

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053417.D
 Acq On : 16 Jan 2019 11:41
 Operator : JC/SP
 Sample : PB116405TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405TB

Quant Time: Jan 17 03:54:43 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	931517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1444049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1367943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	577258	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	466590	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	421160	51.10	ug/l	0.00
Spiked Amount			Recovery	=	102.20%	
50) Toluene-d8	10.09	98	1825247	52.37	ug/l	0.00
Spiked Amount			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	12.40	95	625296	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	

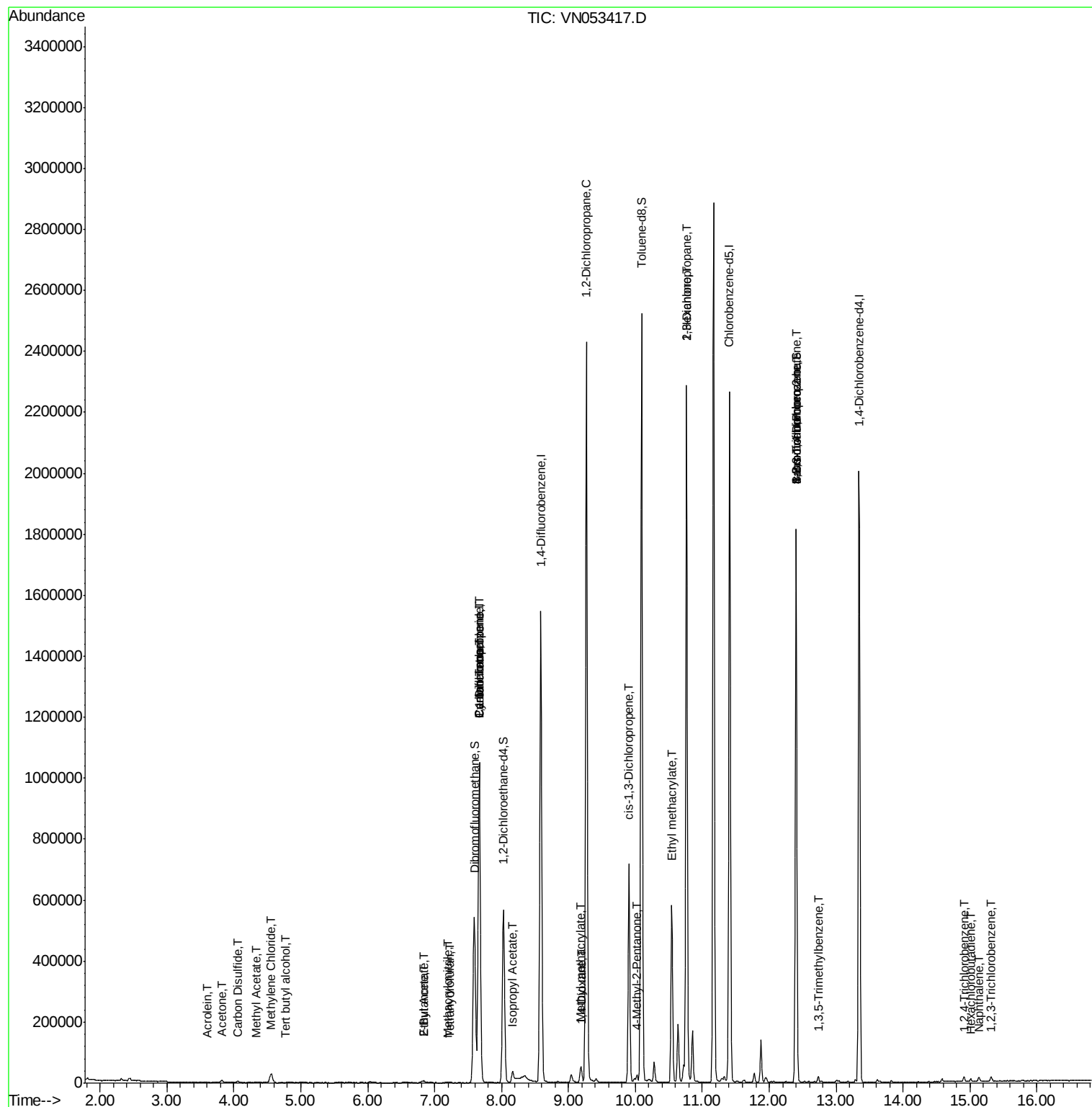
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	312	0.693	ug/l #	72
13) Acrolein	3.61	56	382	23.133	ug/l #	46
16) Acetone	3.82	43	12433	5.756	ug/l	97
17) Carbon Disulfide	4.06	76	5808	0.232	ug/l #	86
18) Methyl Acetate	4.33	43	1592	0.219	ug/l	99
20) Methylene Chloride	4.56	84	21340	2.164	ug/l	95
25) 2-Butanone	6.84	43	6850	2.058	ug/l	99
29) Tetrahydrofuran	7.22	42	1352	0.624	ug/l #	67
31) Cyclohexane	7.66	56	15404	0.732	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	60421	4.594	ug/l #	48
37) Ethyl Acetate	6.84	43	6850	0.905	ug/l #	75
38) Carbon Tetrachloride	7.67	117	79865	6.415	ug/l #	16
41) Methacrylonitrile	7.18	41	111	0.692	ug/l #	13
43) Isopropyl Acetate	8.17	43	50702	3.727	ug/l #	83
45) 1,2-Dichloropropane	9.27	63	3062	0.289	ug/l #	43
48) Methyl methacrylate	9.18	41	18724	2.665	ug/l #	22
49) 1,4-Dioxane	9.20	88	64	0.933	ug/l #	1
51) 4-Methyl-2-Pentanone	10.02	43	20762	2.796	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	139330	9.169	ug/l #	61
56) Ethyl methacrylate	10.54	69	2014	2.217	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	24315	1.643	ug/l #	43
59) 2-Hexanone	10.76	43	325269	62.389	ug/l #	51
71) Bromoform	12.40	173	3813	0.550	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	288061	37.867	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	9788	0.285	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	288061	93.510	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	6216	3.505	ug/l	91
94) Hexachlorobutadiene	15.01	225	1985	0.353	ug/l	99
95) Naphthalene	15.13	128	13207	4.811	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	6410	4.919	ug/l	95

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

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Quant Time: Jan 17 03:54:43 2019
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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: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

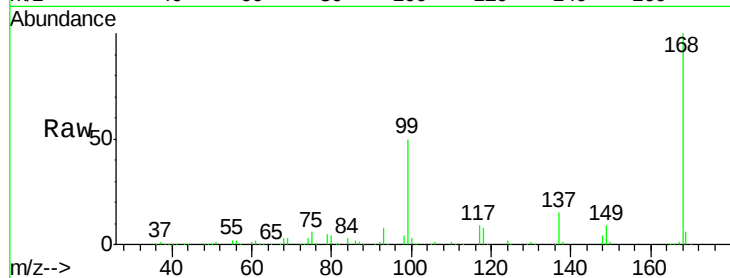
PB116405TB

Tot Ion:168 Resp: 931517

Ion Ratio Lower Upper

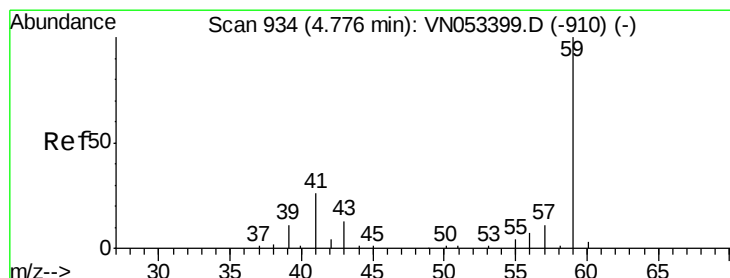
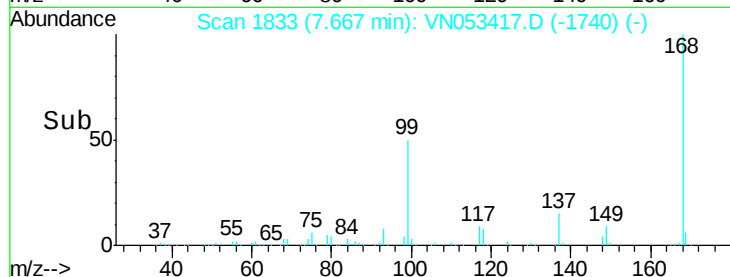
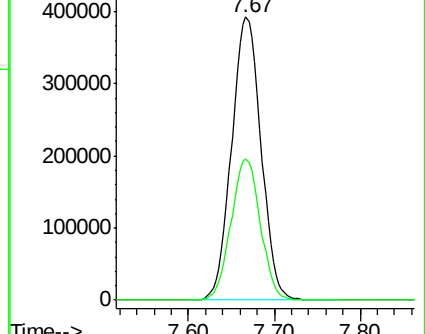
168 100

99 49.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.693 ug/l

RT: 4.77 min Scan# 932

Delta R.T. -0.01 min

Lab File: VN053417.D

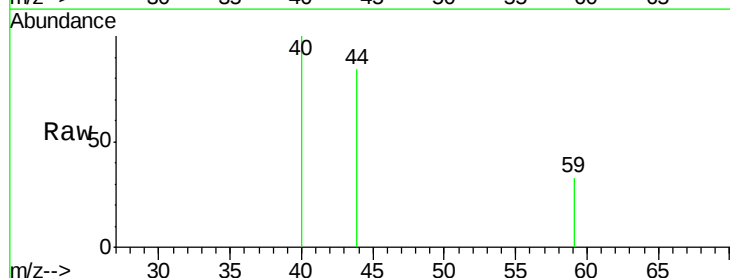
Acq: 16 Jan 2019 11:41

Tgt Ion: 59 Resp: 312

Ion Ratio Lower Upper

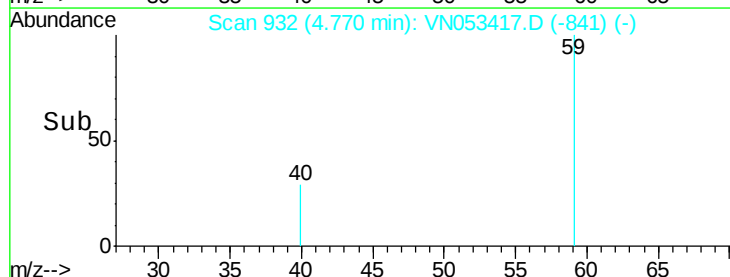
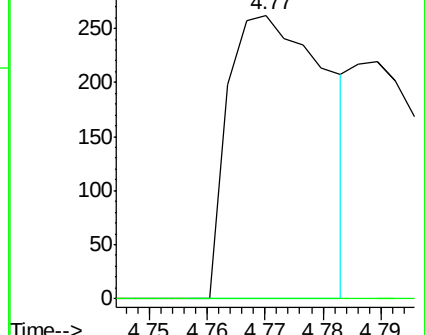
59 100

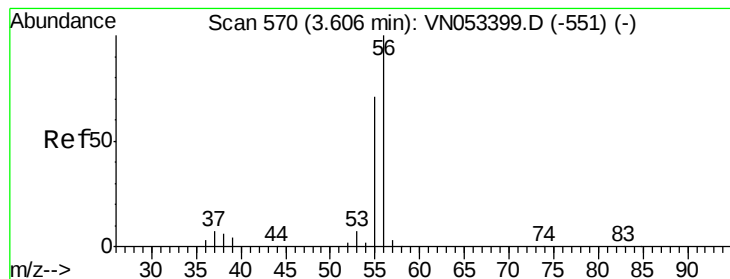
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 23.133 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

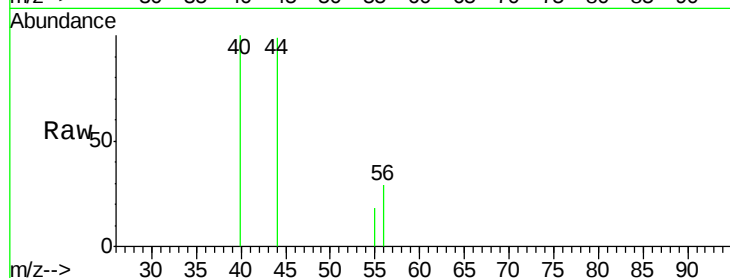
PB116405TB

Tot Ion: 56 Resp: 382

Ion Ratio Lower Upper

56 100

55 26.7 57.4 86.0#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

250

200

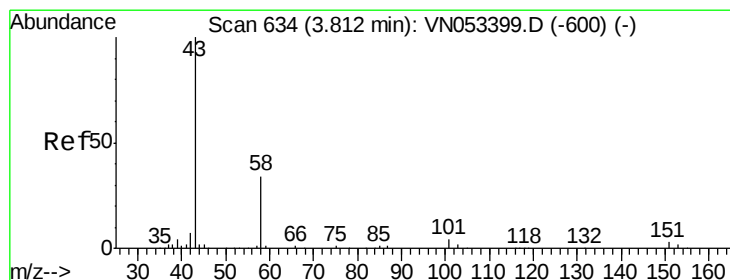
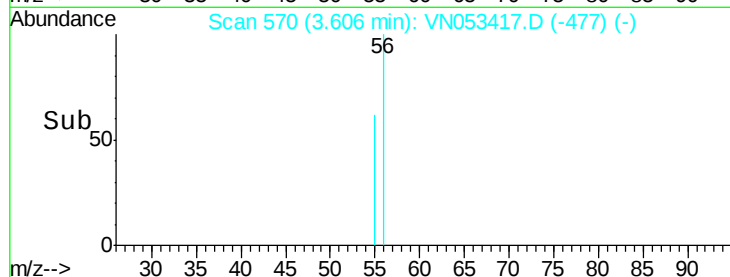
150

