

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053422.D
 Acq On : 16 Jan 2019 13:54
 Operator : JC/SP
 Sample : PB116405ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#05

Quant Time: Jan 17 03:55:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	886387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1387918	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1327768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	583528	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	450220	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	7.59	113	395041	49.87	ug/l	0.00
Spiked Amount			Recovery	=	99.74%	
50) Toluene-d8	10.09	98	1735510	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.40	95	604014	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	

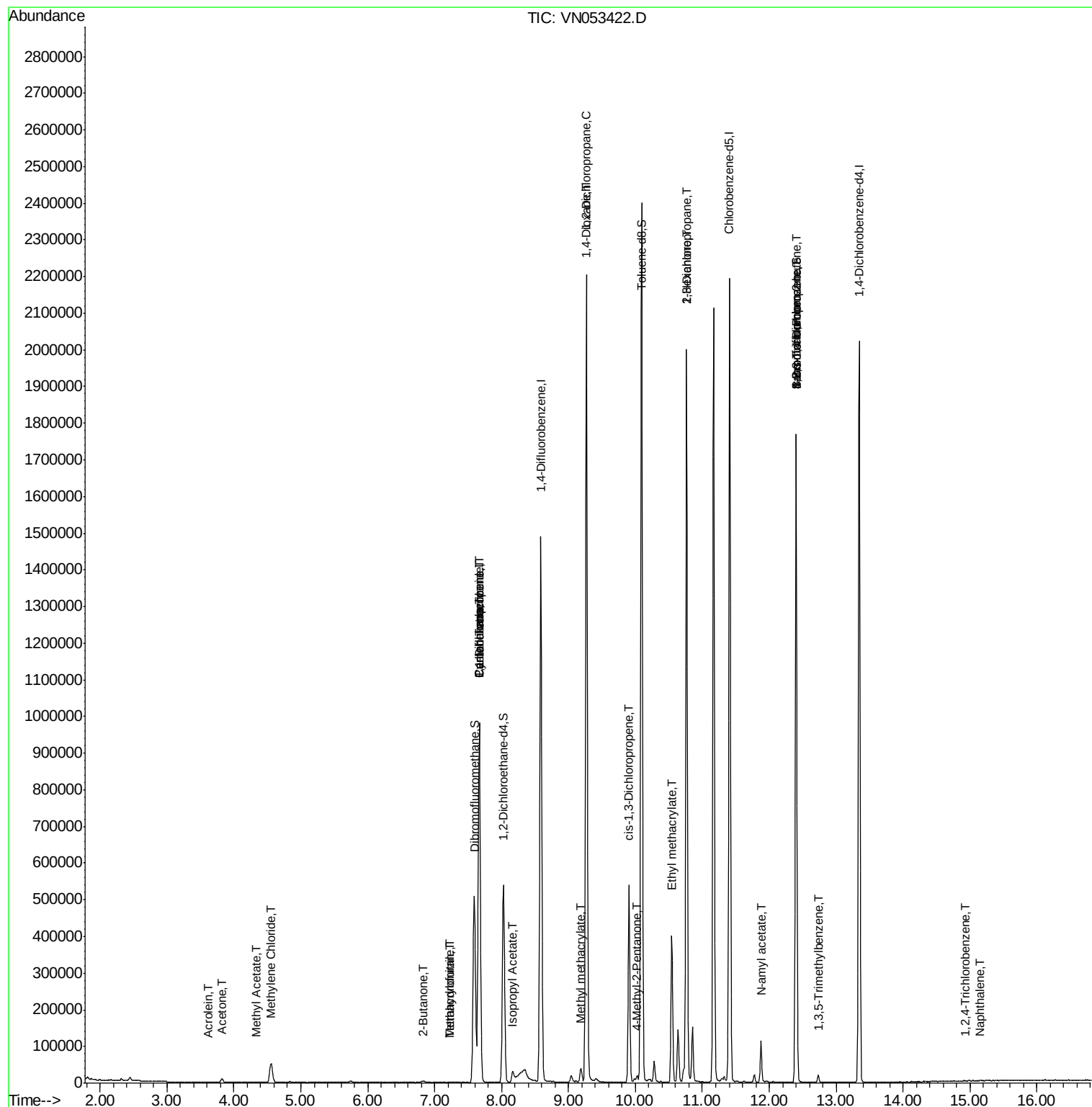
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	3.61	56	62	22.805	ug/l #	60
16) Acetone	3.82	43	17802	8.661	ug/l	99
18) Methyl Acetate	4.33	43	3517	0.508	ug/l #	65
20) Methylene Chloride	4.55	84	41776	4.452	ug/l	97
25) 2-Butanone	6.83	43	787	0.248	ug/l #	47
29) Tetrahydrofuran	7.21	42	918	0.445	ug/l #	55
31) Cyclohexane	7.66	56	13741	0.672	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	56679	4.484	ug/l #	48
38) Carbon Tetrachloride	7.67	117	75432	6.303	ug/l #	15
41) Methacrylonitrile	7.22	41	478	0.777	ug/l #	26
43) Isopropyl Acetate	8.17	43	43899	3.357	ug/l #	82
45) 1,2-Dichloropropane	9.26	63	2728	0.268	ug/l #	43
48) Methyl methacrylate	9.18	41	13653	2.022	ug/l #	12
49) 1,4-Dioxane	9.26	88	29	0.440	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	16150	2.262	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	101724	6.965	ug/l #	63
56) Ethyl methacrylate	10.55	69	1712	2.198	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	21301	1.498	ug/l #	43
59) 2-Hexanone	10.76	43	281077	56.093	ug/l #	50
71) Bromoform	12.40	173	4069	0.605	ug/l #	1
74) N-amyl acetate	11.88	43	33937	2.979	ug/l #	51
76) 1,2,3-Trichloropropane	12.40	75	284200	36.958	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9601	0.276	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	284200	91.326	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	171	2.786	ug/l #	25
95) Naphthalene	15.14	128	417	3.966	ug/l #	69

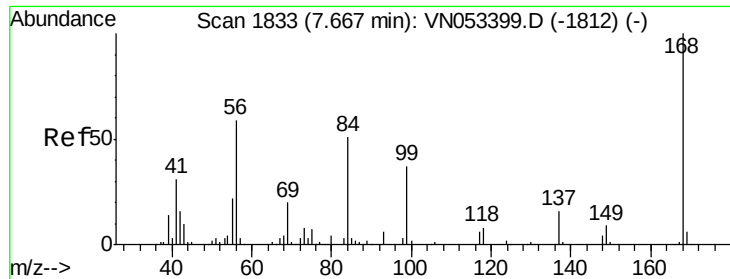
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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Quant Time: Jan 17 03:55:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

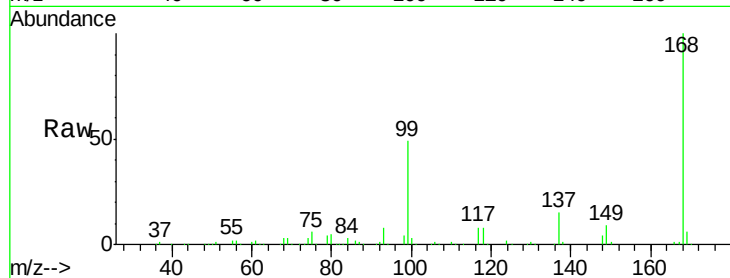
PB116405ZHE#05

Tot Ion:168 Resp: 886387

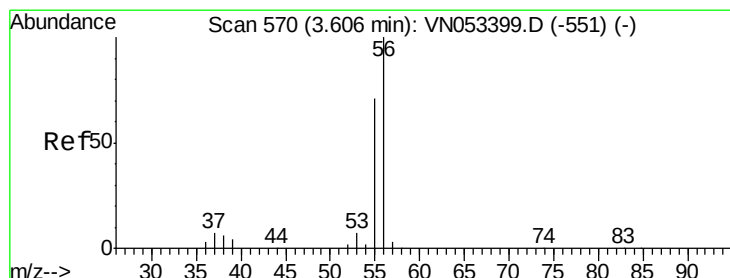
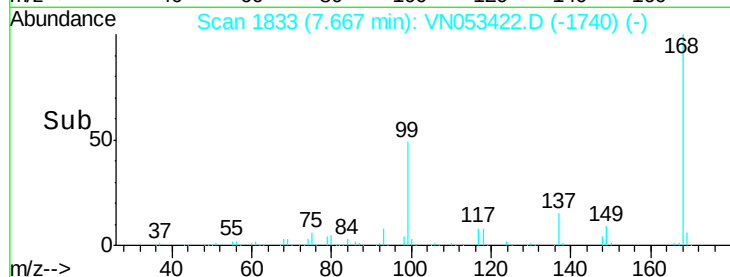
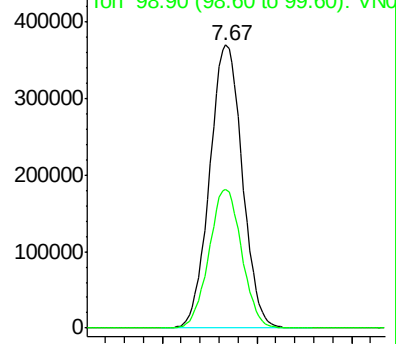
Ion Ratio Lower Upper

168 100

99 49.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053422.D (-1740) (-)



#13

Acrolein

Concen: 22.805 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.01 min

Lab File: VN053422.D

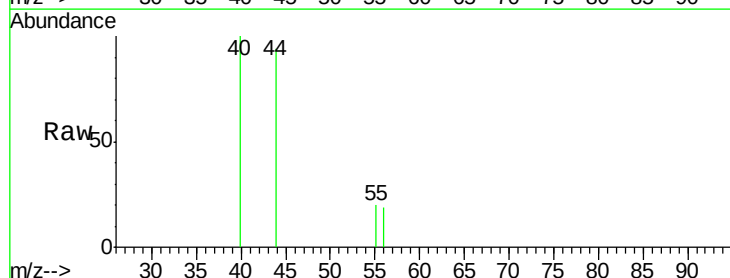
Acq: 16 Jan 2019 13:54

Tgt Ion: 56 Resp: 62

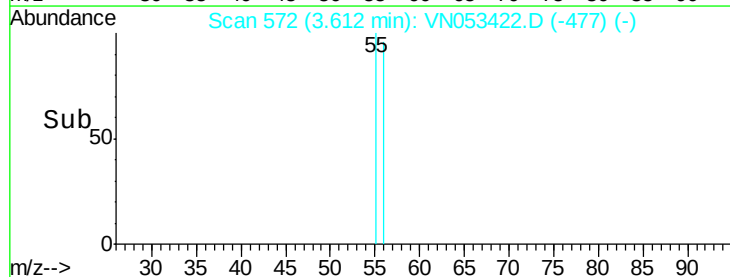
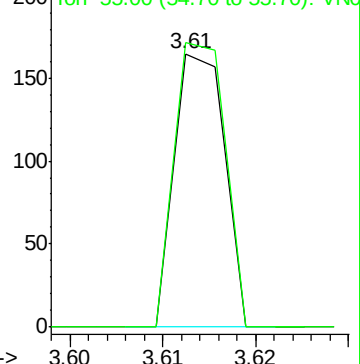
Ion Ratio Lower Upper

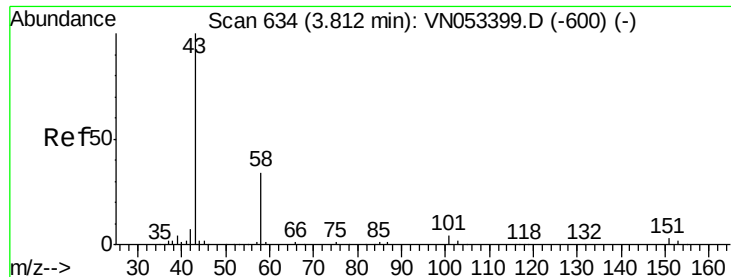
56 100

55 104.8 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN053422.D (-477) (-)





