

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056346.D
 Acq On : 17 Jun 2019 17:33
 Operator : JC/SP
 Sample : K3154-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 04:37:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:23:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	341671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	578295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	584074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184922	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	198584	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
35) Dibromofluoromethane	7.59	113	171526	46.25	ug/l	0.00
Spiked Amount			Recovery	=	92.50%	
50) Toluene-d8	10.09	98	733327	51.76	ug/l	0.00
Spiked Amount			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.40	95	241638	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.82	59	778	1.287	ug/l #	73
13) Acrolein	3.60	56	106	3.783	ug/l #	14
14) Allyl chloride	4.54	41	6842	1.287	ug/l #	27
16) Acetone	3.82	43	25148	11.846	ug/l	97
18) Methyl Acetate	4.34	43	6525	Below Cal	#	83
20) Methylene Chloride	4.55	84	187519	50.025	ug/l	99
25) 2-Butanone	6.85	43	9319	3.622	ug/l	95
29) Tetrahydrofuran	7.21	42	1211	0.792	ug/l #	81
30) Chloroform	7.37	83	4126	0.676	ug/l	98
31) Cyclohexane	7.66	56	5601	0.946	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	22840	4.389	ug/l #	47
37) Ethyl Acetate	6.85	43	9319	1.890	ug/l #	68
38) Carbon Tetrachloride	7.66	117	28766	5.759	ug/l #	16
41) Methacrylonitrile	7.23	41	1202	0.531	ug/l #	22
43) Isopropyl Acetate	8.17	43	13682	1.734	ug/l	97
45) 1,2-Dichloropropane	9.27	63	1424	0.341	ug/l #	44
48) Methyl methacrylate	9.18	41	8893	2.234	ug/l #	13
49) 1,4-Dioxane	9.27	88	115	1.432	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	4305	0.856	ug/l	92
54) cis-1,3-Dichloropropene	9.90	75	54342	8.958	ug/l #	62
57) 1,3-Dichloropropane	10.76	76	12138	1.820	ug/l #	42
59) 2-Hexanone	10.76	43	166270	44.589	ug/l #	52
71) Bromoform	12.40	173	1879	0.546	ug/l #	1
73) Isopropylbenzene	12.25	105	298	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	112954	28.589	ug/l #	100
79) 2-Chlorotoluene	12.68	91	1324	Below Cal	#	47
80) 1,3,5-Trimethylbenzene	12.73	105	4138	0.321	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.40	75	112954	88.824	ug/l #	13
83) tert-Butylbenzene	13.04	119	1140	Below Cal	#	57
84) 1,2,4-Trimethylbenzene	13.04	105	10429	0.868	ug/l	96
90) Hexachloroethane	13.89	117	74	Below Cal	#	4
95) Naphthalene	15.13	128	9699	5.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	62	3.820	ug/l #	49

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QLast Update : Tue Jun 18 04:23:59 2019
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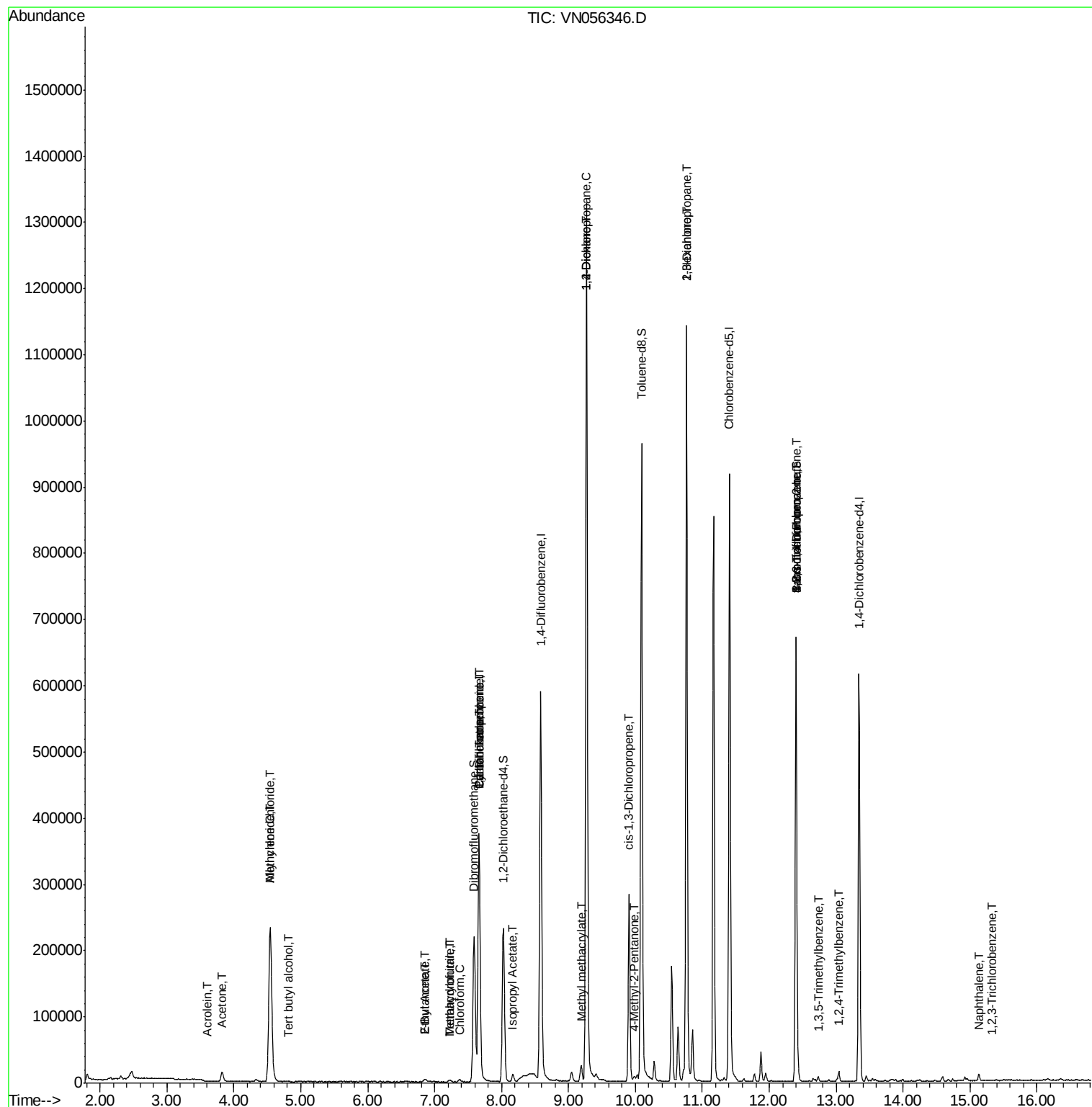
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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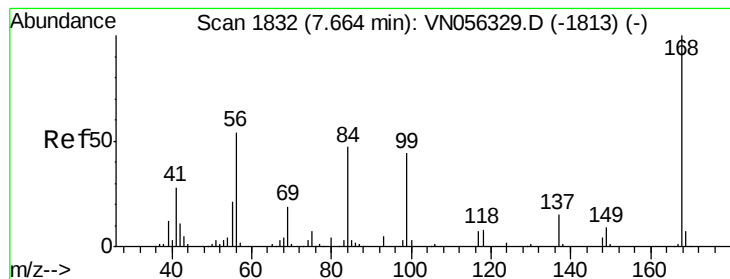
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

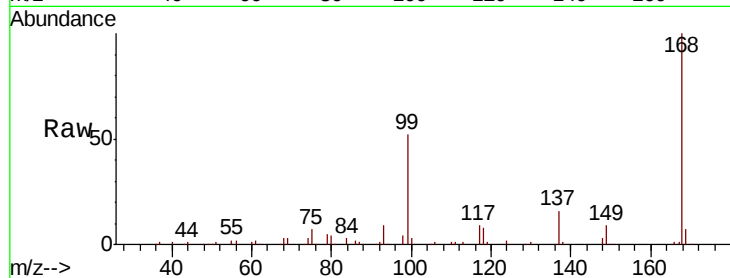
ClientSampled :

Tot Ion:168 Resp: 341671

Ion Ratio Lower Upper

168 100

99 51.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

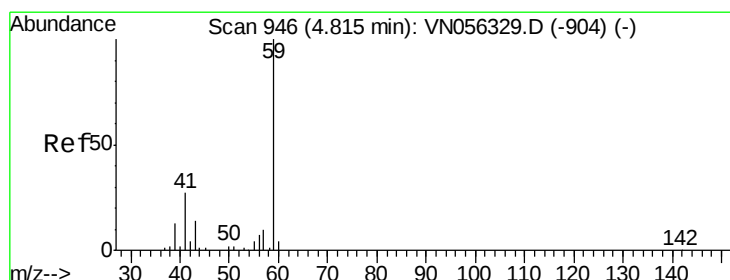
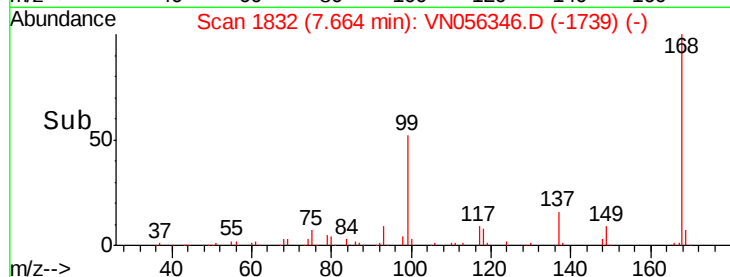
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.287 ug/l

RT: 4.82 min Scan# 948

Delta R.T. 0.01 min

Lab File: VN056346.D

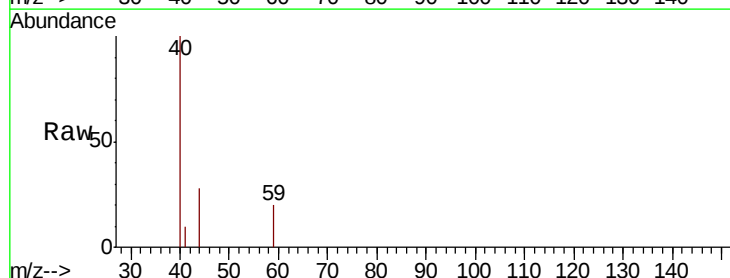
Acq: 17 Jun 2019 17:33

Tgt Ion: 59 Resp: 778

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.82

400

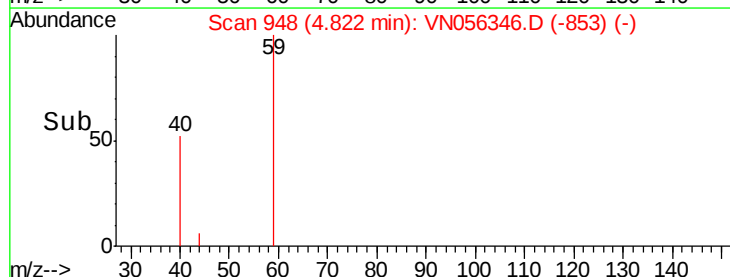
300

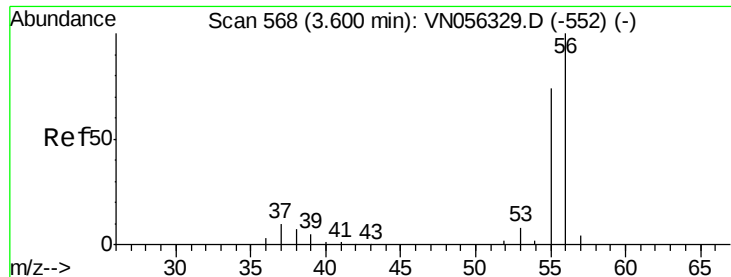
200

100

0

Time-->





#13

Acrolein

Concen: 3.783 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

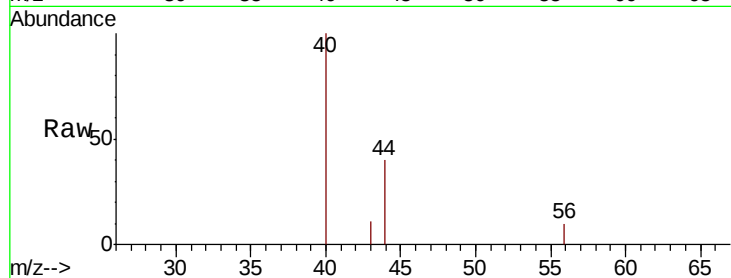
ClientSampleId :

Tot Ion: 56 Resp: 106

Ion Ratio Lower Upper

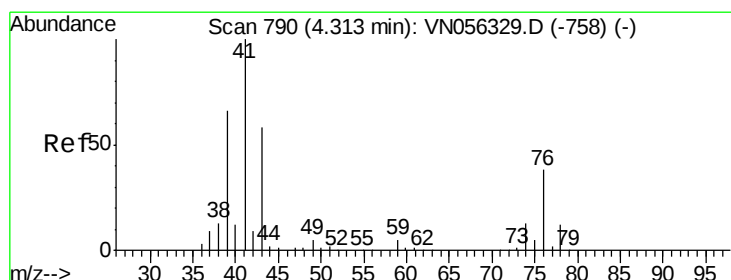
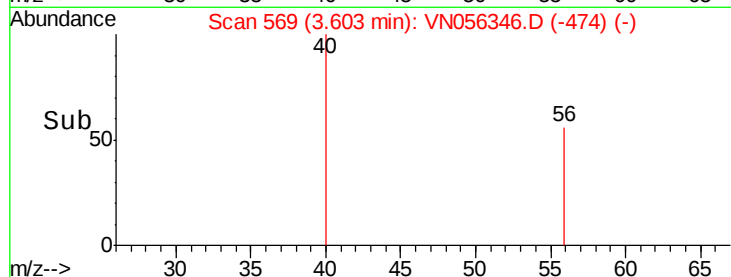
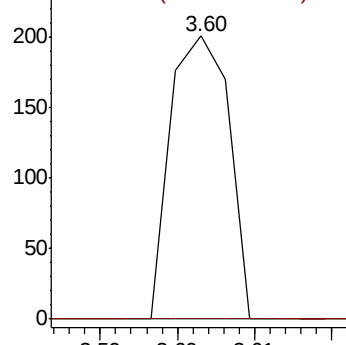
56 100