100

50

0

Time-->



#16

Acetone

Concen: 5.756 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053417.D

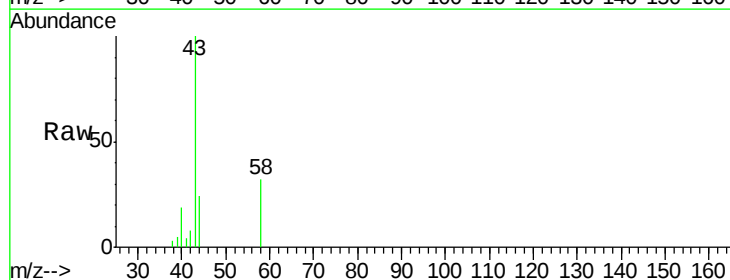
Acq: 16 Jan 2019 11:41

Tgt Ion: 43 Resp: 12433

Ion Ratio Lower Upper

43 100

58 32.3 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

5000

4000

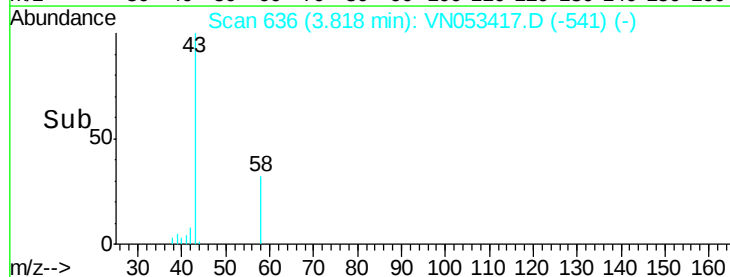
3000

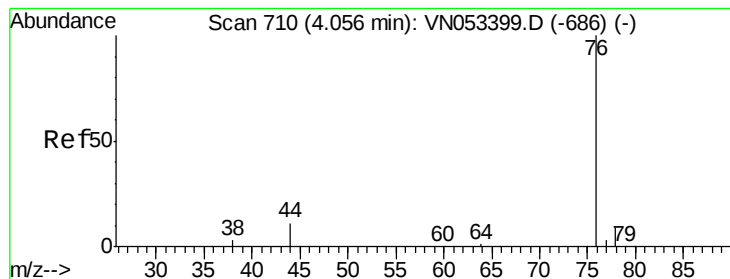
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 0.232 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampled :

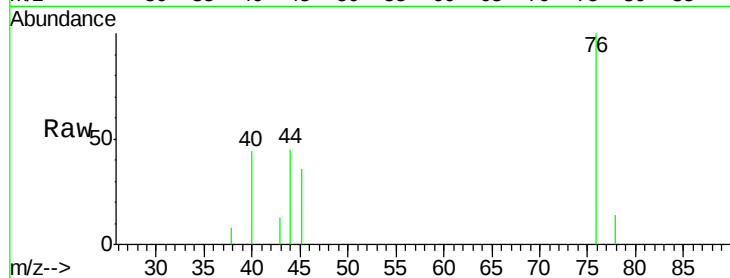
PB116405TB

Tot Ion: 76 Resp: 5808

Ion Ratio Lower Upper

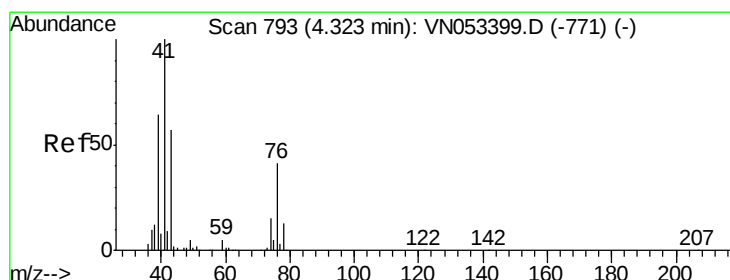
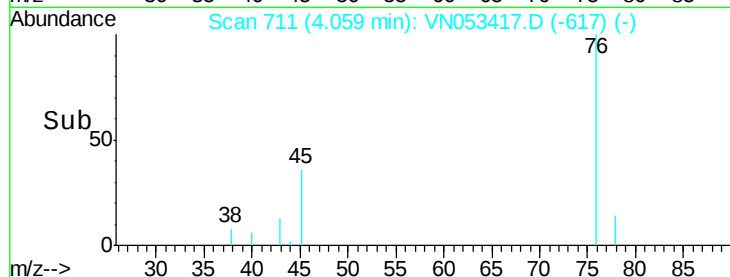
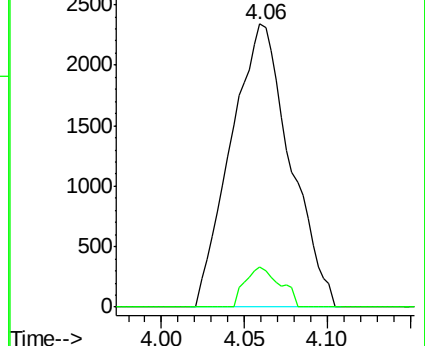
76 100

78 14.2 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.219 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN053417.D

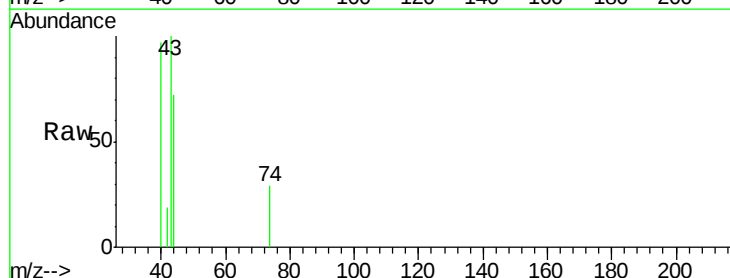
Acq: 16 Jan 2019 11:41

Tgt Ion: 43 Resp: 1592

Ion Ratio Lower Upper

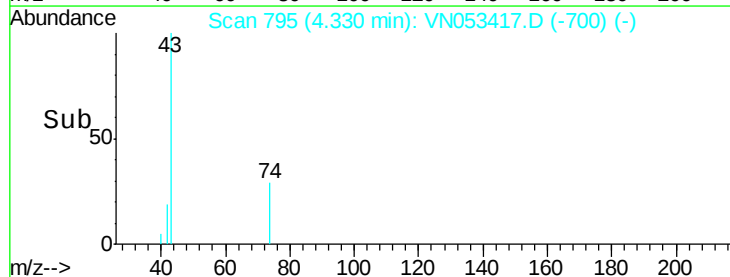
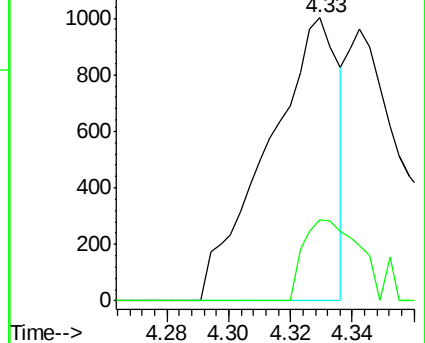
43 100

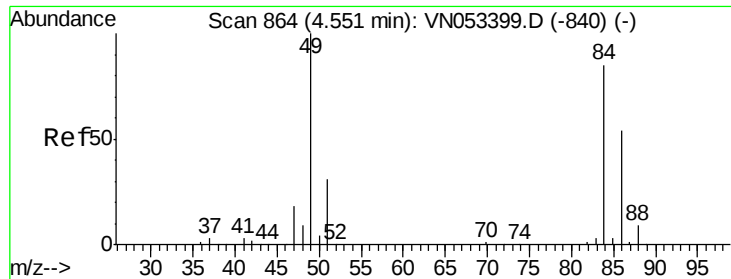
74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

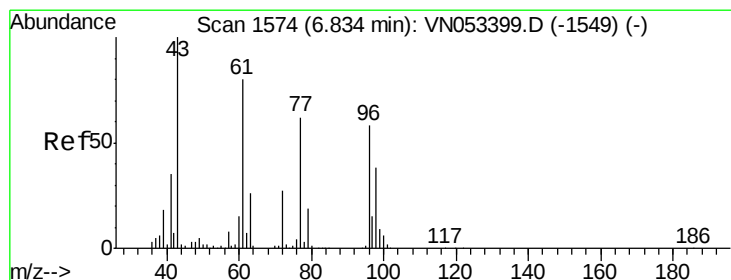
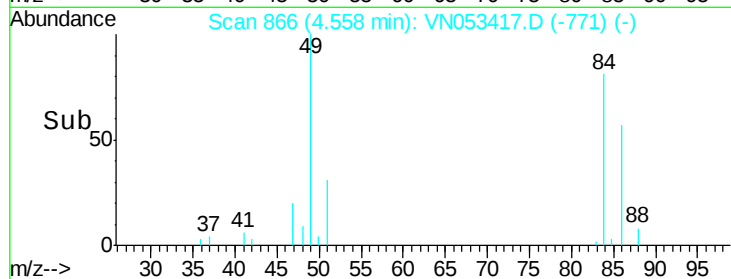
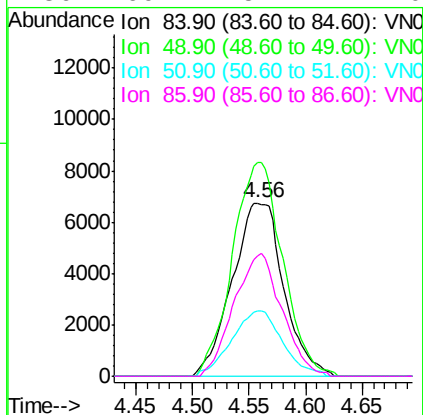
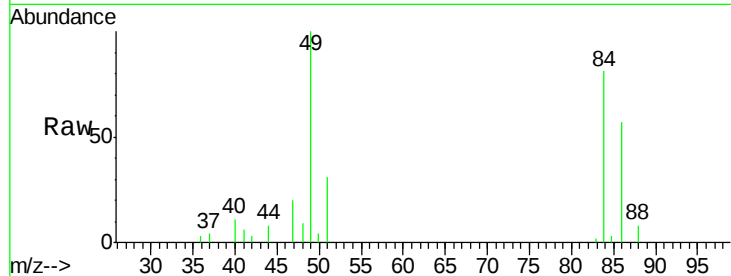




#20
Methylene Chloride
Concen: 2.164 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

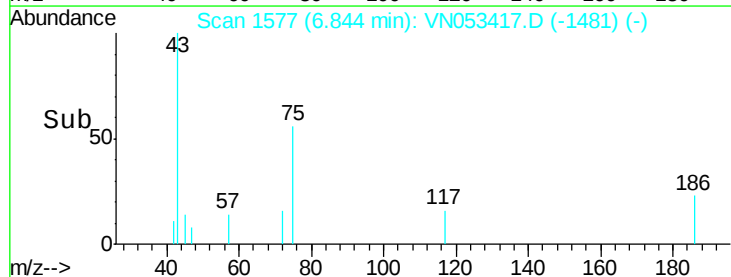
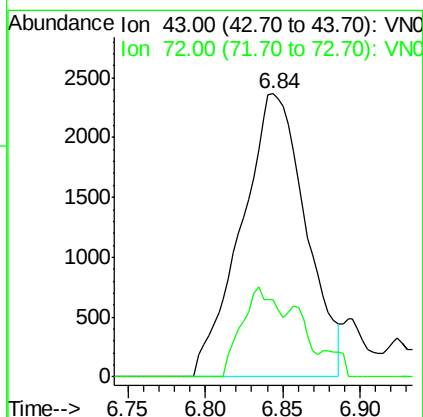
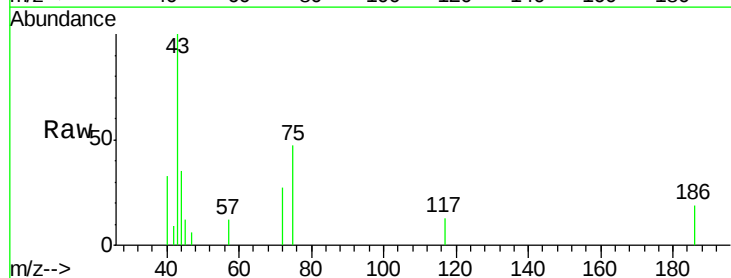
Instrument :
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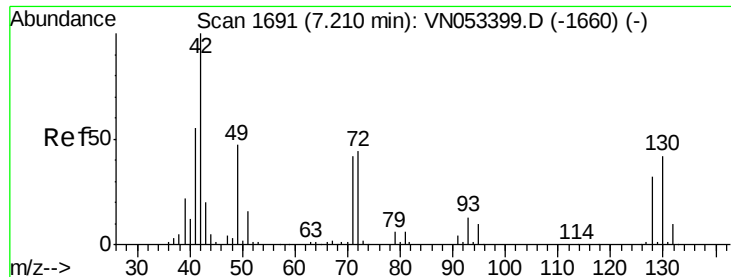
Tot Ion: 84 Resp: 21340
Ion Ratio Lower Upper
84 100
49 123.4 94.3 141.5
51 37.8 29.4 44.2
86 69.7 51.4 77.0



