

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061219\
 Data File : VN056270.D
 Acq On : 12 Jun 2019 23:47
 Operator : JC/SP
 Sample : K3159-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

Quant Time: Jun 13 04:37:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

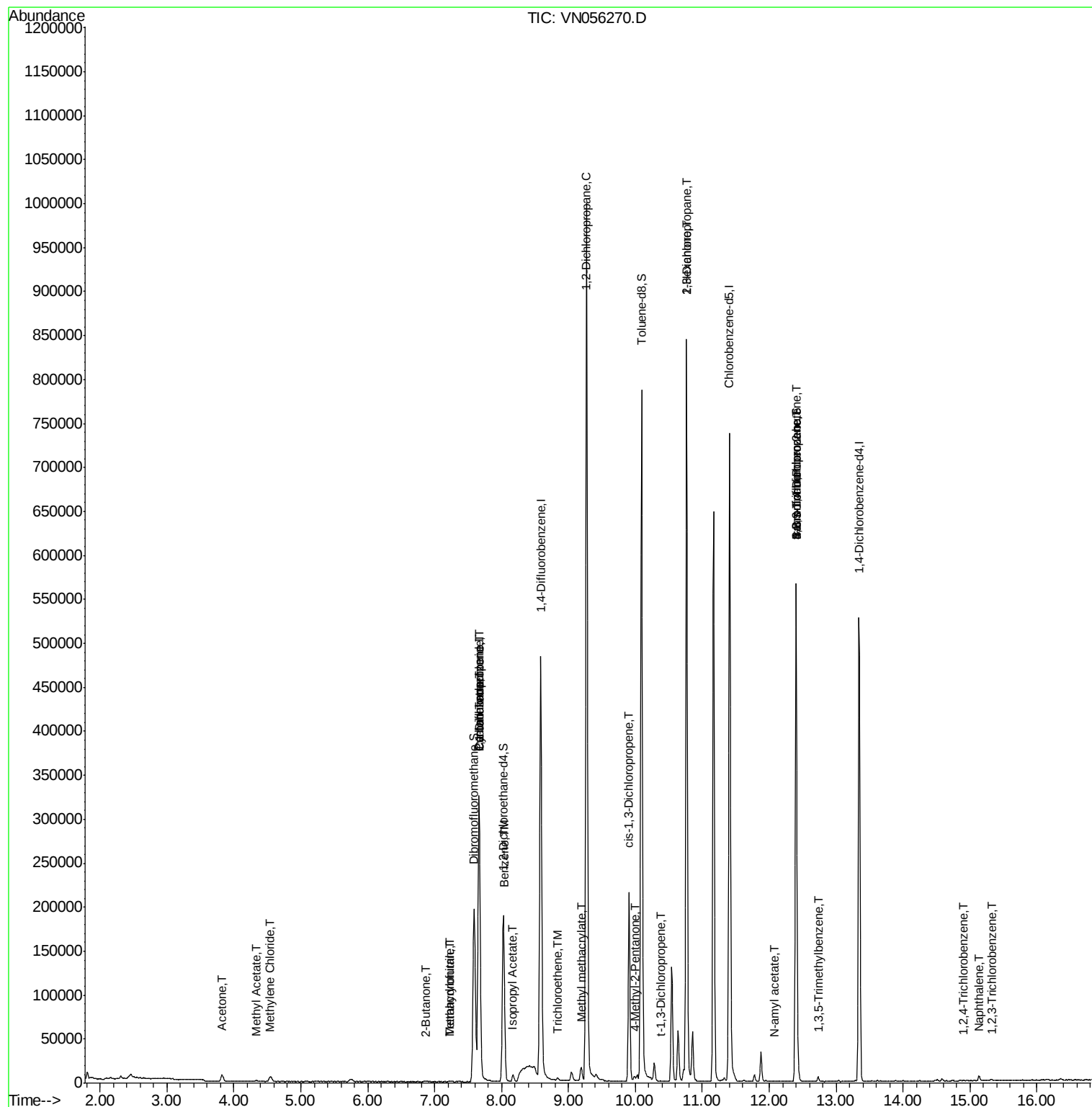
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	325957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	486948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	169740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	155241	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
35) Dibromofluoromethane	7.59	113	148820	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	10.09	98	593845	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	12.40	95	195925	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	13354	8.627	ug/l	99
18) Methyl Acetate	4.33	43	2973	0.404	ug/l #	71
20) Methylene Chloride	4.54	84	5052	1.584	ug/l	96
25) 2-Butanone	6.87	43	1496	0.765	ug/l #	47
29) Tetrahydrofuran	7.22	42	407	0.337	ug/l #	50
31) Cyclohexane	7.66	56	4276	0.833	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	17758	4.241	ug/l #	47
38) Carbon Tetrachloride	7.67	117	25366	6.571	ug/l #	14
40) Benzene	8.04	78	3241	0.255	ug/l	97
41) Methacrylonitrile	7.23	41	396	0.231	ug/l #	37
43) Isopropyl Acetate	8.17	43	9402	1.557	ug/l #	89
44) Trichloroethene	8.84	130	1216	0.333	ug/l	76
45) 1,2-Dichloropropane	9.27	63	1145	0.352	ug/l #	44
48) Methyl methacrylate	9.18	41	6122	2.073	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	3993	1.058	ug/l #	87
53) t-1,3-Dichloropropene	10.38	75	60	2.411	ug/l #	42
54) cis-1,3-Dichloropropene	9.90	75	41298	8.900	ug/l #	61
57) 1,3-Dichloropropane	10.76	76	9318	1.829	ug/l #	42
59) 2-Hexanone	10.76	43	114518	41.853	ug/l #	51
71) Bromoform	12.40	173	1577	3.273	ug/l #	1
73) Isopropylbenzene	12.25	105	472	Below Cal	#	48
74) N-amyl acetate	12.06	43	1081	0.239	ug/l #	43
76) 1,2,3-Trichloropropane	12.40	75	89185	28.555	ug/l #	100
79) 2-Chlorotoluene	12.67	91	283	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	3187	0.279	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.40	75	89185	95.093	ug/l #	15
83) tert-Butylbenzene	12.99	119	324	Below Cal	#	28
93) 1,2,4-Trichlorobenzene	14.90	180	694	4.473	ug/l #	86
94) Hexachlorobutadiene	15.01	225	344	Below Cal	#	74
95) Naphthalene	15.13	128	6007	4.534	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	1003	3.327	ug/l #	83

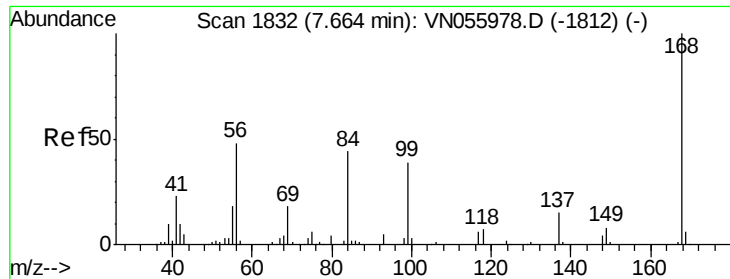
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampled :

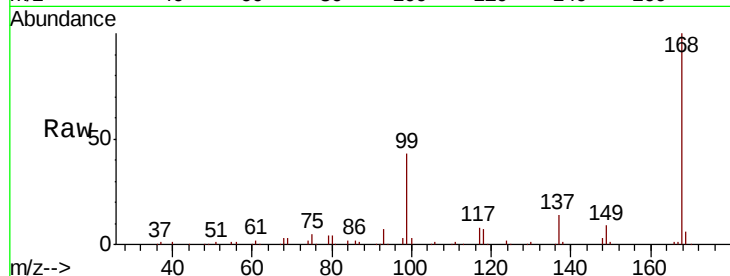
OR-03-061119-B

Tot Ion:168 Resp: 325957

Ion Ratio Lower Upper

168 100

99 43.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.67

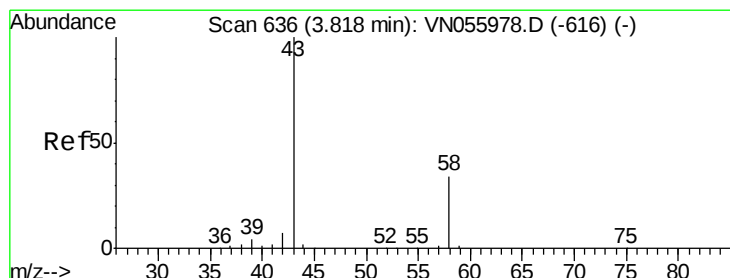
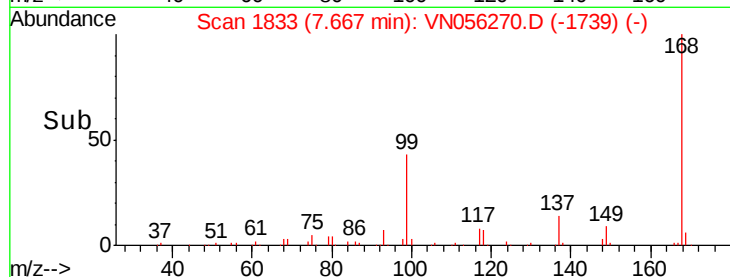
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.627 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056270.D

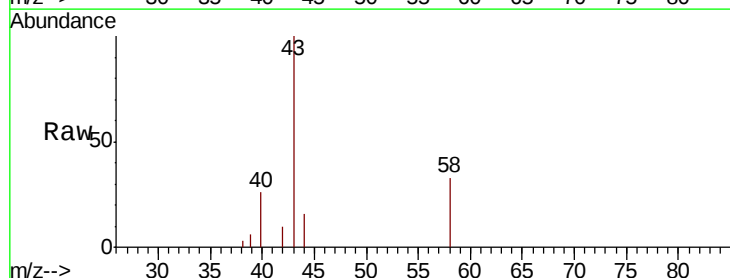
Acq: 12 Jun 2019 23:47

Tgt Ion: 43 Resp: 13354

Ion Ratio Lower Upper

43 100

58 32.7 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-616) (-)

3.82

5000

4000

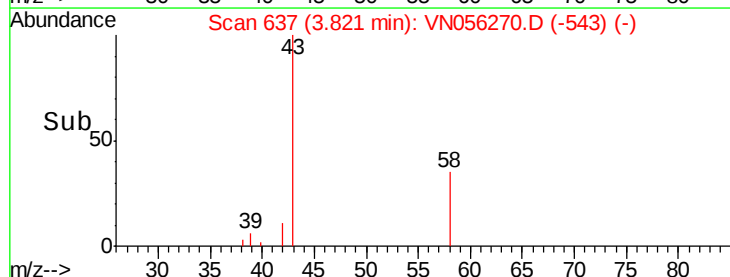
3000

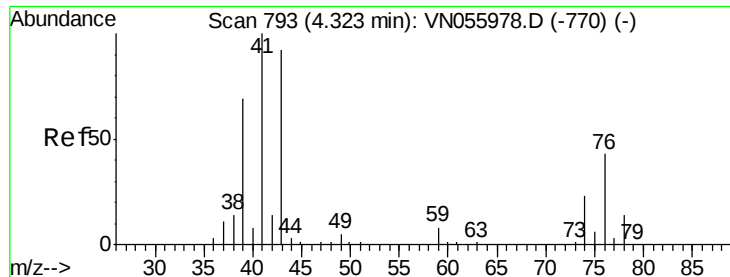
2000

1000

0

Time-->

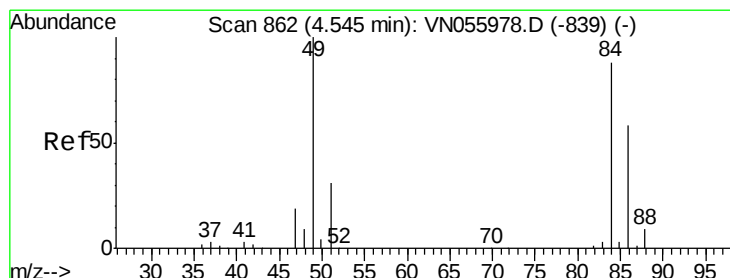
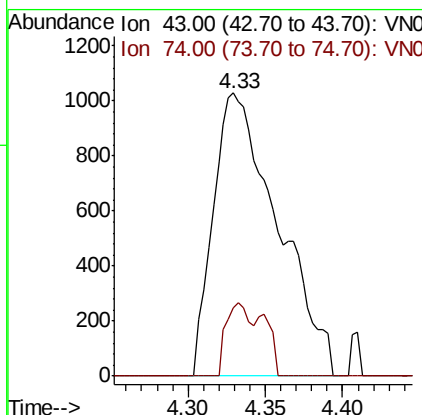
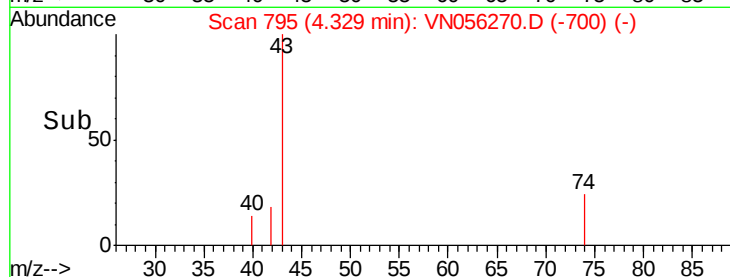
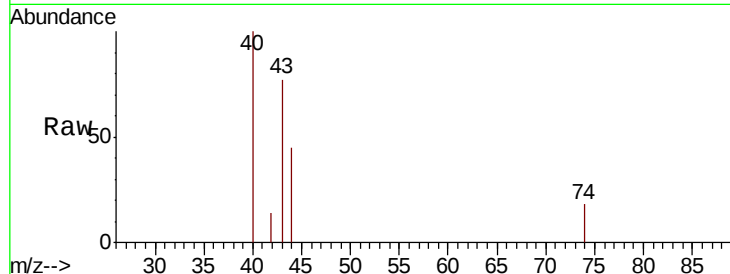