#16

Acetone

Concen: 8.661 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

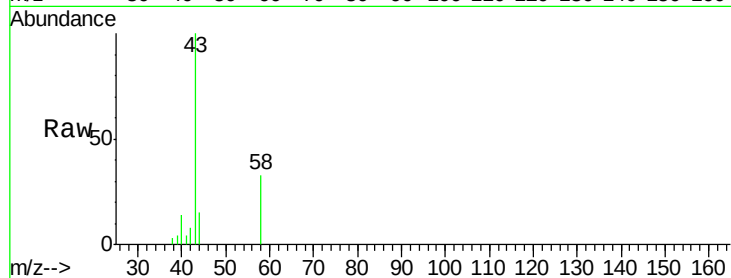
PB116405ZHE#05

Tot Ion: 43 Resp: 17802

Ion Ratio Lower Upper

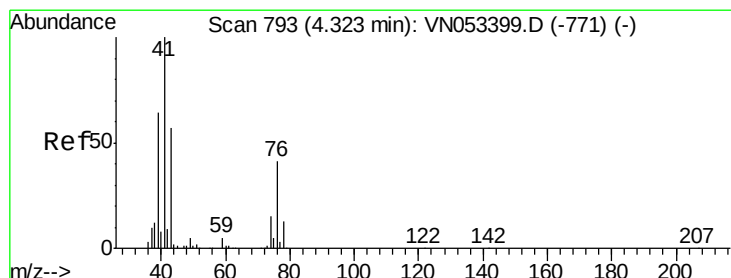
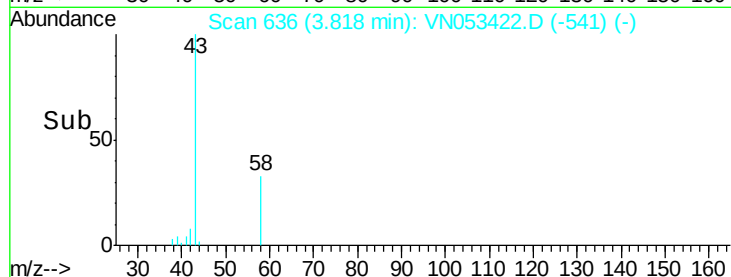
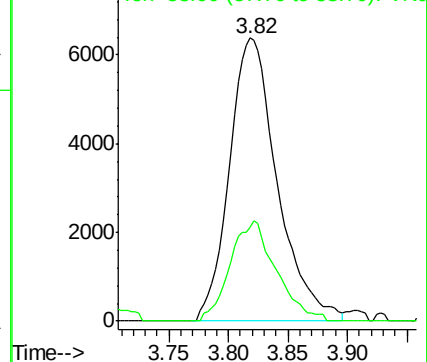
43 100

58 33.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.508 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053422.D

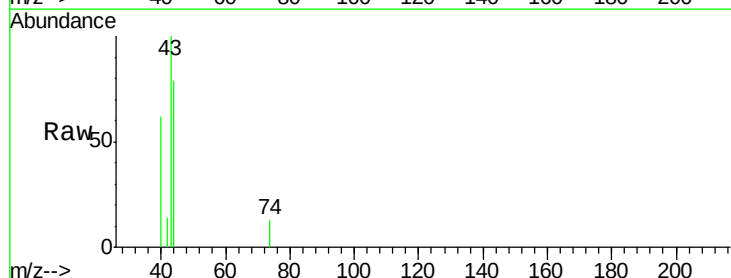
Acq: 16 Jan 2019 13:54

Tgt Ion: 43 Resp: 3517

Ion Ratio Lower Upper

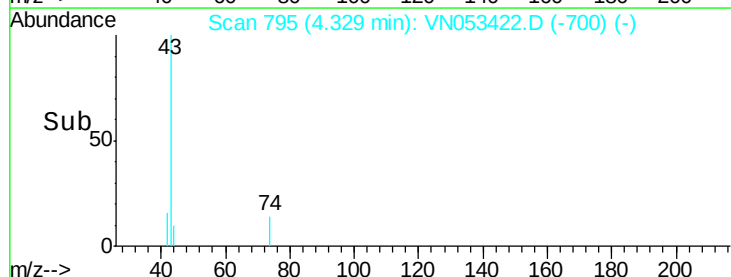
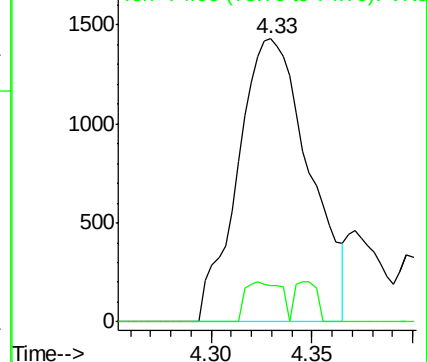
43 100

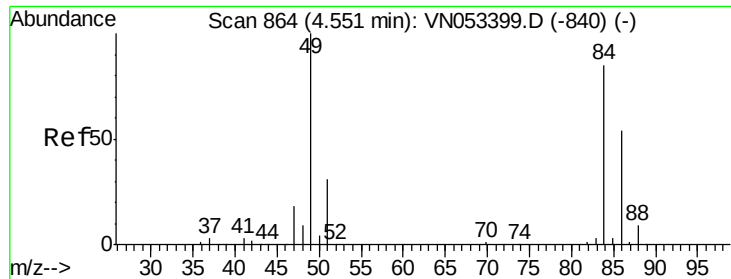
74 7.1 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

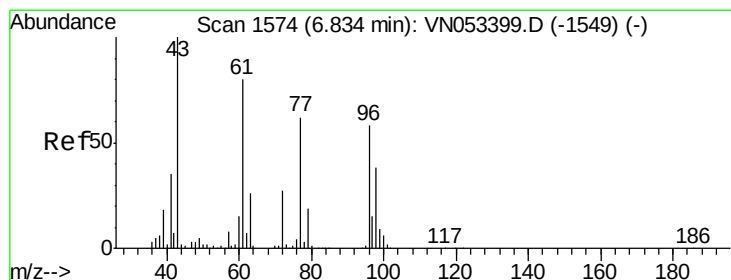
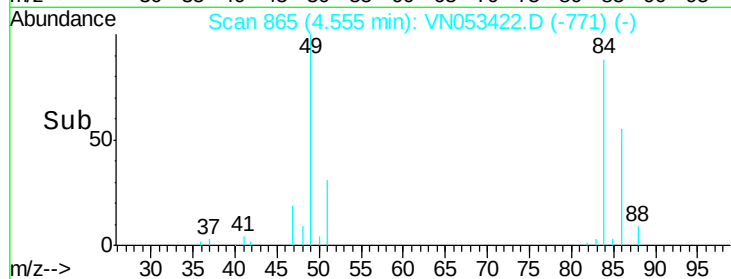
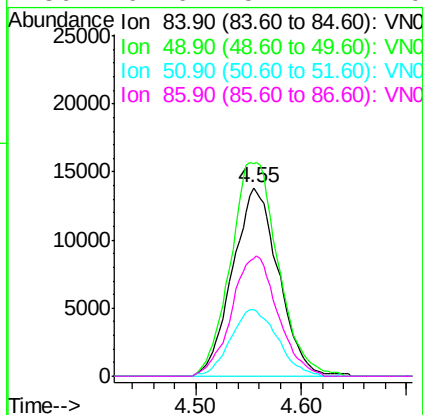
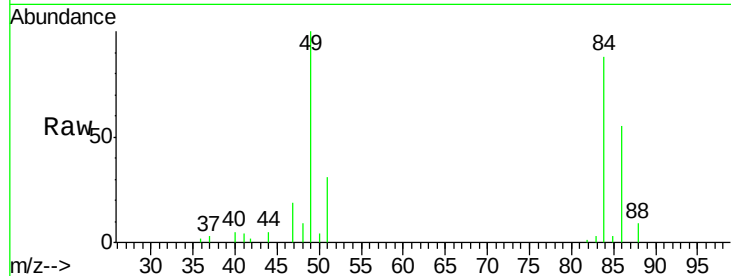




#20
Methvlene Chloride
Concen: 4.452 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

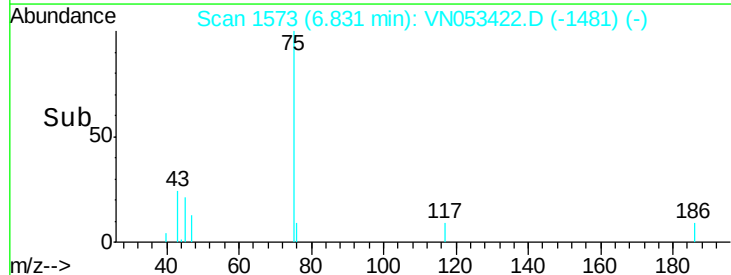
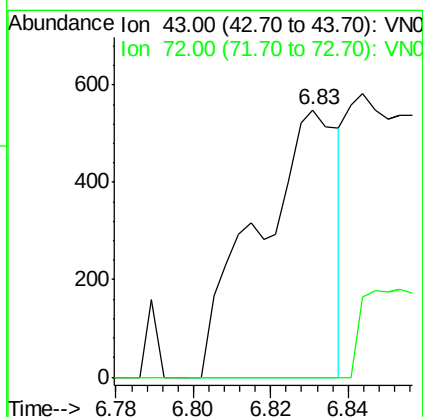
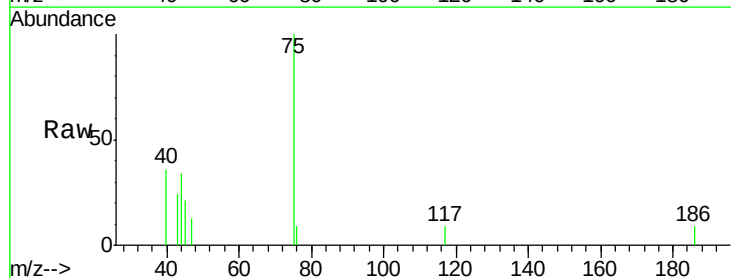
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#05

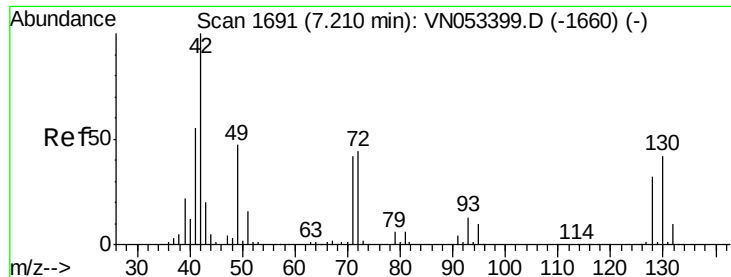
Tot Ion:	84	Resp:	41776
Ion	Ratio	Lower	Upper
84	100		
49	113.1	94.3	141.5
51	35.6	29.4	44.2
86	62.6	51.4	77.0



#25
2-Butanone
Concen: 0.248 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Tgt Ion:	43	Resp:	787
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.0	33.0#