#25
2-Butanone
Concen: 2.058 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion: 43 Resp: 6850
Ion Ratio Lower Upper
43 100
72 27.2 22.0 33.0

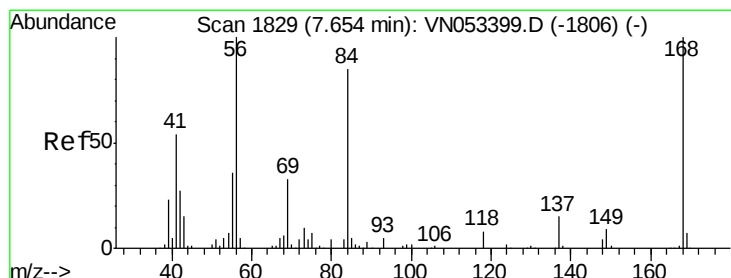
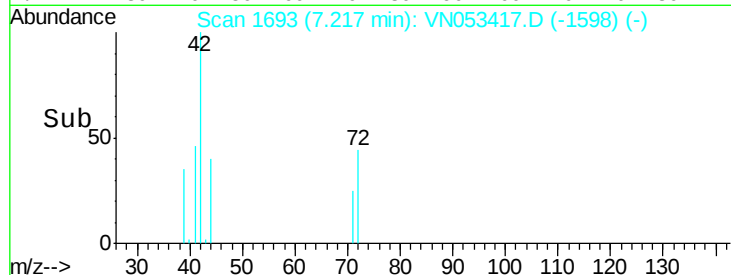
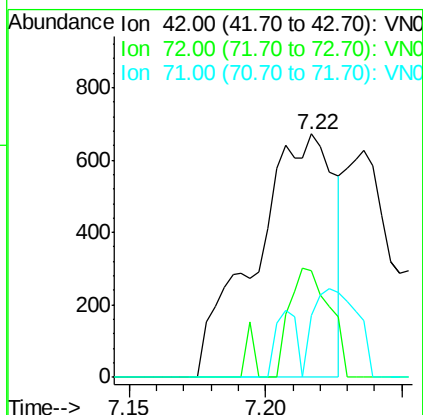
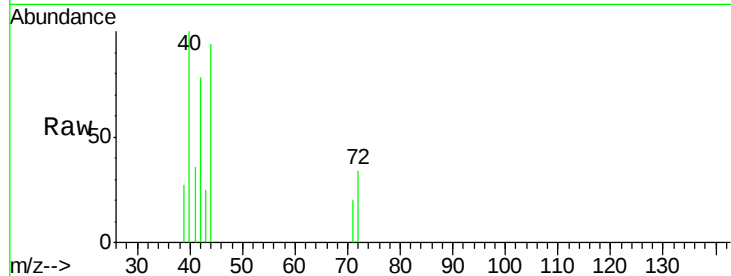




#29
Tetrahydrofuran
Concen: 0.624 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

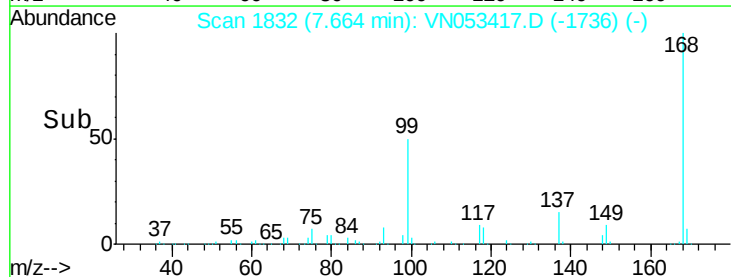
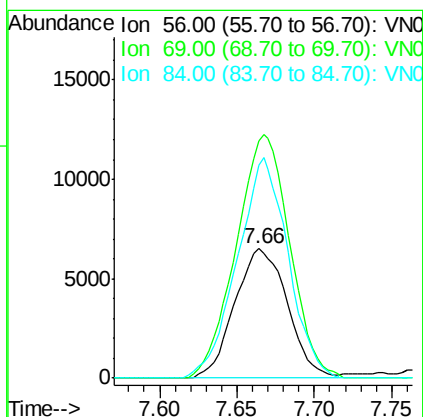
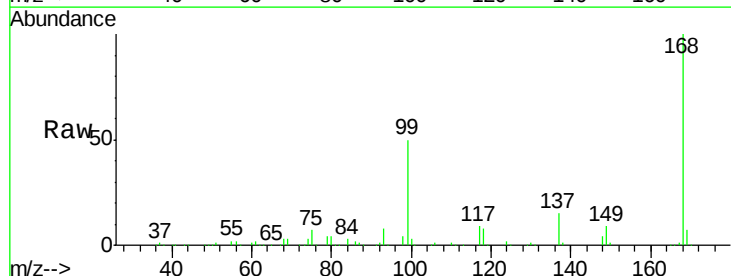
Instrument :
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ClientSampled :
PB116405TB

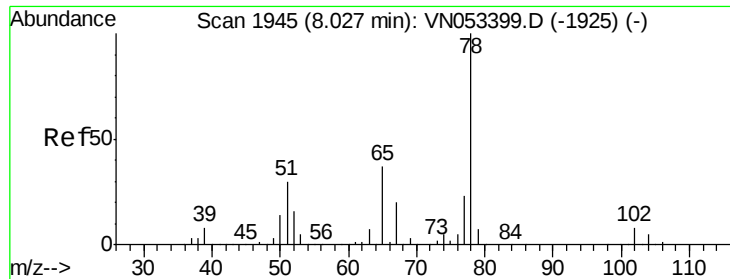
Tot Ion: 42 Resp: 1352
Ion Ratio Lower Upper
42 100
72 22.9 35.2 52.8#
71 20.3 33.0 49.4#



#31
Cyclohexane
Concen: 0.732 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion: 56 Resp: 15404
Ion Ratio Lower Upper
56 100
69 183.2 26.4 39.6#
84 164.7 67.9 101.9#

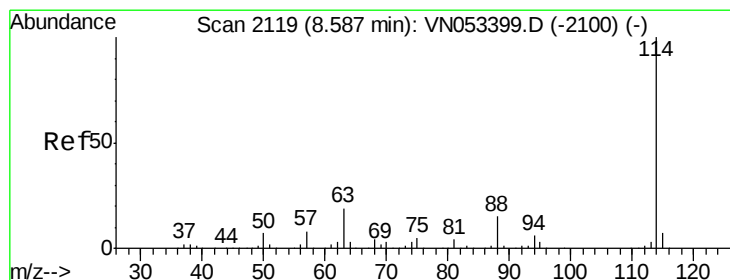
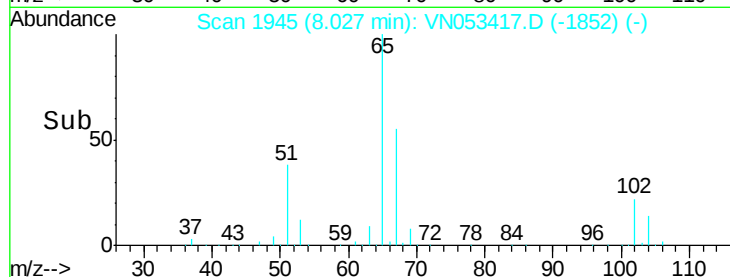
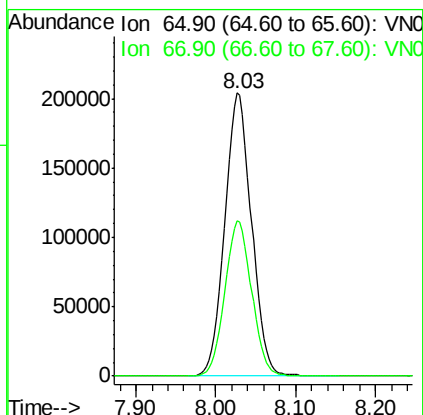
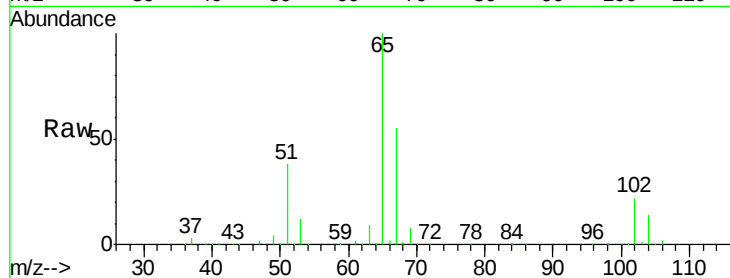




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

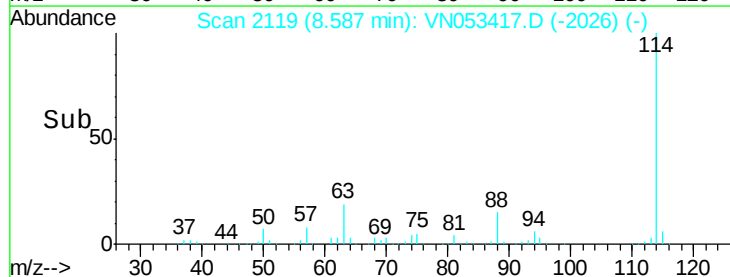
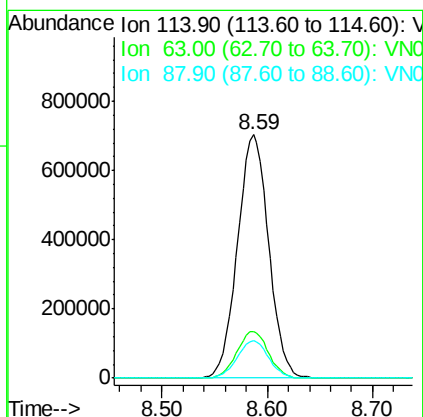
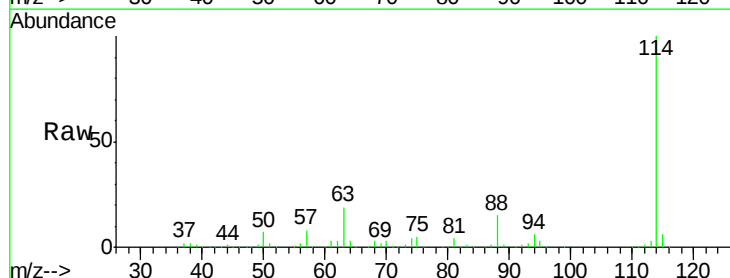
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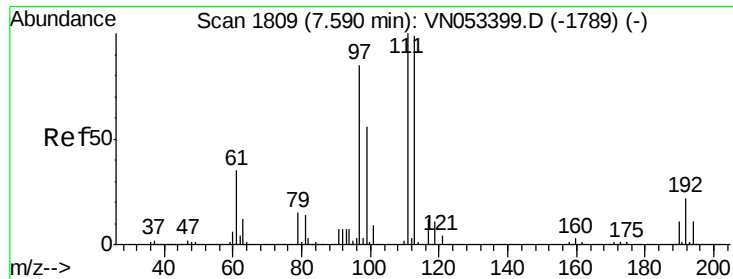
Tot Ion: 65 Resp: 466590
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

Tgt Ion: 114 Resp: 1444049
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.6
 88 15.4 0.0 30.4

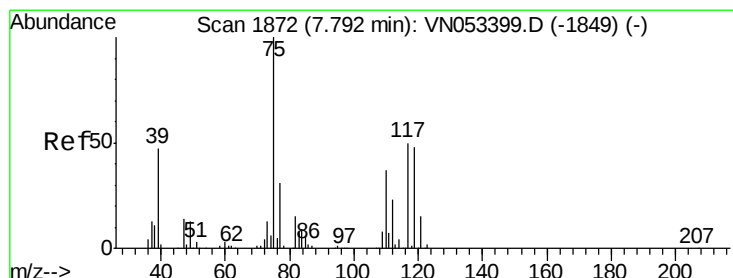
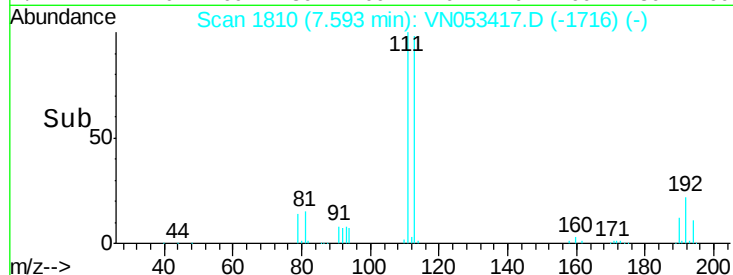
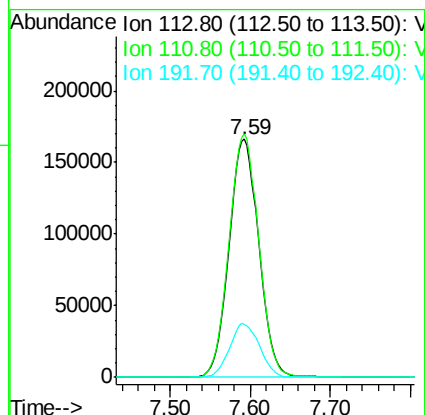
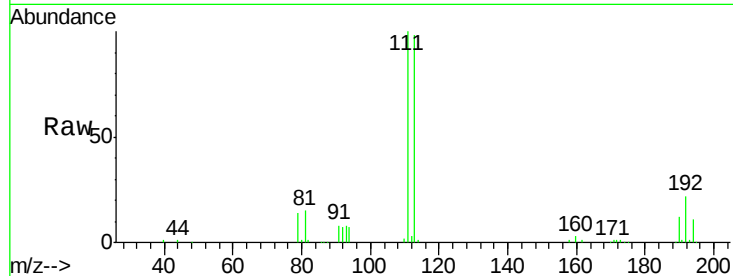




