

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056435.D
 Acq On : 21 Jun 2019 18:47
 Operator : JC/SP
 Sample : K3158-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-062019

Quant Time: Jun 22 01:48:47 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	381707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	647777	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	627938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	190396	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	216909	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.59	113	187012	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
50) Toluene-d8	10.09	98	798351	50.77	ug/l	0.00
Spiked Amount			Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	258457	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	

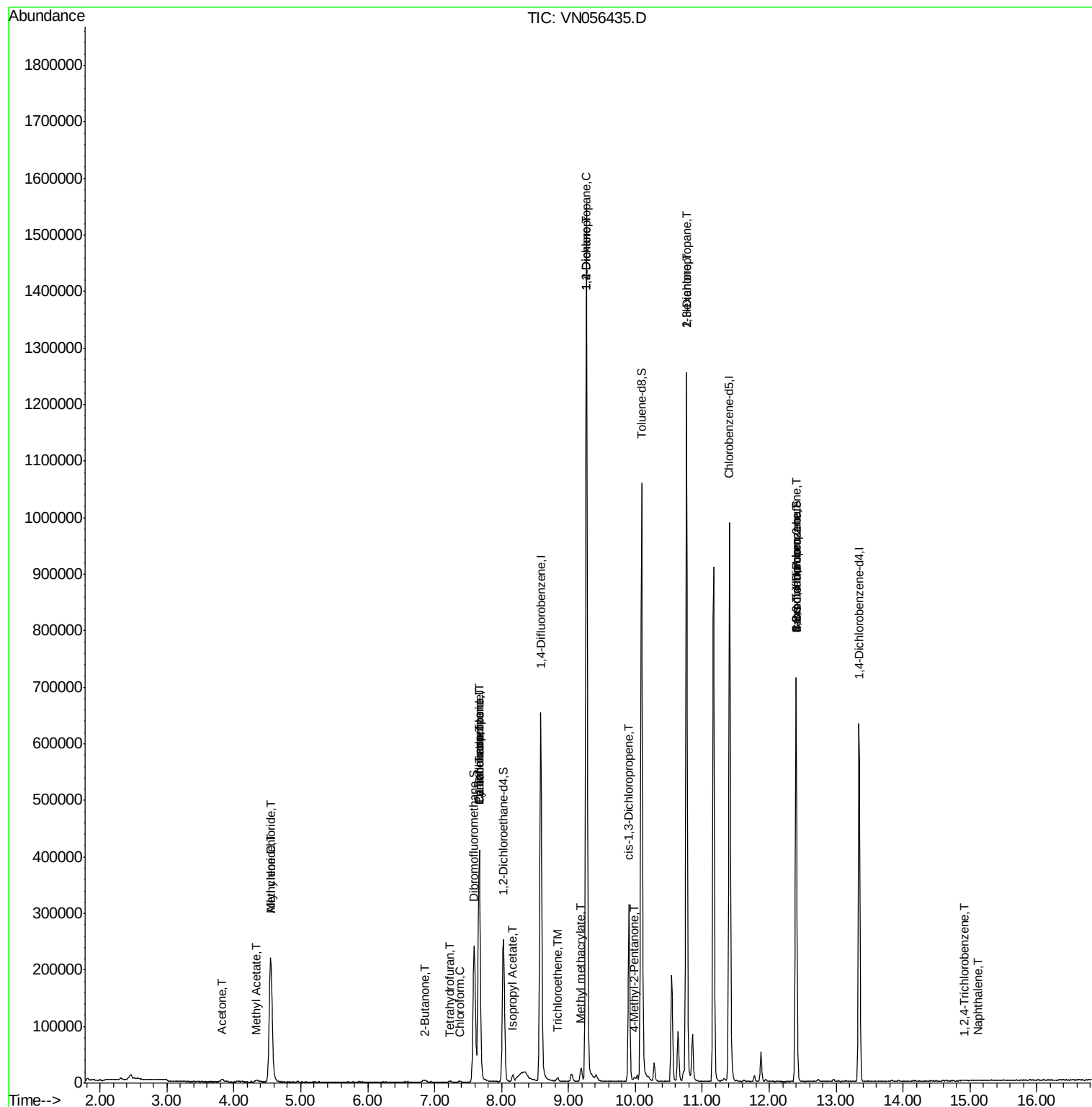
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	6474	1.153	ug/l #	28
16) Acetone	3.82	43	9358	4.415	ug/l	99
18) Methyl Acetate	4.33	43	6381	0.681	ug/l #	90
20) Methylene Chloride	4.55	84	176359	44.032	ug/l	98
25) 2-Butanone	6.86	43	3082	1.099	ug/l #	83
29) Tetrahydrofuran	7.22	42	1222	0.713	ug/l #	49
30) Chloroform	7.38	83	1371	0.205	ug/l	95
31) Cyclohexane	7.67	56	6216	0.952	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	23962	4.203	ug/l #	48
38) Carbon Tetrachloride	7.66	117	32068	6.432	ug/l #	15
43) Isopropyl Acetate	8.17	43	15004	1.737	ug/l #	91
44) Trichloroethene	8.83	130	2896	0.613	ug/l	95
45) 1,2-Dichloropropane	9.27	63	1993	0.425	ug/l #	43
48) Methyl methacrylate	9.18	41	8789	2.030	ug/l #	12
49) 1,4-Dioxane	9.27	88	58	0.646	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4948	0.887	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	60259	9.615	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	13239	1.828	ug/l #	42
59) 2-Hexanone	10.76	43	179835	43.877	ug/l #	51
71) Bromoform	12.41	173	1880	3.655	ug/l #	1
73) Isopropylbenzene	12.26	105	72	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	119643	30.306	ug/l #	100
79) 2-Chlorotoluene	12.67	91	102	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	1698	Below Cal		89
81) trans-1,4-Dichloro-2-buten	12.40	75	119643	107.710	ug/l #	8
93) 1,2,4-Trichlorobenzene	14.91	180	149	5.654	ug/l #	13
95) Naphthalene	15.13	128	1338	5.382	ug/l #	70

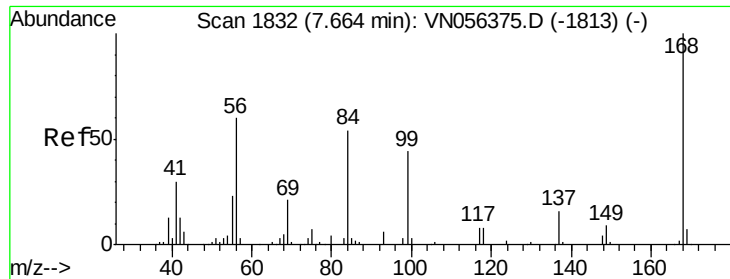
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 21 03:45:40 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: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

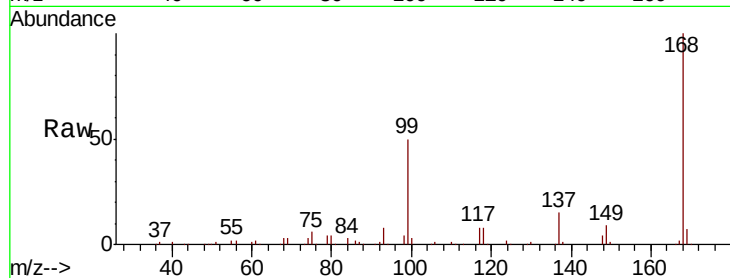
OK-03-062019

Tot Ion:168 Resp: 381707

Ion Ratio Lower Upper

168 100

99 49.7 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

150000

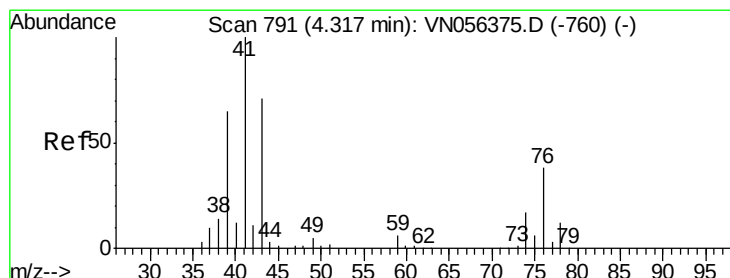
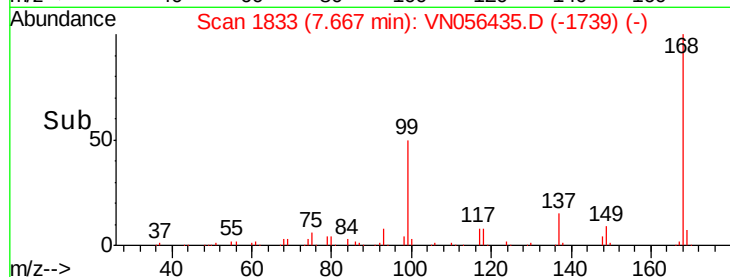
100000

50000

0

Time-->

7.60 7.70 7.80



#14

Allyl chloride

Concen: 1.153 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.24 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

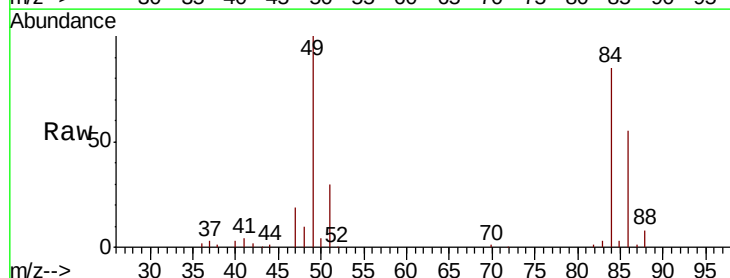
Tgt Ion: 41 Resp: 6474

Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

76 0.0 26.6 40.0#



Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN

4.55

3000

2500

2000

1500

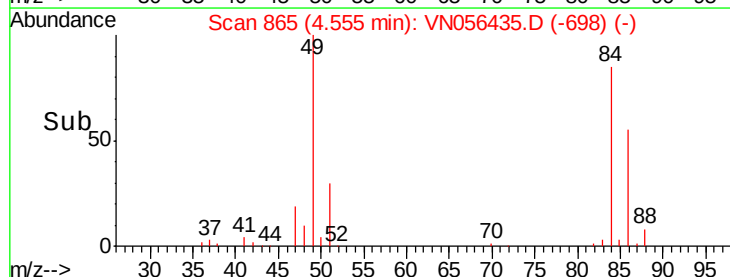
1000

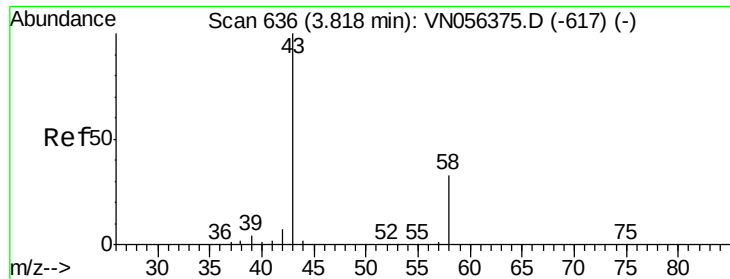
500

0

Time-->

4.45 4.50 4.55 4.60





#16

Acetone

Concen: 4.415 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

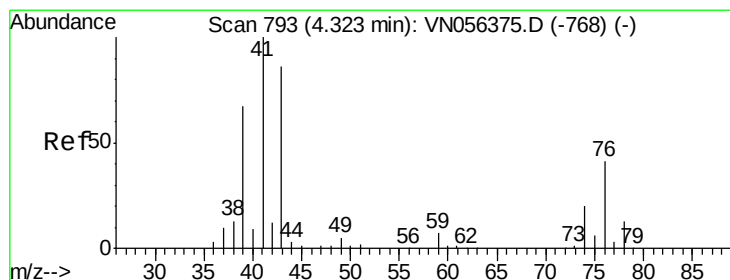
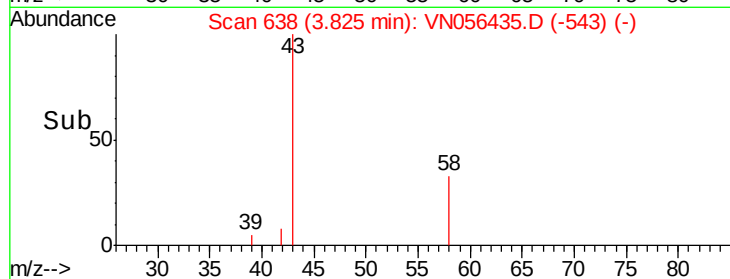
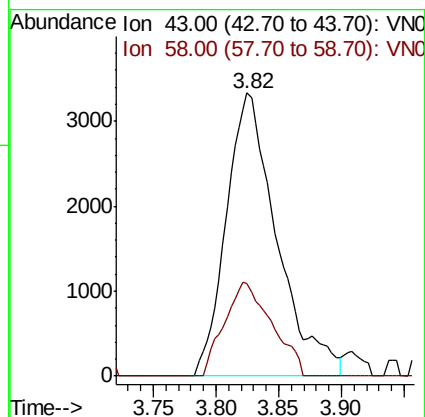
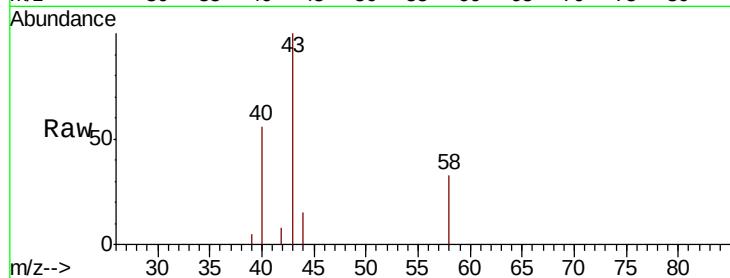
OK-03-062019