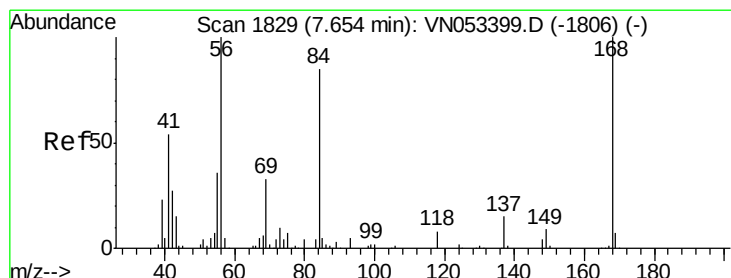
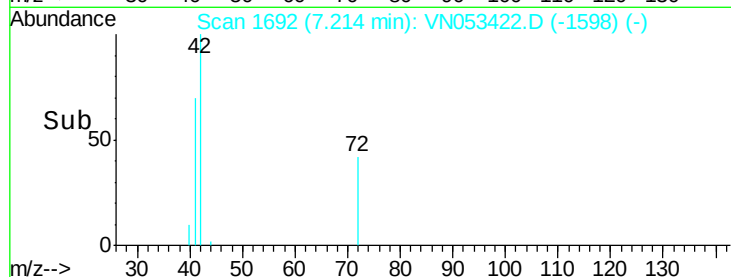
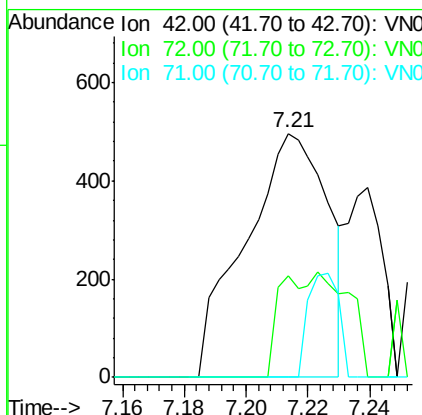
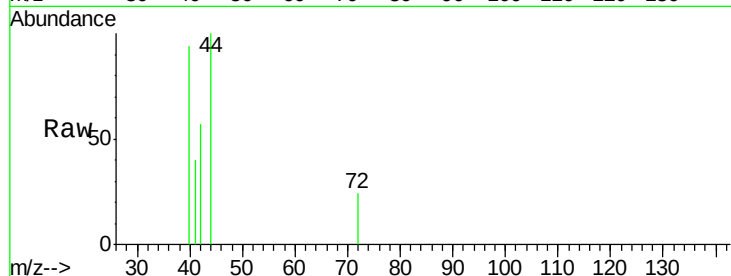




#29
Tetrahydrofuran
Concen: 0.445 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

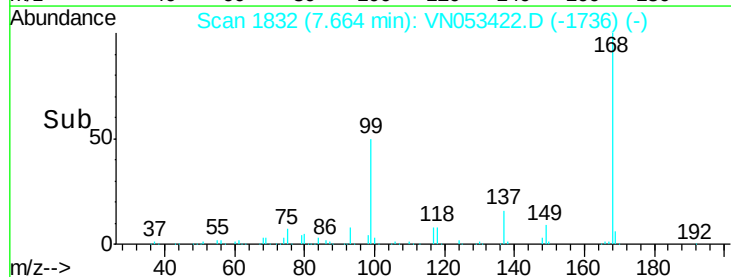
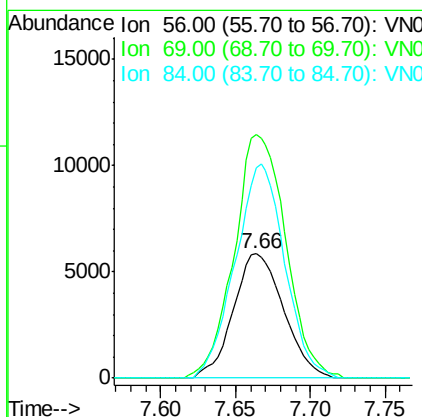
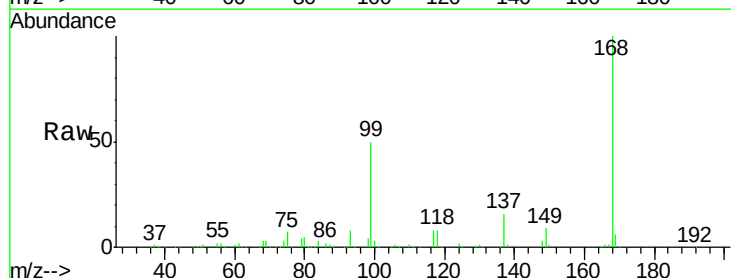
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#05

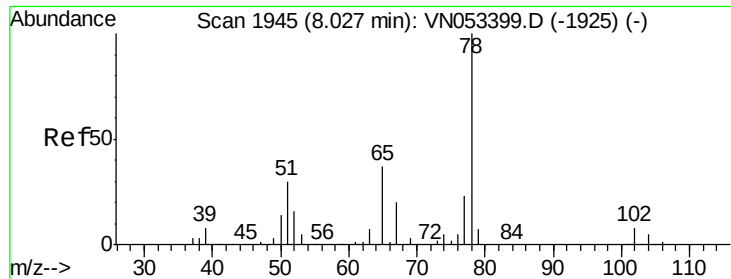
Tot Ion: 42 Resp: 918
Ion Ratio Lower Upper
42 100
72 12.0 35.2 52.8#
71 15.7 33.0 49.4#



#31
Cyclohexane
Concen: 0.672 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Tgt Ion: 56 Resp: 13741
Ion Ratio Lower Upper
56 100
69 193.4 26.4 39.6#
84 169.2 67.9 101.9#

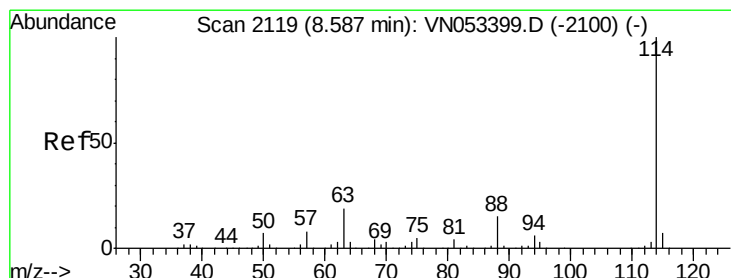
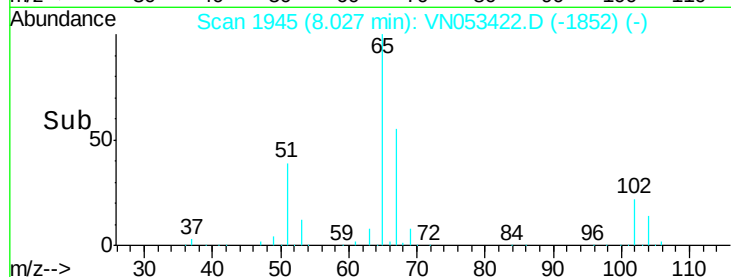
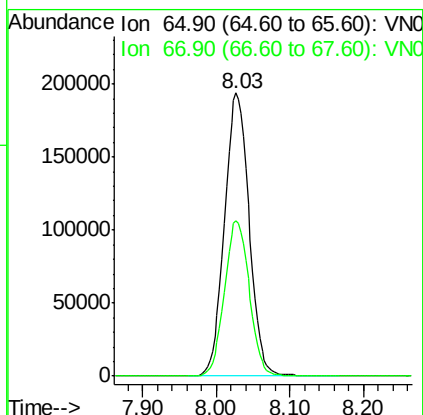
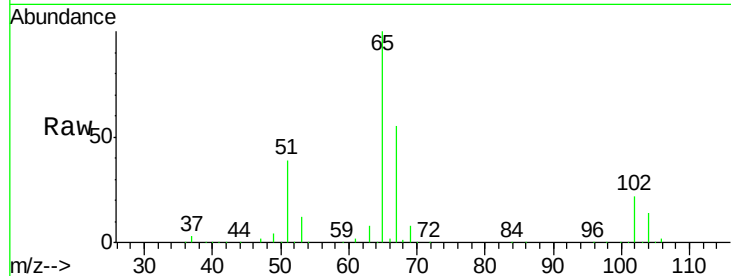




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

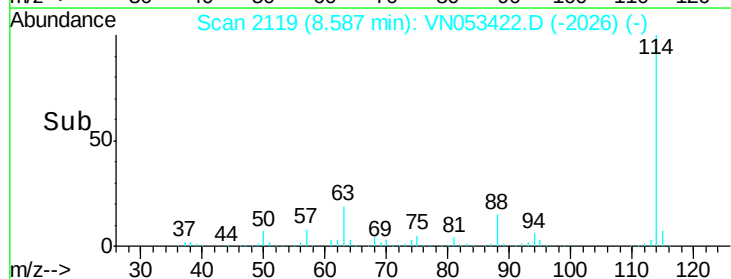
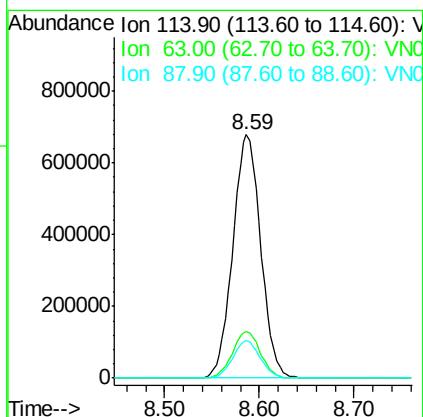
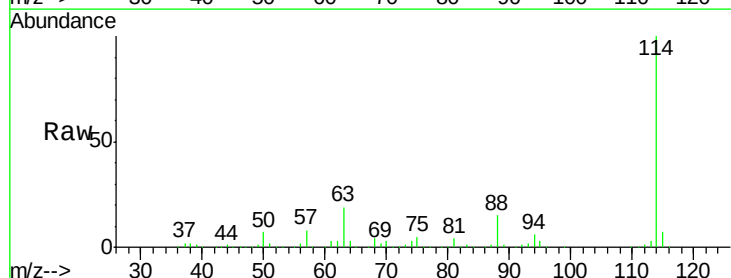
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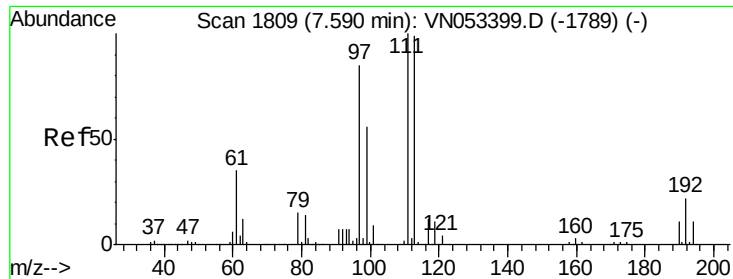
Tot Ion: 65 Resp: 450220
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Tgt Ion: 114 Resp: 1387918
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.4

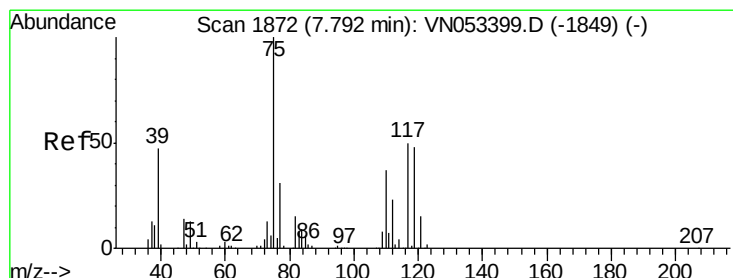
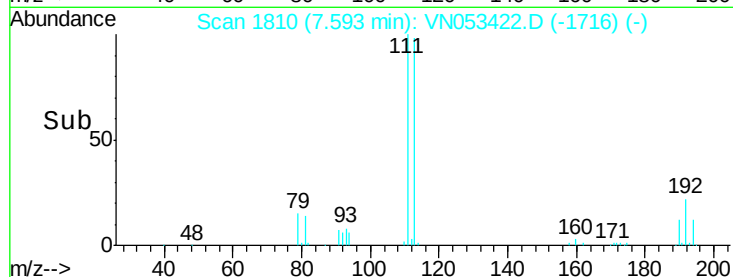
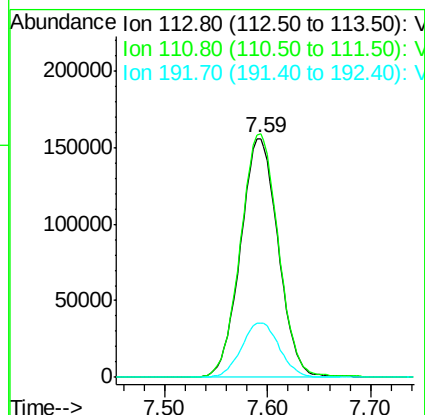
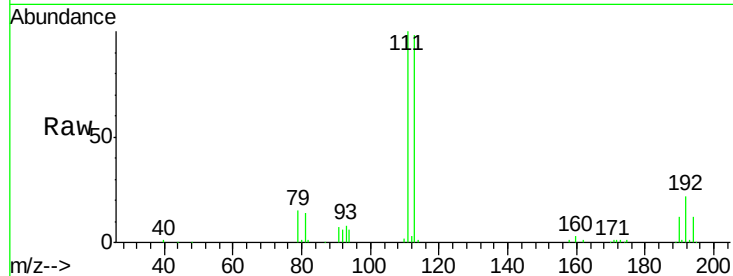




