

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053935.D
 Acq On : 25 Feb 2019 17:49
 Operator : JC/SP
 Sample : K1348-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-022219-B

Quant Time: Feb 26 06:18:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	673014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1165353	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1132646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	420151	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	407348	51.63	ug/l	0.00
Spiked Amount			Recovery	=	103.26%	
35) Dibromofluoromethane	7.59	113	379385	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
50) Toluene-d8	10.09	98	1480667	52.78	ug/l	0.00
Spiked Amount			Recovery	=	105.56%	
62) 4-Bromofluorobenzene	12.40	95	486699	52.07	ug/l	0.00
Spiked Amount			Recovery	=	104.14%	

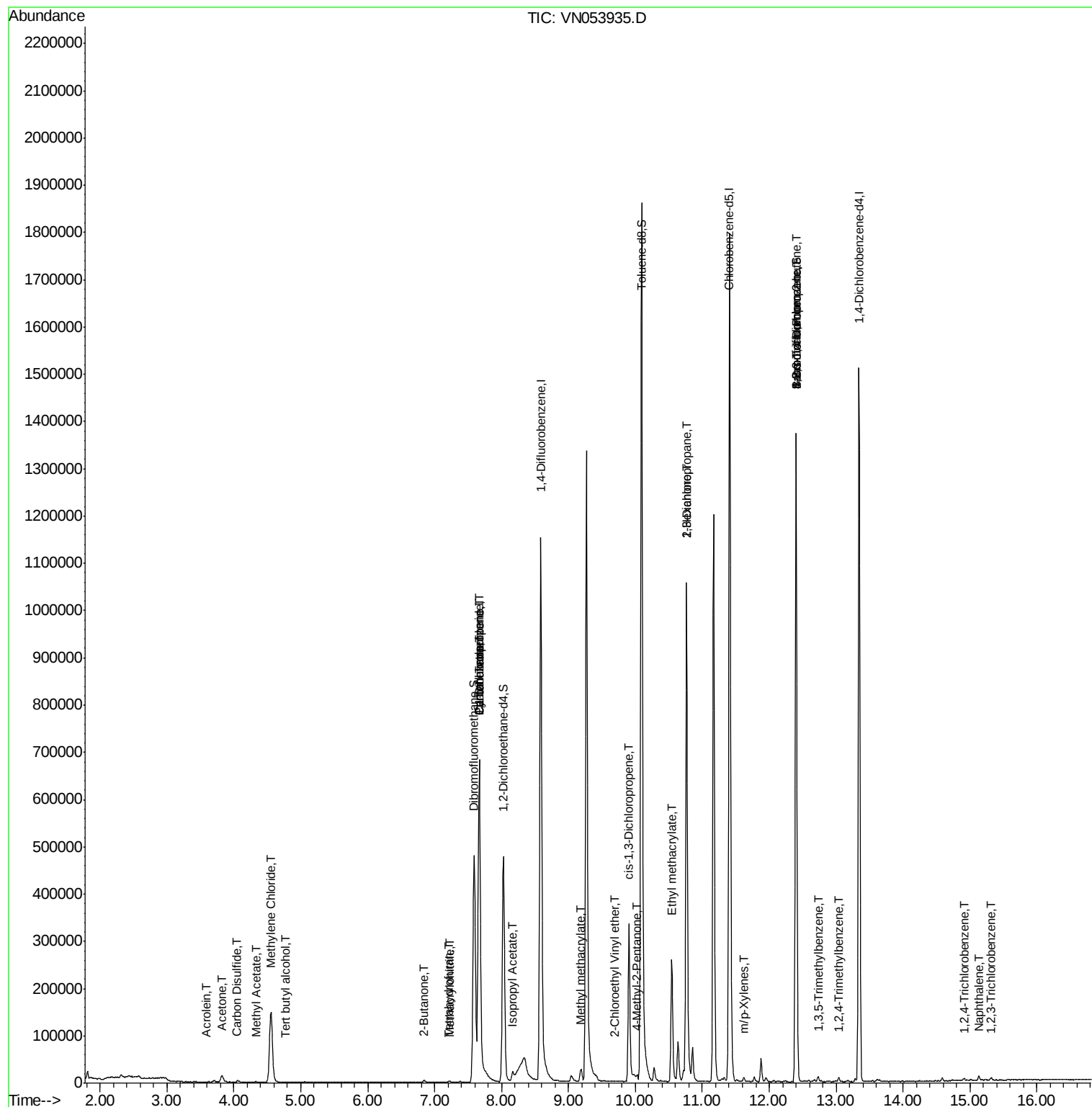
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.79	59	242	0.484	ug/l #	73
13) Acrolein	3.60	56	127	0.245	ug/l #	14
16) Acetone	3.82	43	26010	0.311	ug/l	99
17) Carbon Disulfide	4.06	76	5094	0.238	ug/l #	74
18) Methyl Acetate	4.32	43	1404	0.255	ug/l #	72
20) Methylene Chloride	4.55	84	113918	14.590	ug/l	91
25) 2-Butanone	6.84	43	3137	1.013	ug/l	97
29) Tetrahydrofuran	7.20	42	651	0.316	ug/l #	3
31) Cyclohexane	7.67	56	11561	0.511	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	44473	4.104	ug/l #	46
38) Carbon Tetrachloride	7.67	117	56104	4.978	ug/l #	16
41) Methacrylonitrile	7.22	41	1742	0.350	ug/l #	100
43) Isopropyl Acetate	8.17	43	27683	2.119	ug/l #	93
48) Methyl methacrylate	9.18	41	10360	1.724	ug/l #	23
51) 4-Methyl-2-Pentanone	10.03	43	9444	1.407	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	63625	5.047	ug/l #	68
56) Ethyl methacrylate	10.54	69	591	2.014	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	11746	0.950	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.69	63	68	13.634	ug/l #	47
59) 2-Hexanone	10.76	43	168960	38.694	ug/l #	48
68) m/p-Xylenes	11.63	106	3107	0.205	ug/l	99
71) Bromoform	12.40	173	3669	0.612	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	236084	35.028	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5612	0.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	236084	110.709	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	6469	0.242	ug/l	88
93) 1,2,4-Trichlorobenzene	14.91	180	2202	2.495	ug/l	94
95) Naphthalene	15.13	128	8512	3.691	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.32	180	2438	1.877	ug/l	99

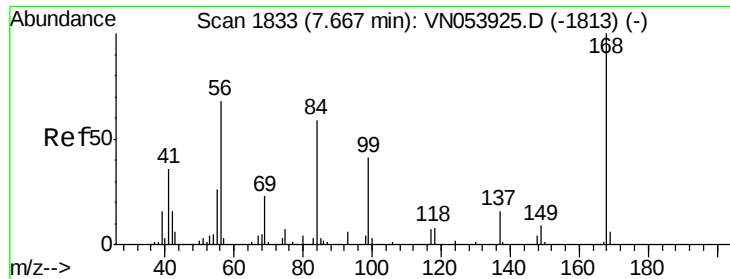
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

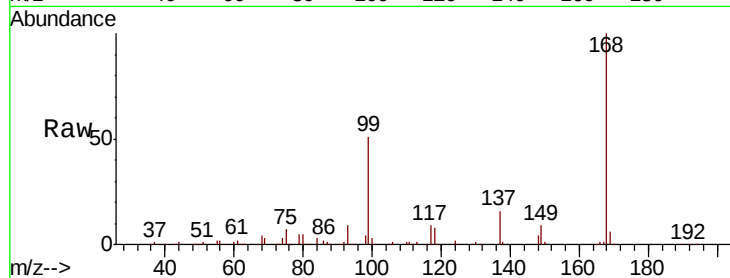
OK-03-022219-B

Tgt Ion:168 Resp: 673014

Ion Ratio Lower Upper

168 100

99 50.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

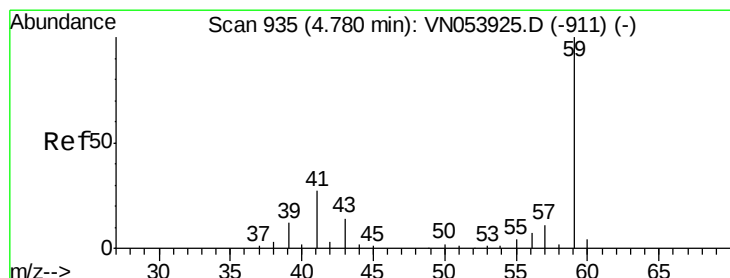
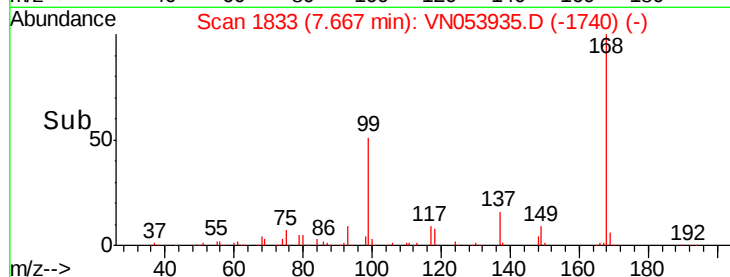
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.484 ug/l

RT: 4.79 min Scan# 937

Delta R.T. 0.01 min

Lab File: VN053935.D

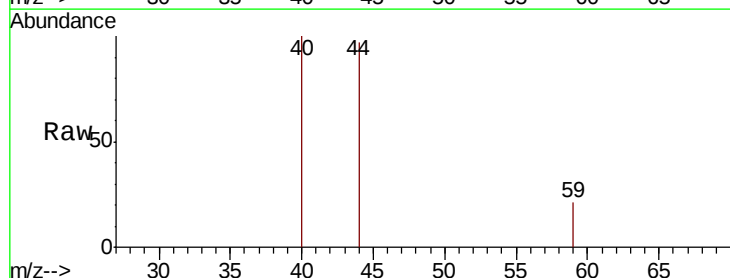
Acq: 25 Feb 2019 17:49

Tgt Ion: 59 Resp: 242

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.79

200

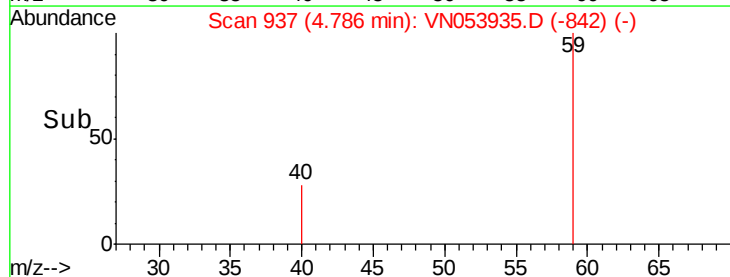
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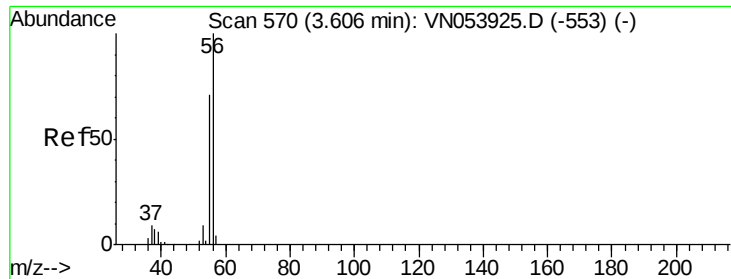
100

50

0

Time-->





#13

Acrolein

Concen: 0.245 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.01 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

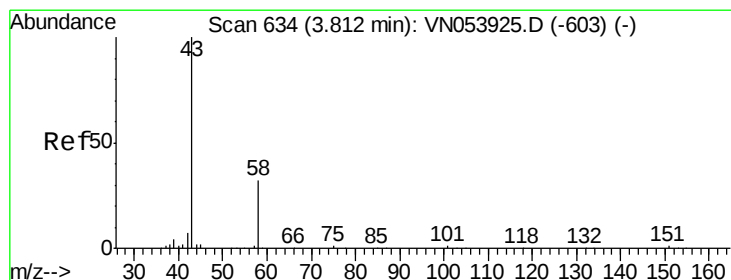
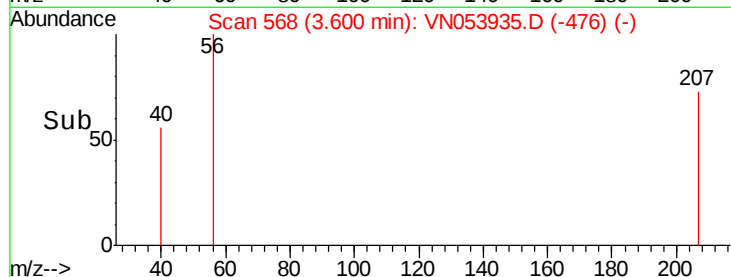
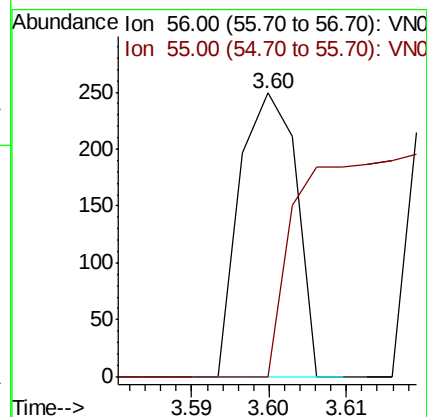
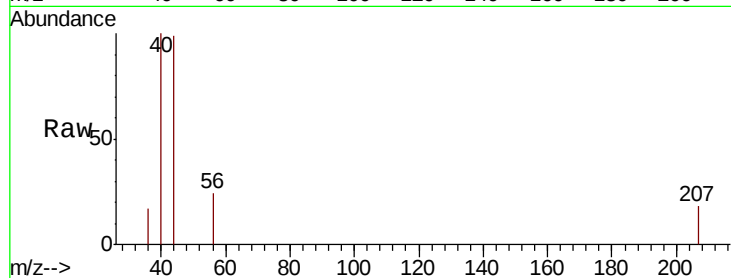
OK-03-022219-B