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

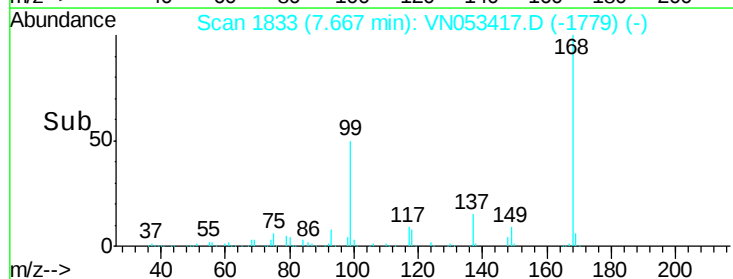
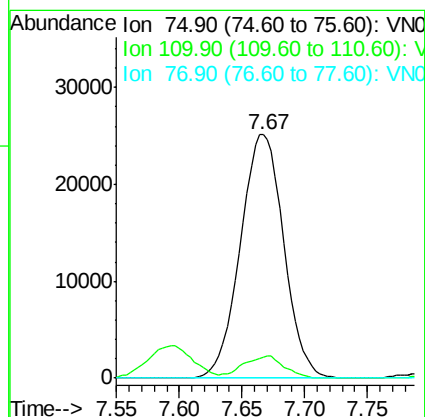
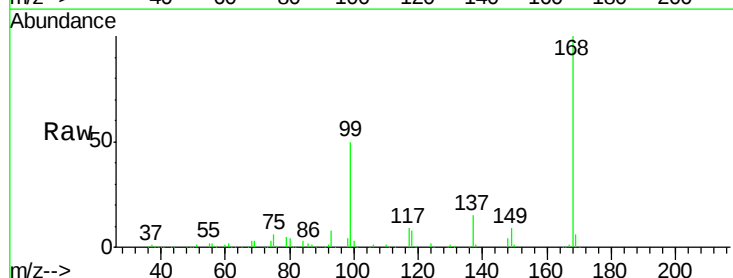
Instrument :
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 ClientSampleId :
 PB116405TB

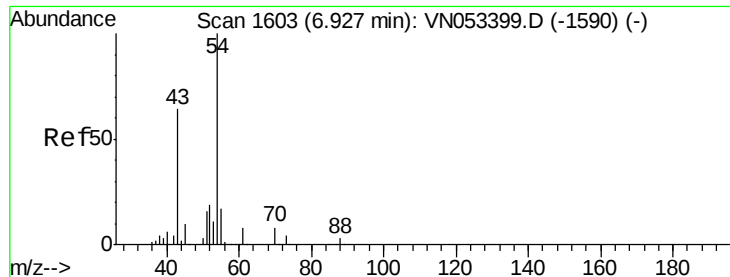
Tot Ion:113 Resp: 421160
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.1 121.7
 192 22.7 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 4.594 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

Tgt Ion: 75 Resp: 60421
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.3#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.905 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.08 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

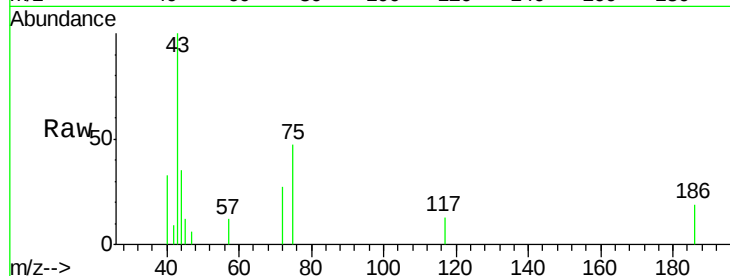
Tot Ion: 43 Resp: 6850

Ion Ratio Lower Upper

43 100

61 5.7 11.8 17.6#

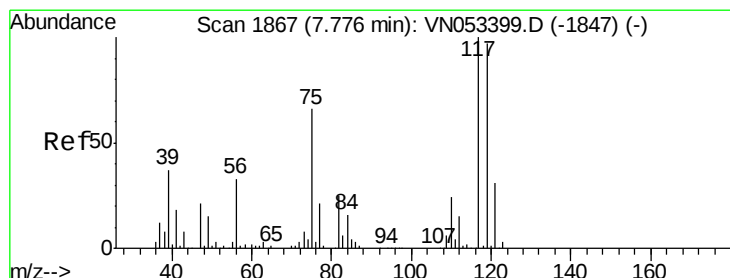
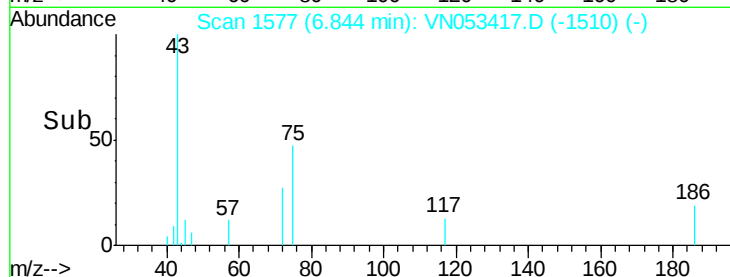
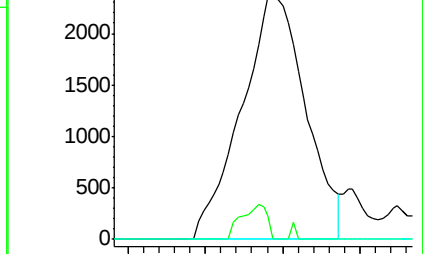
70 0.0 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-1590) (-)

Ion 60.90 (60.60 to 61.60): VN053399.D (-1590) (-)

Ion 70.00 (69.70 to 70.70): VN053399.D (-1590) (-)



#38

Carbon Tetrachloride

Concen: 6.415 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

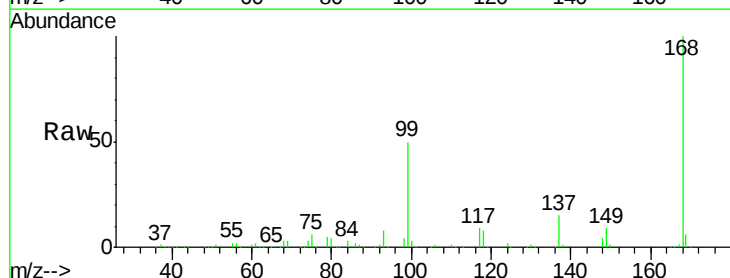
Tgt Ion: 117 Resp: 79865

Ion Ratio Lower Upper

117 100

119 5.3 77.2 115.8#

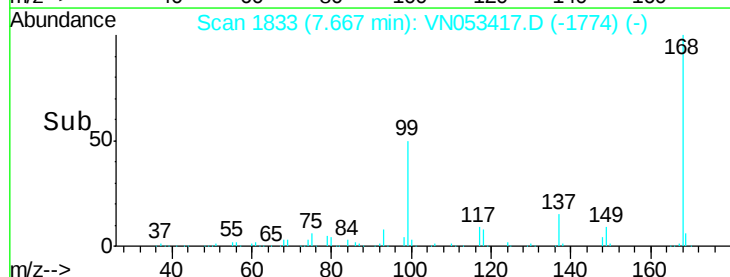
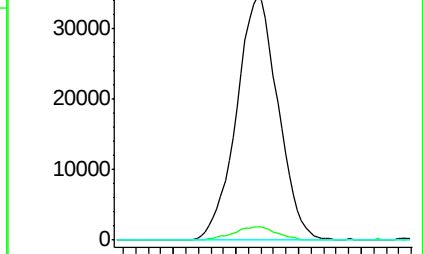
121 0.0 24.6 37.0#

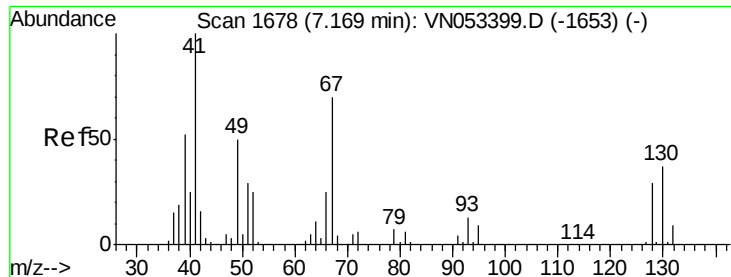


Abundance Ion 116.80 (116.50 to 117.50): VN053399.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN053399.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN053399.D (-1847) (-)

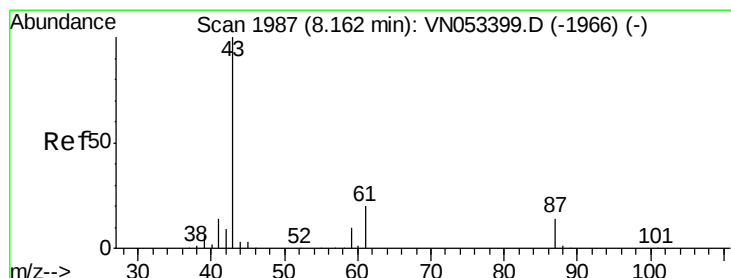
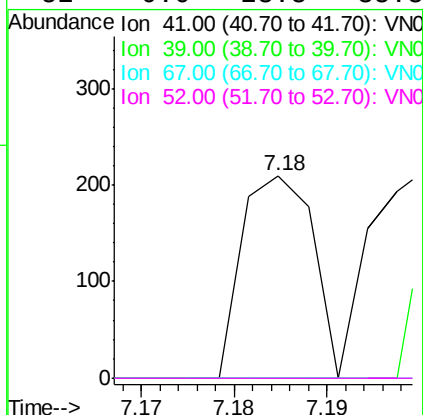
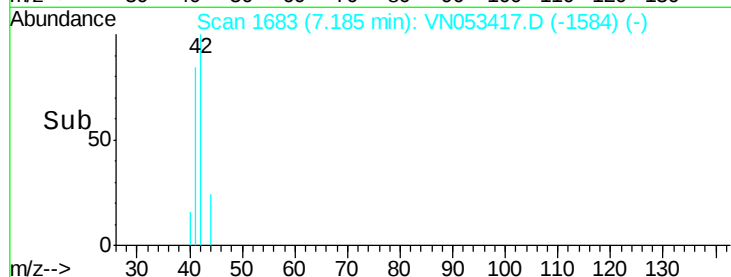
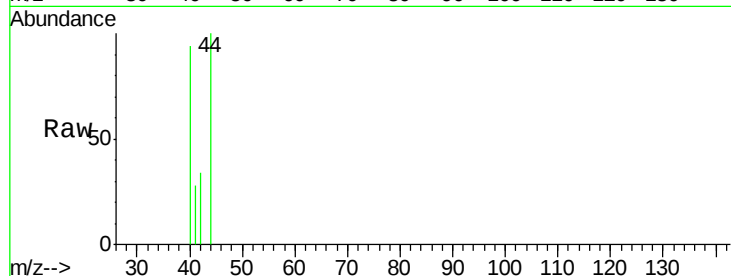




#41
Methacrylonitrile
Concen: 0.692 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.02 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

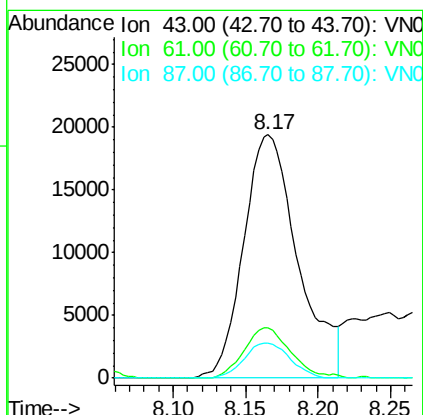
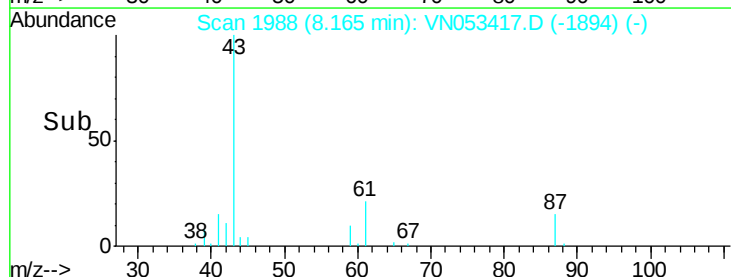
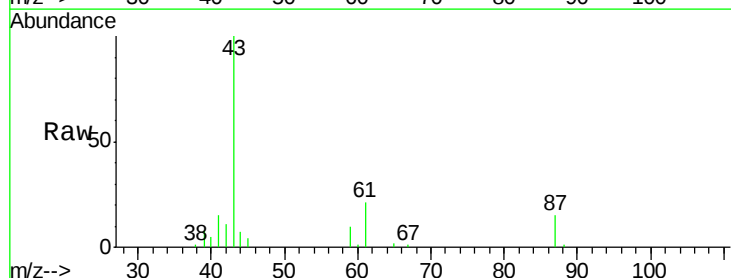
Instrument :
MSVOA_N
ClientSampled :
PB116405TB

