

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060926.D
 Acq On : 14 Apr 2020 12:29
 Operator : JC/MD
 Sample : L2205-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

Quant Time: Apr 15 07:42:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	138194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	233048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	91690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	91532	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.56	113	69327	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.08	98	289879	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	103501	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.72	59	360	1.290	ug/l #	72
16) Acetone	3.79	43	10166	15.128	ug/l	99
18) Methyl Acetate	4.30	43	1611	0.852	ug/l #	62
20) Methylene Chloride	4.52	84	3708	2.243	ug/l	90
25) 2-Butanone	6.80	43	2580	2.373	ug/l	93
29) Tetrahydrofuran	7.17	42	391	0.508	ug/l #	35
31) Cyclohexane	7.63	56	2905	0.951	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11178	4.953	ug/l #	46
37) Ethyl Acetate	6.80	43	2580	1.058	ug/l #	70
38) Carbon Tetrachloride	7.64	117	13424	6.637	ug/l #	17
43) Isopropyl Acetate	8.14	43	44583	11.087	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	610	0.339	ug/l #	43
48) Methyl methacrylate	9.16	41	2915	1.628	ug/l #	15
51) 4-Methyl-2-Pentanone	9.97	43	4879	2.132	ug/l	96
54) cis-1,3-Dichloropropene	9.89	75	17726	6.229	ug/l #	60
57) 1,3-Dichloropropane	10.75	76	2671	0.972	ug/l #	42
59) 2-Hexanone	10.75	43	42681	25.893	ug/l #	55
69) o-Xylene	11.94	106	614	0.221	ug/l	87
71) Bromoform	12.39	173	297	1.906	ug/l #	1
74) N-amyl acetate	12.06	43	676	0.213	ug/l #	56
76) 1,2,3-Trichloropropane	12.40	75	51670	26.116	ug/l #	100
78) n-propylbenzene	12.59	91	1630	0.201	ug/l	77
80) 1,3,5-Trimethylbenzene	12.73	105	1813	0.310	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	51670	67.074	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.04	105	2597	0.450	ug/l	90
86) p-Isopropyltoluene	13.28	119	1207	0.206	ug/l	87
87) 1,3-Dichlorobenzene	13.27	146	713	0.244	ug/l	94
88) 1,4-Dichlorobenzene	13.27	146	713	0.243	ug/l	94
89) n-Butylbenzene	13.61	91	2313	0.438	ug/l #	80
90) Hexachloroethane	13.94	117	546	0.642	ug/l #	8
91) 1,2-Dichlorobenzene	13.65	146	665	0.238	ug/l	86
92) 1,2-Dibromo-3-Chloropropan	14.27	75	62	Below Cal	#	3
93) 1,2,4-Trichlorobenzene	14.90	180	1395	0.812	ug/l	96
94) Hexachlorobutadiene	15.01	225	401	0.476	ug/l	89

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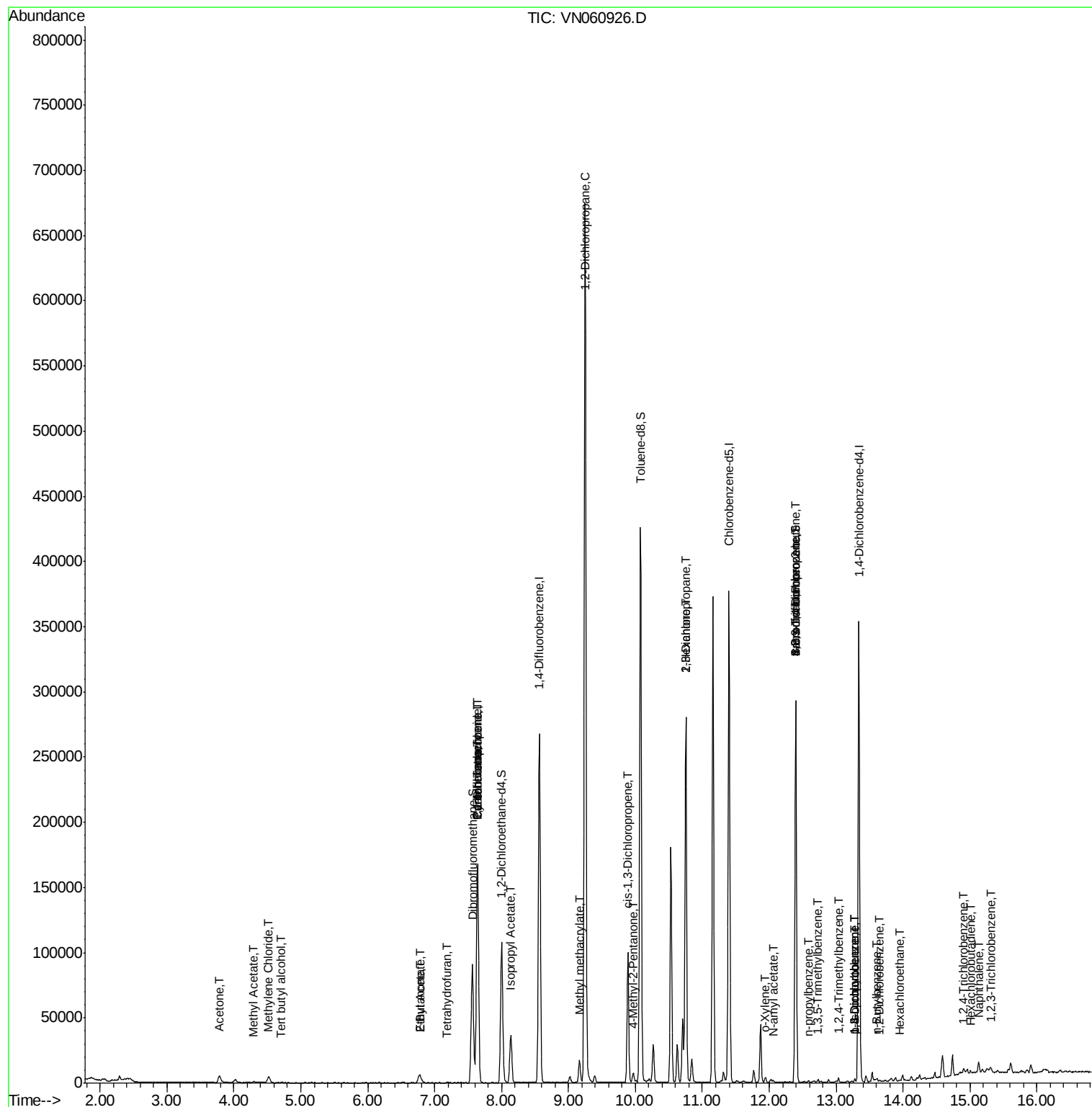
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	7730	1.497	ug/l	96
96) 1,2,3-Trichlorobenzene	15.31	180	1679	0.993	ug/l	90