Tgt Ion: 56 Resp: 127

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#



#16

Acetone

Concen: 0.311 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053935.D

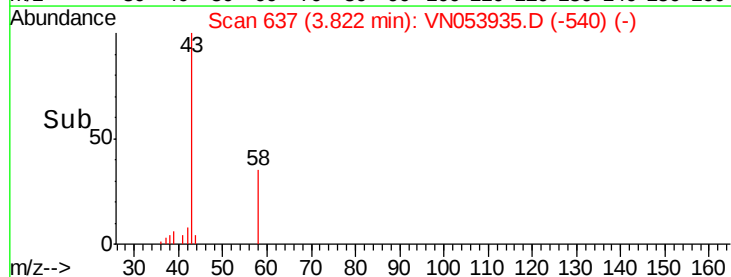
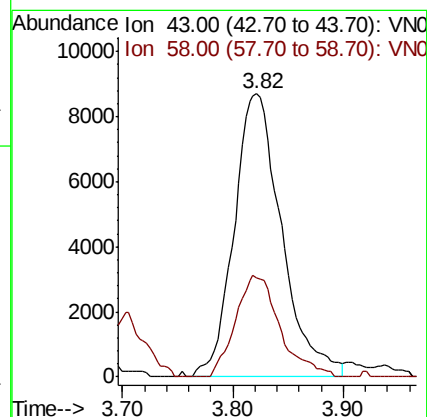
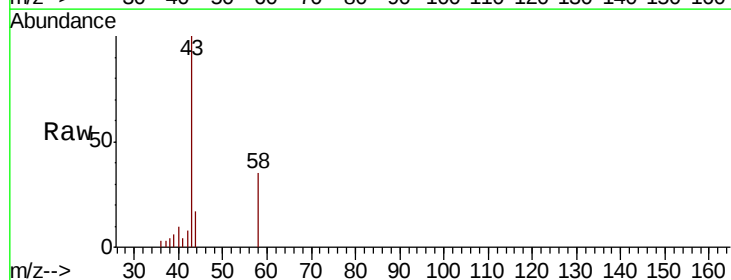
Acq: 25 Feb 2019 17:49

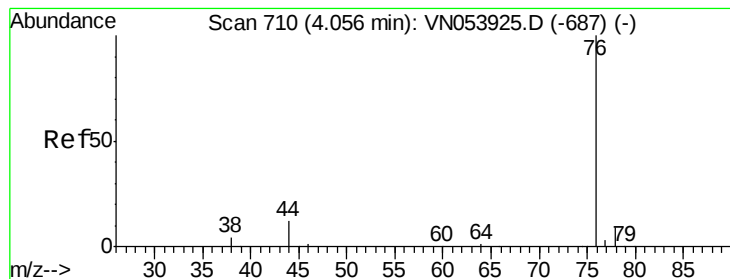
Tgt Ion: 43 Resp: 26010

Ion Ratio Lower Upper

43 100

58 35.0 27.6 41.4





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

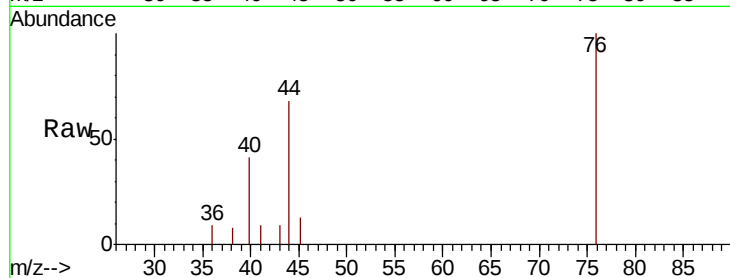
OK-03-022219-B

Tgt Ion: 76 Resp: 5094

Ion Ratio Lower Upper

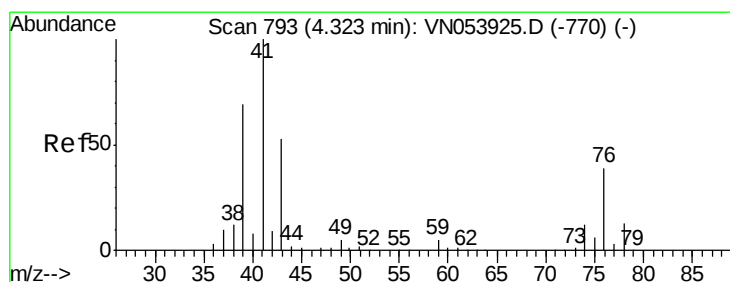
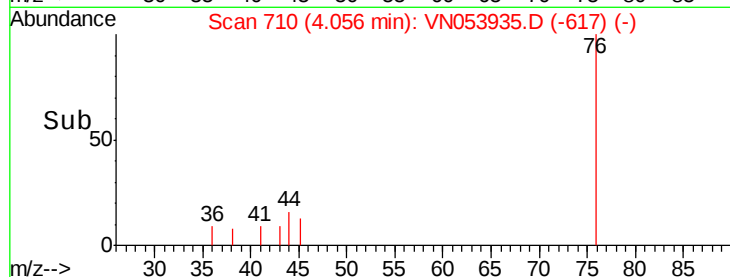
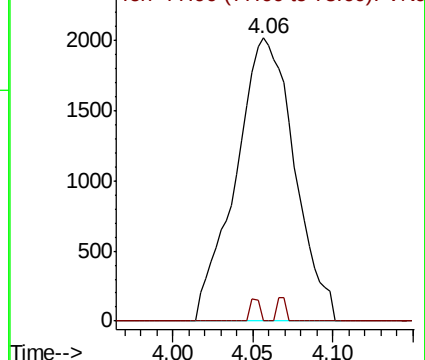
76 100

78 0.0 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 0.255 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053935.D

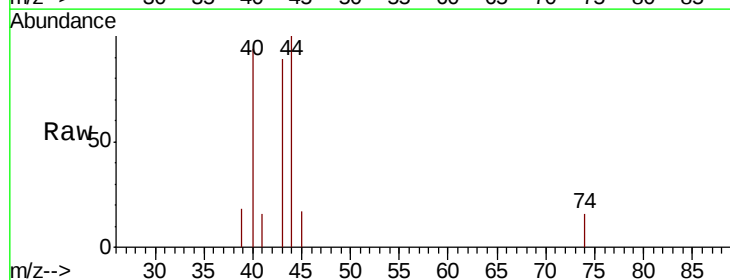
Acq: 25 Feb 2019 17:49

Tgt Ion: 43 Resp: 1404

Ion Ratio Lower Upper

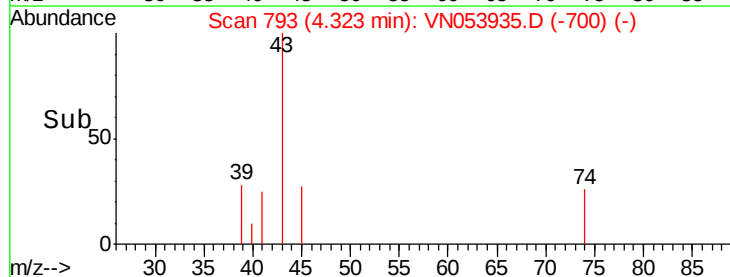
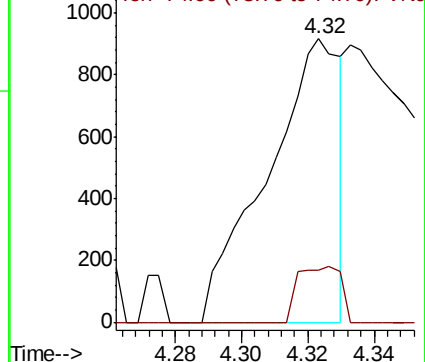
43 100

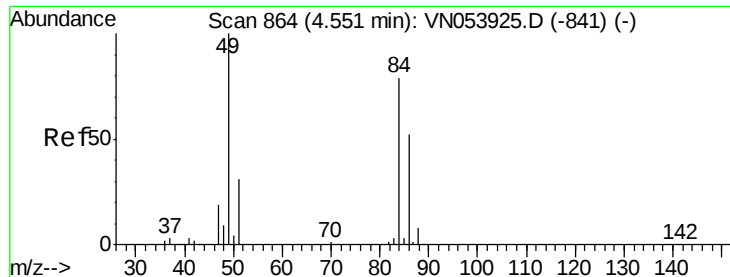
74 11.5 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

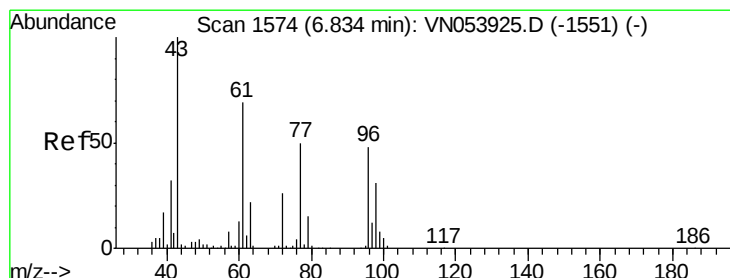
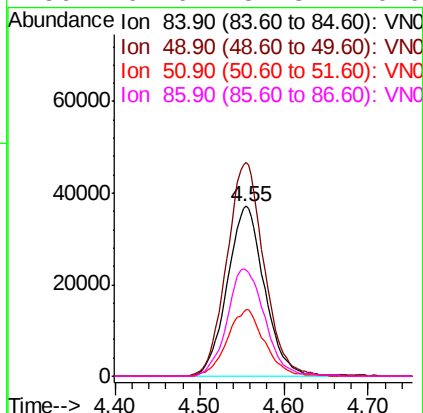
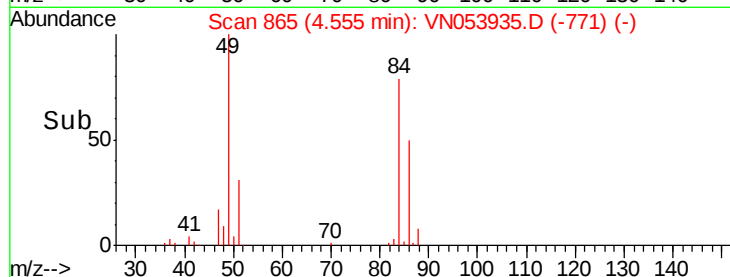
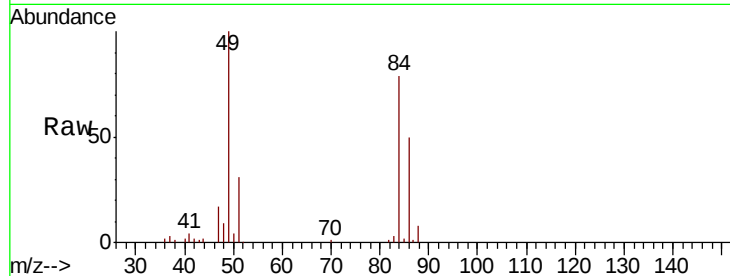




#20
Methylene Chloride
Concen: 14.590 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

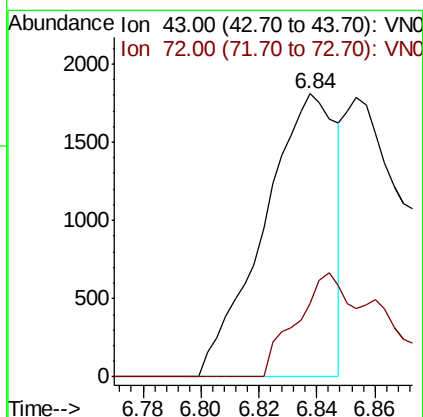
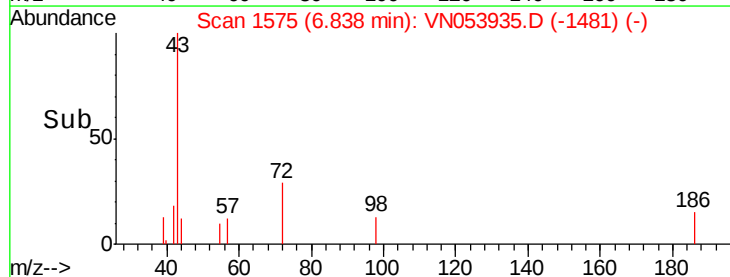
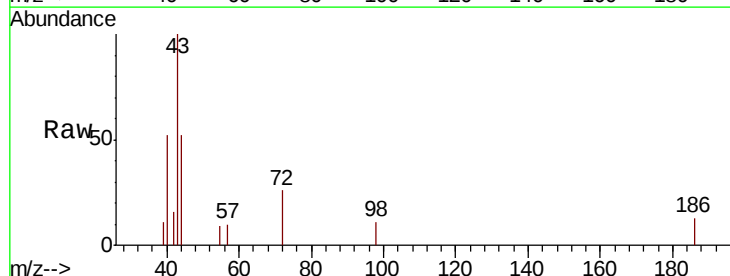
Instrument :
MSVOA_N
ClientSampled :
OK-03-022219-B