55 0.0 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 1.287 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.23 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

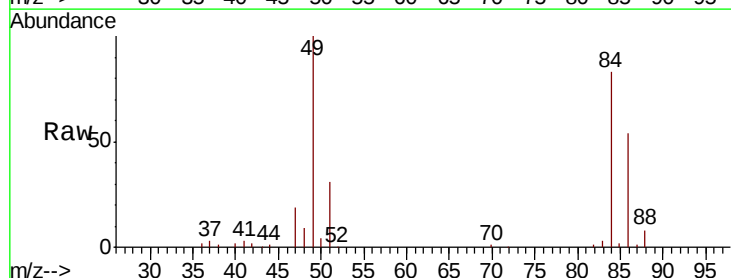
Tgt Ion: 41 Resp: 6842

Ion Ratio Lower Upper

41 100

39 0.0 48.9 73.3#

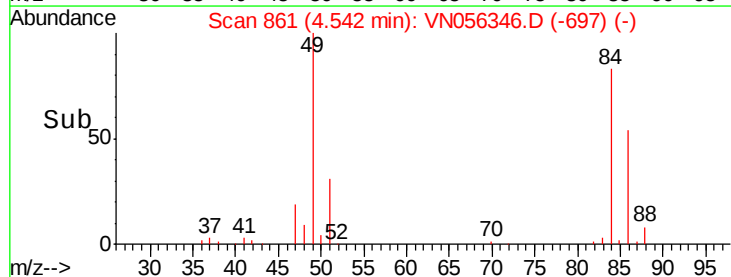
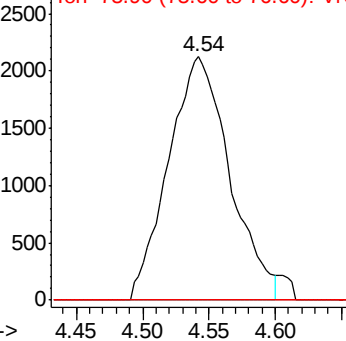
76 0.0 27.2 40.8#

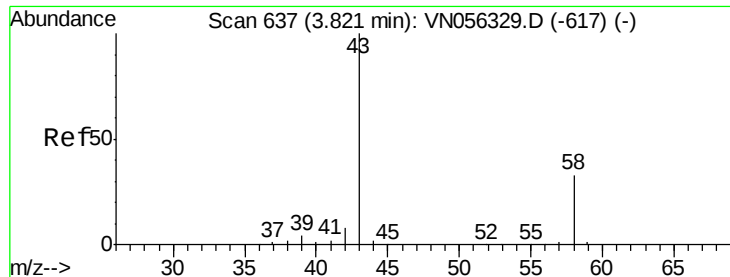


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#16

Acetone

Concen: 11.846 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

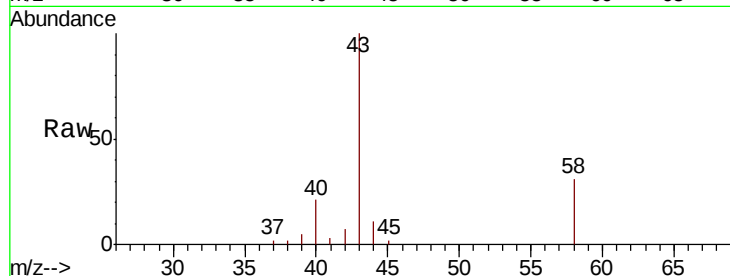
ClientSampled :

Tot Ion: 43 Resp: 25148

Ion Ratio Lower Upper

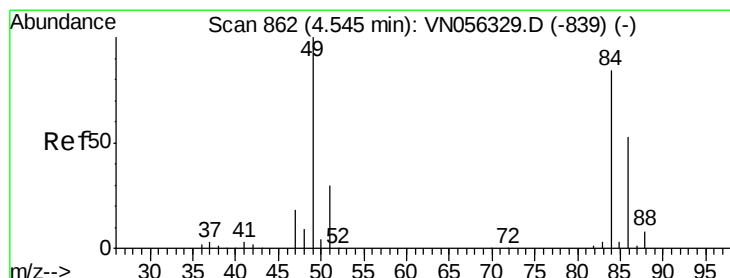
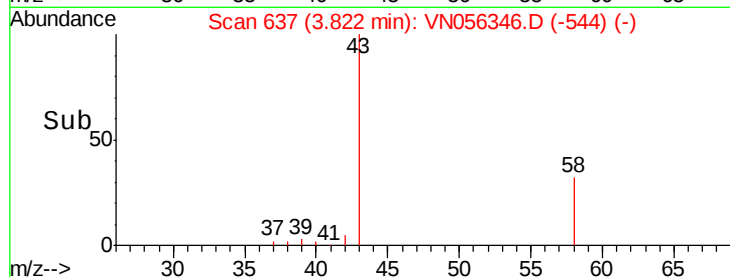
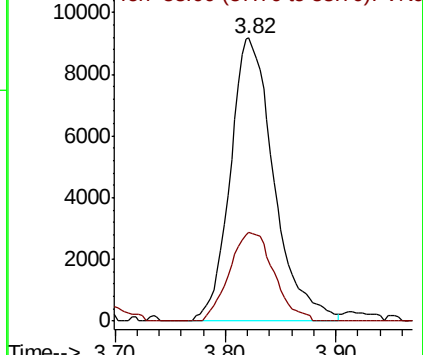
43 100

58 31.3 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 50.025 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Tgt Ion: 84 Resp: 187519

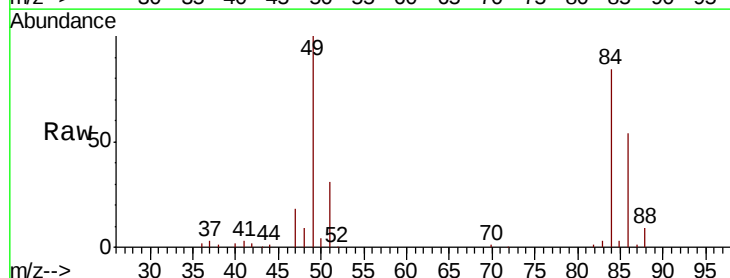
Ion Ratio Lower Upper

84 100

49 118.8 95.0 142.6

51 37.1 28.2 42.4

86 64.1 50.6 75.8

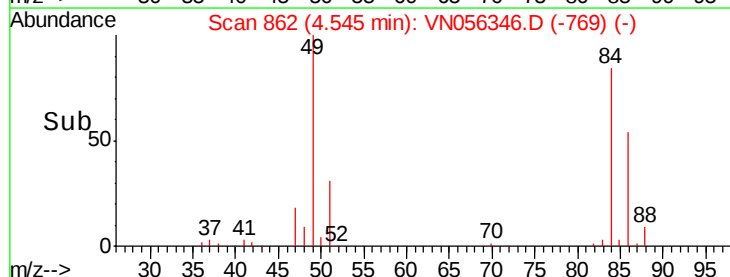
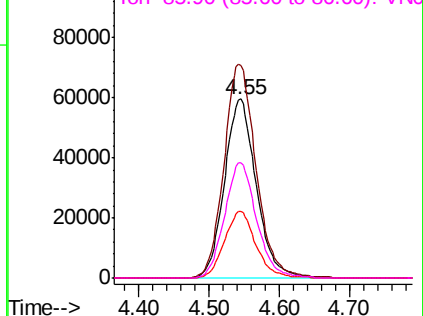


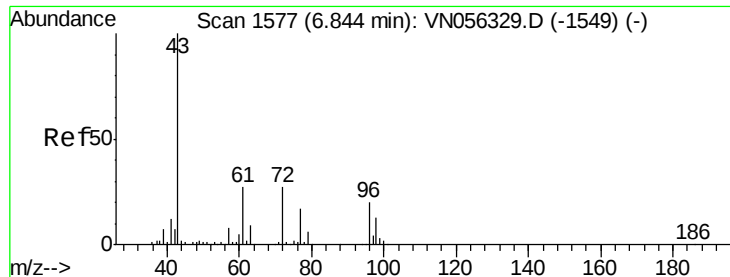
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0





#25

2-Butanone

Concen: 3.622 ug/l

RT: 6.85 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

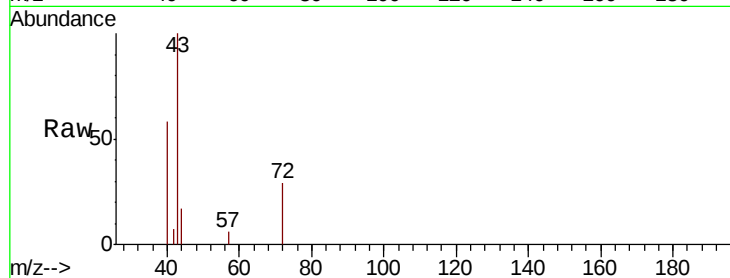
ClientSampleId :

Tot Ion: 43 Resp: 9319

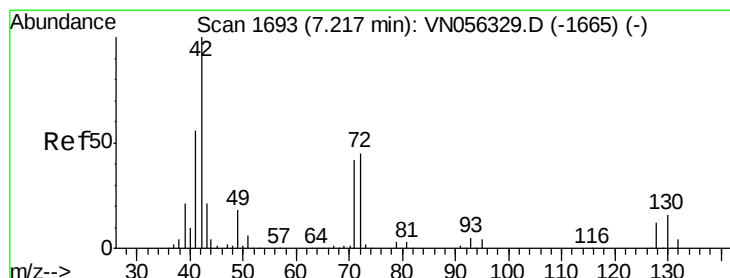
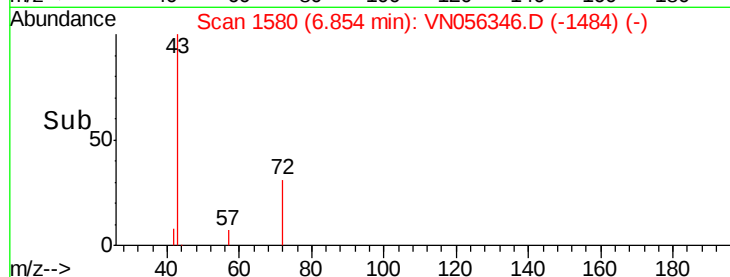
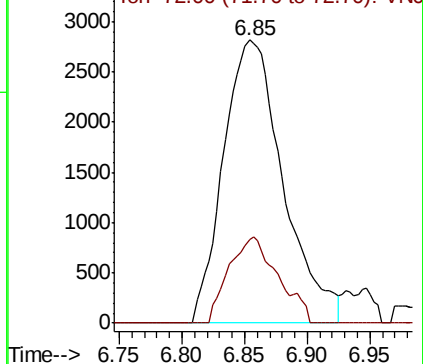
Ion Ratio Lower Upper

43 100

72 29.5 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO



#29

Tetrahydrofuran

Concen: 0.792 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

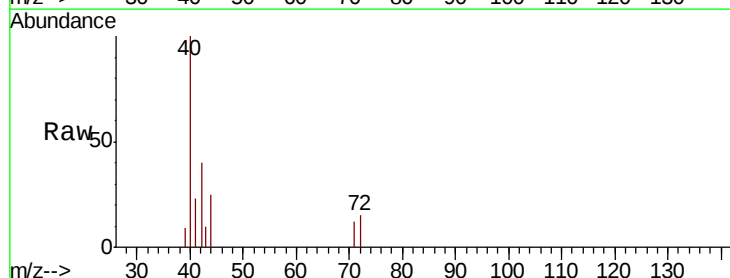
Tgt Ion: 42 Resp: 1211

Ion Ratio Lower Upper

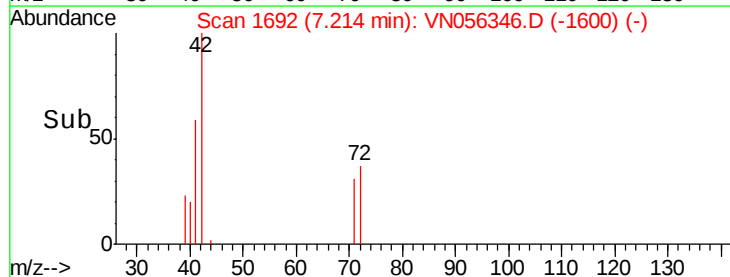
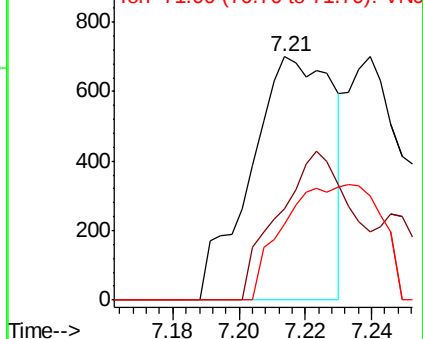
42 100

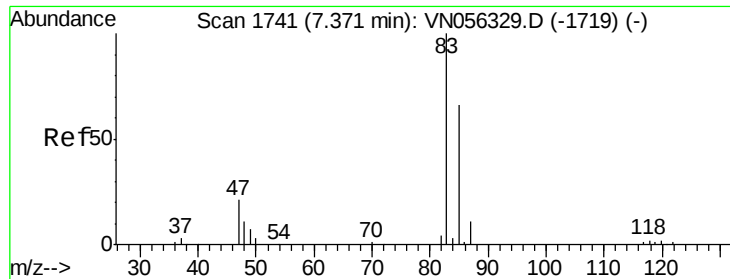
72 54.3 35.3 52.9#

71 55.6 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VNO
Ion 72.00 (71.70 to 72.70): VNO
Ion 71.00 (70.70 to 71.70): VNO

