

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050319\
 Data File : VN055402.D
 Acq On : 3 May 2019 20:23
 Operator : JC/SP
 Sample : K2642-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

Quant Time: May 03 23:25:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	488573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	835146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	777456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	240248	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	333828	52.23	ug/l	0.00
Spiked Amount						
			Recovery	=	104.46%	
35) Dibromofluoromethane	7.59	113	271032	49.44	ug/l	0.00
Spiked Amount						
			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	1045536	52.82	ug/l	0.00
Spiked Amount						
			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	12.40	95	341670	55.23	ug/l	0.00
Spiked Amount						
			Recovery	=	110.46%	

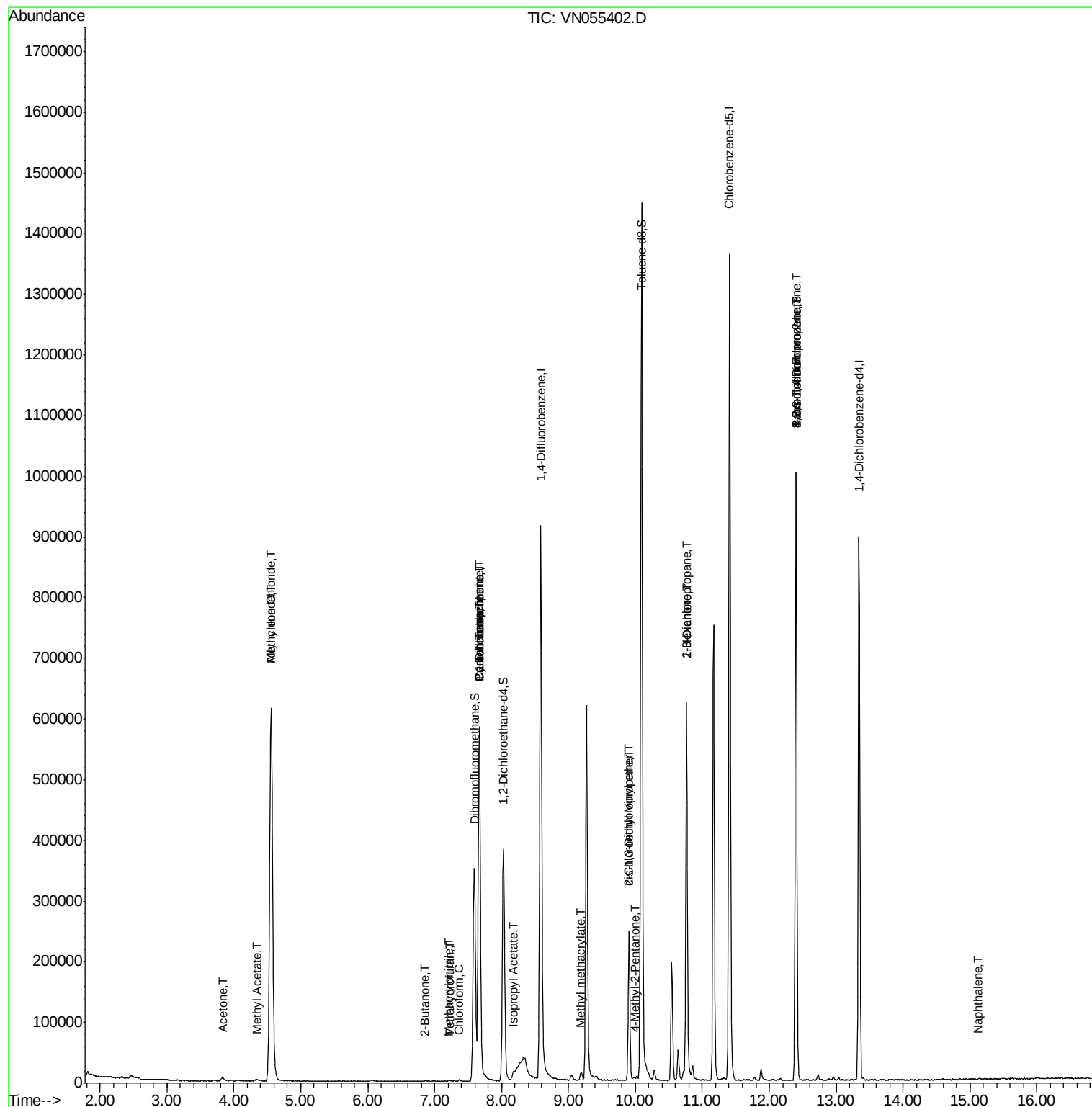
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.55	41	22644	2.265	ug/l #	27
16) Acetone	3.83	43	11047	5.547	ug/l	99
18) Methyl Acetate	4.34	43	6828	0.380	ug/l #	84
20) Methylene Chloride	4.55	84	439950	72.374	ug/l	98
25) 2-Butanone	6.85	43	586	0.230	ug/l #	53
29) Tetrahydrofuran	7.22	42	722	0.443	ug/l #	51
30) Chloroform	7.37	83	2541	0.253	ug/l	97
31) Cyclohexane	7.66	56	9976	0.992	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	38222	4.778	ug/l #	49
38) Carbon Tetrachloride	7.67	117	45930	5.952	ug/l #	16
41) Methacrylonitrile	7.21	41	189	0.796	ug/l #	39
43) Isopropyl Acetate	8.17	43	16952	1.721	ug/l #	76
48) Methyl methacrylate	9.18	41	6207	1.281	ug/l #	30
51) 4-Methyl-2-Pentanone	9.99	43	4088	0.737	ug/l #	60
54) cis-1,3-Dichloropropene	9.90	75	39297	4.552	ug/l #	65
57) 1,3-Dichloropropane	10.76	76	6617	0.751	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.91	63	154	12.481	ug/l #	52
59) 2-Hexanone	10.76	43	104433	30.089	ug/l #	54
71) Bromoform	12.40	173	2810	0.851	ug/l #	1
73) Isopropylbenzene	12.40	105	284	Below Cal	#	49
75) 1,1,2,2-Tetrachloroethane	12.40	83	108	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.40	75	178875	39.529	ug/l #	100
77) Bromobenzene	12.71	156	33	Below Cal	#	1
79) 2-Chlorotoluene	12.66	91	29	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	178875	141.096	ug/l #	7
83) tert-Butylbenzene	13.04	119	152	Below Cal	#	1
90) Hexachloroethane	14.00	117	440	Below Cal	#	7
95) Naphthalene	15.14	128	1559	3.546	ug/l #	73

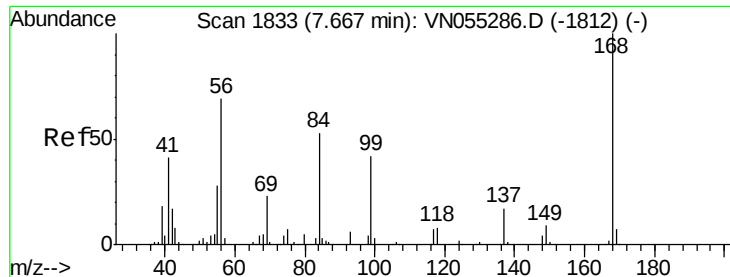
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 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: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

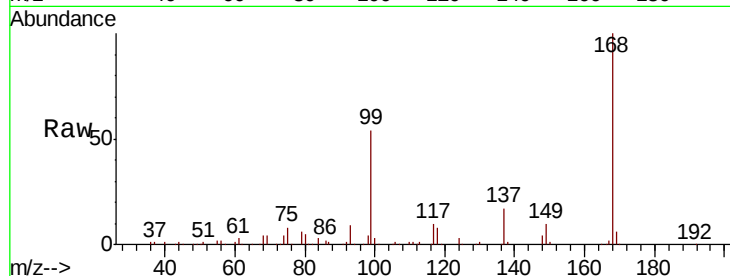
OK-02-050219

Tot Ion:168 Resp: 488573

Ion Ratio Lower Upper

168 100

99 54.2 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

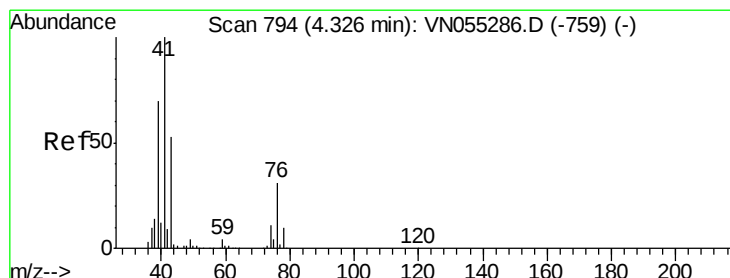
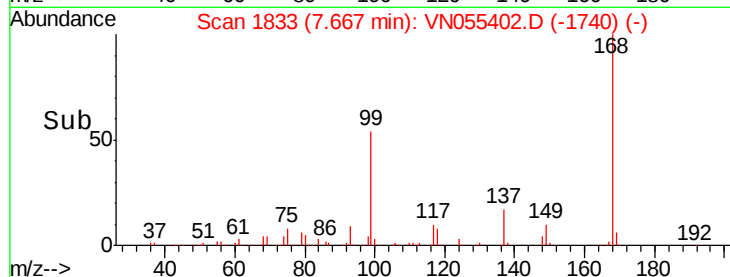
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 2.265 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.23 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

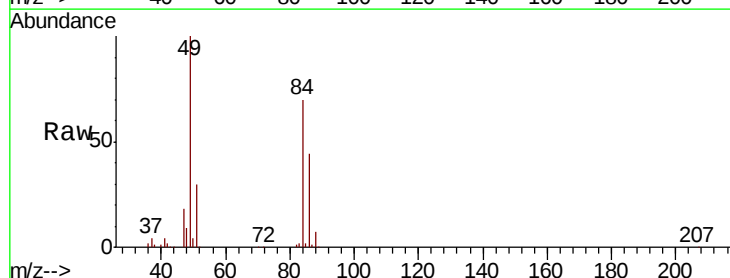
Tgt Ion: 41 Resp: 22644

Ion Ratio Lower Upper

41 100

39 1.6 53.0 79.6#

76 0.0 22.7 34.1#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.55

8000

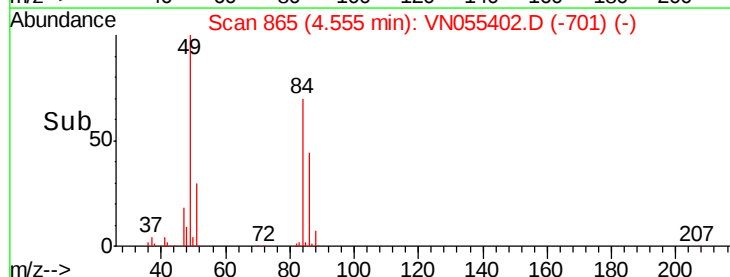
6000

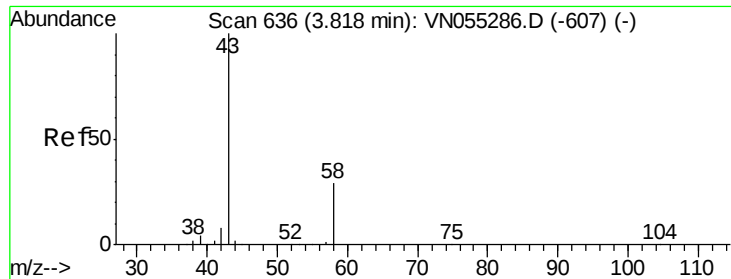
4000

2000

0

Time-->





#16

Acetone

Concen: 5.547 ug/l

RT: 3.83 min Scan# 640

Delta R.T. 0.01 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

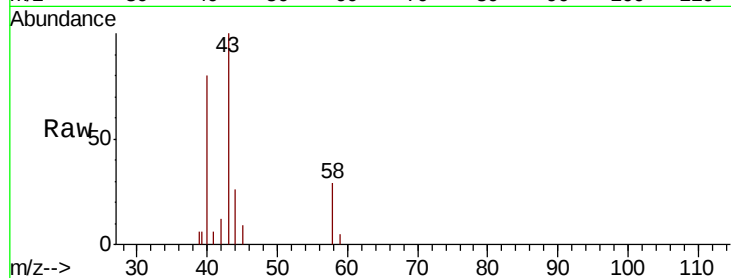
OK-02-050219

Tot Ion: 43 Resp: 11047

Ion Ratio Lower Upper

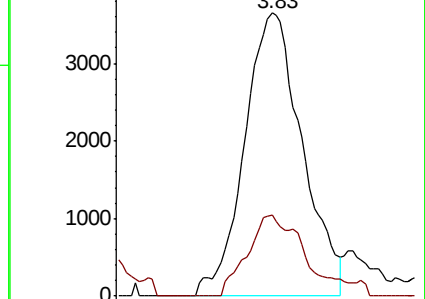
43 100

58 28.8 23.6 35.4

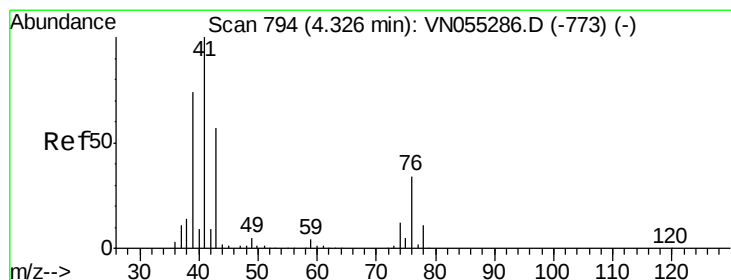
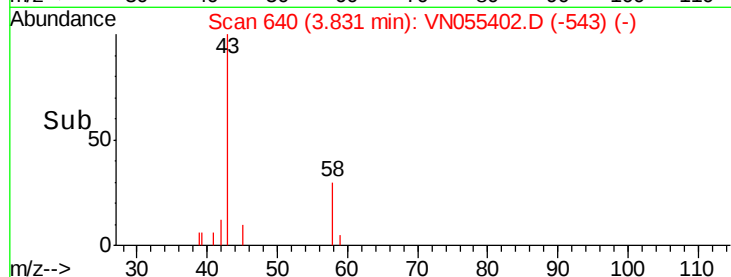


