

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071219\
 Data File : VN056669.D
 Acq On : 11 Jul 2019 16:55
 Operator : JC/SP
 Sample : PB12183TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121283TB

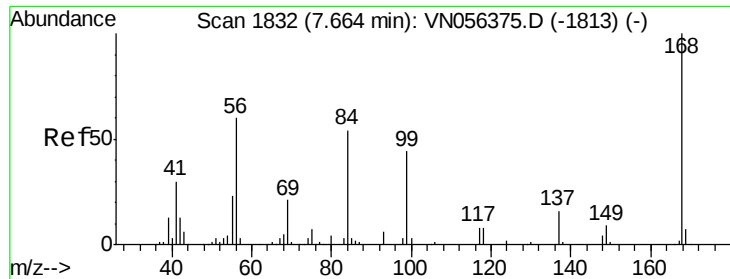
Quant Time: Jul 12 04:49:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	273642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	480376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	505113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191077	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	161695	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
35) Dibromofluoromethane	7.59	113	145308	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	
50) Toluene-d8	10.09	98	610593	52.36	ug/l	0.00
Spiked Amount			Recovery	=	104.72%	
62) 4-Bromofluorobenzene	12.40	95	220245	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.95	142	850	0.250	ug/l #	44
11) Tert butyl alcohol	4.80	59	123	0.241	ug/l #	74
16) Acetone	3.82	43	19688	12.957	ug/l	99
18) Methyl Acetate	4.33	43	3729	0.392	ug/l #	67
20) Methylene Chloride	4.55	84	5635	1.097	ug/l	92
25) 2-Butanone	6.86	43	4337	2.157	ug/l	92
29) Tetrahydrofuran	7.22	42	1392	1.133	ug/l #	72
31) Cyclohexane	7.67	56	4371	0.933	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	18076	4.275	ug/l #	48
37) Ethyl Acetate	6.86	43	4337	1.044	ug/l #	69
38) Carbon Tetrachloride	7.66	117	23733	6.419	ug/l #	15
41) Methacrylonitrile	7.23	41	1054	0.574	ug/l #	22
43) Isopropyl Acetate	8.17	43	20332	3.173	ug/l #	90
45) 1,2-Dichloropropane	9.27	63	1944	0.559	ug/l #	43
48) Methyl methacrylate	9.18	41	9326	2.905	ug/l #	12
49) 1,4-Dioxane	9.20	88	29	0.435	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	5692	1.376	ug/l #	85
54) cis-1,3-Dichloropropene	9.90	75	51285	11.034	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	11978	2.231	ug/l #	42
59) 2-Hexanone	10.76	43	165842	54.564	ug/l #	51
71) Bromoform	12.40	173	1912	3.790	ug/l #	1
73) Isopropylbenzene	12.25	105	312	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	103891	26.222	ug/l #	100
79) 2-Chlorotoluene	12.67	91	677	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	9652	Below Cal		93
81) trans-1,4-Dichloro-2-buten	12.40	75	103891	93.196	ug/l #	8
83) tert-Butylbenzene	12.99	119	137	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1438	5.996	ug/l	86
94) Hexachlorobutadiene	15.00	225	133	Below Cal	#	67
95) Naphthalene	15.13	128	5742	5.833	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.31	180	2101	5.033	ug/l	87

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056669.D

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ClientSampleId :

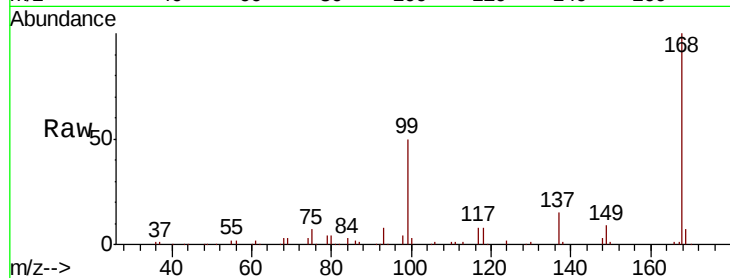
PB121283TB

Tot Ion:168 Resp: 273642

Ion Ratio Lower Upper

168 100

99 49.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

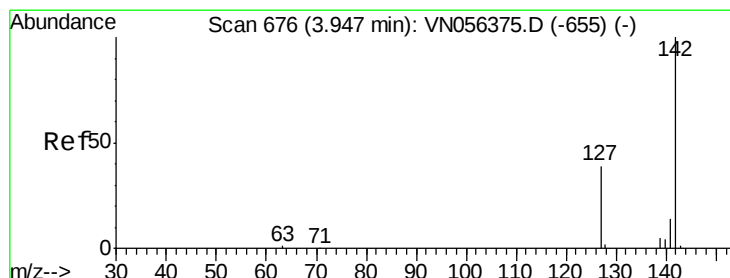
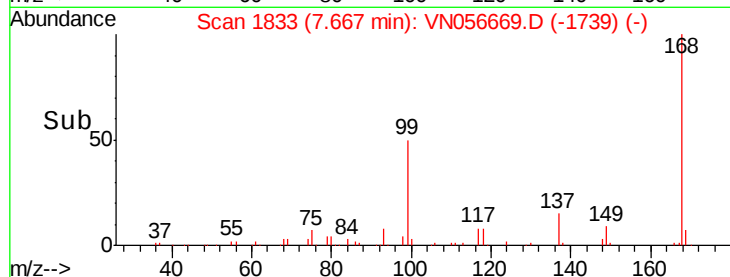
7.67

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 0.250 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

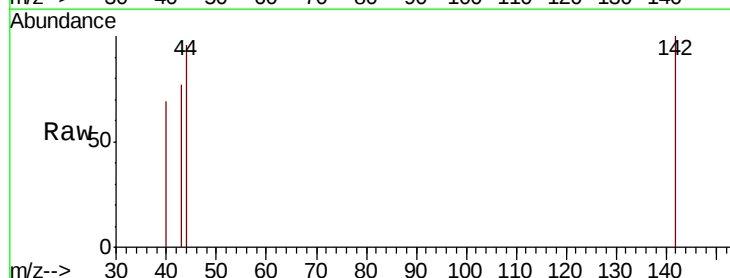
Tgt Ion:142 Resp: 850

Ion Ratio Lower Upper

142 100

127 0.0 30.6 46.0#

141 0.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

600

500

400

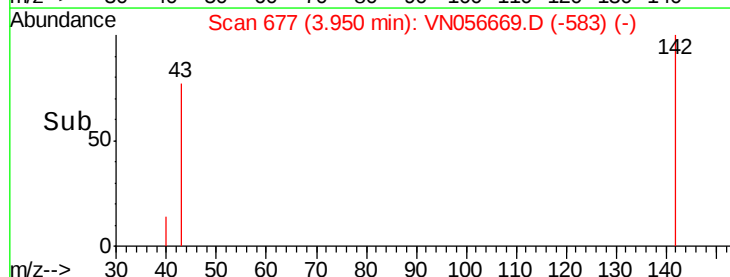
300

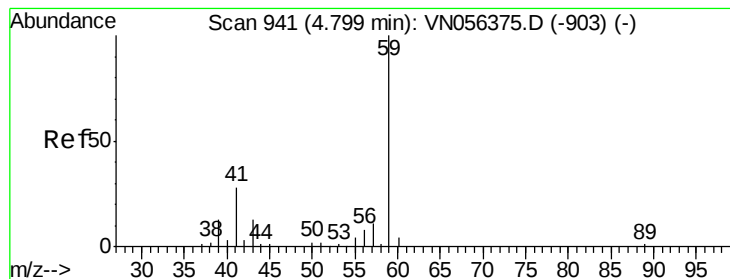
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 0.241 ug/l

RT: 4.80 min Scan# 941

Delta R.T. -0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

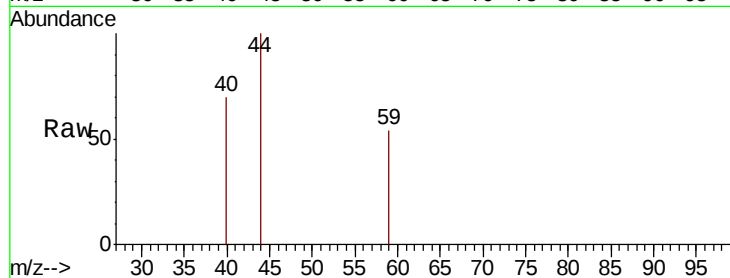
PB121283TB

Tot Ion: 59 Resp: 123

Ion Ratio Lower Upper

59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.80

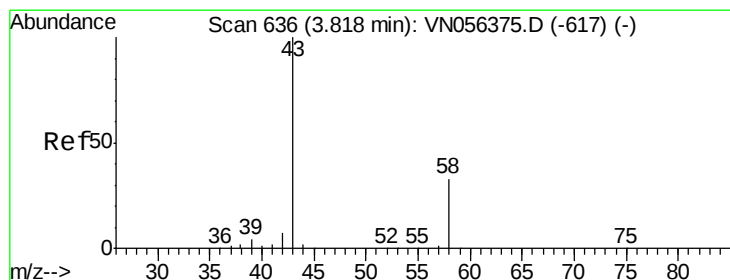
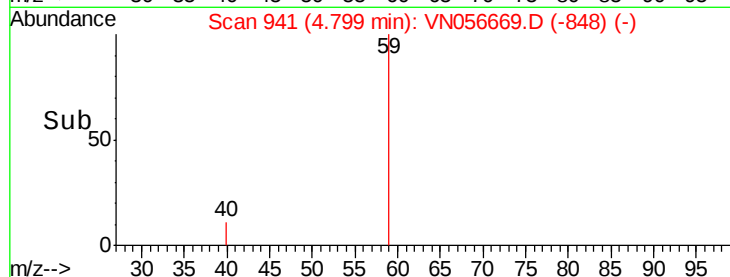
150

100

50

0

Time-->



#16

Acetone

Concen: 12.957 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056669.D

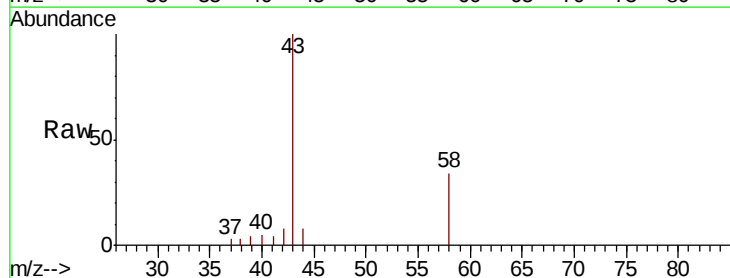
Acq: 11 Jul 2019 16:55

Tgt Ion: 43 Resp: 19688

Ion Ratio Lower Upper

43 100

58 33.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

8000

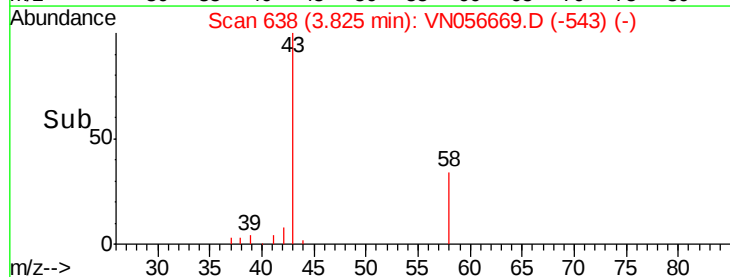
6000

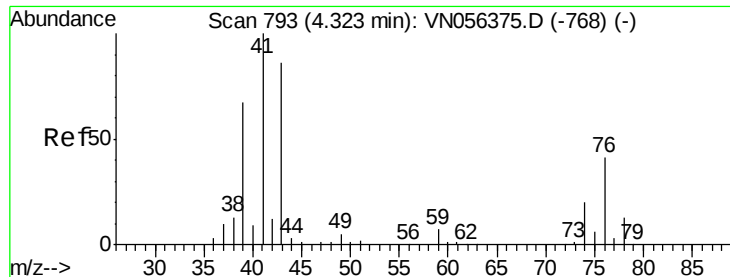
4000

2000

0

Time-->

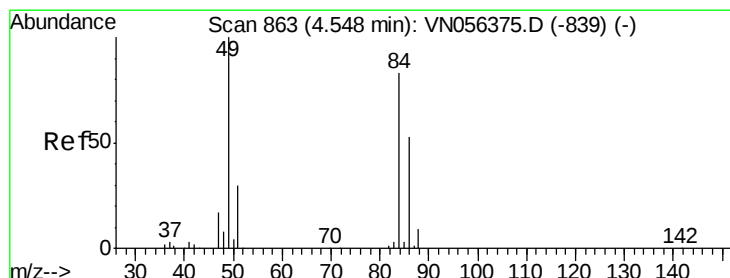
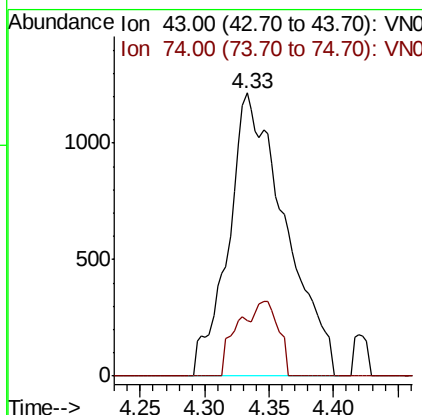
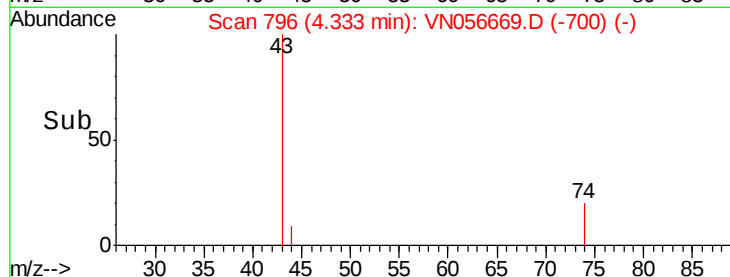
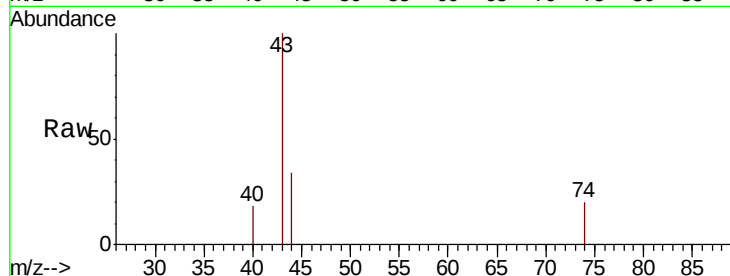