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

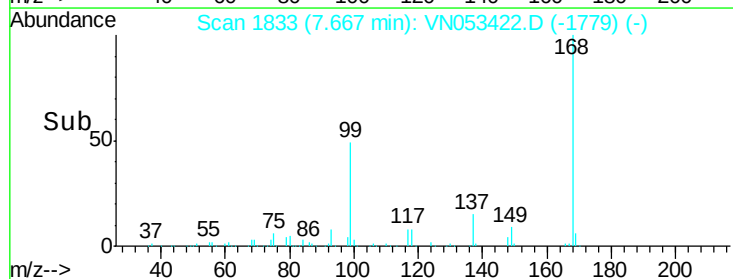
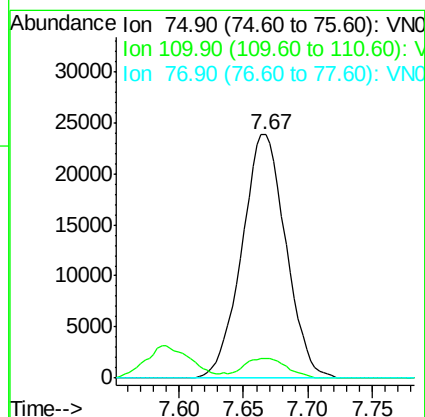
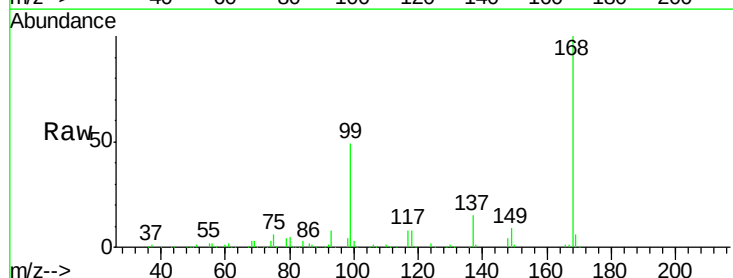
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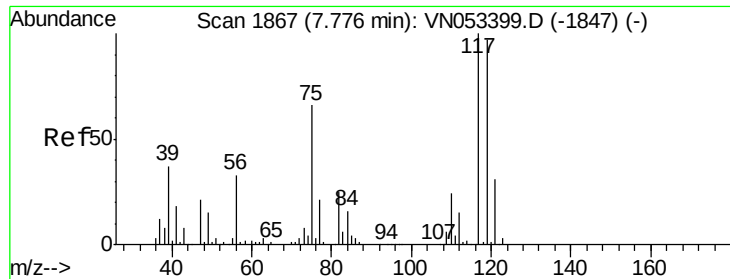
Tot Ion:113 Resp: 395041
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 22.9 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.484 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Tgt Ion: 75 Resp: 56679
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.1 54.3#
 77 0.0 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.303 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

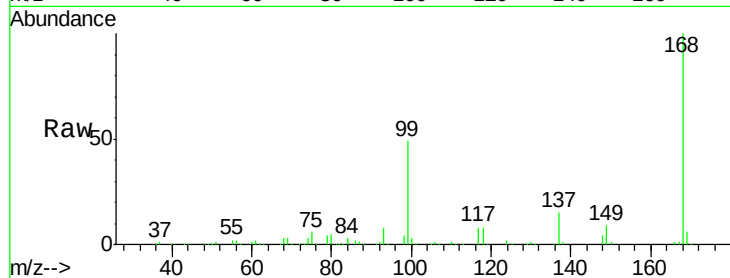
Tot Ion:117 Resp: 75432

Ion Ratio Lower Upper

117 100

119 4.4 77.2 115.8#

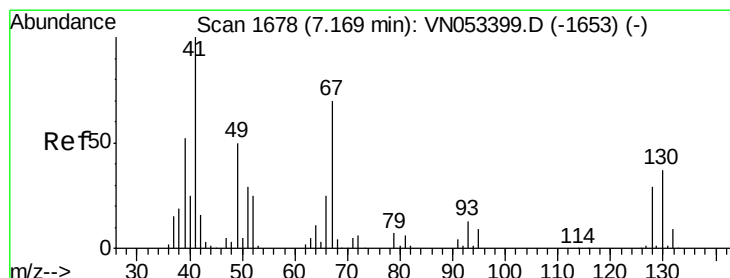
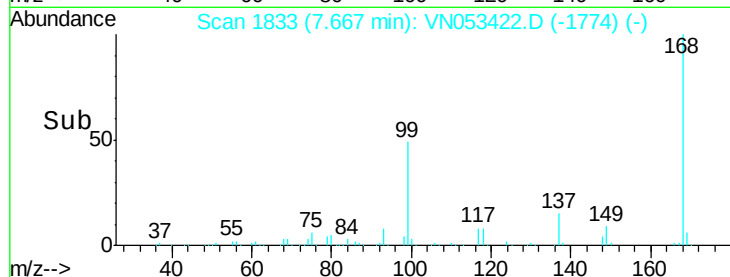
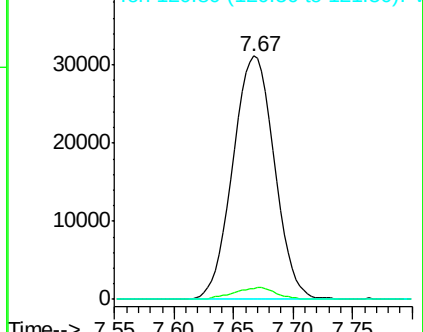
121 0.0 24.6 37.0#



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: 0.777 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.05 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Tgt Ion: 41 Resp: 478

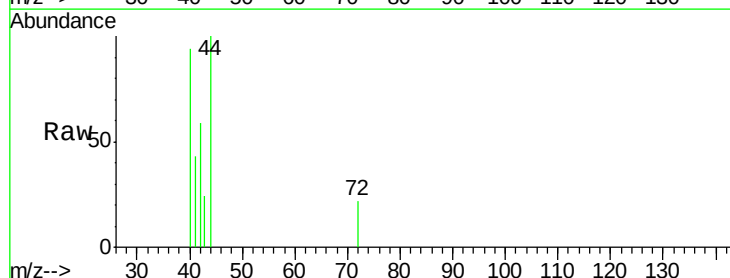
Ion Ratio Lower Upper

41 100

39 12.6 46.8 70.2#

67 0.0 63.0 94.6#

52 0.0 23.8 35.8#

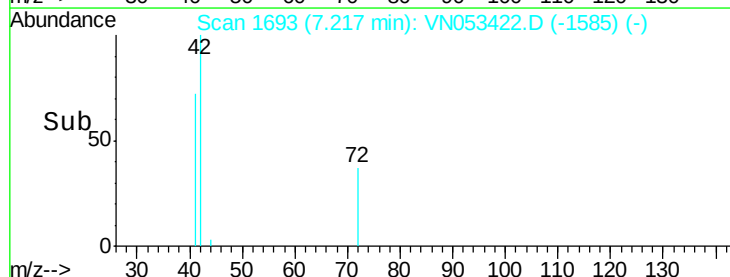
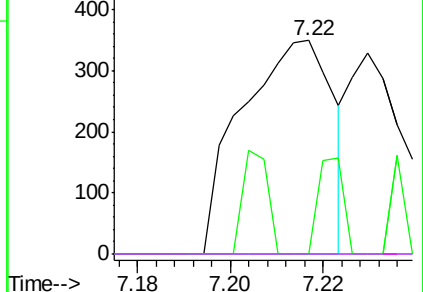


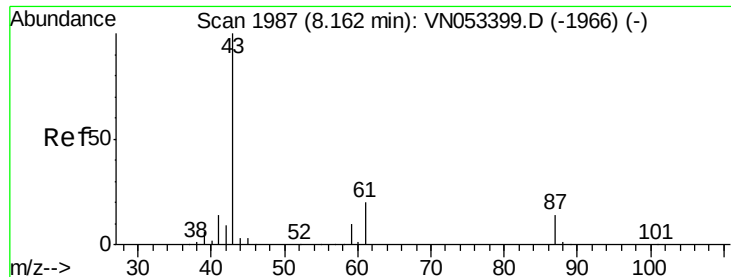
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 3.357 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

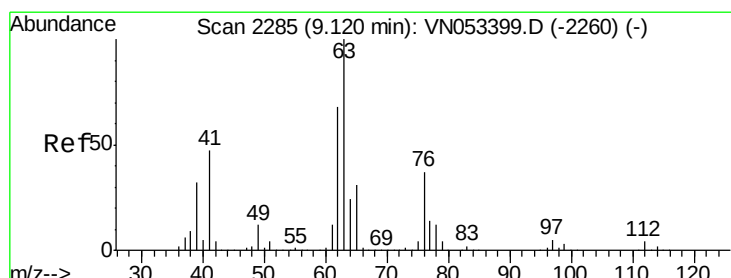
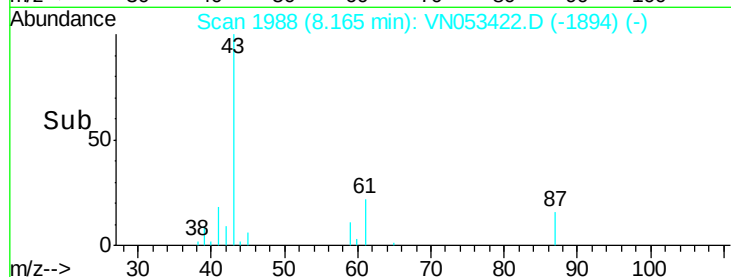
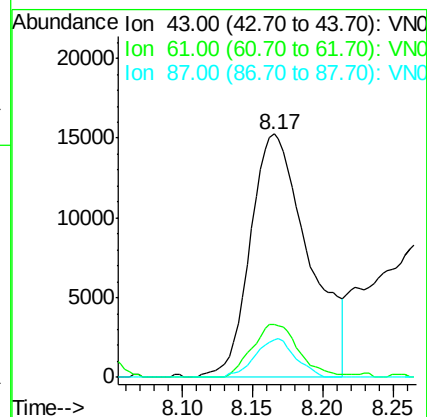
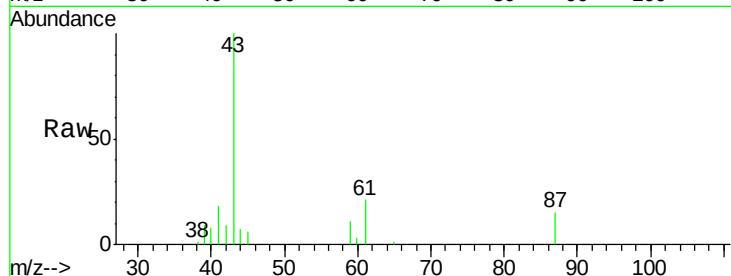
Tot Ion: 43 Resp: 43899