Abundance Ion 43.00 (42.70 to 43.70): VN055402.D (-543) (-)

Ion 58.00 (57.70 to 58.70): VN055402.D (-543) (-)



Time-->



#18

Methyl Acetate

Concen: 0.380 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN055402.D

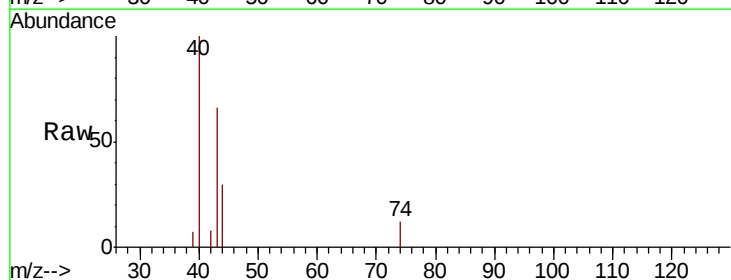
Acq: 3 May 2019 20:23

Tgt Ion: 43 Resp: 6828

Ion Ratio Lower Upper

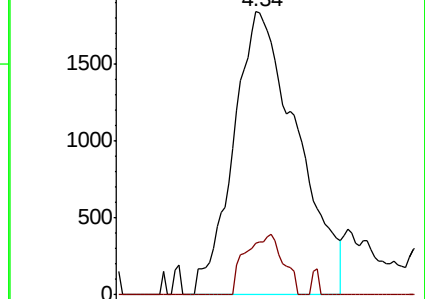
43 100

74 12.6 15.8 23.8#

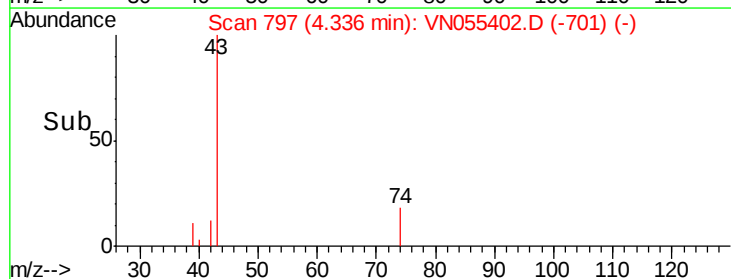


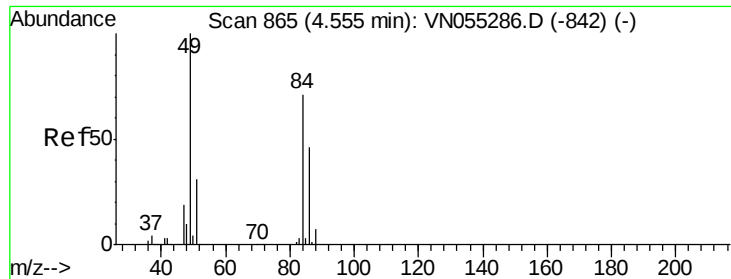
Abundance Ion 43.00 (42.70 to 43.70): VN055402.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN055402.D (-701) (-)



Time-->

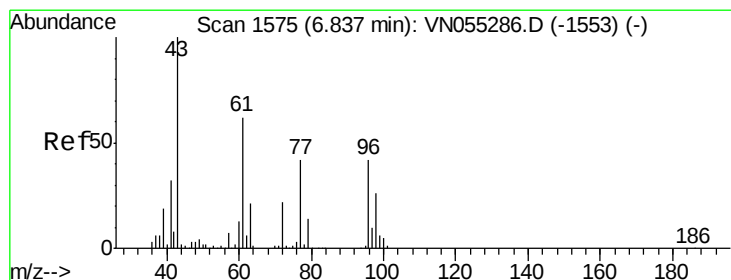
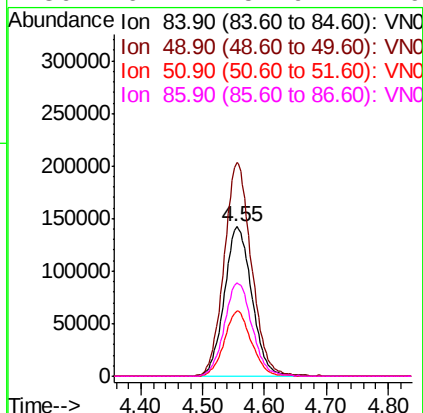
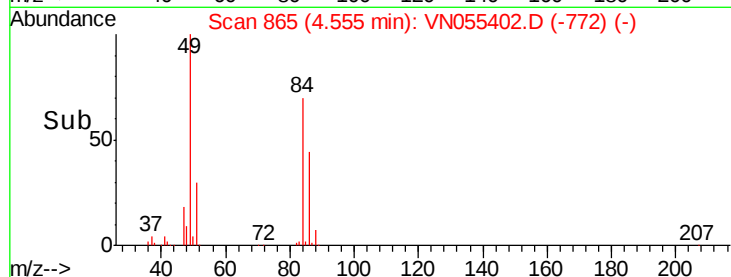
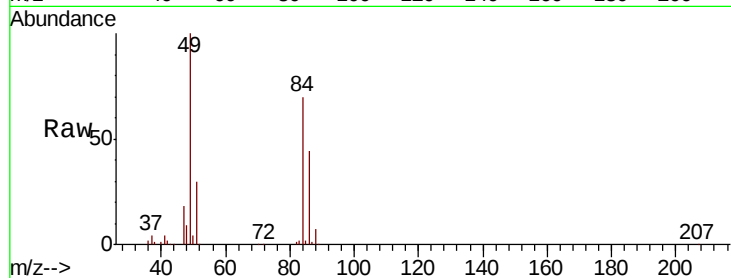




#20
Methylene Chloride
Concen: 72.374 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

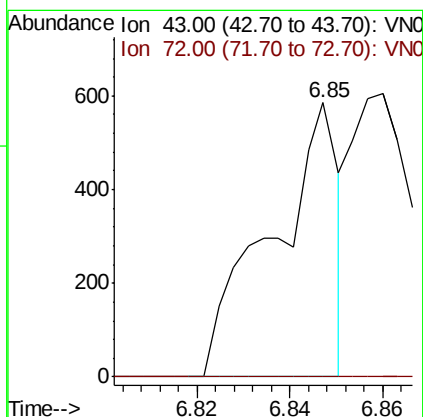
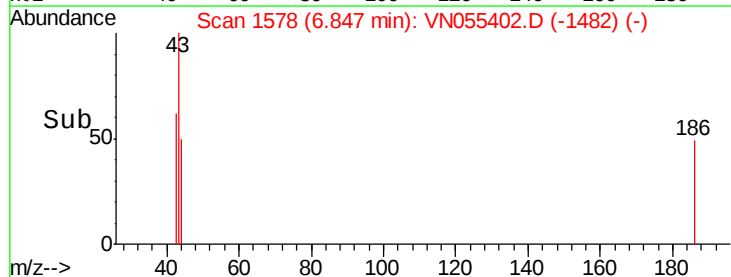
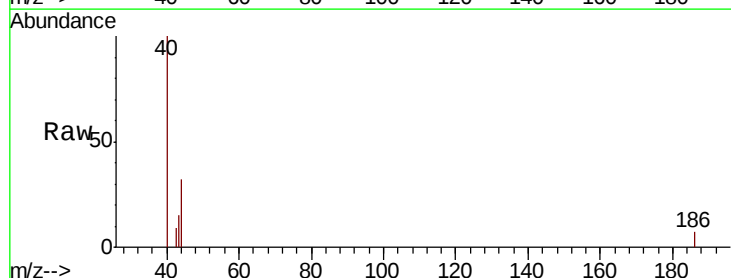
Instrument :
MSVOA_N
ClientSampleId :
OK-02-050219

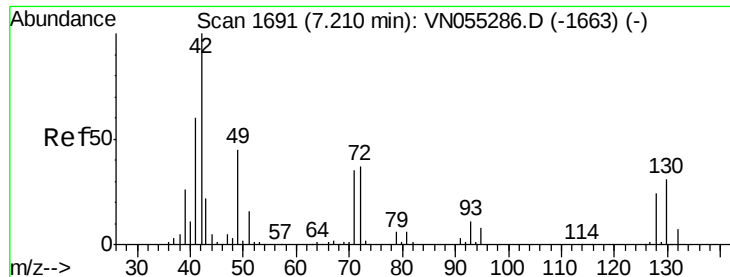
Tot Ion: 84 Resp: 439950
Ion Ratio Lower Upper
84 100
49 142.6 112.4 168.6
51 43.3 34.6 51.8
86 62.1 51.9 77.9



#25
2-Butanone
Concen: 0.230 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Tgt Ion: 43 Resp: 586
Ion Ratio Lower Upper
43 100
72 0.0 18.0 27.0#





#29

Tetrahydrofuran

Concen: 0.443 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

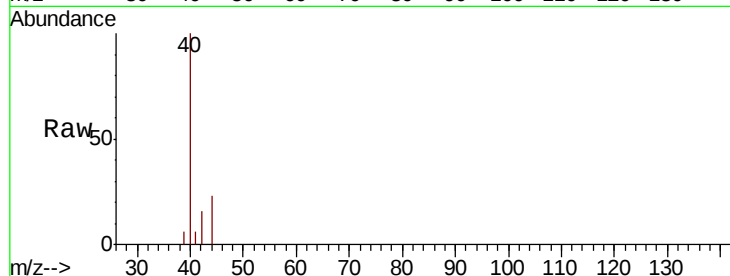
Tot Ion: 42 Resp: 722

Ion Ratio Lower Upper

42 100

72 9.6 29.0 43.6#

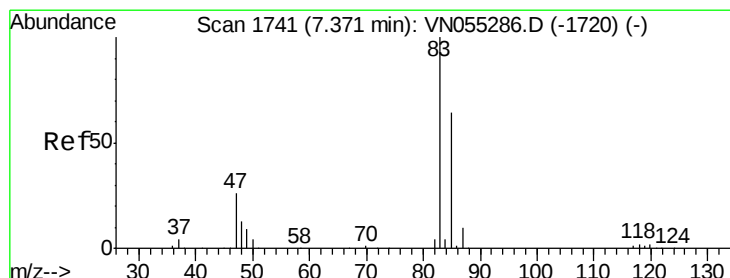
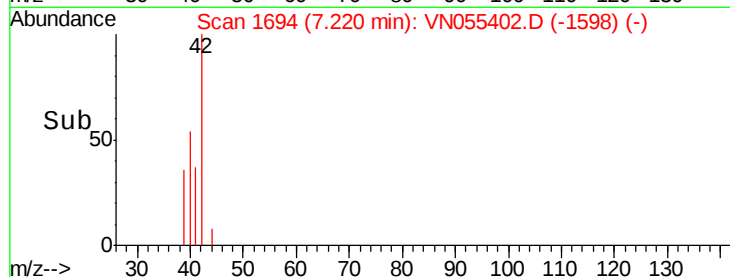
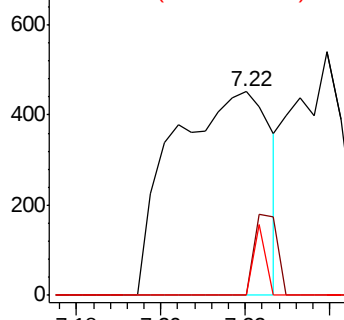
71 4.2 27.1 40.7#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.253 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055402.D