Tot Ion: 43 Resp: 9358

Ion Ratio Lower Upper

43 100

58 32.7 26.4 39.6



#18

Methyl Acetate

Concen: 0.681 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056435.D

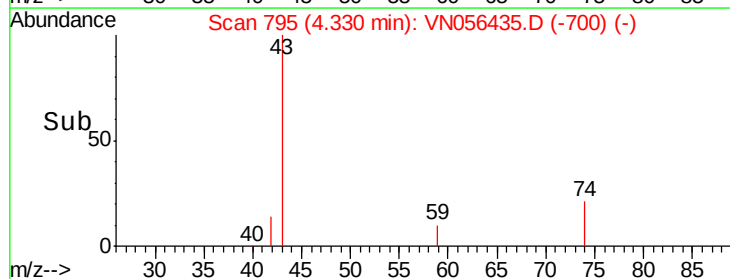
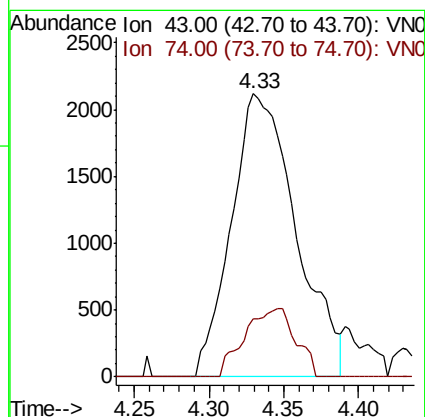
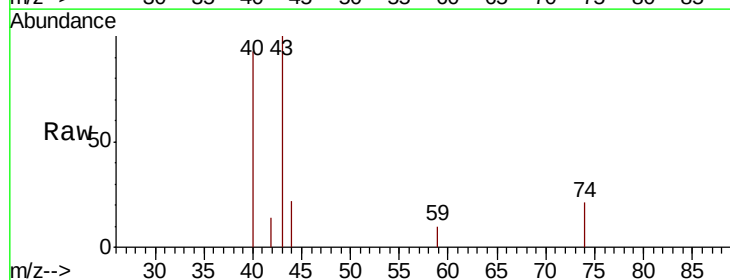
Acq: 21 Jun 2019 18:47

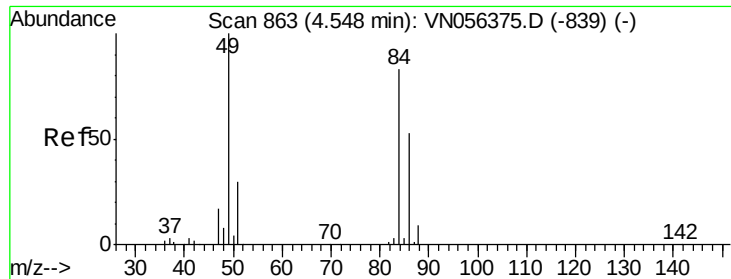
Tgt Ion: 43 Resp: 6381

Ion Ratio Lower Upper

43 100

74 19.0 19.2 28.8#

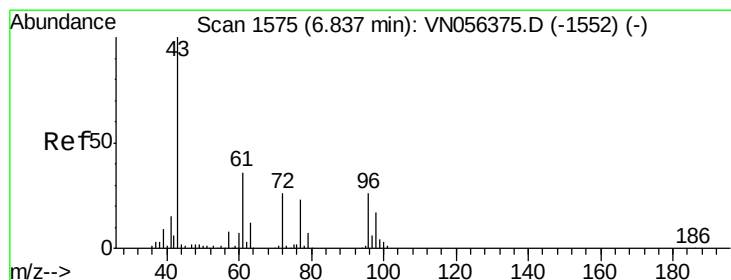
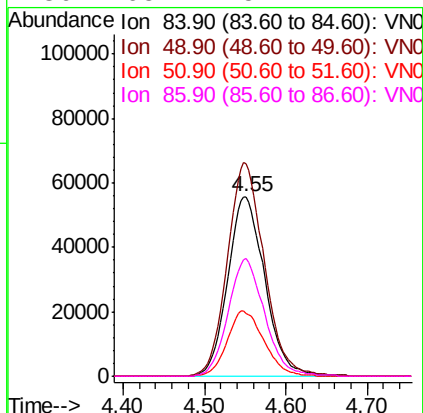
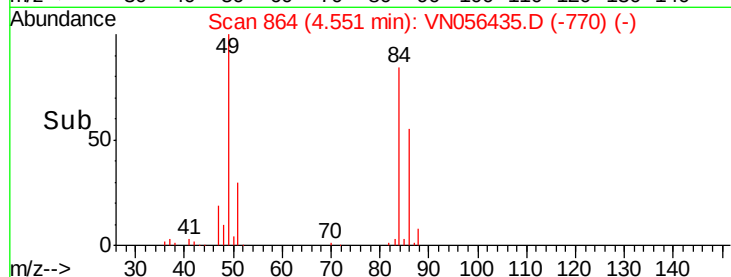
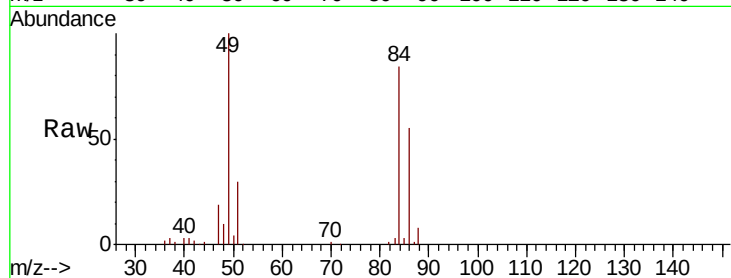




#20
Methylene Chloride
Concen: 44.032 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

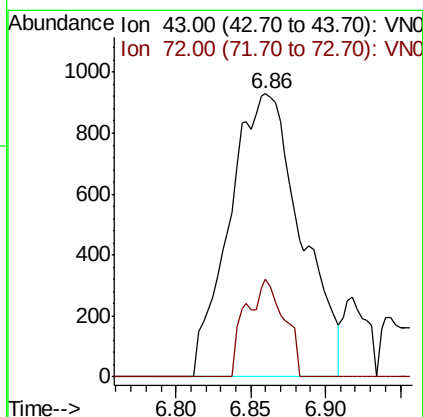
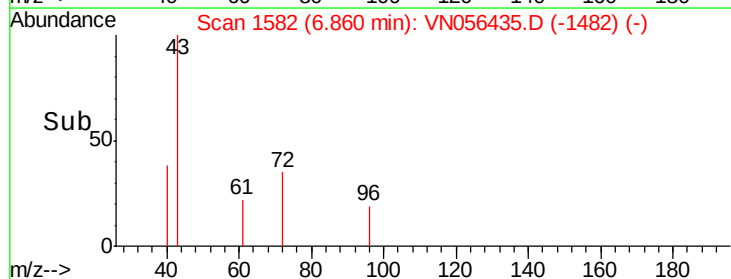
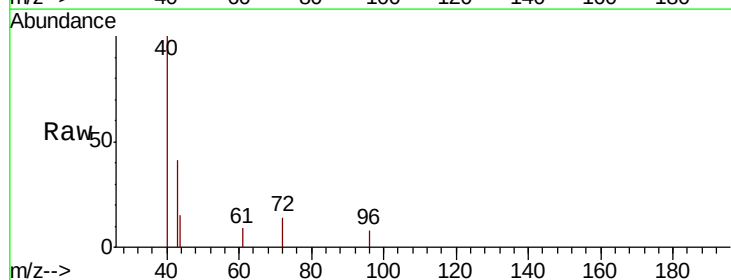
Instrument :
MSVOA_N
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OK-03-062019

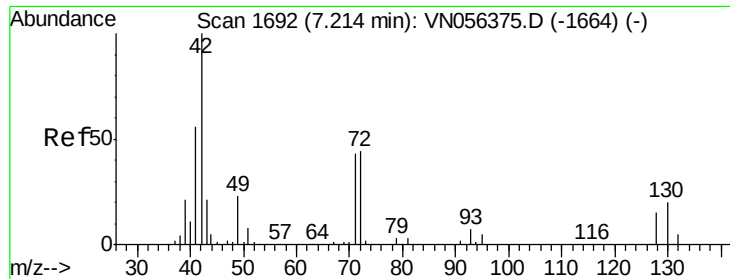
Tot Ion: 84 Resp: 176359
Ion Ratio Lower Upper
84 100
49 118.1 96.4 144.6
51 35.2 28.6 43.0
86 65.4 51.4 77.2



#25
2-Butanone
Concen: 1.099 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Tgt Ion: 43 Resp: 3082
Ion Ratio Lower Upper
43 100
72 34.7 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.713 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

OK-03-062019

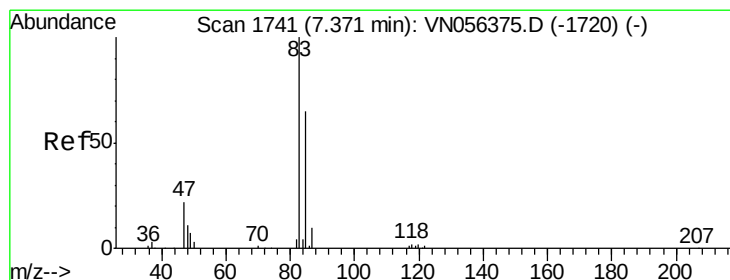
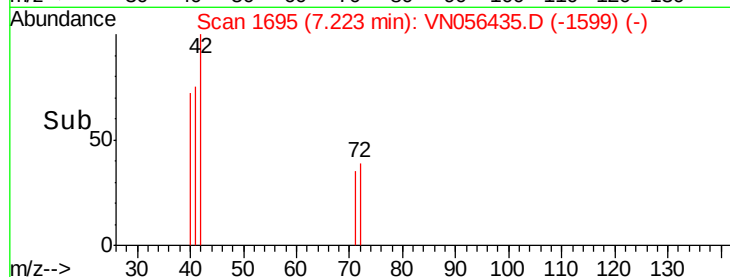
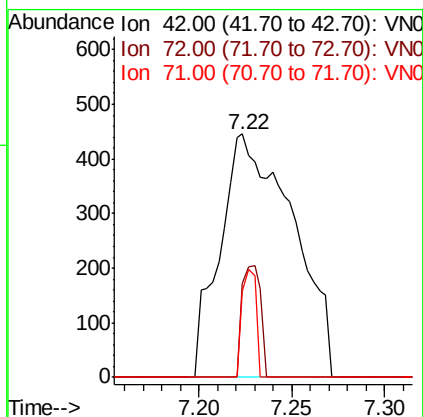
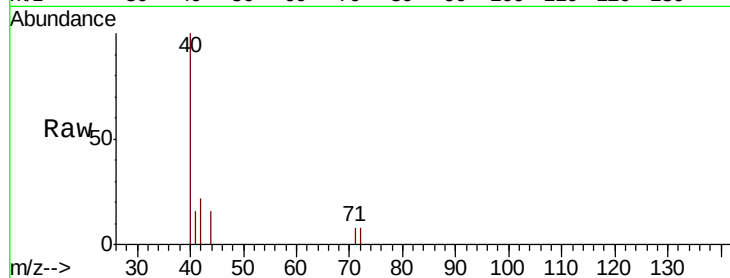
Tot Ion: 42 Resp: 1222