Ion Ratio Lower Upper

43 100

61 17.6 23.9 35.9#

87 11.0 11.0 16.6#



#45

1,2-Dichloropropane

Concen: 0.268 ug/l

RT: 9.26 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN053422.D

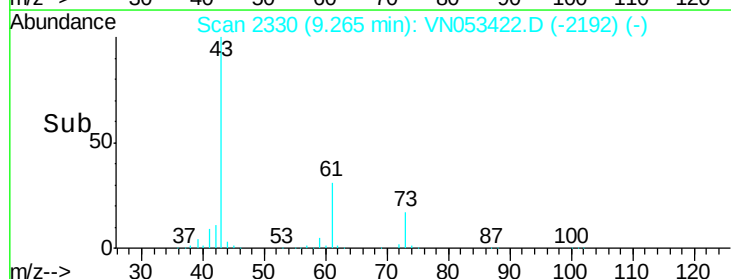
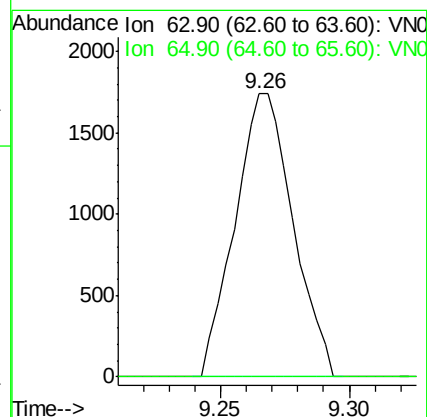
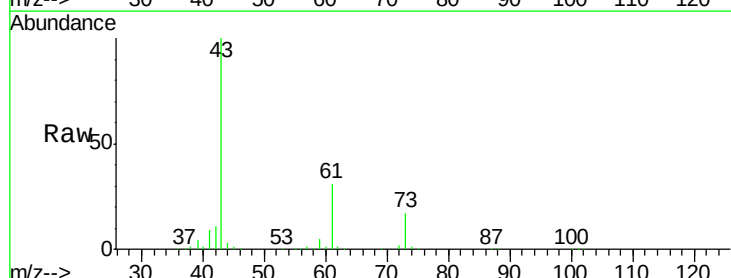
Acq: 16 Jan 2019 13:54

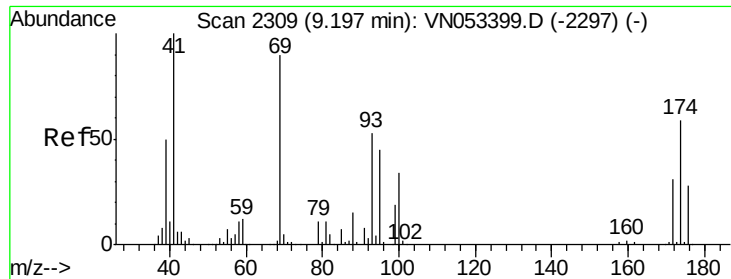
Tgt Ion: 63 Resp: 2728

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.4#

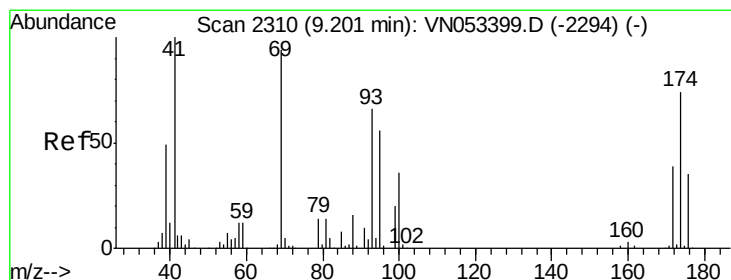
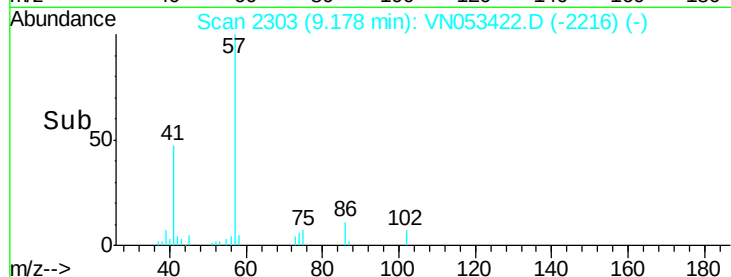
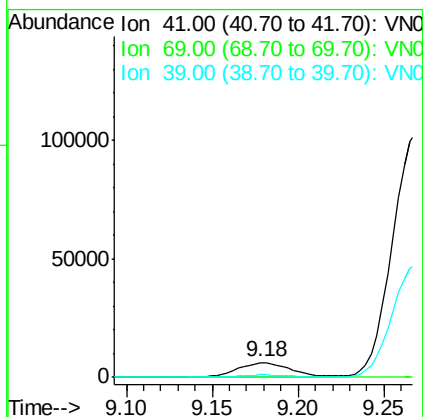
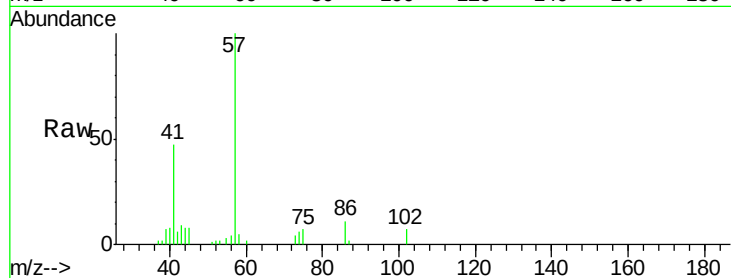




#48
Methvl methacrylate
Concen: 2.022 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

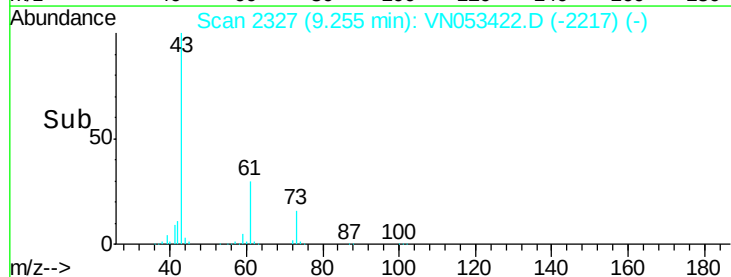
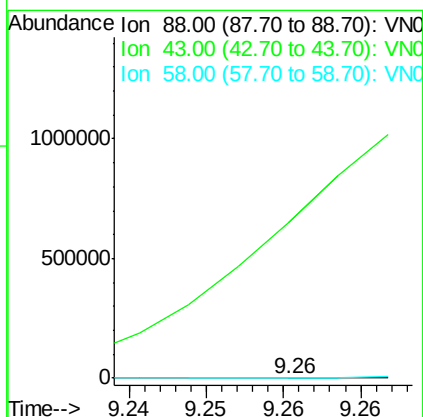
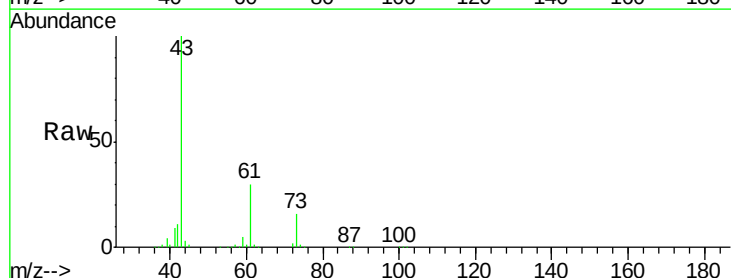
Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#05

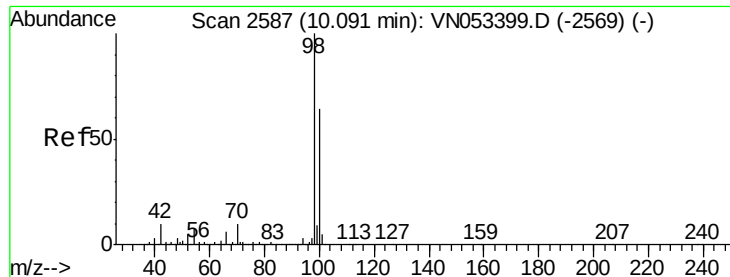
Tot Ion: 41 Resp: 13653
Ion Ratio Lower Upper
41 100
69 0.0 73.8 110.6#
39 0.0 40.0 60.0#



#49
1,4-Dioxane
Concen: 0.440 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.05 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 0.0 56.5 84.7#





#50

Toluene-d8

Concen: 0.440 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

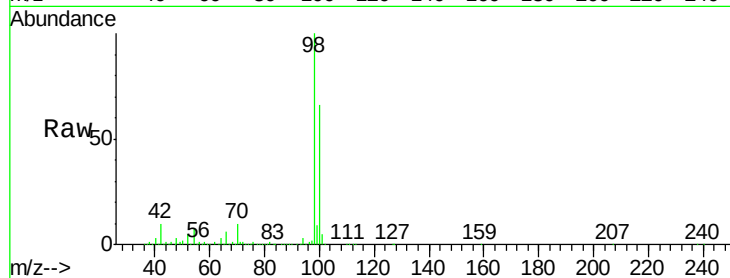
PB116405ZHE#05

Tot Ion: 98 Resp: 1735510

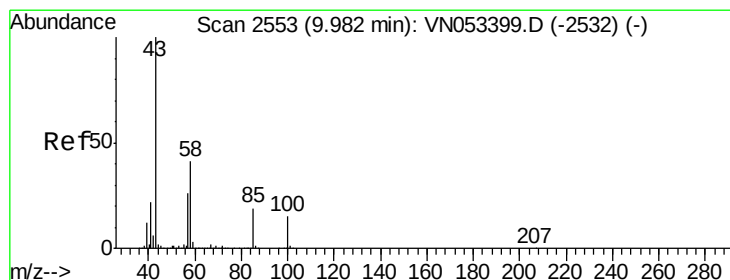
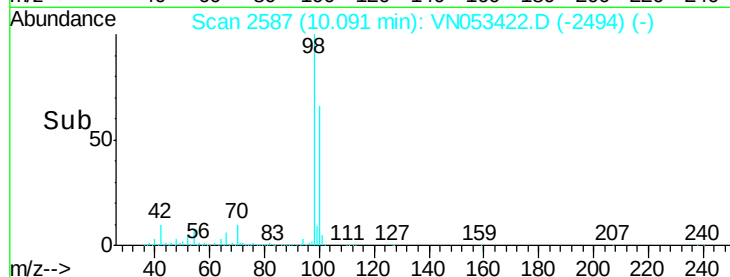
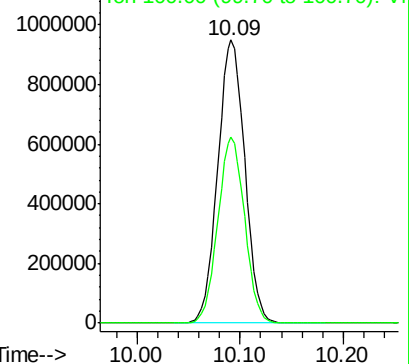
Ion Ratio Lower Upper

98 100

100 64.9 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#51

4-Methyl-2-Pentanone

Concen: 2.262 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053422.D

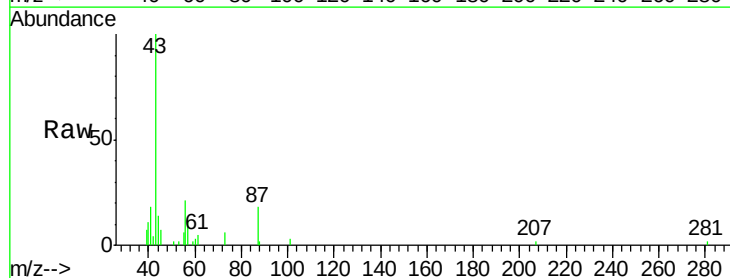
Acq: 16 Jan 2019 13:54

Tgt Ion: 43 Resp: 16150

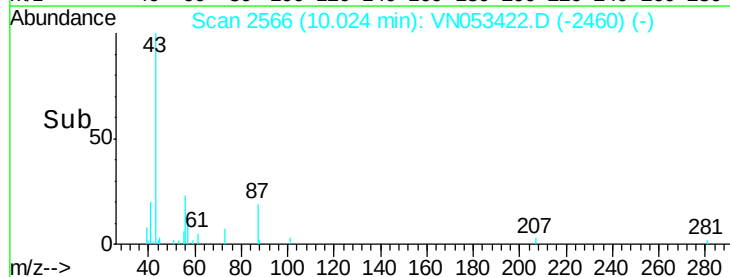
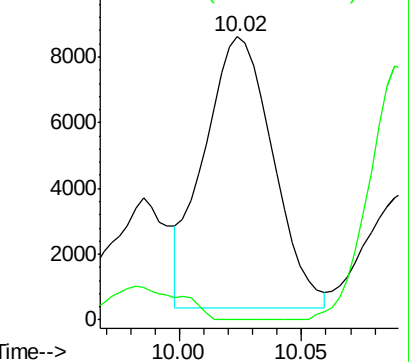
Ion Ratio Lower Upper