#18
Methyl Acetate
Concen: 0.404 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

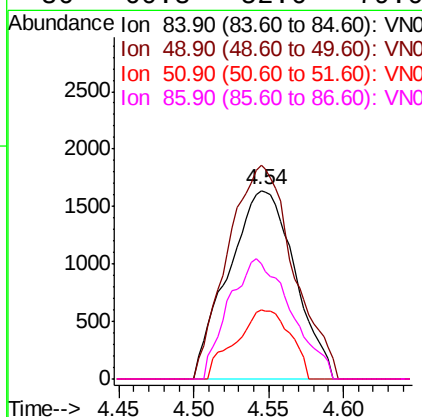
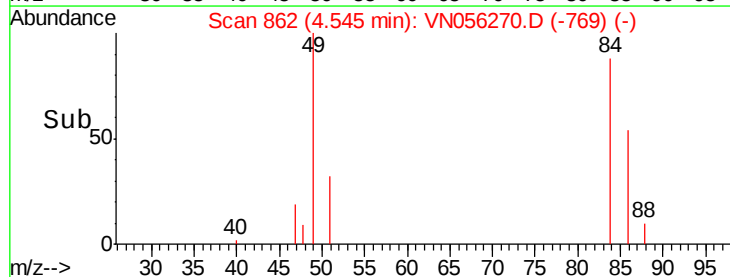
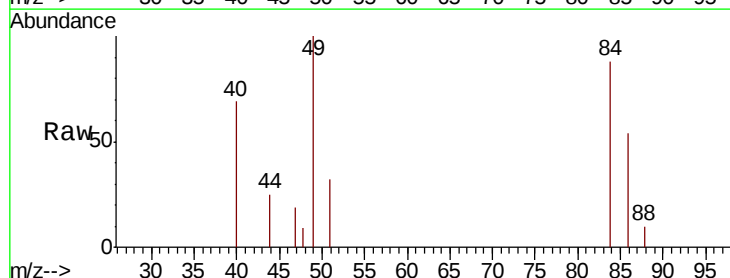
Instrument :
MSVOA_N
ClientSampleId :
OR-03-061119-B

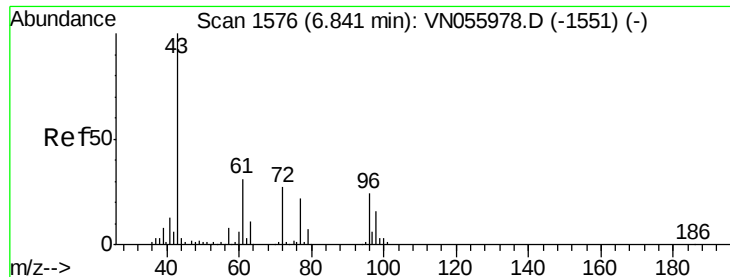
Tot Ion: 43 Resp: 2973
Ion Ratio Lower Upper
43 100
74 9.9 19.3 28.9#



#20
Methylene Chloride
Concen: 1.584 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

Tgt Ion: 84 Resp: 5052
Ion Ratio Lower Upper
84 100
49 113.2 93.5 140.3
51 36.7 28.6 43.0
86 60.8 52.6 79.0





#25

2-Butanone

Concen: 0.765 ug/l

RT: 6.87 min Scan# 1586

Delta R.T. 0.03 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

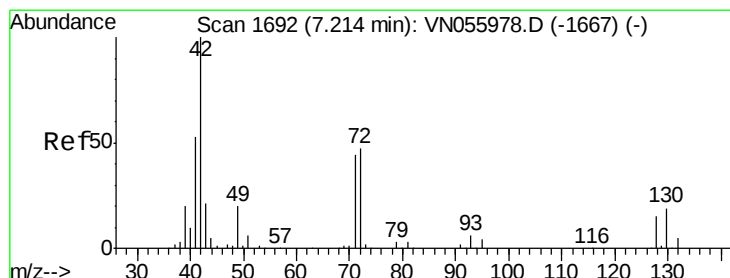
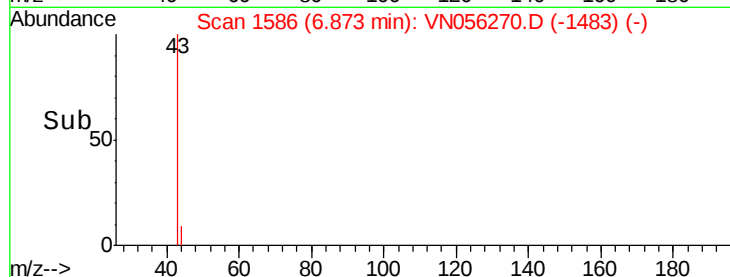
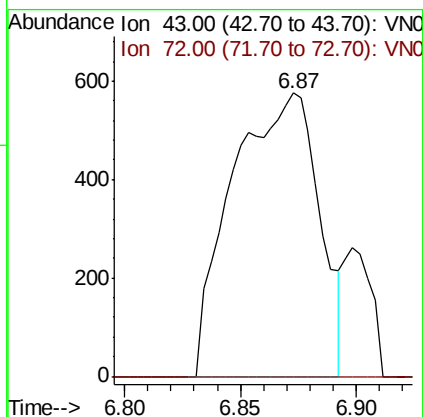
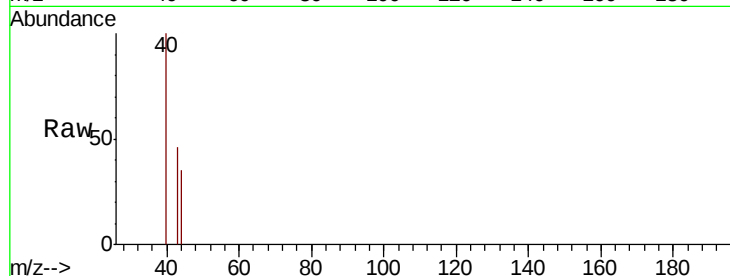
OR-03-061119-B

Tot Ion: 43 Resp: 1496

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#29

Tetrahydrofuran

Concen: 0.337 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

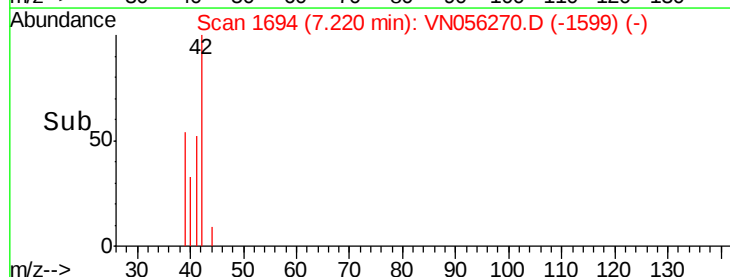
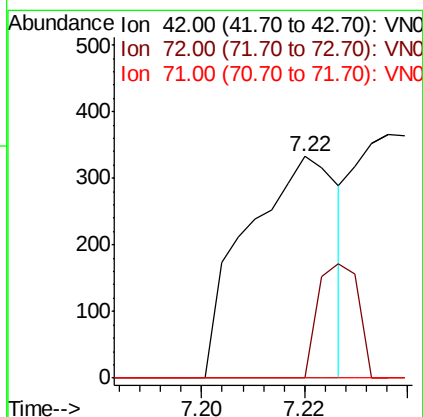
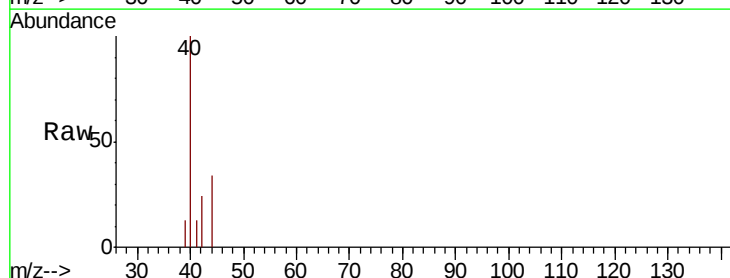
Tgt Ion: 42 Resp: 407

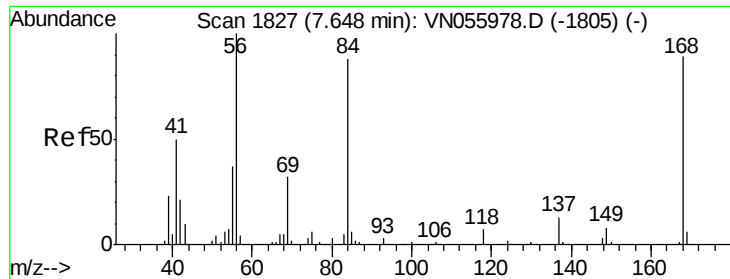
Ion Ratio Lower Upper

42 100

72 22.9 35.9 53.9#

71 0.0 34.0 51.0#

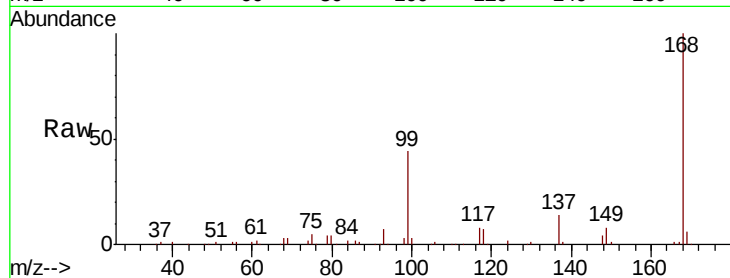




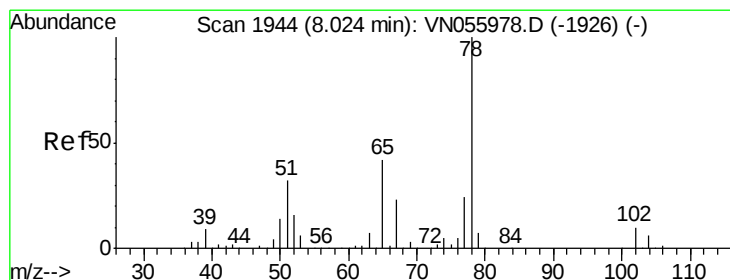
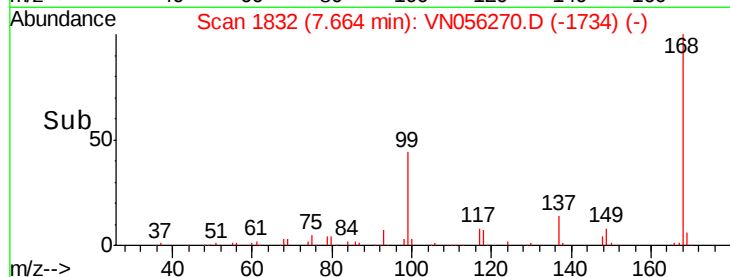
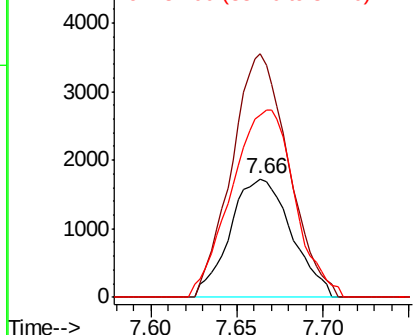
#31
Cyclohexane
Concen: 0.833 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

Instrument :
MSVOA_N
ClientSampleId :
OR-03-061119-B

Tot Ion: 56 Resp: 4276
Ion Ratio Lower Upper
56 100
69 205.6 25.6 38.4#
84 153.8 67.4 101.0#

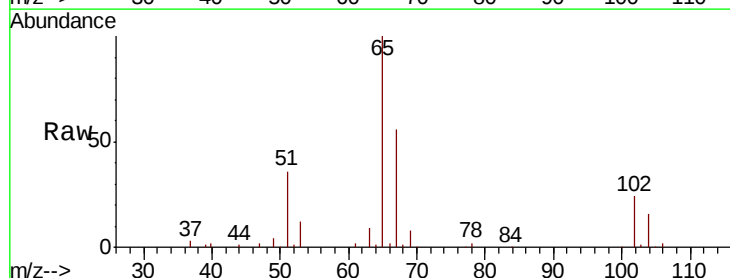


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

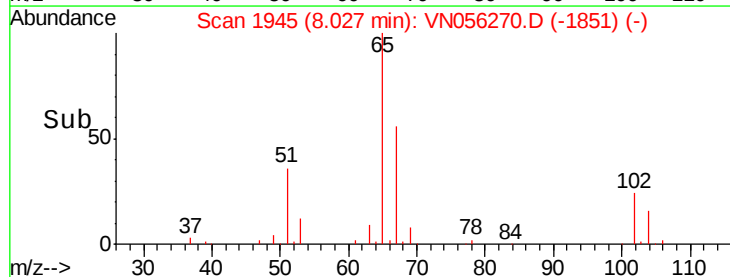
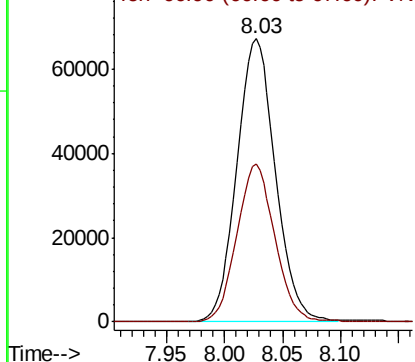