Ion Ratio Lower Upper

42 100

72 11.7 34.7 52.1#

71 8.5 33.0 49.6#



#30

Chloroform

Concen: 0.205 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056435.D

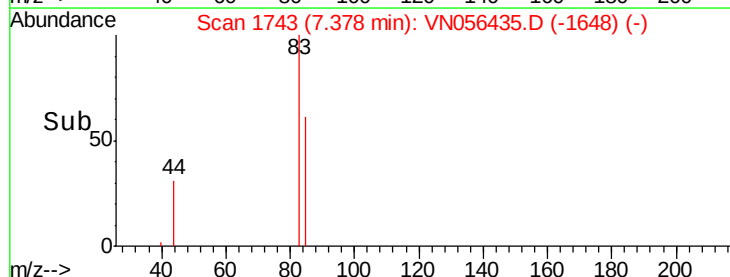
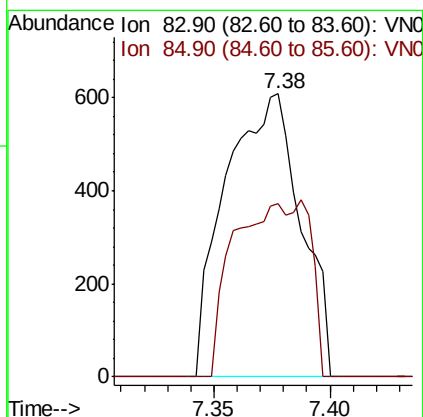
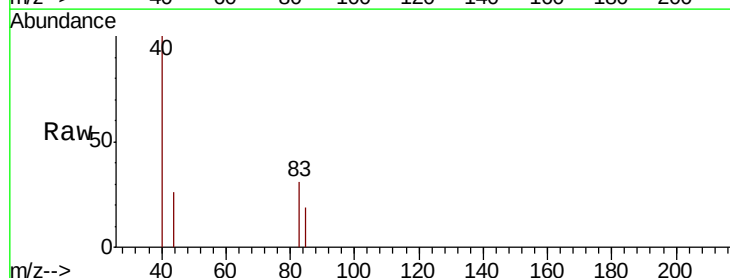
Acq: 21 Jun 2019 18:47

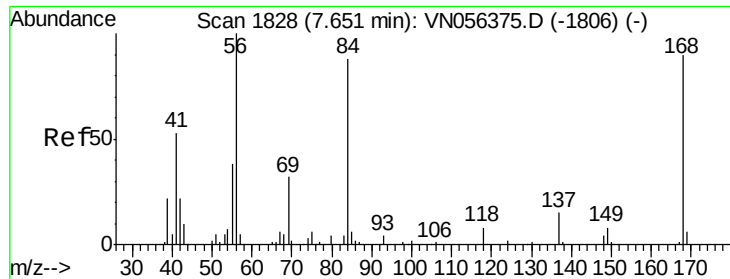
Tgt Ion: 83 Resp: 1371

Ion Ratio Lower Upper

83 100

85 61.2 52.3 78.5

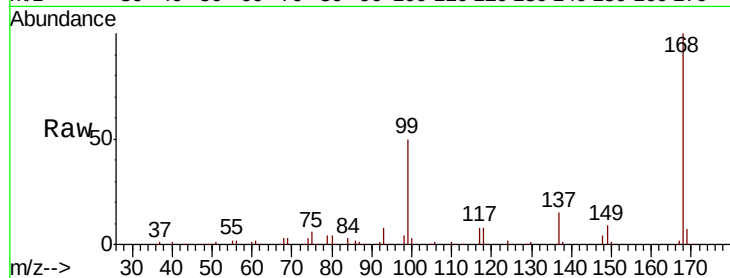




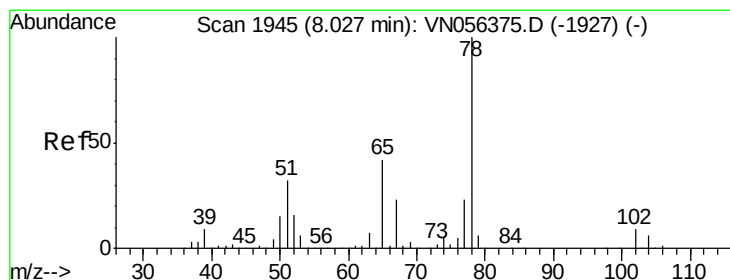
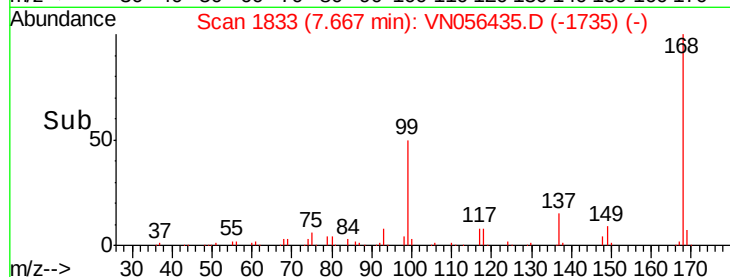
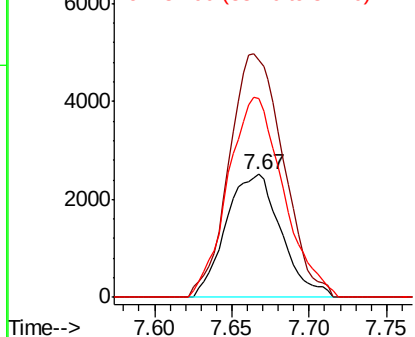
#31
Cyclohexane
Concen: 0.952 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Instrument :
MSVOA_N
ClientSampleId :
OK-03-062019

Tot Ion: 56 Resp: 6216
Ion Ratio Lower Upper
56 100
69 192.6 25.8 38.6#
84 161.1 69.4 104.0#

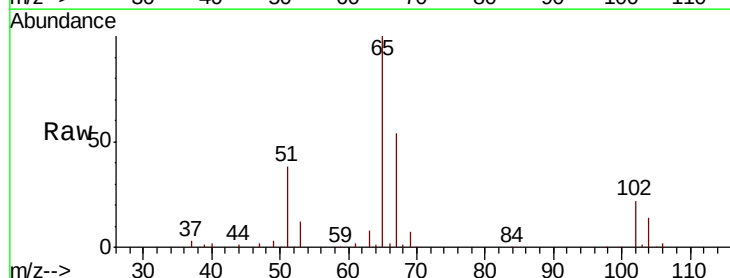


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

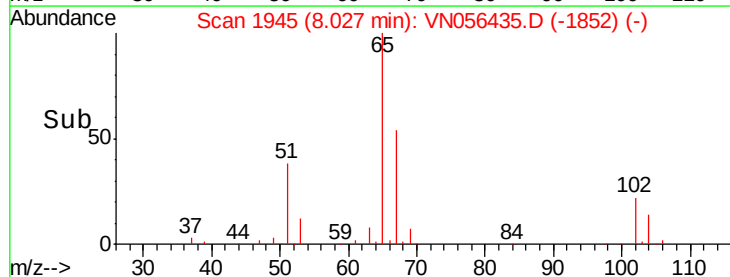
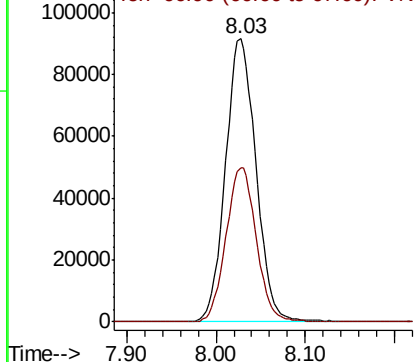


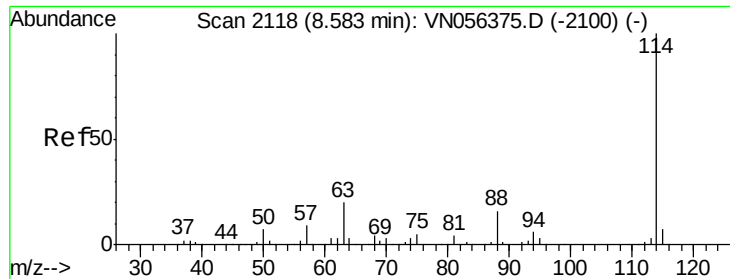
#33
1,2-Dichloroethane-d4
Concen: 51.273 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Tgt Ion: 65 Resp: 216909
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

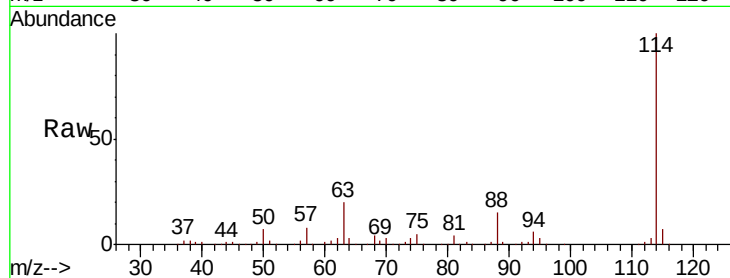




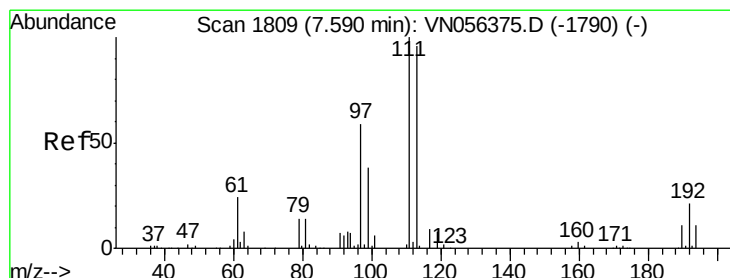
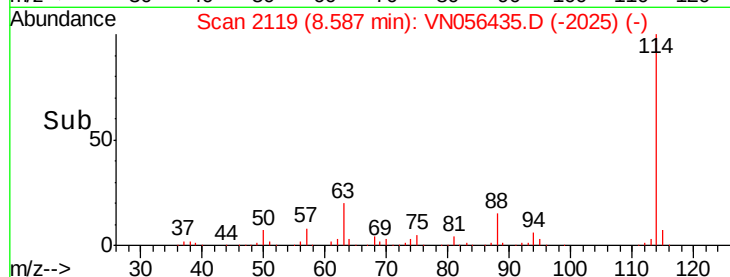
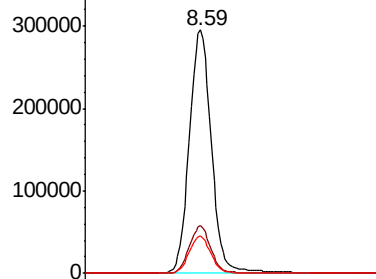
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Instrument :
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Tot Ion:114 Resp: 647777
Ion Ratio Lower Upper
114 100
63 19.5 0.0 39.2
88 15.2 0.0 31.4

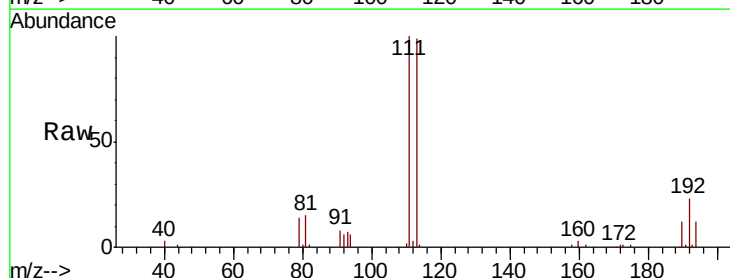


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

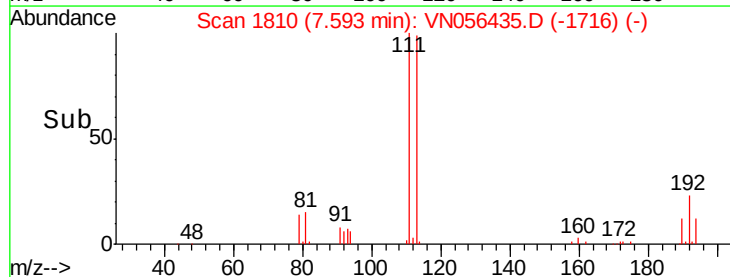
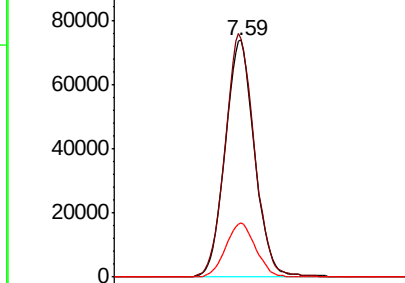