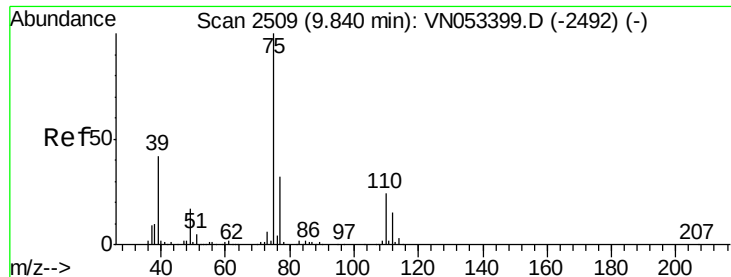
43 100

58 0.0 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-2532) (-)





#54

cis-1,3-Dichloropropene

Concen: 6.965 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

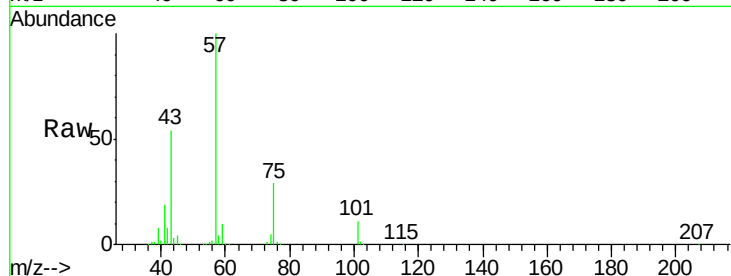
Tot Ion: 75 Resp: 101724

Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

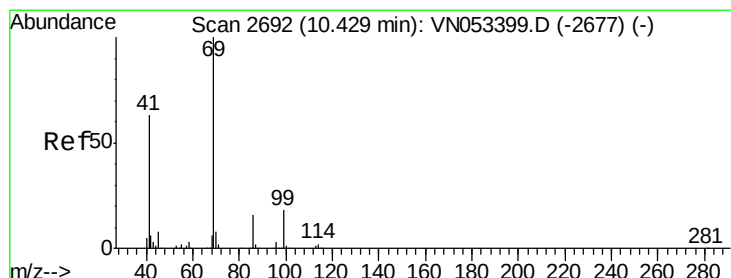
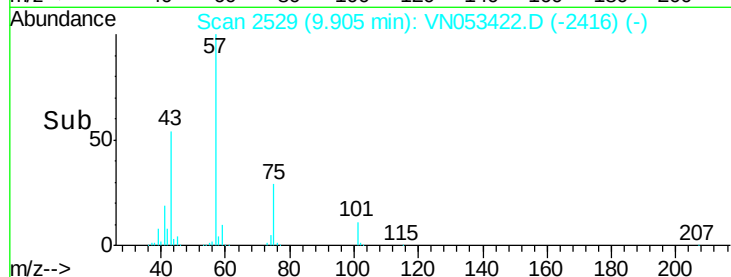
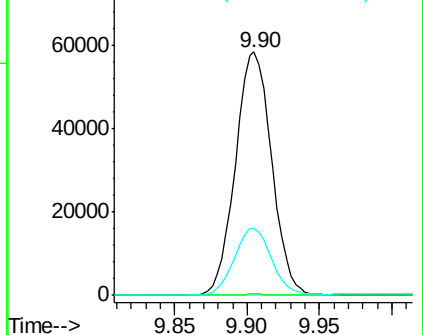
39 27.7 33.4 50.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



#56

Ethyl methacrylate

Concen: 2.198 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. 0.12 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

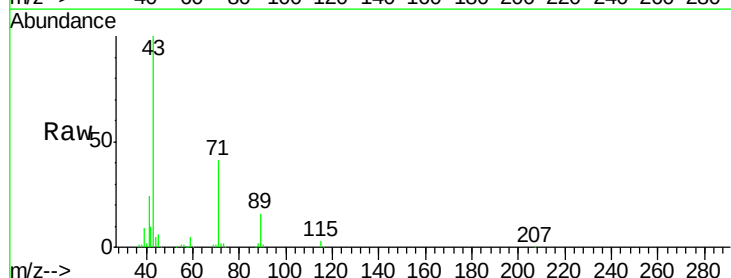
Tgt Ion: 69 Resp: 1712

Ion Ratio Lower Upper

69 100

41 4123.8 49.4 74.0#

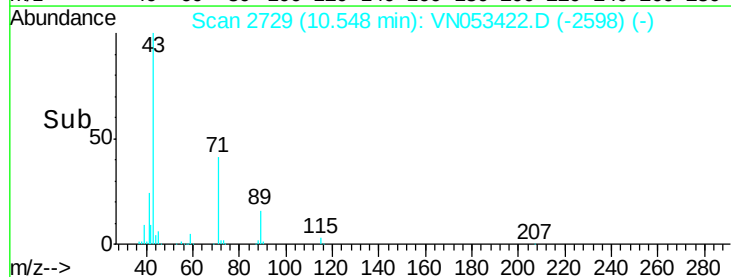
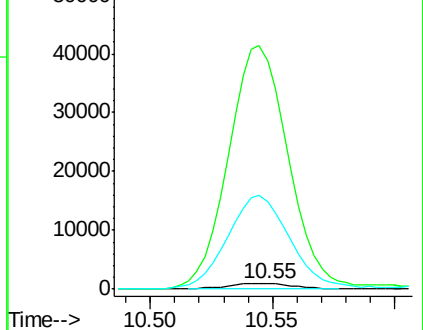
39 1670.7 23.3 34.9#

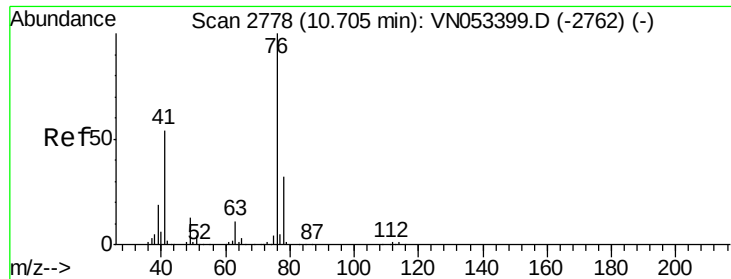


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

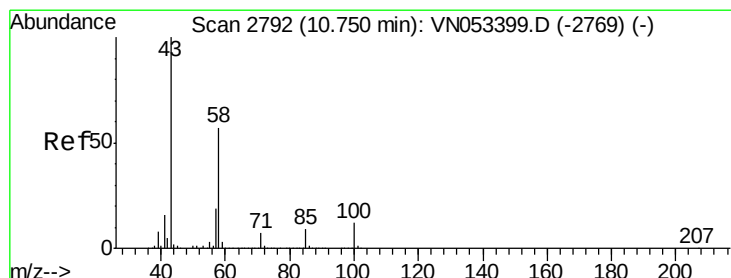
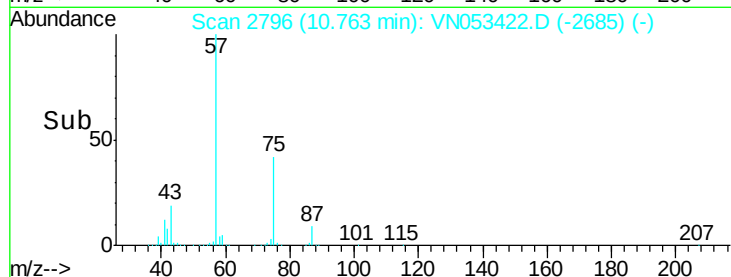
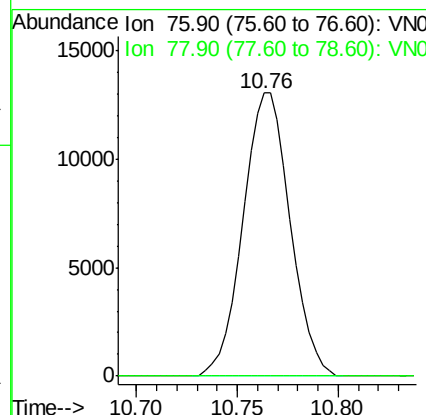
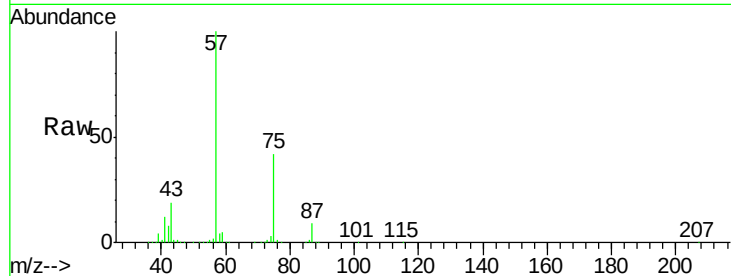




#57
 1,3-Dichloropropane
 Concen: 1.498 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

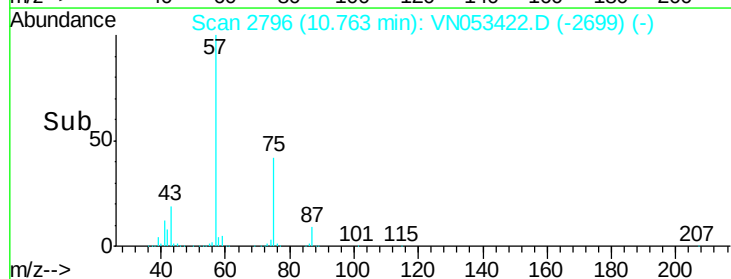
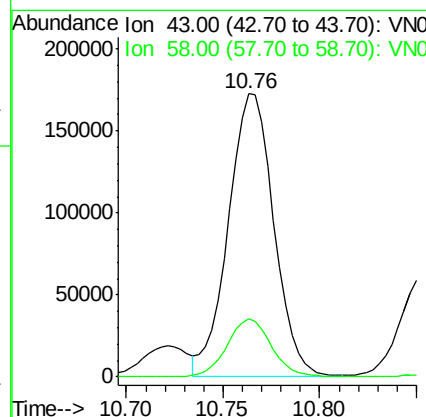
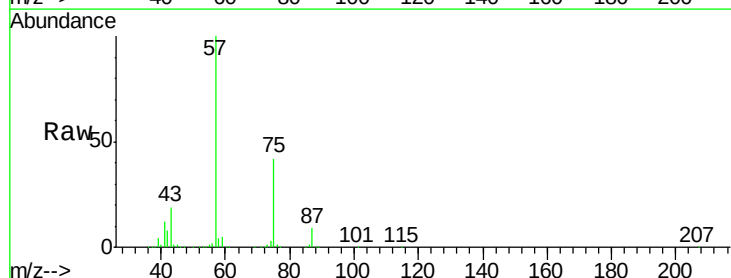
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#05

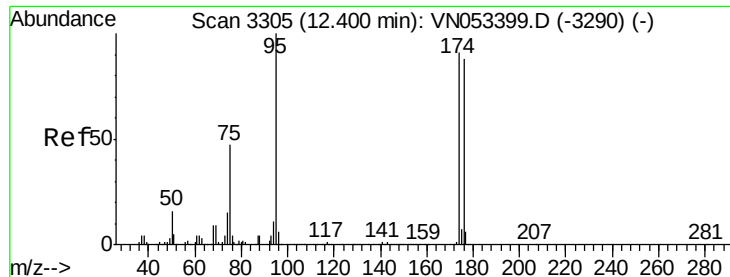
Tot Ion: 76 Resp: 21301
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#59
 2-Hexanone
 Concen: 56.093 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Tgt Ion: 43 Resp: 281077
 Ion Ratio Lower Upper
 43 100
 58 20.3 28.6 85.8#