#18
Methyl Acetate
Concen: 0.392 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

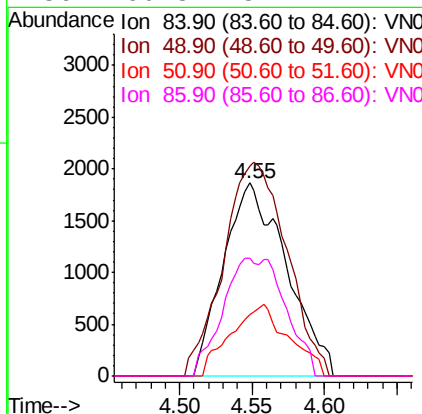
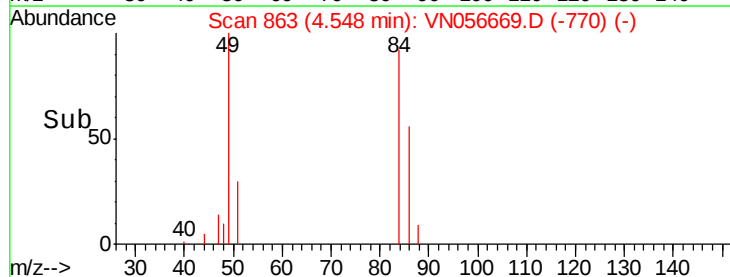
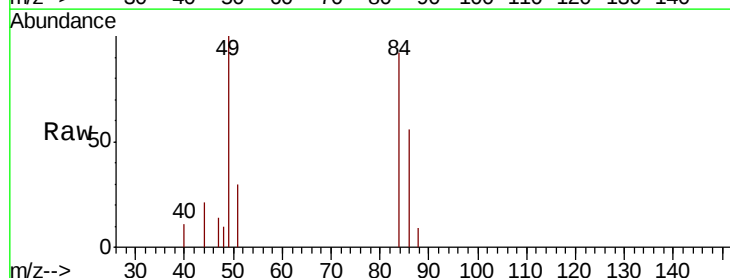
Instrument :
MSVOA_N
ClientSampled :
PB121283TB

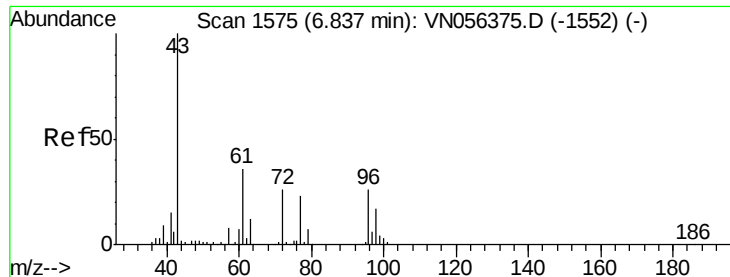
Tot Ion: 43 Resp: 3729
Ion Ratio Lower Upper
43 100
74 7.7 19.2 28.8#



#20
Methylene Chloride
Concen: 1.097 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Tgt Ion: 84 Resp: 5635
Ion Ratio Lower Upper
84 100
49 108.7 96.4 144.6
51 32.1 28.6 43.0
86 60.8 51.4 77.2

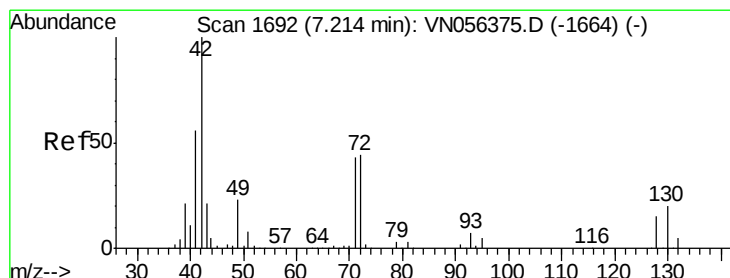
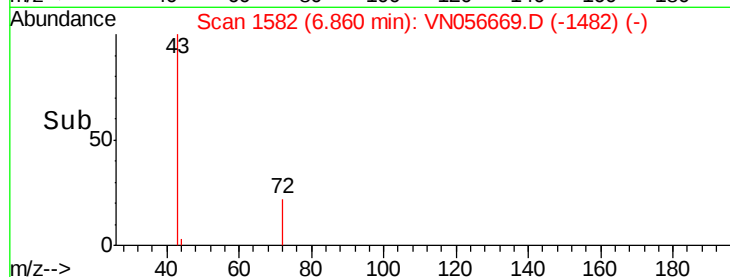
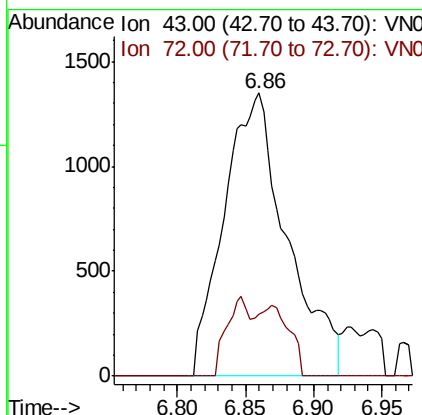
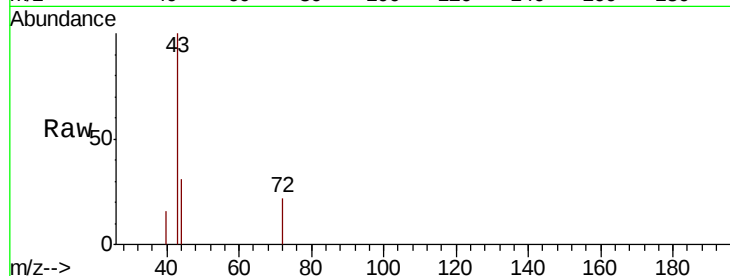




#25
2-Butanone
Concen: 2.157 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

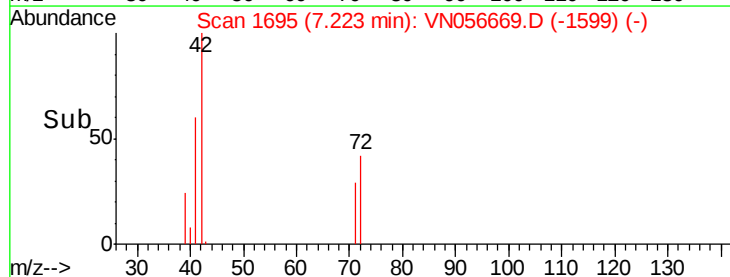
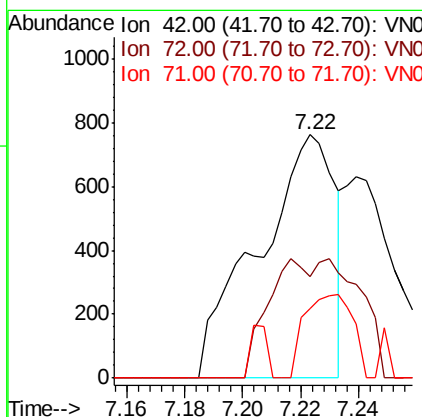
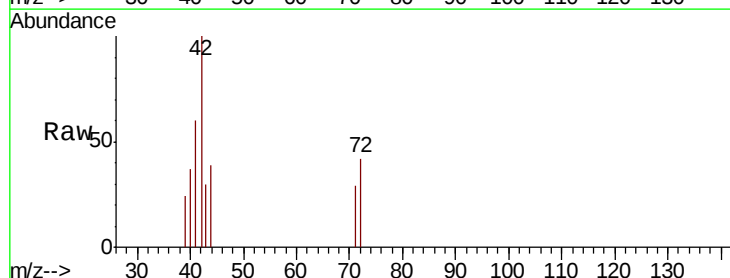
Instrument :
MSVOA_N
ClientSampleId :
PB121283TB

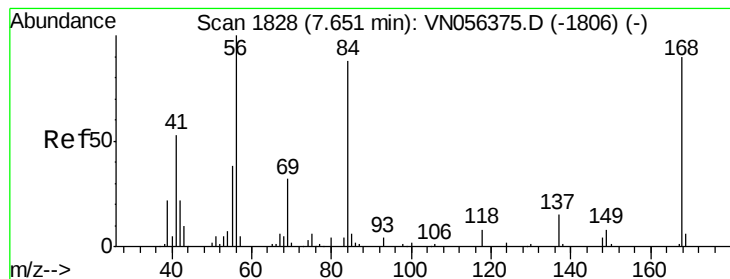
Tot Ion: 43 Resp: 4337
Ion Ratio Lower Upper
43 100
72 21.9 20.6 31.0



#29
Tetrahydrofuran
Concen: 1.133 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Tgt Ion: 42 Resp: 1392
Ion Ratio Lower Upper
42 100
72 27.6 34.7 52.1#
71 21.6 33.0 49.6#





#31

Cyclohexane

Concen: 0.933 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.02 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

PB121283TB

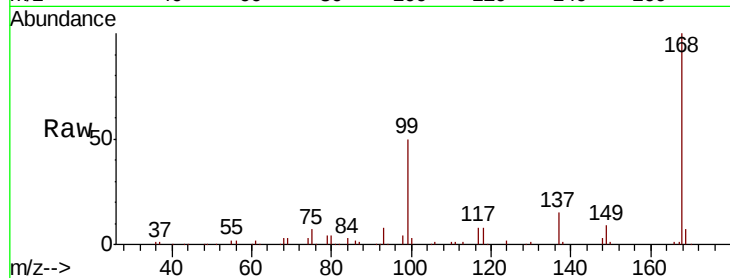
Tot Ion: 56 Resp: 4371

Ion Ratio Lower Upper

56 100

69 180.7 25.8 38.6#

84 177.4 69.4 104.0#

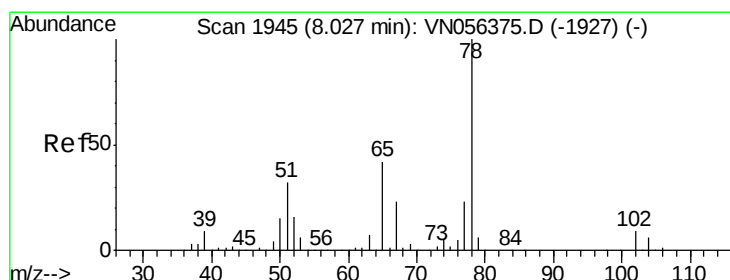
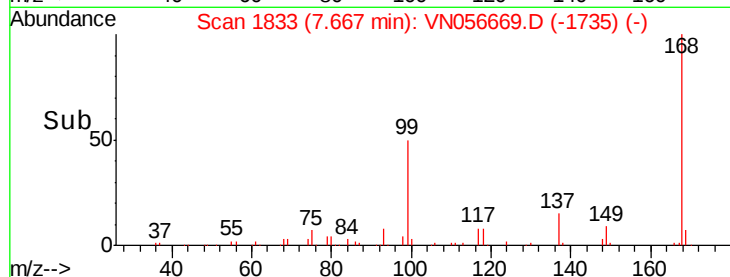
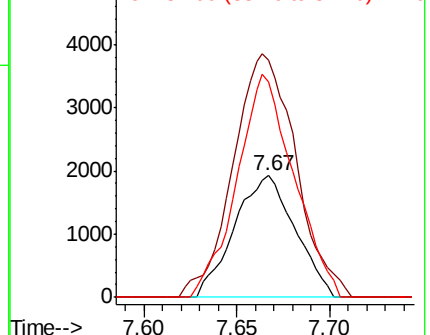


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.315 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056669.D