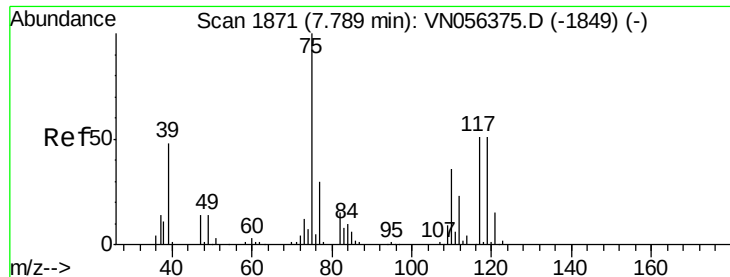
#35
Dibromofluoromethane
Concen: 46.278 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056435.D
Acq: 21 Jun 2019 18:47

Tgt Ion:113 Resp: 187012
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 23.0 17.7 26.5



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: 4.203 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.12 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

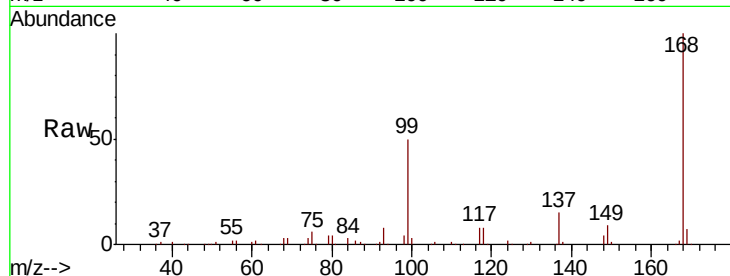
Tot Ion: 75 Resp: 23962

Ion Ratio Lower Upper

75 100

110 8.1 18.1 54.3#

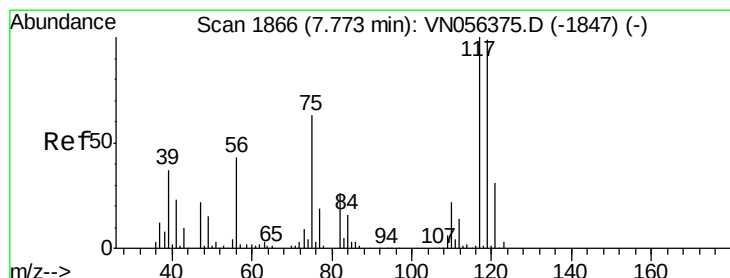
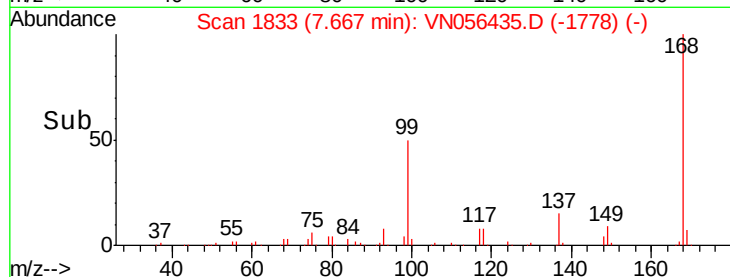
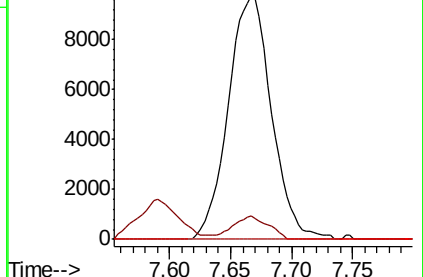
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VN056435.D (-1778) (-)

Ion 109.90 (109.60 to 110.60): VN056435.D (-1778) (-)

Ion 76.90 (76.60 to 77.60): VN056435.D (-1778) (-)



#38

Carbon Tetrachloride

Concen: 6.432 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

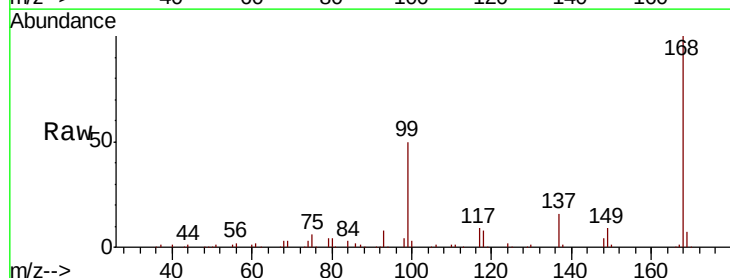
Tgt Ion: 117 Resp: 32068

Ion Ratio Lower Upper

117 100

119 5.4 79.1 118.7#

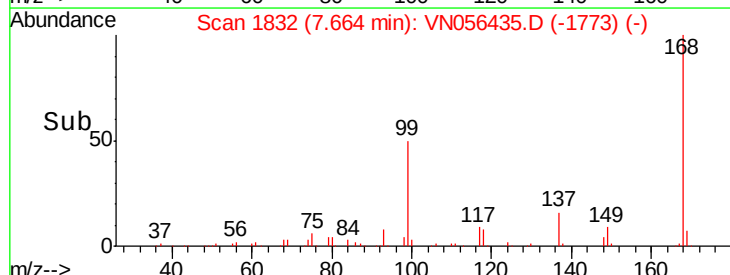
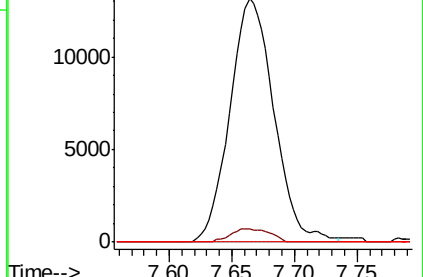
121 0.0 24.8 37.2#

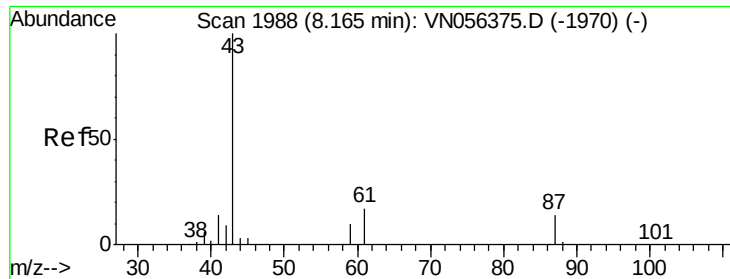


Abundance Ion 116.80 (116.50 to 117.50): VN056435.D (-1773) (-)

Ion 118.80 (118.50 to 119.50): VN056435.D (-1773) (-)

Ion 120.80 (120.50 to 121.50): VN056435.D (-1773) (-)





#43

Isopropyl Acetate

Concen: 1.737 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

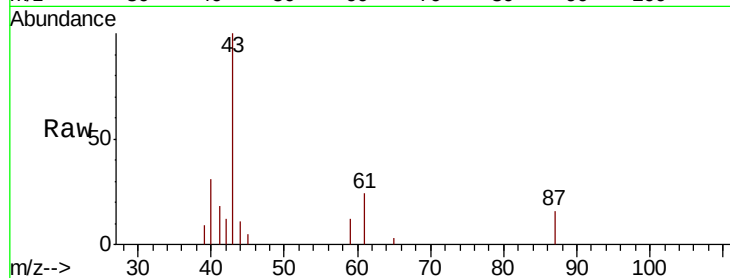
Tot Ion: 43 Resp: 15004

Ion Ratio Lower Upper

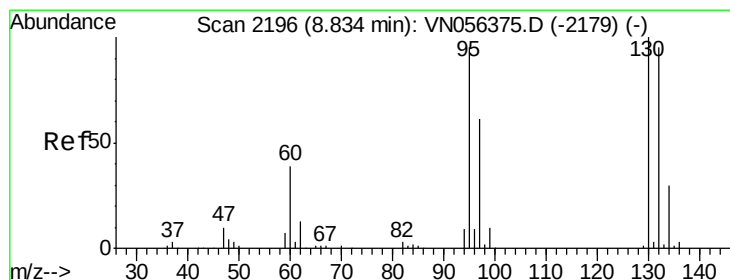
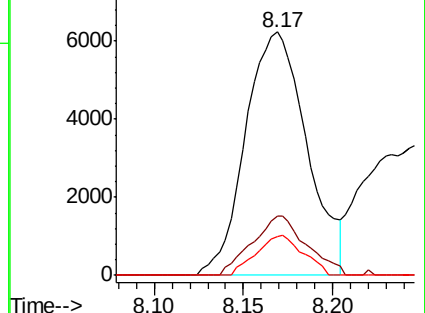
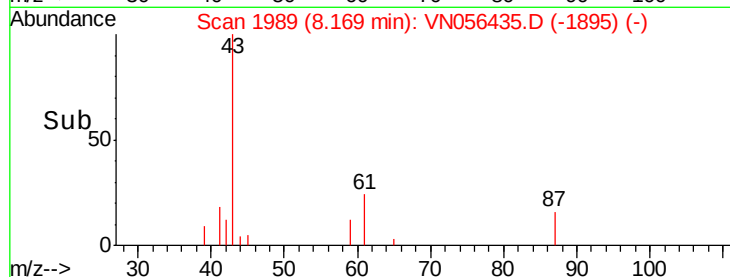
43 100

61 21.4 22.0 33.0#

87 12.4 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056435.D (-1989) (-)



#44

Trichloroethene

Concen: 0.613 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056435.D

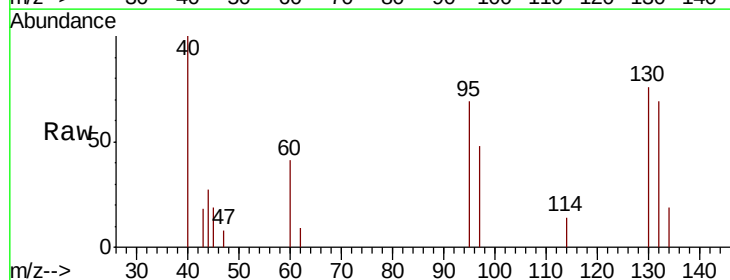
Acq: 21 Jun 2019 18:47

Tgt Ion:130 Resp: 2896

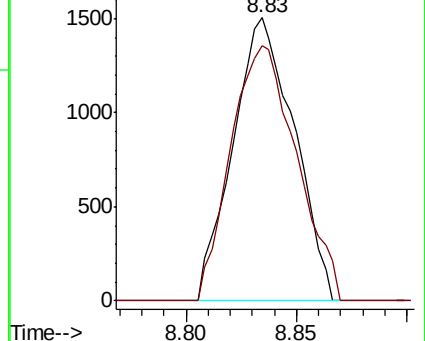
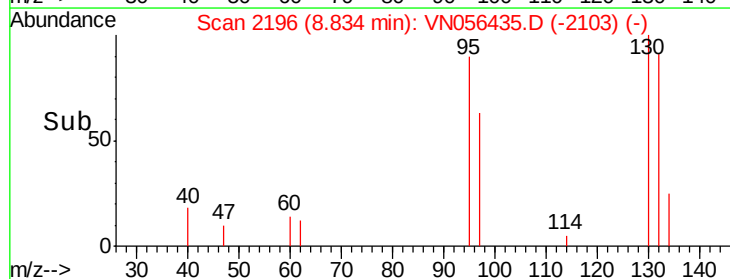
Ion Ratio Lower Upper

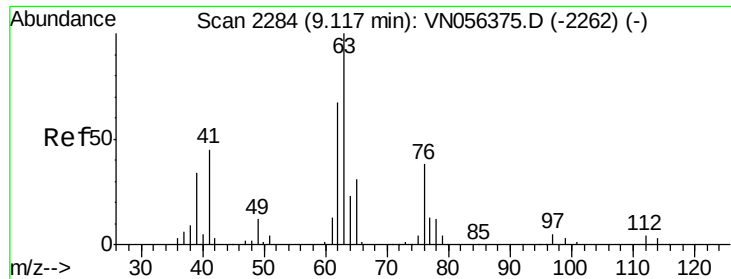
130 100

95 90.2 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056435.D (-2196) (-)