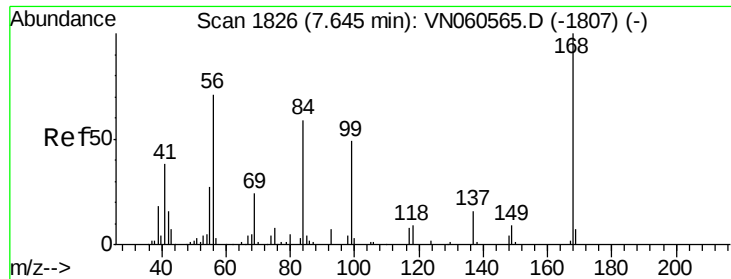
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

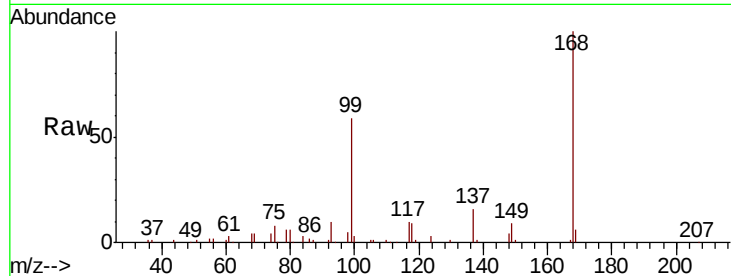
JC-02-04082020-B

Tot Ion:168 Resp: 138194

Ion Ratio Lower Upper

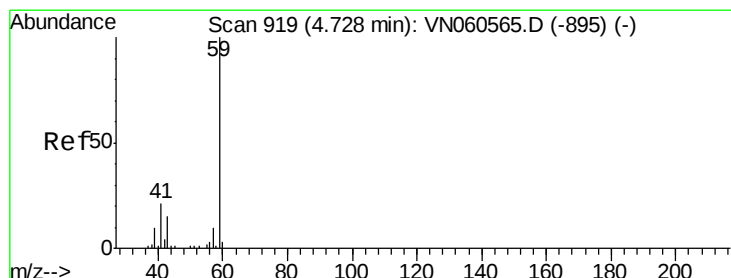
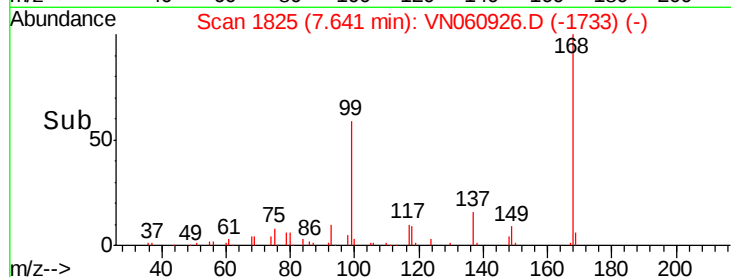
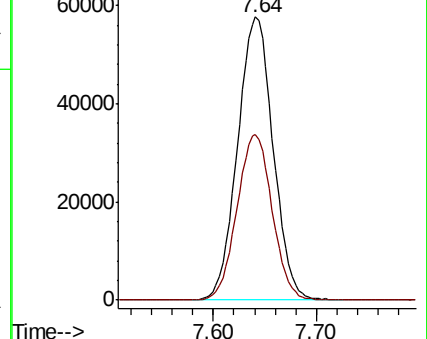
168 100