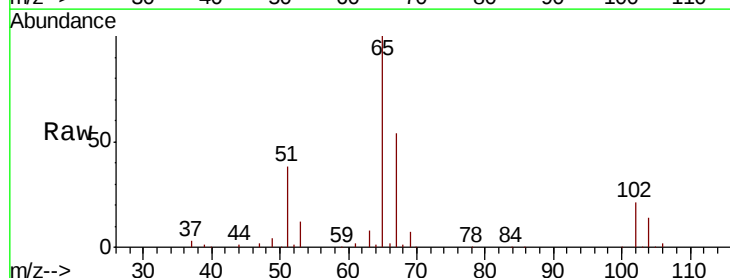
Acq: 11 Jul 2019 16:55

Tgt Ion: 65 Resp: 161695

Ion Ratio Lower Upper

65 100

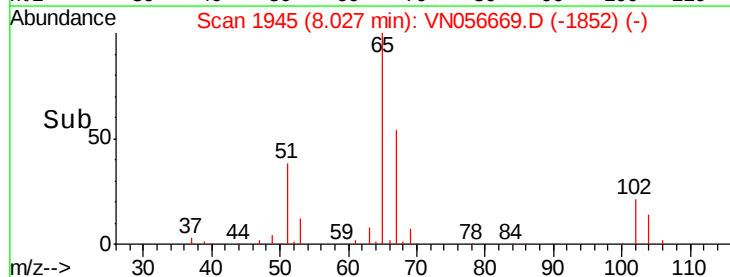
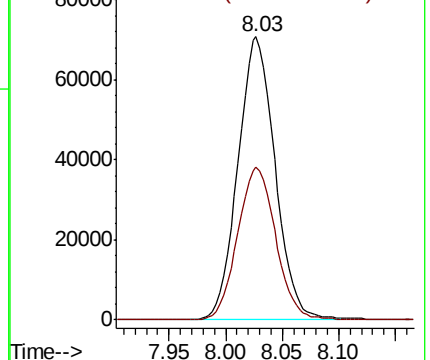
67 55.5 0.0 109.0

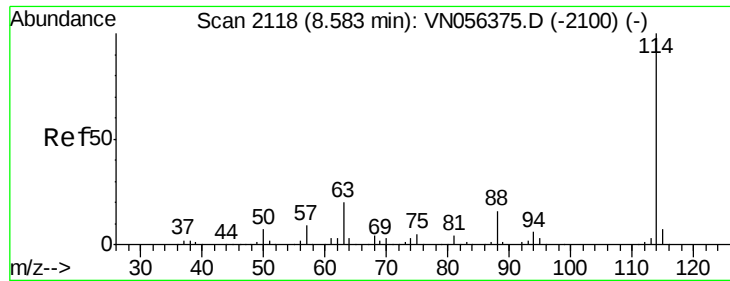


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

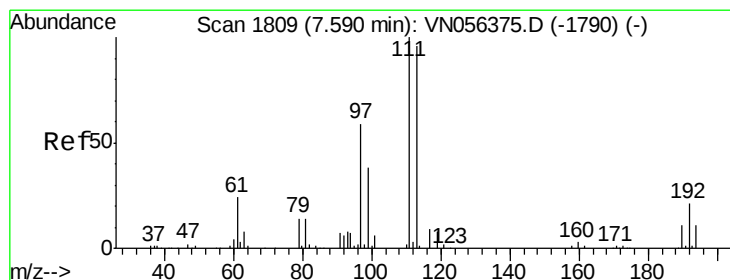
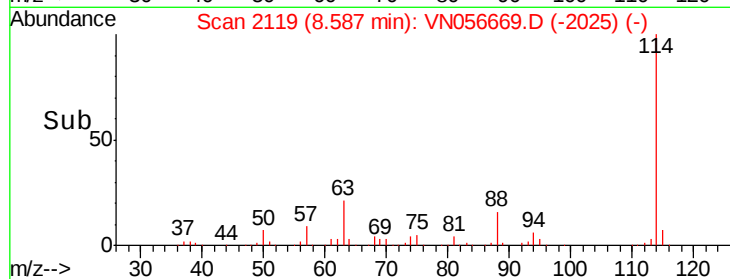
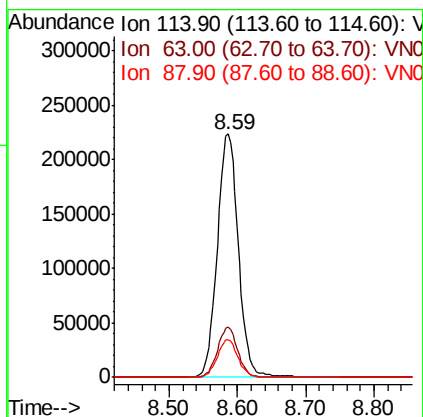
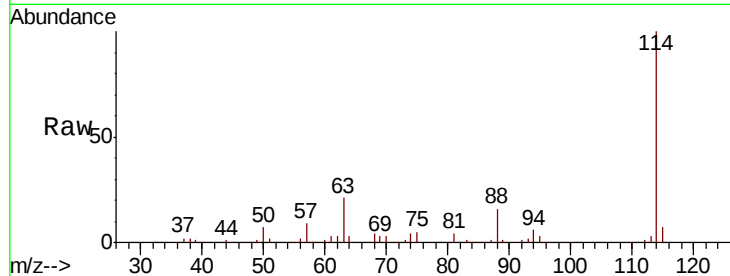




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

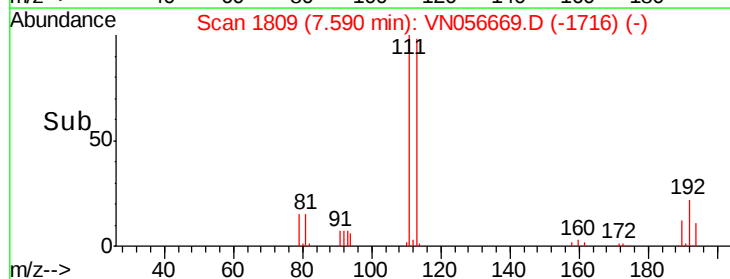
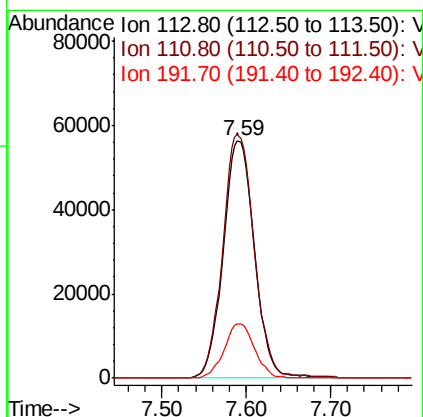
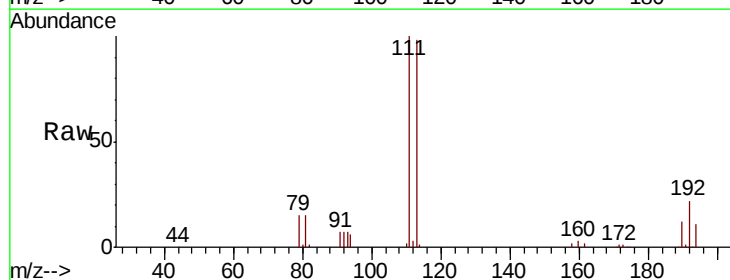
Instrument :
 MSVOA_N
 ClientSampleId :
 PB121283TB

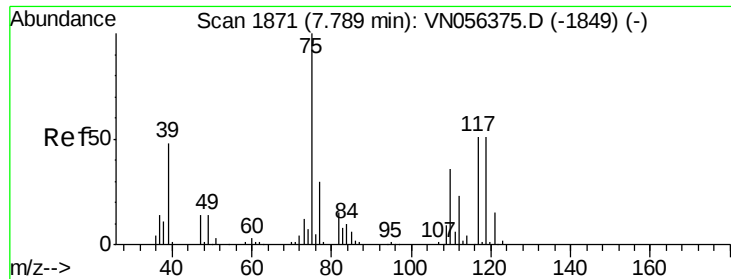
Tot Ion:114 Resp: 480376
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.5 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.488 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Tgt Ion:113 Resp: 145308
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 22.3 17.7 26.5

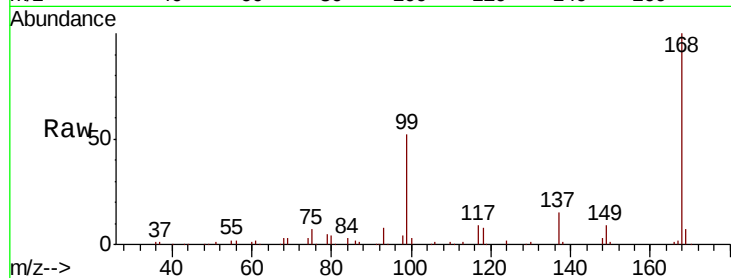




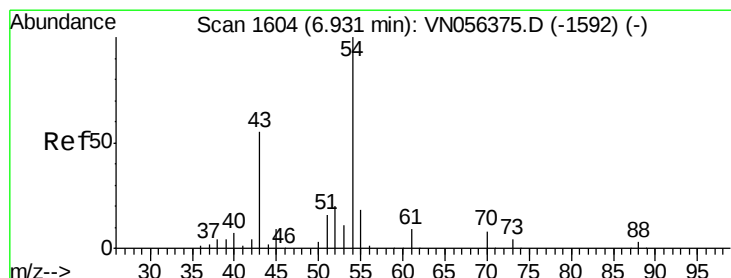
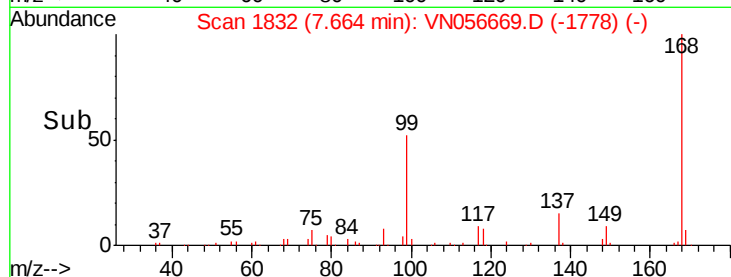
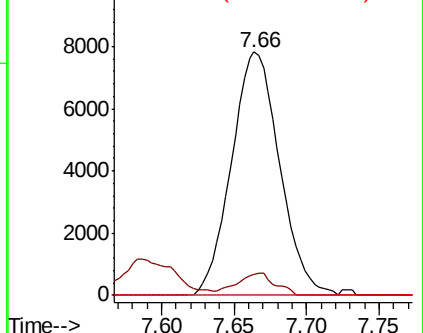
#36
 1,1-Dichloropropene
 Concen: 4.275 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121283TB

Tot Ion: 75 Resp: 18076
 Ion Ratio Lower Upper
 75 100
 110 7.3 18.1 54.3#
 77 0.0 24.6 36.8#

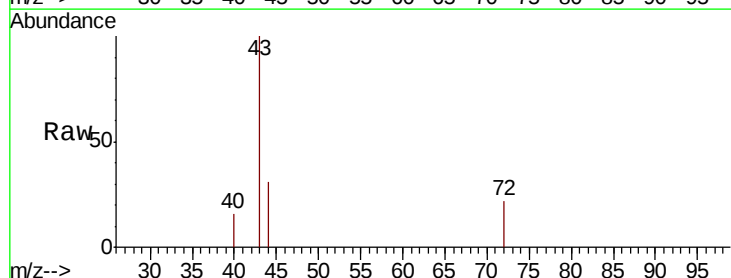


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0

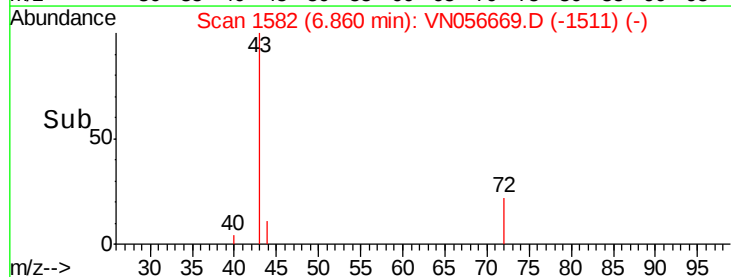
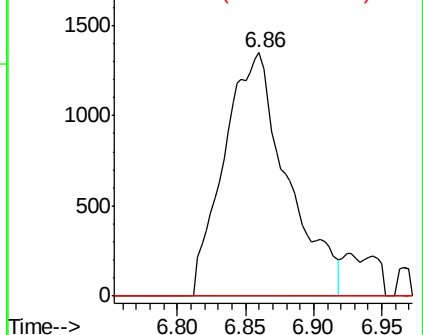


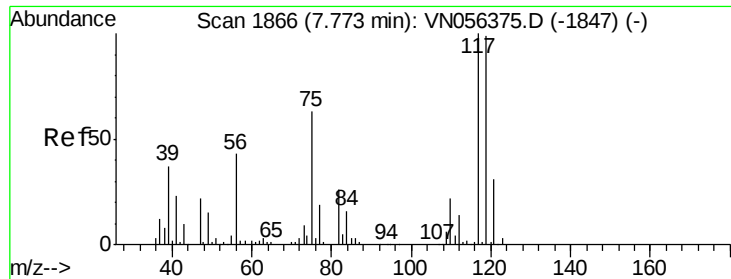
#37
 Ethyl Acetate
 Concen: 1.044 ug/l
 RT: 6.86 min Scan# 1582
 Delta R.T. -0.07 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Tgt Ion: 43 Resp: 4337
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.1 16.7#
 70 0.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.419 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