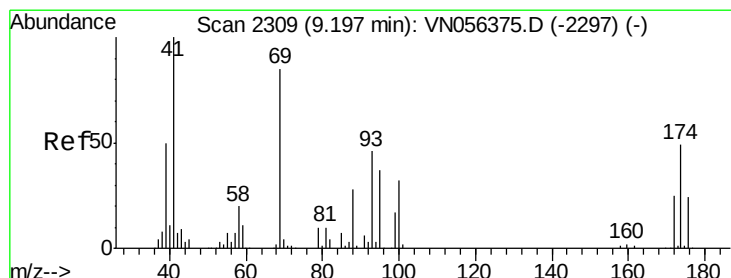
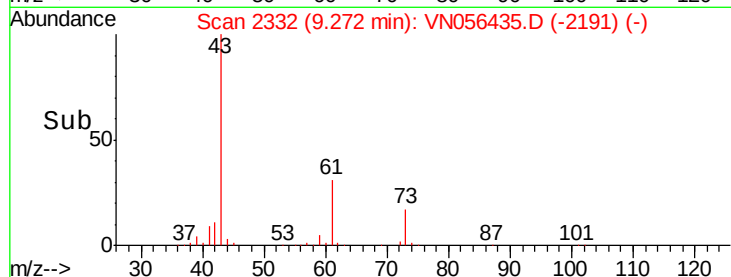
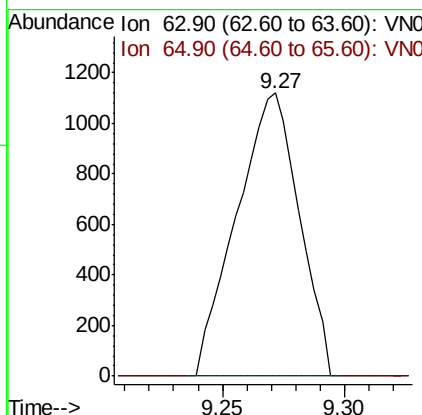
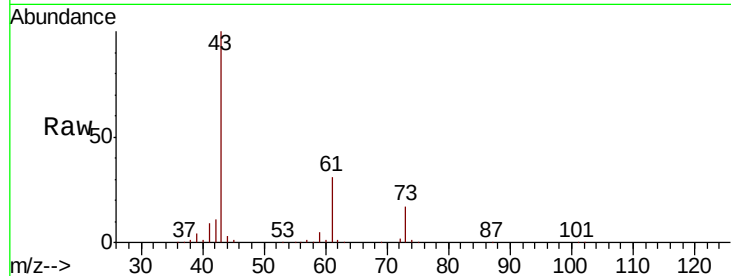




#45
 1,2-Dichloropropane
 Concen: 0.425 ug/l
 RT: 9.27 min Scan# 2332
 Delta R.T. 0.15 min
 Lab File: VN056435.D
 Acq: 21 Jun 2019 18:47

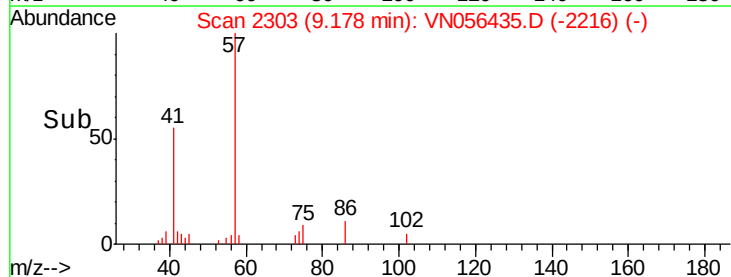
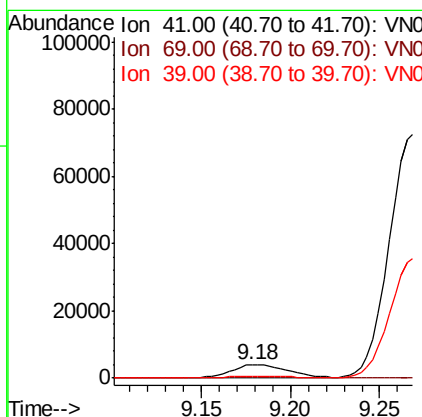
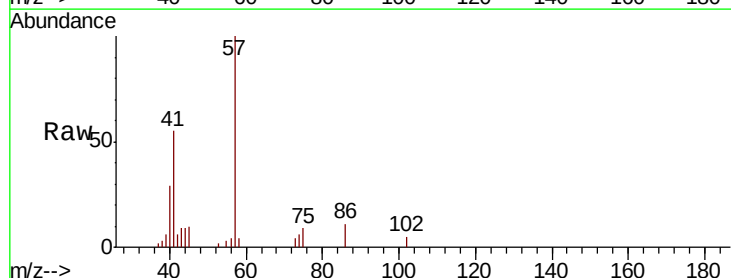
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-062019

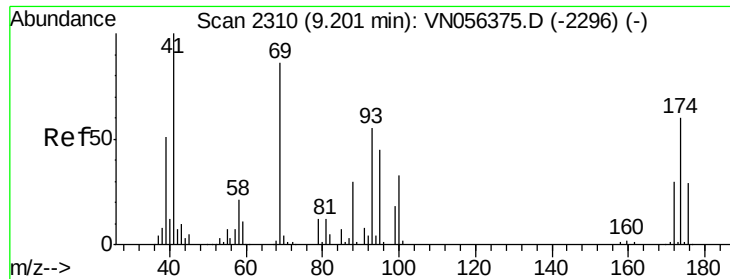
Tot Ion: 63 Resp: 1993
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#48
 Methyl methacrylate
 Concen: 2.030 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: VN056435.D
 Acq: 21 Jun 2019 18:47

Tgt Ion: 41 Resp: 8789
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.6 109.0#
 39 0.0 42.6 63.8#





#49

1,4-Dioxane

Concen: 0.646 ug/l

RT: 9.27 min Scan# 2331

Delta R.T. 0.07 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

OK-03-062019

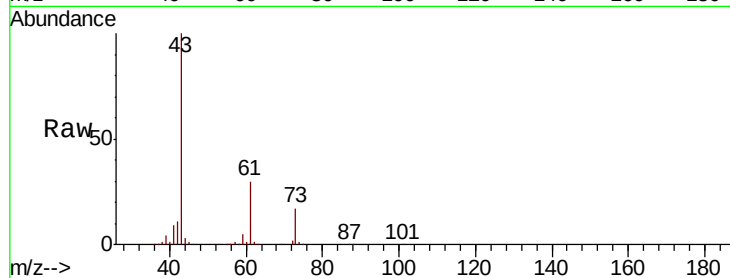
Tot Ion: 88 Resp: 58

Ion Ratio Lower Upper

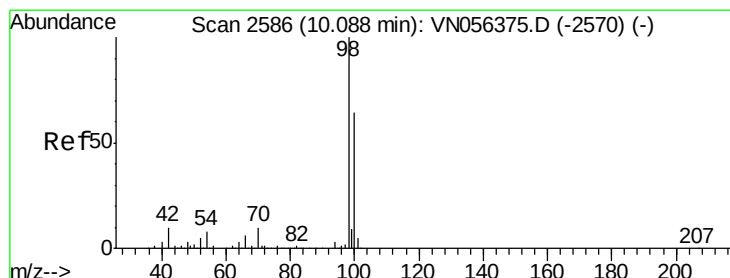
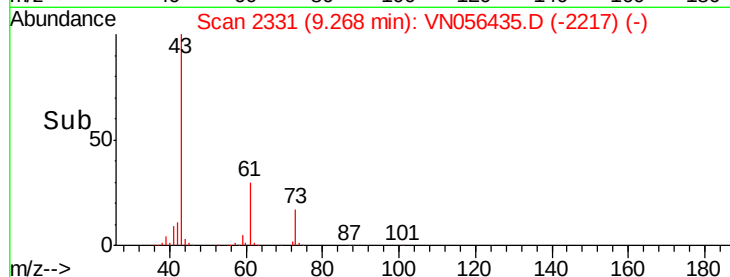
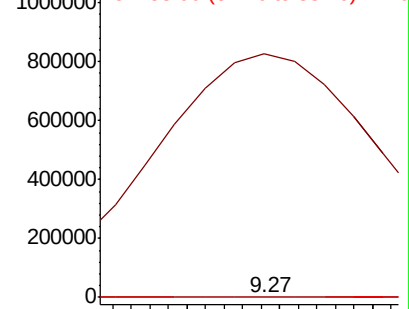
88 100

43 2670105.2 22.0 33.0#

58 11137.9 51.8 77.8#



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



#50

Toluene-d8

Concen: 50.772 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056435.D

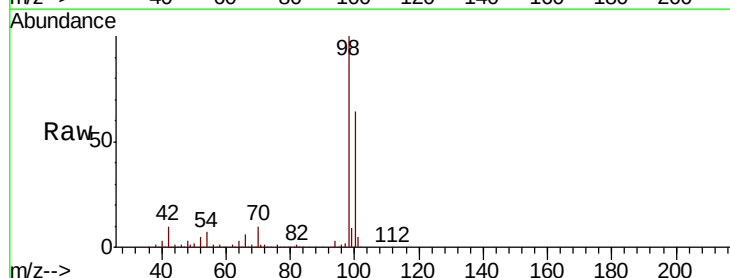
Acq: 21 Jun 2019 18:47

Tgt Ion: 98 Resp: 798351

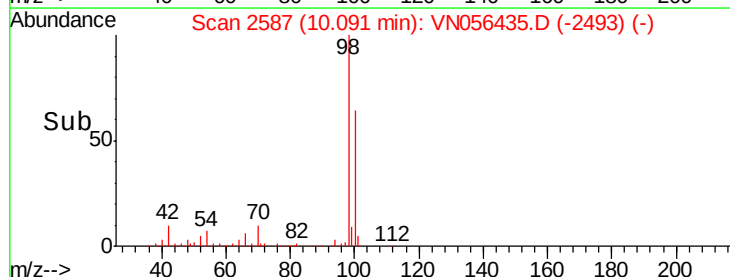
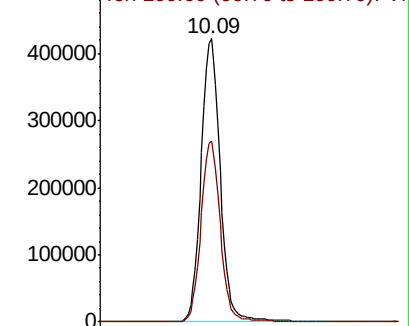
Ion Ratio Lower Upper

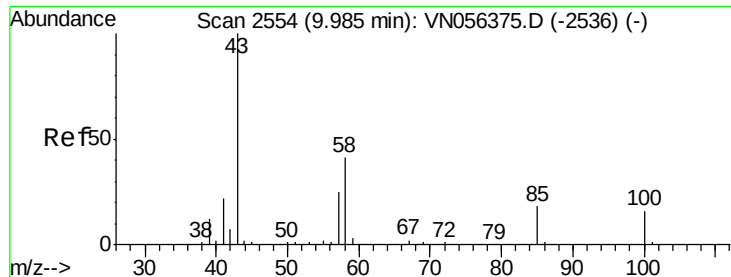
98 100

100 64.3 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.887 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