99 58.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#11

Tert butyl alcohol

Concen: 1.290 ug/l

RT: 4.72 min Scan# 916

Delta R.T. -0.01 min

Lab File: VN060926.D

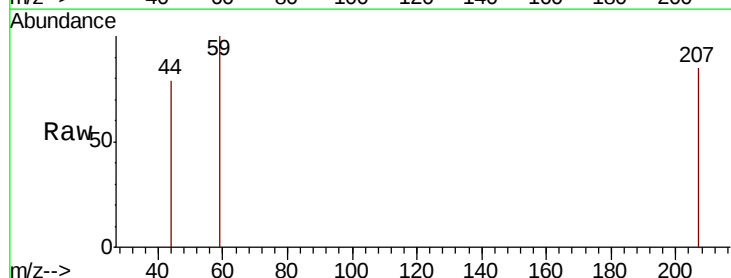
Acq: 14 Apr 2020 12:29

Tgt Ion: 59 Resp: 360

Ion Ratio Lower Upper

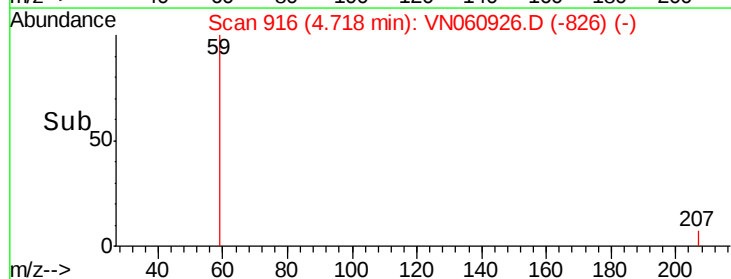
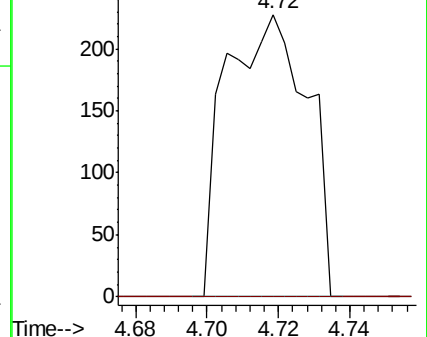
59 100

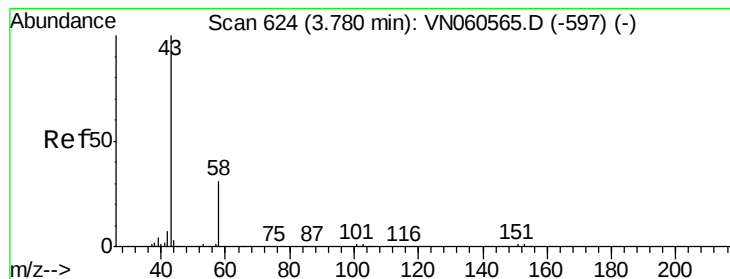
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN





#16

Acetone

Concen: 15.128 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

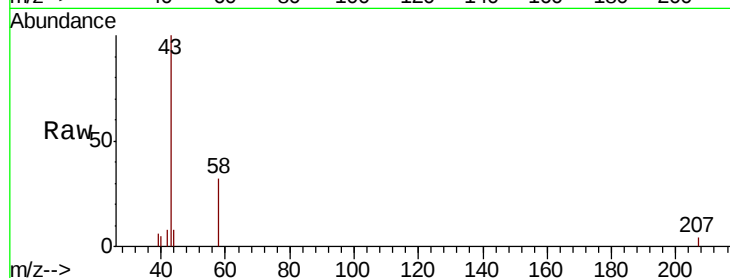
JC-02-04082020-B

Tot Ion: 43 Resp: 10166

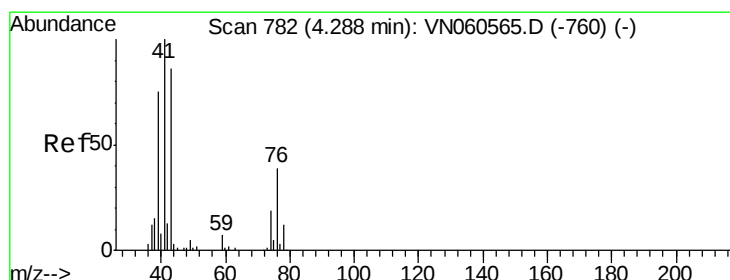
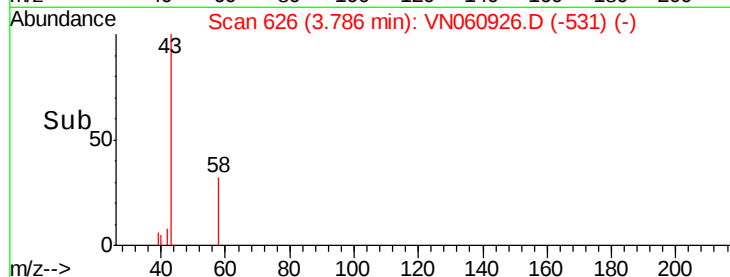
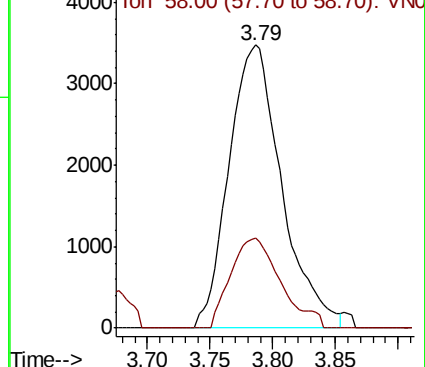
Ion Ratio Lower Upper

43 100

58 31.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060926.D (-626) (-)



#18

Methyl Acetate

Concen: 0.852 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060926.D

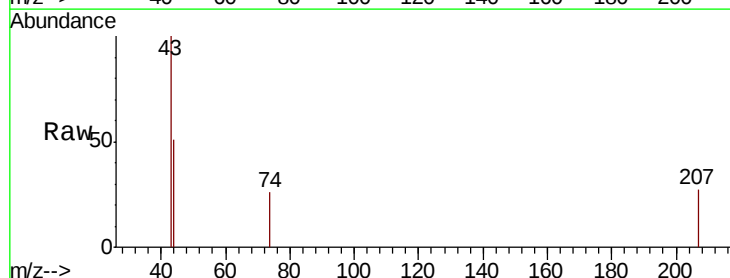
Acq: 14 Apr 2020 12:29

Tgt Ion: 43 Resp: 1611

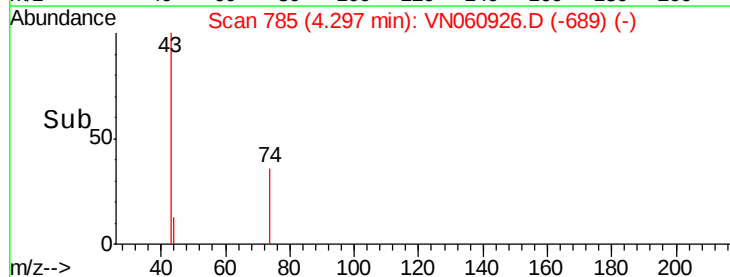
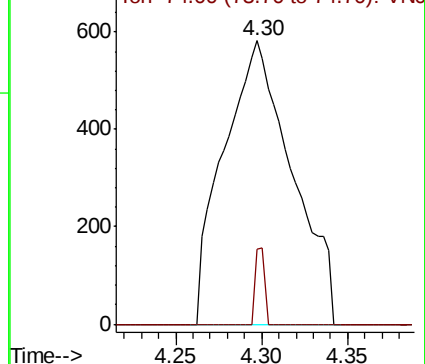
Ion Ratio Lower Upper