PB121283TB

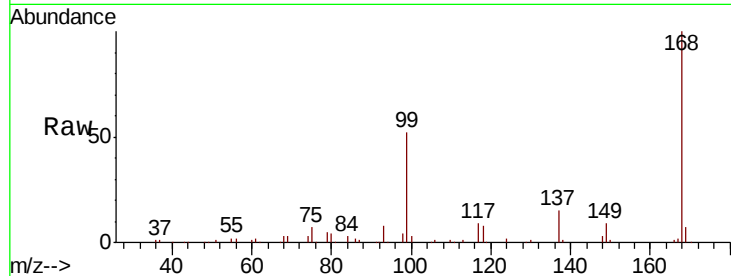
Tot Ion:117 Resp: 23733

Ion Ratio Lower Upper

117 100

119 4.9 79.1 118.7#

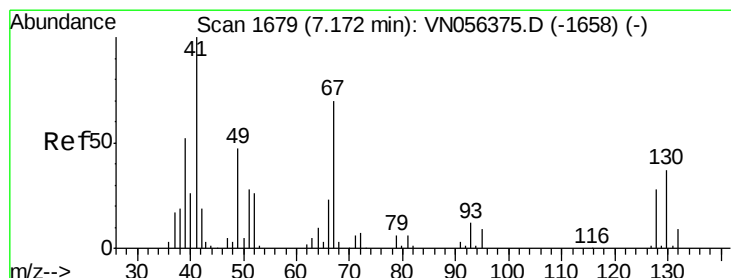
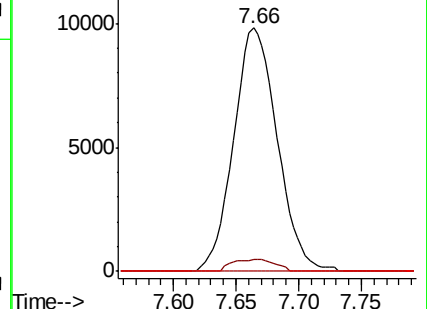
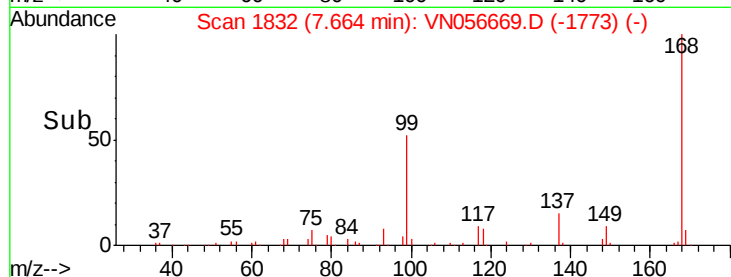
121 0.0 24.8 37.2#



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: 0.574 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.05 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Tgt Ion: 41 Resp: 1054

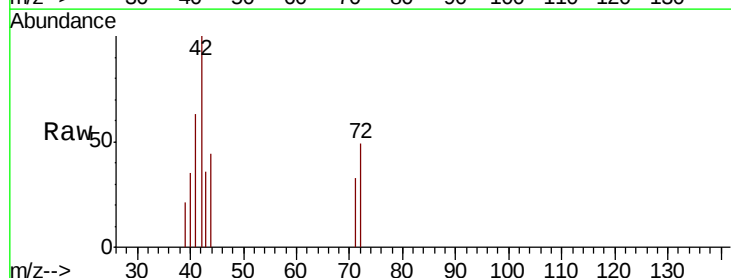
Ion Ratio Lower Upper

41 100

39 25.4 55.3 82.9#

67 0.0 79.2 118.8#

52 0.0 31.4 47.0#

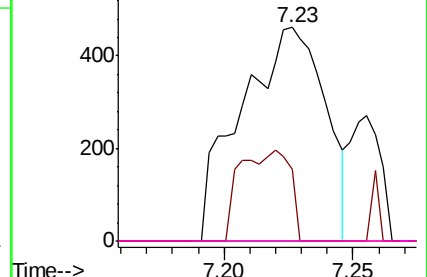
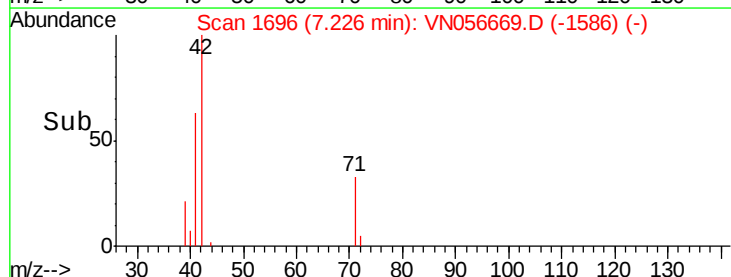


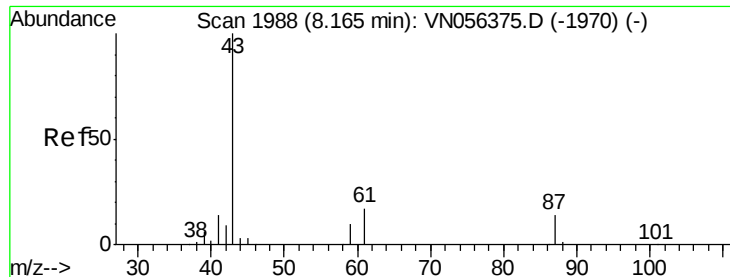
Abundance Ion 41.00 (40.70 to 41.70): V

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: 3.173 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

PB121283TB

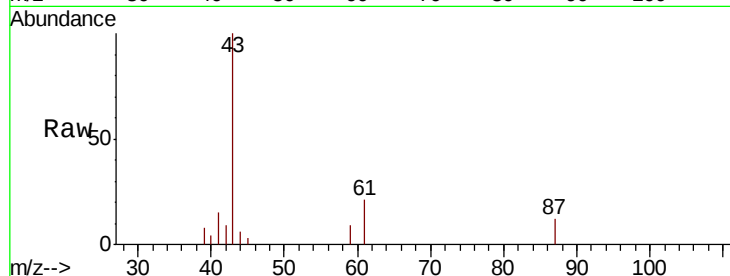
Tot Ion: 43 Resp: 20332

Ion Ratio Lower Upper

43 100

61 20.5 22.0 33.0#

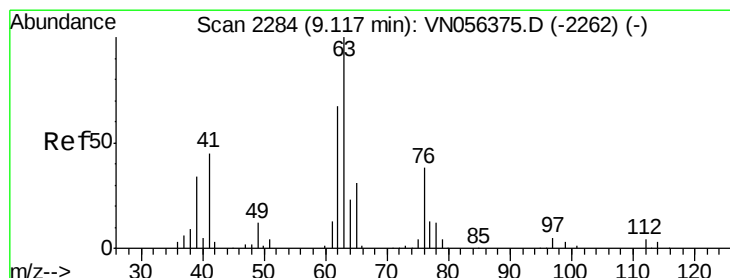
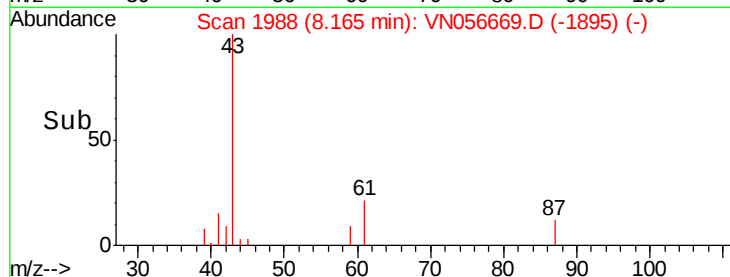
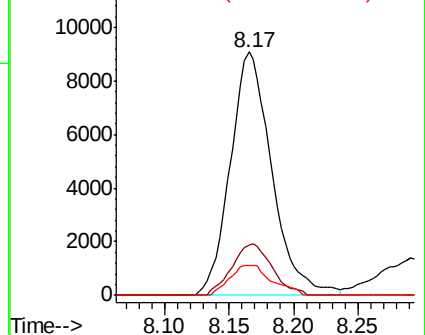
87 12.5 11.0 16.4



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: 0.559 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.15 min

Lab File: VN056669.D

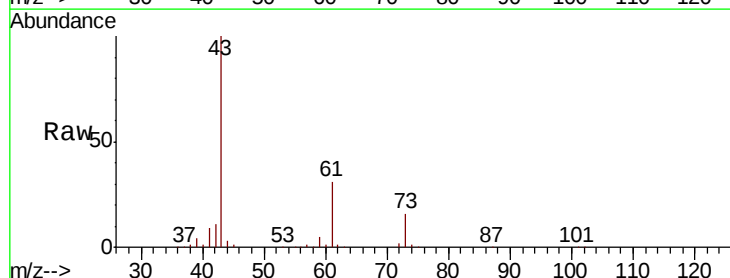
Acq: 11 Jul 2019 16:55

Tgt Ion: 63 Resp: 1944

Ion Ratio Lower Upper

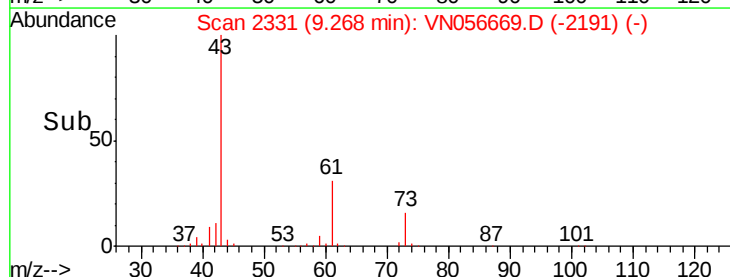
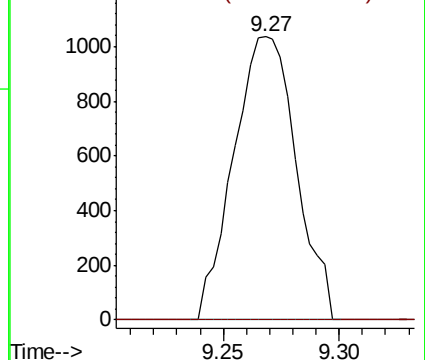
63 100

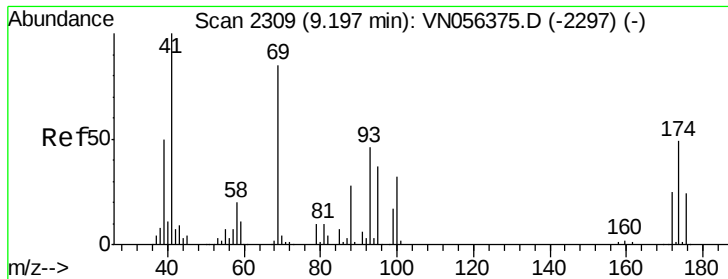
65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#48

Methyl methacrylate

Concen: 2.905 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

PB121283TB

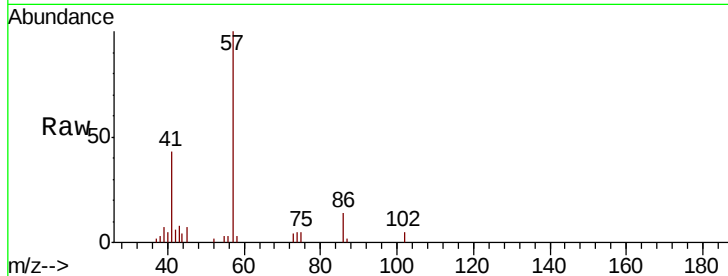
Tot Ion: 41 Resp: 9326

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

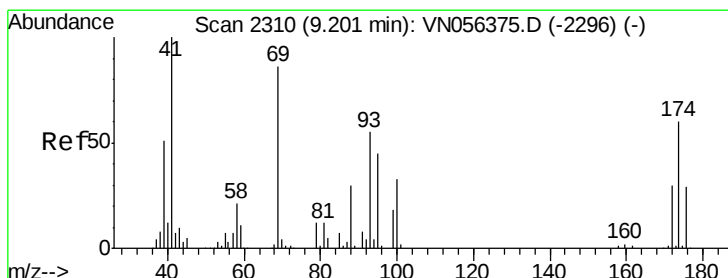
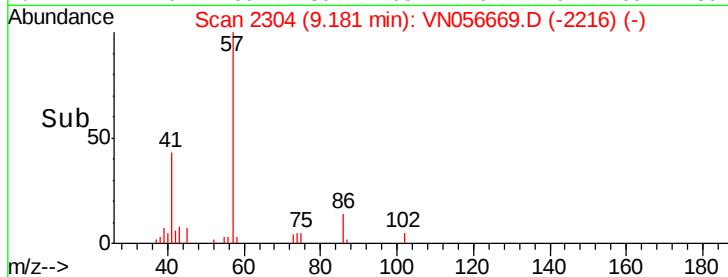
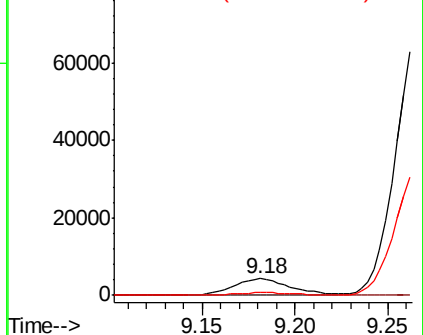
39 0.0 42.6 63.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#49