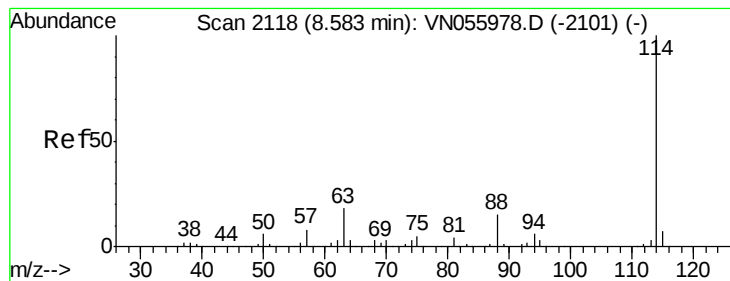
#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

Tgt Ion: 65 Resp: 155241
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.2



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

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ClientSampleId :

OR-03-061119-B

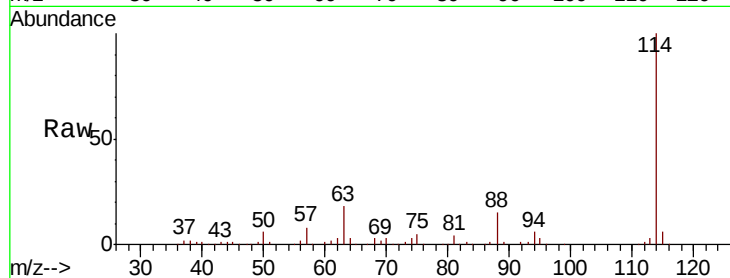
Tot Ion:114 Resp: 486948

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.2

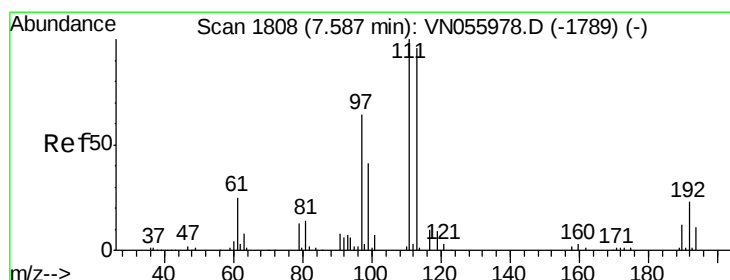
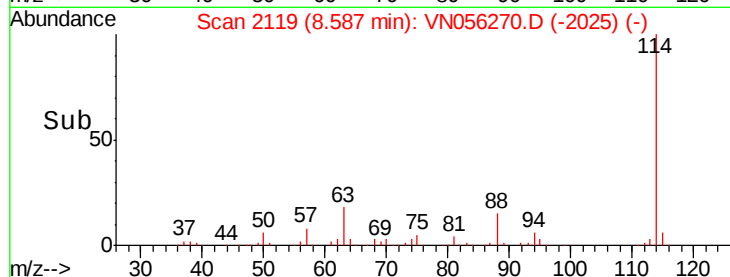
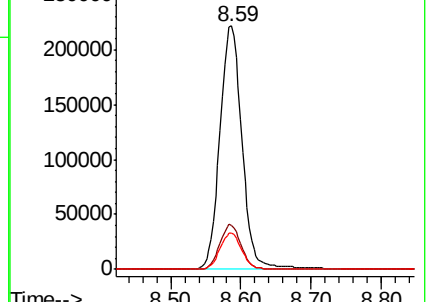
88 15.0 0.0 31.0



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: 49.813 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

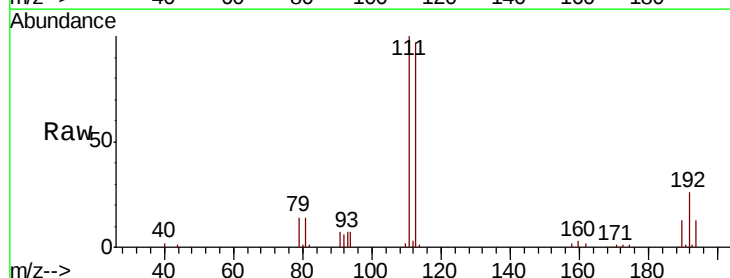
Tgt Ion:113 Resp: 148820

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

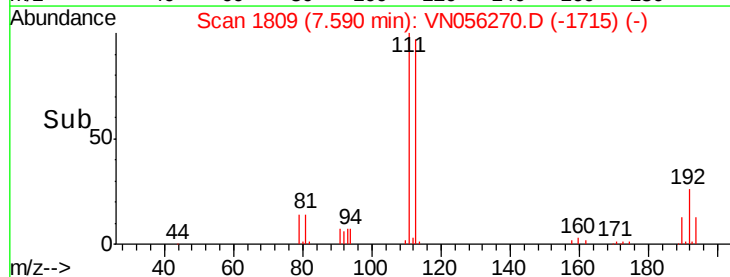
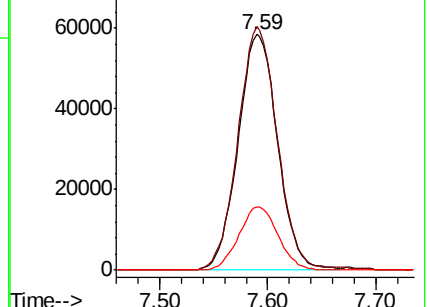
192 26.6 19.5 29.3

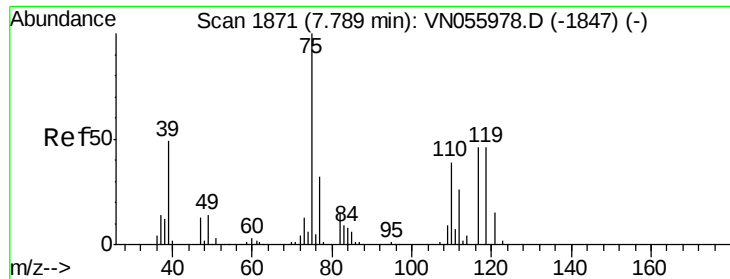


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

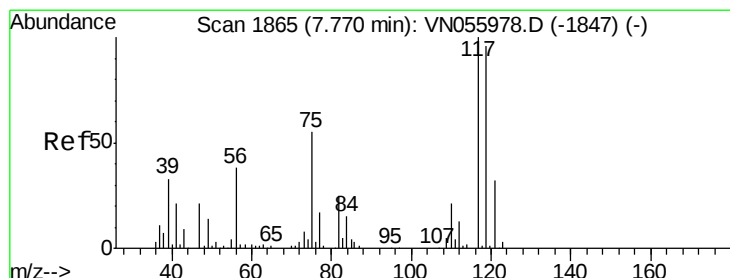
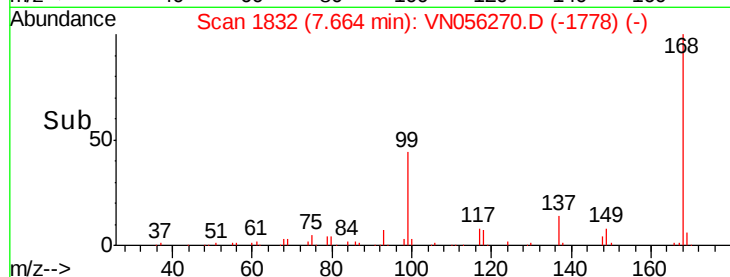
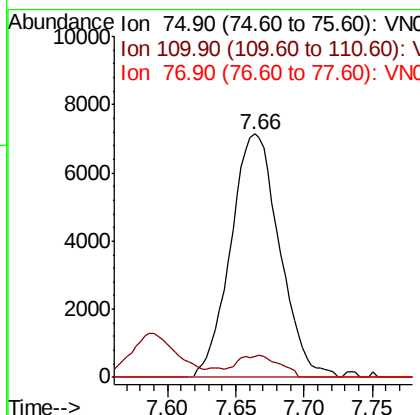
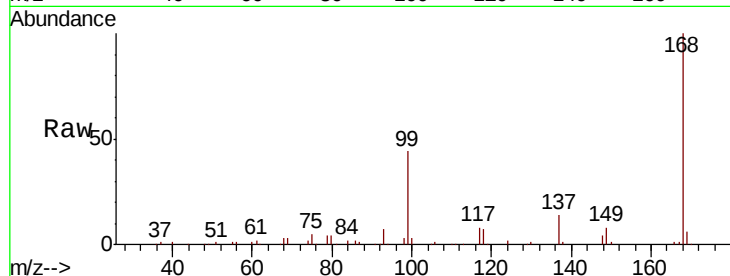




#36
 1,1-Dichloropropene
 Concen: 4.241 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

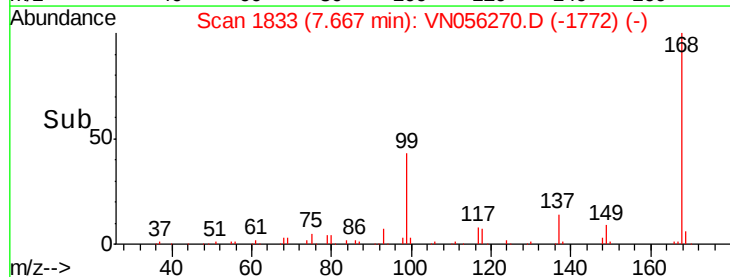
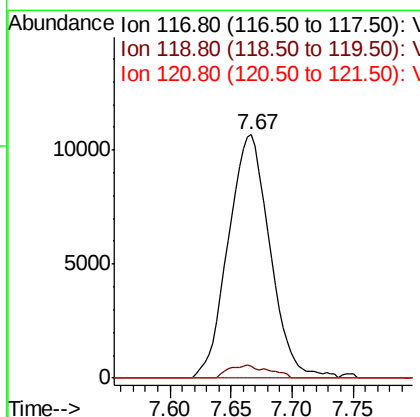
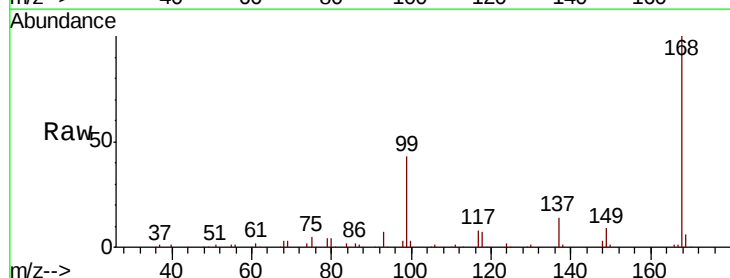
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 MSVOA_N
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 OR-03-061119-B

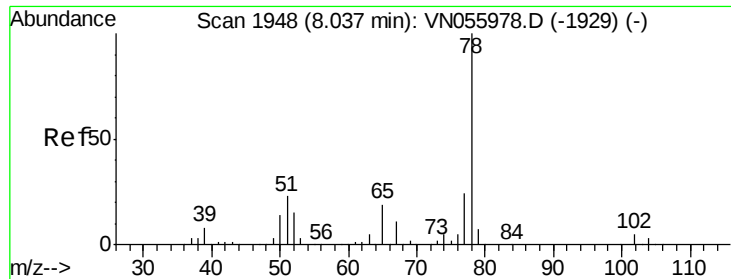
Tot Ion	75	Resp	17758
Ion Ratio	Lower	Upper	
75	100		
110	7.9	19.0	57.0#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.571 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.10 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Tgt Ion	117	Resp	25366
Ion Ratio	Lower	Upper	
117	100		
119	4.8	79.0	118.6#
121	0.0	24.7	37.1#





#40

Benzene

Concen: 0.255 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.01 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

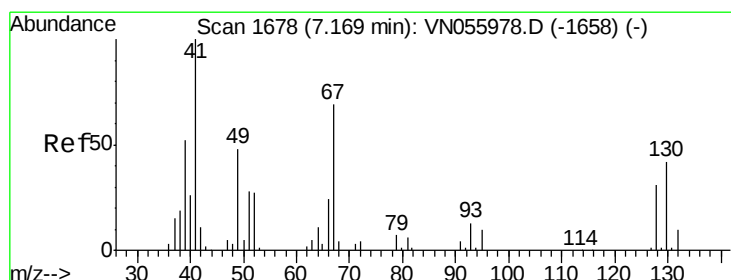
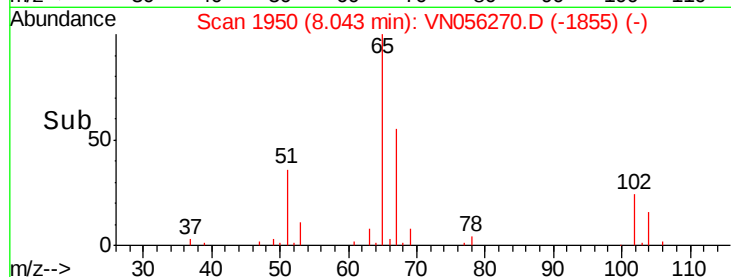
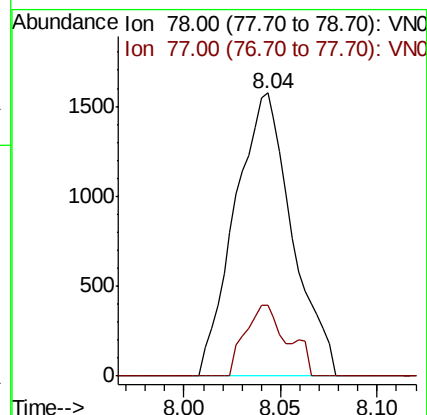
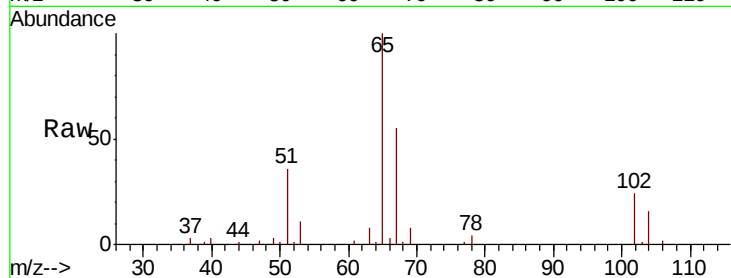
OR-03-061119-B