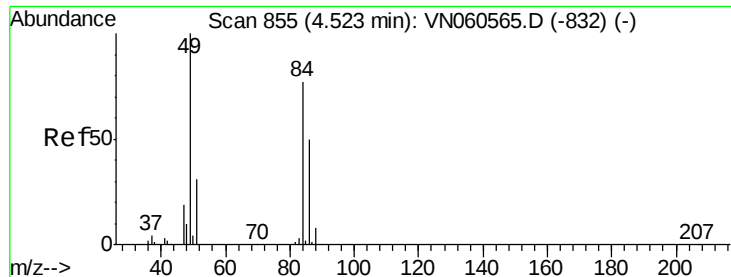
43 100

74 3.7 17.5 26.3#



Abundance Ion 43.00 (42.70 to 43.70): VN060926.D (-785) (-)

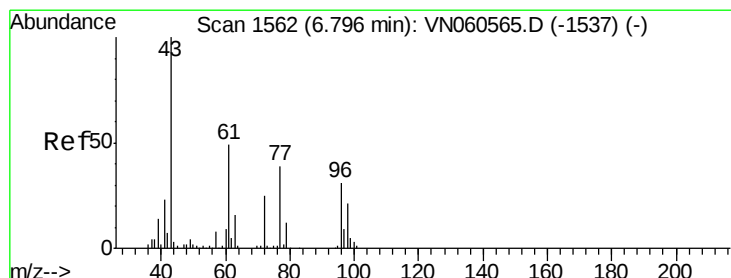
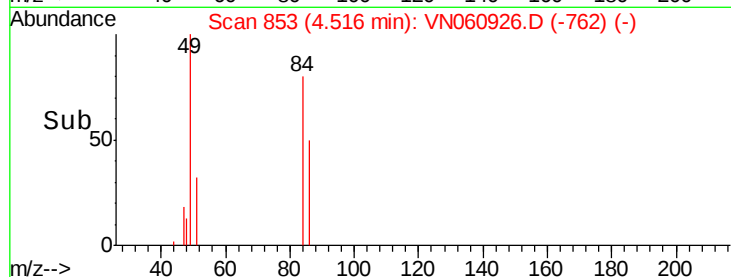
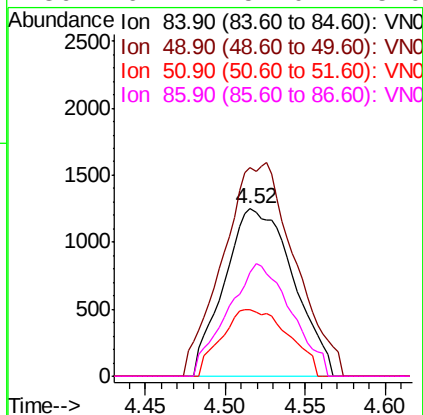
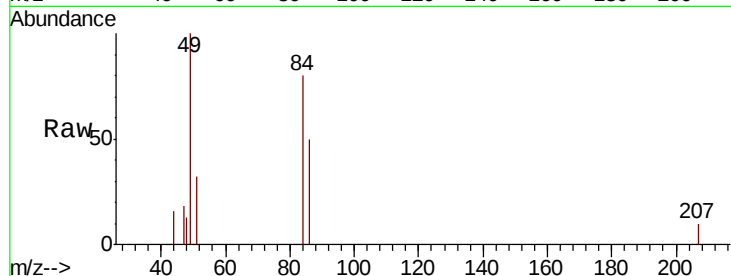




#20
Methvlene Chloride
Concen: 2.243 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

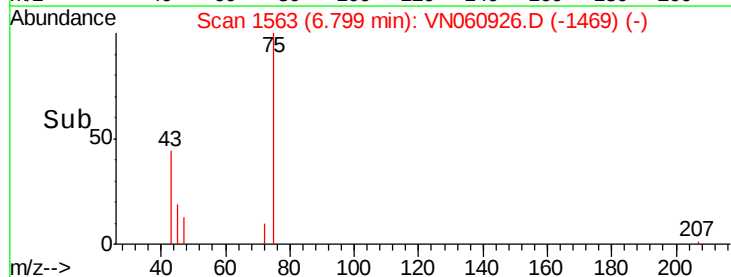
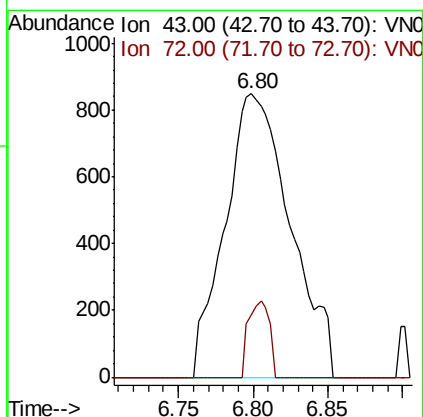
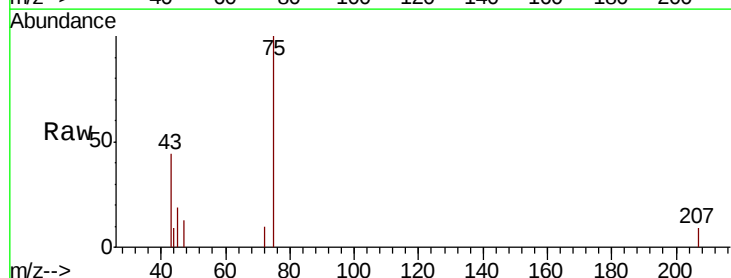
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-B