1,4-Dioxane

Concen: 0.435 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

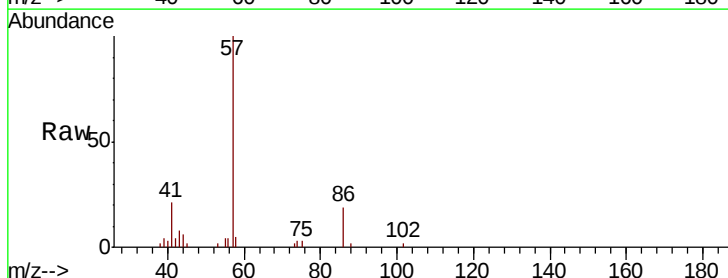
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 0.0 22.0 33.0#

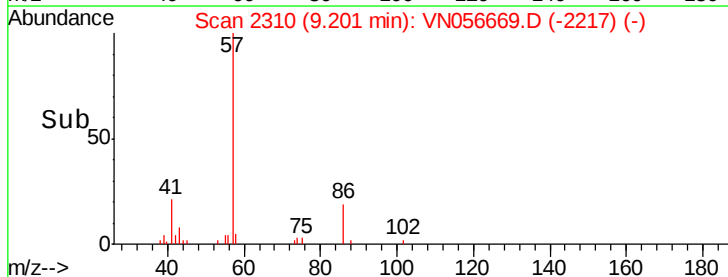
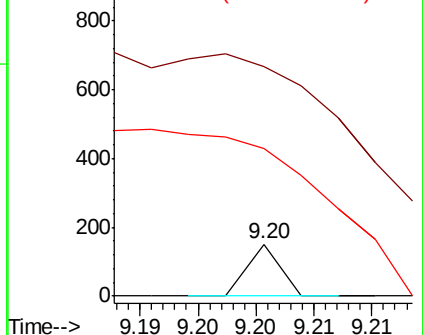
58 3251.7 51.8 77.8#

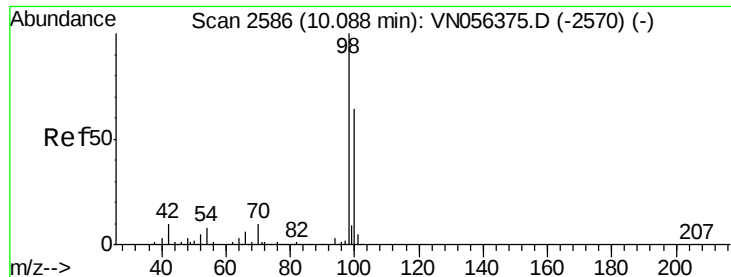


Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#50

Toluene-d8

Concen: 52.364 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

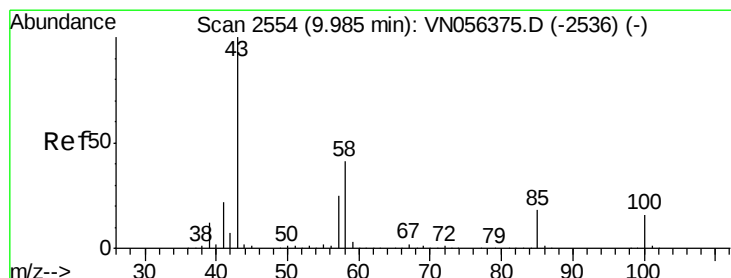
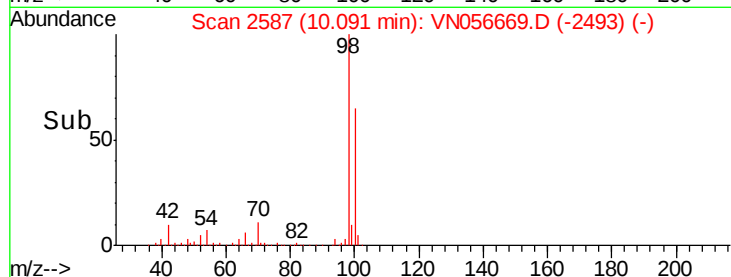
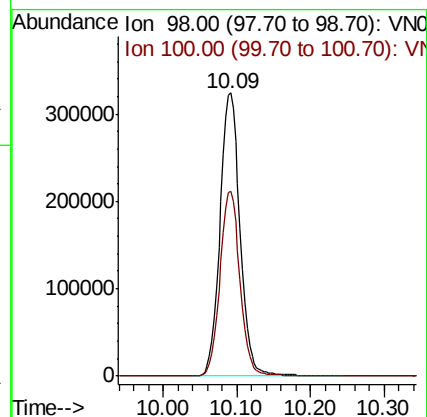
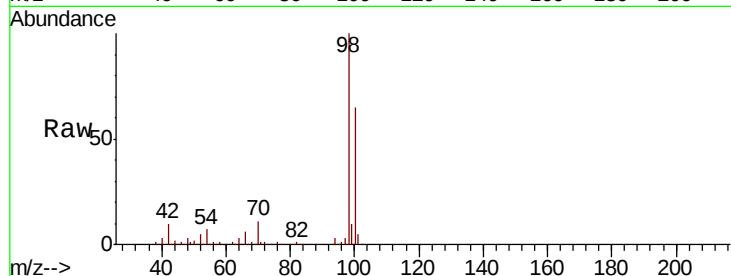
PB121283TB

Tot Ion: 98 Resp: 610593

Ion Ratio Lower Upper

98 100

100 64.8 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.376 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056669.D

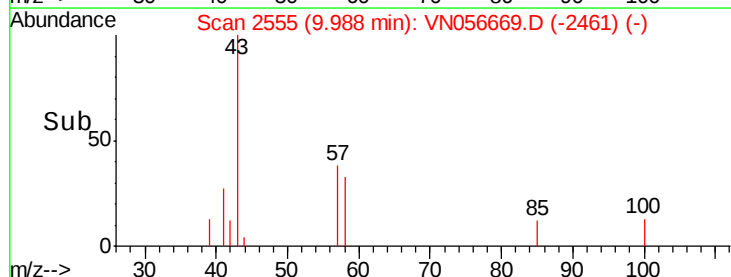
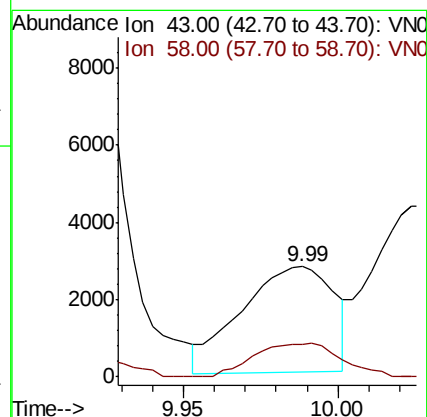
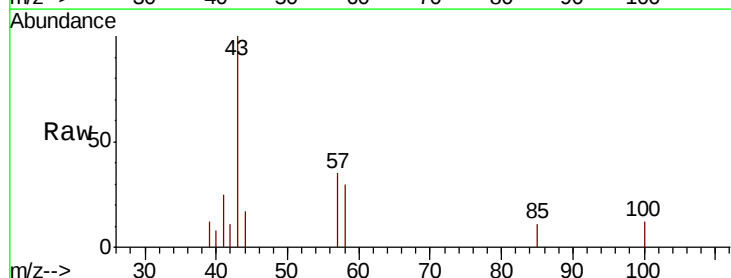
Acq: 11 Jul 2019 16:55

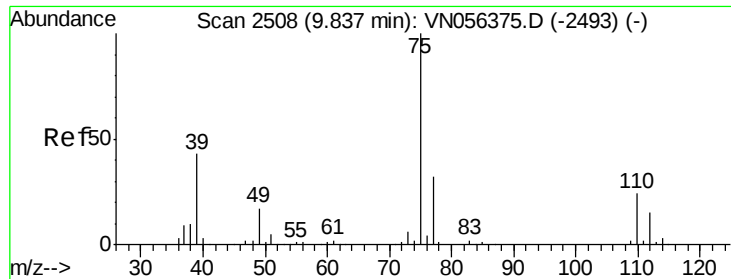
Tgt Ion: 43 Resp: 5692

Ion Ratio Lower Upper

43 100

58 30.3 31.8 47.8#



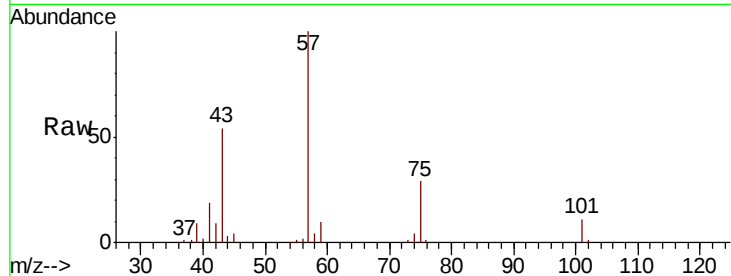


#54

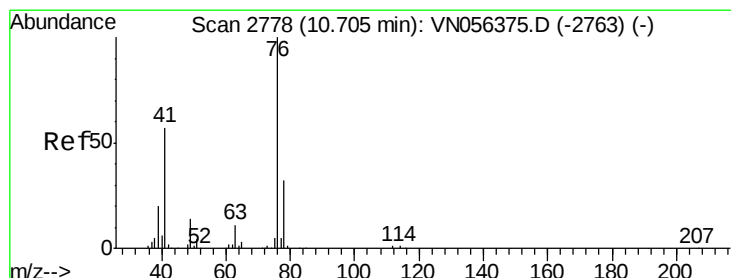
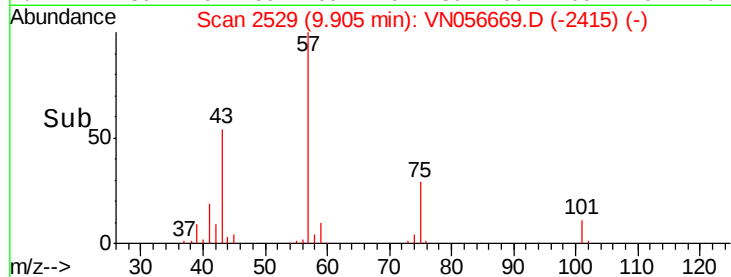
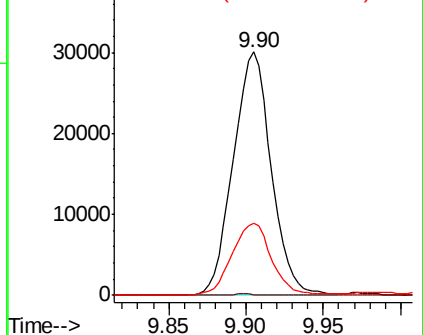
cis-1,3-Dichloropropene
 Concen: 11.034 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121283TB

Tot Ion: 75 Resp: 51285
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 29.7 34.2 51.4#



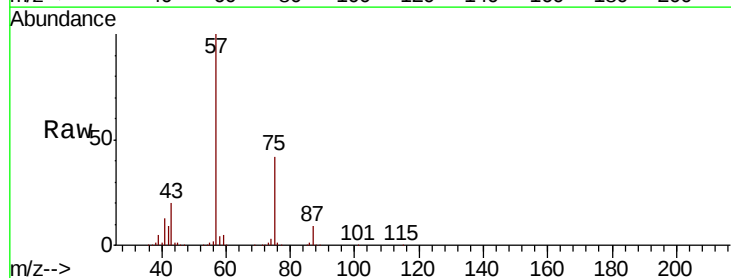
Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0



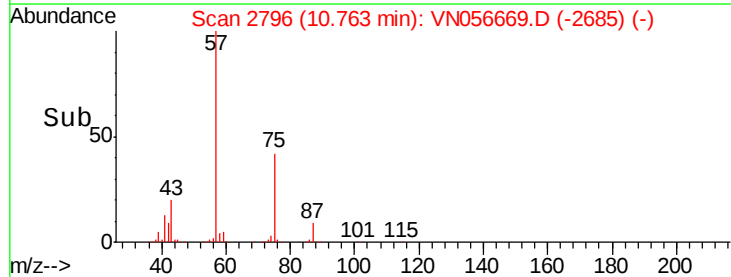
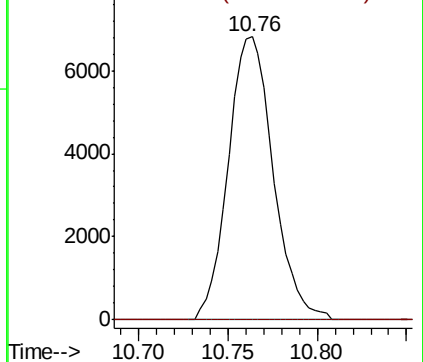
#57