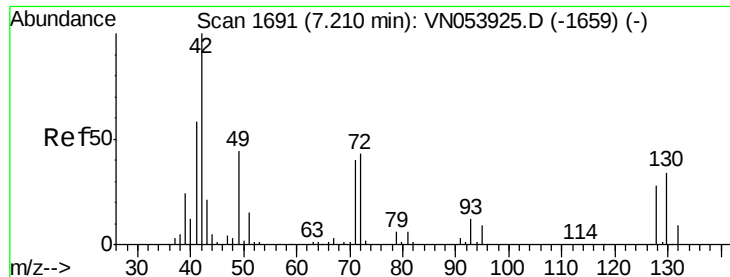
Tgt Ion: 84 Resp: 113918
Ion Ratio Lower Upper
84 100
49 125.9 89.7 134.5
51 39.5 27.8 41.8
86 62.6 51.3 76.9



#25
2-Butanone
Concen: 1.013 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

Tgt Ion: 43 Resp: 3137
Ion Ratio Lower Upper
43 100
72 26.0 22.1 33.1





#29

Tetrahydrofuran

Concen: 0.316 ug/l

RT: 7.20 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

OK-03-022219-B

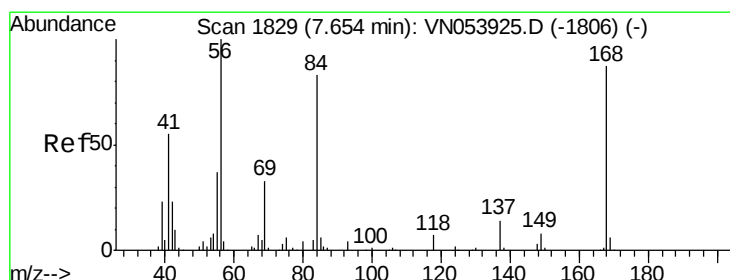
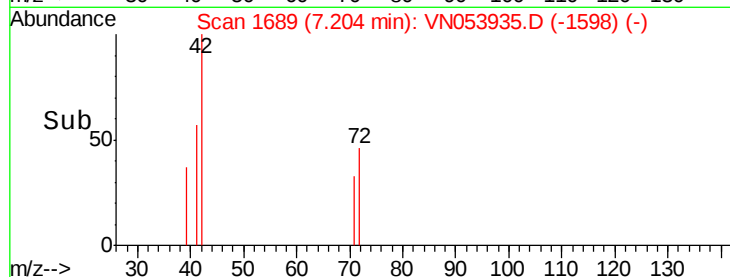
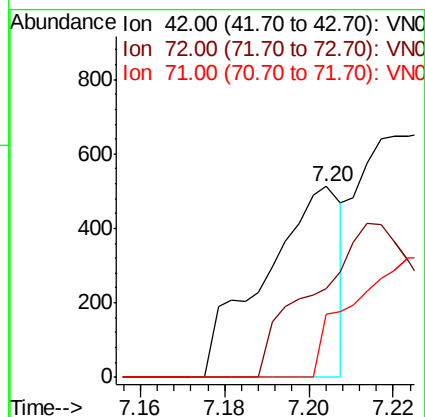
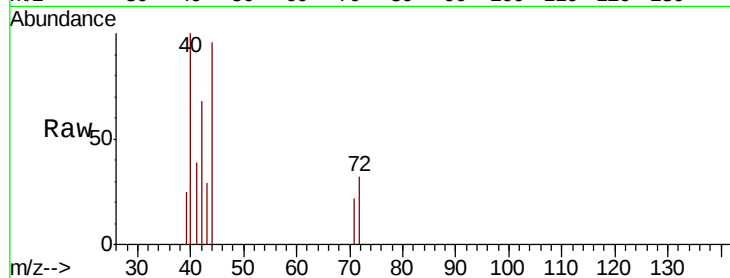
Tgt Ion: 42 Resp: 651

Ion Ratio Lower Upper

42 100

72 128.6 36.9 55.3#

71 0.0 34.6 52.0#



#31

Cyclohexane

Concen: 0.511 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

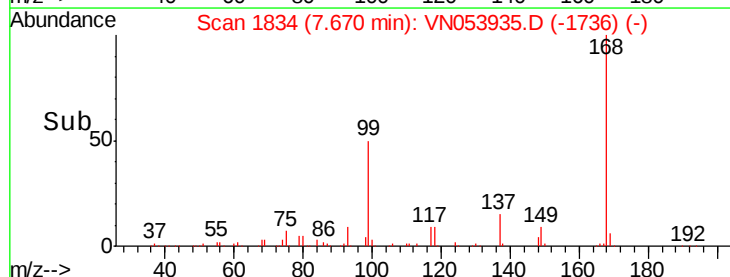
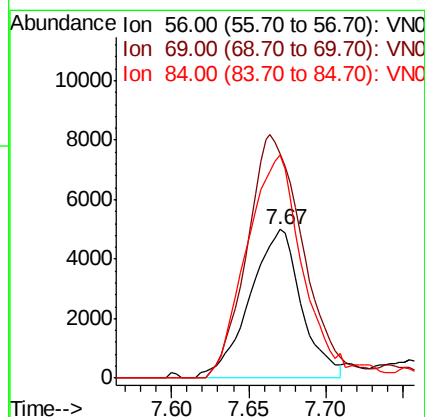
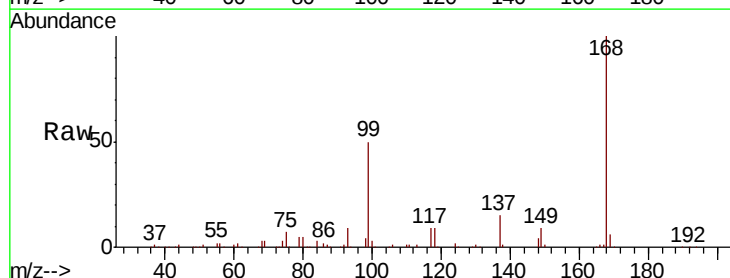
Tgt Ion: 56 Resp: 11561

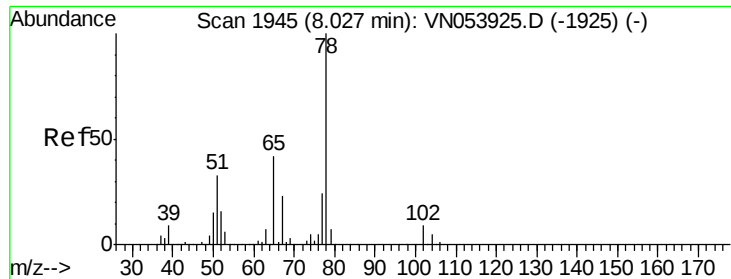
Ion Ratio Lower Upper

56 100

69 151.6 26.0 39.0#

84 150.3 69.1 103.7#

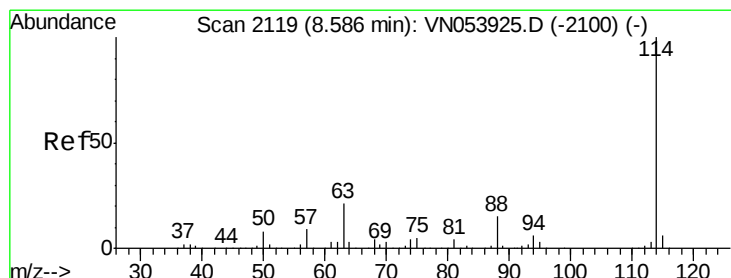
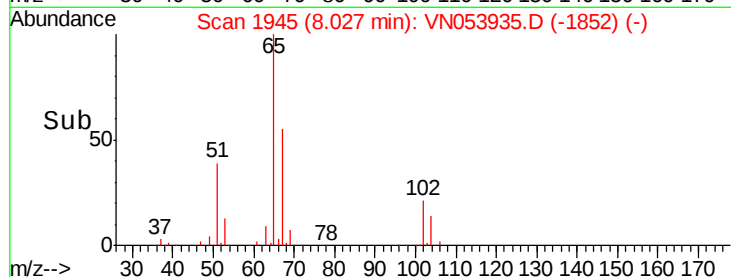
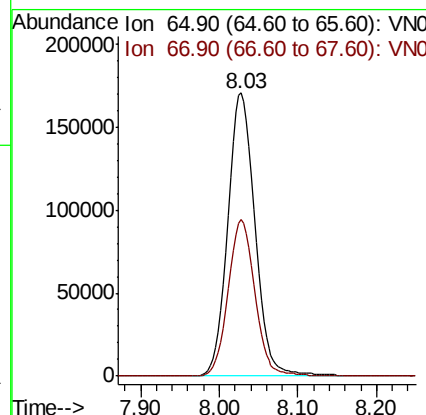
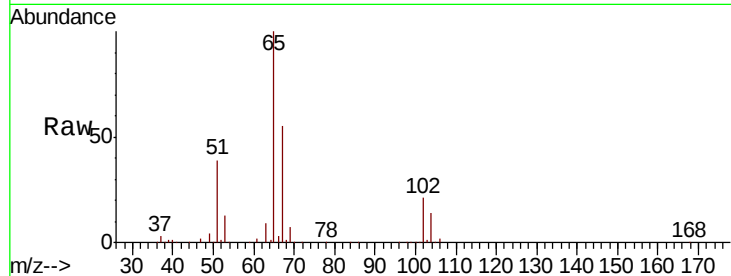




#33
 1,2-Dichloroethane-d4
 Concen: 51.633 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

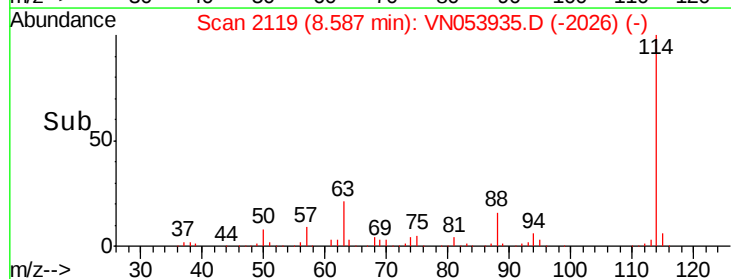
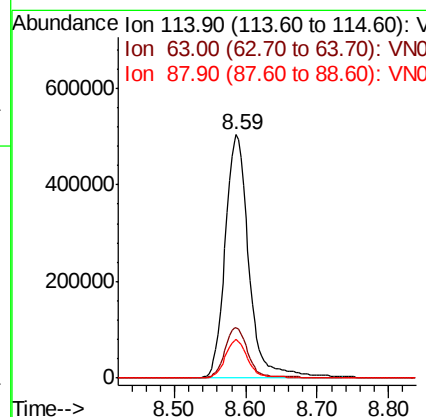
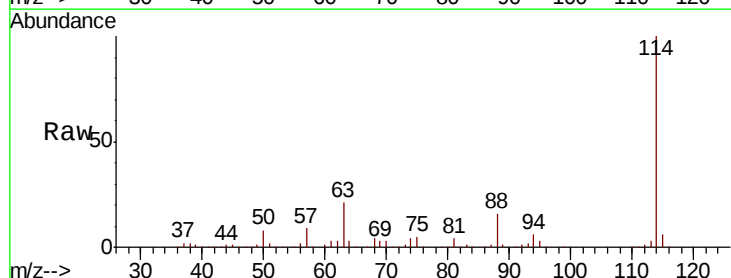
Instrument :
 MSVOA_N
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 OK-03-022219-B

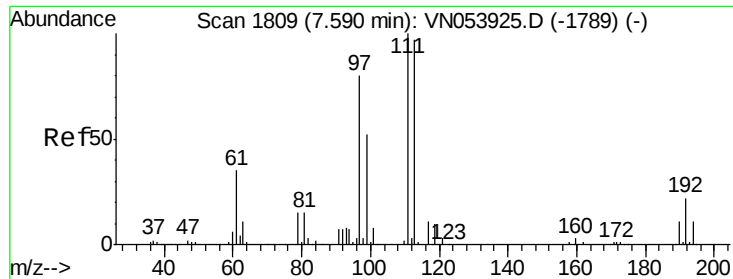
Tgt Ion: 65 Resp: 407348
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Tgt Ion: 114 Resp: 1165353
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 37.4
 88 15.7 0.0 30.4