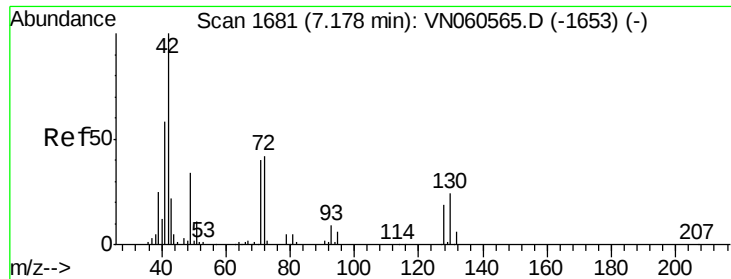
Tot Ion:	84	Resp:	3708
Ion	Ratio	Lower	Upper
84	100		
49	110.3	103.3	154.9
51	39.7	31.6	47.4
86	62.2	52.0	78.0



#25
2-Butanone
Concen: 2.373 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Tgt Ion:	43	Resp:	2580
Ion	Ratio	Lower	Upper
43	100		
72	21.8	20.4	30.6





#29

Tetrahydrofuran

Concen: 0.508 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

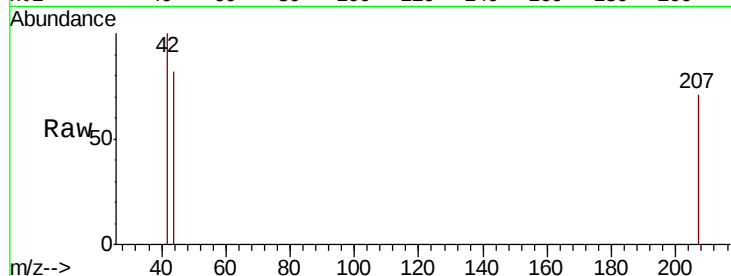
Tot Ion: 42 Resp: 391

Ion Ratio Lower Upper

42 100

72 0.0 33.2 49.8#

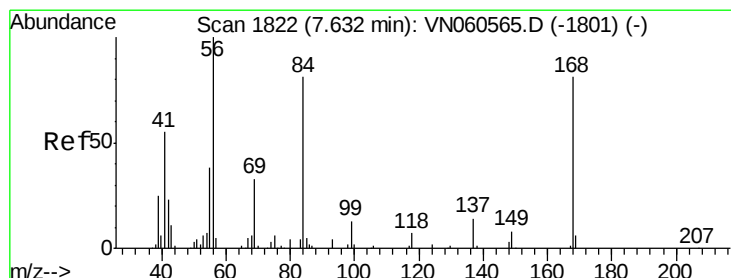
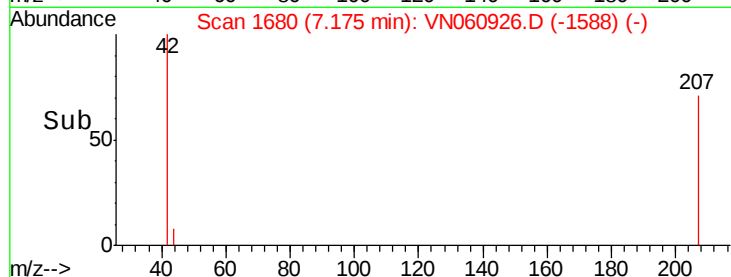
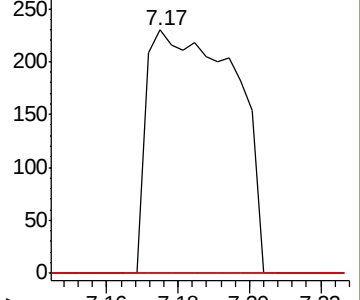
71 0.0 31.1 46.7#



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



#31

Cyclohexane

Concen: 0.951 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

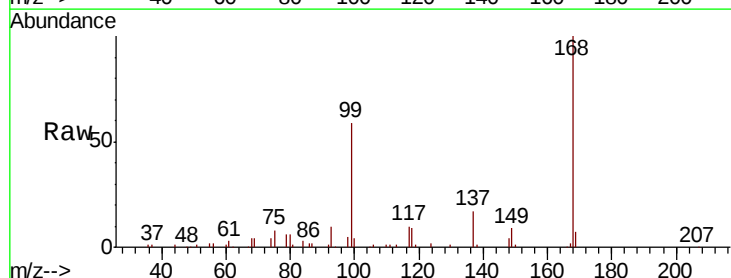
Tgt Ion: 56 Resp: 2905

Ion Ratio Lower Upper

56 100

69 167.5 26.6 40.0#

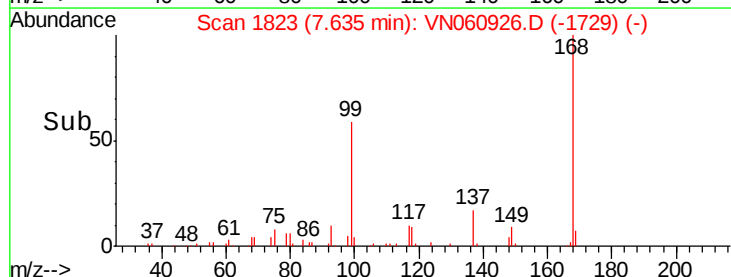
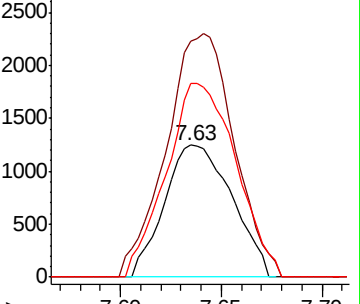
84 147.1 64.3 96.5#