Tot Ion: 78 Resp: 3241

Ion Ratio Lower Upper

78 100

77 25.0 18.8 28.2



#41

Methacrylonitrile

Concen: 0.231 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.06 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Tgt Ion: 41 Resp: 396

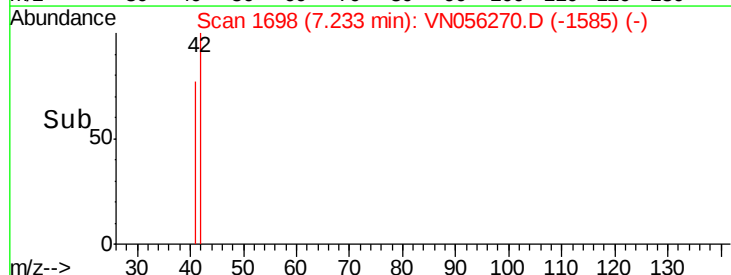
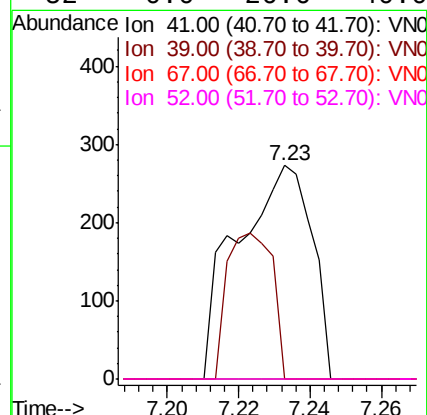
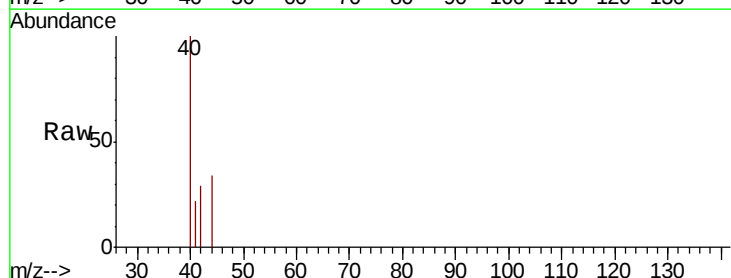
Ion Ratio Lower Upper

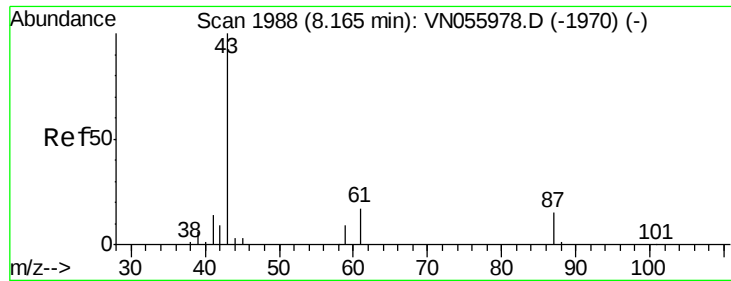
41 100

39 41.4 45.6 68.4#

67 0.0 67.7 101.5#

52 0.0 26.6 40.0#





#43

Isopropyl Acetate

Concen: 1.557 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-B

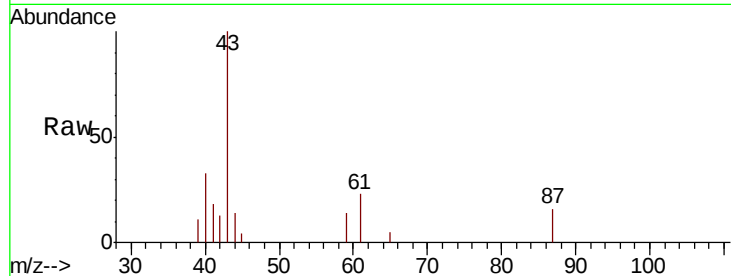
Tot Ion: 43 Resp: 9402

Ion Ratio Lower Upper

43 100

61 19.3 22.2 33.4#

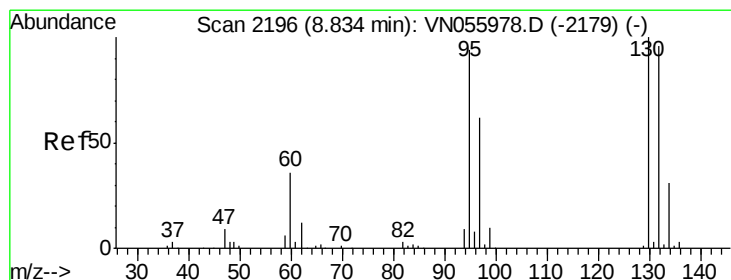
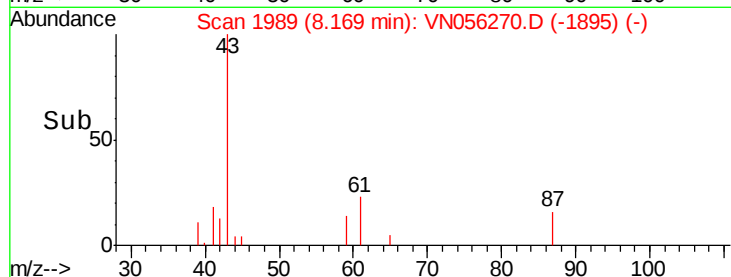
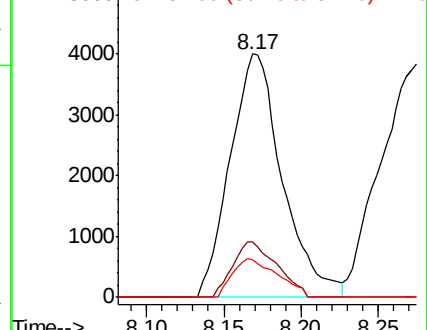
87 13.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 0.333 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN056270.D

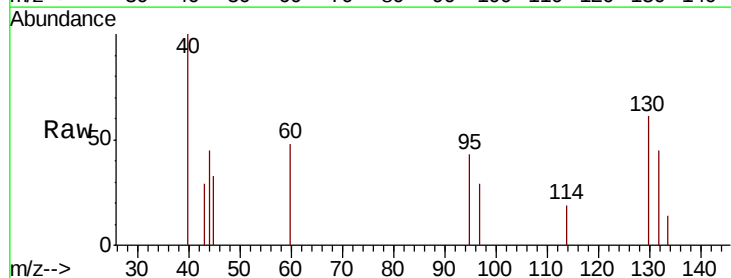
Acq: 12 Jun 2019 23:47

Tgt Ion: 130 Resp: 1216

Ion Ratio Lower Upper

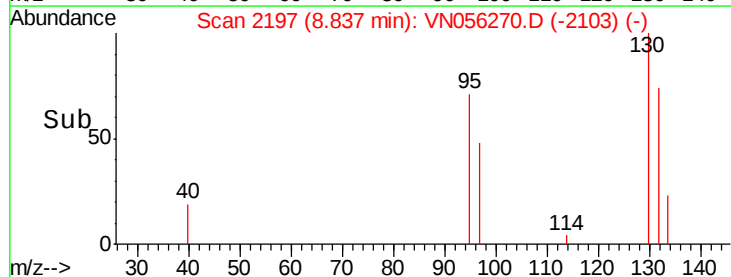
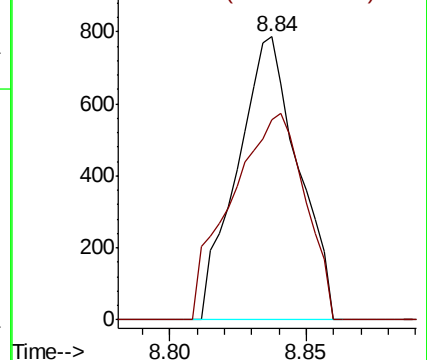
130 100

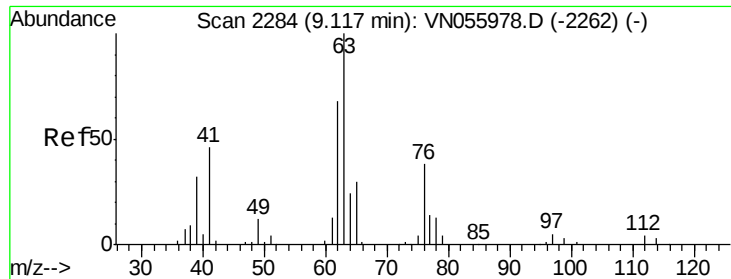
95 70.8 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

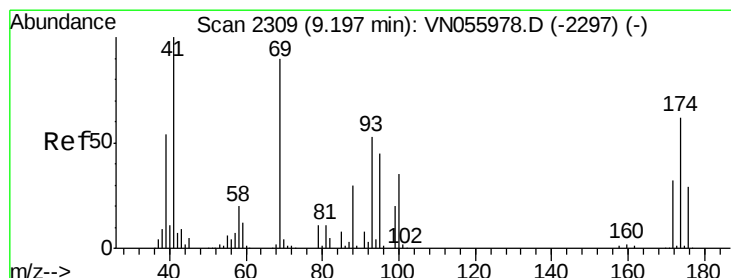
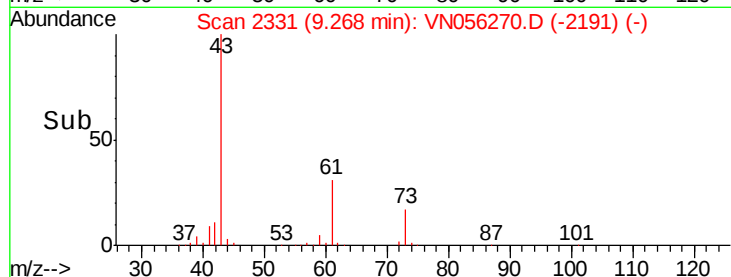
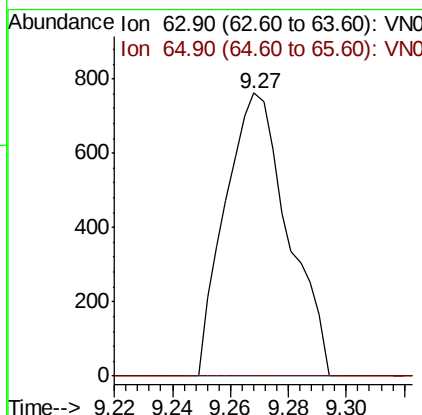
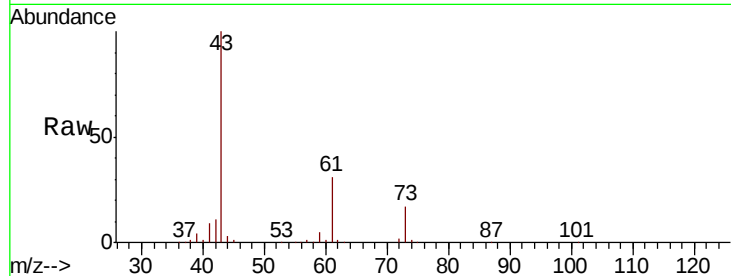




#45
 1,2-Dichloropropane
 Concen: 0.352 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

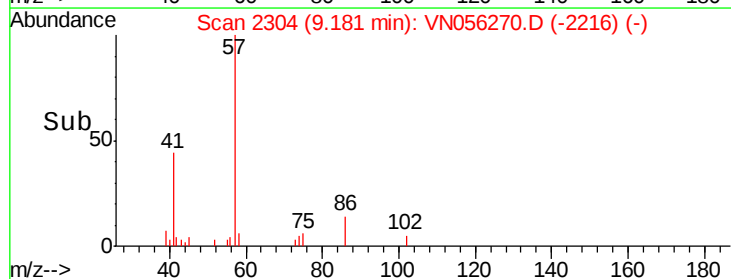
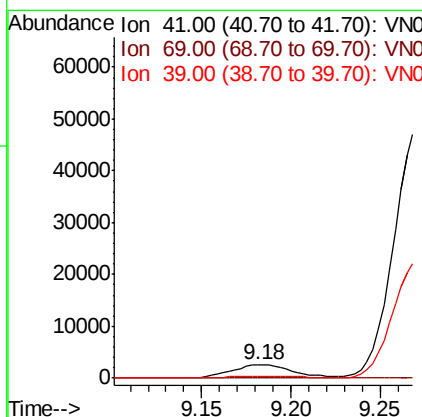
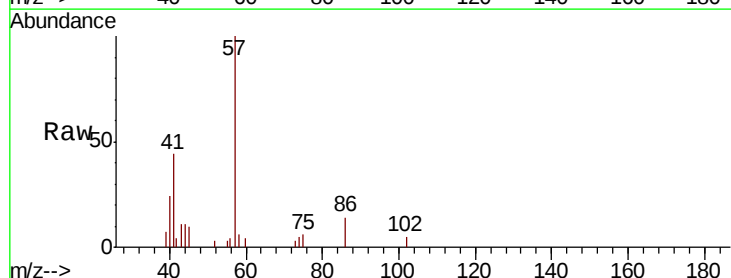
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