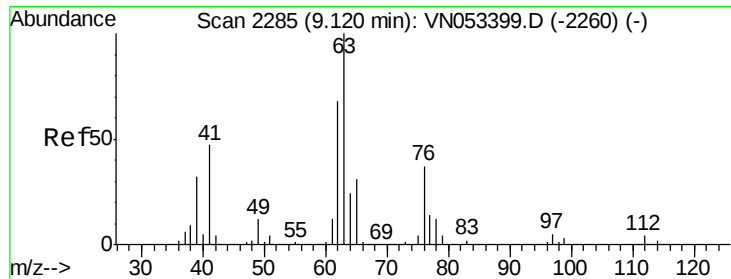
Tot Ion: 41 Resp: 111
Ion Ratio Lower Upper
41 100
39 131.5 46.8 70.2#
67 0.0 63.0 94.6#
52 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: 3.727 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion: 43 Resp: 50702
Ion Ratio Lower Upper
43 100
61 17.8 23.9 35.9#
87 12.1 11.0 16.6

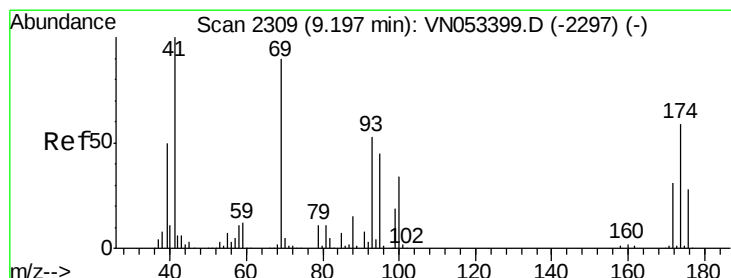
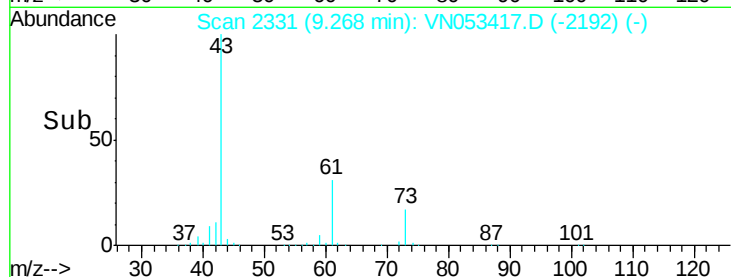
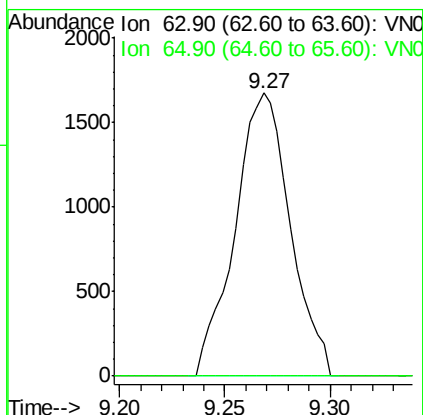
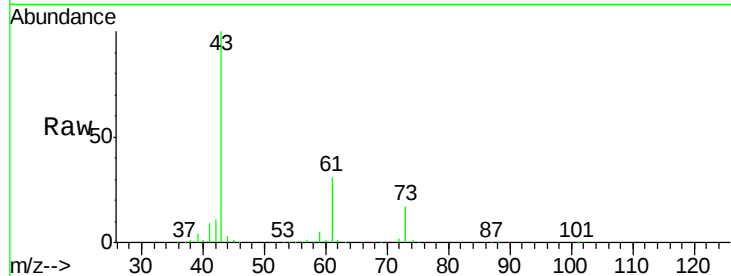




#45
 1,2-Dichloropropane
 Concen: 0.289 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

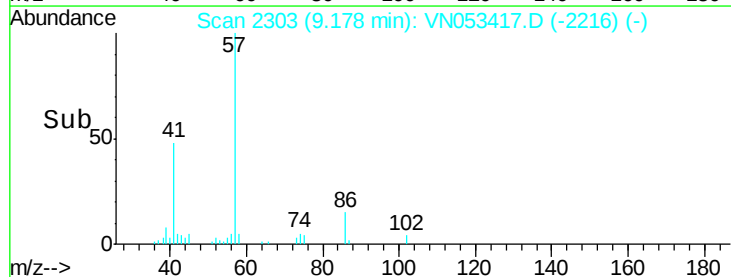
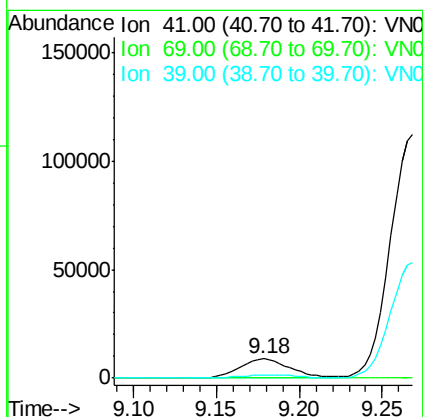
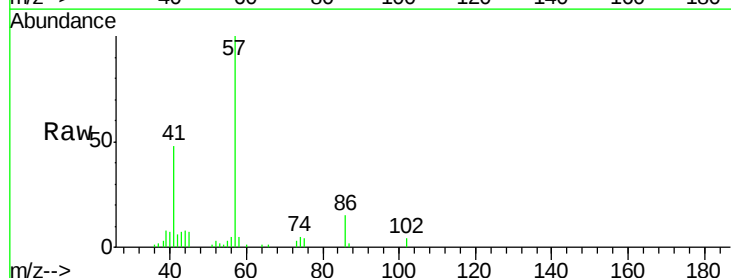
Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405TB

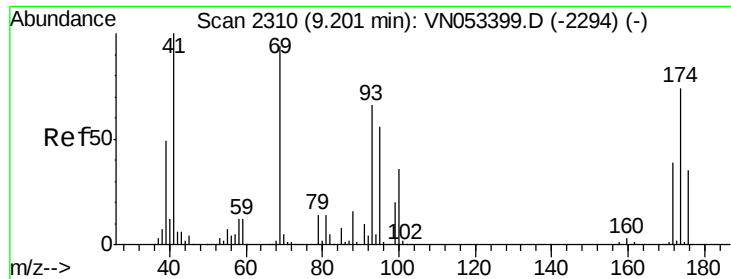
Tot Ion: 63 Resp: 3062
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 2.665 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

Tgt Ion: 41 Resp: 18724
 Ion Ratio Lower Upper
 41 100
 69 0.0 73.8 110.6#
 39 18.9 40.0 60.0#

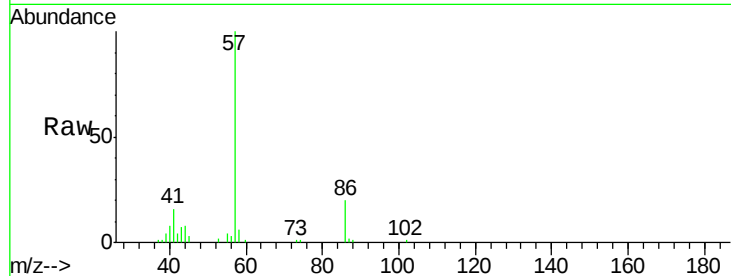




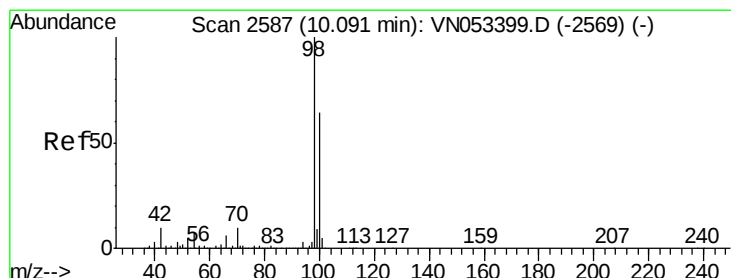
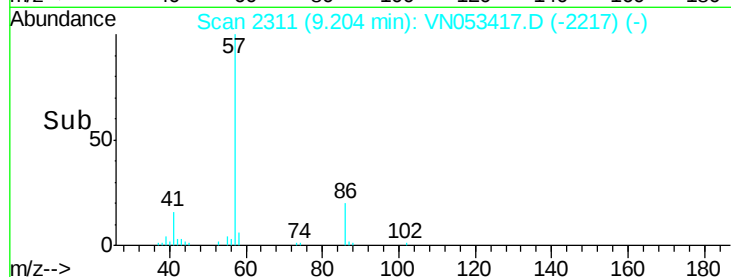
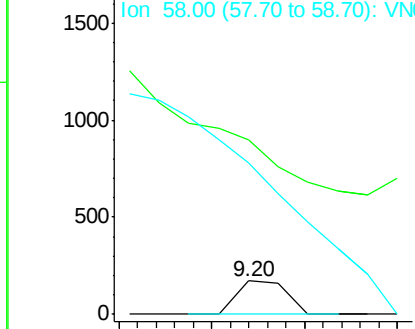
#49
1,4-Dioxane
Concen: 0.933 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Instrument :
MSVOA_N
ClientSampleId :
PB116405TB

Tot Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
43 0.0 27.8 41.6#
58 4360.9 56.5 84.7#

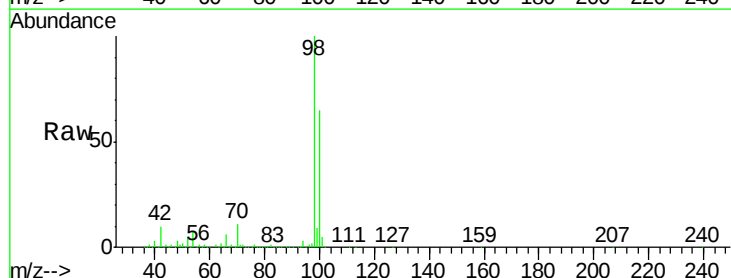


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

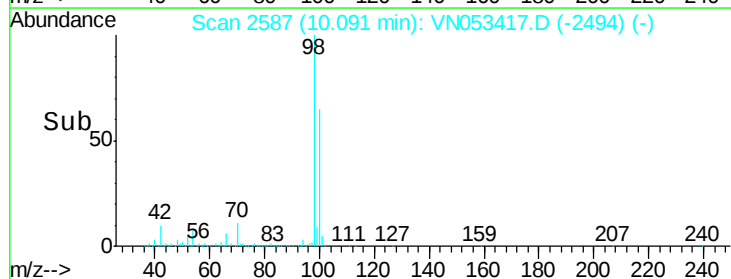
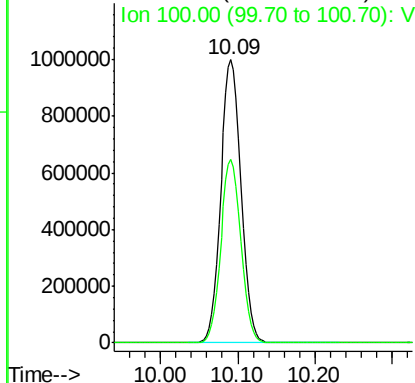


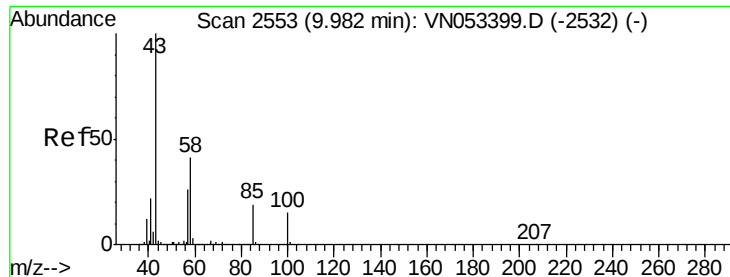
#50
Toluene-d8
Concen: 0.933 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion: 98 Resp: 1825247
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 2.796 ug/l

RT: 10.02 min Scan# 2566

Delta R.T. 0.04 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampled :

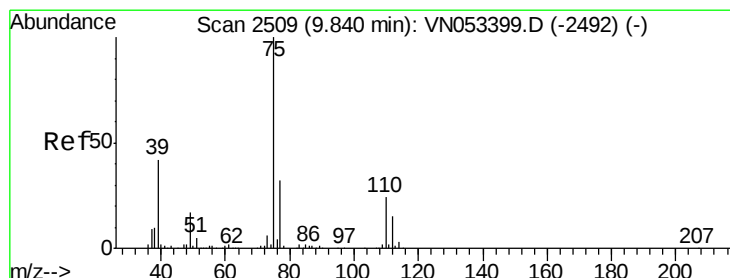
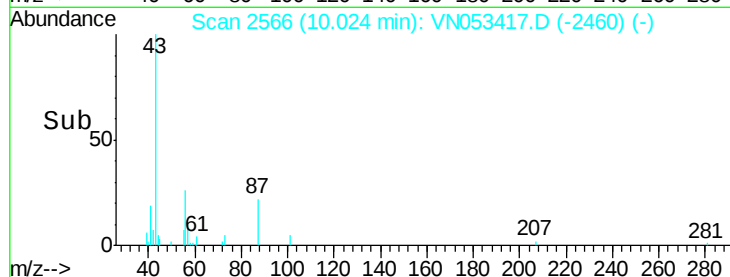
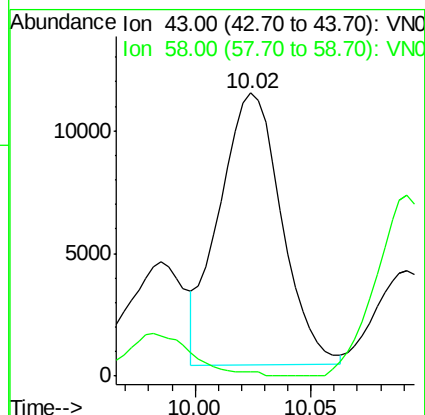
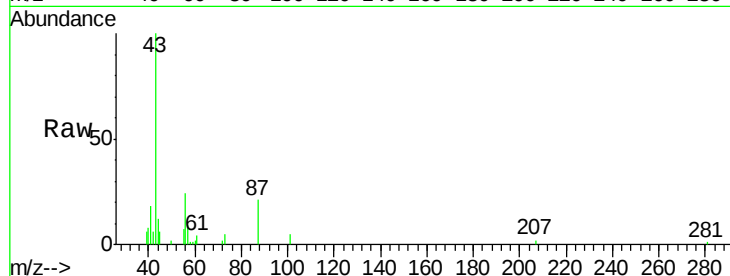
PB116405TB