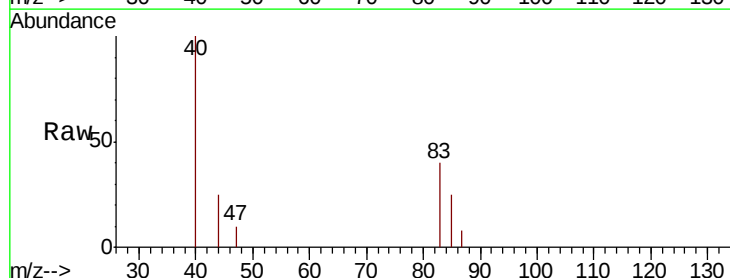
Acq: 3 May 2019 20:23

Tgt Ion: 83 Resp: 2541

Ion Ratio Lower Upper

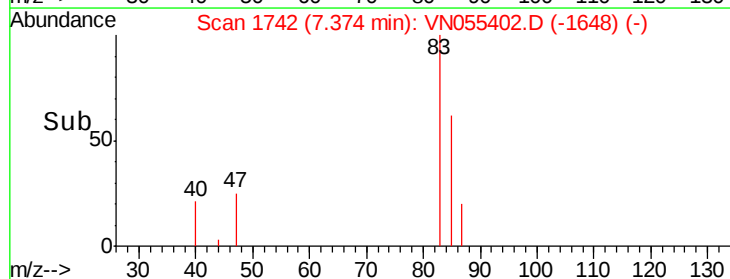
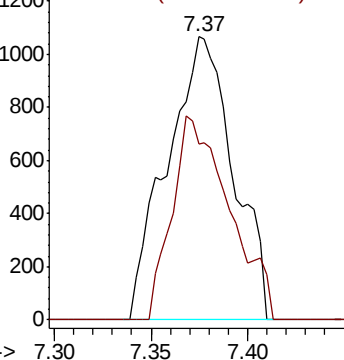
83 100

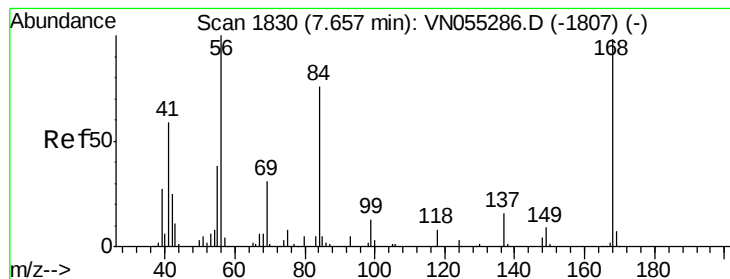
85 62.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 0.992 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

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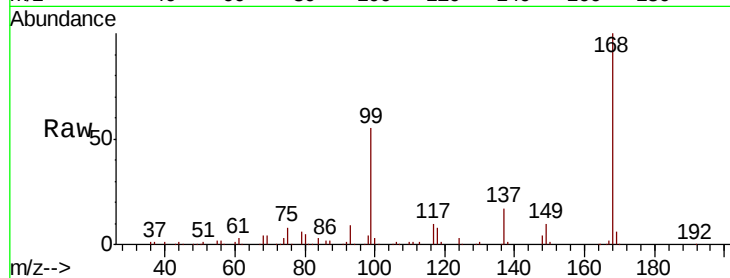
Tot Ion: 56 Resp: 9976

Ion Ratio Lower Upper

56 100

69 178.9 25.2 37.8#

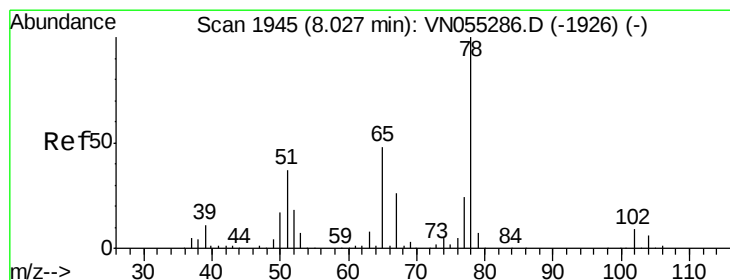
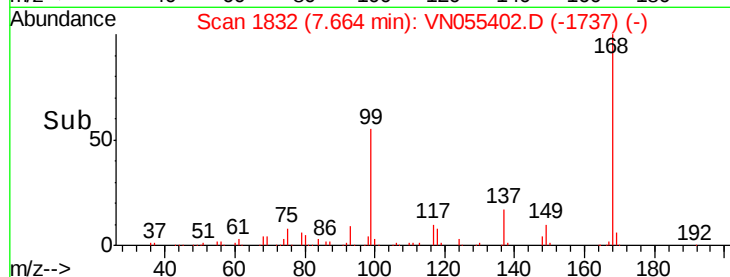
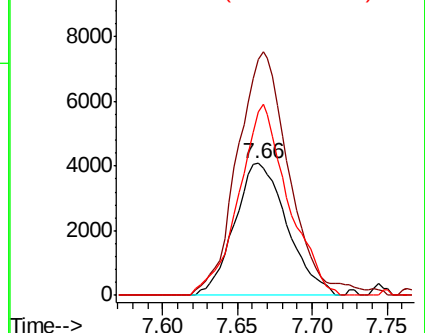
84 138.6 61.1 91.7#



Abundance Ion 56.00 (55.70 to 56.70): VN055402.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055402.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055402.D (-1737) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.229 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055402.D

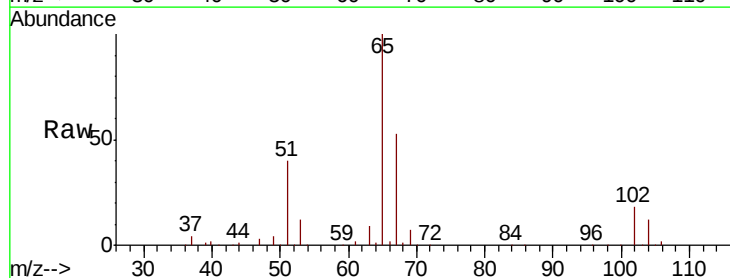
Acq: 3 May 2019 20:23

Tgt Ion: 65 Resp: 333828

Ion Ratio Lower Upper

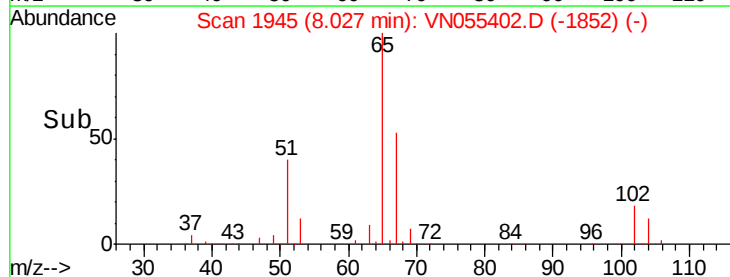
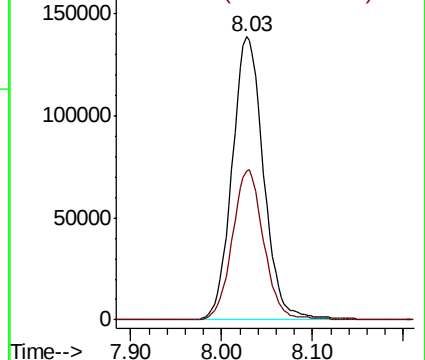
65 100

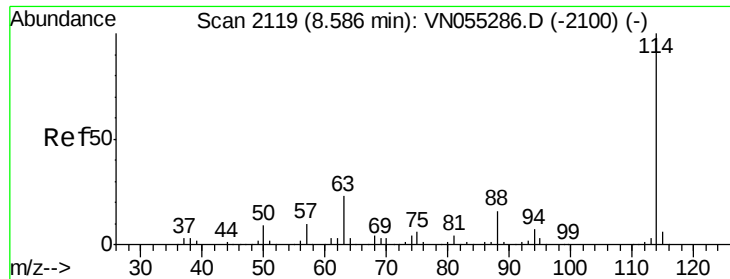
67 52.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055402.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055402.D (-1852) (-)

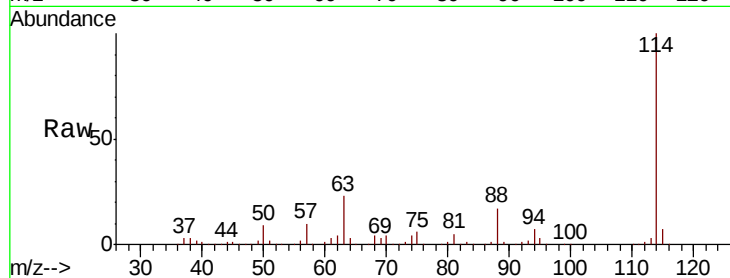




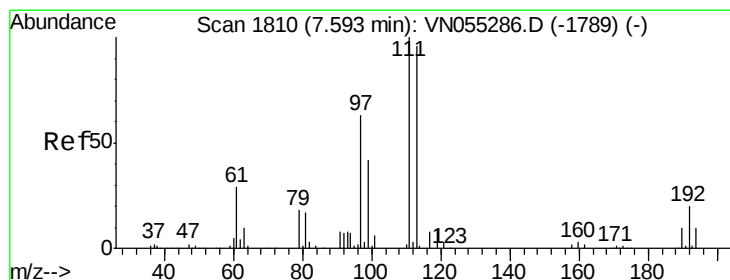
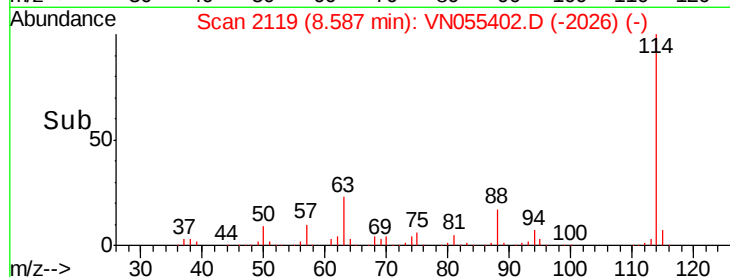
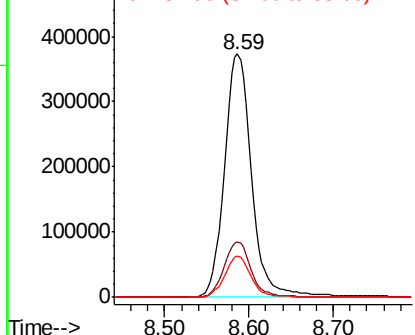
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

Tot Ion:114 Resp: 835146
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 16.9 0.0 31.6

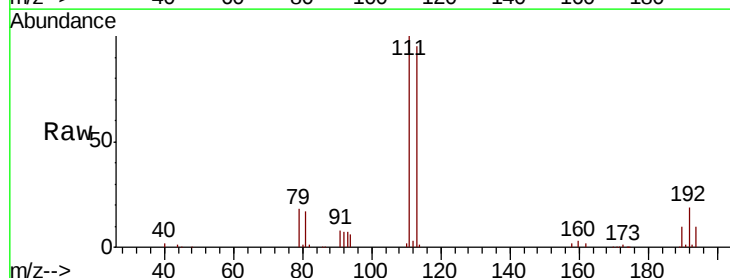


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

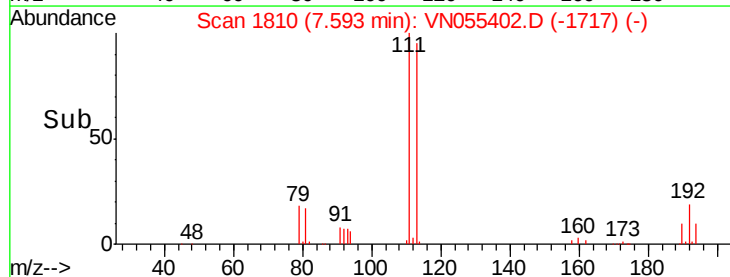
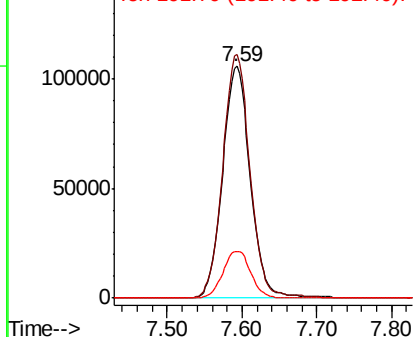


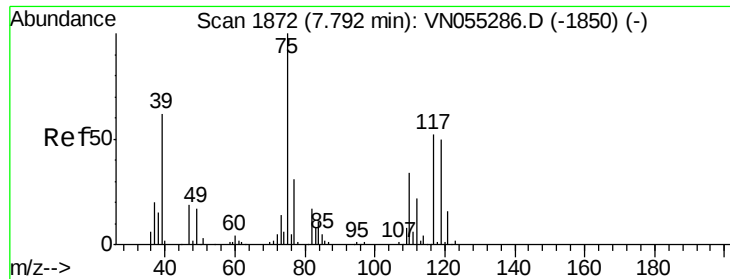
#35
 Dibromofluoromethane
 Concen: 49.444 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Tgt Ion:113 Resp: 271032
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.3 123.5
 192 20.4 17.0 25.6