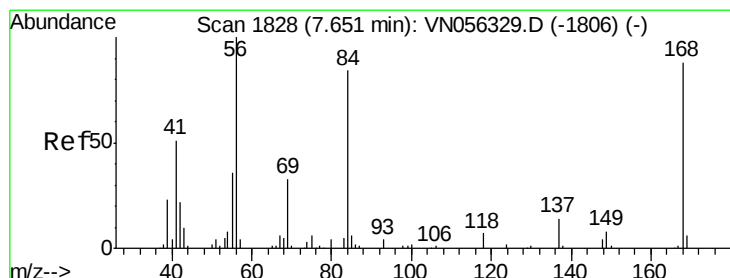
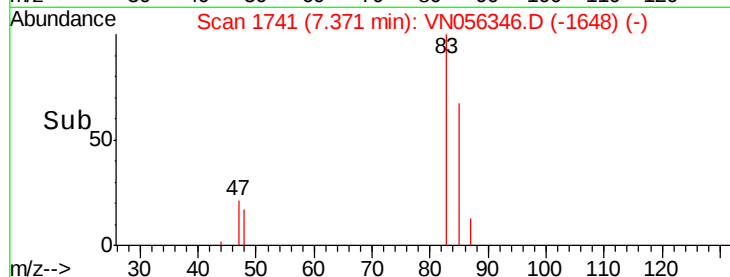
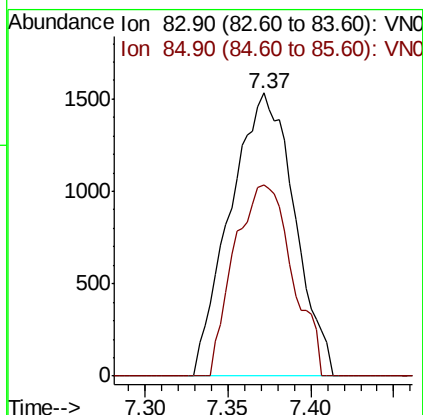
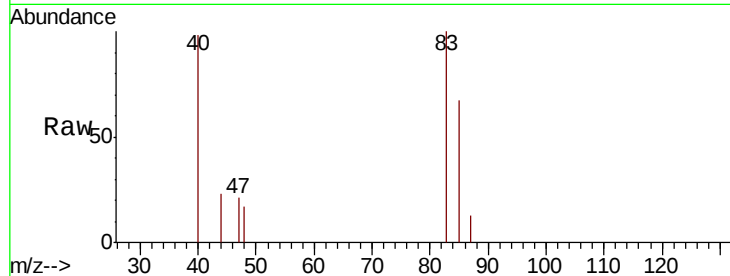




#30
Chloroform
Concen: 0.676 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

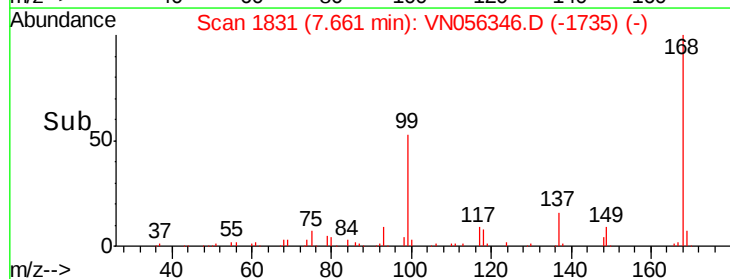
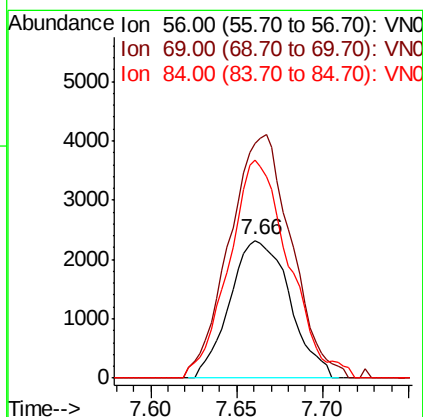
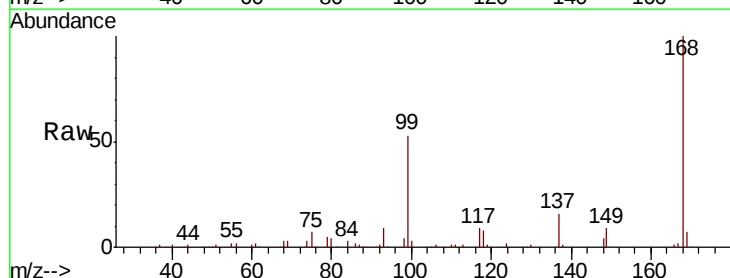
Instrument :
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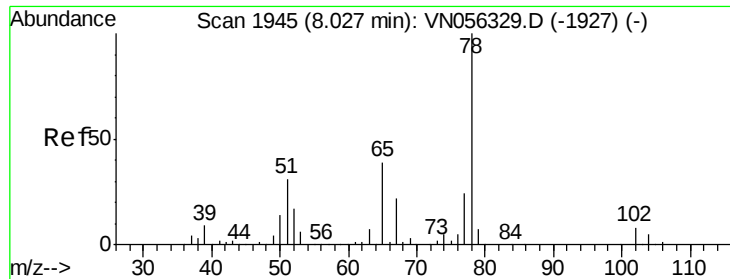
Tot Ion: 83 Resp: 4126
Ion Ratio Lower Upper
83 100
85 67.4 52.6 78.8



#31
Cyclohexane
Concen: 0.946 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

Tgt Ion: 56 Resp: 5601
Ion Ratio Lower Upper
56 100
69 162.8 26.0 39.0#
84 150.6 67.4 101.0#

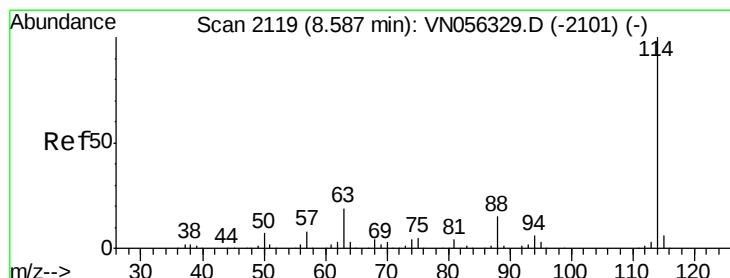
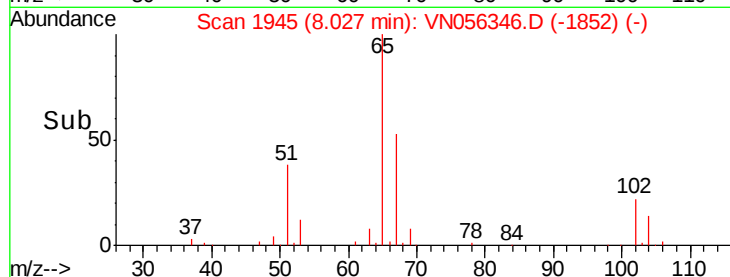
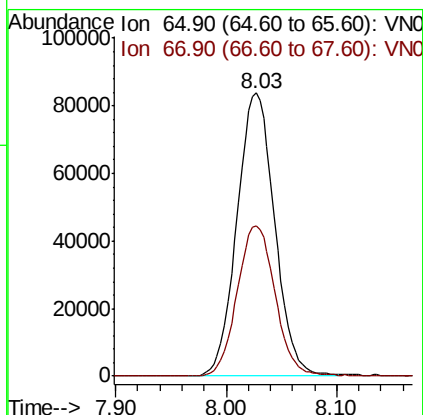
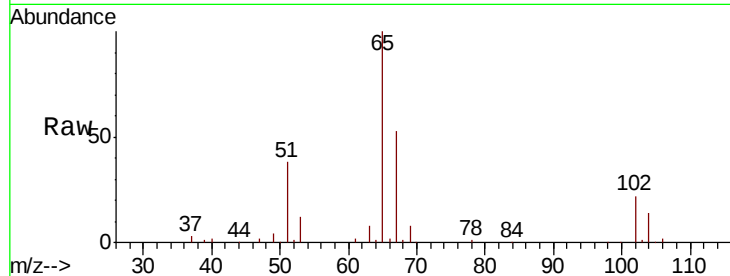




#33
 1,2-Dichloroethane-d4
 Concen: 51.691 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

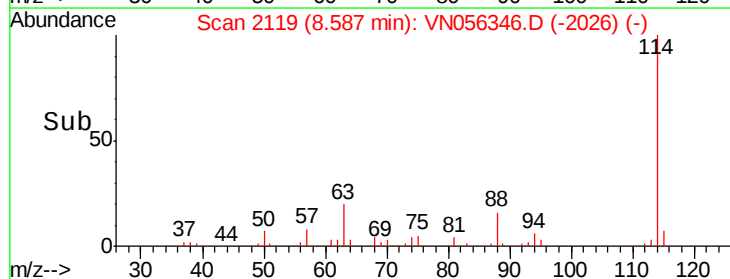
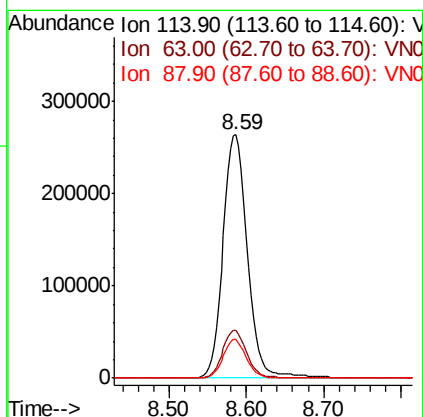
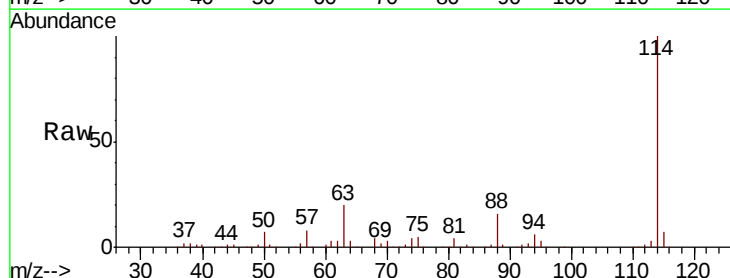
Instrument :
 MSVOA_N
 ClientSampleId :

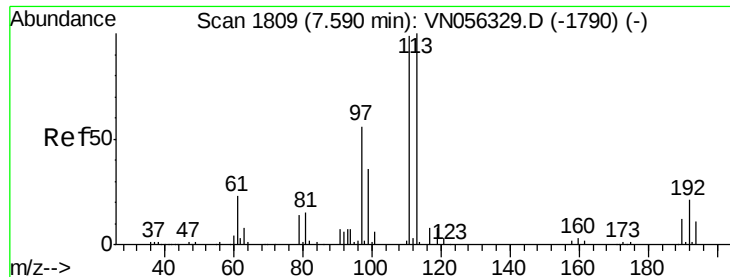
Tot Ion: 65 Resp: 198584
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Tgt Ion: 114 Resp: 578295
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.7 0.0 30.6

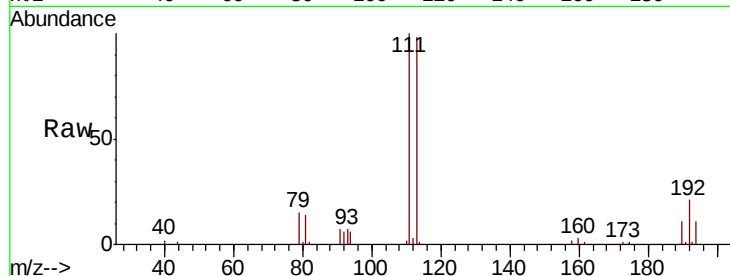




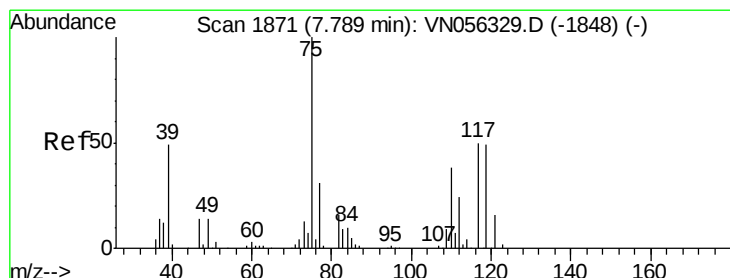
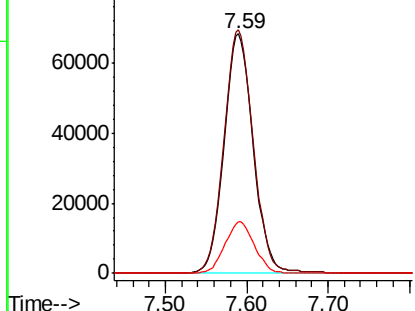
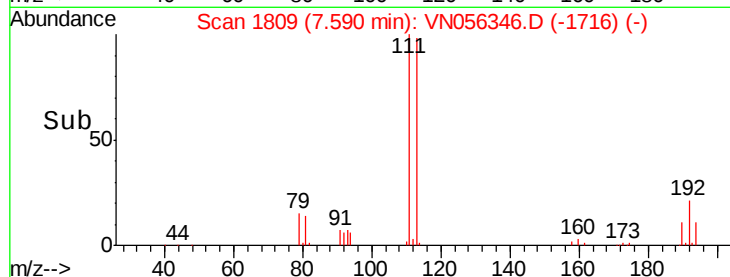
#35
 Dibromofluoromethane
 Concen: 46.252 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 171526
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.1 123.1
 192 21.7 17.6 26.4

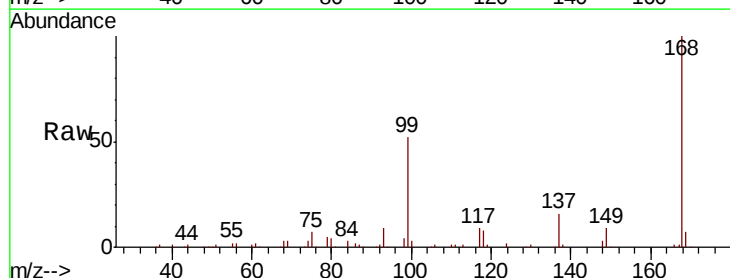


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

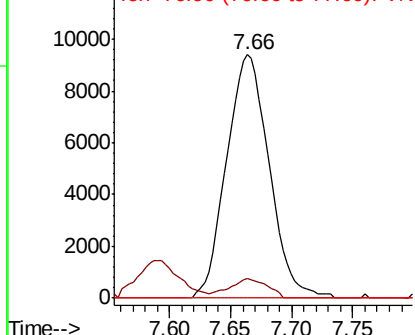
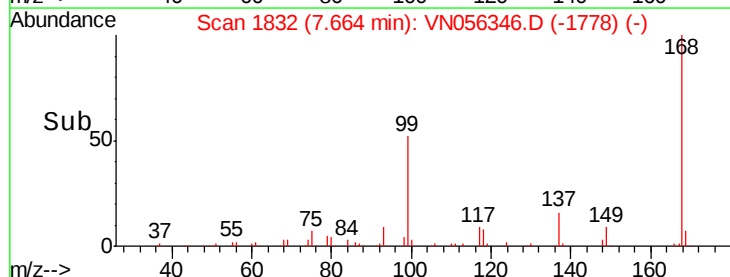