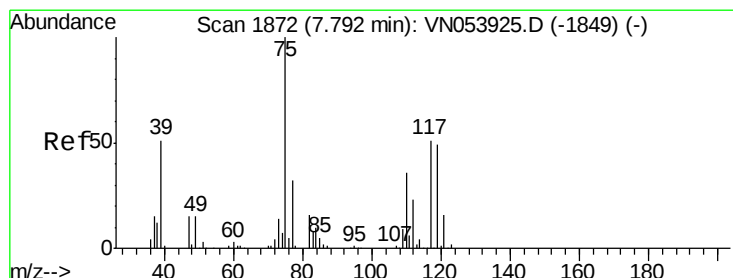
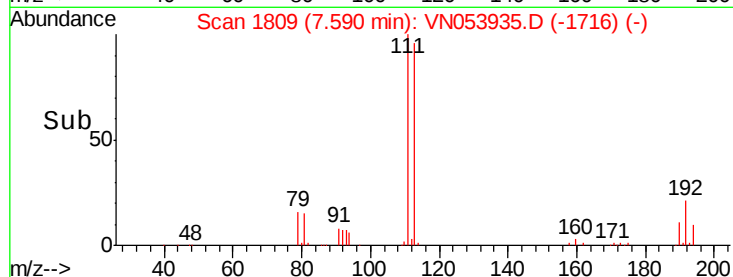
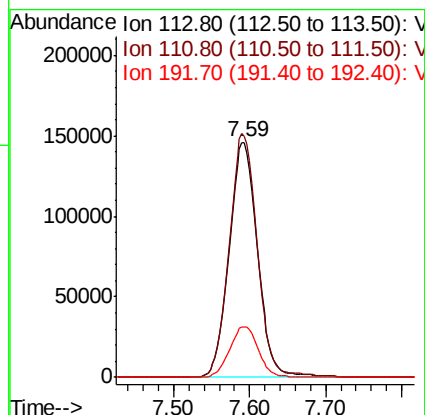
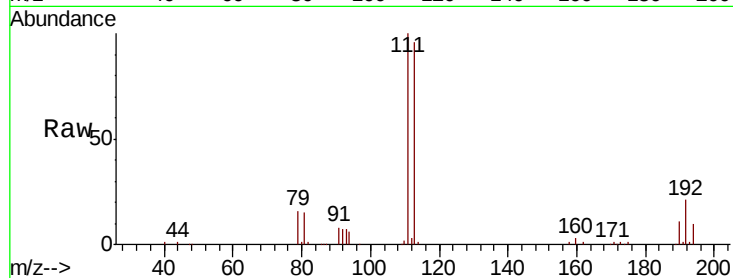




#35
 Dibromofluoromethane
 Concen: 50.344 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

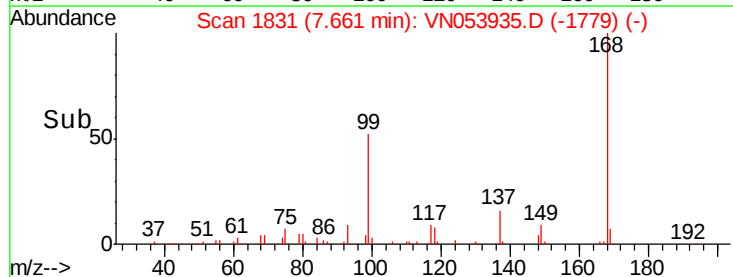
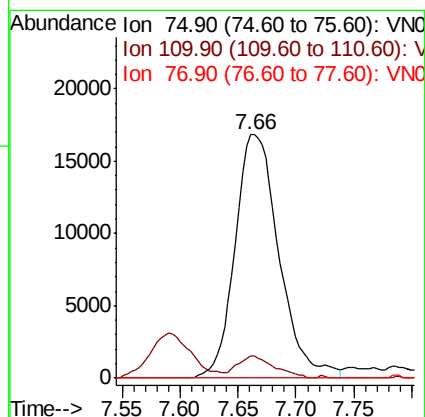
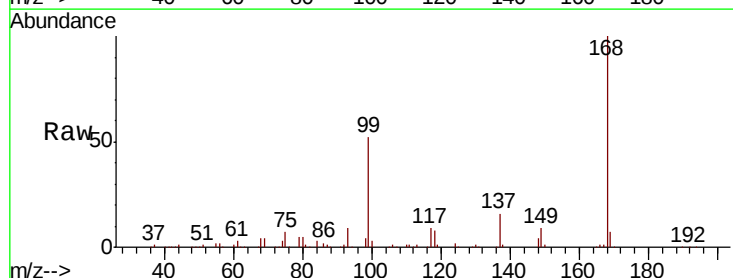
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 ClientSampleId :
 OK-03-022219-B

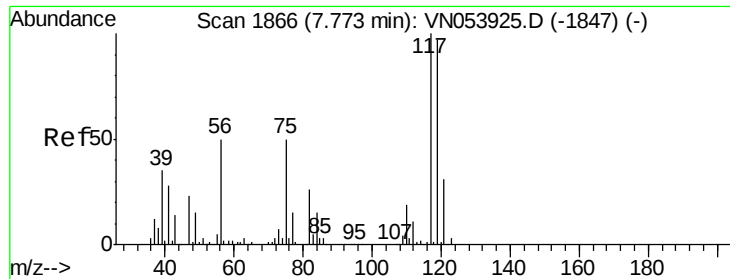
Tgt Ion:113 Resp: 379385
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 21.7 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 4.104 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Tgt Ion: 75 Resp: 44473
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.0 57.0#
 77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 4.978 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

OK-03-022219-B

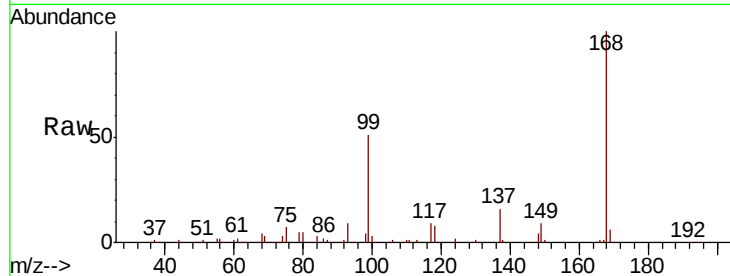
Tgt Ion:117 Resp: 56104

Ion Ratio Lower Upper

117 100

119 5.3 76.2 114.2#

121 0.0 24.6 36.8#

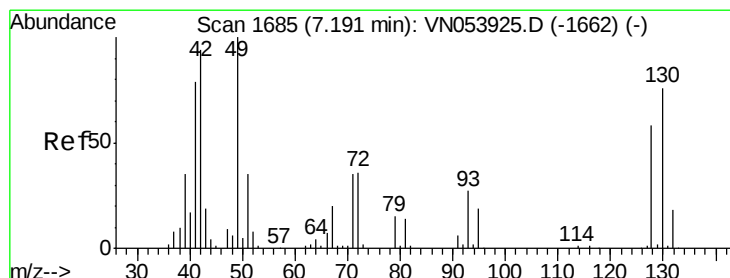
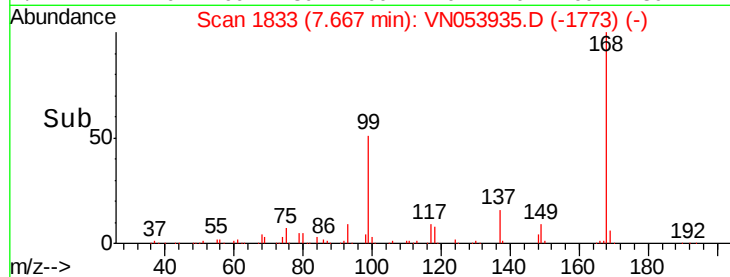
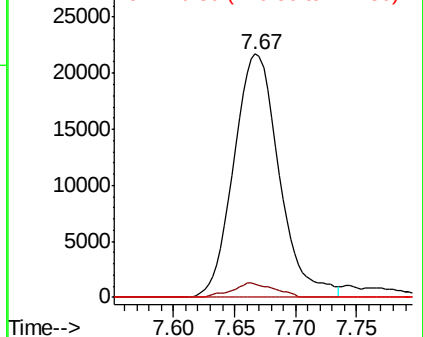


Abundance

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: 0.350 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.03 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Tgt Ion: 41 Resp: 1742

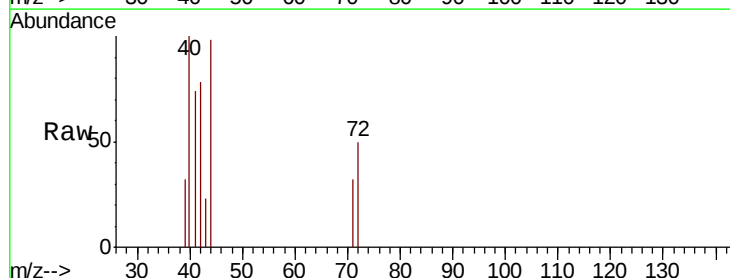
Ion Ratio Lower Upper

41 100

39 22.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0



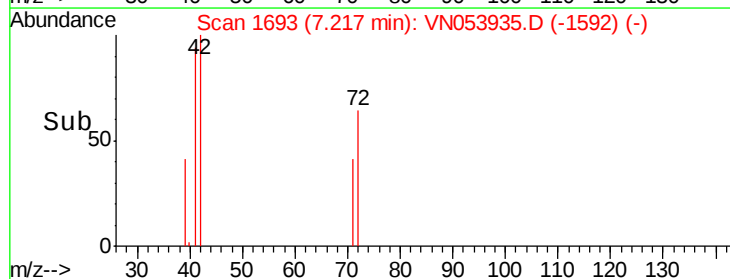
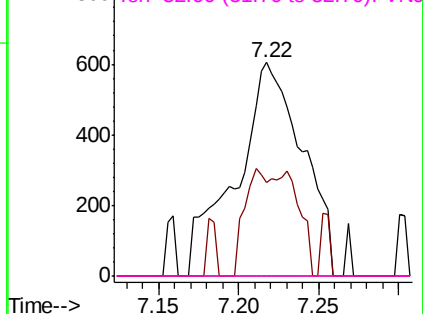
Abundance

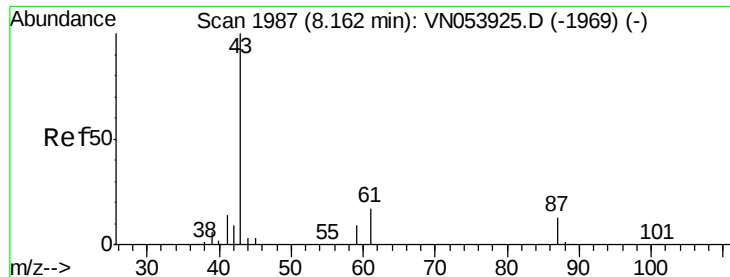
Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 2.119 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

OK-03-022219-B

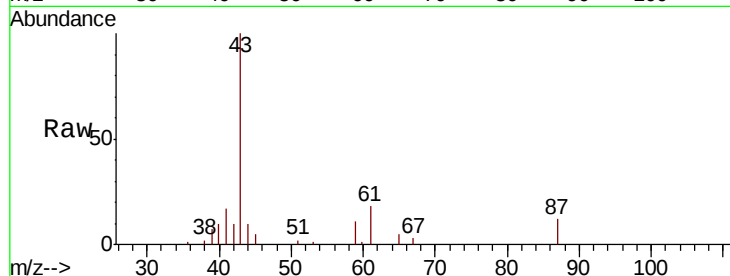
Tgt Ion: 43 Resp: 27683

Ion Ratio Lower Upper

43 100

61 18.4 17.4 26.0

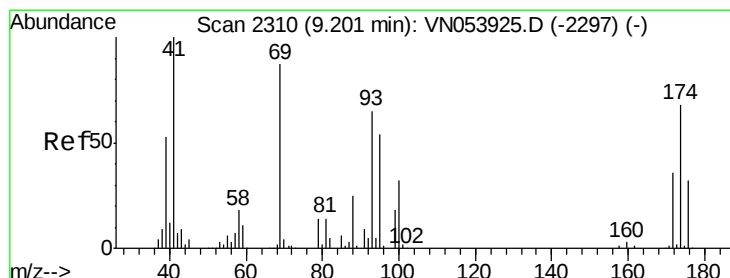
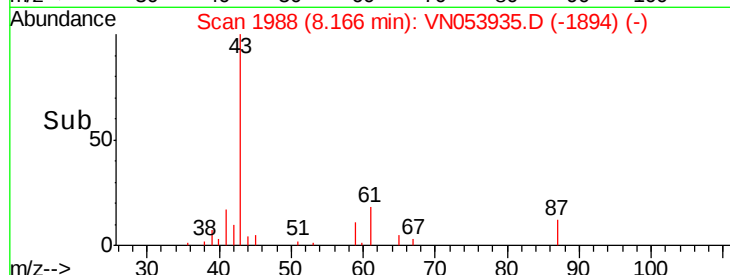
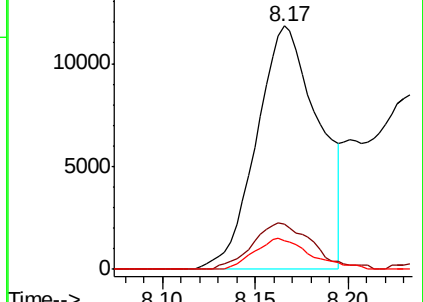
87 11.4 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#48