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

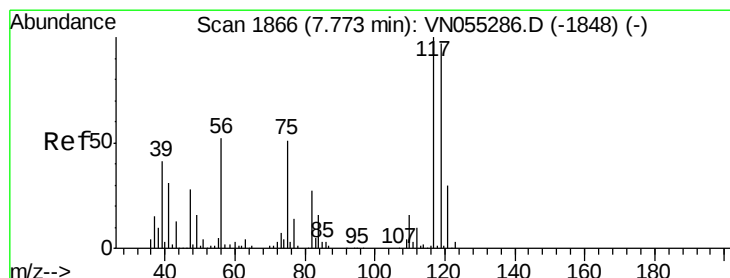
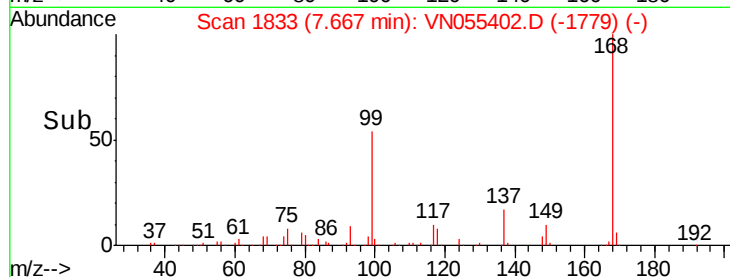
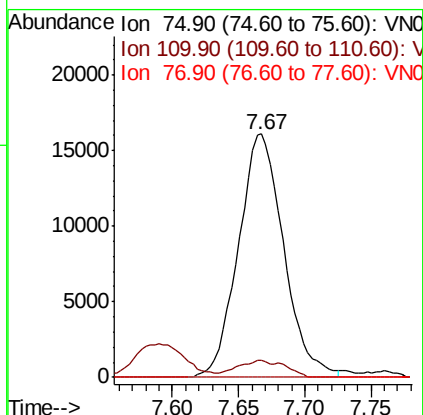
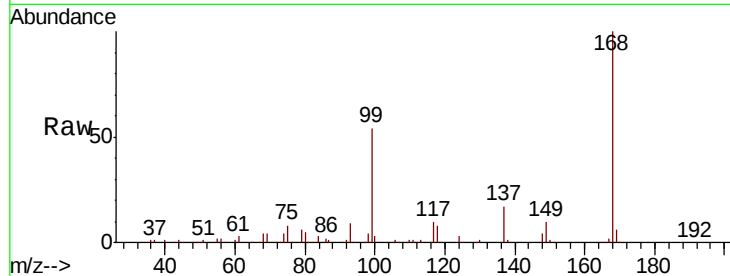




#36
 1,1-Dichloropropene
 Concen: 4.778 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

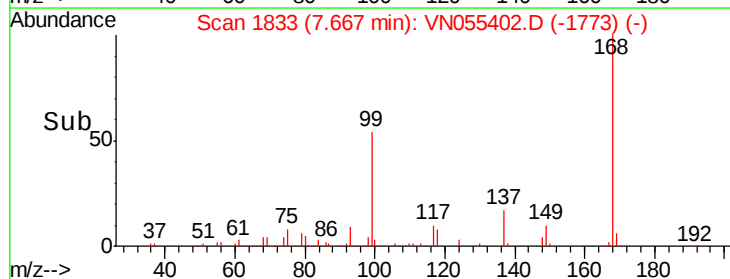
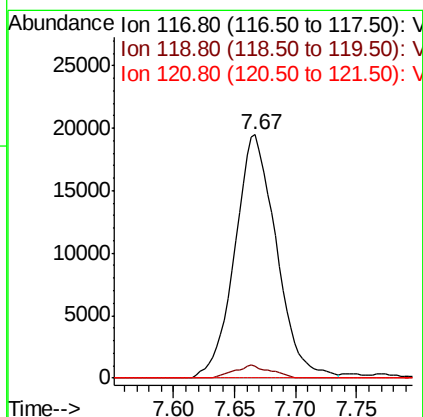
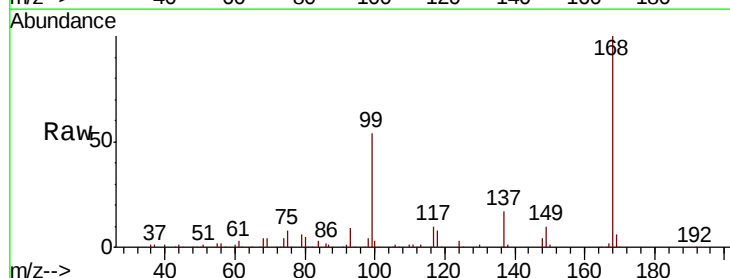
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

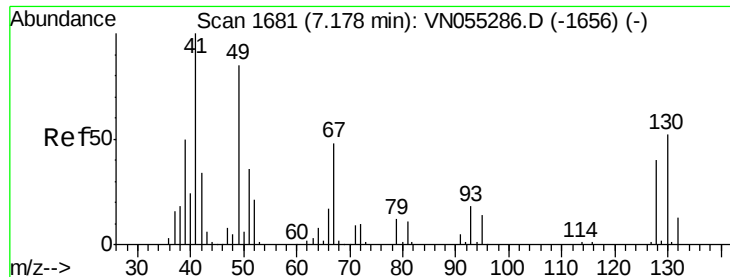
Tot Ion: 75 Resp: 38222
 Ion Ratio Lower Upper
 75 100
 110 7.4 16.8 50.4#
 77 0.0 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.952 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Tgt Ion: 117 Resp: 45930
 Ion Ratio Lower Upper
 117 100
 119 4.7 77.0 115.6#
 121 0.0 23.8 35.8#

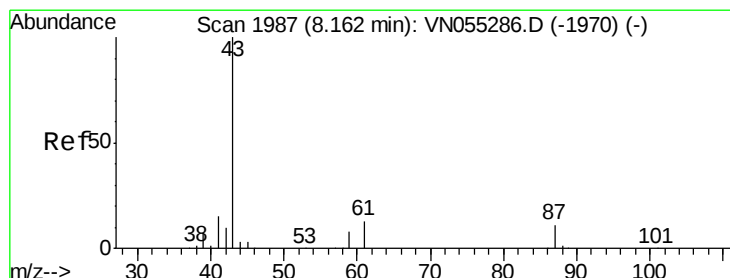
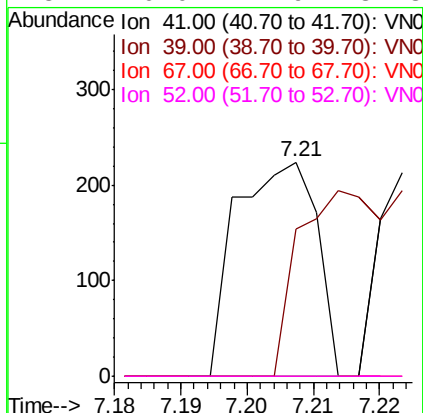
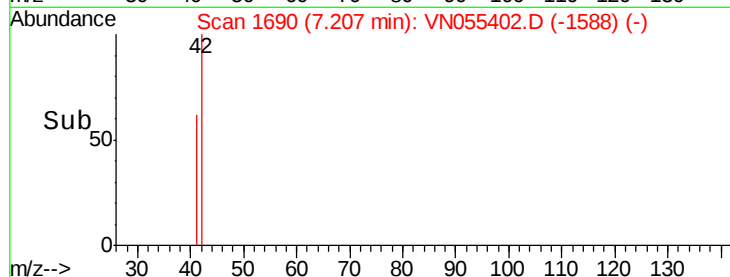
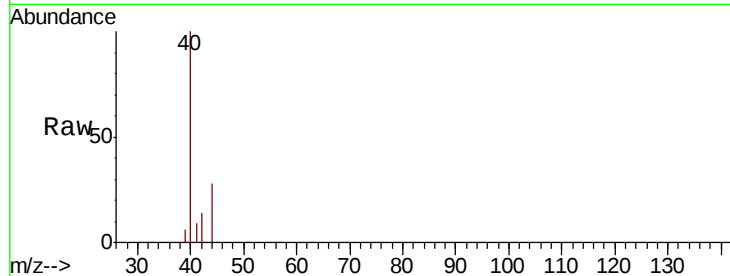




#41
Methacrylonitrile
Concen: 0.796 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

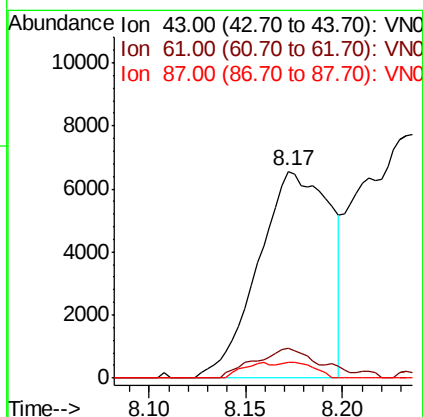
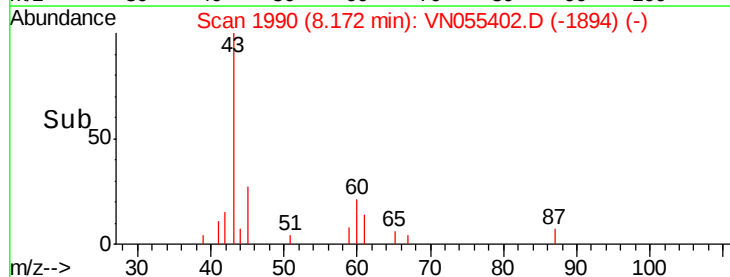
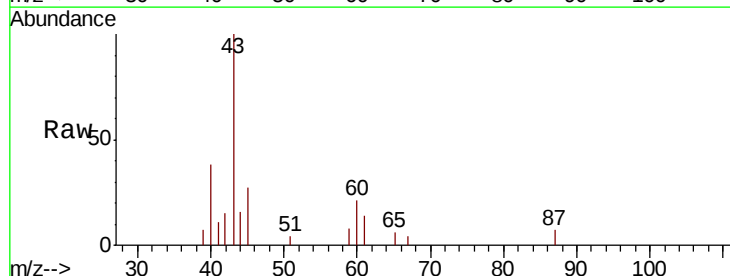
Instrument :
MSVOA_N
ClientSampled :
OK-02-050219

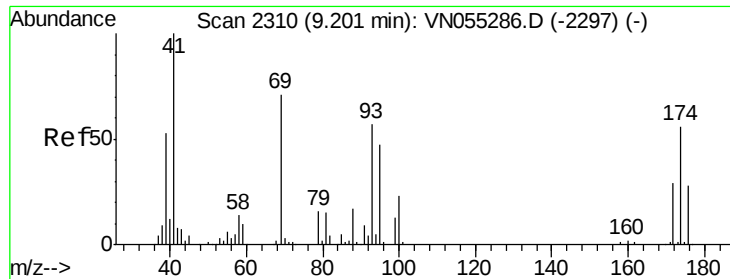
Tot Ion: 41 Resp: 189
Ion Ratio Lower Upper
41 100
39 88.4 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#43
Isopropyl Acetate
Concen: 1.721 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.01 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Tgt Ion: 43 Resp: 16952
Ion Ratio Lower Upper
43 100
61 12.9 20.8 31.2#
87 3.4 8.5 12.7#

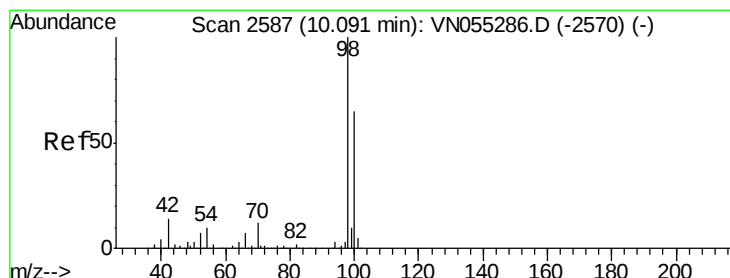
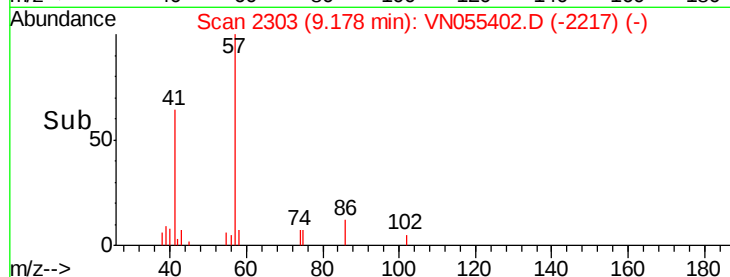
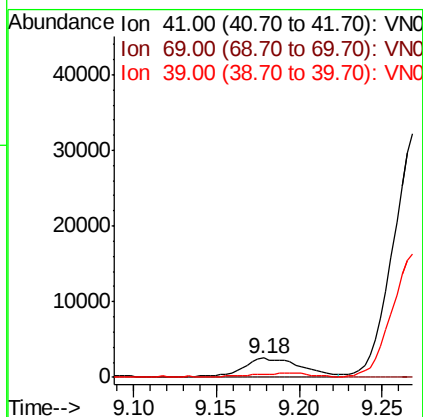
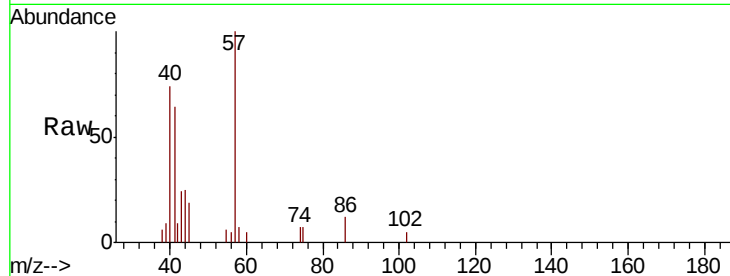