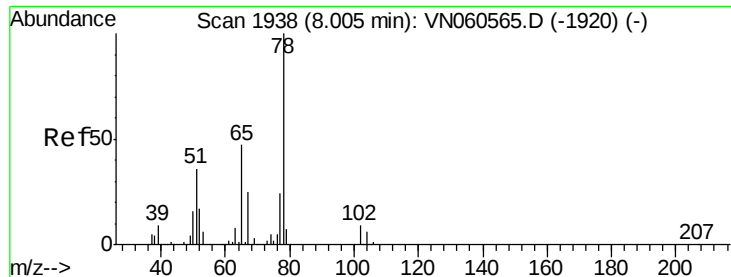


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

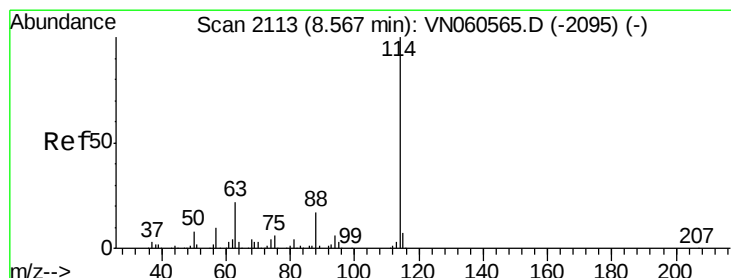
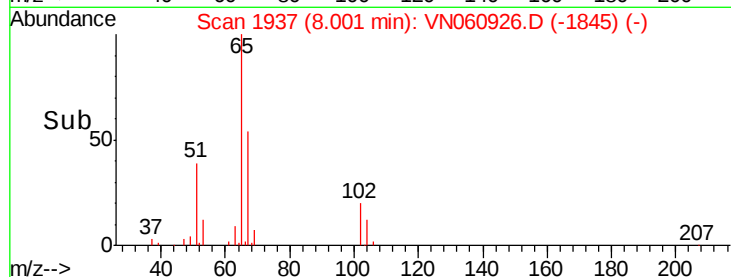
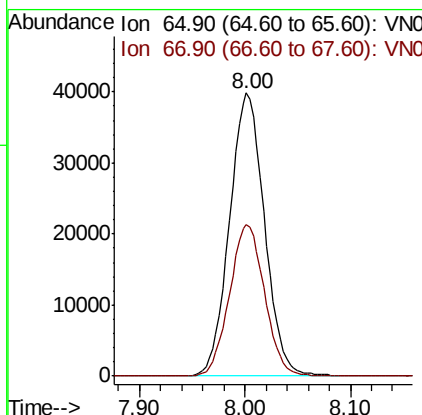
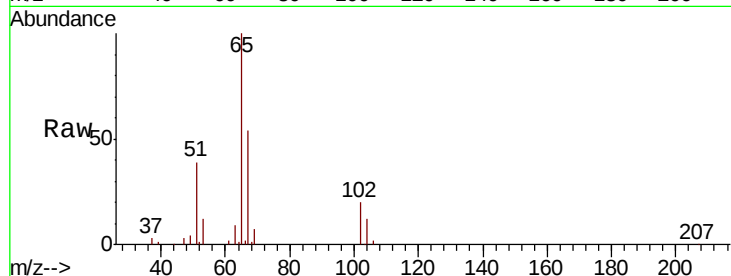




#33
 1,2-Dichloroethane-d4
 Concen: 48.249 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

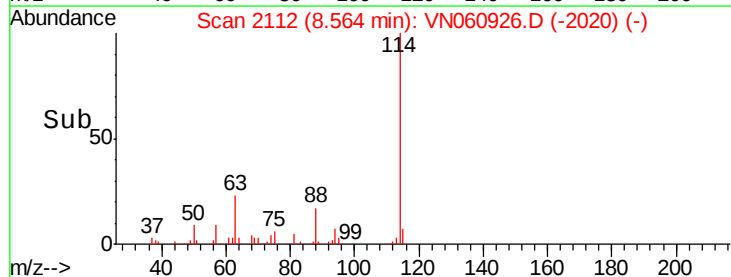
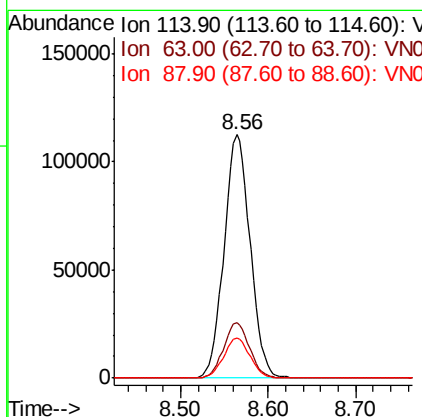
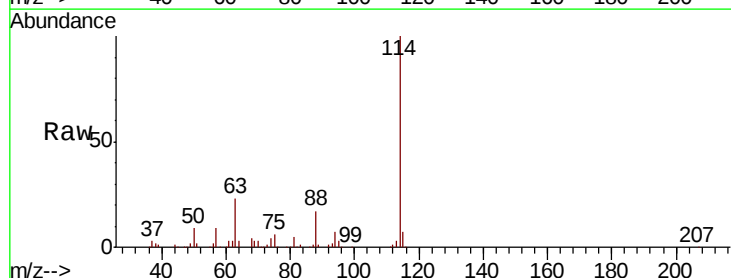
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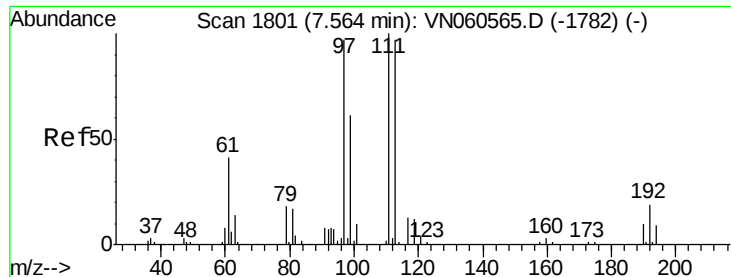
Tot Ion: 65 Resp: 91532
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Tgt Ion: 114 Resp: 233048
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.197 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