Methyl methacrylate

Concen: 1.724 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

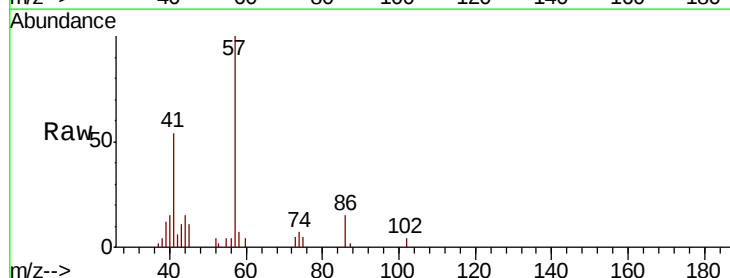
Tgt Ion: 41 Resp: 10360

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

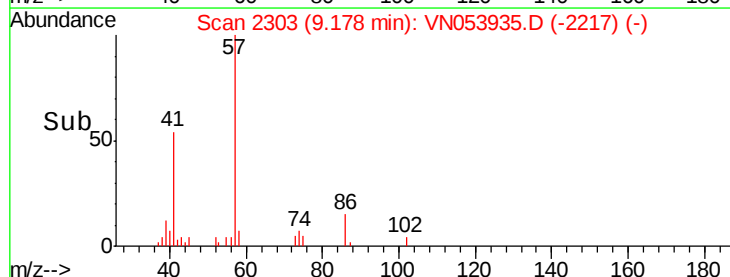
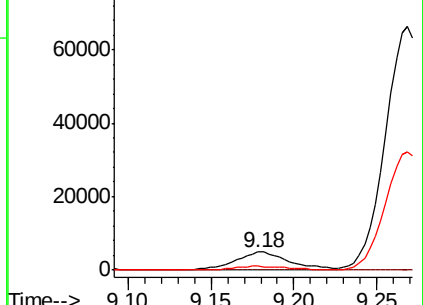
39 23.3 39.0 58.6#

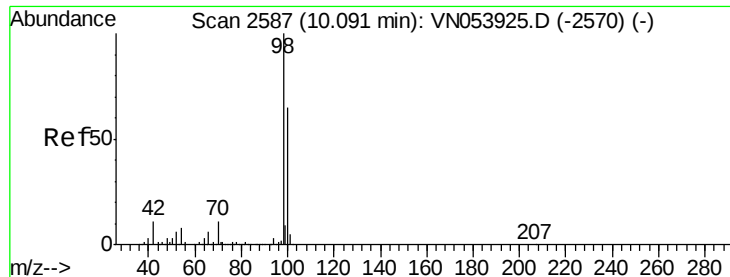


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#50

Toluene-d8

Concen: 52.782 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

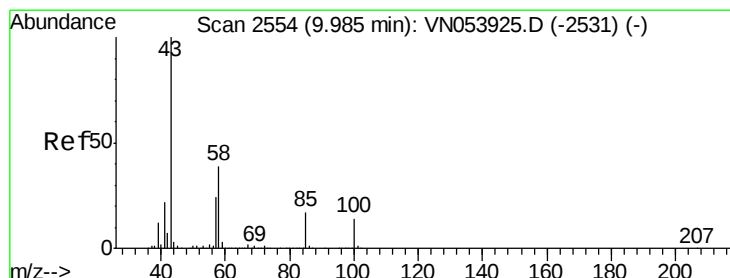
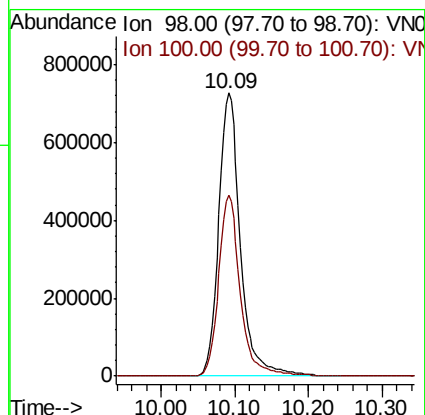
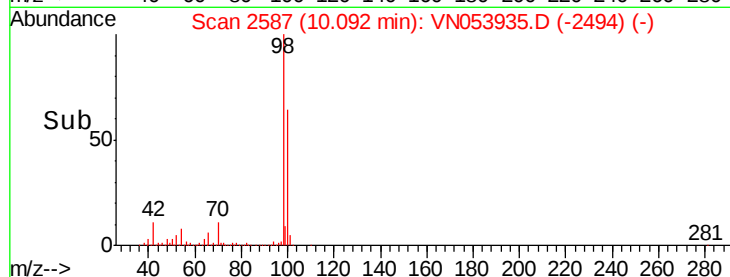
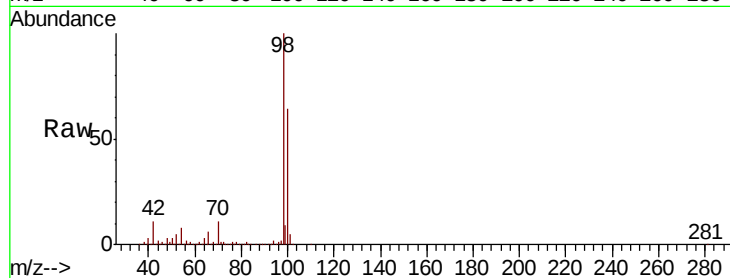
OK-03-022219-B

Tgt Ion: 98 Resp: 1480667

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 1.407 ug/l

RT: 10.03 min Scan# 2567

Delta R.T. 0.04 min

Lab File: VN053935.D

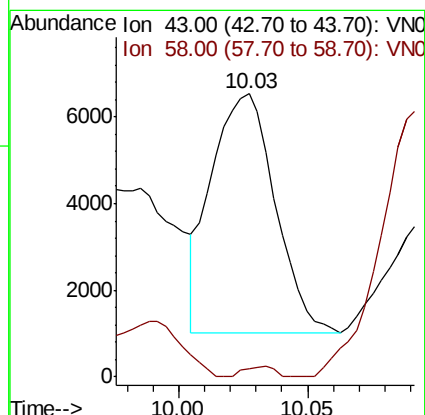
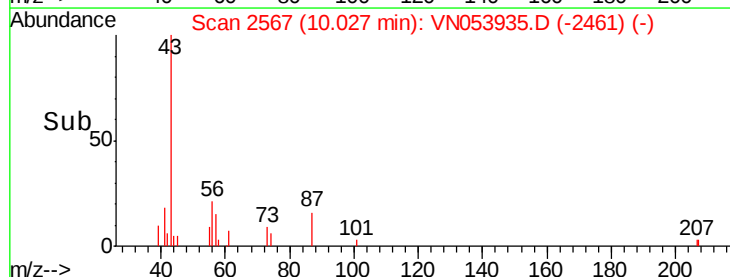
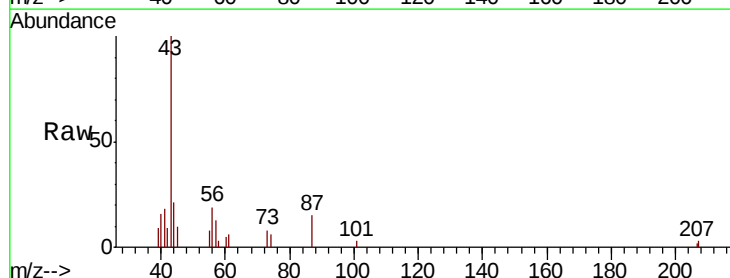
Acq: 25 Feb 2019 17:49

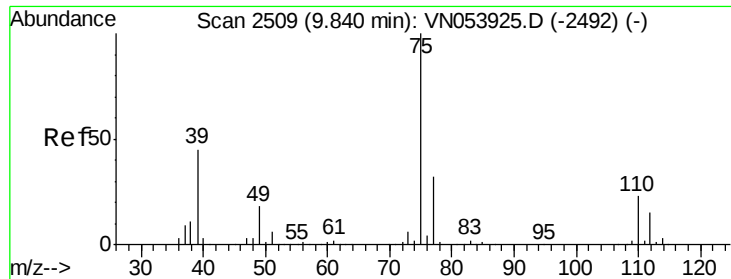
Tgt Ion: 43 Resp: 9444

Ion Ratio Lower Upper

43 100

58 0.0 32.7 49.1#

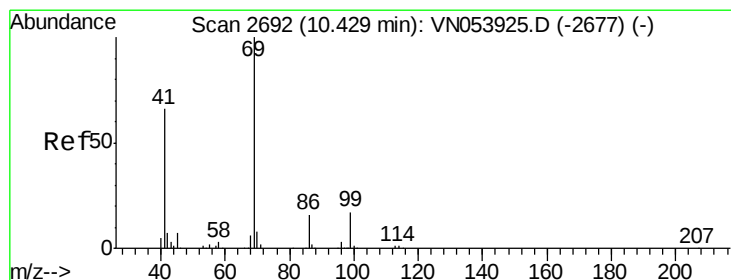
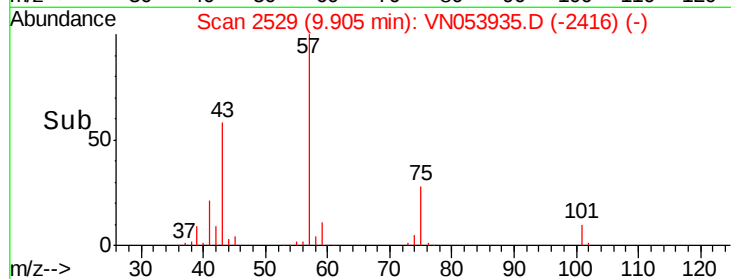
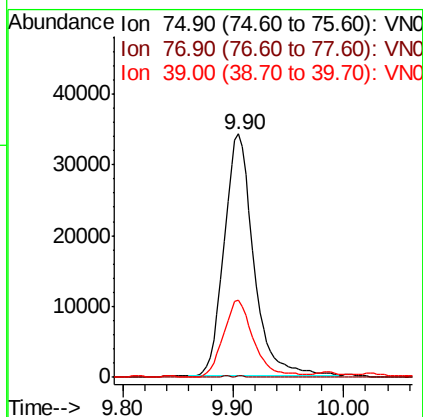
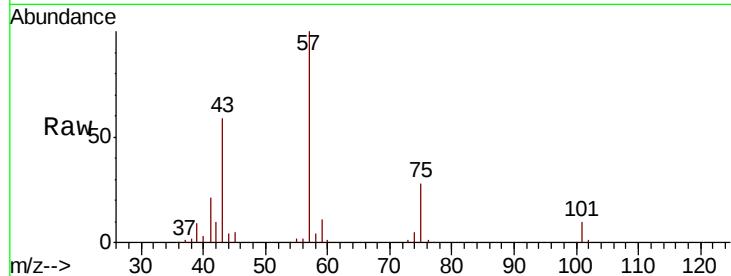




#54
 cis-1,3-Dichloropropene
 Concen: 5.047 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

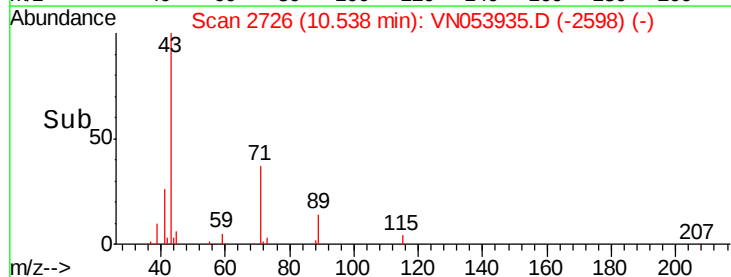
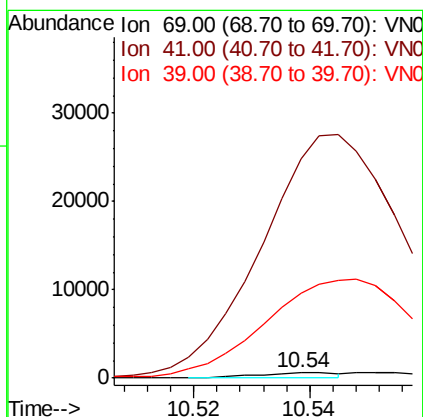
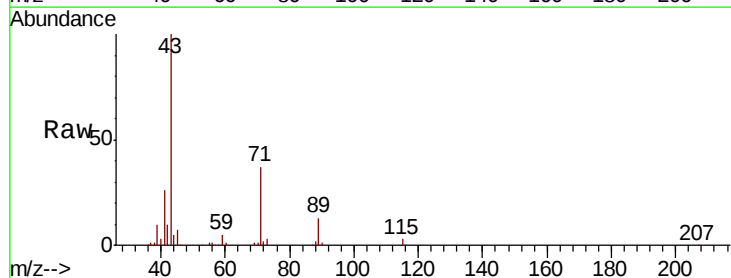
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-022219-B