#48
Methyl methacrylate
Concen: 1.281 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

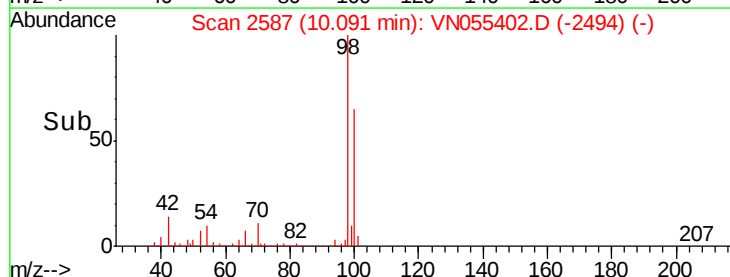
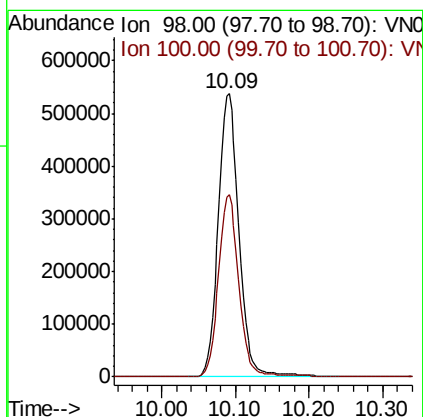
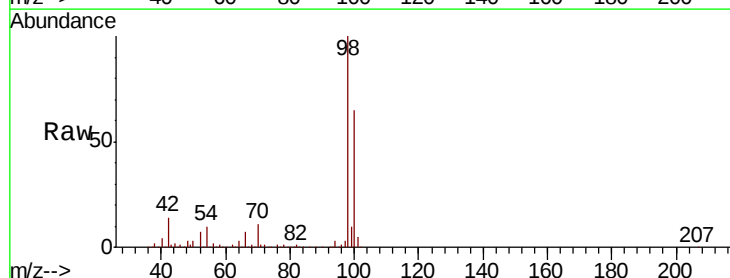
Instrument :
MSVOA_N
ClientSampleId :
OK-02-050219

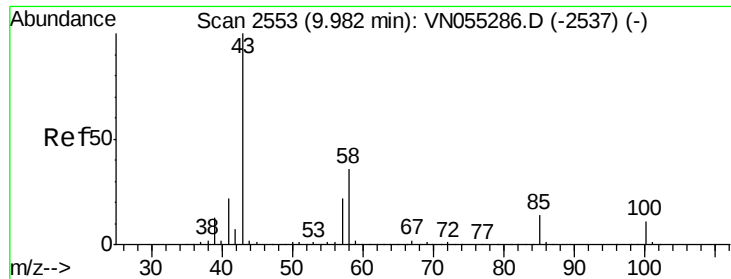
Tot Ion: 41 Resp: 6207
Ion Ratio Lower Upper
41 100
69 0.0 58.6 87.8#
39 21.4 43.8 65.6#



#50
Toluene-d8
Concen: 52.822 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Tgt Ion: 98 Resp: 1045536
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.737 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

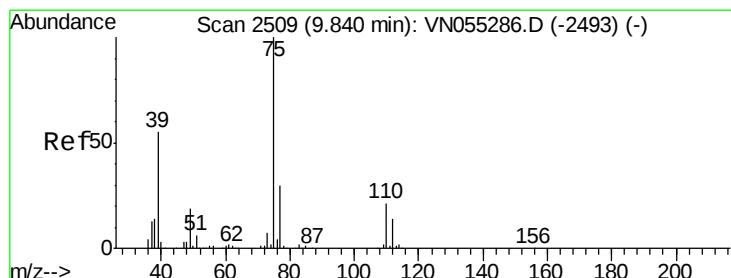
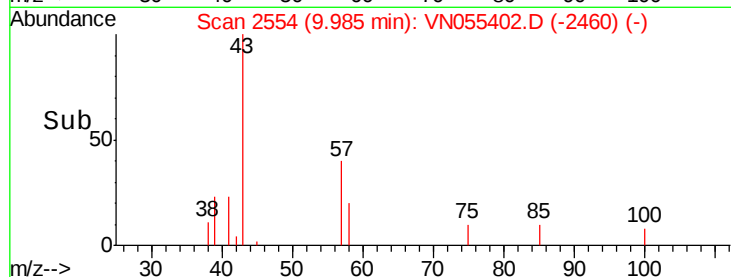
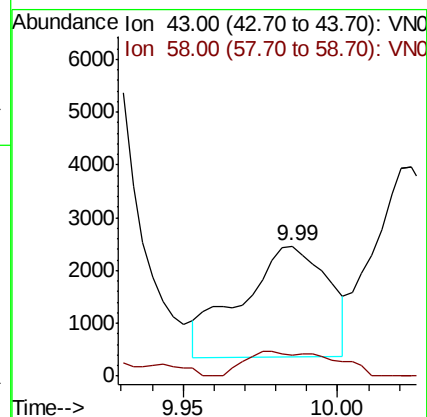
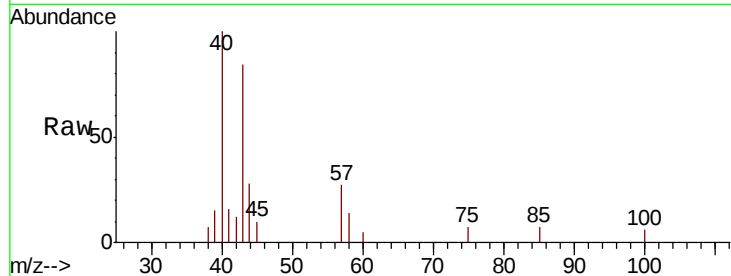
OK-02-050219

Tot Ion: 43 Resp: 4088

Ion Ratio Lower Upper

43 100

58 12.1 28.5 42.7#



#54

cis-1,3-Dichloropropene

Concen: 4.552 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.06 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

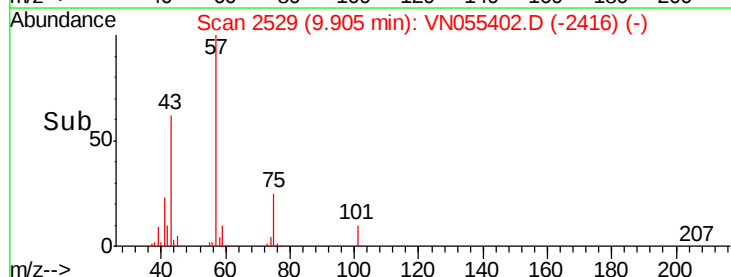
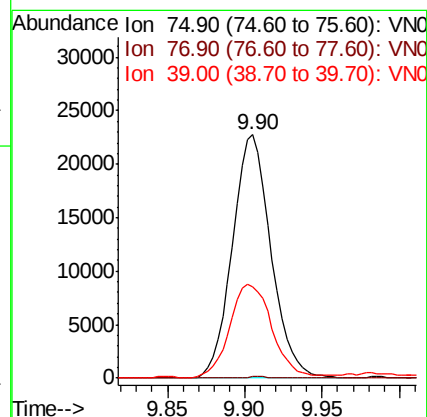
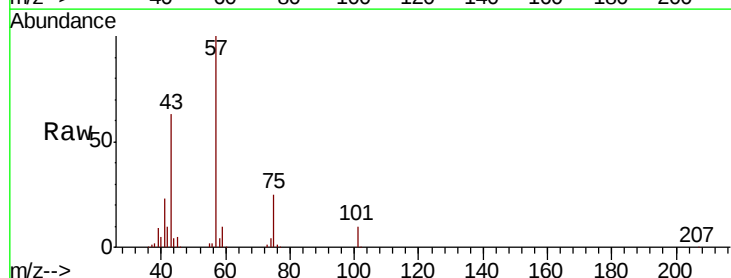
Tgt Ion: 75 Resp: 39297

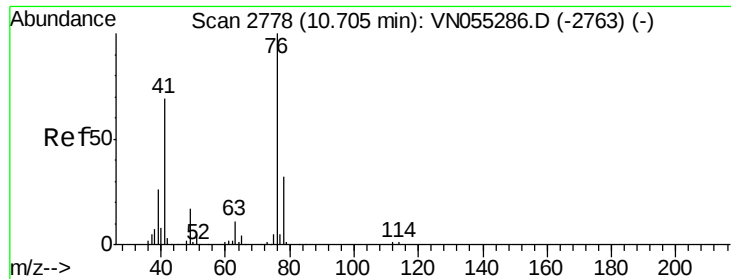
Ion Ratio Lower Upper

75 100

77 0.7 24.2 36.2#

39 37.3 44.2 66.2#

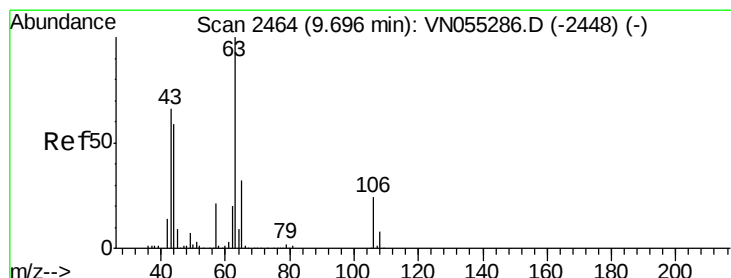
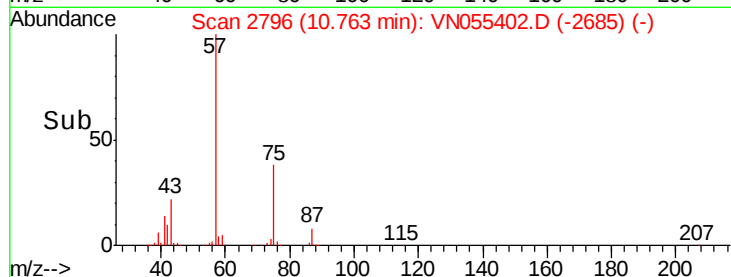
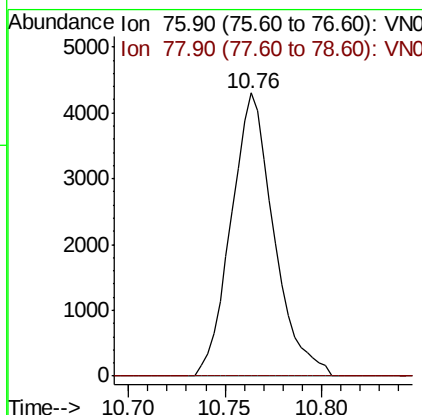
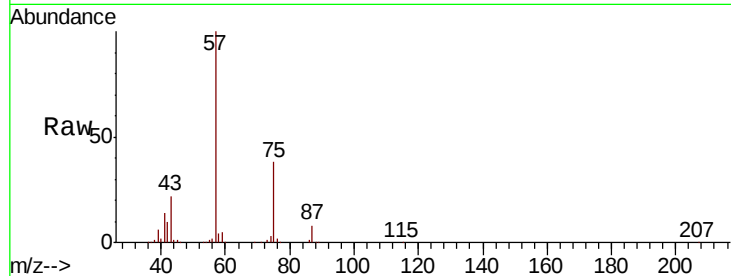




#57
 1,3-Dichloropropane
 Concen: 0.751 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