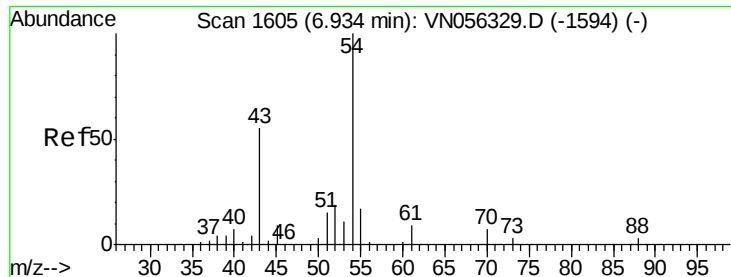
#36
 1,1-Dichloropropene
 Concen: 4.389 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Tgt Ion: 75 Resp: 22840
 Ion Ratio Lower Upper
 75 100
 110 7.1 18.6 56.0#
 77 0.0 25.0 37.6#



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

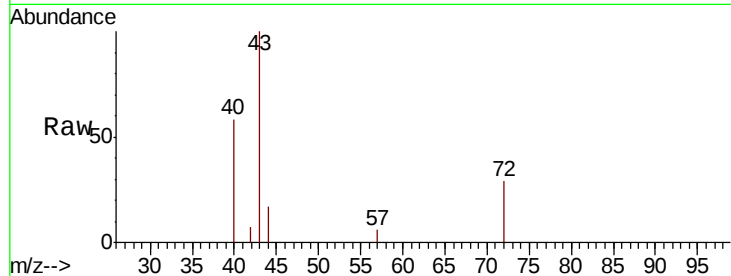




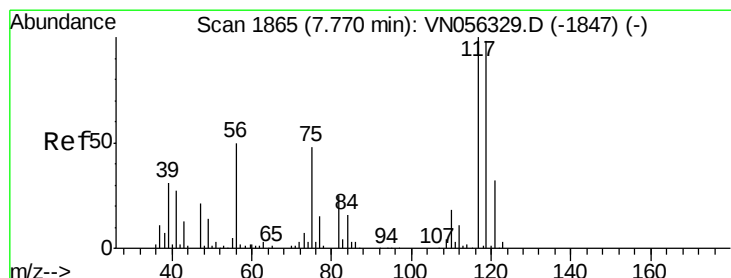
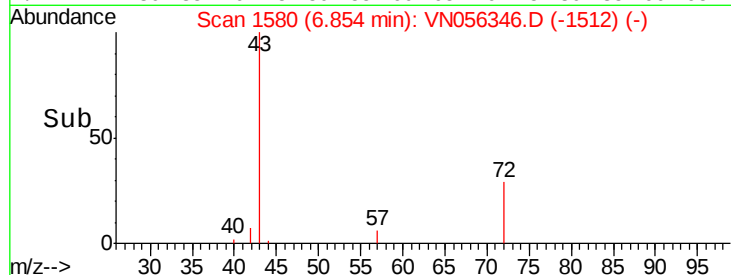
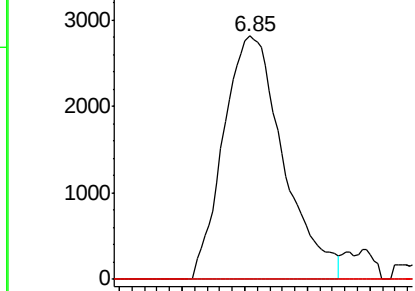
#37
Ethyl Acetate
Concen: 1.890 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. -0.08 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 9319
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 8.3 12.5#

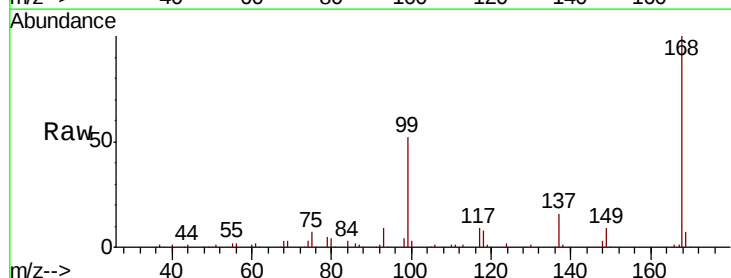


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

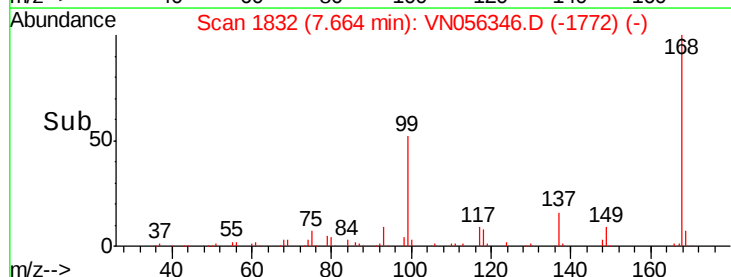
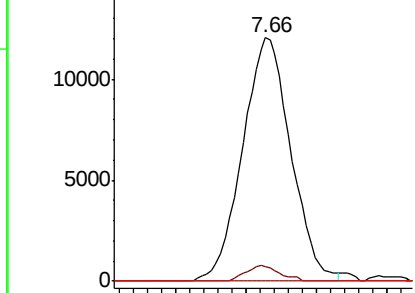


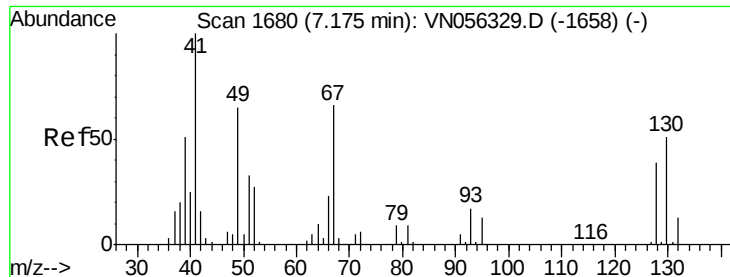
#38
Carbon Tetrachloride
Concen: 5.759 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

Tgt Ion: 117 Resp: 28766
Ion Ratio Lower Upper
117 100
119 6.2 77.8 116.8#
121 0.0 25.3 37.9#



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

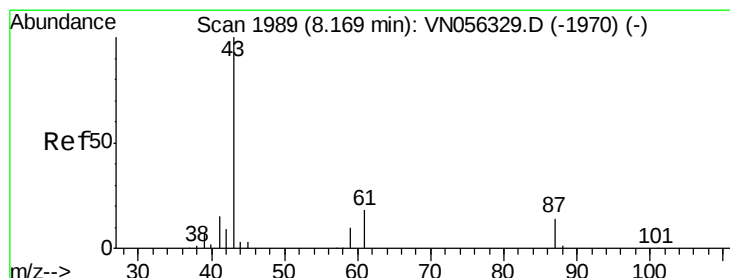
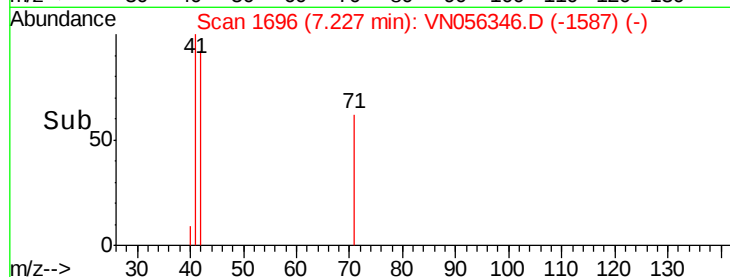
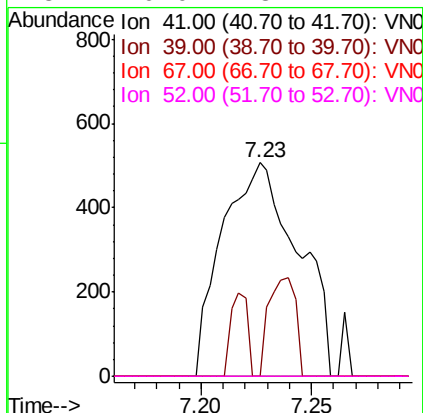
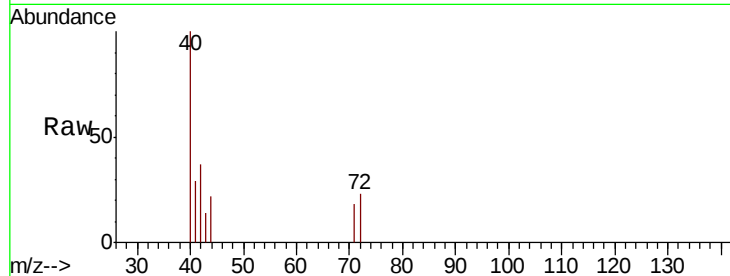




#41
Methacrylonitrile
Concen: 0.531 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.05 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

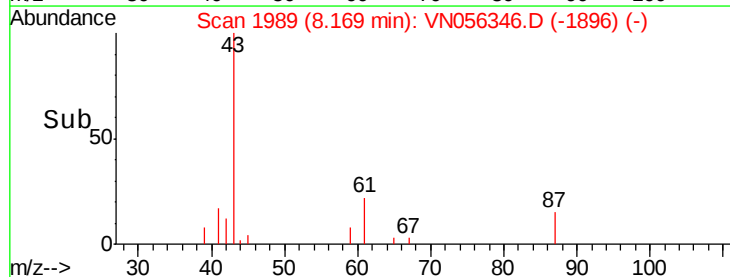
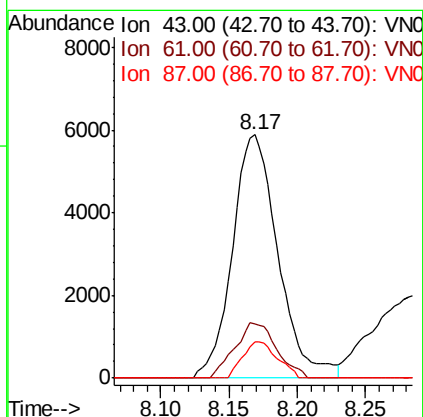
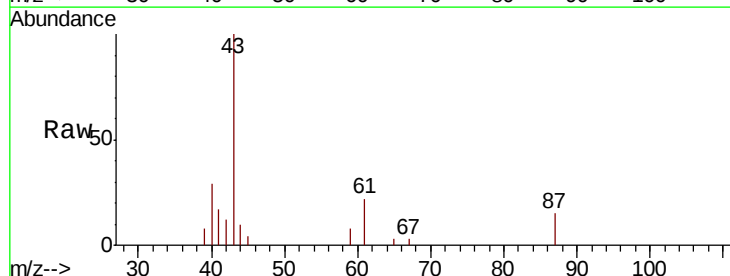
Instrument :
MSVOA_N
ClientSampleId :

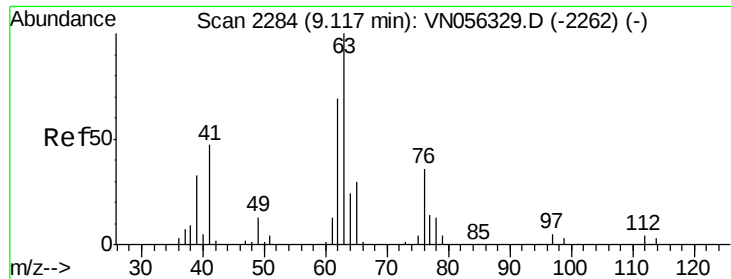
Tot Ion: 41 Resp: 1202
Ion Ratio Lower Upper
41 100
39 8.8 44.5 66.7#
67 0.0 69.0 103.4#
52 0.0 28.1 42.1#



#43
Isopropyl Acetate
Concen: 1.734 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN056346.D
Acq: 17 Jun 2019 17:33

Tgt Ion: 43 Resp: 13682
Ion Ratio Lower Upper
43 100
61 20.6 16.6 25.0
87 11.2 11.0 16.4

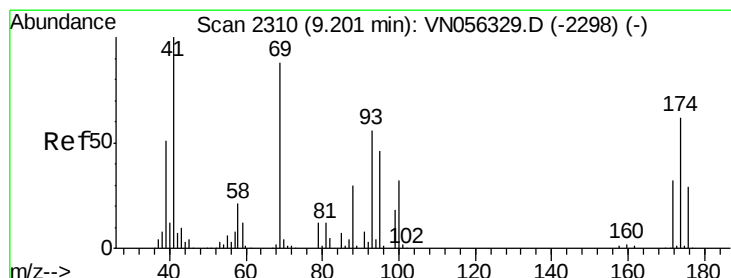
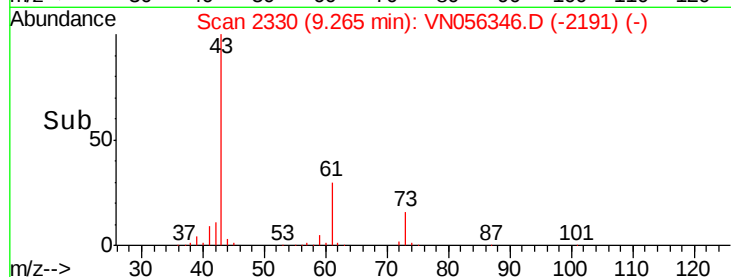
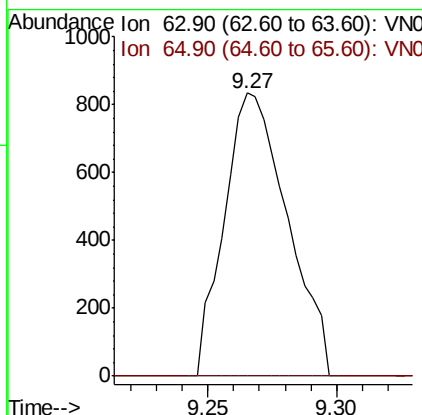
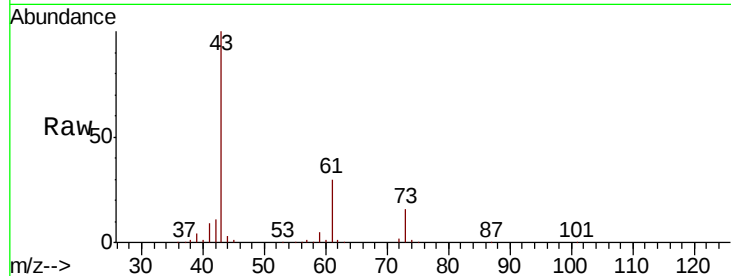