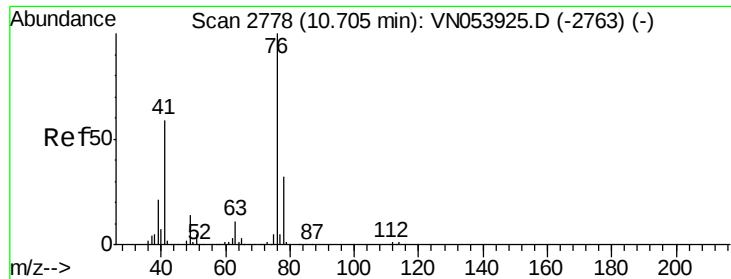
Tgt Ion: 75 Resp: 63625
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.8 38.6#
 39 31.7 31.4 47.0



#56
 Ethyl methacrylate
 Concen: 2.014 ug/l
 RT: 10.54 min Scan# 2726
 Delta R.T. 0.11 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Tgt Ion: 69 Resp: 591
 Ion Ratio Lower Upper
 69 100
 41 8593.4 47.5 71.3#
 39 3607.8 23.4 35.0#

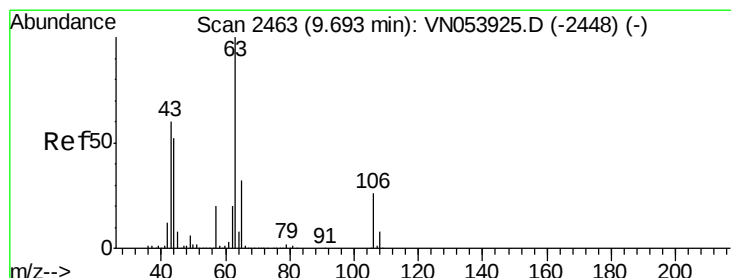
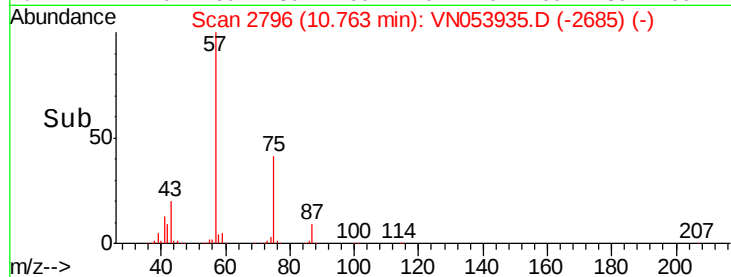
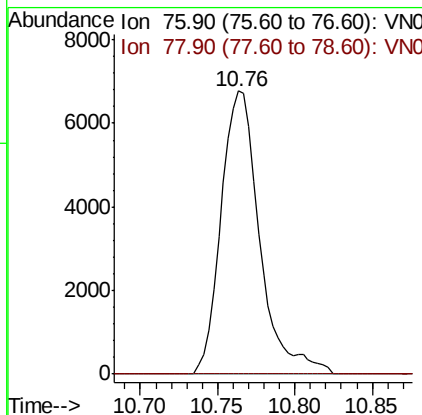
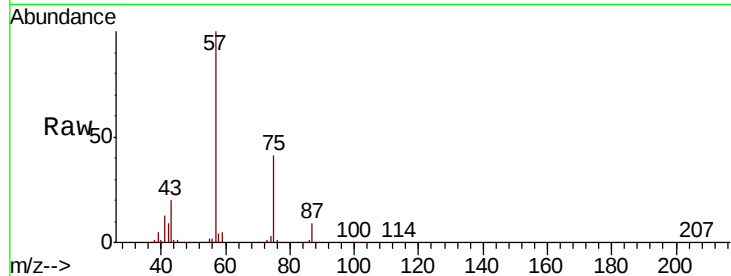




#57
 1,3-Dichloropropane
 Concen: 0.950 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

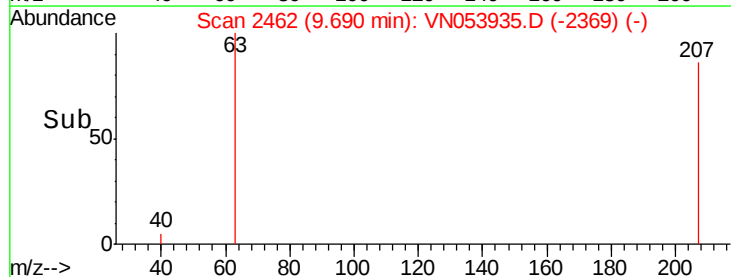
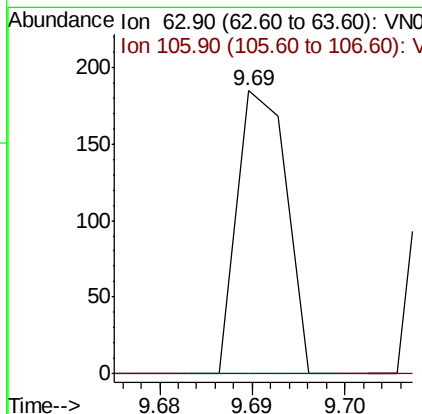
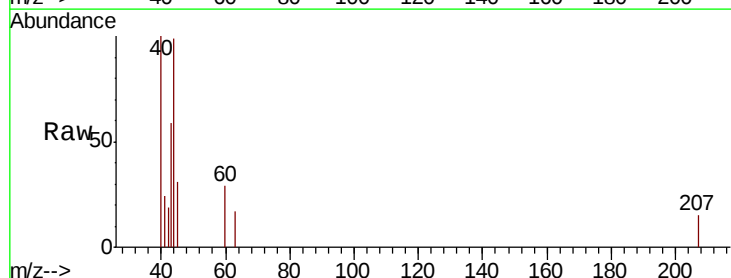
Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-022219-B

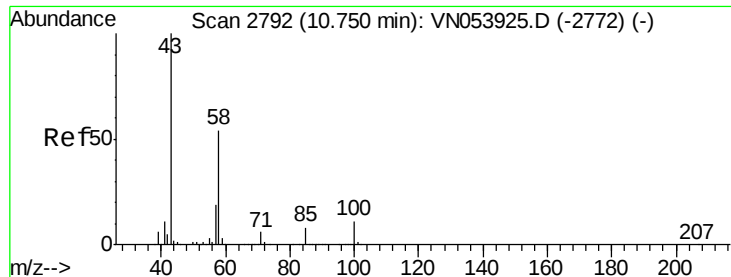
Tgt Ion: 76 Resp: 11746
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 13.634 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Tgt Ion: 63 Resp: 68
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#

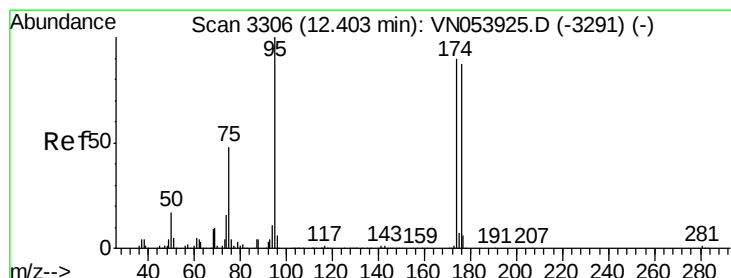
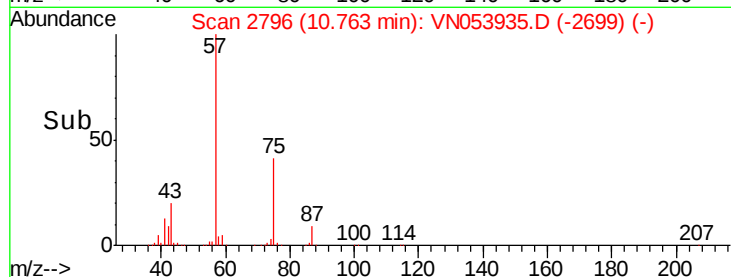
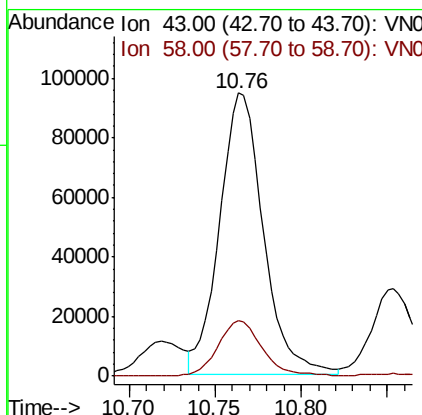
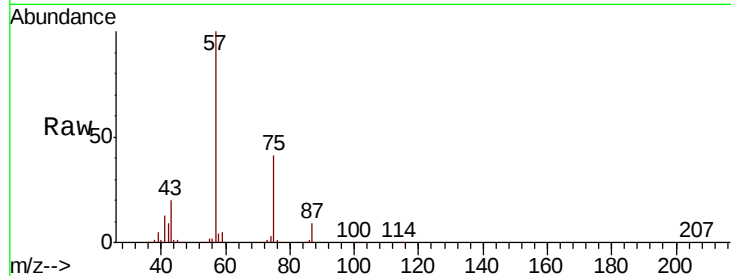




#59
2-Hexanone
Concen: 38.694 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

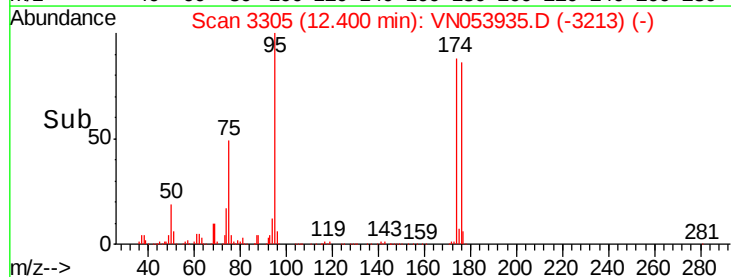
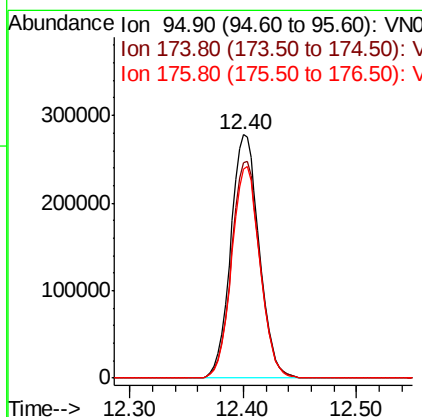
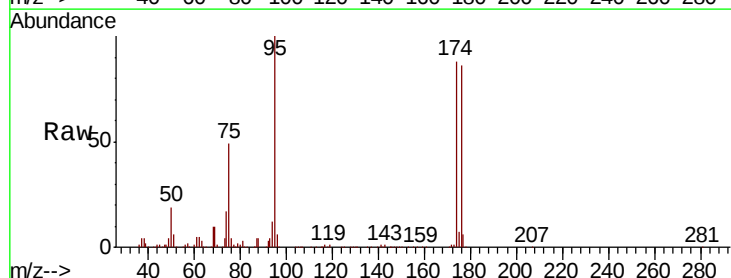
Instrument :
MSVOA_N
ClientSampleId :
OK-03-022219-B

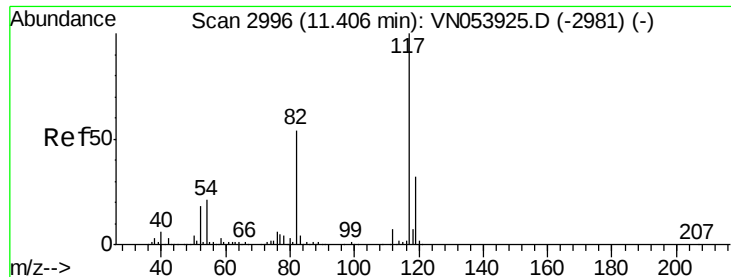
Tgt Ion: 43 Resp: 168960
Ion Ratio Lower Upper
43 100
58 19.9 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.074 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

Tgt Ion: 95 Resp: 486699
Ion Ratio Lower Upper
95 100
174 88.8 0.0 188.8
176 86.4 0.0 182.6