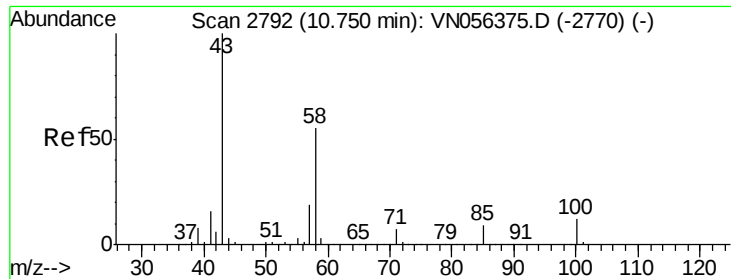
1,3-Dichloropropane
 Concen: 2.231 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Tgt Ion: 76 Resp: 11978
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

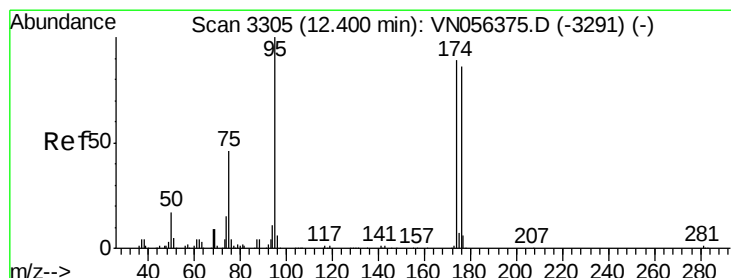
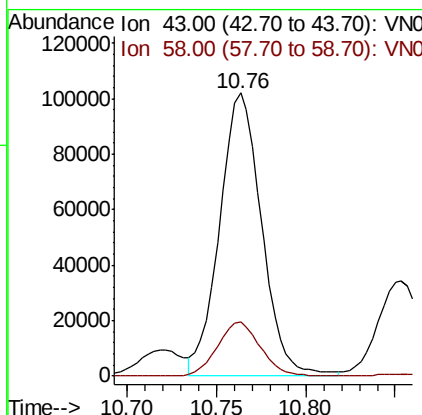
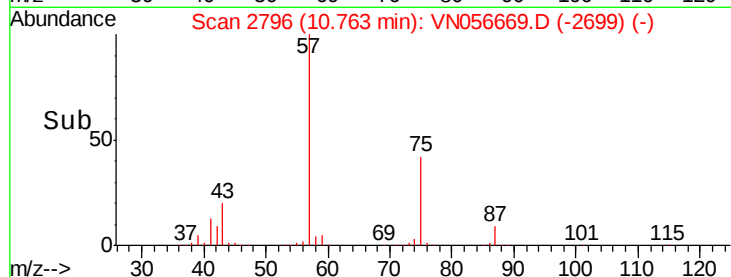
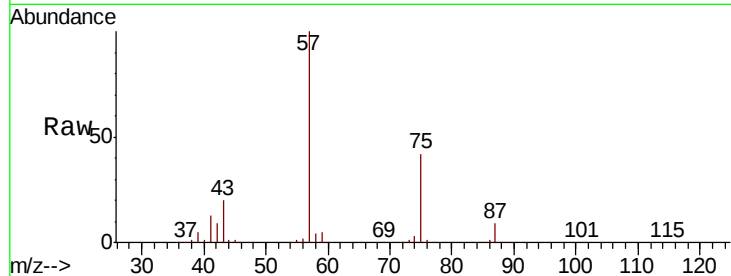




#59
2-Hexanone
Concen: 54.564 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

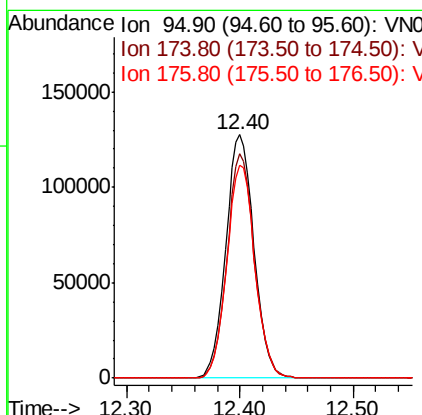
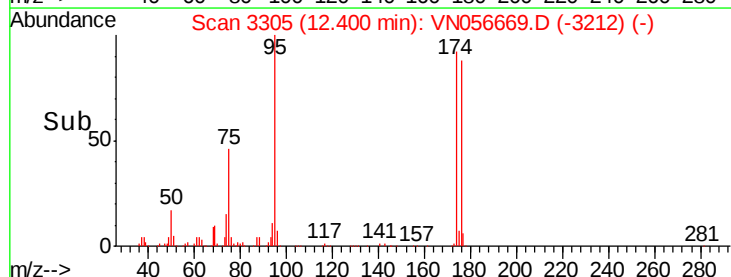
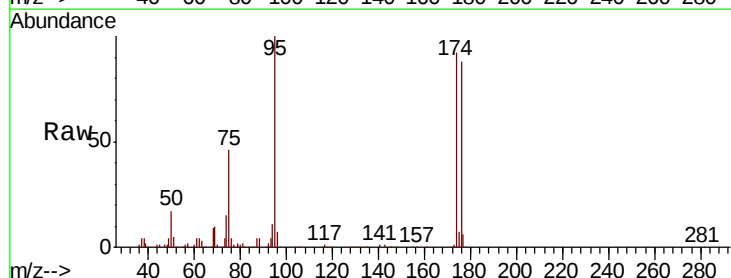
Instrument :
MSVOA_N
ClientSampled :
PB121283TB

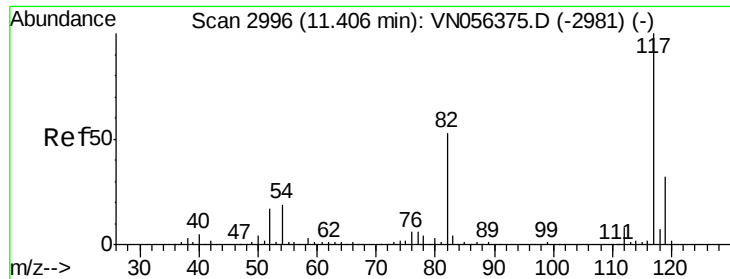
Tot Ion: 43 Resp: 165842
Ion Ratio Lower Upper
43 100
58 19.9 27.8 83.4#



#62
4-Bromofluorobenzene
Concen: 56.660 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Tgt Ion: 95 Resp: 220245
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.4
176 87.4 0.0 173.4

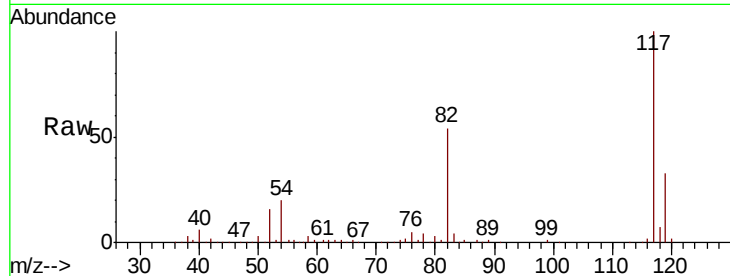




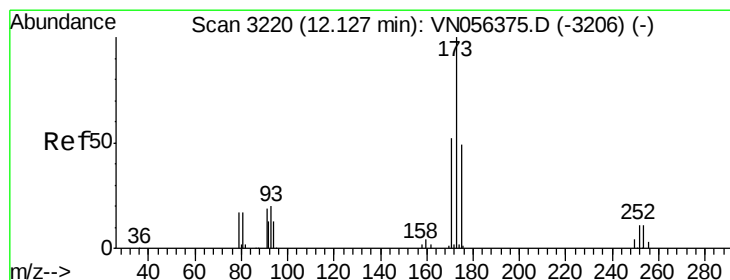
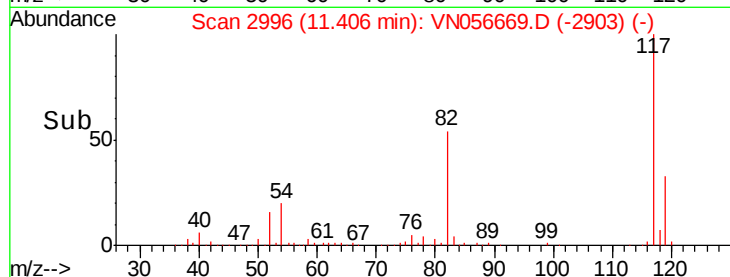
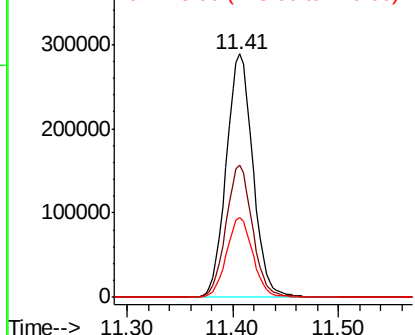
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :
PB121283TB

Tot Ion:117 Resp: 505113
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 33.0 25.3 37.9

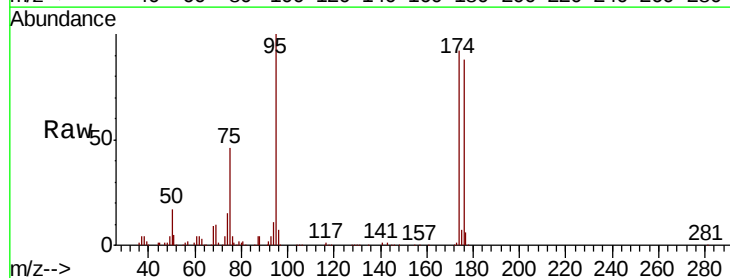


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

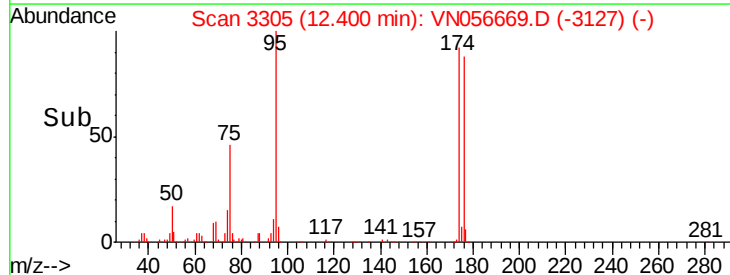
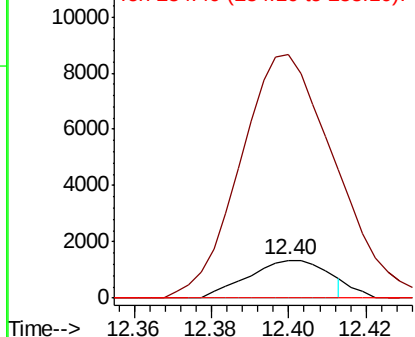


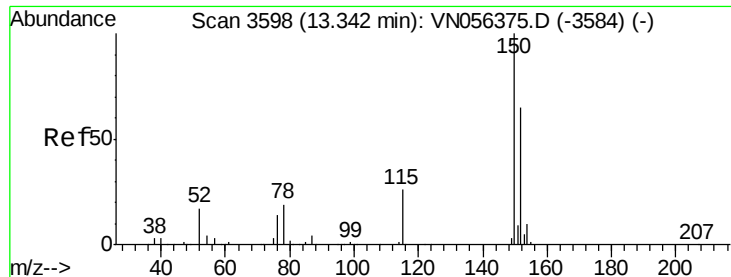
#71
Bromoform
Concen: 3.790 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Tgt Ion:173 Resp: 1912
Ion Ratio Lower Upper
173 100
175 680.6 24.4 73.4#
254 0.0 0.0 0.0



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



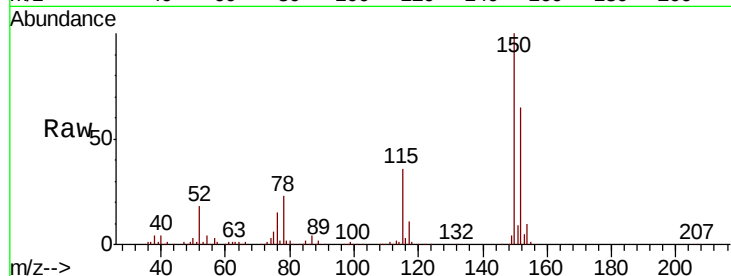


#72

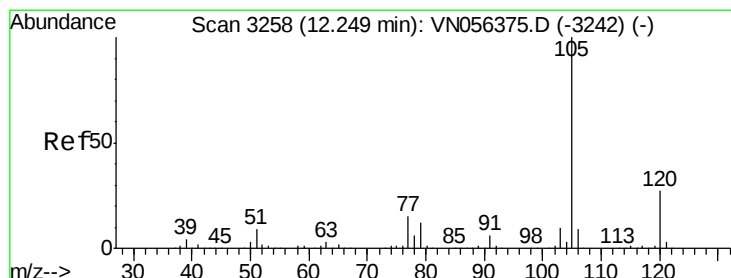
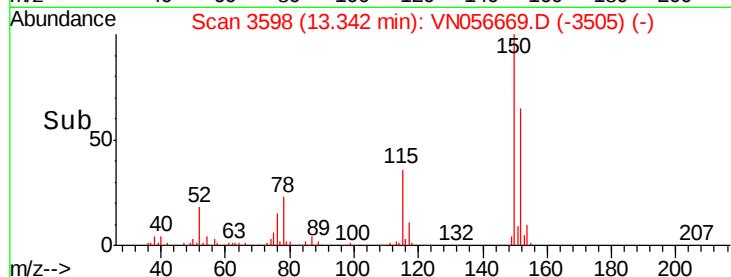
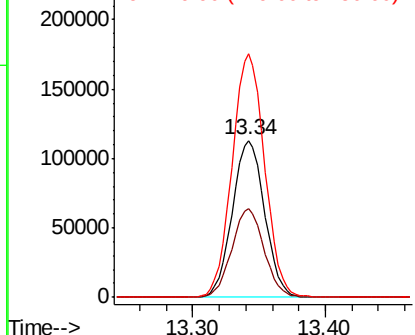
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Instrument :
MSVOA_N
ClientSampleId :
PB121283TB