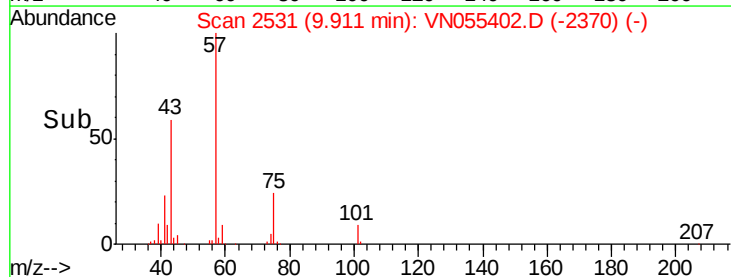
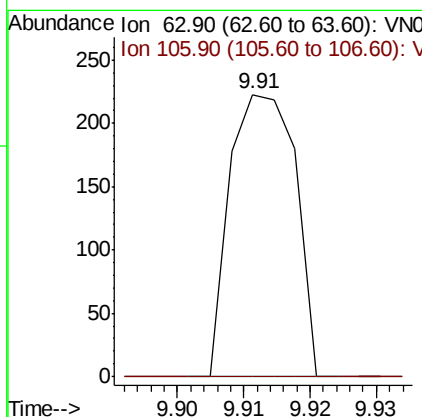
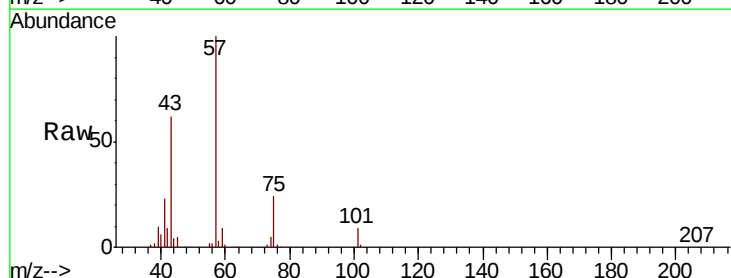
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-050219

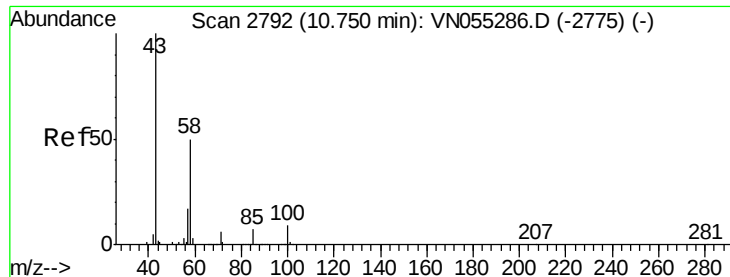
Tot Ion: 76 Resp: 6617
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.6 38.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 12.481 ug/l
 RT: 9.91 min Scan# 2531
 Delta R.T. 0.22 min
 Lab File: VN055402.D
 Acq: 3 May 2019 20:23

Tgt Ion: 63 Resp: 154
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.0 28.4#

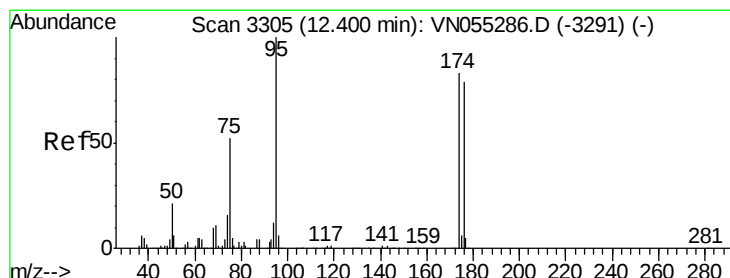
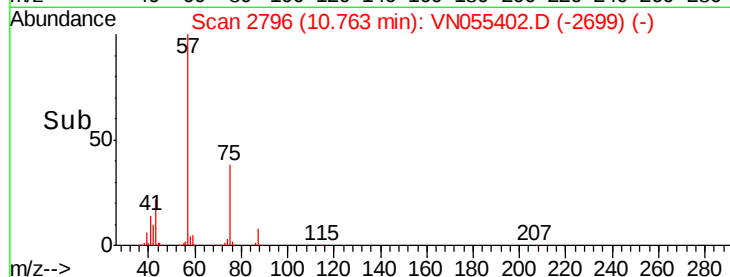
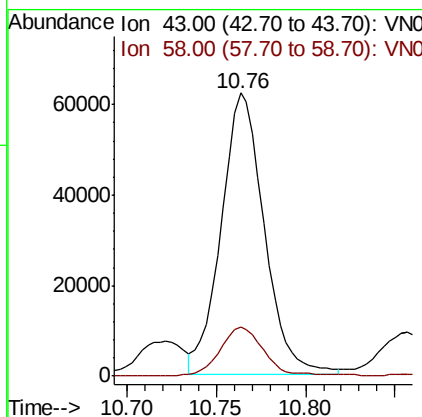
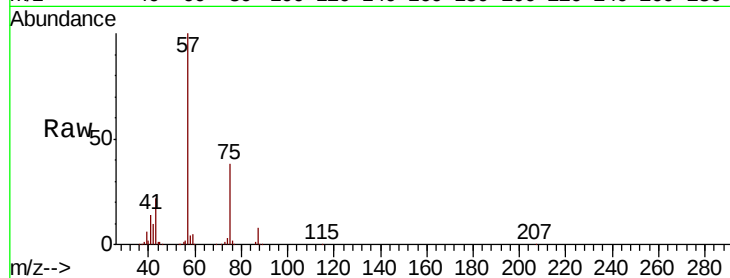




#59
2-Hexanone
Concen: 30.089 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

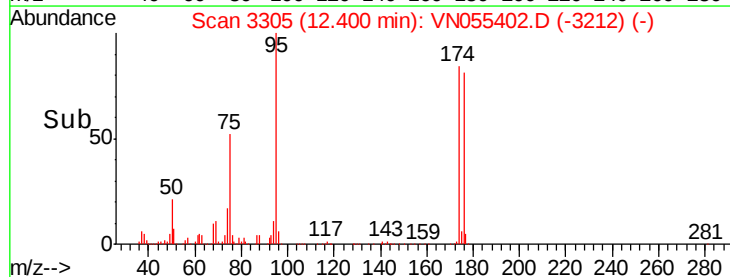
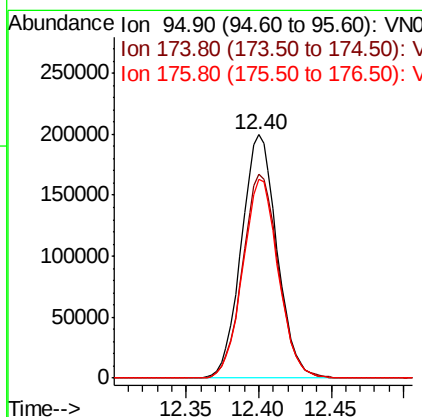
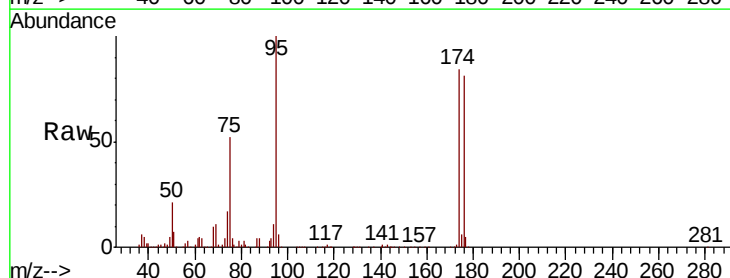
Instrument :
MSVOA_N
ClientSampleId :
OK-02-050219

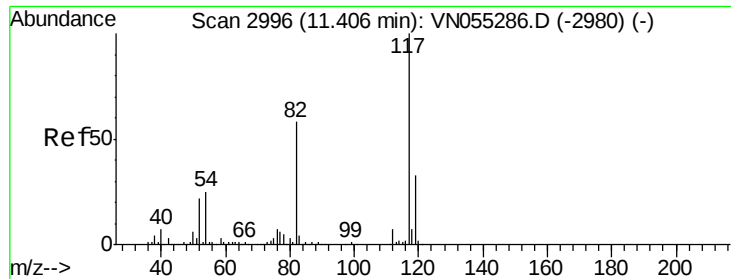
Tot Ion: 43 Resp: 104433
Ion Ratio Lower Upper
43 100
58 17.8 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 55.231 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Tgt Ion: 95 Resp: 341670
Ion Ratio Lower Upper
95 100
174 84.3 0.0 166.6
176 81.6 0.0 157.8

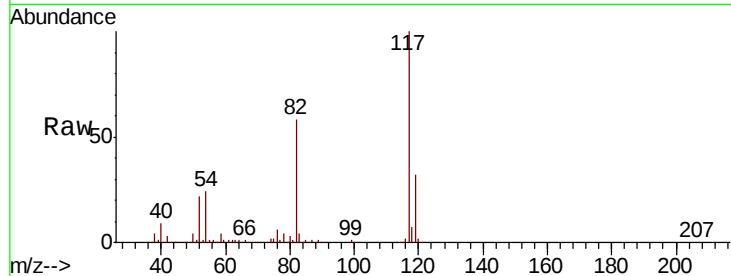




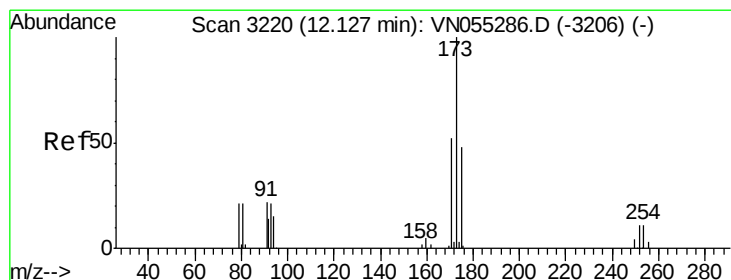
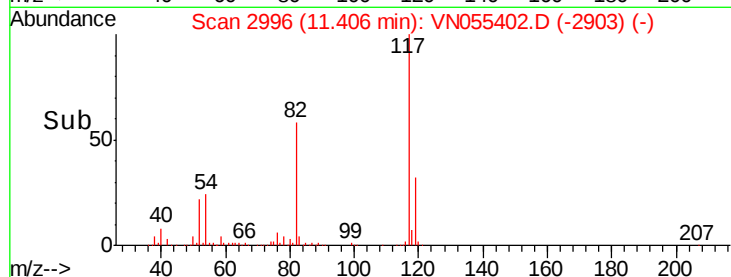
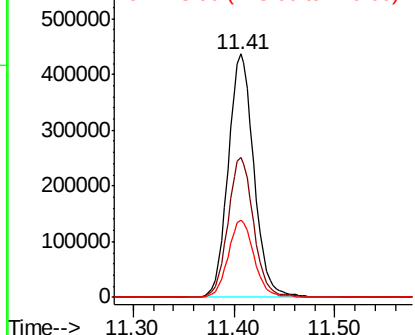
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Instrument :
MSVOA_N
ClientSampleId :
OK-02-050219

Tot Ion:117 Resp: 777456
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.7 26.6 40.0

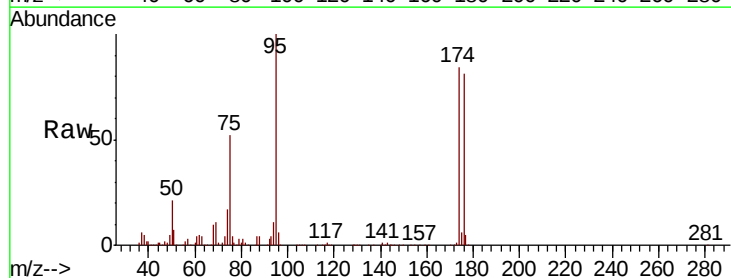


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

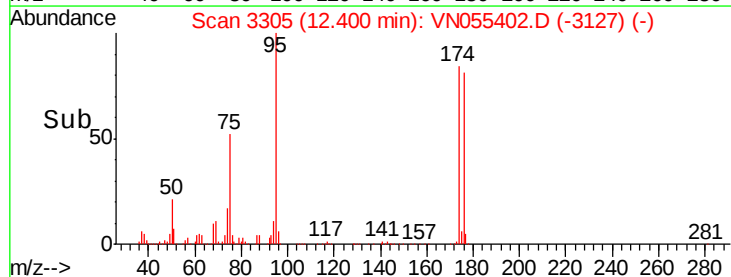
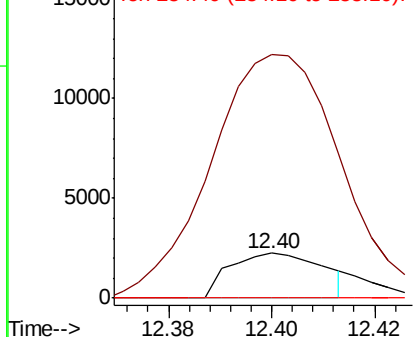


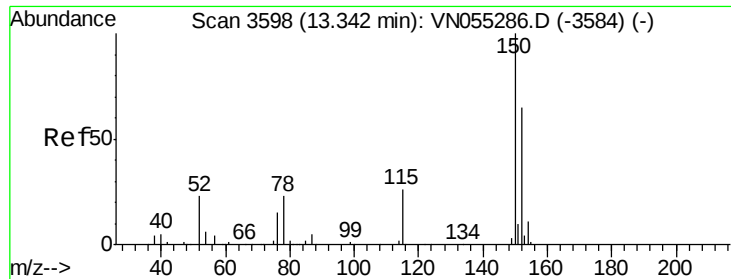
#71
Bromoform
Concen: 0.851 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN055402.D
Acq: 3 May 2019 20:23