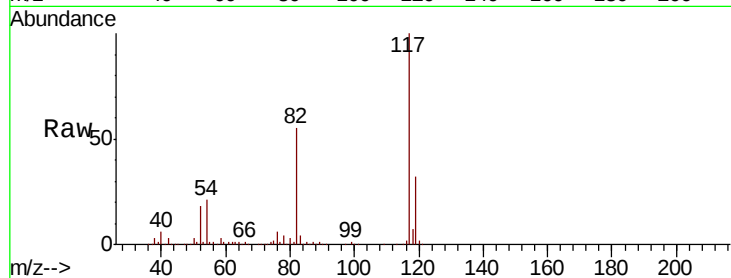




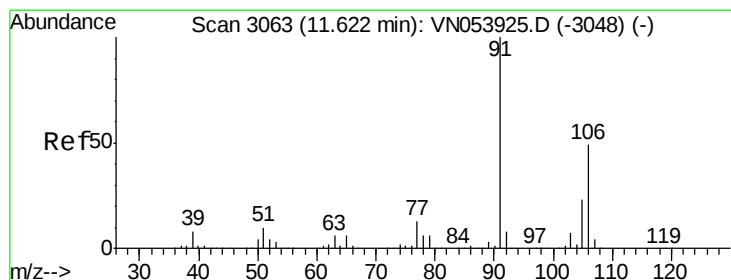
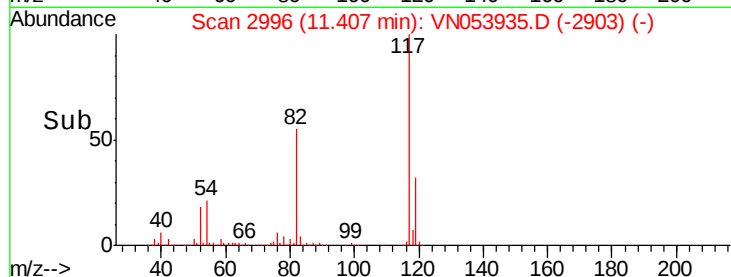
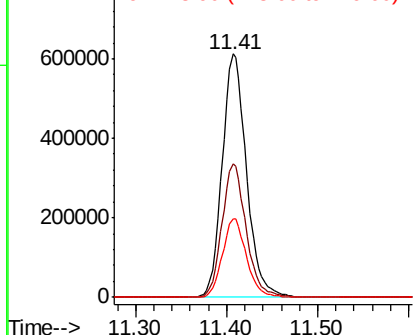
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

Instrument :
MSVOA_N
ClientSampleId :
OK-03-022219-B

Tgt Ion:117 Resp: 1132646
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.2
119 32.5 25.3 37.9

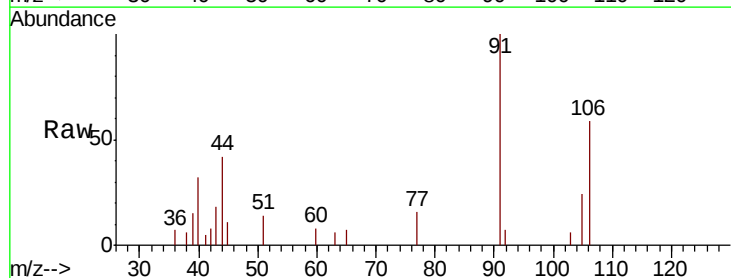


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

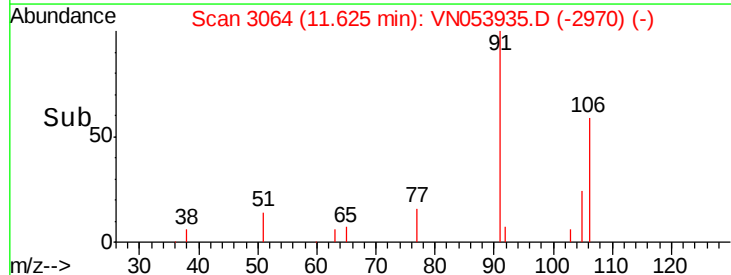
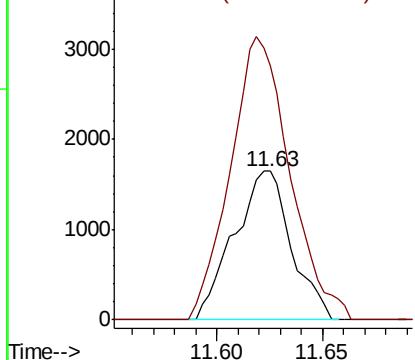


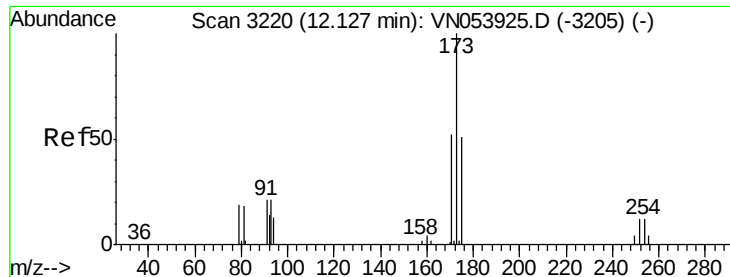
#68
m/p-Xylenes
Concen: 0.205 ug/l
RT: 11.63 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN053935.D
Acq: 25 Feb 2019 17:49

Tgt Ion:106 Resp: 3107
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#71

Bromoform

Concen: 0.612 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

OK-03-022219-B

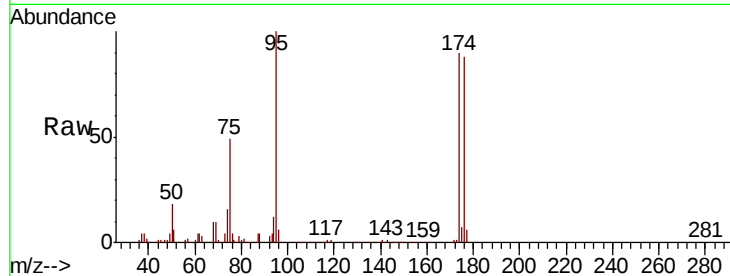
Tgt Ion:173 Resp: 3669

Ion Ratio Lower Upper

173 100

175 745.5 24.3 72.8#

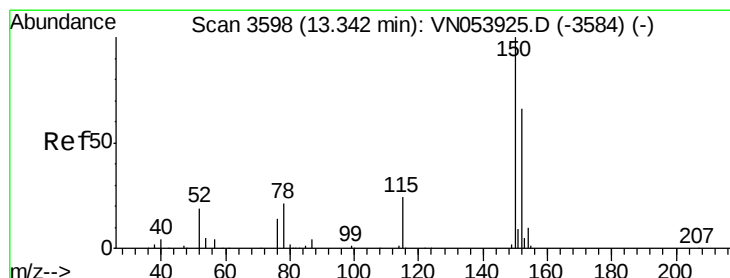
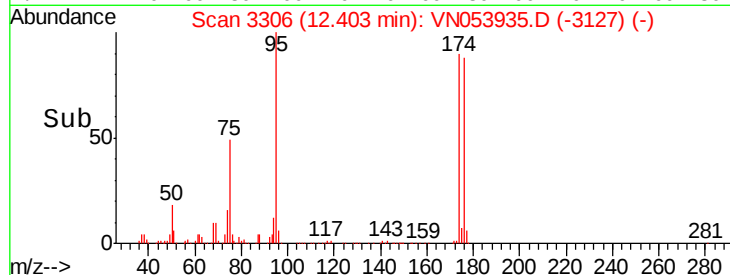
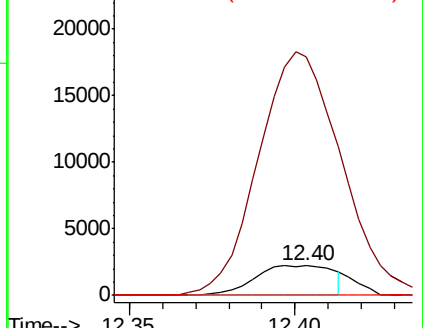
254 0.0 0.2 0.2#



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: VN053935.D

Acq: 25 Feb 2019 17:49

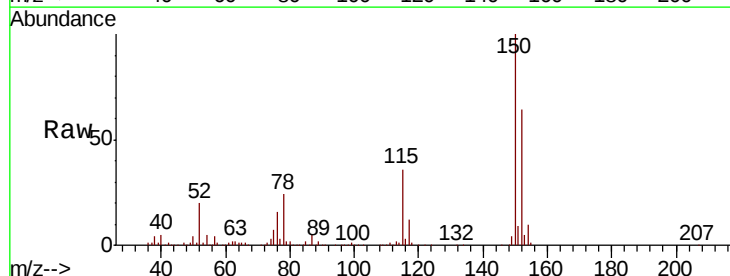
Tgt Ion:152 Resp: 420151

Ion Ratio Lower Upper

152 100

115 55.4 27.2 81.6

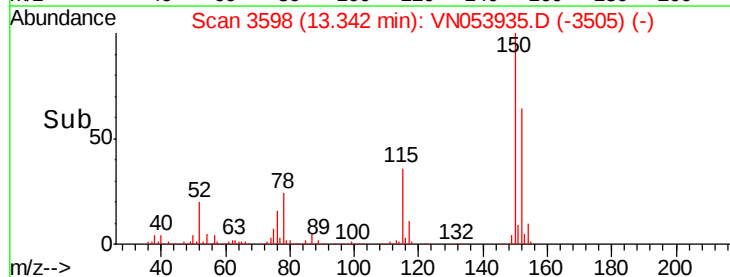
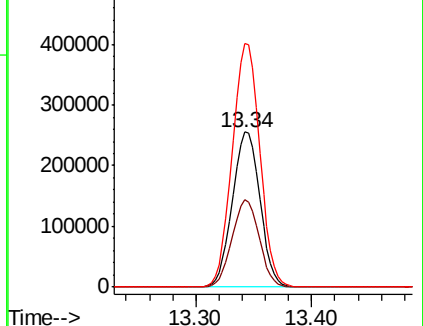
150 156.3 0.0 348.2

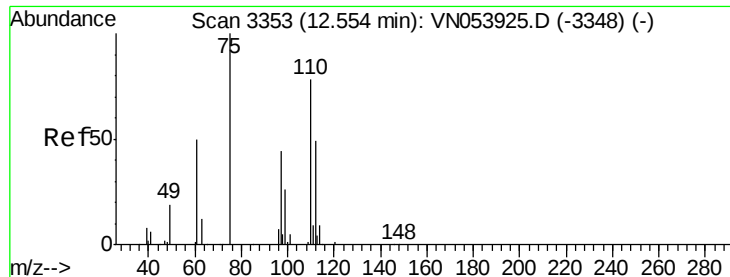


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 35.028 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

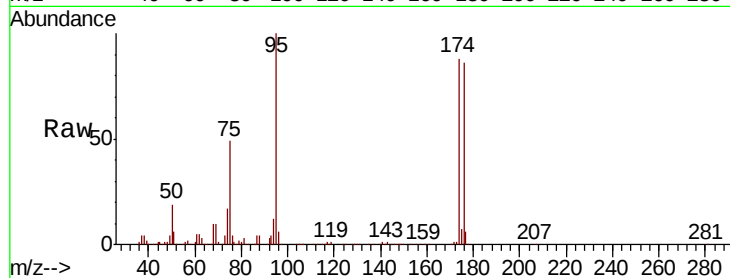
OK-03-022219-B

Tgt Ion: 75 Resp: 236084

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

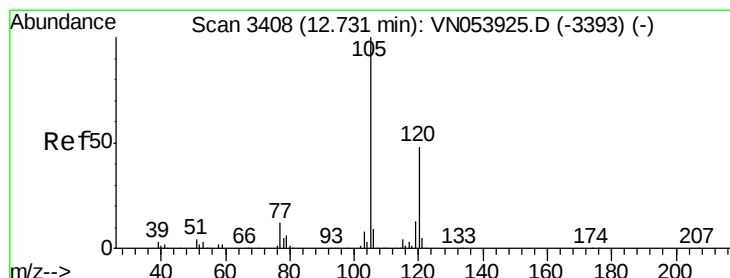
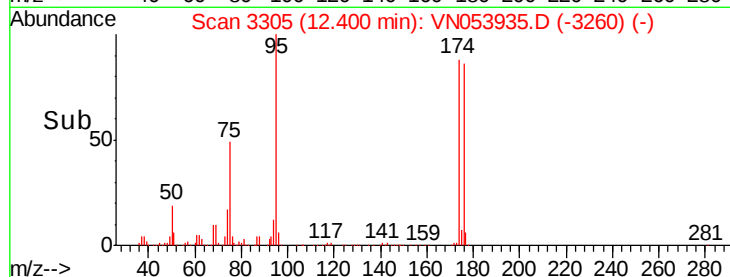
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#80