Tot Ion: 43 Resp: 20762

Ion Ratio Lower Upper

43 100

58 0.0 32.8 49.2#



#54

cis-1,3-Dichloropropene

Concen: 9.169 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

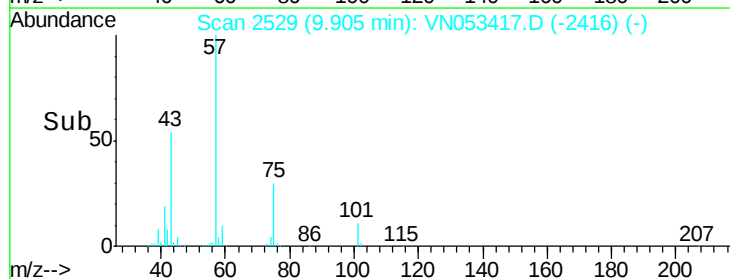
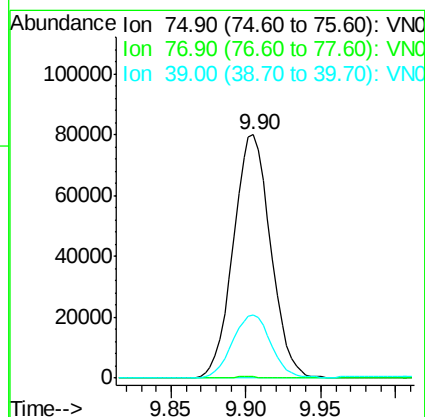
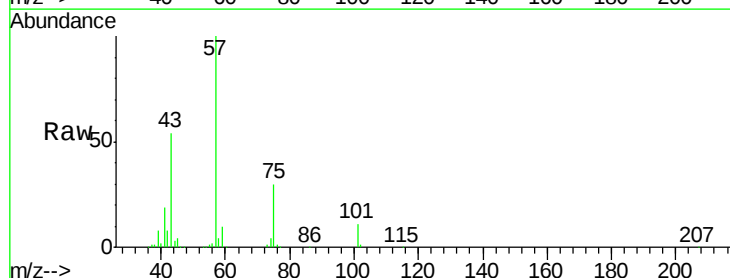
Tgt Ion: 75 Resp: 139330

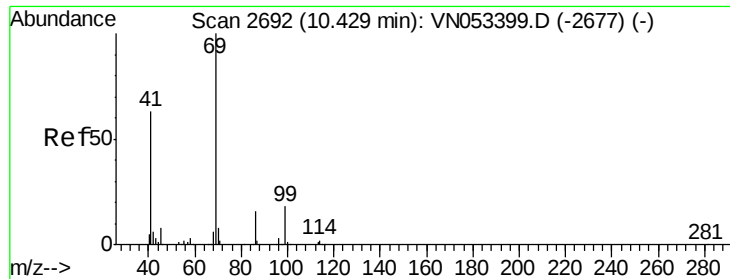
Ion Ratio Lower Upper

75 100

77 0.5 25.8 38.6#

39 26.0 33.4 50.0#





#56

Ethyl methacrylate

Concen: 2.217 ug/l

RT: 10.54 min Scan# 2728

Delta R.T. 0.12 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

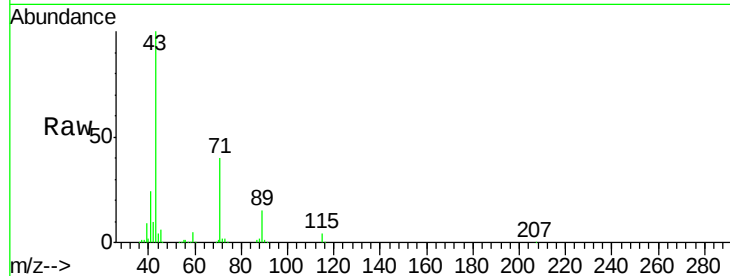
Tot Ion: 69 Resp: 2014

Ion Ratio Lower Upper

69 100

41 5019.9 49.4 74.0#

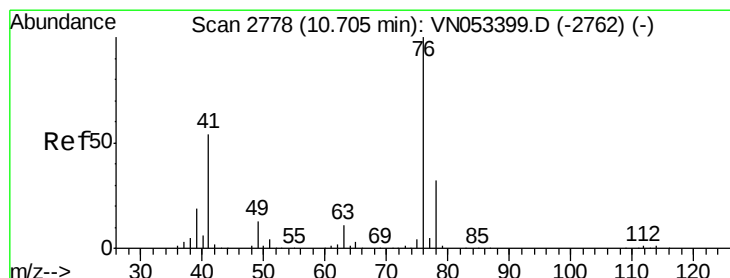
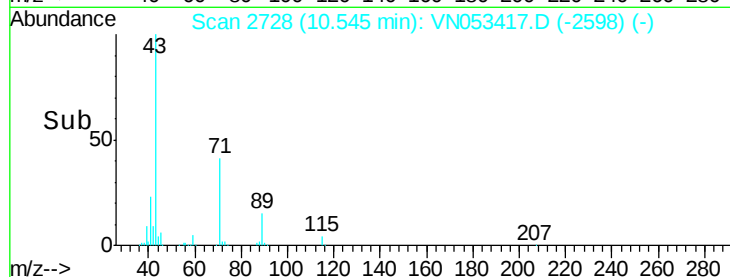
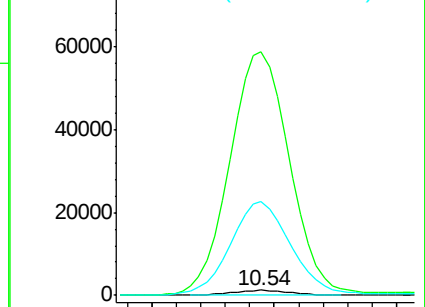
39 1959.8 23.3 34.9#



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: 1.643 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN053417.D

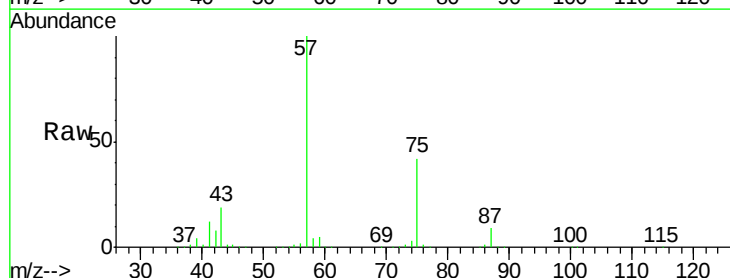
Acq: 16 Jan 2019 11:41

Tgt Ion: 76 Resp: 24315

Ion Ratio Lower Upper

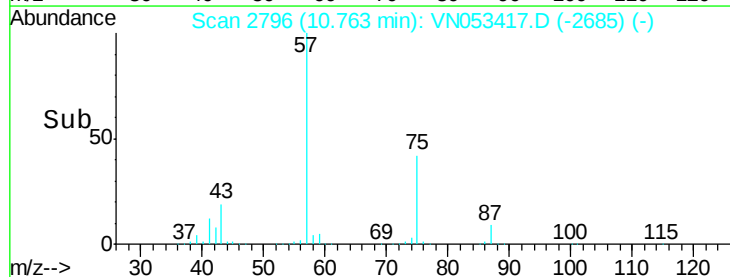
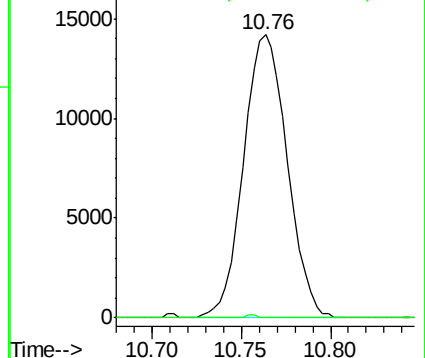
76 100

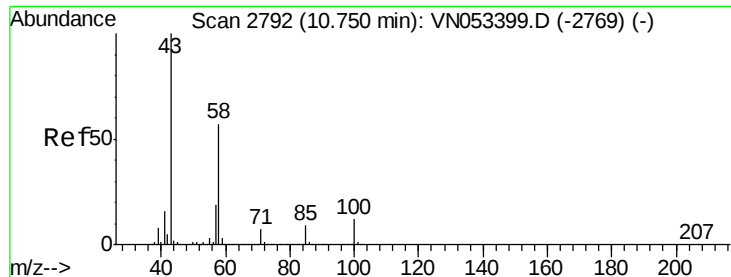
78 0.3 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

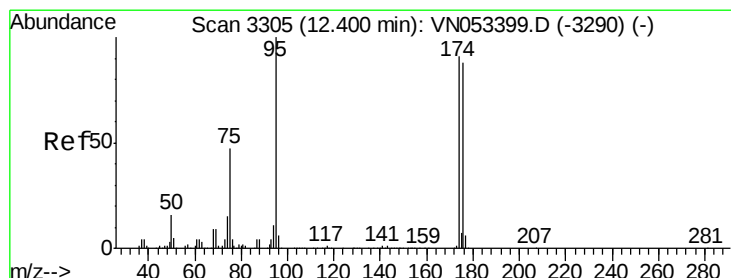
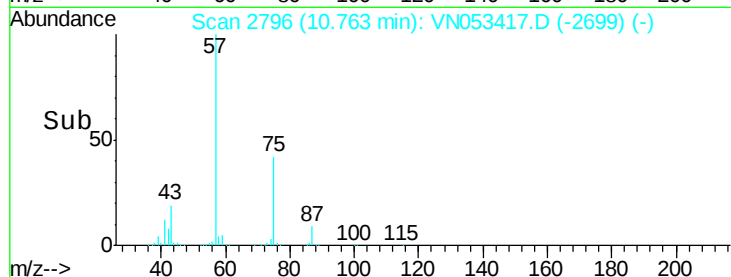
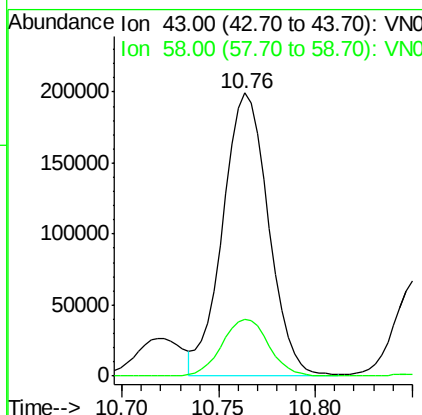
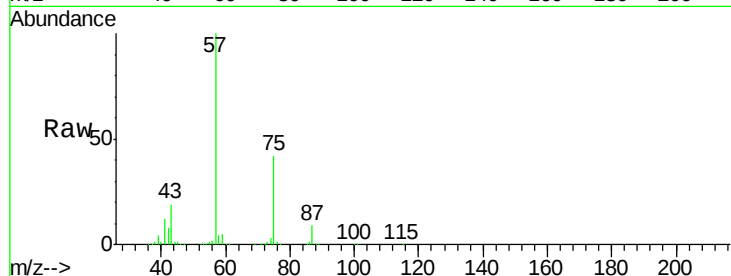




#59
2-Hexanone
Concen: 62.389 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

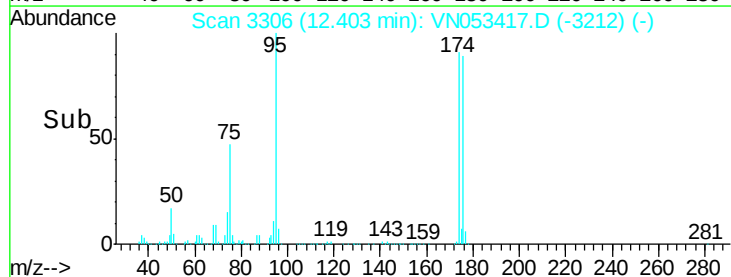
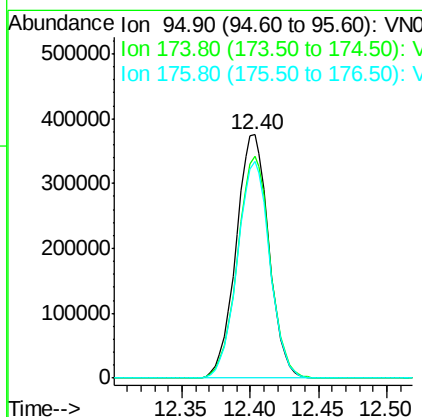
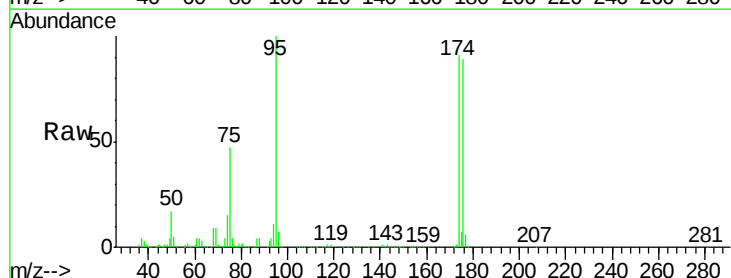
Instrument :
MSVOA_N
ClientSampleId :
PB116405TB