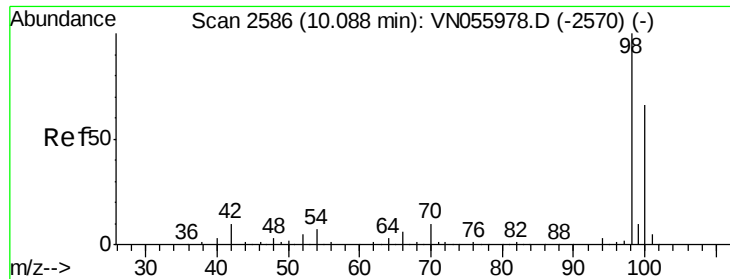
Tot Ion: 63 Resp: 1145
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.6 36.8#



#48
 Methyl methacrylate
 Concen: 2.073 ug/l
 RT: 9.18 min Scan# 2304
 Delta R.T. -0.02 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Tgt Ion: 41 Resp: 6122
 Ion Ratio Lower Upper
 41 100
 69 0.0 71.0 106.6#
 39 0.0 44.2 66.2#





#50

Toluene-d8

Concen: 51.656 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampled :

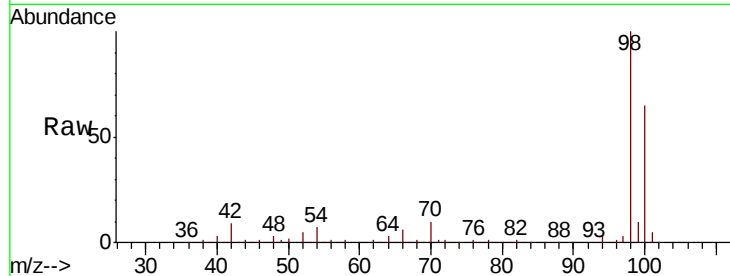
OR-03-061119-B

Tot Ion: 98 Resp: 593845

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)

10.09

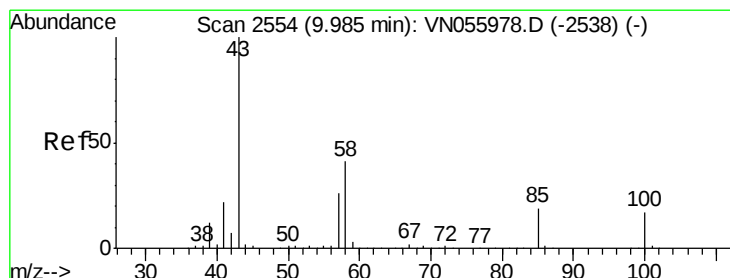
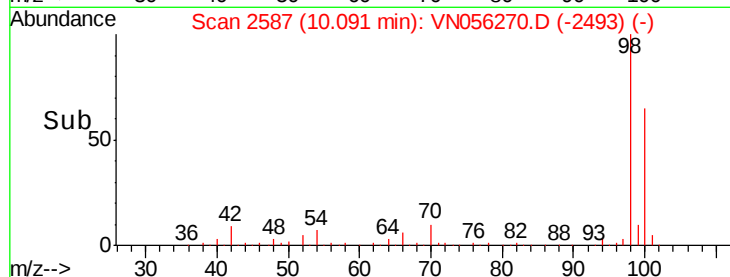
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.058 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN056270.D

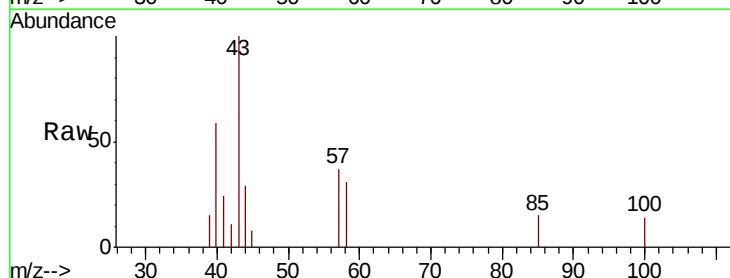
Acq: 12 Jun 2019 23:47

Tgt Ion: 43 Resp: 3993

Ion Ratio Lower Upper

43 100

58 32.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

8000

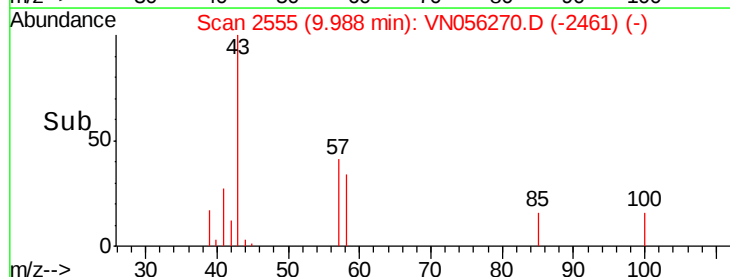
6000

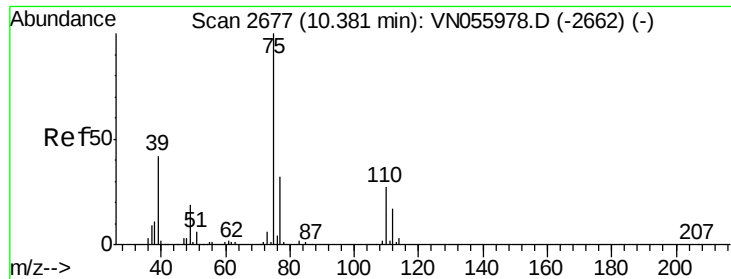
4000

2000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 2.411 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

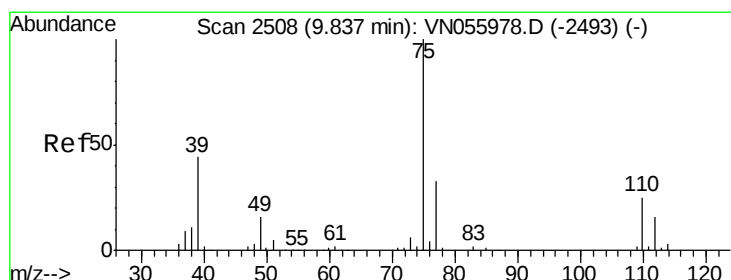
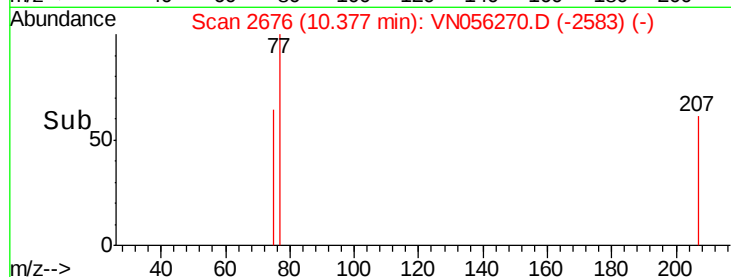
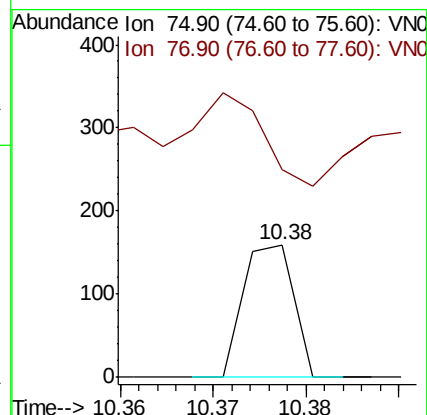
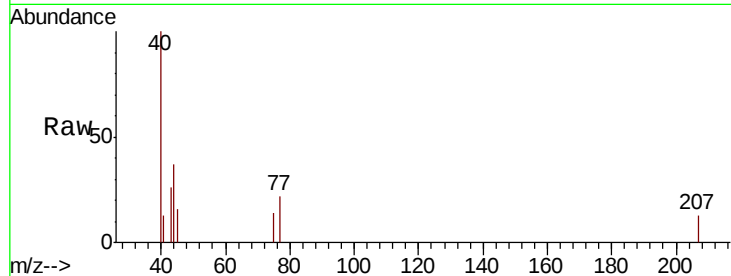
OR-03-061119-B

Tot Ion: 75 Resp: 60

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.6#



#54

cis-1,3-Dichloropropene

Concen: 8.900 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

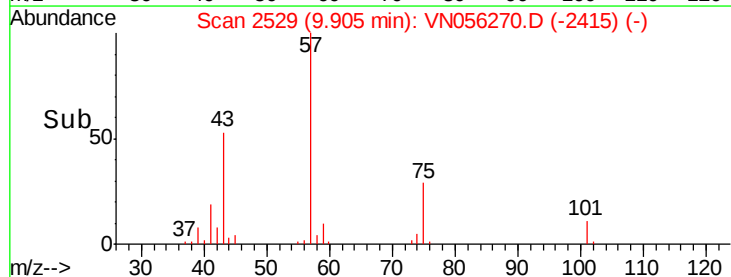
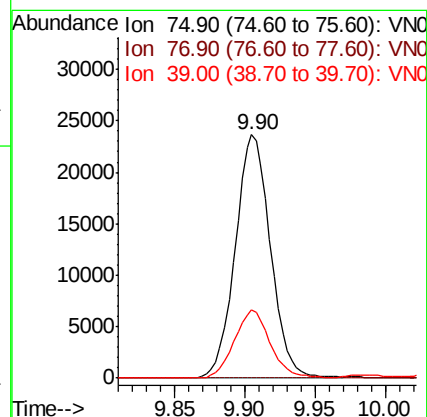
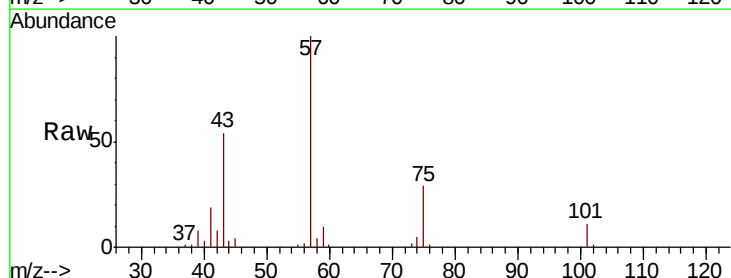
Tgt Ion: 75 Resp: 41298

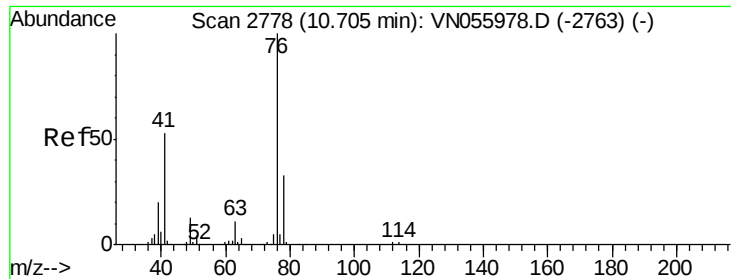
Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

39 27.9 36.3 54.5#

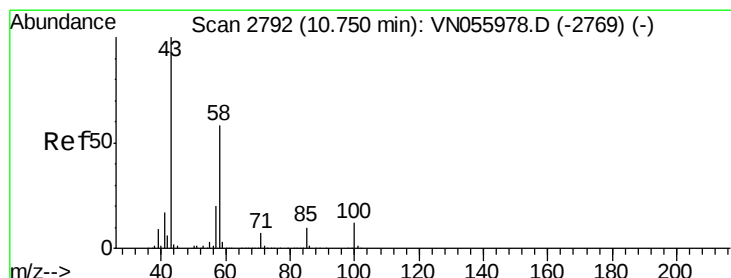
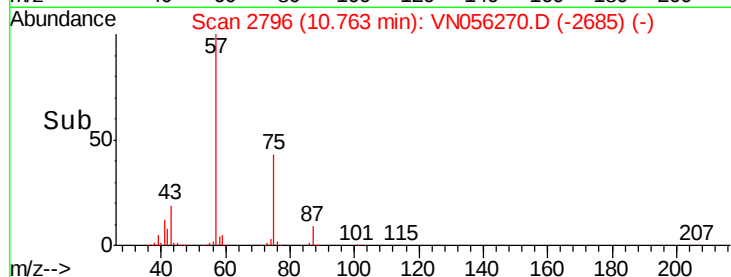
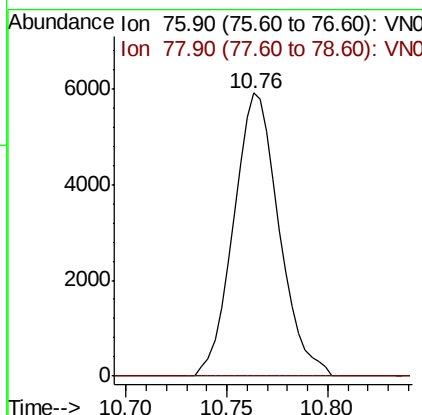
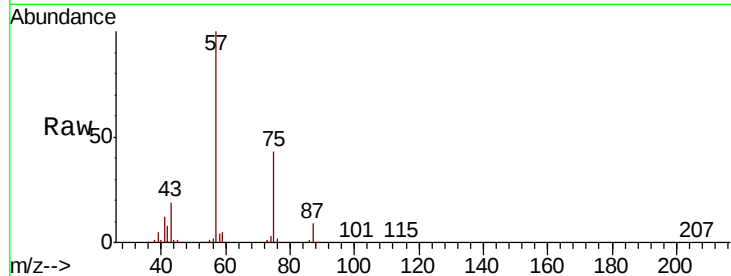