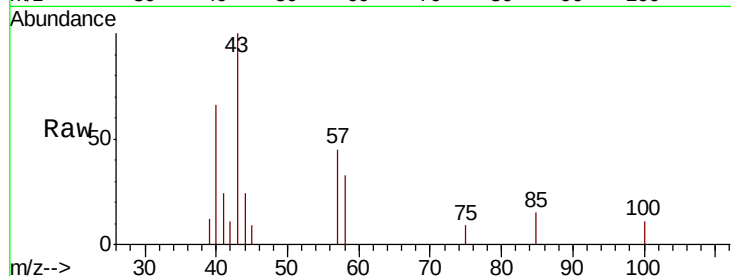
OK-03-062019

Tot Ion: 43 Resp: 4948

Ion Ratio Lower Upper

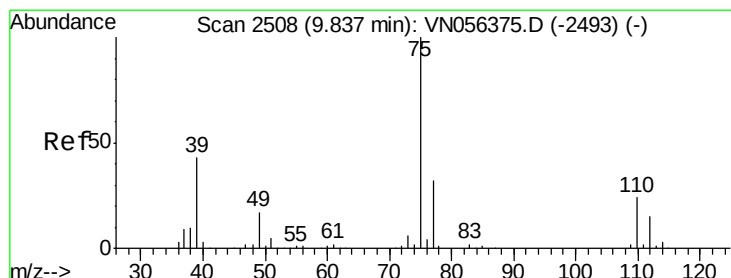
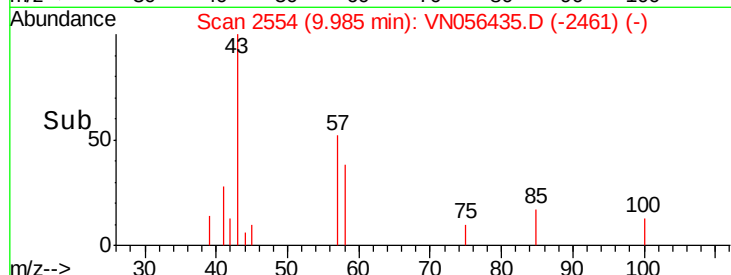
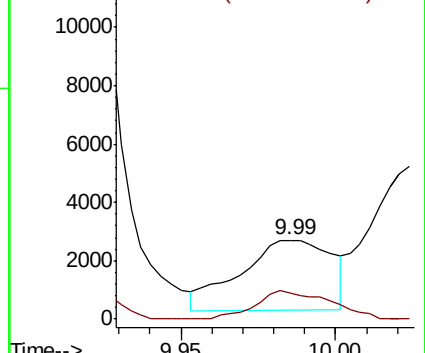
43 100

58 32.9 31.8 47.8



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: 9.615 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

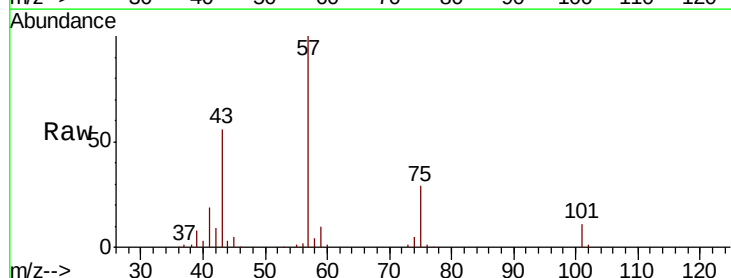
Tgt Ion: 75 Resp: 60259

Ion Ratio Lower Upper

75 100

77 0.6 25.2 37.8#

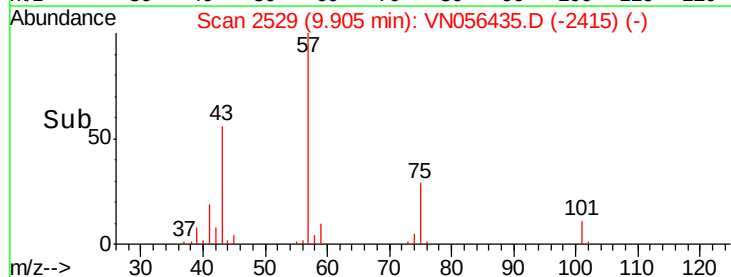
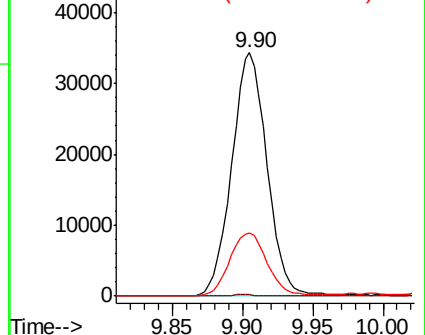
39 26.0 34.2 51.4#

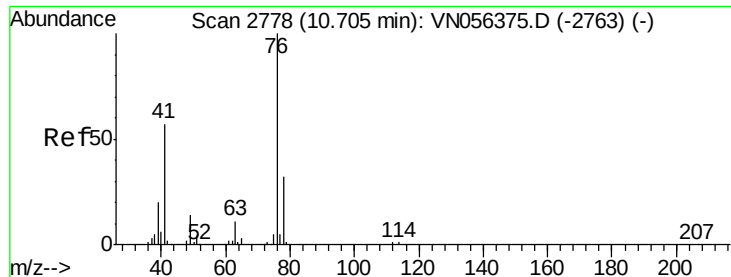


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.828 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

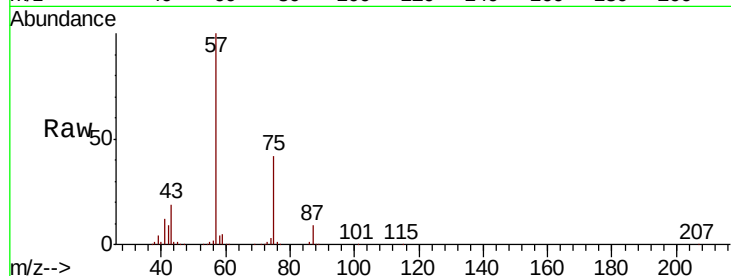
OK-03-062019

Tot Ion: 76 Resp: 13239

Ion Ratio Lower Upper

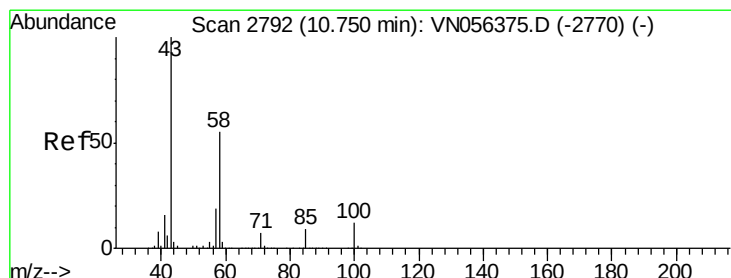
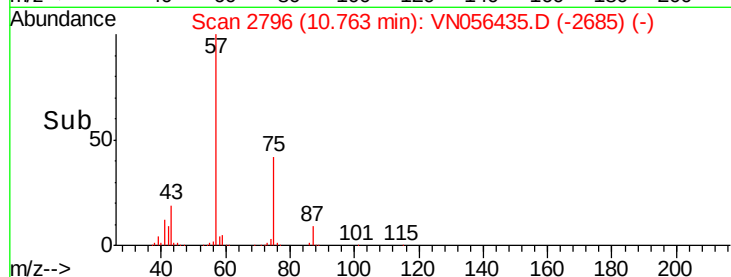
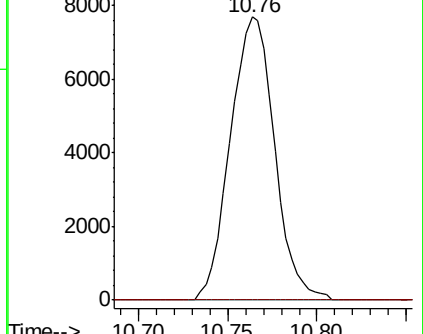
76 100

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: 43.877 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056435.D

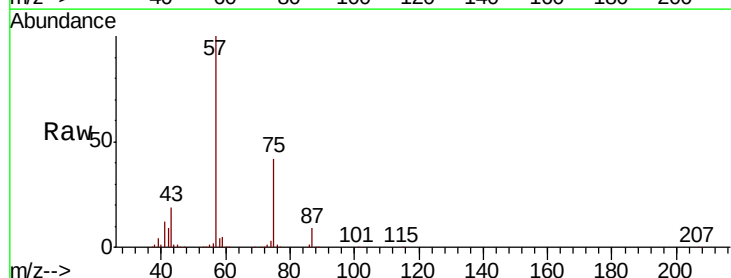
Acq: 21 Jun 2019 18:47

Tgt Ion: 43 Resp: 179835

Ion Ratio Lower Upper

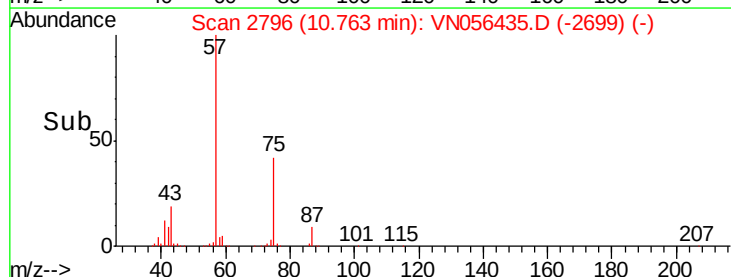
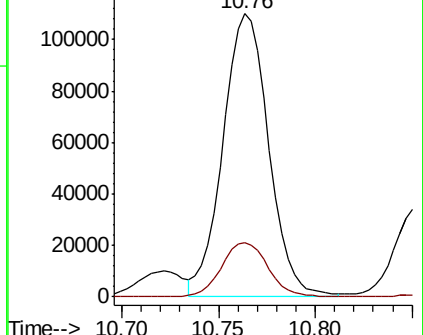
43 100

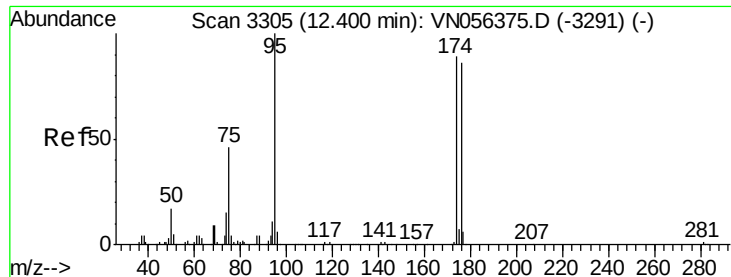
58 19.9 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.307 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

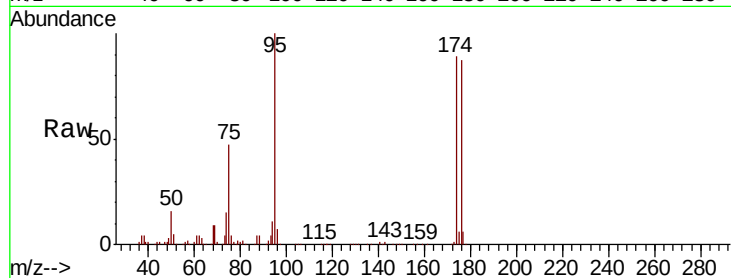
Tot Ion: 95 Resp: 258457

Ion Ratio Lower Upper

95 100

174 90.1 0.0 179.4

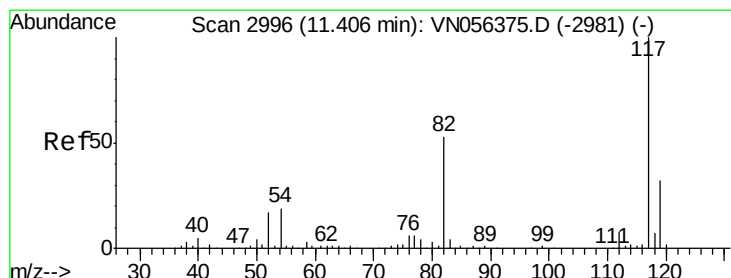
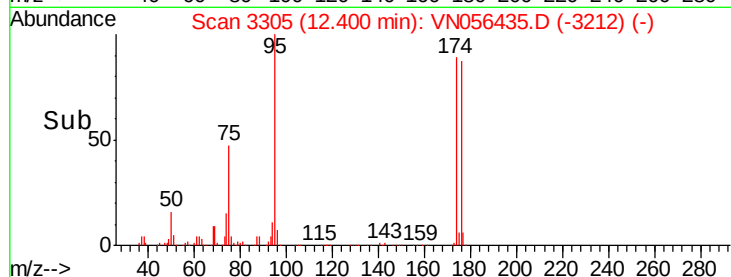
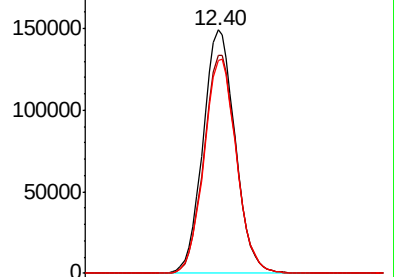
176 88.4 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN056435.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN056435.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN056435.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