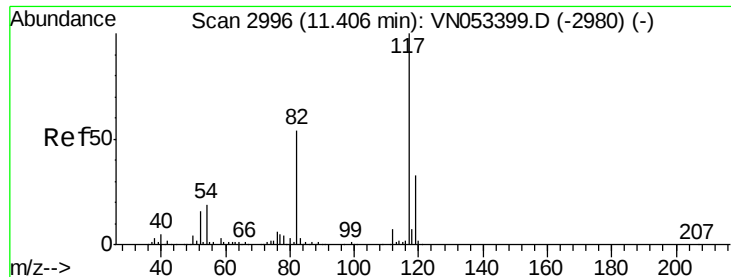
Tot Ion: 43 Resp: 325269
Ion Ratio Lower Upper
43 100
58 20.8 28.6 85.8#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion: 95 Resp: 625296
Ion Ratio Lower Upper
95 100
174 90.5 0.0 183.2
176 87.9 0.0 177.4

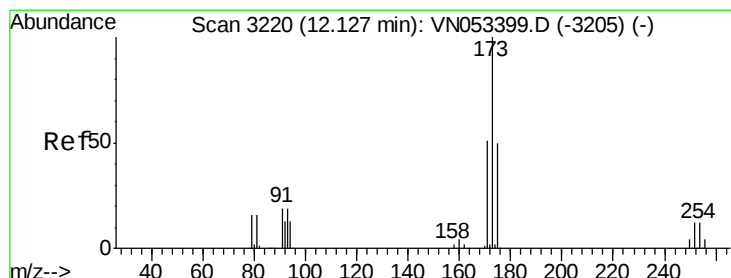
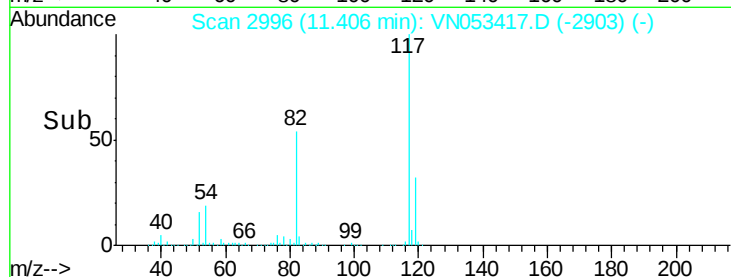
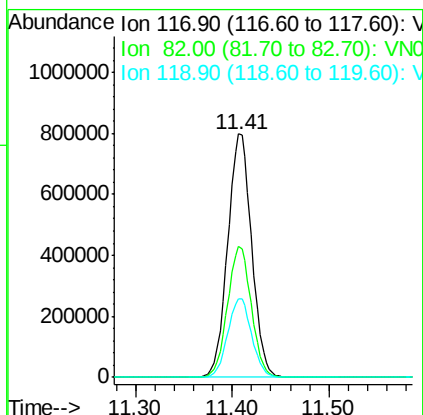
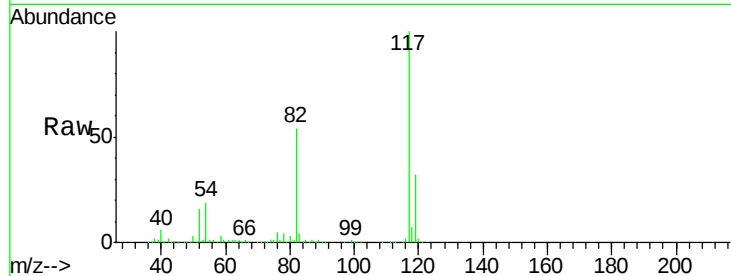




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

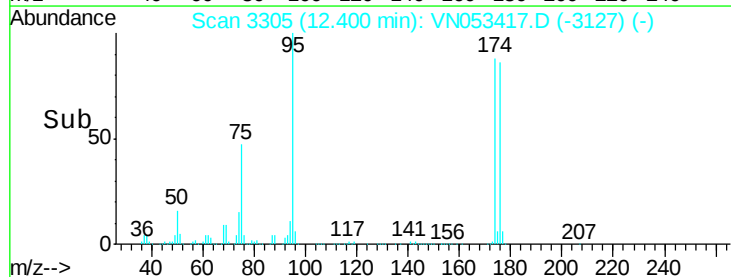
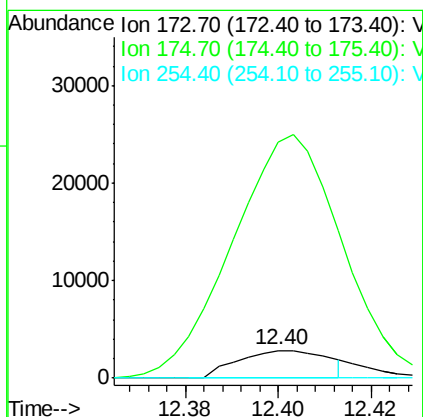
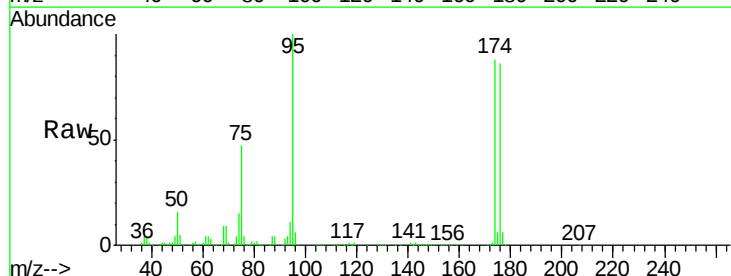
Instrument :
MSVOA_N
ClientSampled :
PB116405TB

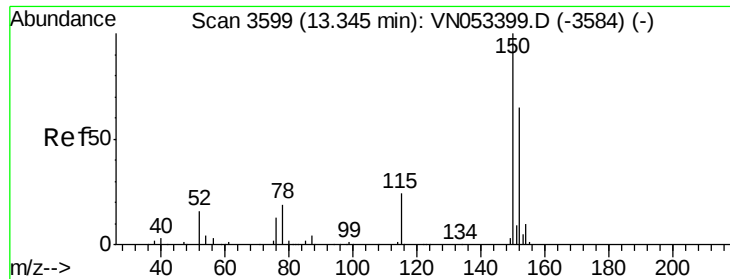
Tot Ion:117 Resp: 1367943
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.3 26.0 39.0



#71
Bromoform
Concen: 0.550 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053417.D
Acq: 16 Jan 2019 11:41

Tgt Ion:173 Resp: 3813
Ion Ratio Lower Upper
173 100
175 946.1 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

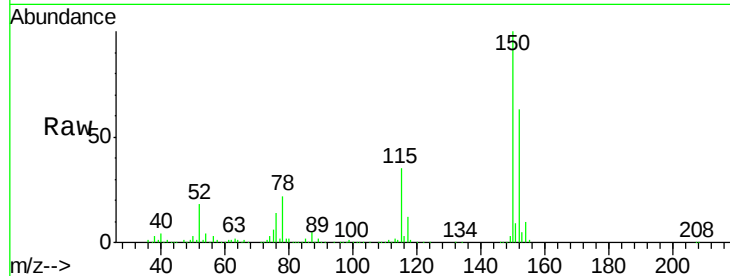
Tot Ion:152 Resp: 577258

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

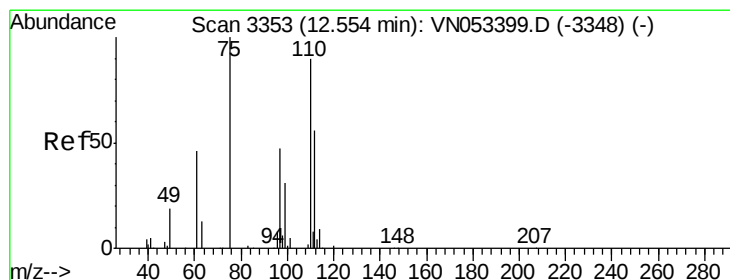
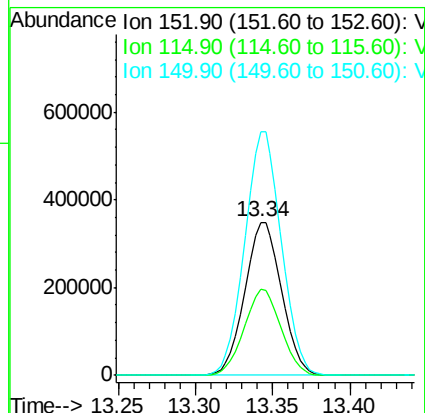
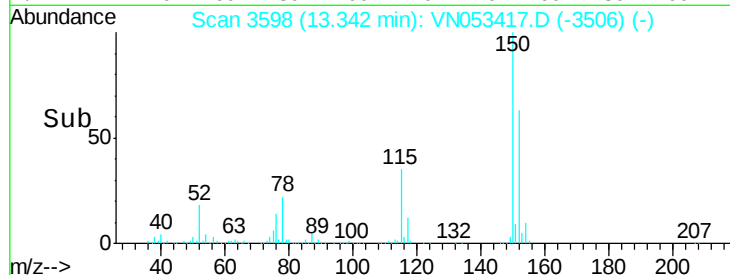
150 158.5 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 37.867 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN053417.D

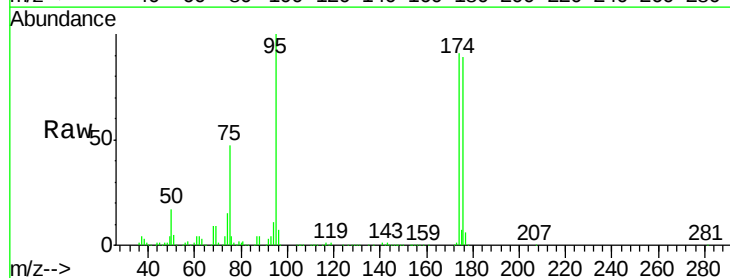
Acq: 16 Jan 2019 11:41

Tgt Ion: 75 Resp: 288061

Ion Ratio Lower Upper

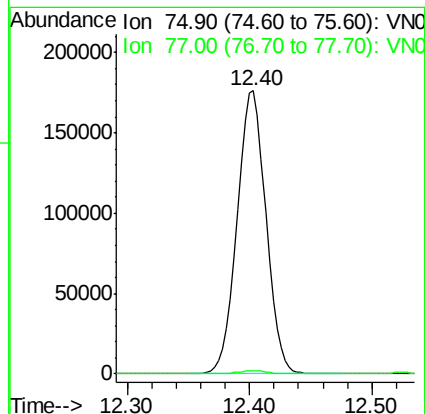
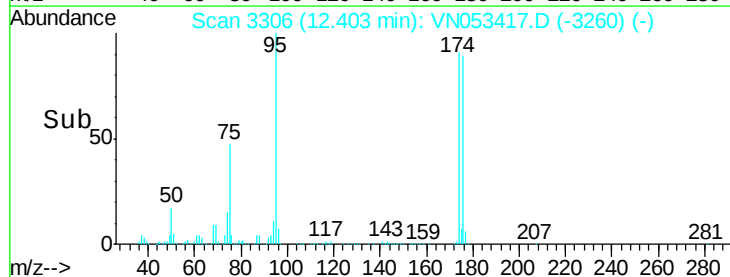
75 100

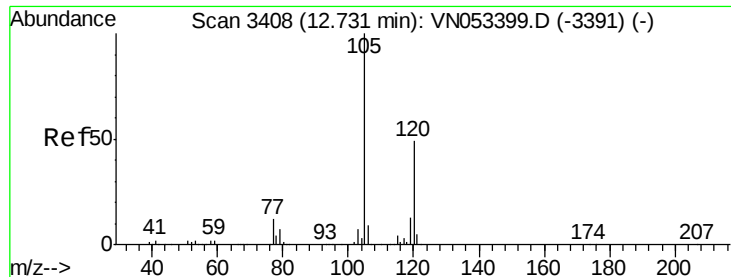
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