#57
 1,3-Dichloropropane
 Concen: 1.829 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

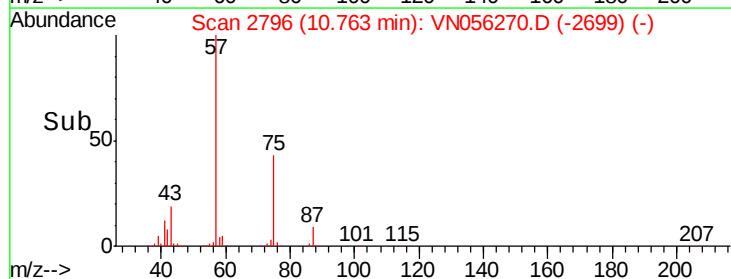
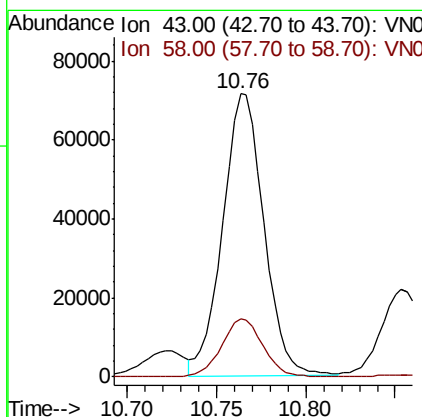
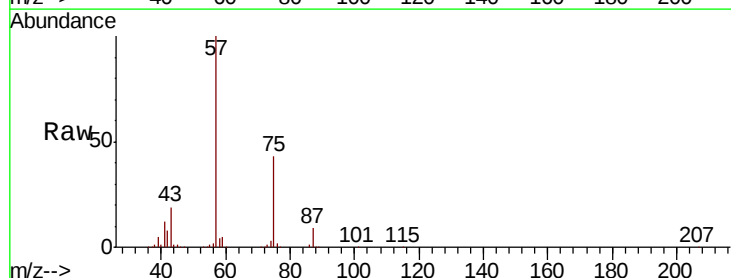
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

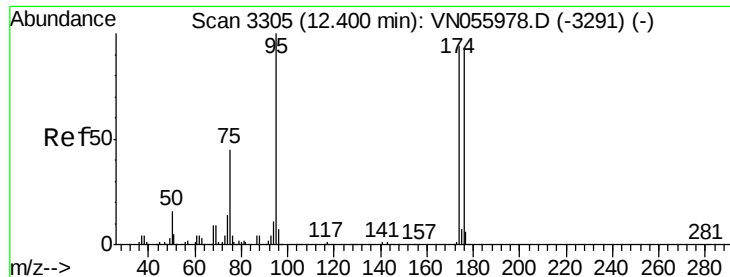
Tot Ion: 76 Resp: 9318
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.6#



#59
 2-Hexanone
 Concen: 41.853 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Tgt Ion: 43 Resp: 114518
 Ion Ratio Lower Upper
 43 100
 58 20.8 28.2 84.7#





#62

4-Bromofluorobenzene

Concen: 50.114 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-B

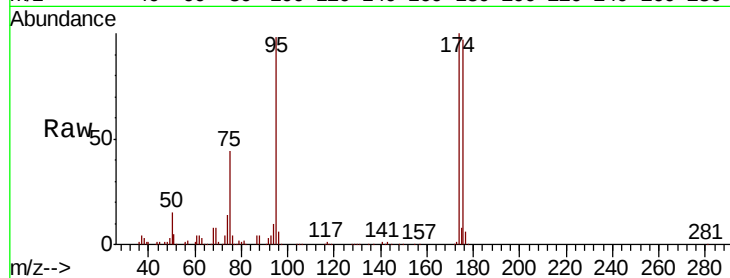
Tot Ion: 95 Resp: 195925

Ion Ratio Lower Upper

95 100

174 104.8 0.0 191.0

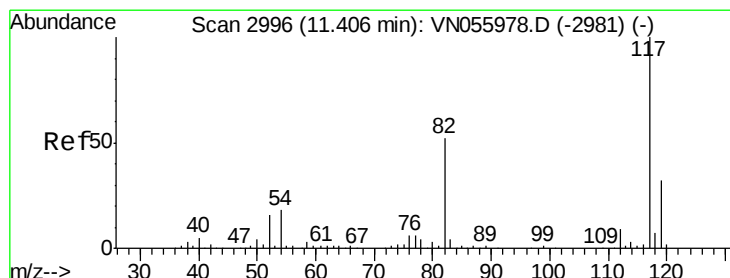
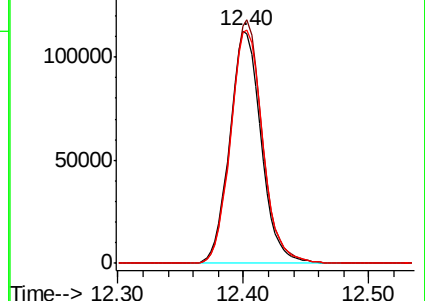
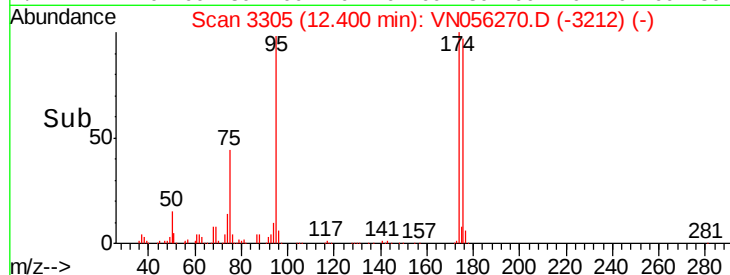
176 102.6 0.0 185.2



Abundance Ion 94.90 (94.60 to 95.60): VN056270.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN056270.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN056270.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

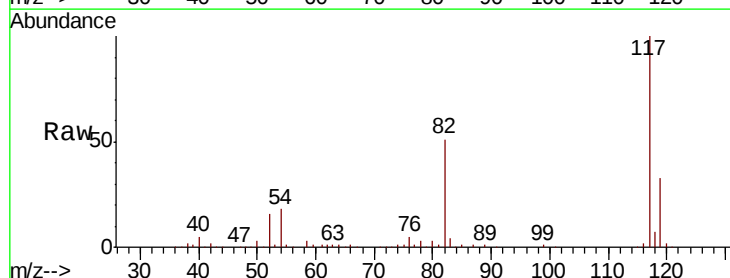
Tgt Ion: 117 Resp: 486692

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

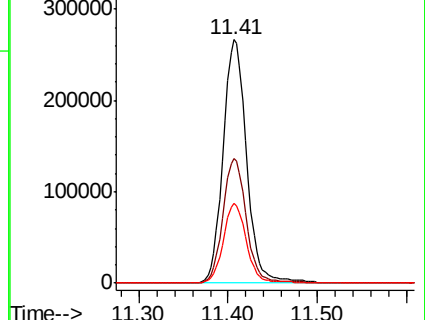
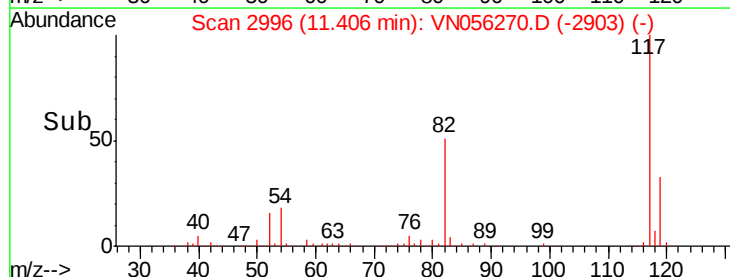
119 32.7 25.4 38.0

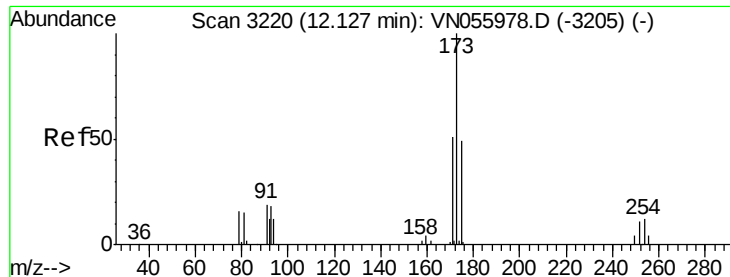


Abundance Ion 116.90 (116.60 to 117.60): VN056270.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN056270.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN056270.D (-2903) (-)





#71

Bromoform

Concen: 3.273 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

OR-03-061119-B

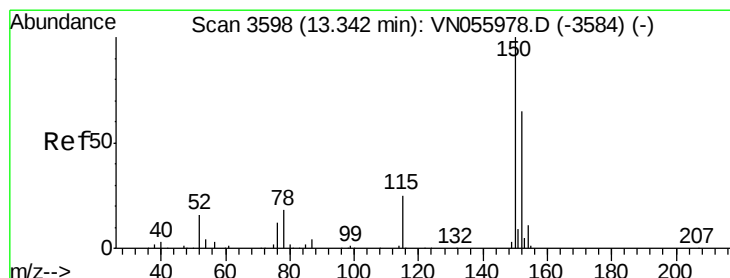
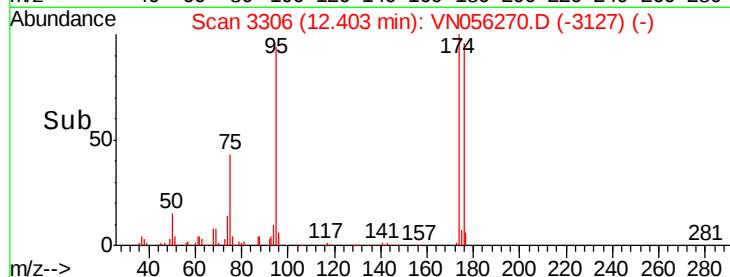
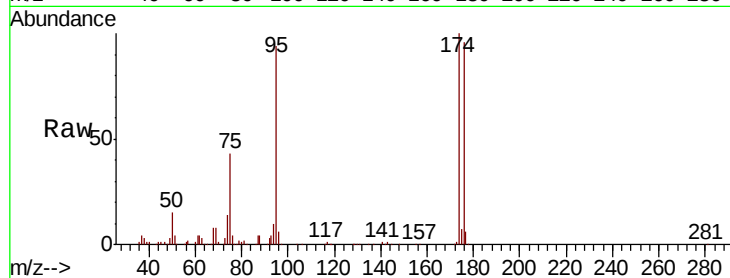
Tot Ion:173 Resp: 1577

Ion Ratio Lower Upper

173 100

175 796.0 24.3 72.8#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

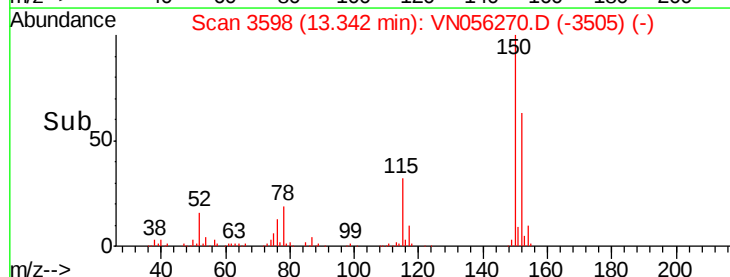
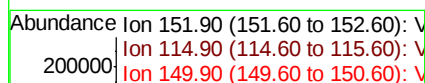
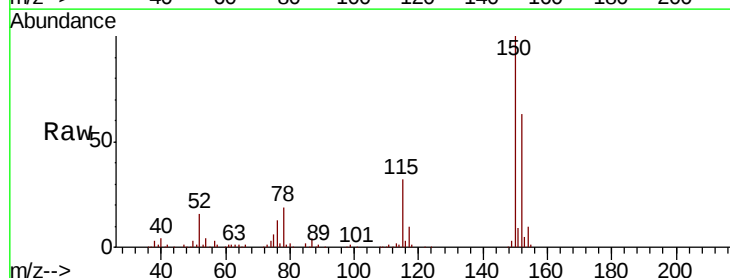
Tgt Ion:152 Resp: 169740

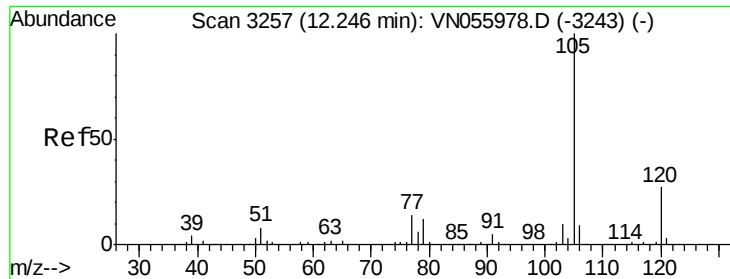
Ion Ratio Lower Upper

152 100

115 50.2 27.0 81.0

150 157.0 0.0 343.2





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampleId :