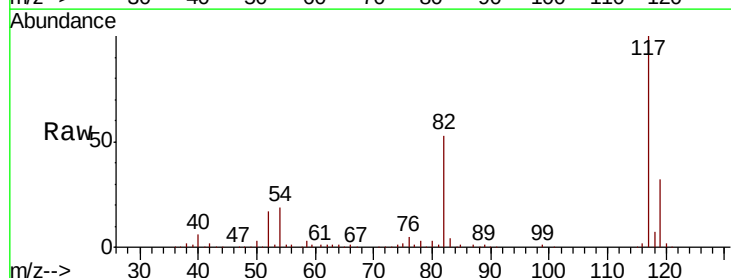
Tgt Ion: 117 Resp: 627938

Ion Ratio Lower Upper

117 100

82 52.9 42.0 63.0

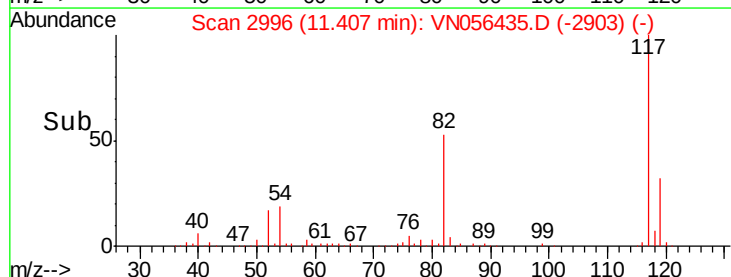
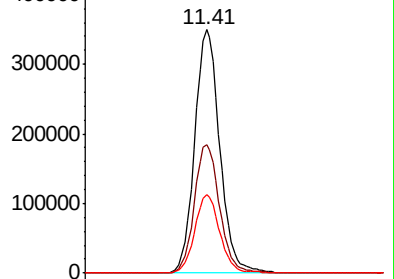
119 32.0 25.3 37.9

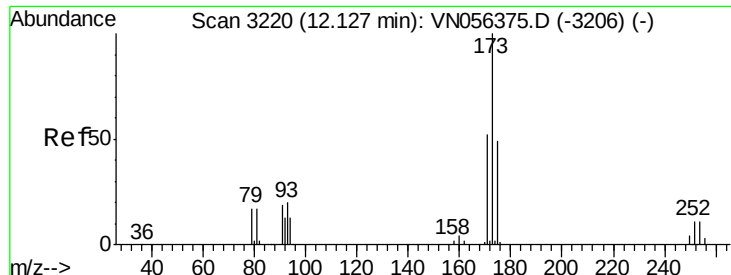


Abundance Ion 116.90 (116.60 to 117.60): VN056435.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN056435.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN056435.D (-2981) (-)





#71

Bromoform

Concen: 3.655 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.28 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

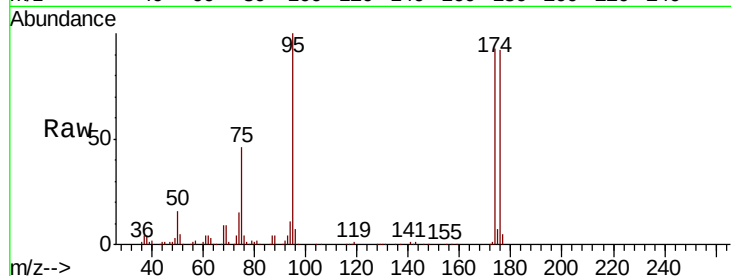
Tot Ion:173 Resp: 1880

Ion Ratio Lower Upper

173 100

175 764.4 24.4 73.4#

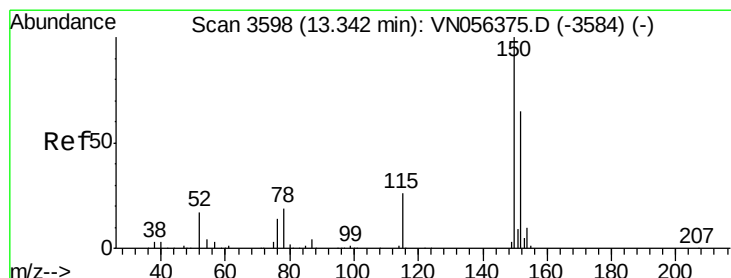
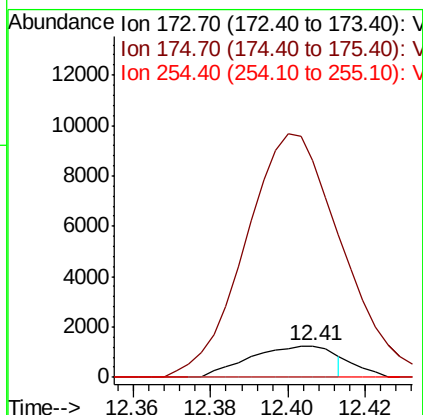
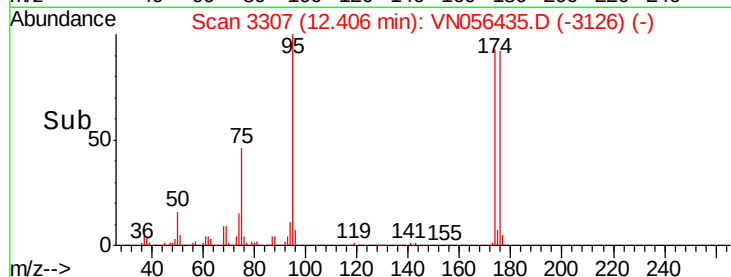
254 0.0 0.0 0.0



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: VN056435.D

Acq: 21 Jun 2019 18:47

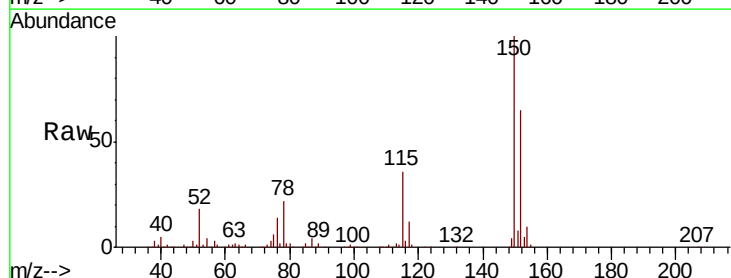
Tgt Ion:152 Resp: 190396

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

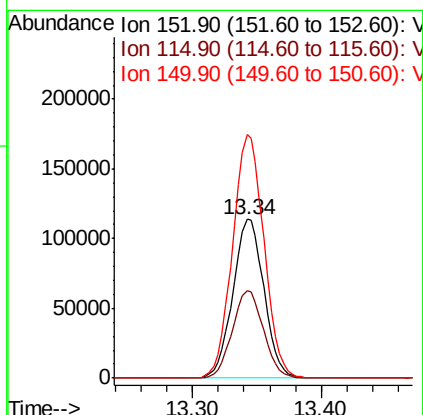
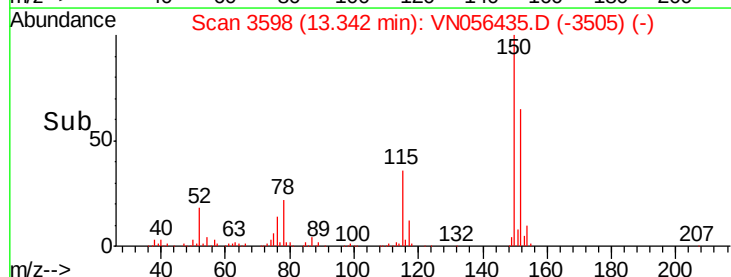
150 154.7 0.0 348.4

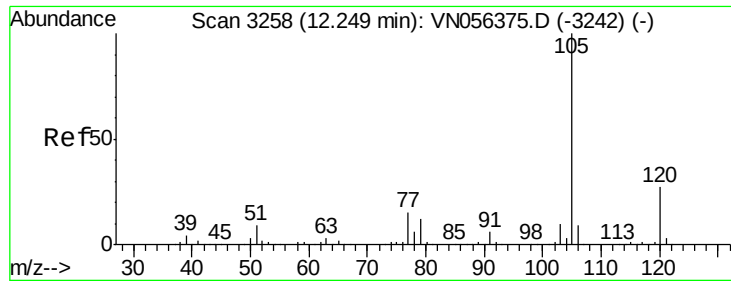


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.26 min Scan# 3260

Delta R.T. 0.01 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampled :

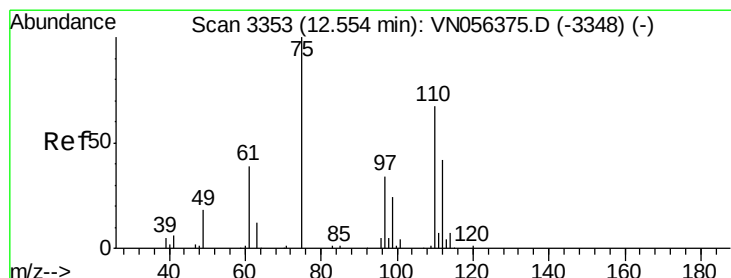
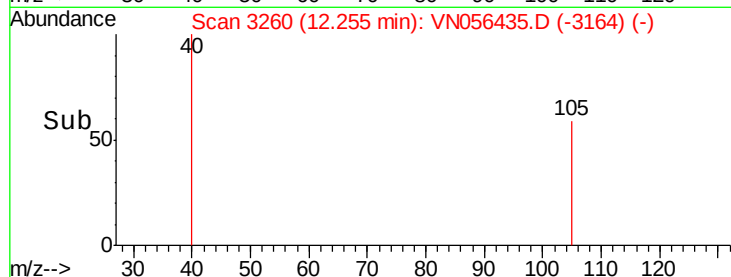
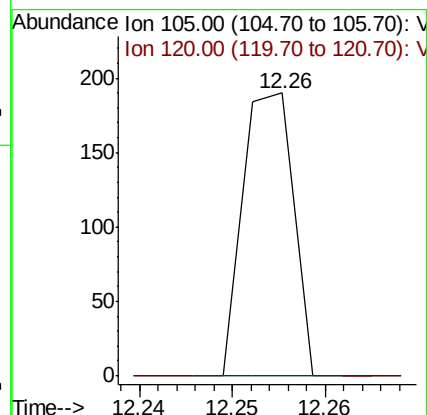
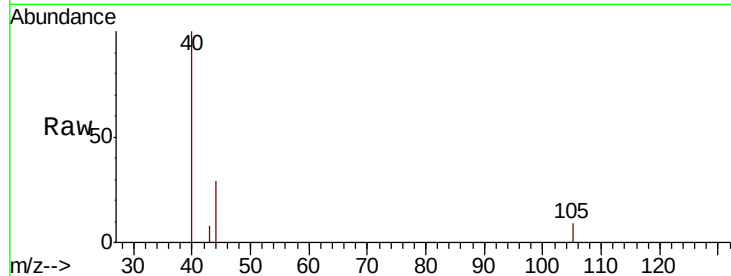
OK-03-062019

Tot Ion:105 Resp: 72

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.2#



#76

1,2,3-Trichloropropane

Concen: 30.306 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056435.D

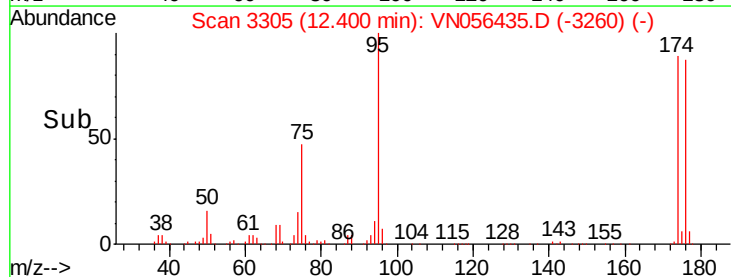
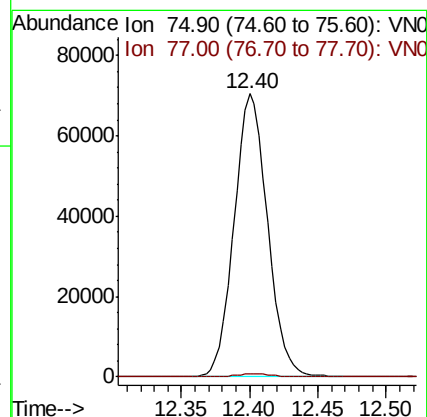
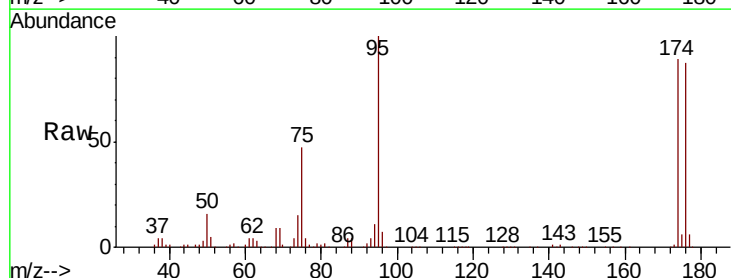
Acq: 21 Jun 2019 18:47