#45
 1,2-Dichloropropane
 Concen: 0.341 ug/l
 RT: 9.27 min Scan# 2330
 Delta R.T. 0.15 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

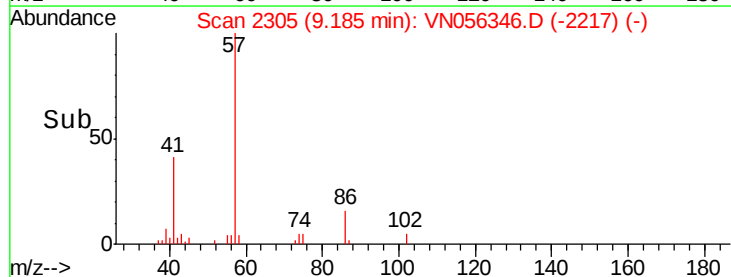
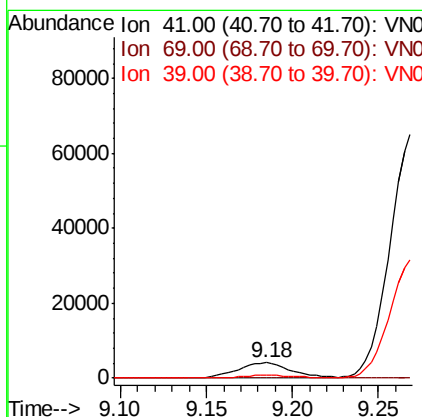
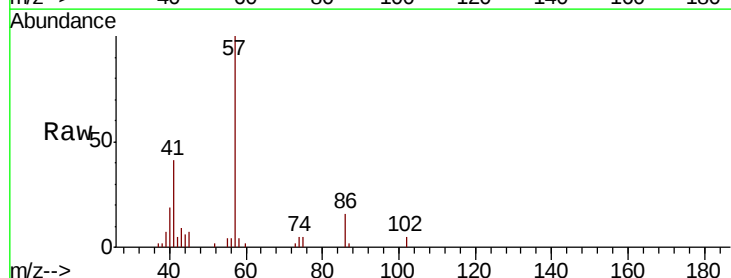
Instrument :
 MSVOA_N
 ClientSampleId :

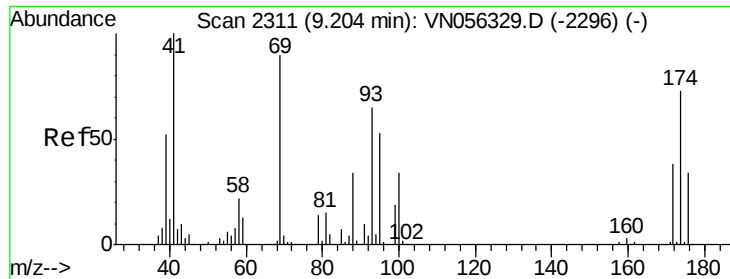
Tot Ion: 63 Resp: 1424
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.4 36.6#



#48
 Methyl methacrylate
 Concen: 2.234 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.02 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Tgt Ion: 41 Resp: 8893
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 41.7 62.5#





#49

1,4-Dioxane

Concen: 1.432 ug/l

RT: 9.27 min Scan# 2333

Delta R.T. 0.07 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

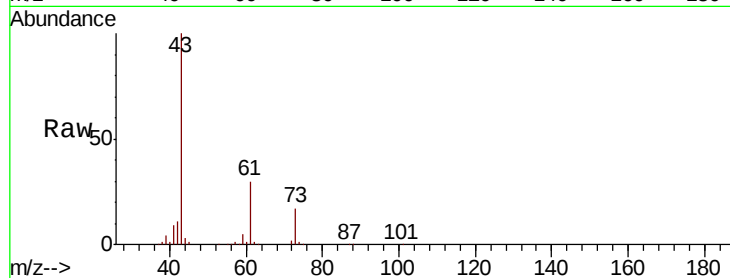
Tot Ion: 88 Resp: 115

Ion Ratio Lower Upper

88 100

43 1164368.7 21.9 32.9#

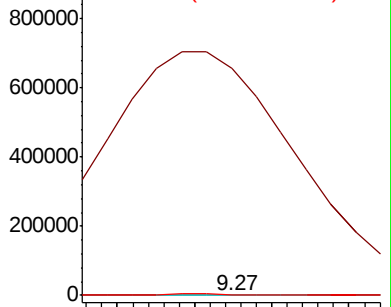
58 5219.1 57.3 85.9#



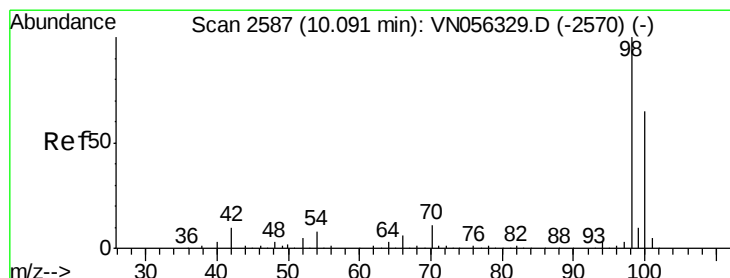
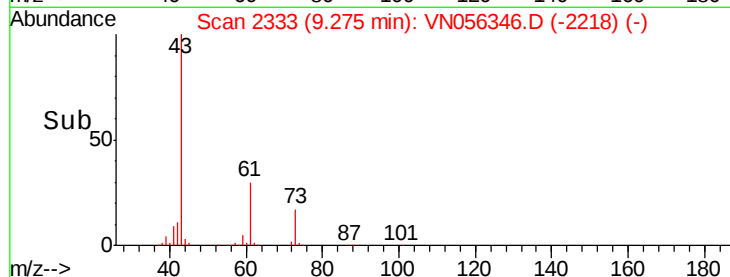
Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.762 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056346.D

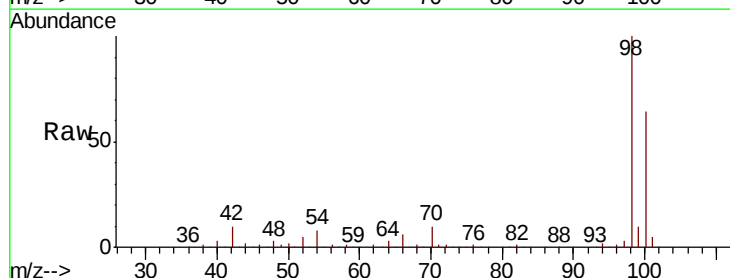
Acq: 17 Jun 2019 17:33

Tgt Ion: 98 Resp: 733327

Ion Ratio Lower Upper

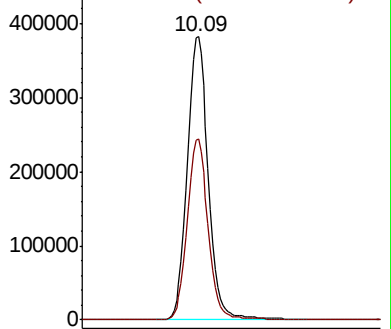
98 100

100 64.0 51.6 77.4

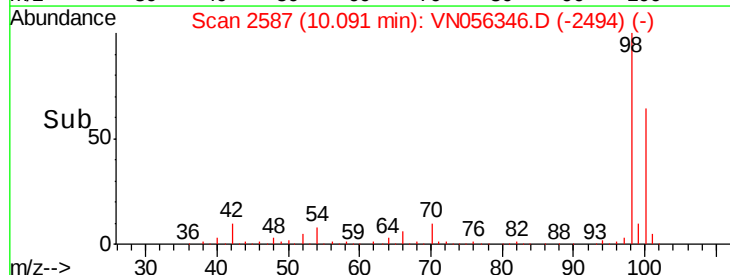


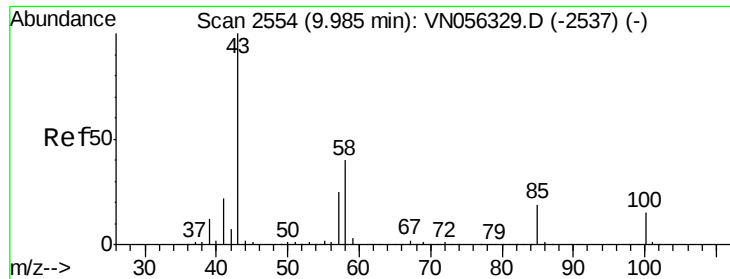
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.856 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

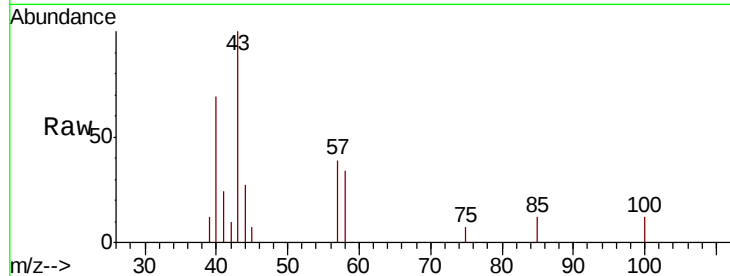
ClientSampleId :

Tot Ion: 43 Resp: 4305

Ion Ratio Lower Upper

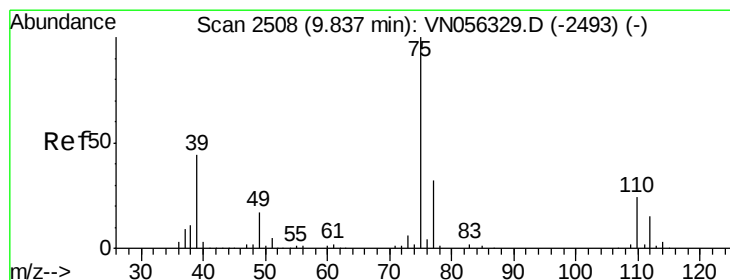
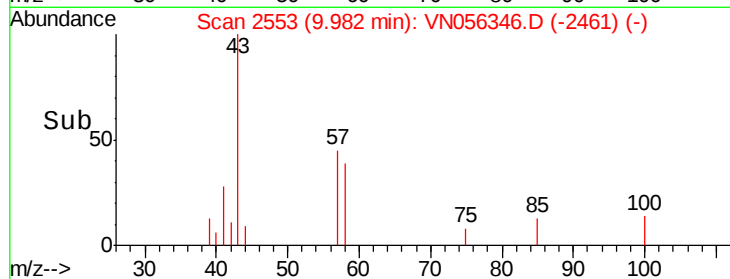
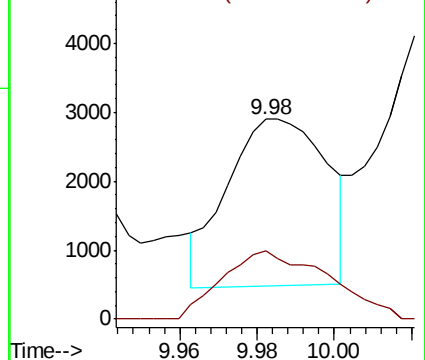
43 100

58 44.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 8.958 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

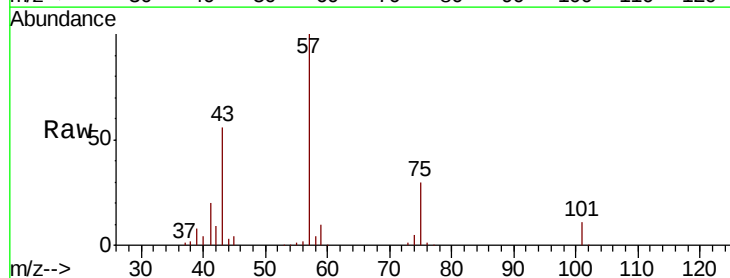
Tgt Ion: 75 Resp: 54342

Ion Ratio Lower Upper

75 100

77 0.6 25.7 38.5#

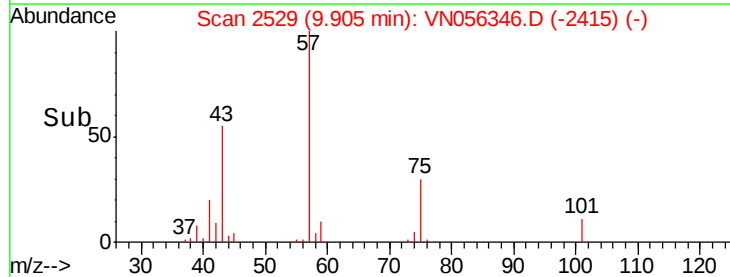
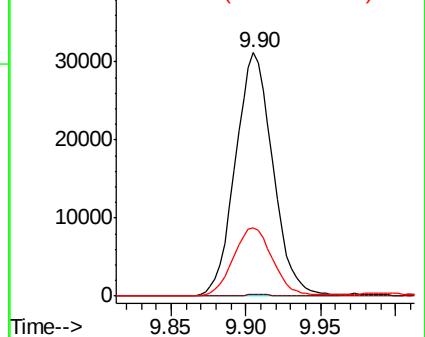
39 28.0 35.4 53.0#