1,3,5-Trimethylbenzene

Concen: 0.210 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053935.D

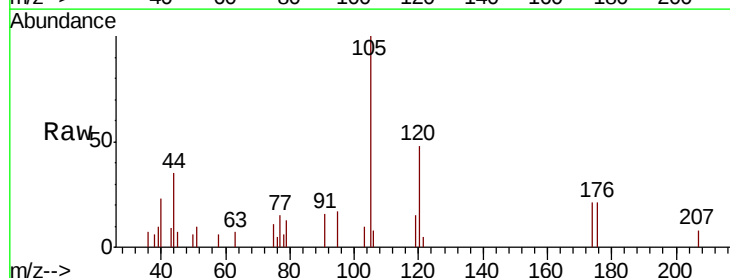
Acq: 25 Feb 2019 17:49

Tgt Ion: 105 Resp: 5612

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

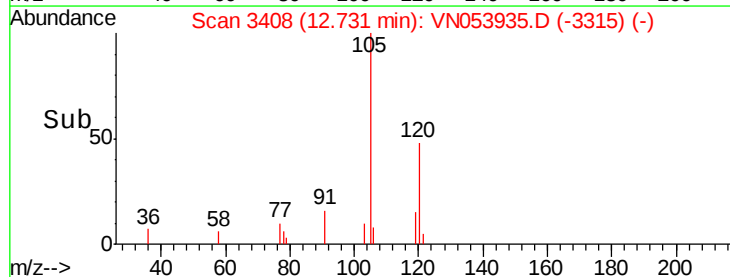
3000

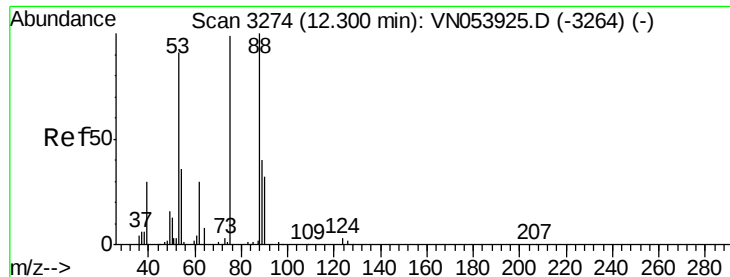
2000

1000

0

Time--> 12.70 12.75





#81

trans-1,4-Dichloro-2-butene

Concen: 110.709 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN053935.D

Acq: 25 Feb 2019 17:49

Instrument :

MSVOA_N

ClientSampleId :

OK-03-022219-B

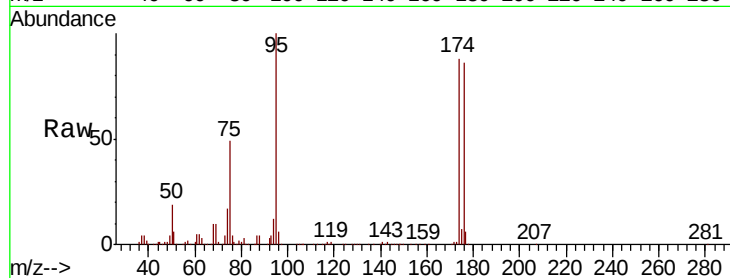
Tgt Ion: 75 Resp: 236084

Ion Ratio Lower Upper

75 100

53 0.0 68.6 102.8#

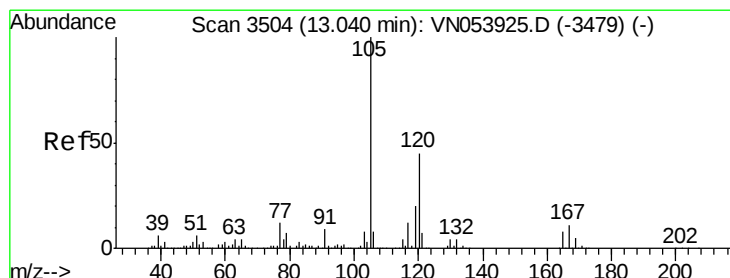
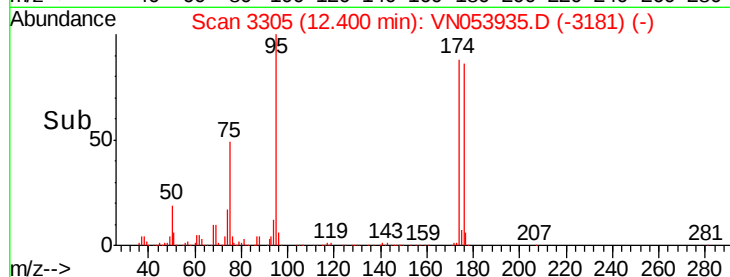
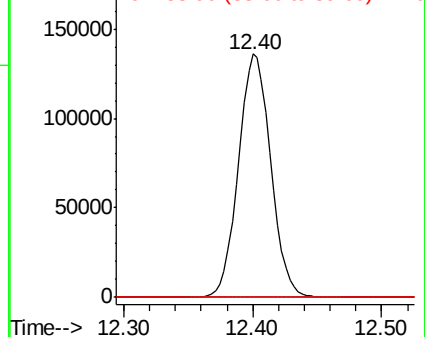
89 0.0 35.3 52.9#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.242 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN053935.D

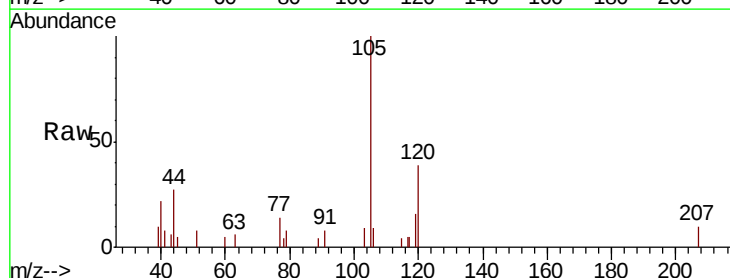
Acq: 25 Feb 2019 17:49

Tgt Ion: 105 Resp: 6469

Ion Ratio Lower Upper

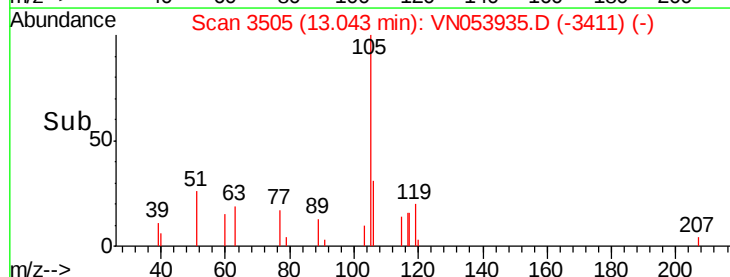
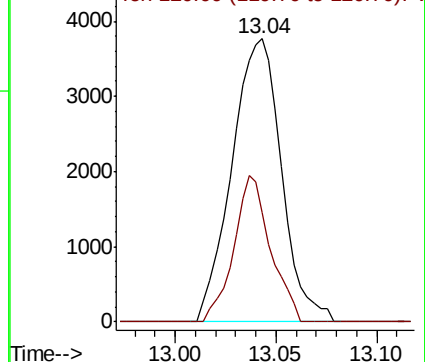
105 100

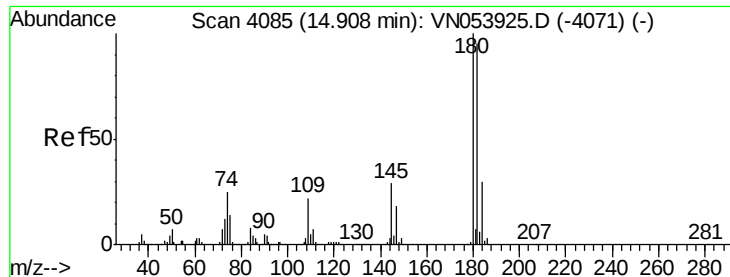
120 38.2 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

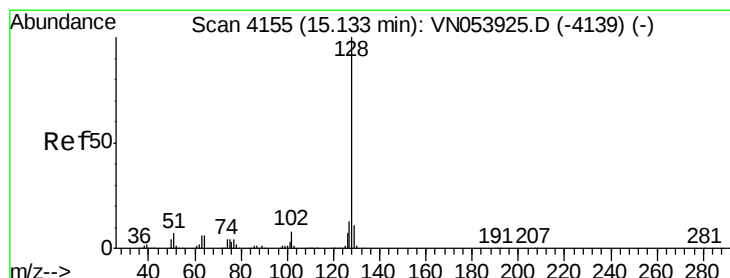
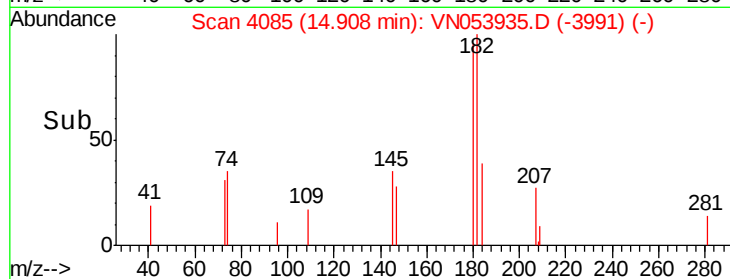
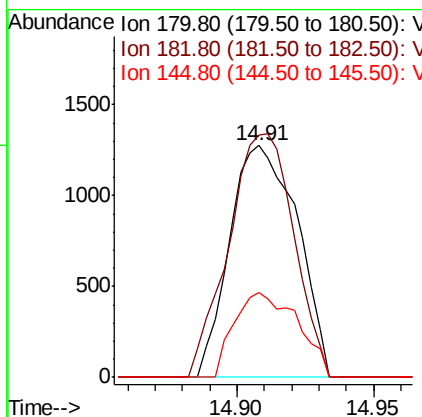
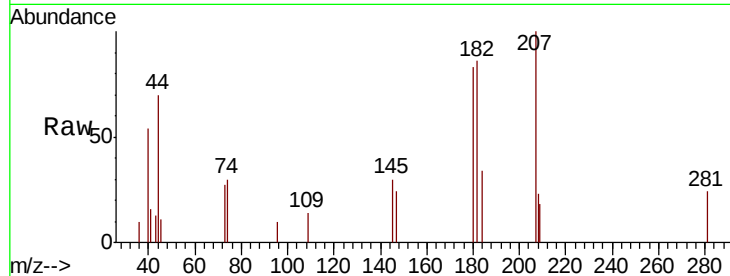




#93
 1,2,4-Trichlorobenzene
 Concen: 2.495 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

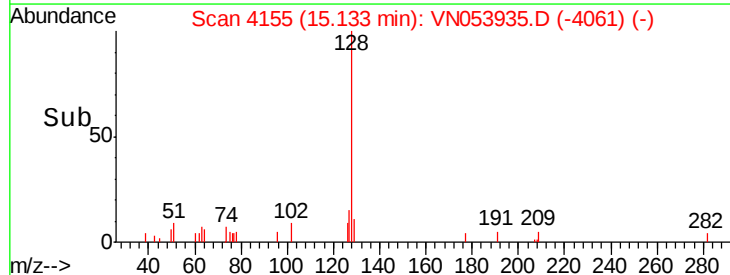
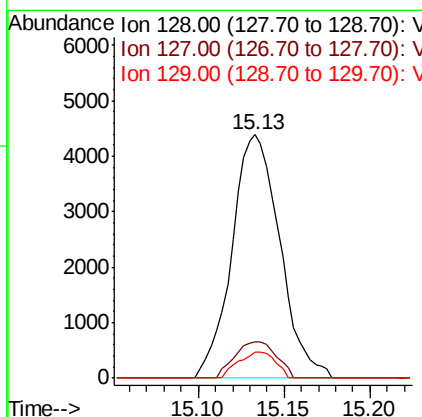
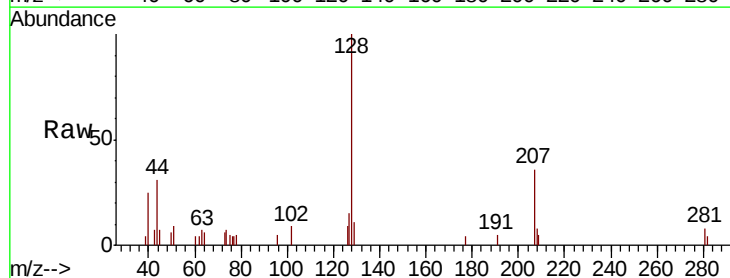
Instrument :
 MSVOA_N
 ClientSampled :
 OK-03-022219-B

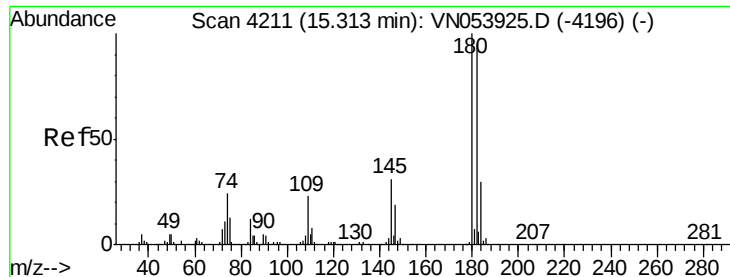
Tgt Ion:180 Resp: 2202
 Ion Ratio Lower Upper
 180 100
 182 100.9 48.6 145.9
 145 34.3 13.8 41.3



#95
 Naphthalene
 Concen: 3.691 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Tgt Ion:128 Resp: 8512
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.2 15.2
 129 8.2 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.877 ug/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN053935.D
 Acq: 25 Feb 2019 17:49

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-03-022219-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	141.8
145	28.5	14.4	43.0