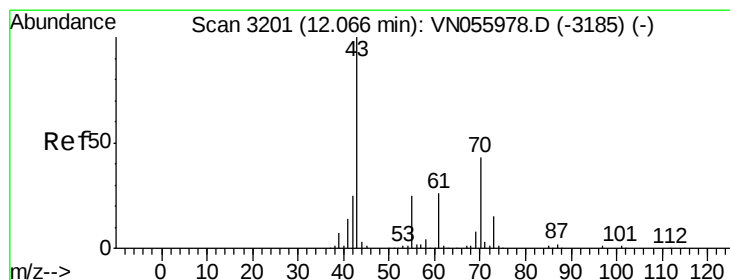
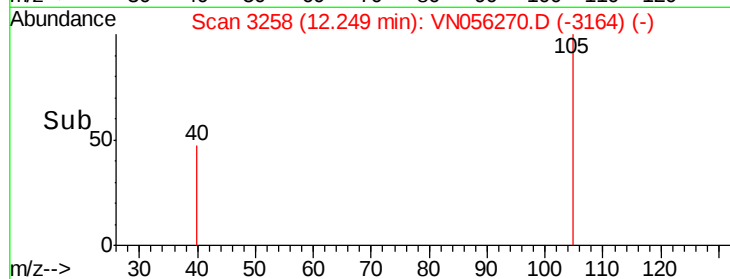
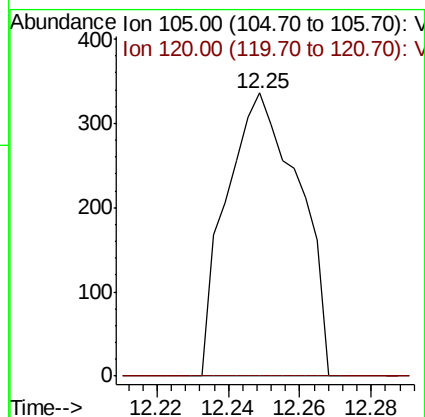
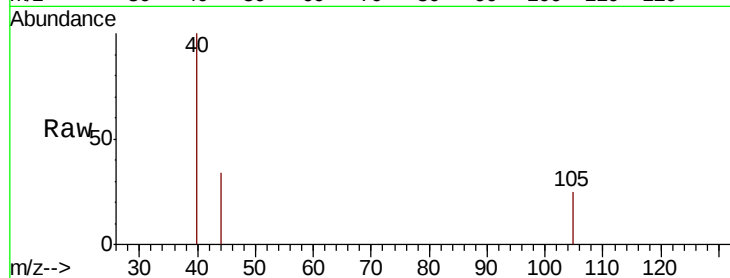
OR-03-061119-B

Tot Ion: 105 Resp: 472

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#74

N-ethyl acetate

Concen: 0.239 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Tgt Ion: 43 Resp: 1081

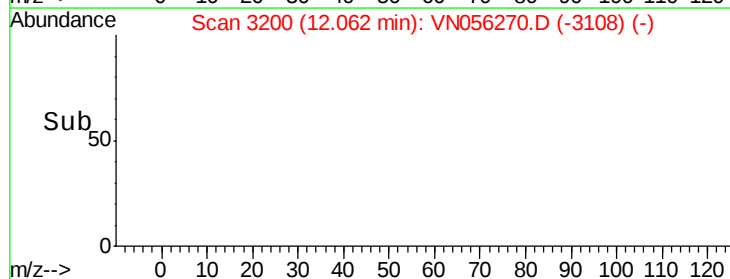
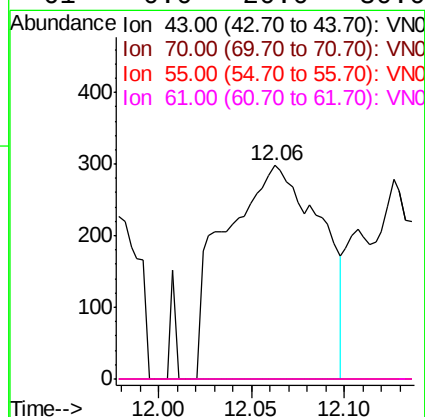
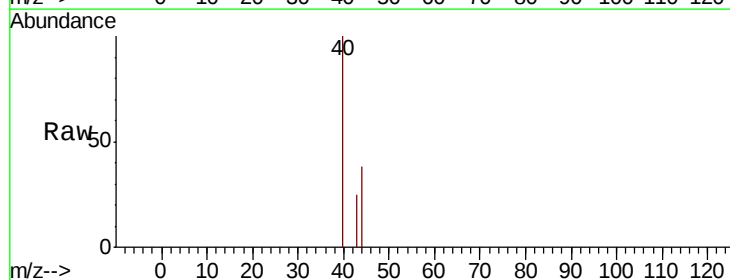
Ion Ratio Lower Upper

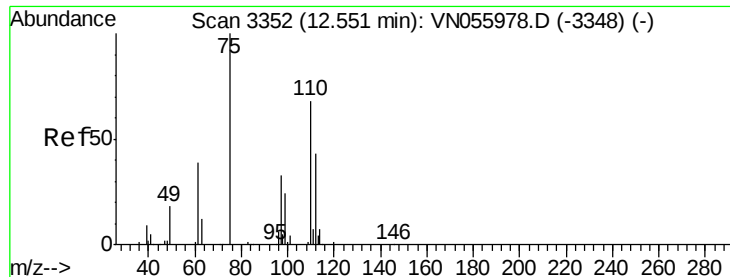
43 100

70 0.0 34.0 51.0#

55 0.0 18.6 28.0#

61 0.0 20.0 30.0#

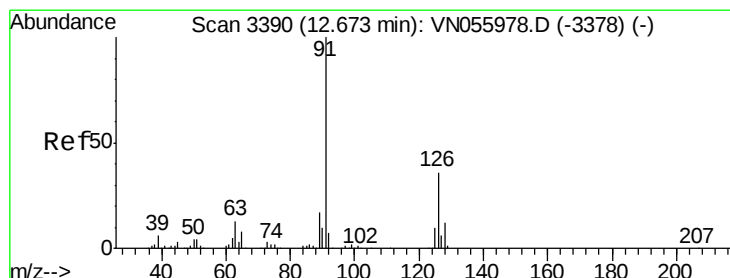
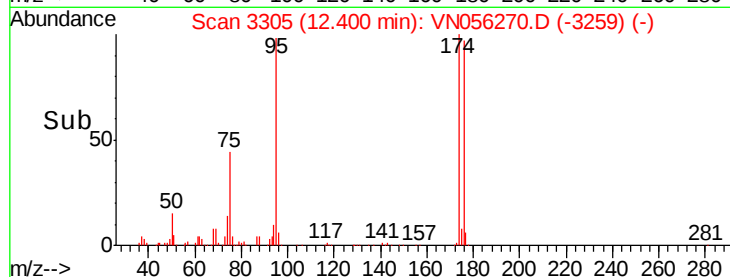
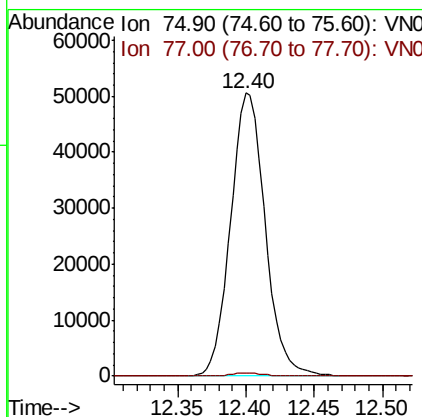
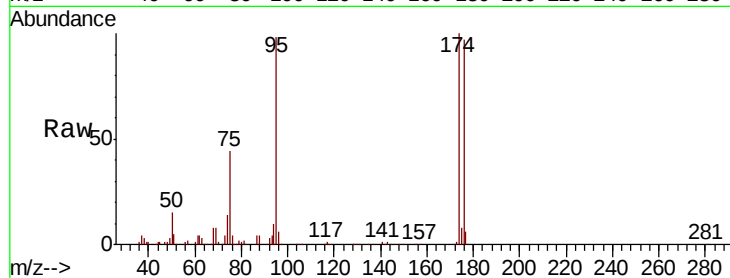




#76
 1,2,3-Trichloropropane
 Concen: 28.555 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

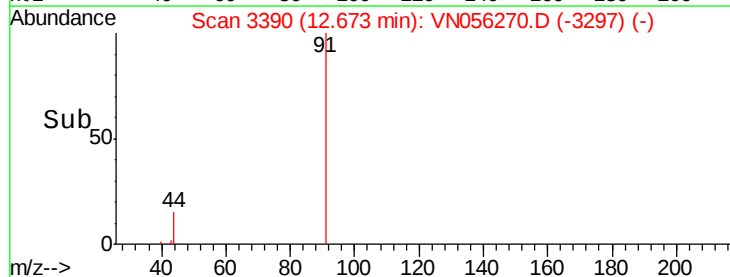
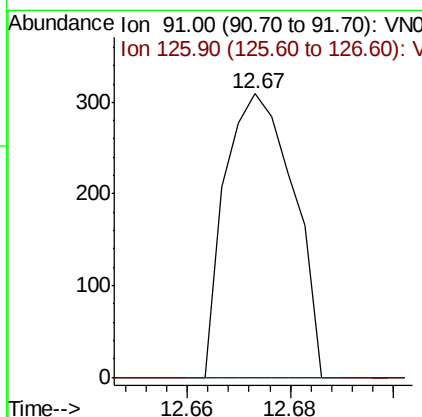
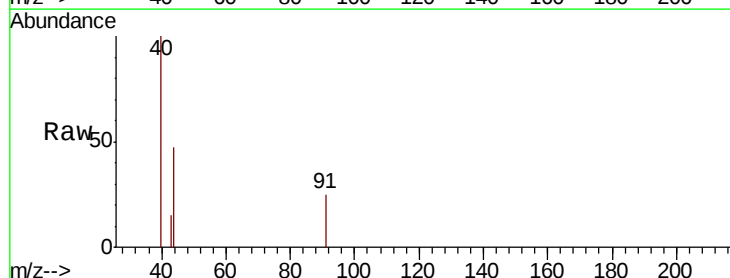
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

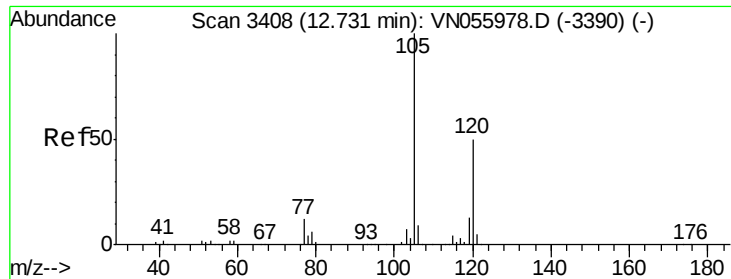
Tot Ion: 75 Resp: 89185
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#79
 2-Chlorotoluene
 Concen: Below Cal
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Tgt Ion: 91 Resp: 283
 Ion Ratio Lower Upper
 91 100
 126 0.0 18.1 54.4#





#80

1,3,5-Trimethylbenzene

Concen: 0.279 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

Instrument :

MSVOA_N

ClientSampled :

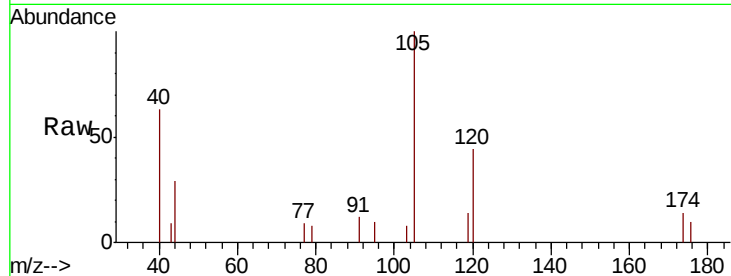
OR-03-061119-B

Tot Ion:105 Resp: 3187

Ion Ratio Lower Upper

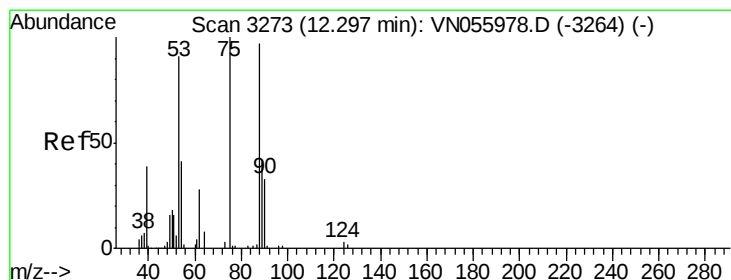
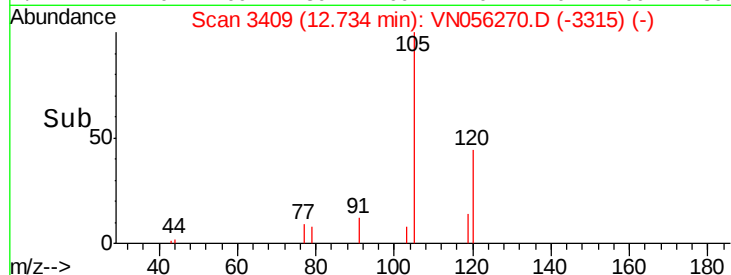
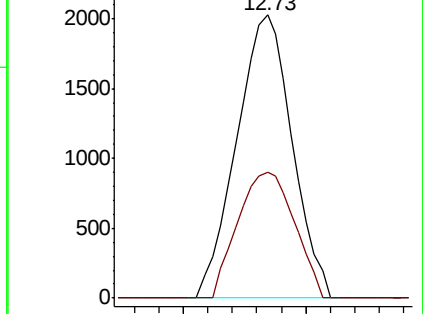
105 100

