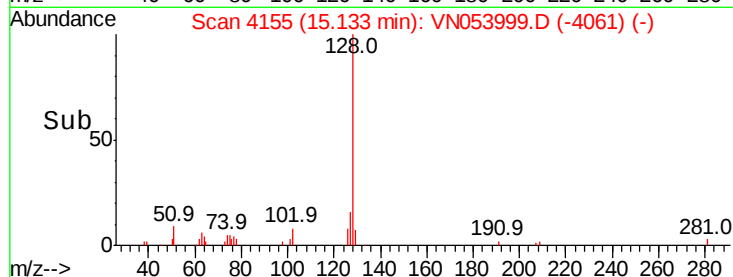
129 9.3 8.6 12.8



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: 1.626 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.01 min

Lab File: VN053999.D

Acq: 28 Feb 2019 13:00

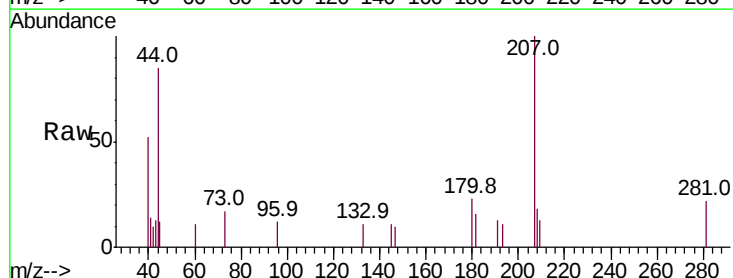
Tgt Ion:180 Resp: 491

Ion Ratio Lower Upper

180 100

182 56.8 47.3 141.8

145 20.6 14.4 43.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