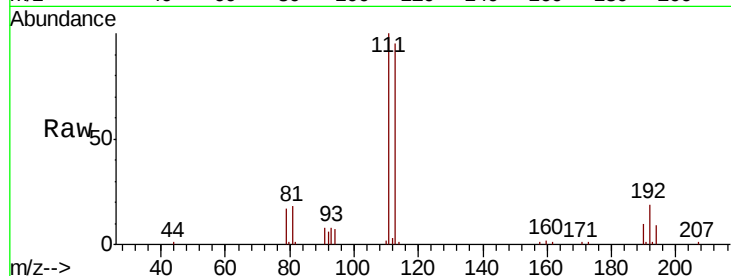
Tot Ion:113 Resp: 69327

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

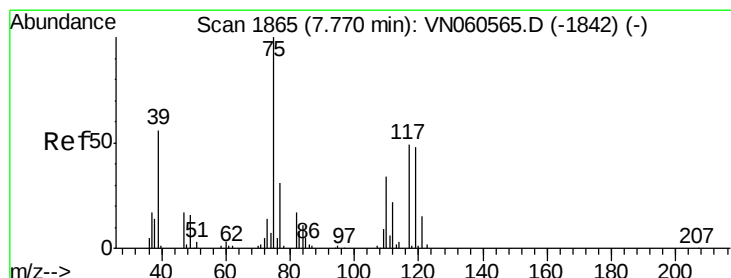
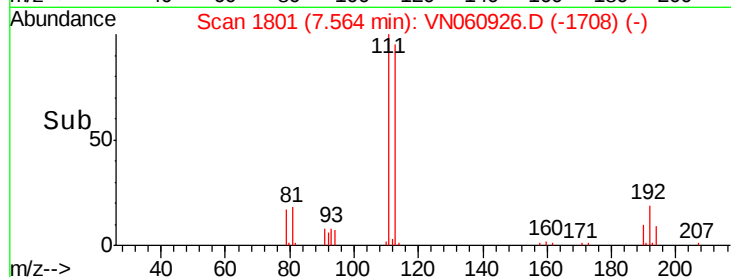
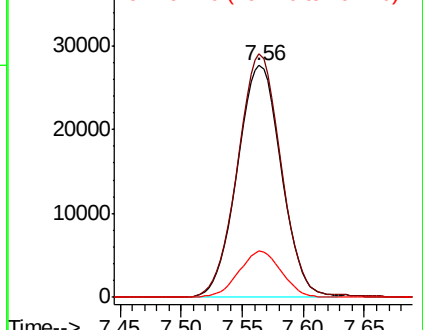
192 19.1 15.8 23.8



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: 4.953 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

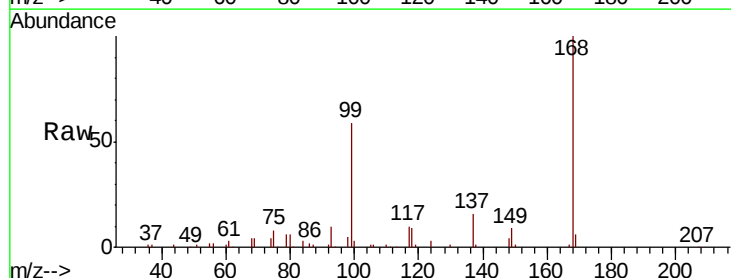
Tgt Ion: 75 Resp: 11178

Ion Ratio Lower Upper

75 100

110 4.4 16.9 50.6#

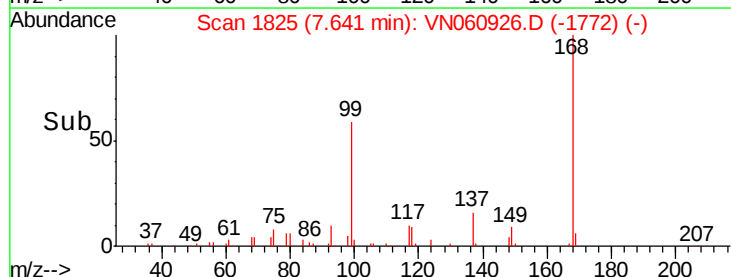
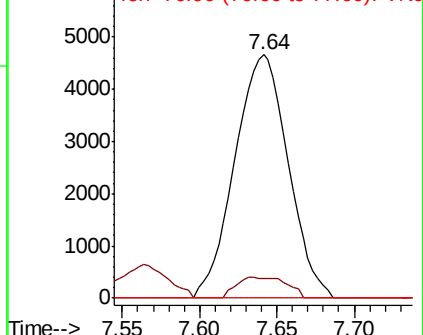
77 0.0 24.6 36.8#

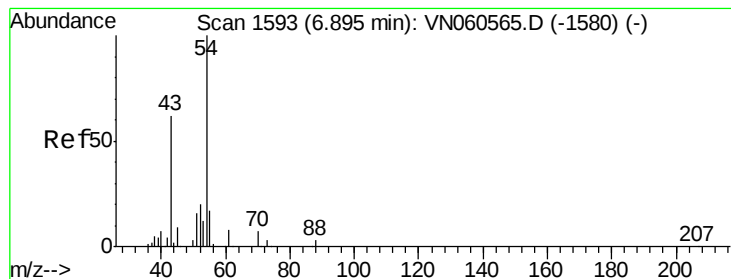


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 1.058 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