Tgt Ion:173 Resp: 2810
Ion Ratio Lower Upper
173 100
175 674.3 23.6 71.0#
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: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

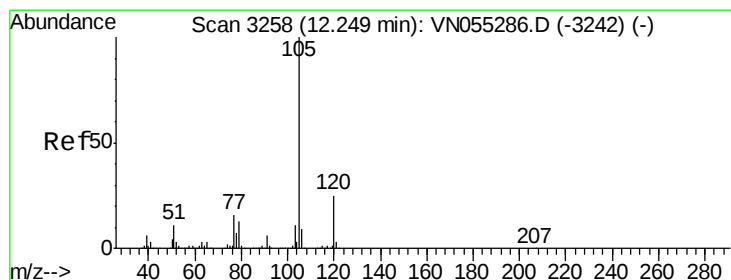
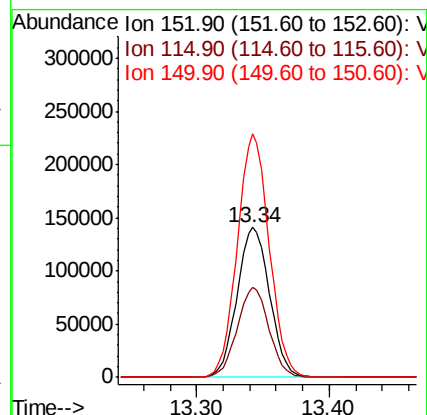
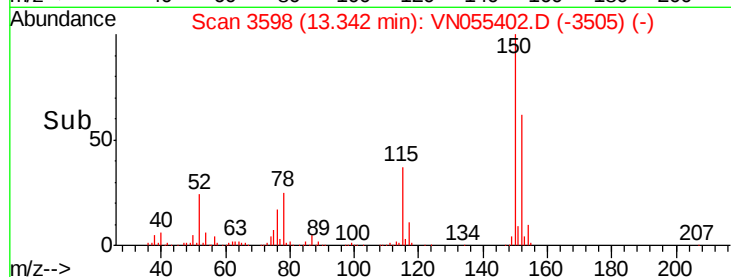
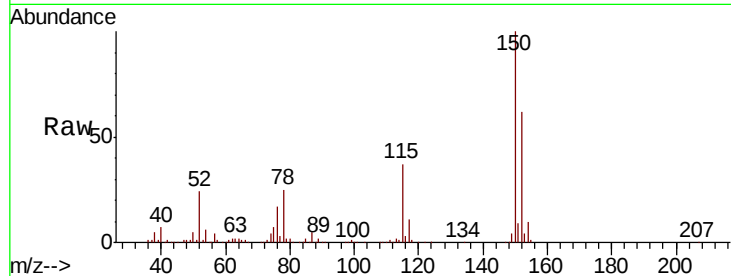
Tot Ion:152 Resp: 240248

Ion Ratio Lower Upper

152 100

115 58.7 29.0 87.0

150 158.6 0.0 345.6



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.40 min Scan# 3305

Delta R.T. 0.15 min

Lab File: VN055402.D

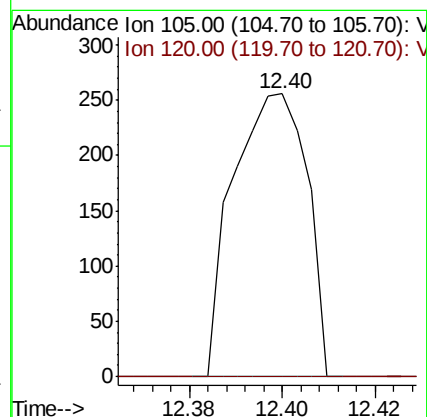
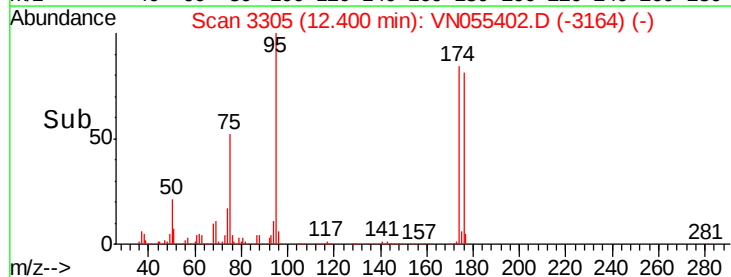
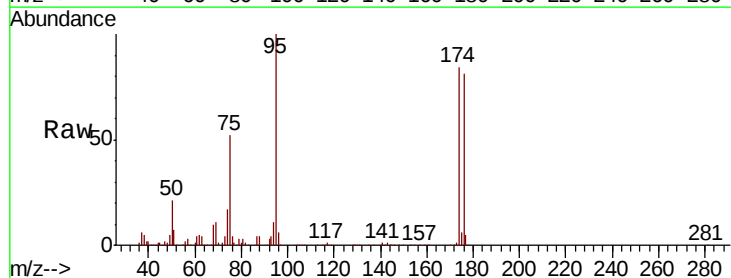
Acq: 3 May 2019 20:23

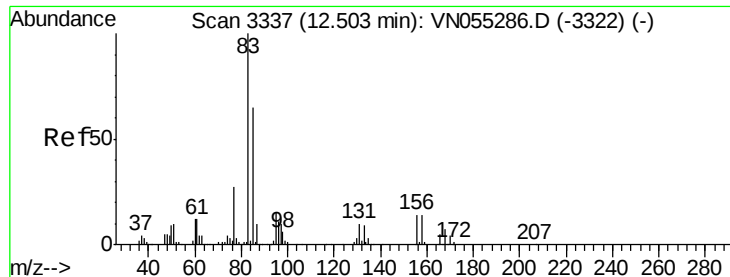
Tgt Ion:105 Resp: 284

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.40 min Scan# 3304

Delta R.T. -0.11 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

OK-02-050219

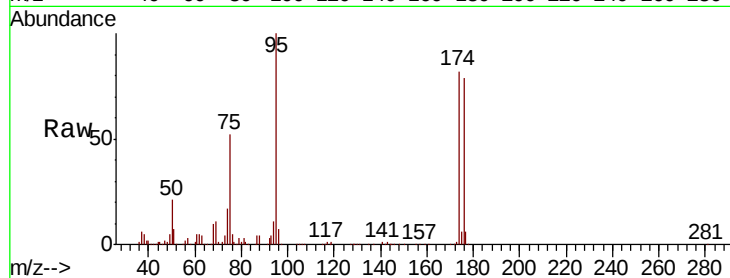
Tot Ion: 83 Resp: 108

Ion Ratio Lower Upper

83 100

131 153.7 5.1 15.2#

85 0.0 32.3 96.8#

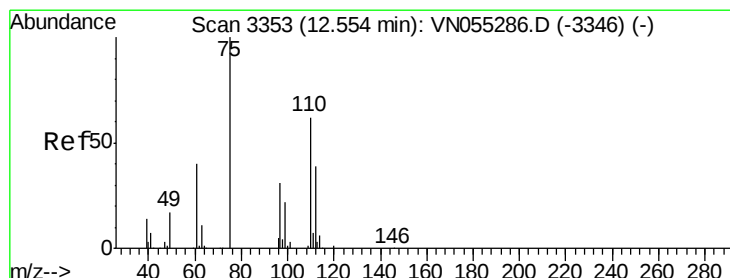
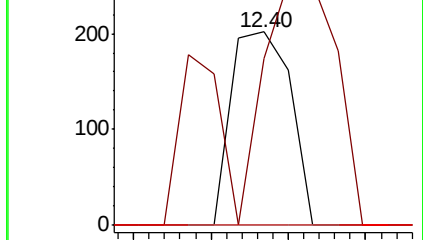
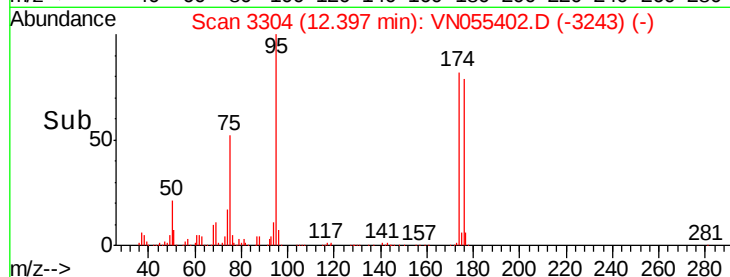


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

Time--> 12.38 12.39 12.40 12.41



#76

1,2,3-Trichloropropane

Concen: 39.529 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055402.D

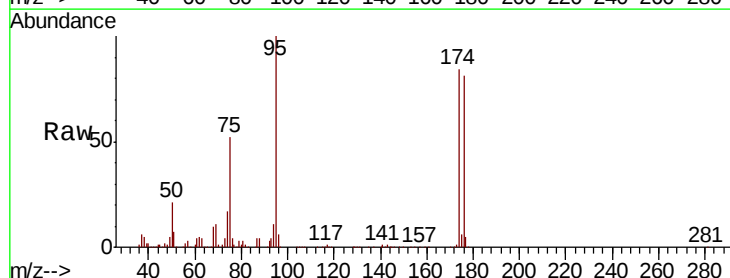
Acq: 3 May 2019 20:23

Tgt Ion: 75 Resp: 178875

Ion Ratio Lower Upper

75 100

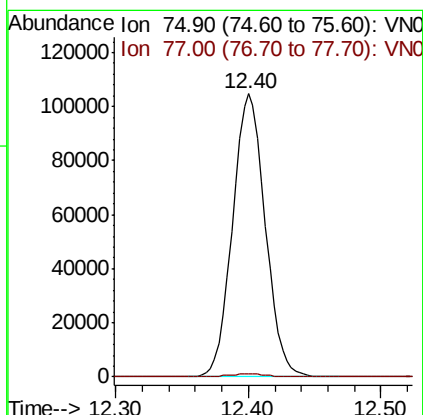
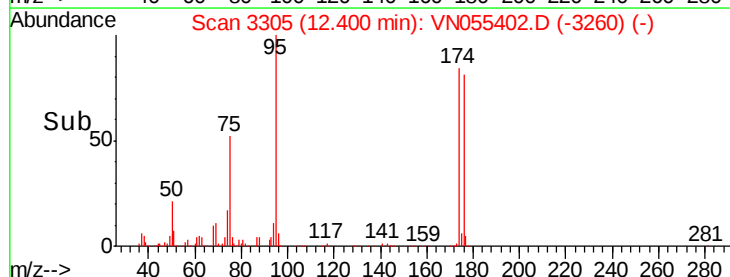
77 1.2 0.0 0.0#

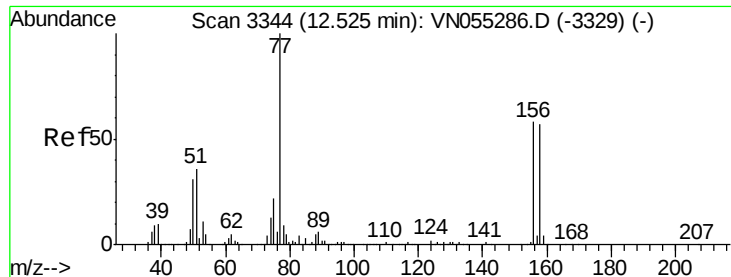


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

Time--> 12.30 12.40 12.50





#77

Bromobenzene

Concen: Below Cal

RT: 12.71 min Scan# 3401

Delta R.T. 0.18 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampled :

OK-02-050219

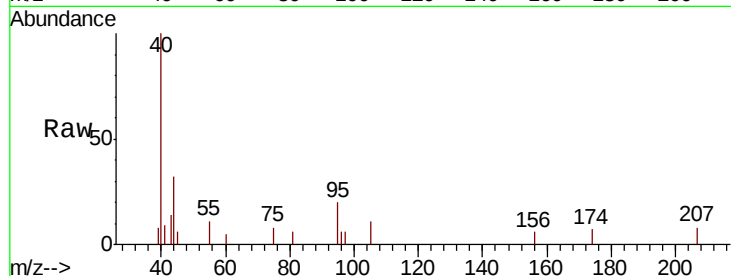
Tot Ion:156 Resp: 33

Ion Ratio Lower Upper

156 100

77 548.5 99.6 298.8#

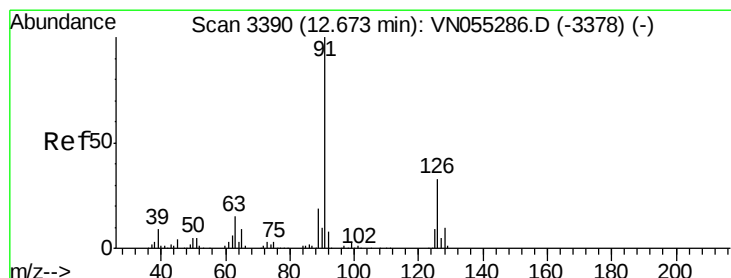
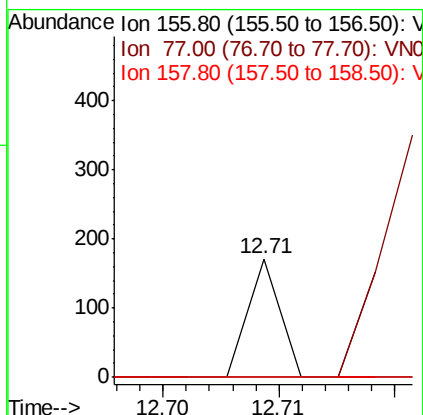
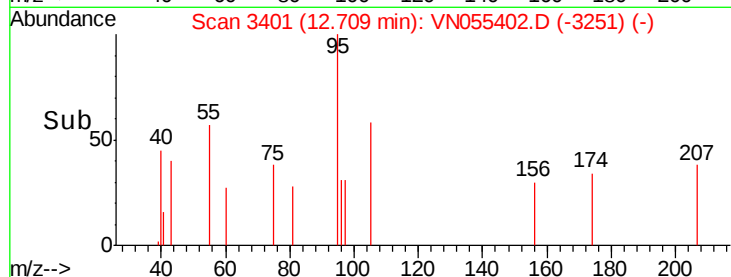
158 0.0 49.3 147.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VN055402.D