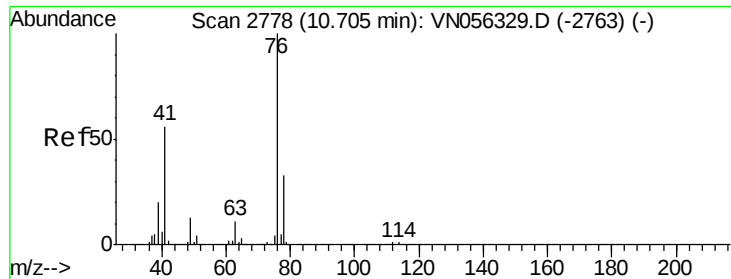


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

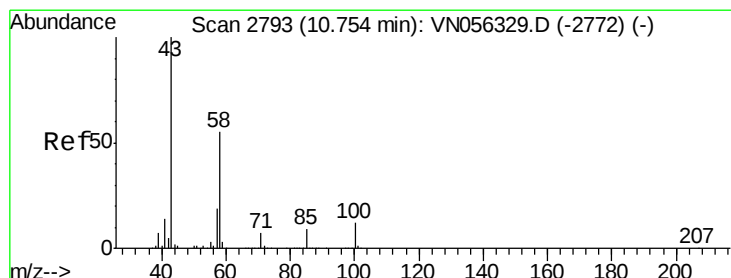
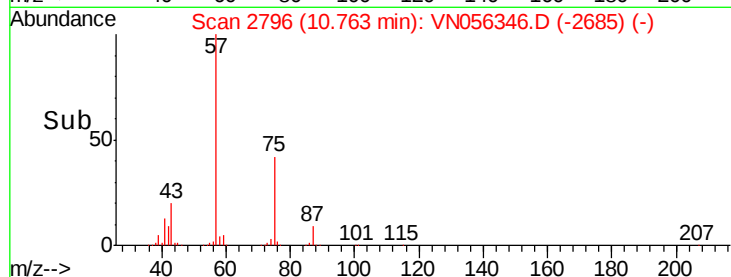
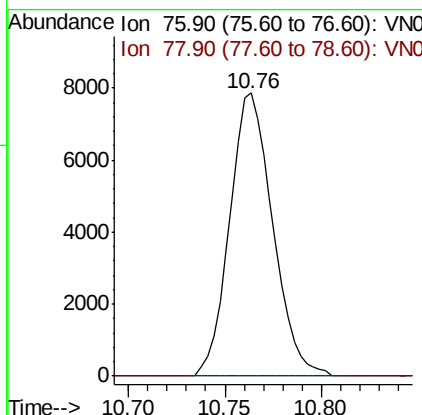
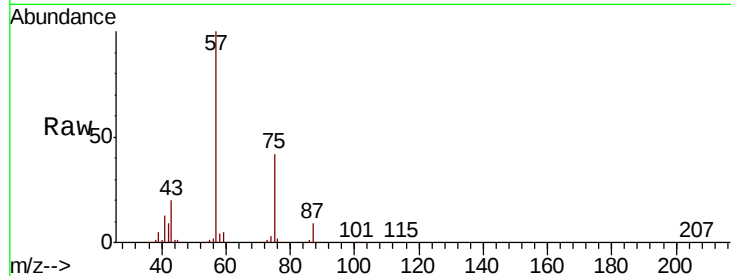




#57
 1,3-Dichloropropane
 Concen: 1.820 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

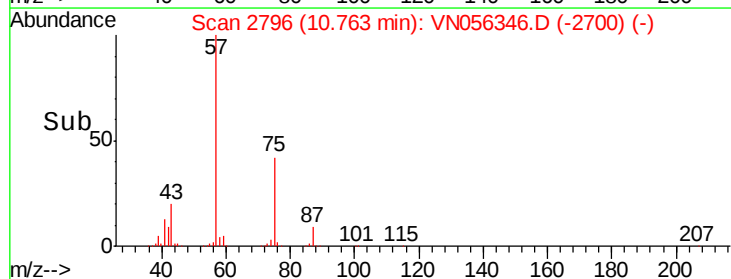
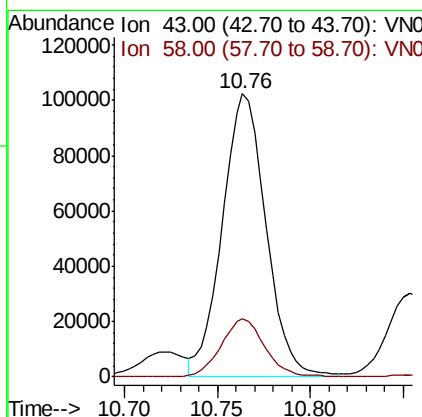
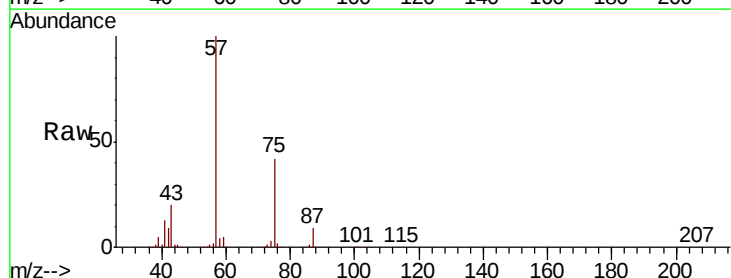
Instrument :
 MSVOA_N
 ClientSampleId :

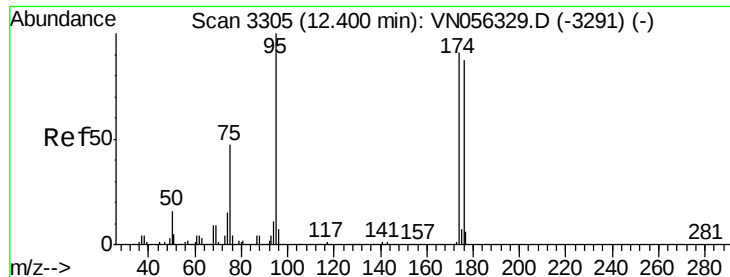
Tot Ion: 76 Resp: 12138
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#



#59
 2-Hexanone
 Concen: 44.589 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Tgt Ion: 43 Resp: 166270
 Ion Ratio Lower Upper
 43 100
 58 20.6 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 51.470 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

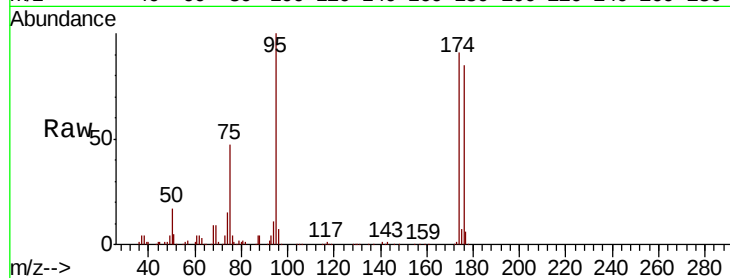
Tot Ion: 95 Resp: 241638

Ion Ratio Lower Upper

95 100

174 91.0 0.0 182.6

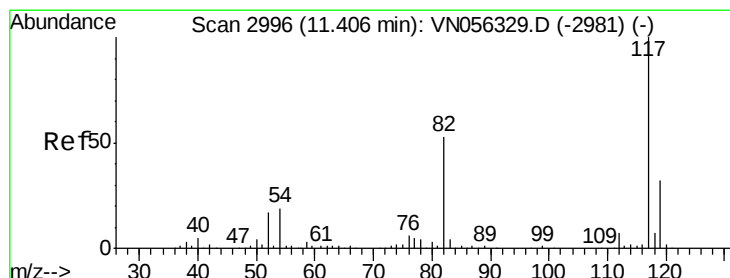
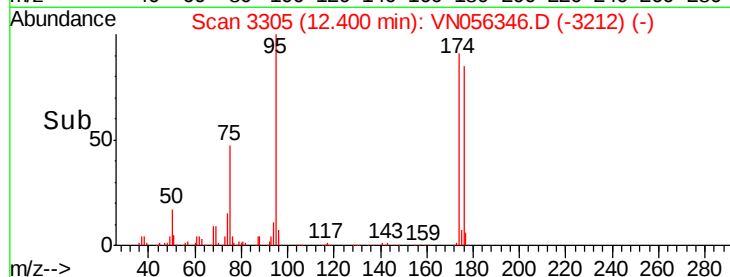
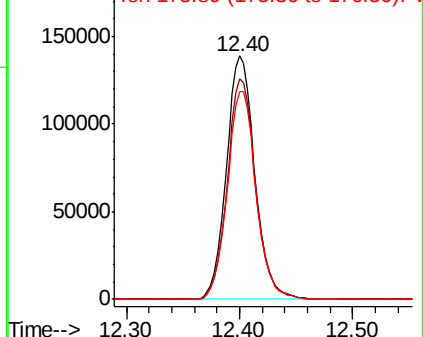
176 86.8 0.0 176.8



Abundance Ion 94.90 (94.60 to 95.60): VN056329.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056329.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056329.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

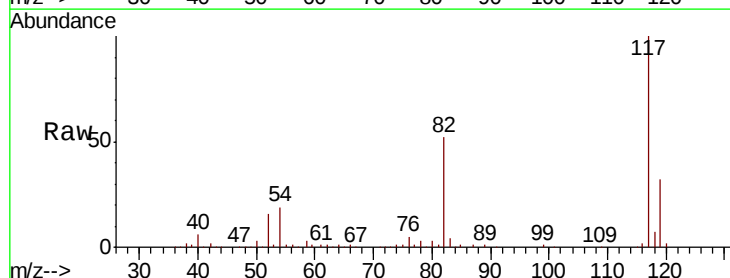
Tgt Ion: 117 Resp: 584074

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

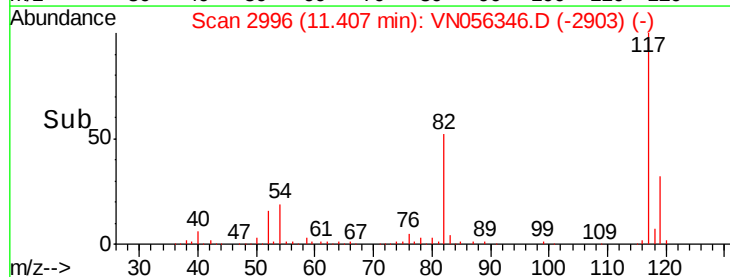
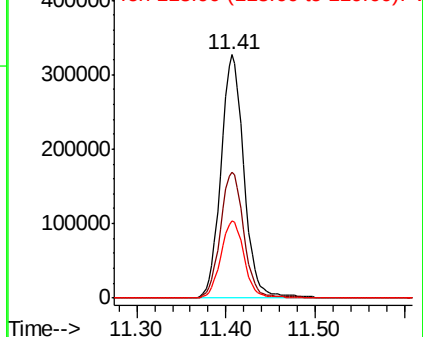
119 31.7 26.0 39.0

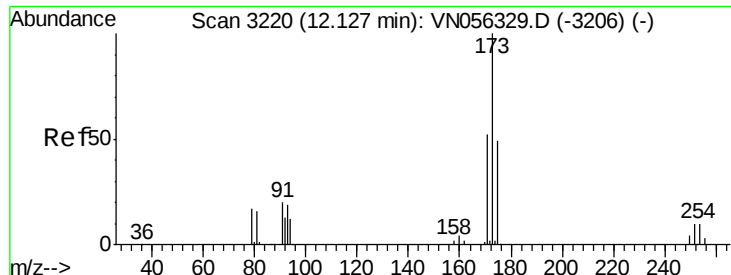


Abundance Ion 116.90 (116.60 to 117.60): VN056329.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056329.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056329.D (-2981) (-)





#71

Bromoform

Concen: 0.546 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

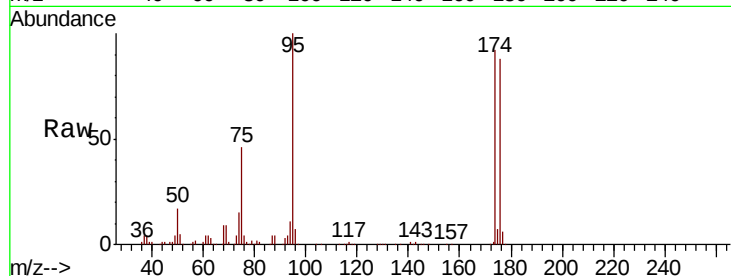
Tot Ion:173 Resp: 1879

Ion Ratio Lower Upper

173 100

175 739.9 24.3 73.0#

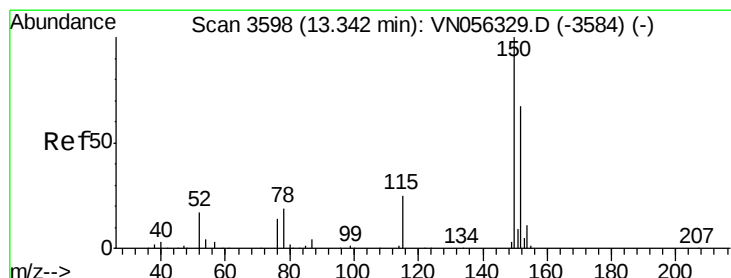
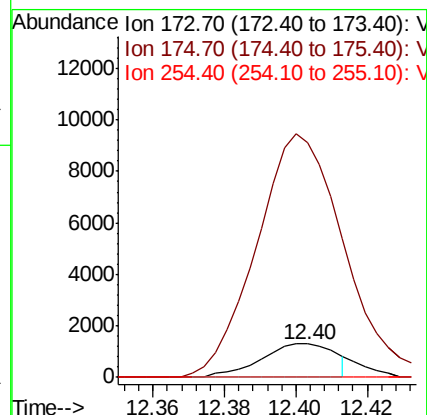
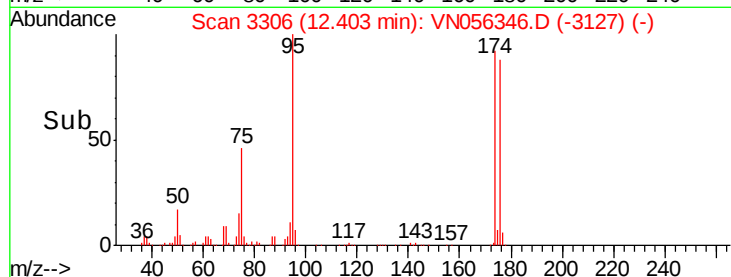
254 0.0 0.0 0.0