Tot Ion:152 Resp: 191077
Ion Ratio Lower Upper
152 100
115 56.3 28.1 84.4
150 156.1 0.0 348.4



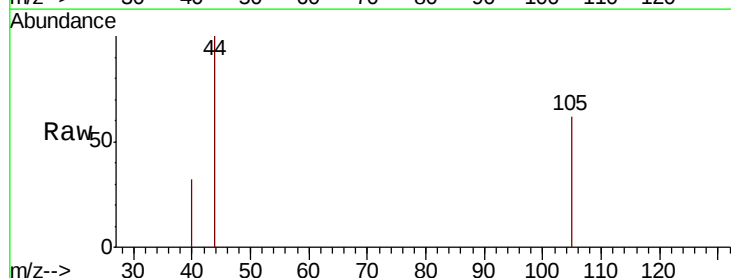
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



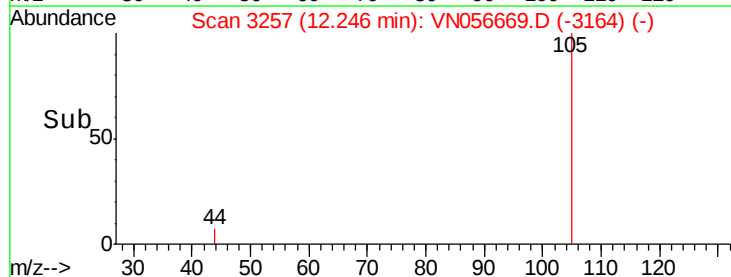
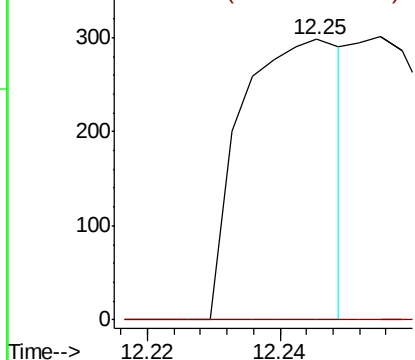
#73

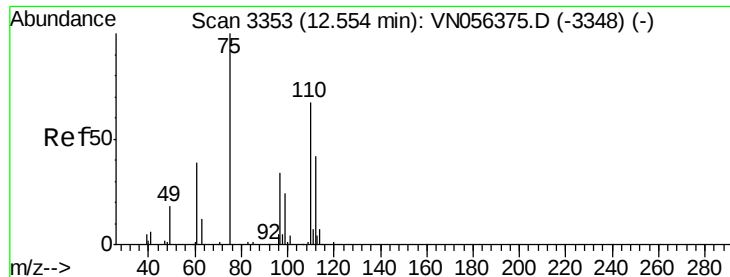
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3257
Delta R.T. -0.00 min
Lab File: VN056669.D
Acq: 11 Jul 2019 16:55

Tgt Ion:105 Resp: 312
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 26.222 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

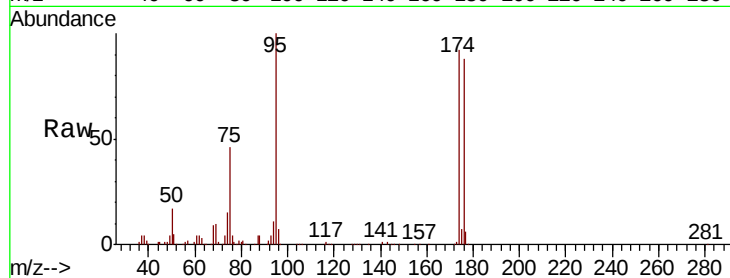
PB121283TB

Tot Ion: 75 Resp: 103891

Ion Ratio Lower Upper

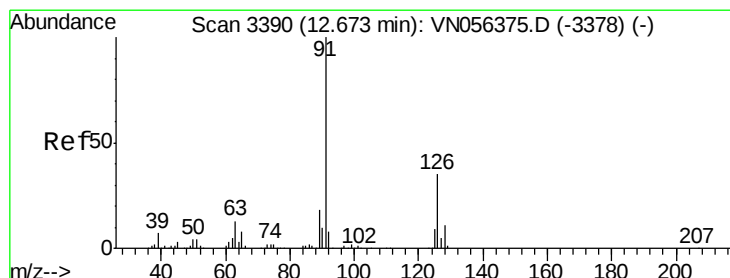
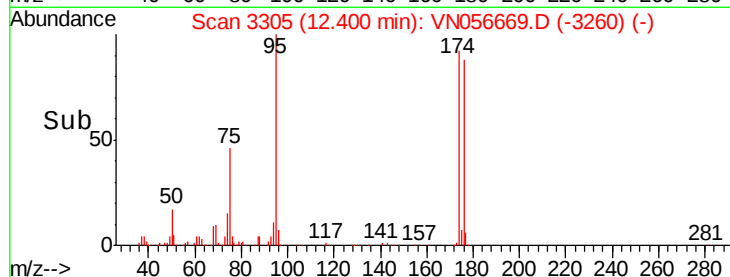
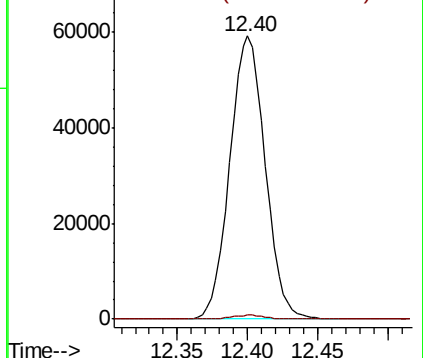
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056669.D

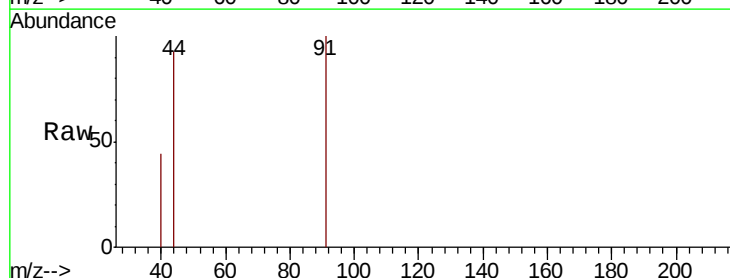
Acq: 11 Jul 2019 16:55

Tgt Ion: 91 Resp: 677

Ion Ratio Lower Upper

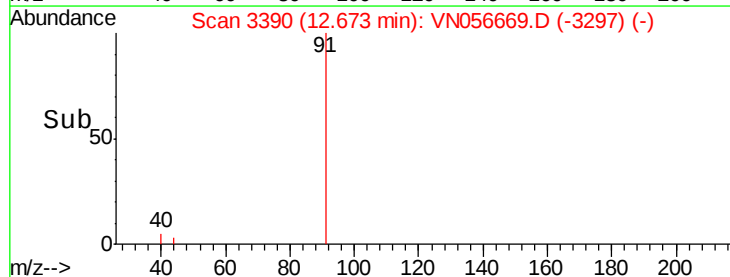
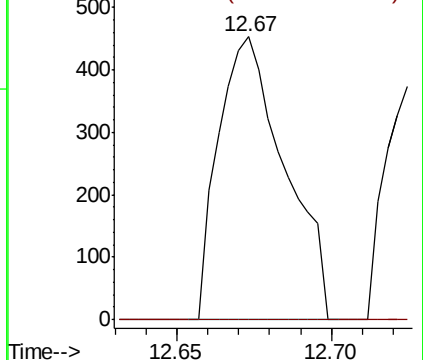
91 100

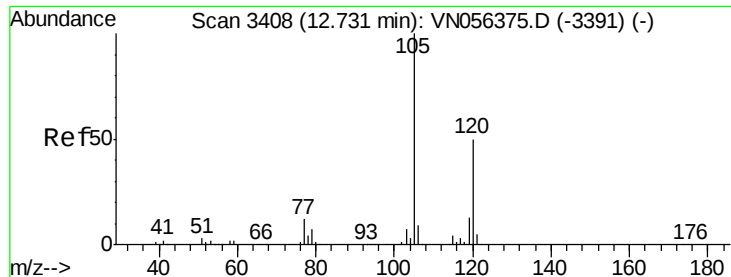
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO





#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampled :

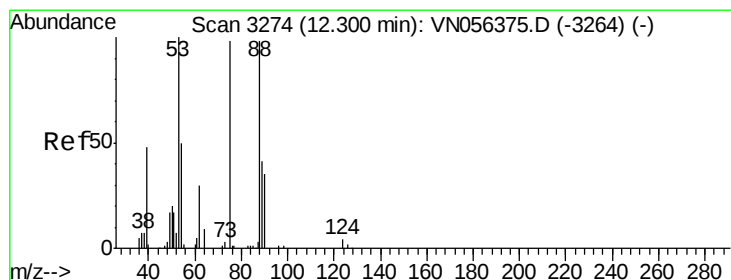
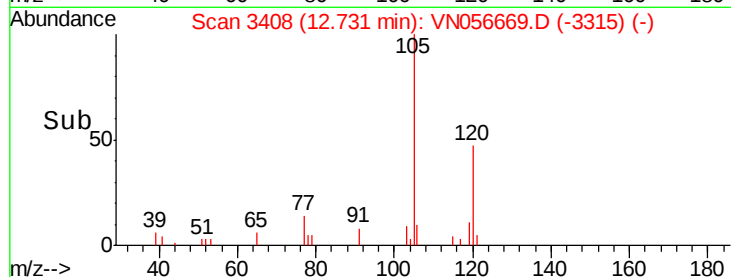
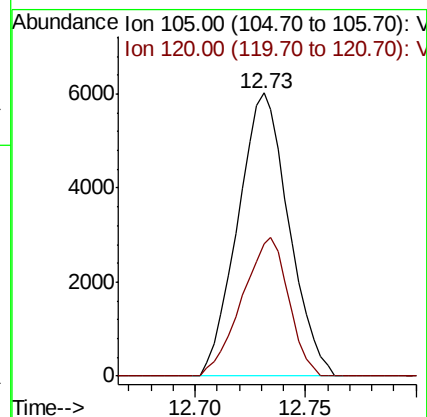
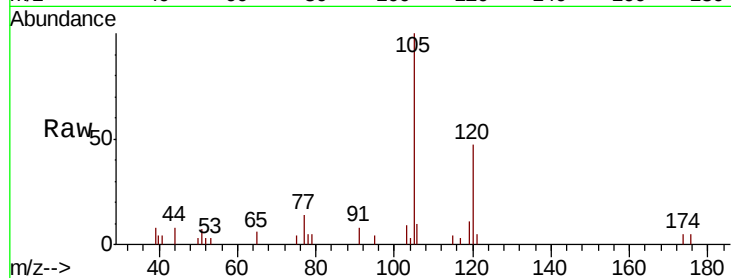
PB121283TB

Tot Ion:105 Resp: 9652

Ion Ratio Lower Upper

105 100

120 44.9 24.8 74.4



#81

trans-1,4-Dichloro-2-butene

Concen: 93.196 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

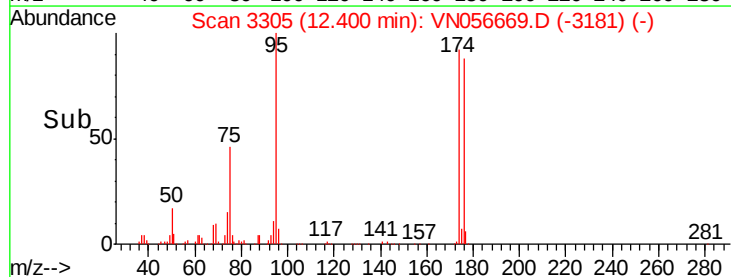
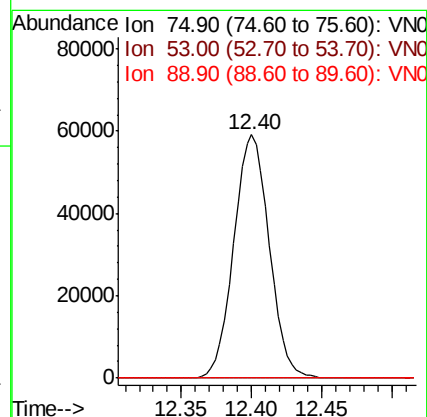
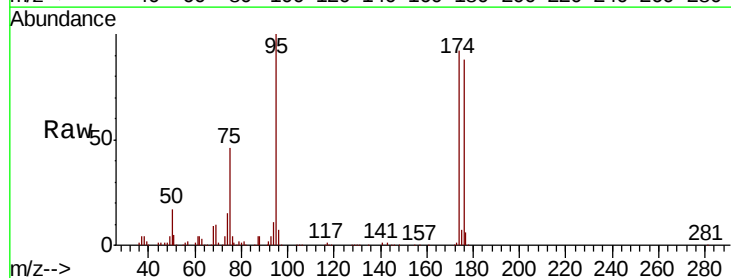
Tgt Ion: 75 Resp: 103891