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

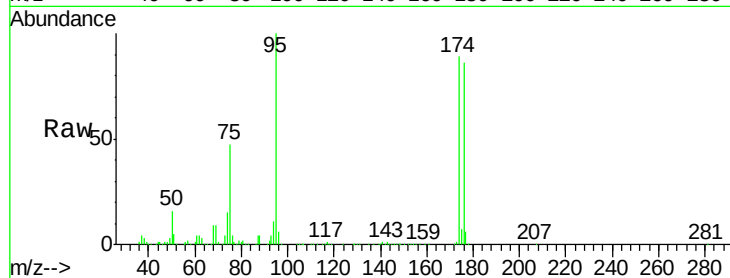
Tot Ion: 95 Resp: 604014

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

12.40

300000

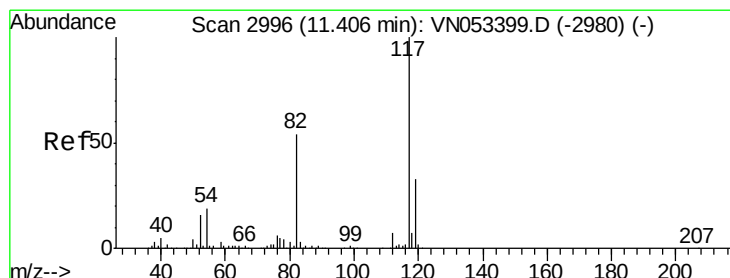
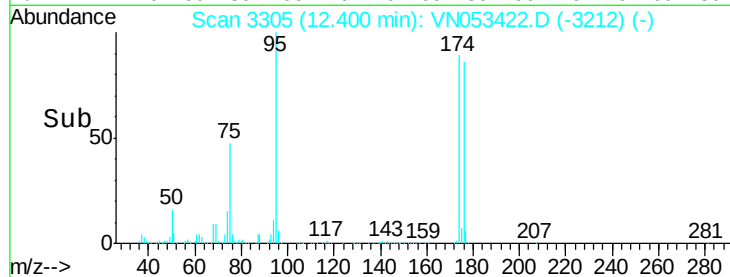
200000

100000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

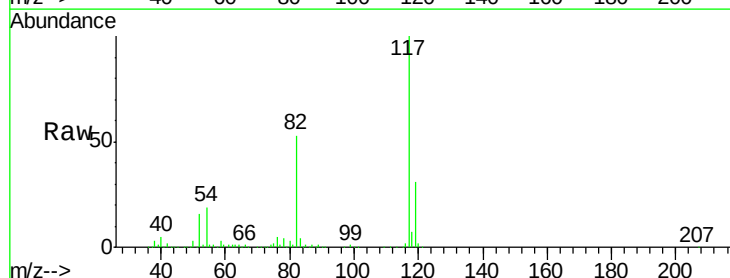
Tgt Ion: 117 Resp: 1327768

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

119 31.5 26.0 39.0



Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

11.41

1000000

800000

600000

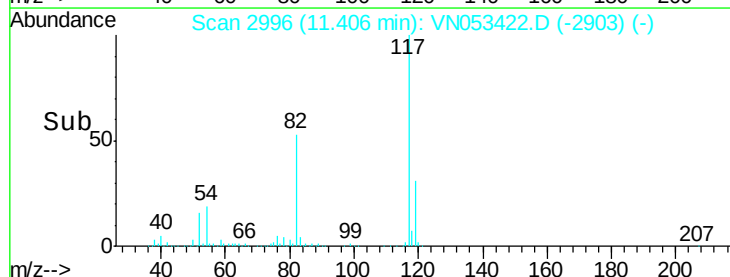
400000

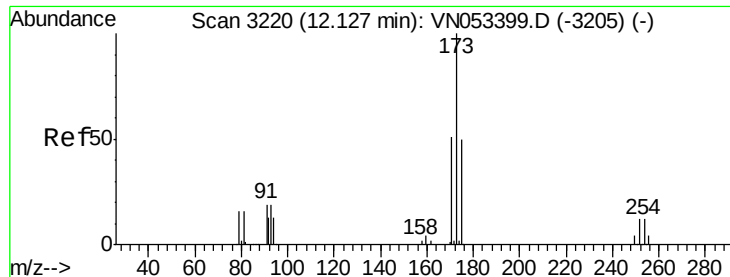
200000

0

11.30 11.40 11.50

Time-->

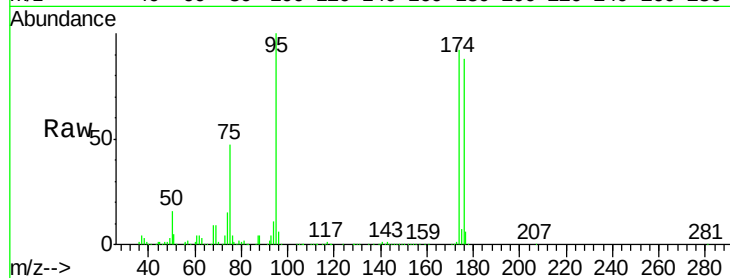




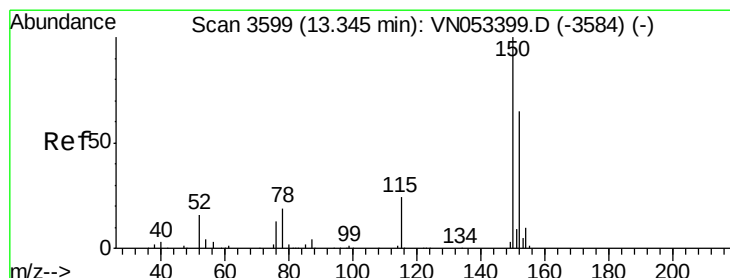
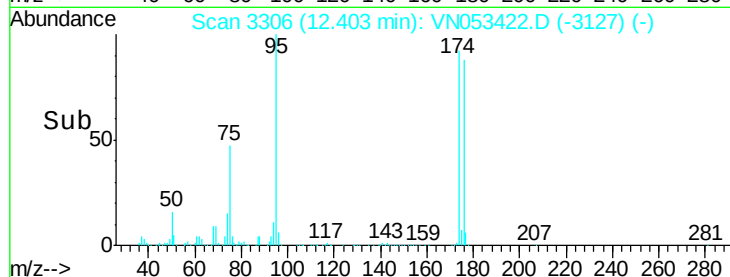
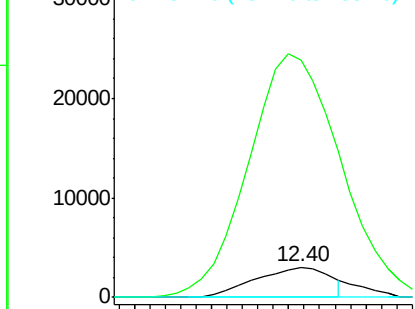
#71
Bromoform
Concen: 0.605 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#05

Tot Ion:173 Resp: 4069
Ion Ratio Lower Upper
173 100
175 868.0 24.6 74.0#
254 0.0 0.2 0.2#

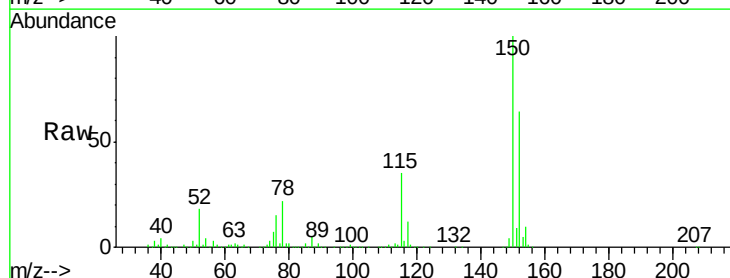


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

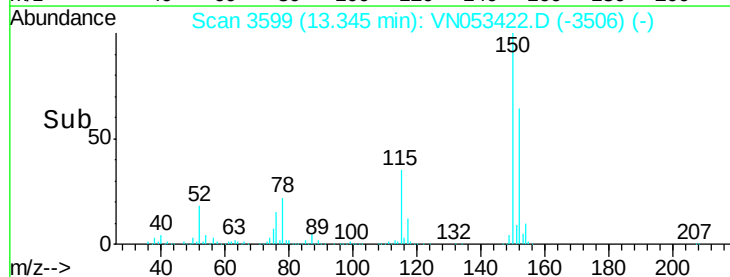
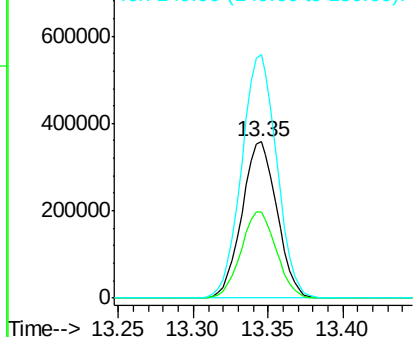


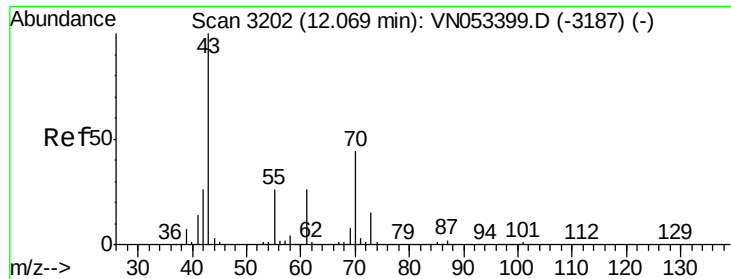
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053422.D
Acq: 16 Jan 2019 13:54

Tgt Ion:152 Resp: 583528
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.2 0.0 349.0



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: 2.979 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

PB116405ZHE#05

Tot Ion: 43 Resp: 33937

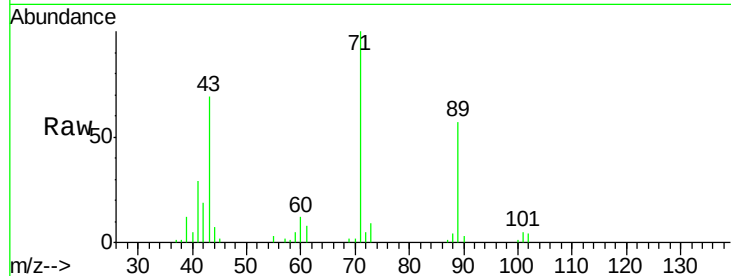
Ion Ratio Lower Upper

43 100

70 2.4 35.4 53.2#

55 4.7 20.9 31.3#

61 10.5 20.5 30.7#

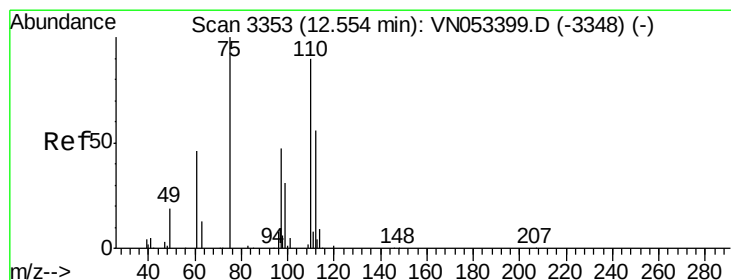
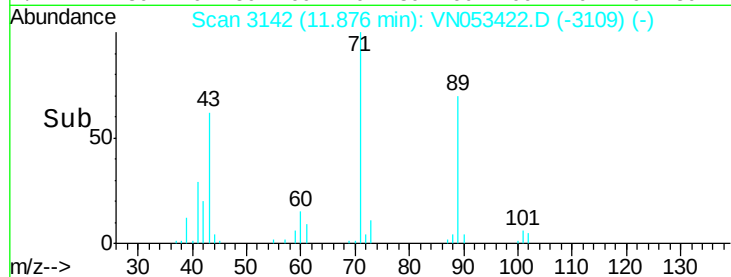
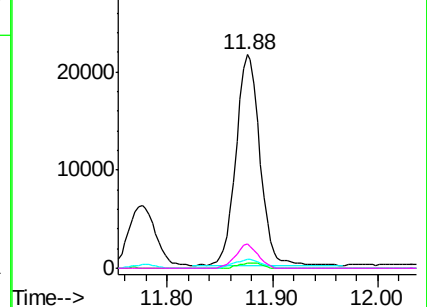