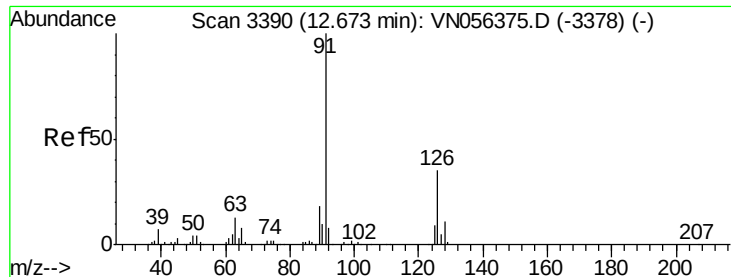
Tgt Ion: 75 Resp: 119643

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

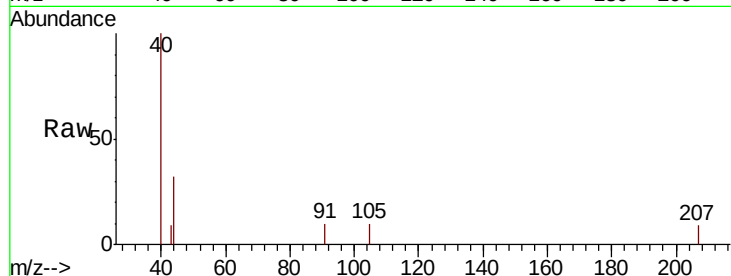
OK-03-062019

Tot Ion: 91 Resp: 102

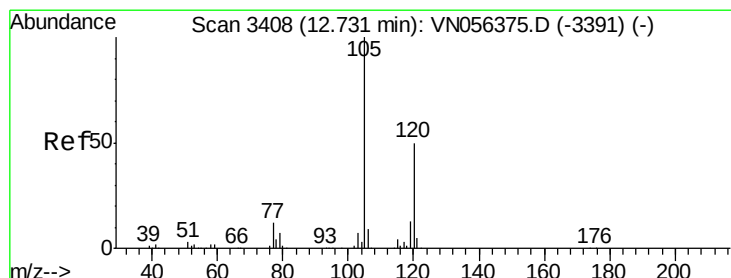
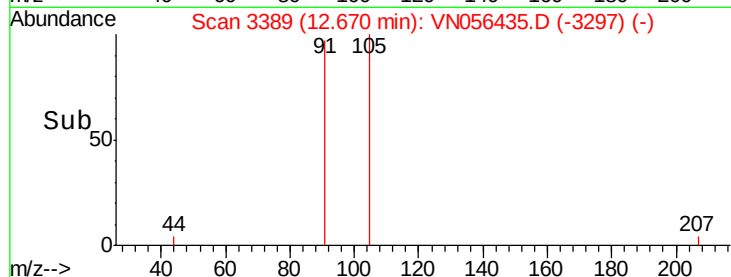
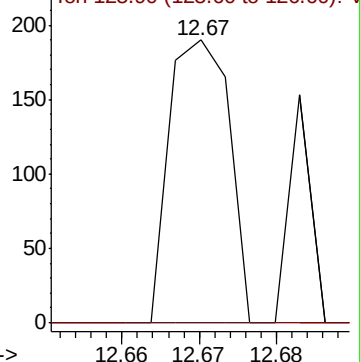
Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056435.D

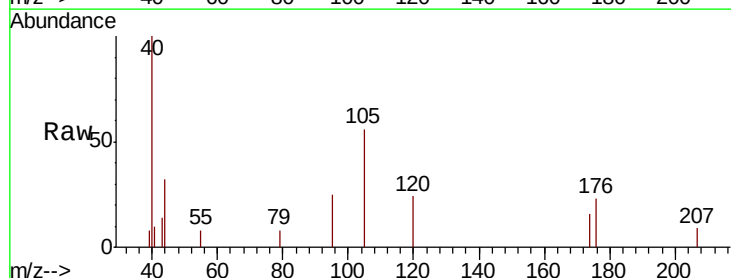
Acq: 21 Jun 2019 18:47

Tgt Ion: 105 Resp: 1698

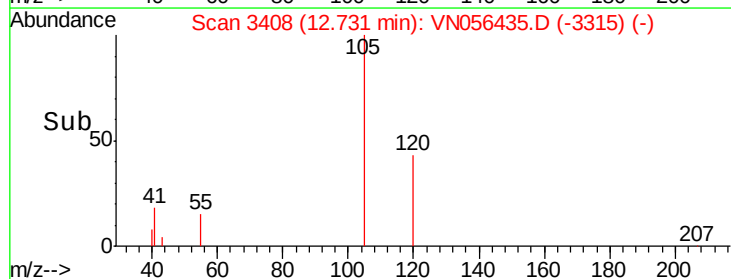
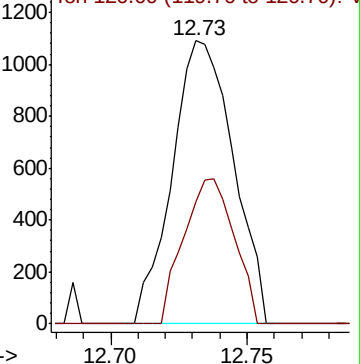
Ion Ratio Lower Upper

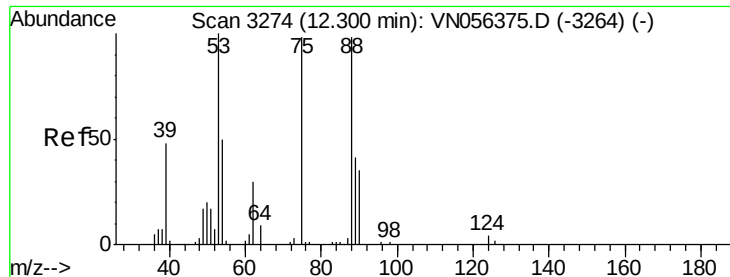
105 100

120 42.3 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 107.710 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

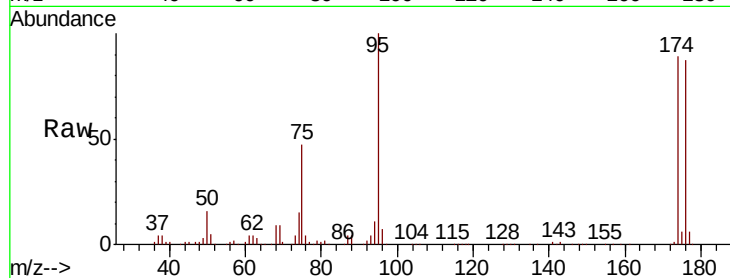
Tot Ion: 75 Resp: 119643

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

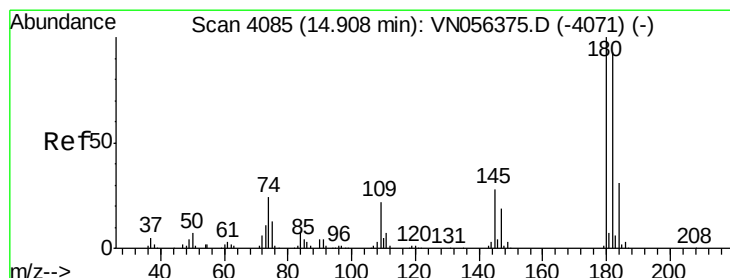
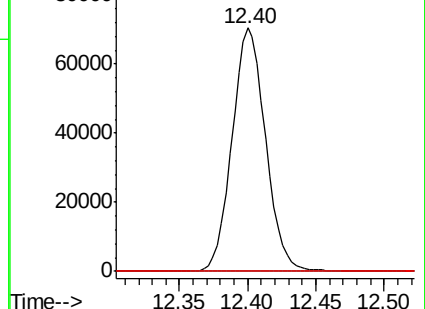
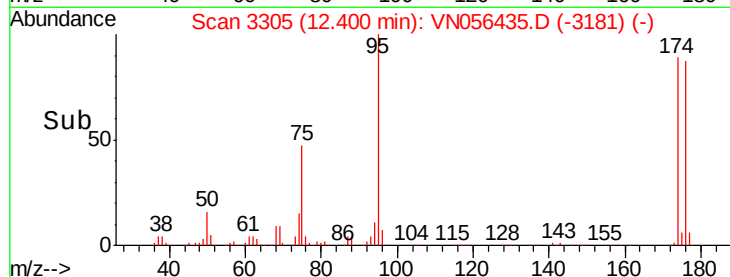
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056435.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN056435.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN056435.D (-3181) (-)



#93

1,2,4-Trichlorobenzene

Concen: 5.654 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

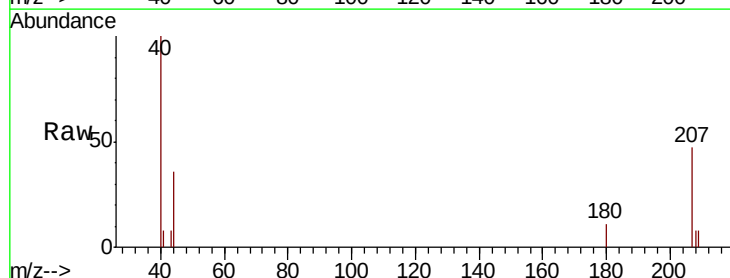
Tgt Ion: 180 Resp: 149

Ion Ratio Lower Upper

180 100

182 0.0 46.9 140.6#

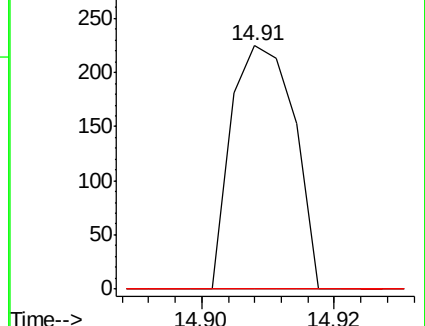
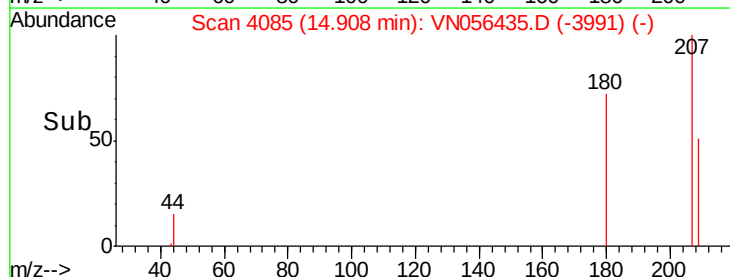
145 0.0 14.4 43.0#

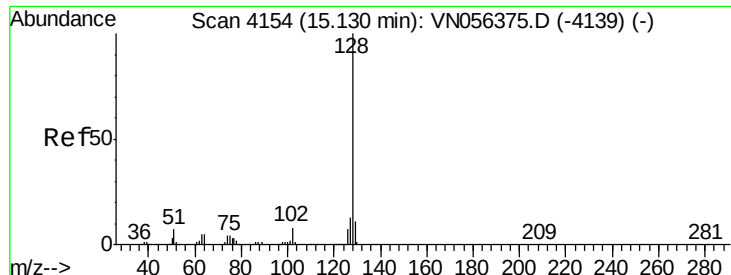


Abundance Ion 179.80 (179.50 to 180.50): VN056435.D (-3991) (-)

Ion 181.80 (181.50 to 182.50): VN056435.D (-3991) (-)

Ion 144.80 (144.50 to 145.50): VN056435.D (-3991) (-)





#95

Naphthalene

Concen: 5.382 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056435.D

Acq: 21 Jun 2019 18:47

Instrument :

MSVOA_N

ClientSampleId :

OK-03-062019

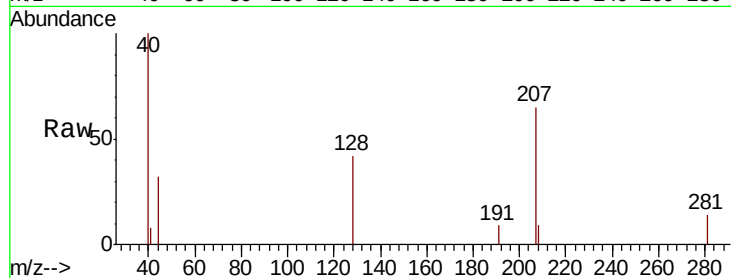
Tot Ion:128 Resp: 1338

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 0.0 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