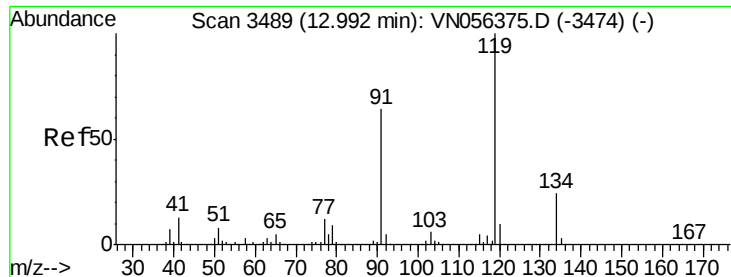
Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

89 0.0 35.0 52.6#

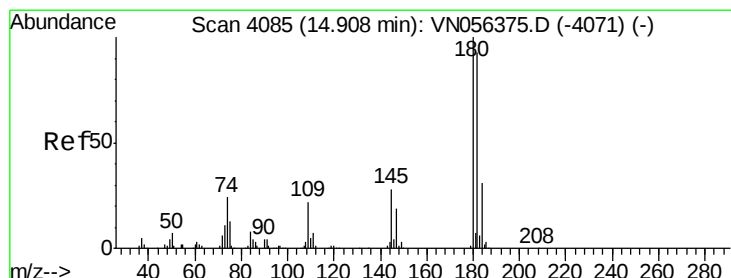
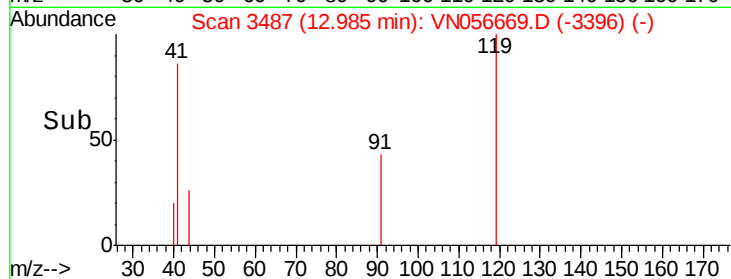
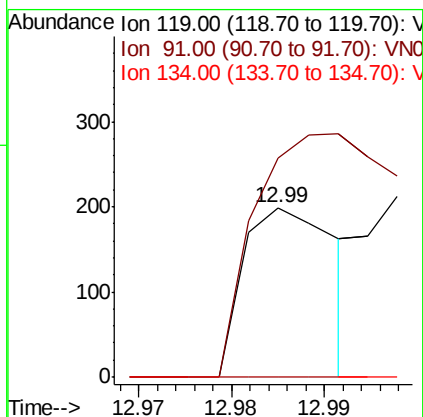
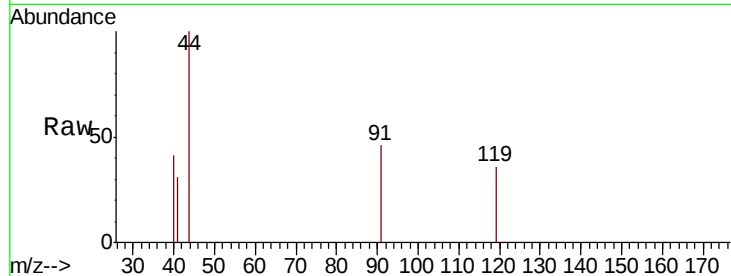




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3487
 Delta R.T. -0.01 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

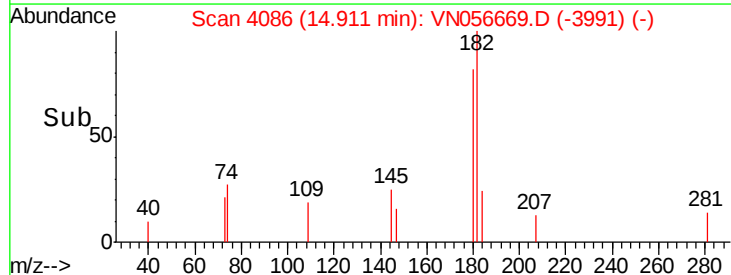
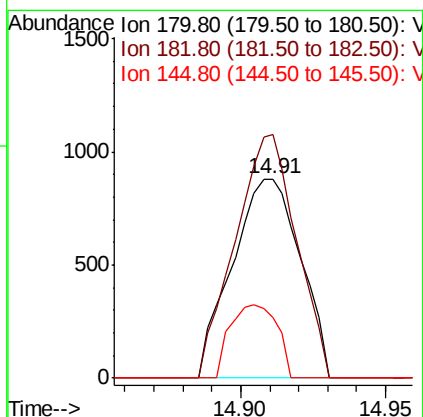
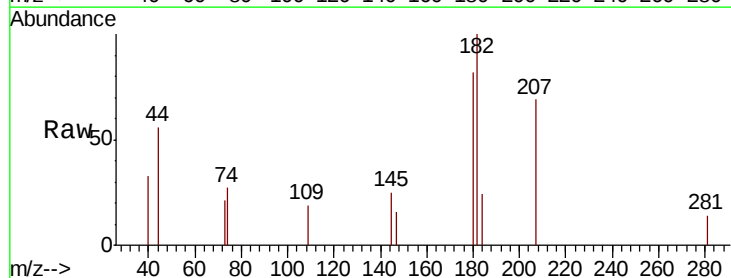
Instrument :
 MSVOA_N
 ClientSampleID :
 PB121283TB

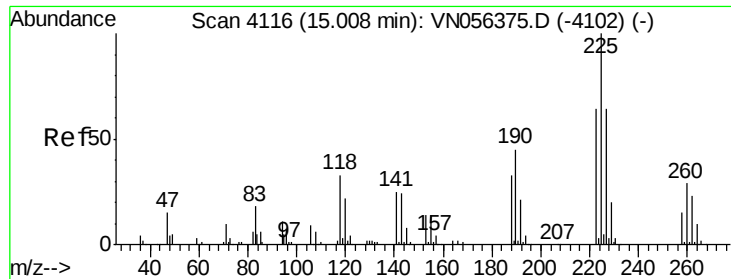
Tot Ion:119 Resp: 137
 Ion Ratio Lower Upper
 119 100
 91 263.5 31.6 94.7#
 134 0.0 13.2 39.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.996 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Tgt Ion:180 Resp: 1438
 Ion Ratio Lower Upper
 180 100
 182 109.8 46.9 140.6
 145 25.2 14.4 43.0





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.00 min Scan# 4114

Delta R.T. -0.01 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

Instrument :

MSVOA_N

ClientSampleId :

PB121283TB

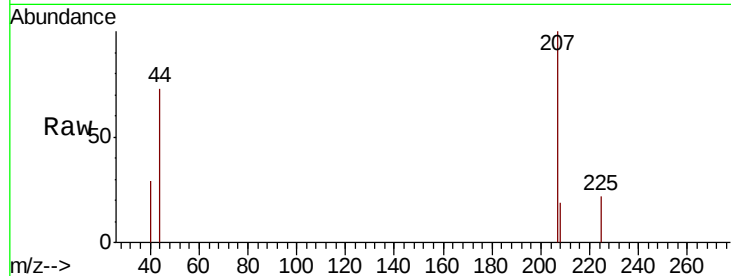
Tot Ion:225 Resp: 133

Ion Ratio Lower Upper

225 100

223 23.3 31.4 94.3#

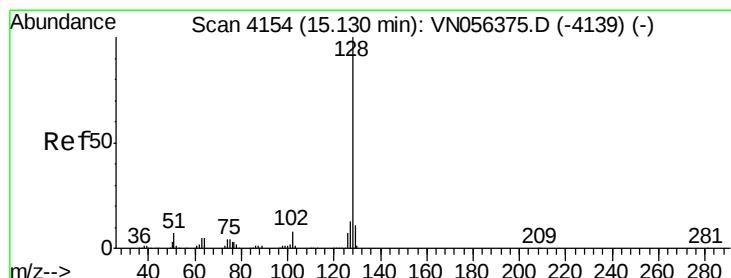
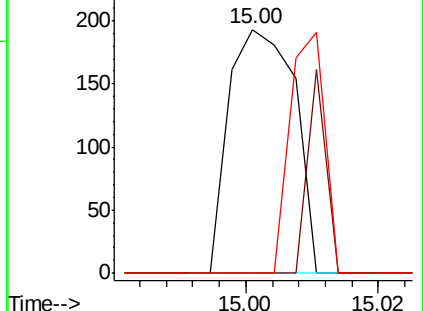
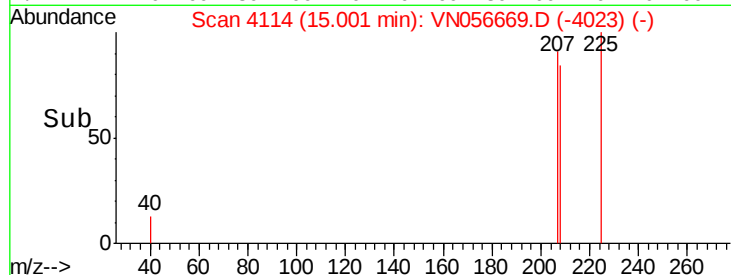
227 52.6 32.1 96.3



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: 5.833 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056669.D

Acq: 11 Jul 2019 16:55

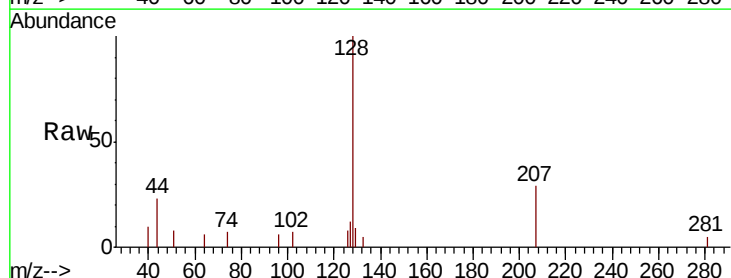
Tgt Ion:128 Resp: 5742

Ion Ratio Lower Upper

128 100

127 7.2 10.2 15.2#

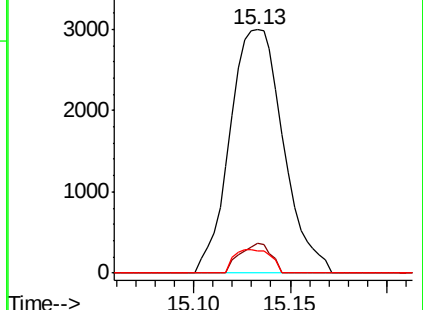
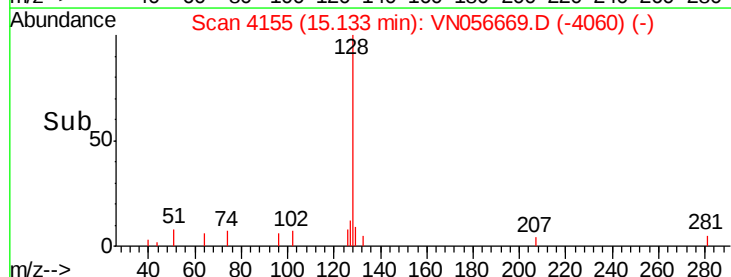
129 6.6 8.6 12.8#

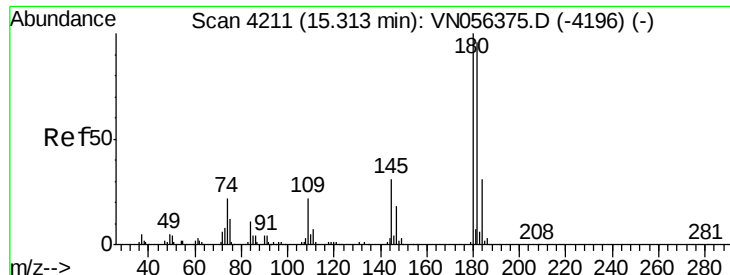


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 5.033 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN056669.D
 Acq: 11 Jul 2019 16:55

Instrument :
 MSVOA_N
 ClientSampleId :
 PB121283TB

Tot Ion	Ratio	Lower	Upper
180	100		
182	113.3	48.3	144.8
145	30.3	15.4	46.1