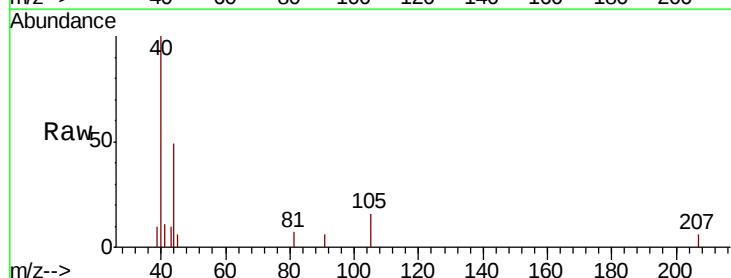
Acq: 3 May 2019 20:23

Tgt Ion: 91 Resp: 29

Ion Ratio Lower Upper

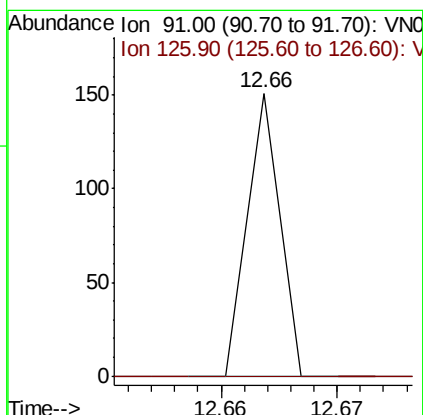
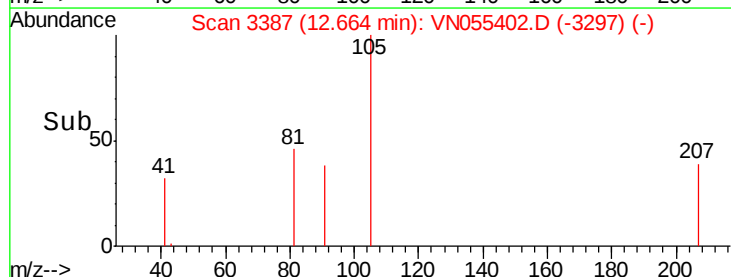
91 100

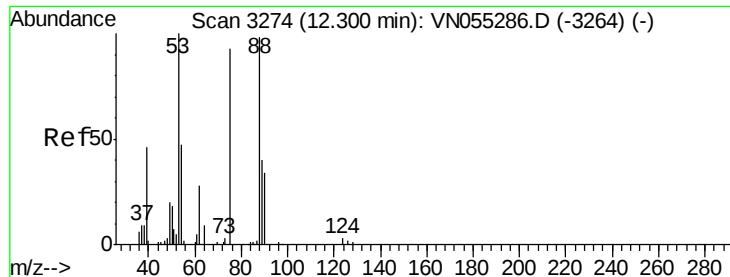
126 0.0 16.6 49.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 141.096 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampled :

OK-02-050219

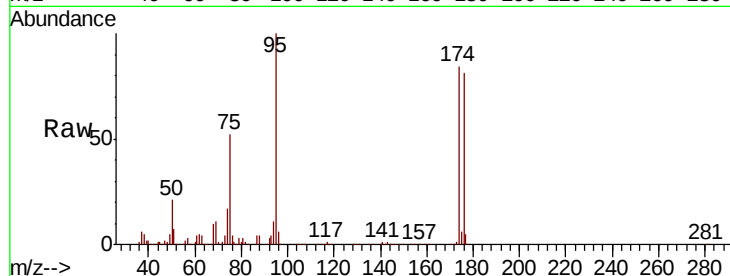
Tot Ion: 75 Resp: 178875

Ion Ratio Lower Upper

75 100

53 0.0 86.3 129.5#

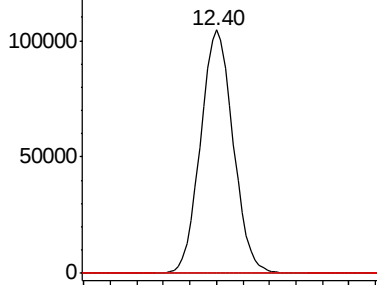
89 0.0 34.6 51.8#



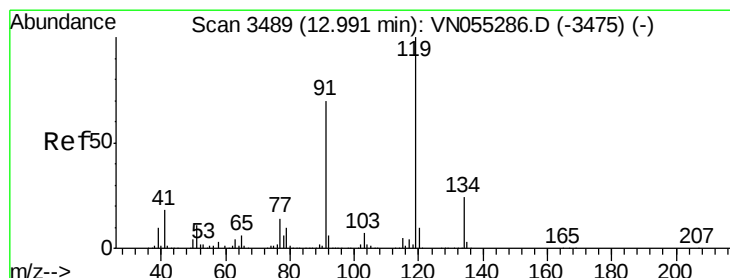
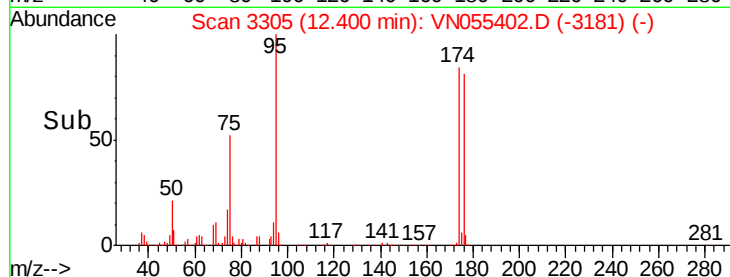
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time--> 12.30 12.40 12.50



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

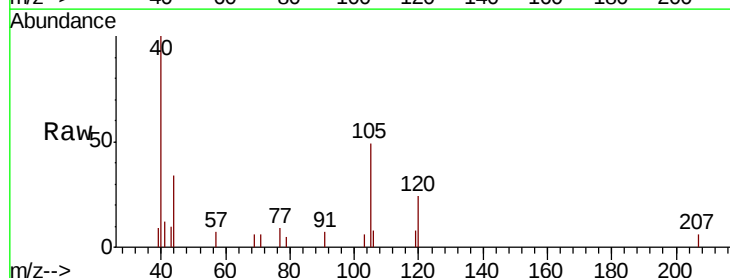
Tgt Ion: 119 Resp: 152

Ion Ratio Lower Upper

119 100

91 203.9 34.3 102.9#

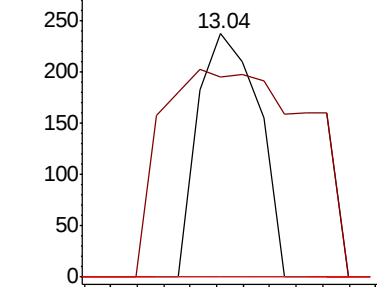
134 0.0 13.1 39.3#



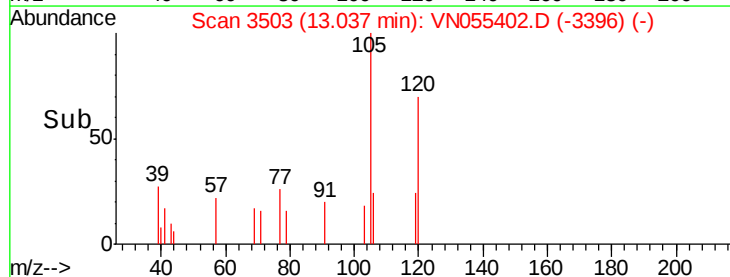
Abundance Ion 119.00 (118.70 to 119.70): V

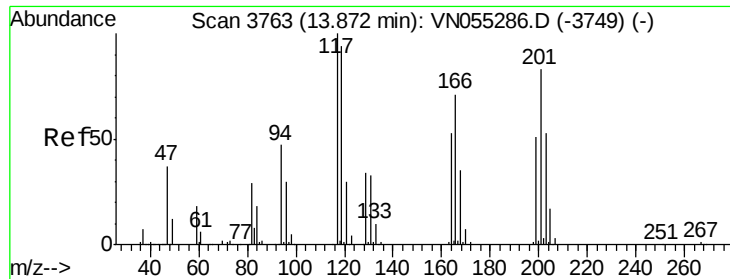
Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V



Time--> 13.02 13.04





#90

Hexachloroethane

Concen: Below Cal

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

Instrument :

MSVOA_N

ClientSampleId :

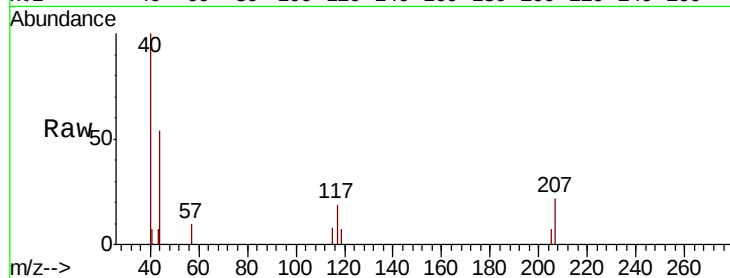
OK-02-050219

Tot Ion:117 Resp: 440

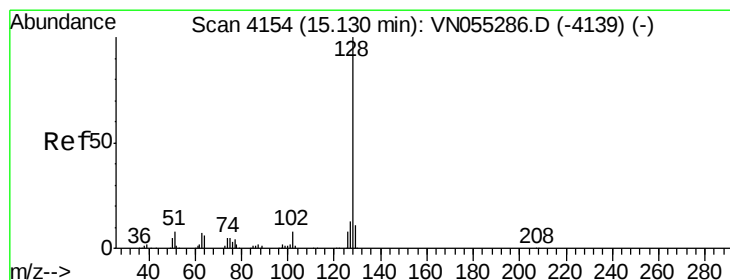
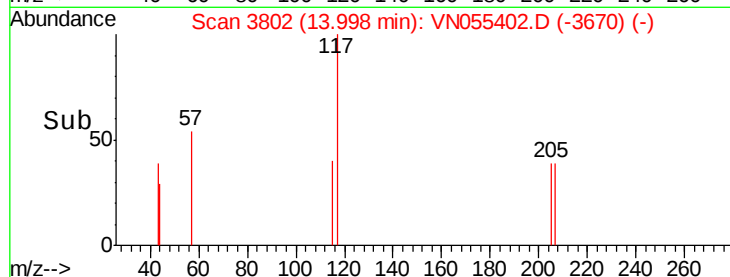
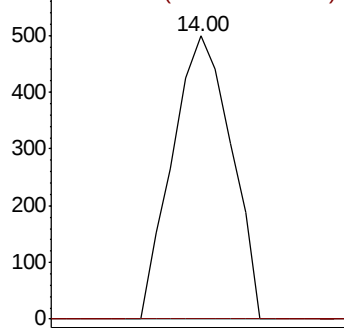
Ion Ratio Lower Upper

117 100

201 0.0 41.9 125.8#



Abundance Ion 116.80 (116.50 to 117.50): V



#95

Naphthalene

Concen: 3.546 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055402.D

Acq: 3 May 2019 20:23

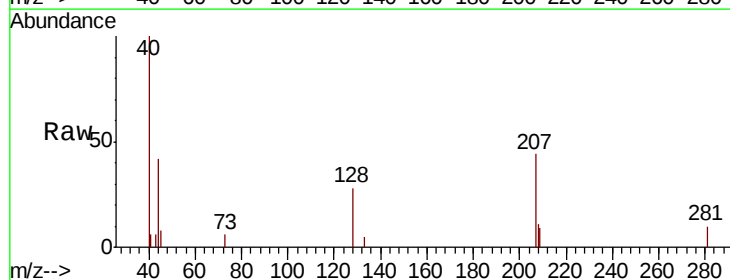
Tgt Ion:128 Resp: 1559

Ion Ratio Lower Upper

128 100

127 0.0 10.7 16.1#

129 4.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