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO



#76

1,2,3-Trichloropropane

Concen: 36.958 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053422.D

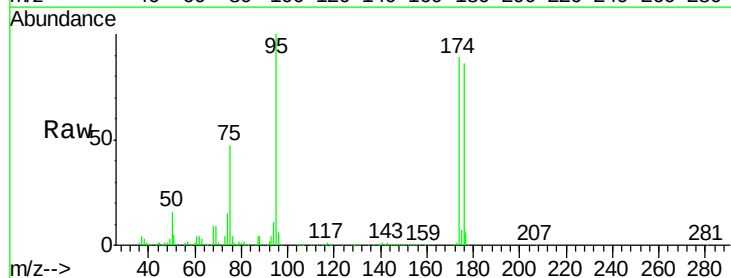
Acq: 16 Jan 2019 13:54

Tgt Ion: 75 Resp: 284200

Ion Ratio Lower Upper

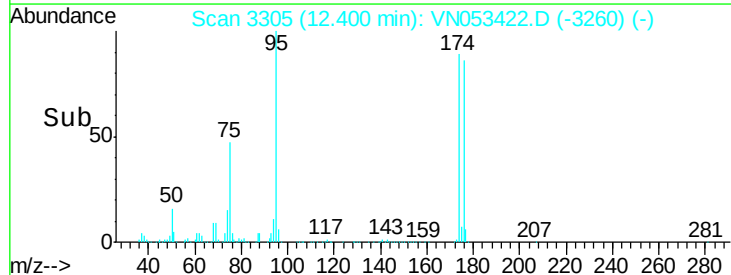
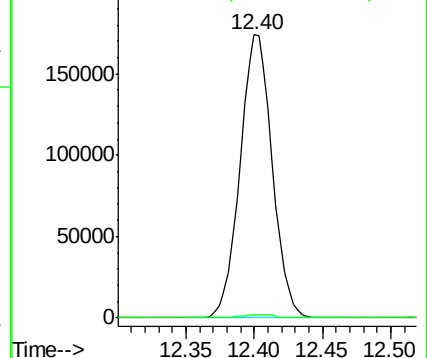
75 100

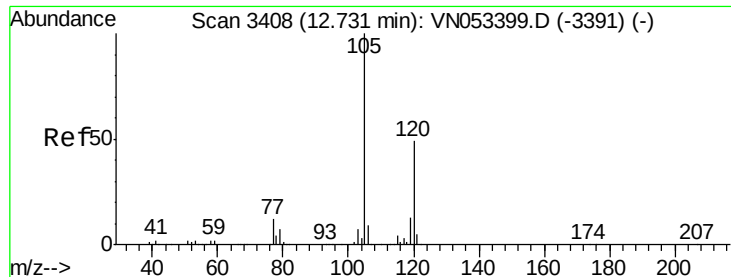
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#80

1,3,5-Trimethylbenzene

Concen: 0.276 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

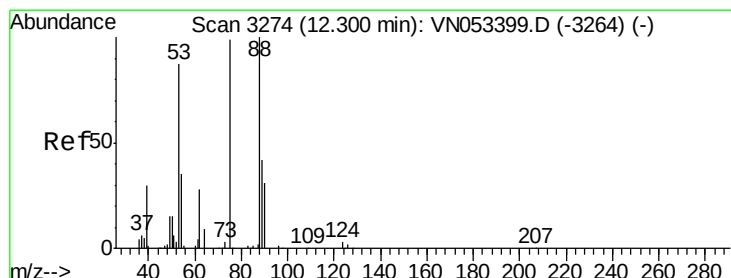
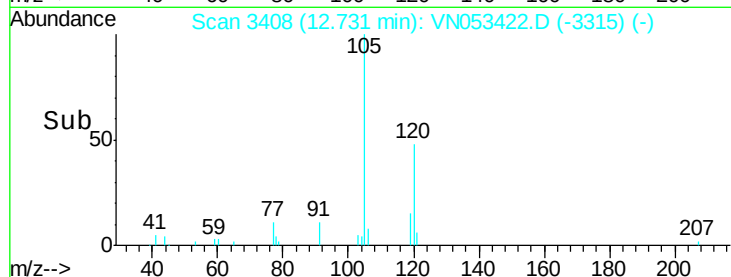
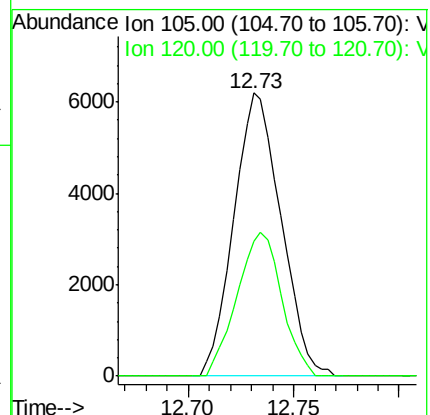
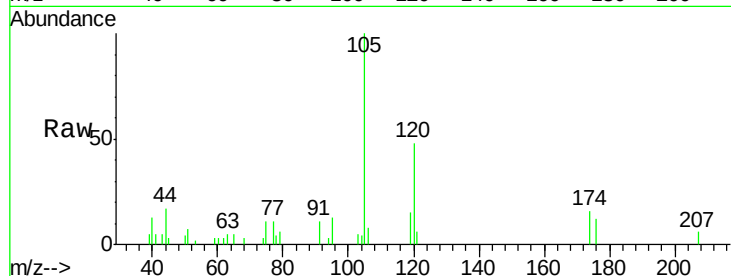
PB116405ZHE#05

Tot Ion:105 Resp: 9601

Ion Ratio Lower Upper

105 100

120 48.2 24.9 74.6



#81

trans-1,4-Dichloro-2-butene

Concen: 91.326 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053422.D

Acq: 16 Jan 2019 13:54

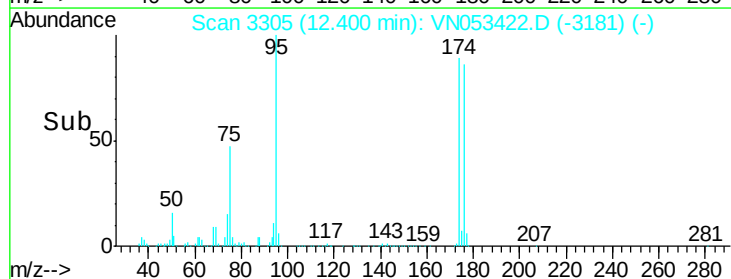
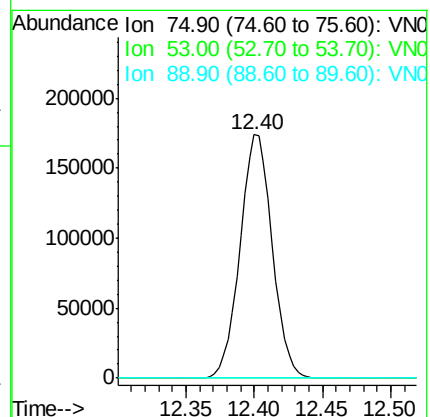
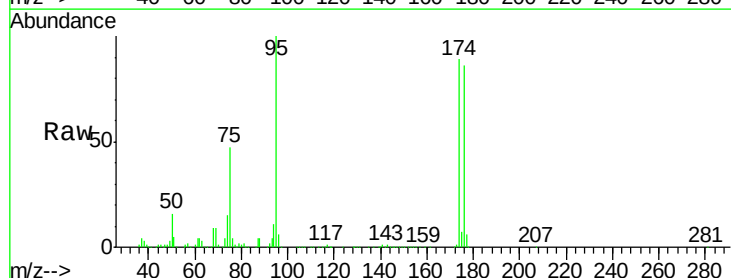
Tgt Ion: 75 Resp: 284200

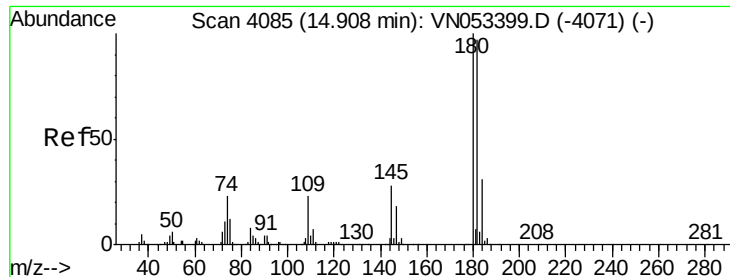
Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

89 0.0 35.6 53.4#

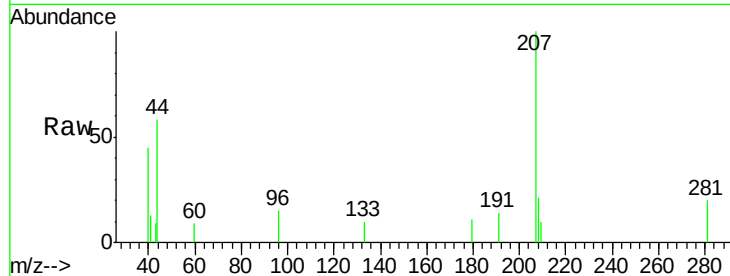




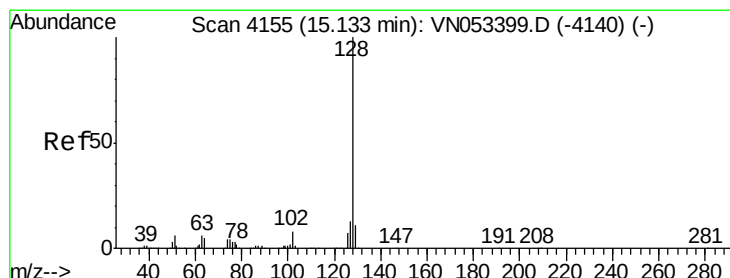
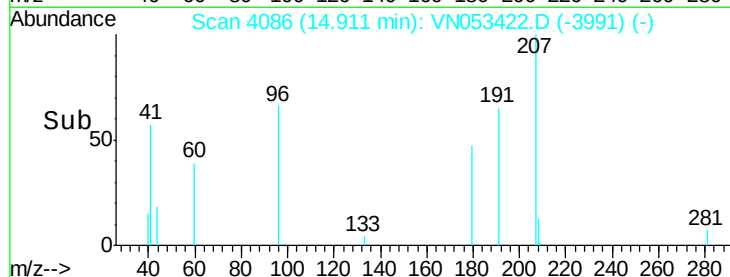
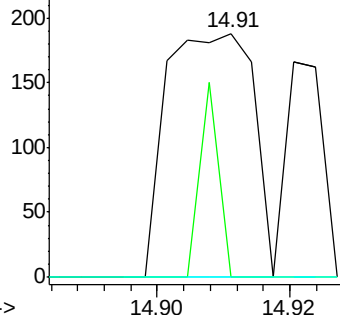
#93
 1,2,4-Trichlorobenzene
 Concen: 2.786 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405ZHE#05

Tot Ion:180 Resp: 171
 Ion Ratio Lower Upper
 180 100
 182 17.0 48.1 144.3#
 145 0.0 13.9 41.6#

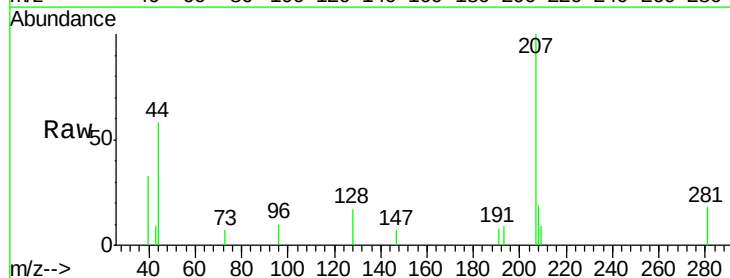


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



#95
 Naphthalene
 Concen: 3.966 ug/l
 RT: 15.14 min Scan# 4158
 Delta R.T. 0.01 min
 Lab File: VN053422.D
 Acq: 16 Jan 2019 13:54

Tgt Ion:128 Resp: 417
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