120 45.5 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 95.093 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056270.D

Acq: 12 Jun 2019 23:47

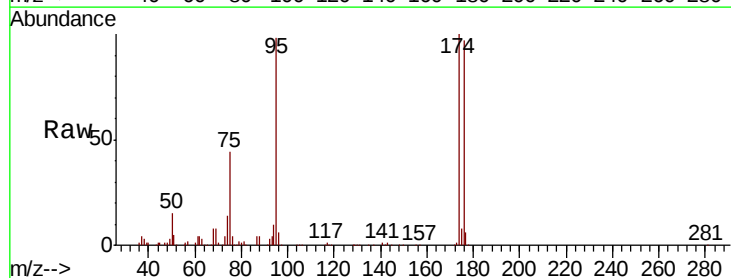
Tgt Ion: 75 Resp: 89185

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

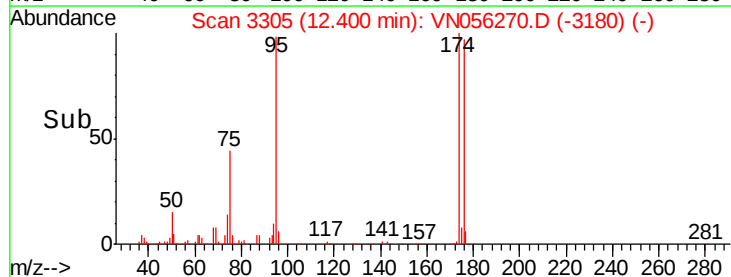
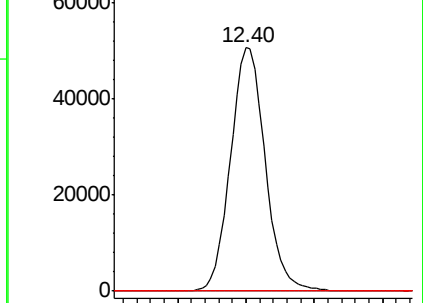
89 0.0 36.9 55.3#

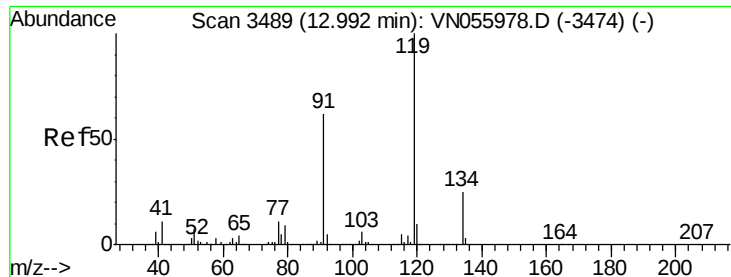


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

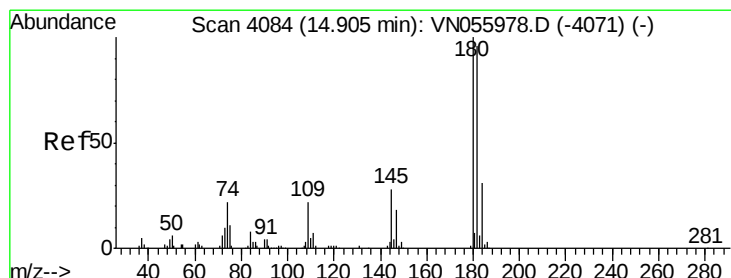
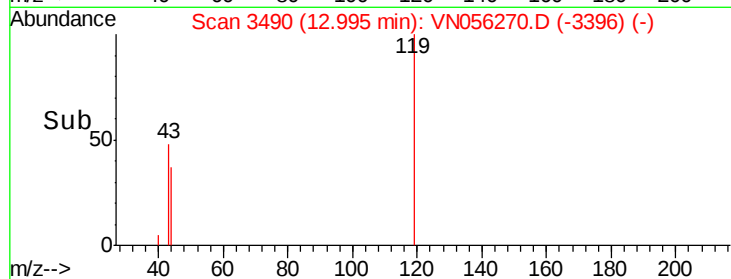
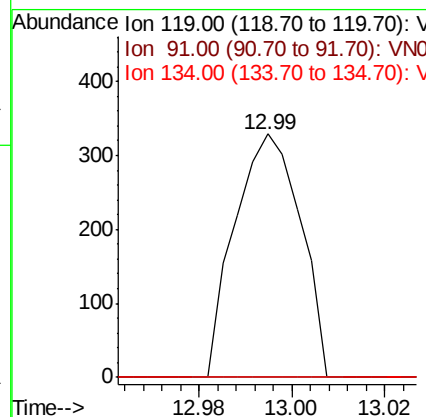
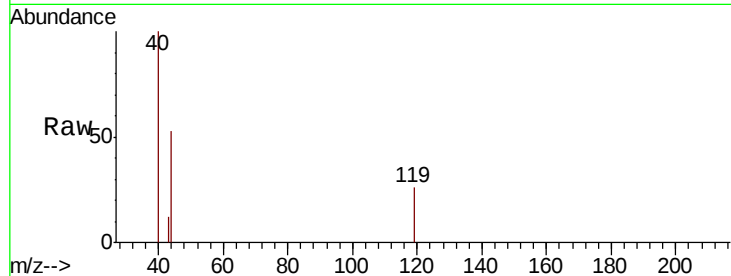




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

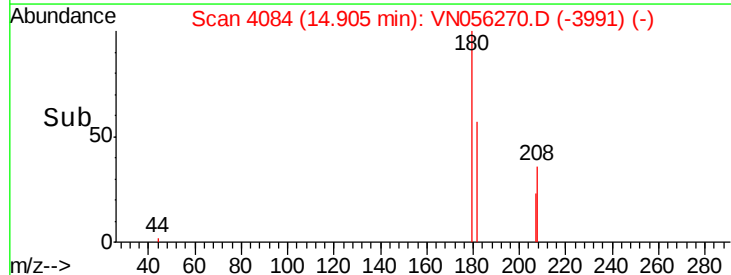
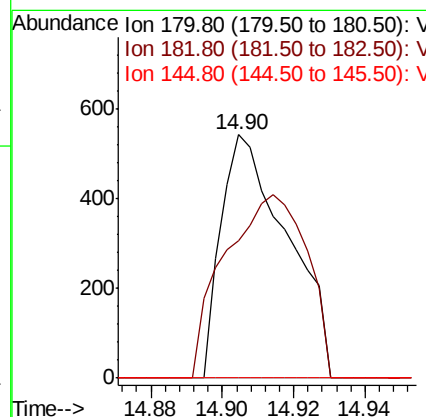
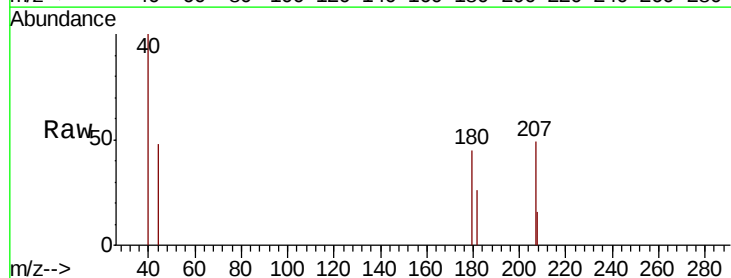
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

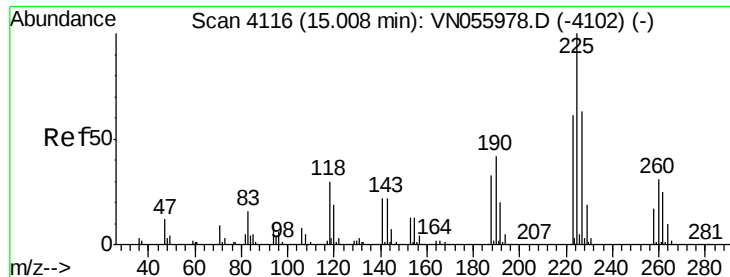
Tot Ion	Ratio	Lower	Upper
119	100		
91	0.0	30.9	92.8#
134	0.0	13.3	39.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.473 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.3	144.9
145	0.0	14.0	41.9#

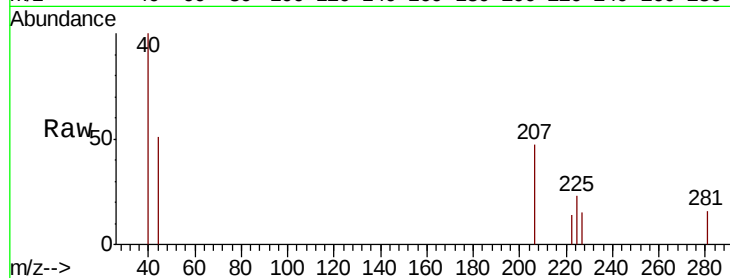




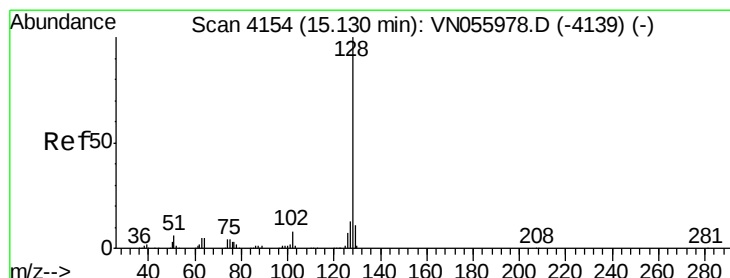
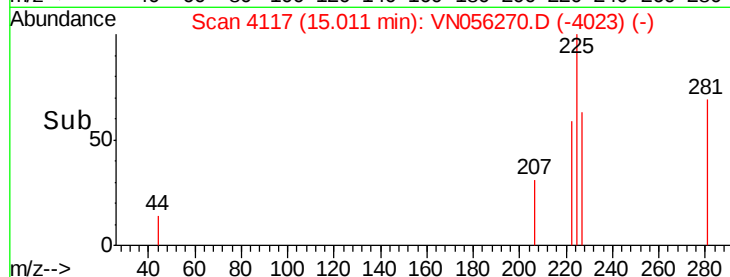
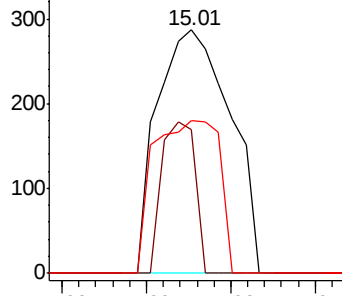
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

Instrument :
MSVOA_N
ClientSampleId :
OR-03-061119-B

Tot Ion:225 Resp: 344
Ion Ratio Lower Upper
225 100
223 28.5 30.9 92.7#
227 56.4 31.6 94.7

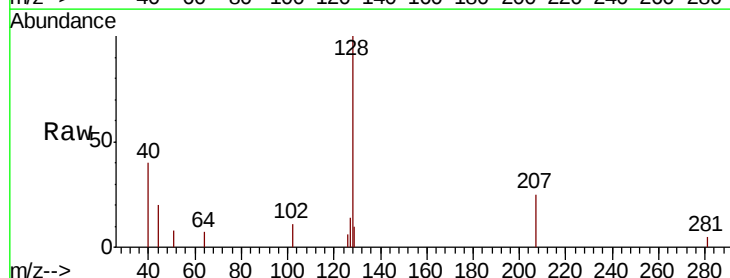


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

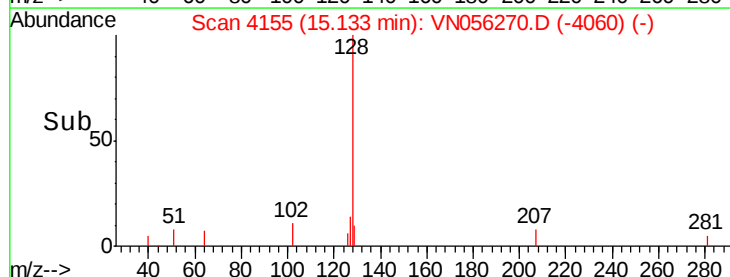
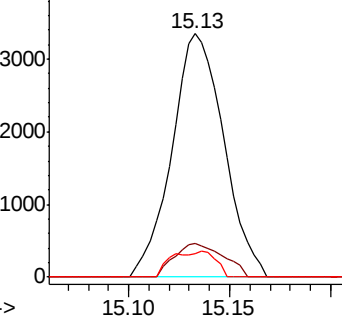


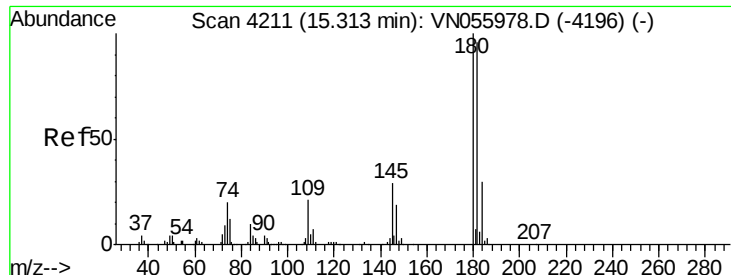
#95
Naphthalene
Concen: 4.534 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN056270.D
Acq: 12 Jun 2019 23:47

Tgt Ion:128 Resp: 6007
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 9.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.327 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056270.D
 Acq: 12 Jun 2019 23:47

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-061119-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.6	47.9	143.7
145	9.6	14.9	44.7#