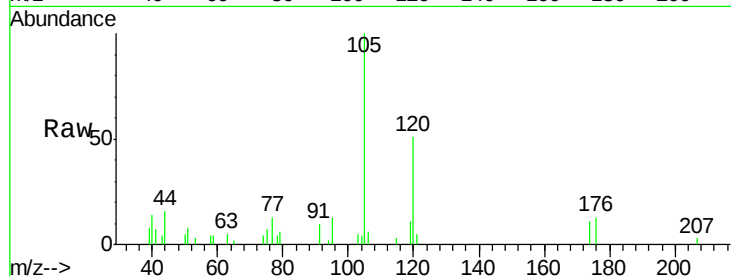
PB116405TB

Tot Ion:105 Resp: 9788

Ion Ratio Lower Upper

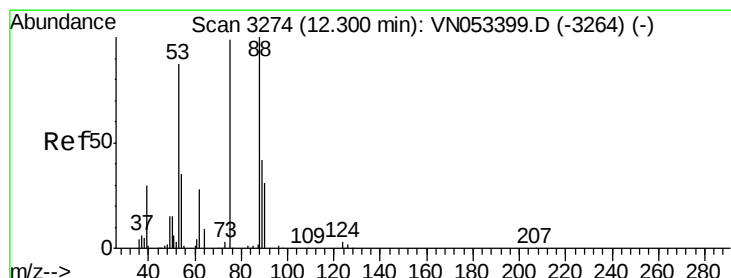
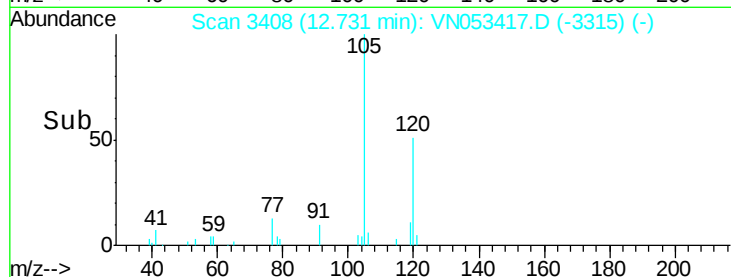
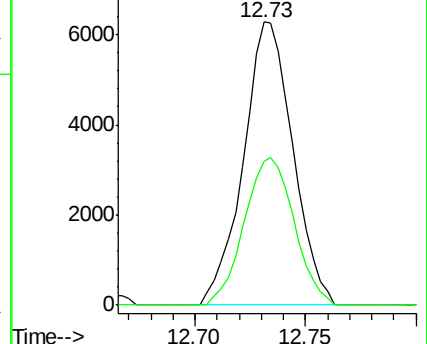
105 100

120 52.4 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 93.510 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

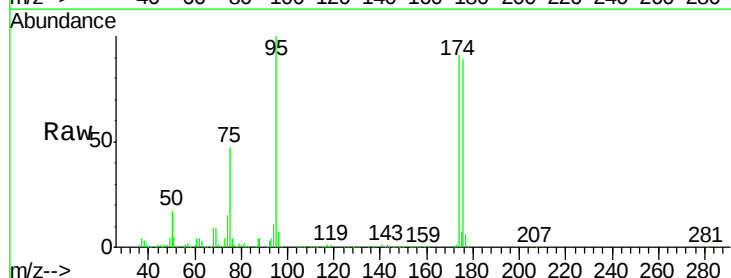
Tgt Ion: 75 Resp: 288061

Ion Ratio Lower Upper

75 100

53 0.0 69.8 104.6#

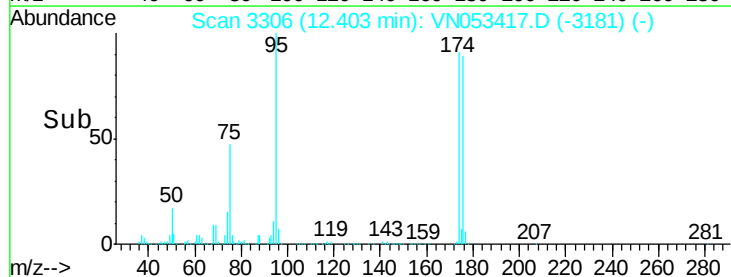
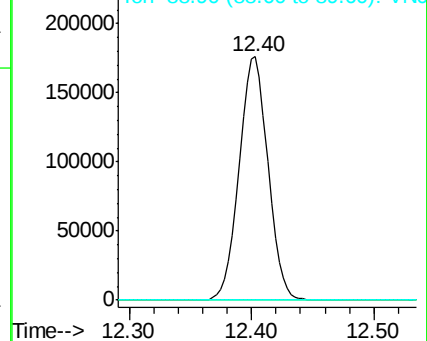
89 0.0 35.6 53.4#

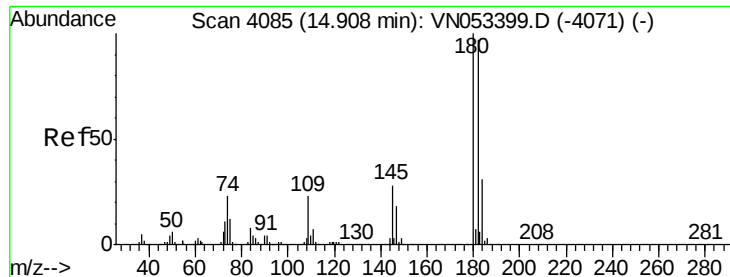


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

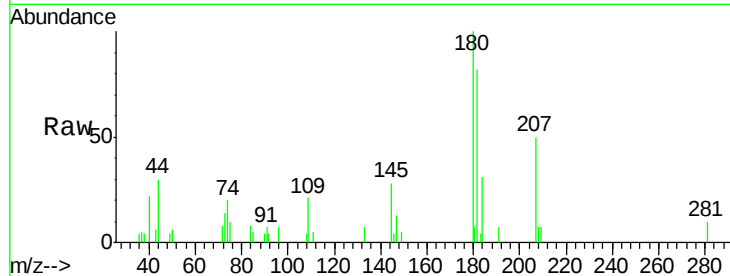




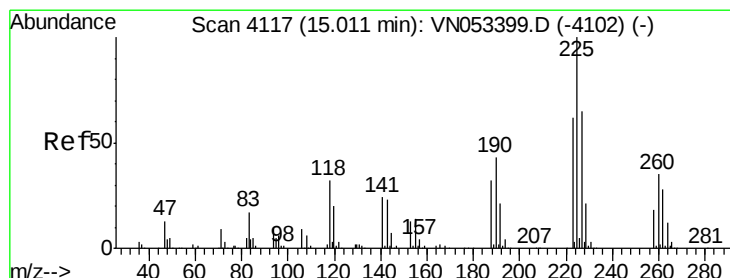
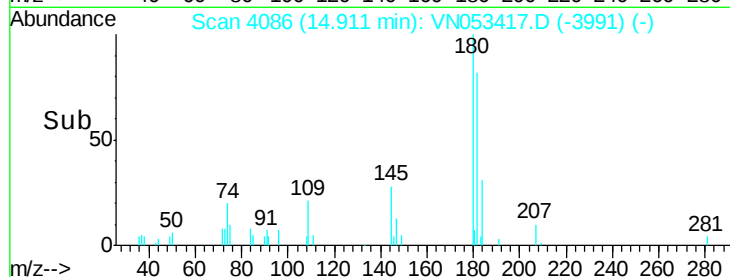
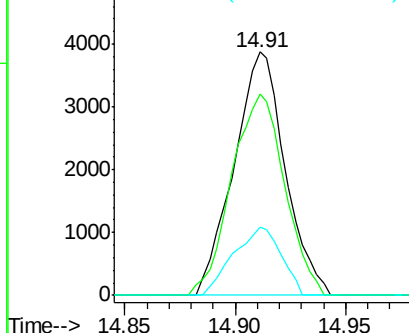
#93
 1,2,4-Trichlorobenzene
 Concen: 3.505 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116405TB

Tot Ion:180 Resp: 6216
 Ion Ratio Lower Upper
 180 100
 182 85.9 48.1 144.3
 145 26.0 13.9 41.6

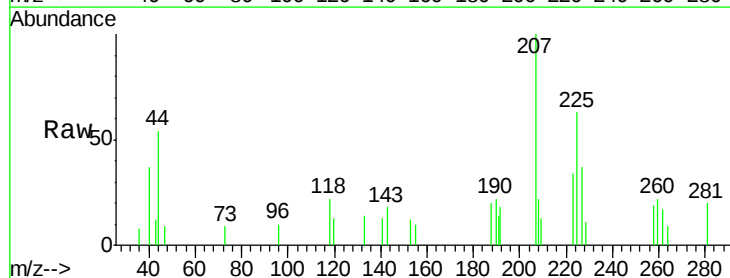


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

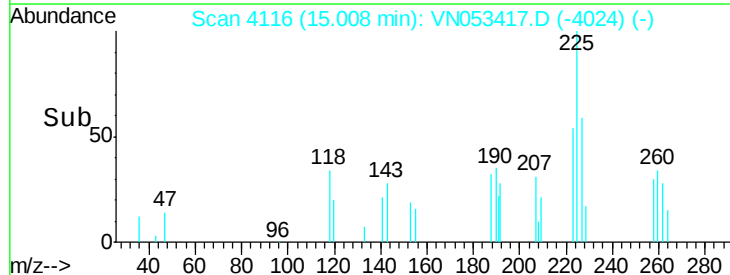
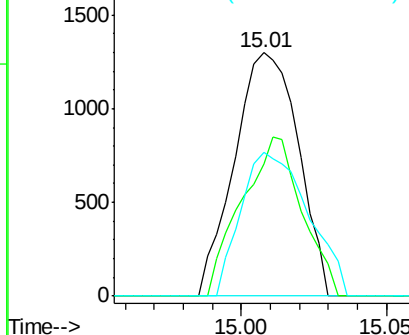


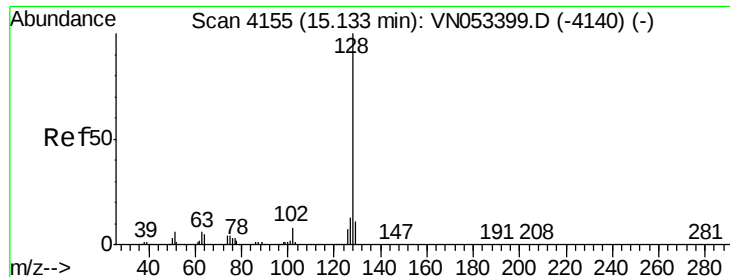
#94
 Hexachlorobutadiene
 Concen: 0.353 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053417.D
 Acq: 16 Jan 2019 11:41

Tgt Ion:225 Resp: 1985
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 62.3 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.811 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

Instrument :

MSVOA_N

ClientSampleId :

PB116405TB

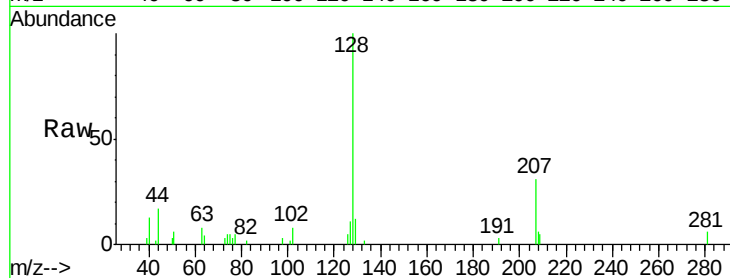
Tot Ion:128 Resp: 13207

Ion Ratio Lower Upper

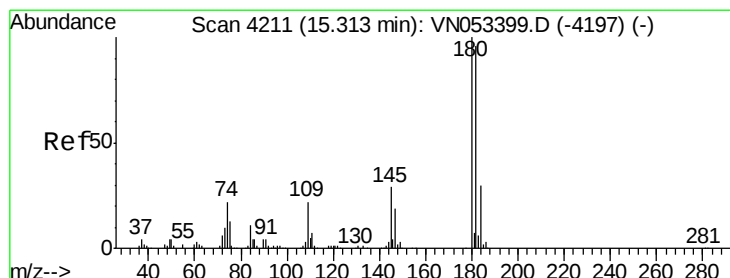
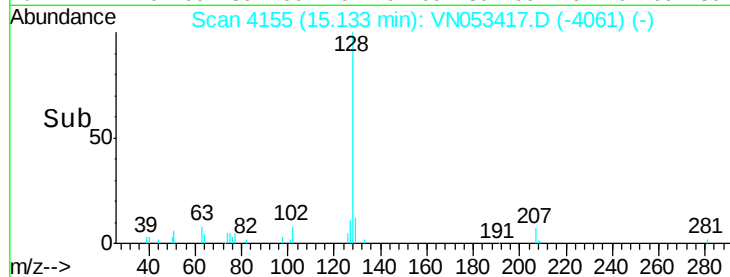
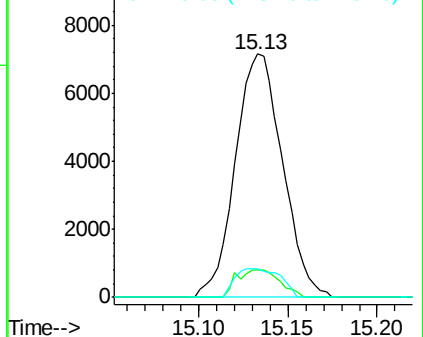
128 100

127 10.4 10.3 15.5

129 11.3 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



#96

1,2,3-Trichlorobenzene

Concen: 4.919 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053417.D

Acq: 16 Jan 2019 11:41

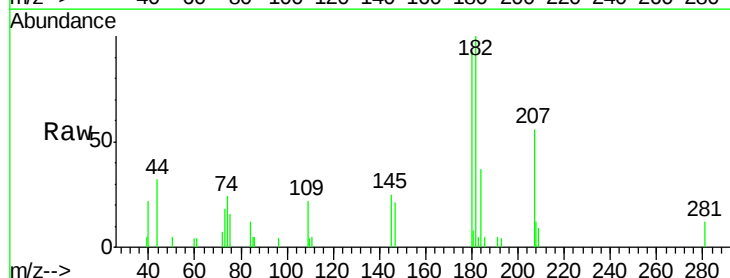
Tgt Ion:180 Resp: 6410

Ion Ratio Lower Upper

180 100

182 102.4 47.9 143.8

145 29.4 14.7 44.1



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