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: VN056346.D

Acq: 17 Jun 2019 17:33

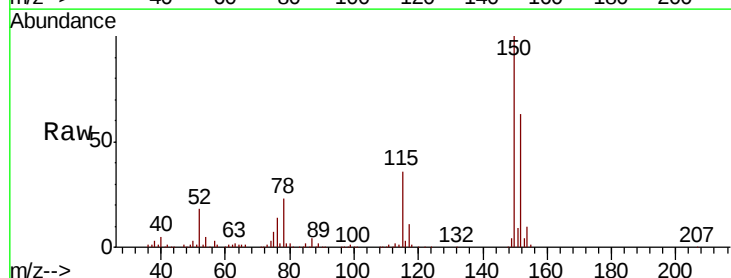
Tgt Ion:152 Resp: 184922

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

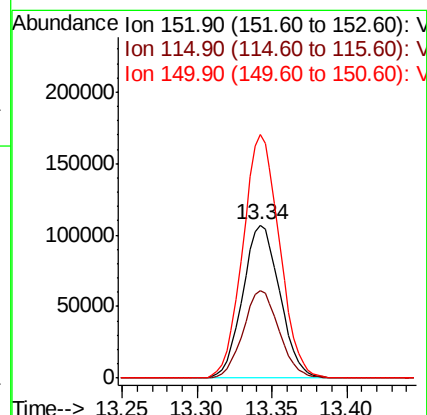
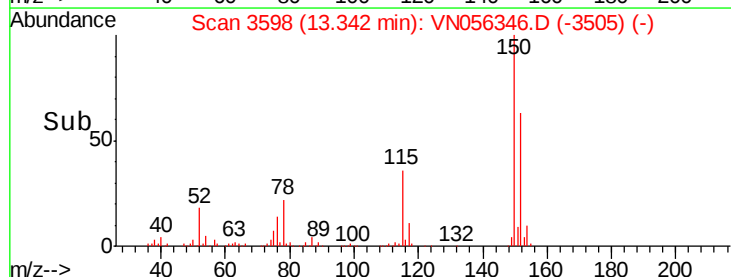
150 156.9 0.0 345.8

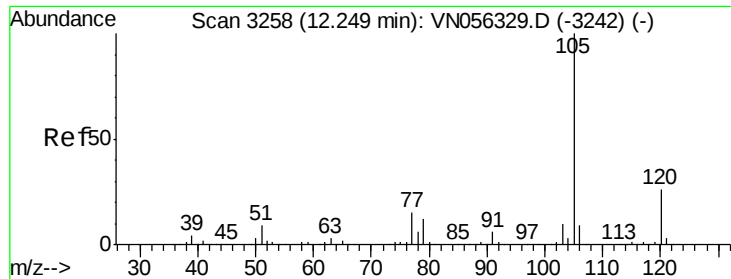


Abundance Ion 151.90 (151.60 to 152.60): V

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: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

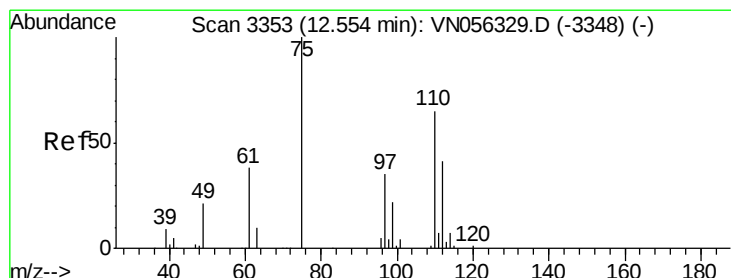
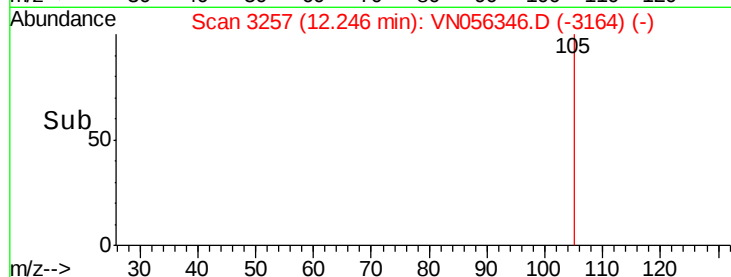
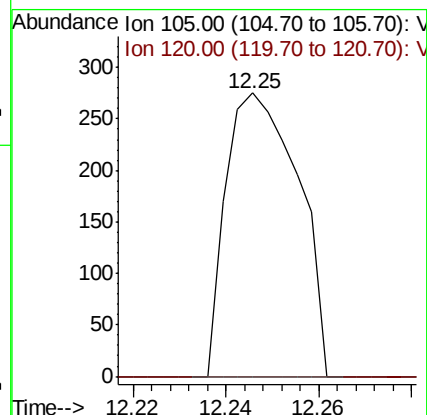
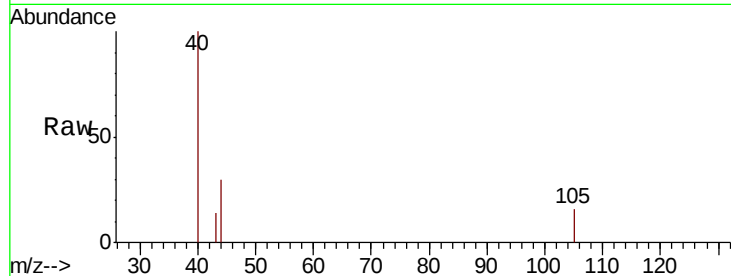
ClientSampleId :

Tot Ion:105 Resp: 298

Ion Ratio Lower Upper

105 100

120 0.0 13.3 39.8#



#76

1,2,3-Trichloropropane

Concen: 28.589 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056346.D

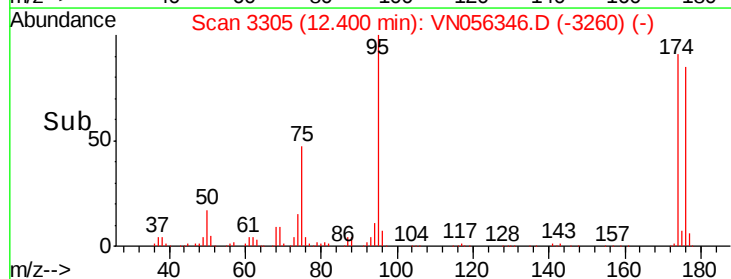
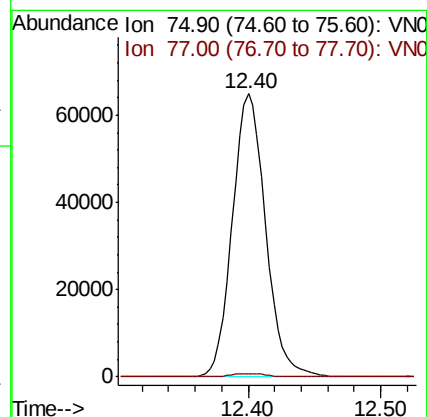
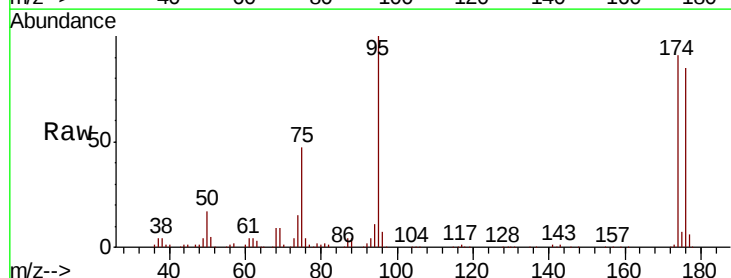
Acq: 17 Jun 2019 17:33

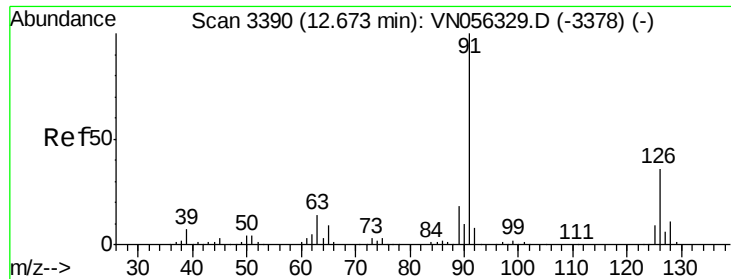
Tgt Ion: 75 Resp: 112954

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.01 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

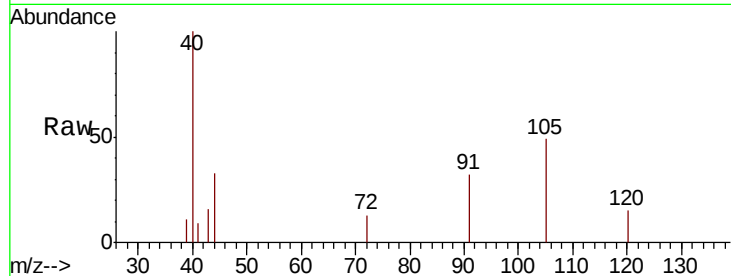
ClientSampleId :

Tot Ion: 91 Resp: 1324

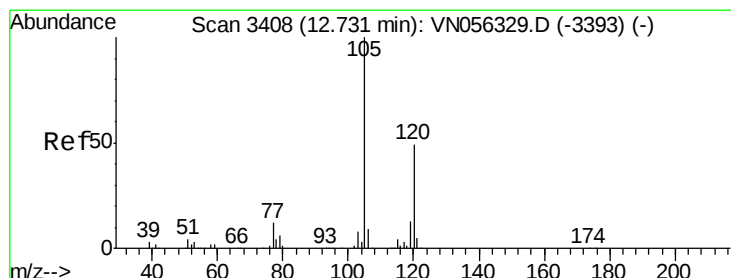
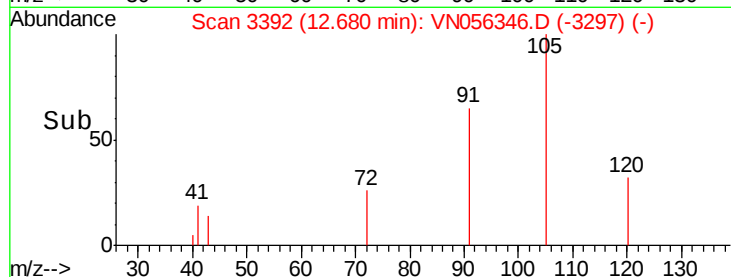
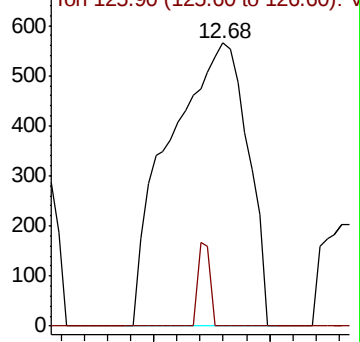
Ion Ratio Lower Upper

91 100

126 4.8 18.0 54.0#



Abundance Ion 91.00 (90.70 to 91.70): VN056329.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.321 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056346.D

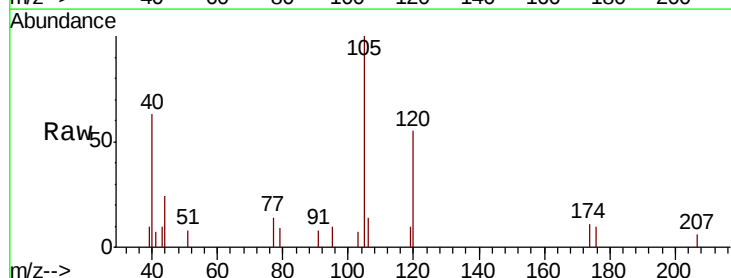
Acq: 17 Jun 2019 17:33

Tgt Ion: 105 Resp: 4138

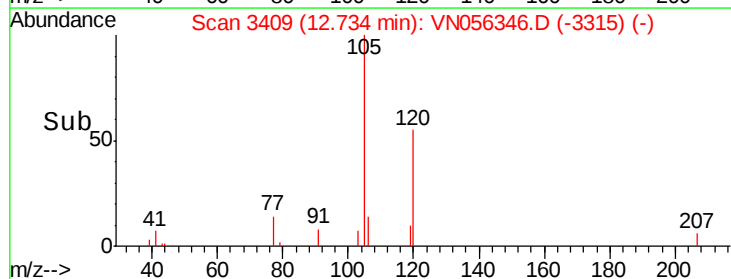
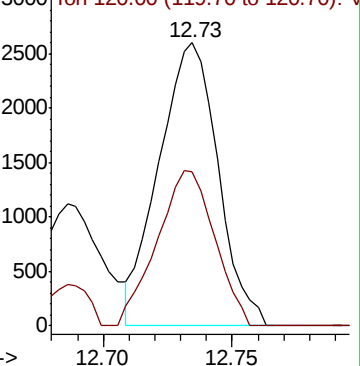
Ion Ratio Lower Upper

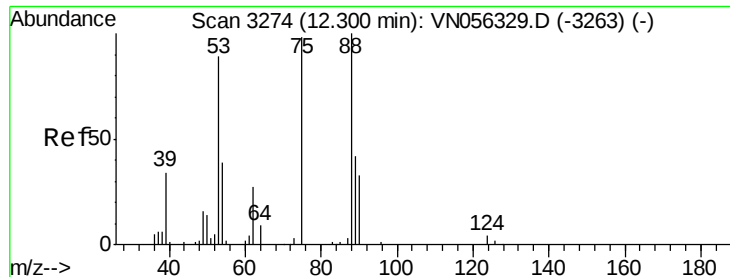
105 100

120 53.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056329.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 88.824 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

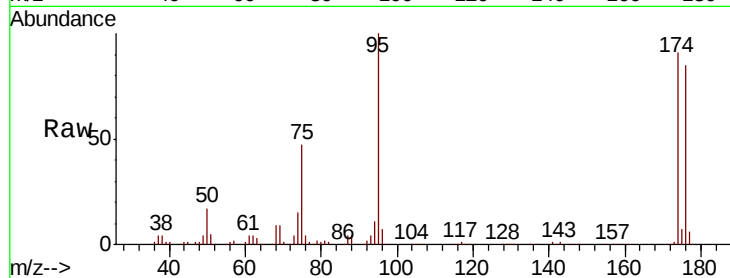
Tot Ion: 75 Resp: 112954

Ion Ratio Lower Upper

75 100

53 0.0 73.5 110.3#

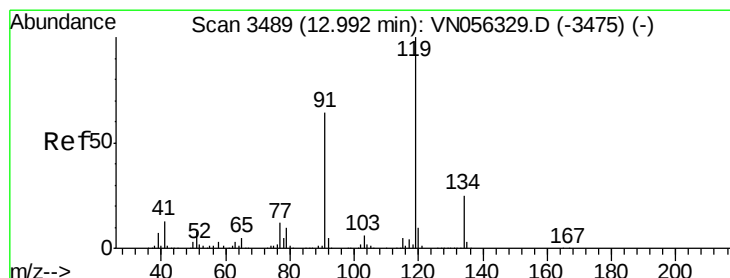
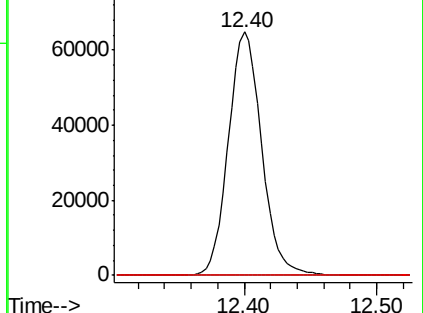
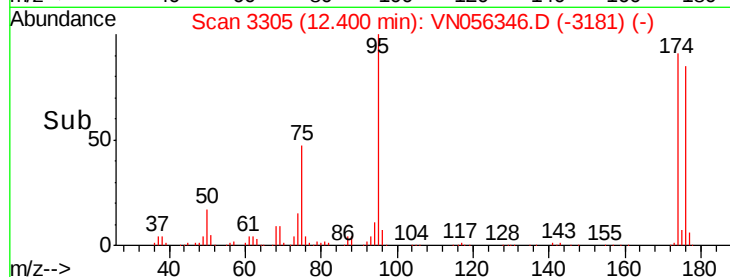
89 0.0 35.4 53.2#



Abundance Ion 74.90 (74.60 to 75.60): VN056346.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056346.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056346.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

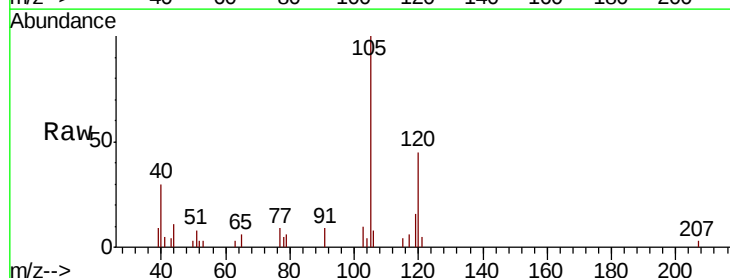
Tgt Ion: 119 Resp: 1140

Ion Ratio Lower Upper

119 100

91 93.3 31.5 94.5

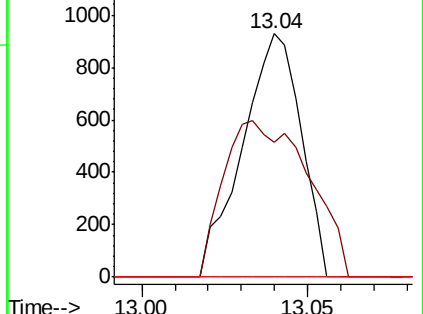
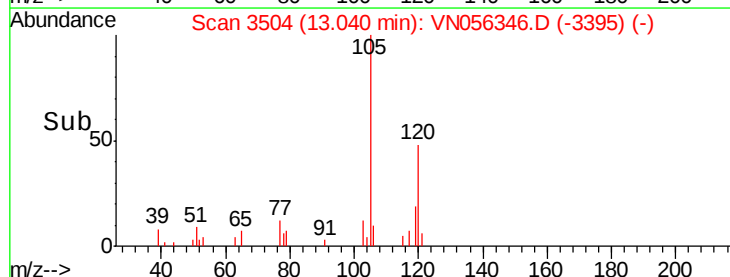
134 0.0 13.6 40.7#

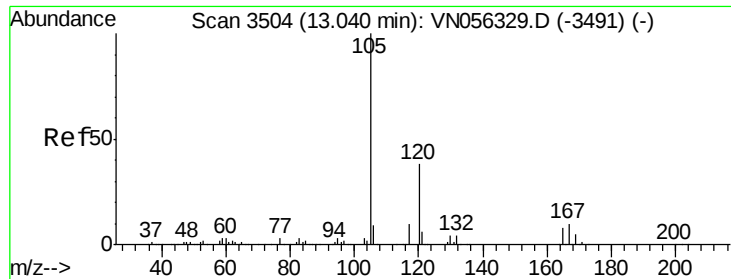


Abundance Ion 119.00 (118.70 to 119.70): VN056346.D (-3395) (-)

Ion 91.00 (90.70 to 91.70): VN056346.D (-3395) (-)

Ion 134.00 (133.70 to 134.70): VN056346.D (-3395) (-)

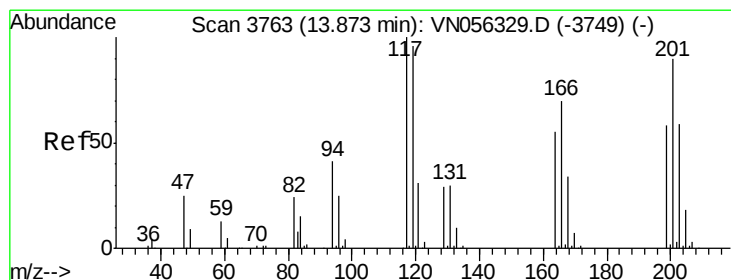
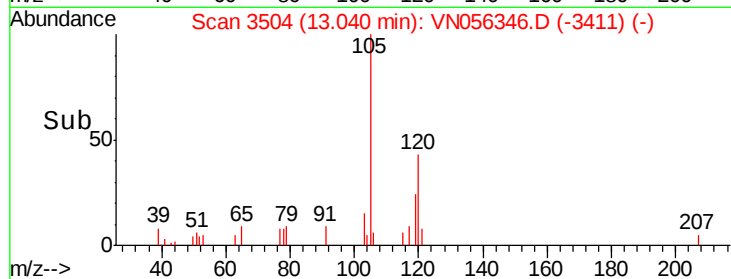
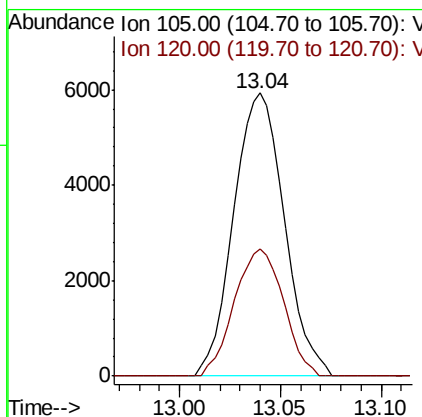
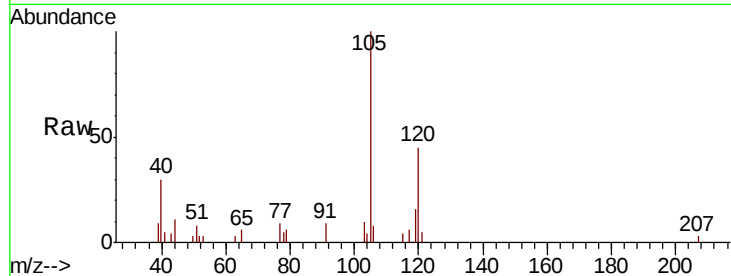




#84
 1,2,4-Trimethylbenzene
 Concen: 0.868 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

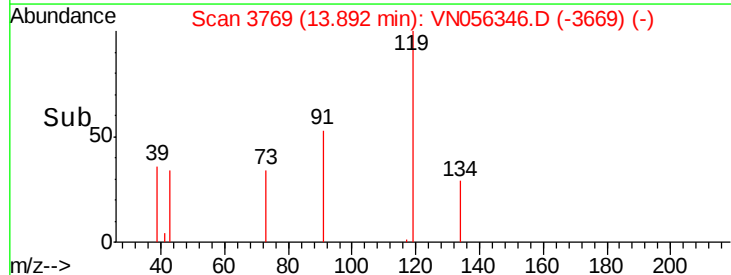
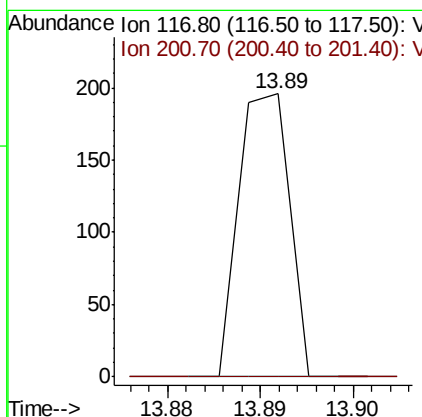
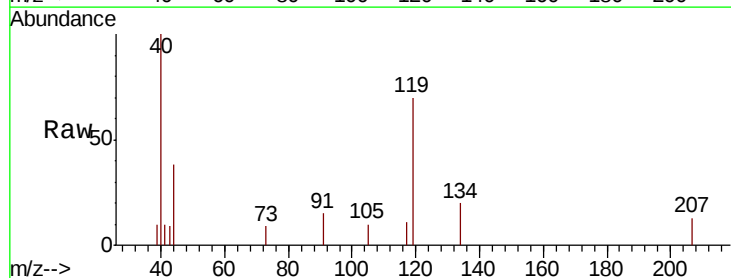
Instrument :
 MSVOA_N
 ClientSampled :

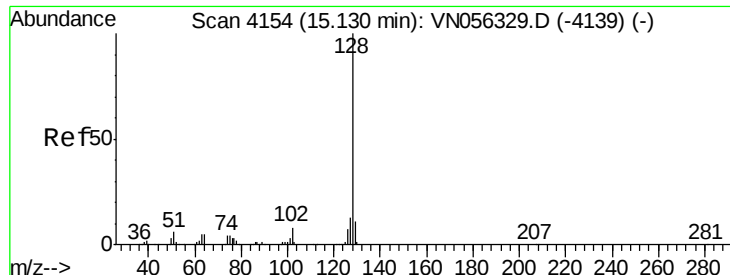
Tot Ion:105 Resp: 10429
 Ion Ratio Lower Upper
 105 100
 120 43.5 23.1 69.2



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.89 min Scan# 3769
 Delta R.T. 0.02 min
 Lab File: VN056346.D
 Acq: 17 Jun 2019 17:33

Tgt Ion:117 Resp: 74
 Ion Ratio Lower Upper
 117 100
 201 0.0 45.8 137.3#





#95

Naphthalene

Concen: 5.700 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

Instrument :

MSVOA_N

ClientSampleId :

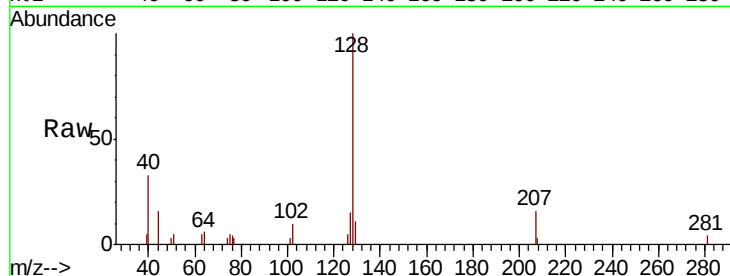
Tot Ion:128 Resp: 9699

Ion Ratio Lower Upper

128 100

127 12.4 10.6 15.8

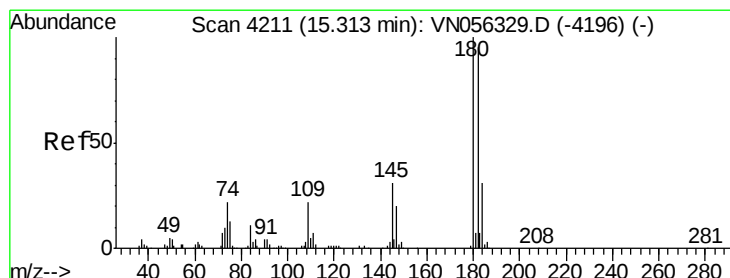
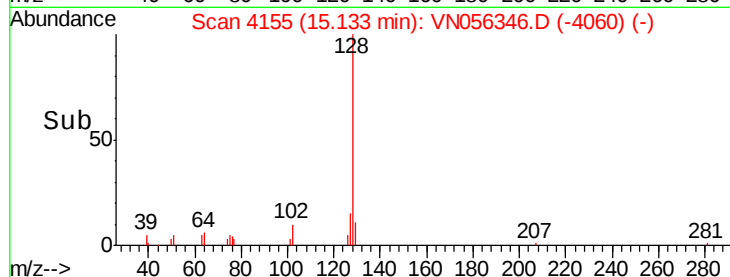
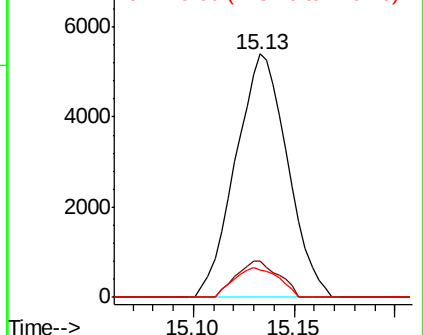
129 10.5 8.6 12.8



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: 3.820 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056346.D

Acq: 17 Jun 2019 17:33

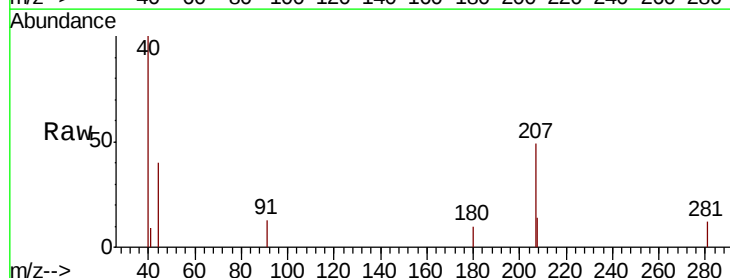
Tgt Ion:180 Resp: 62

Ion Ratio Lower Upper

180 100

182 46.8 47.1 141.4#

145 0.0 14.9 44.9#



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