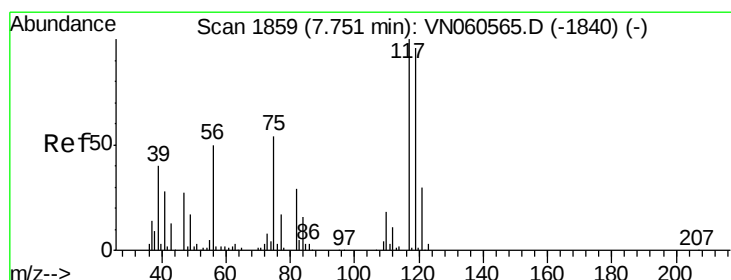
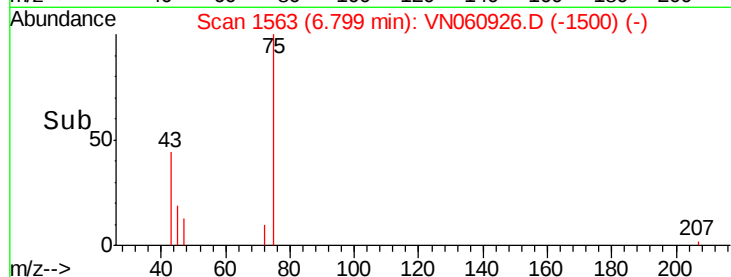
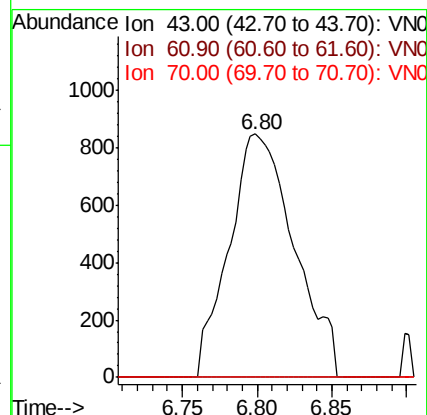
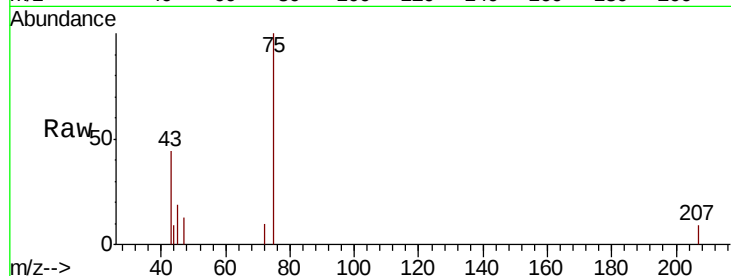
Tot Ion: 43 Resp: 2580

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 7.9 11.9#



#38

Carbon Tetrachloride

Concen: 6.637 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

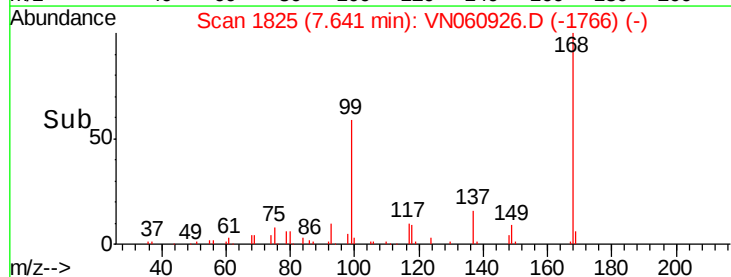
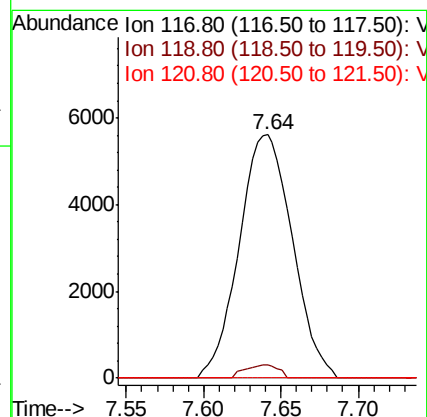
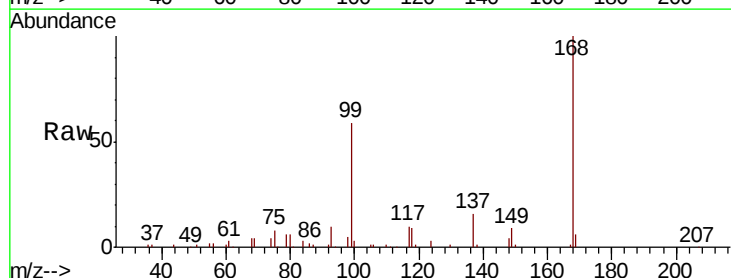
Tgt Ion: 117 Resp: 13424

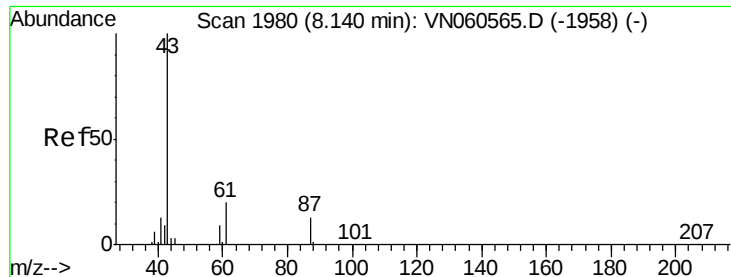
Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

121 0.0 23.7 35.5#





#43

Isopropyl Acetate

Concen: 11.087 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

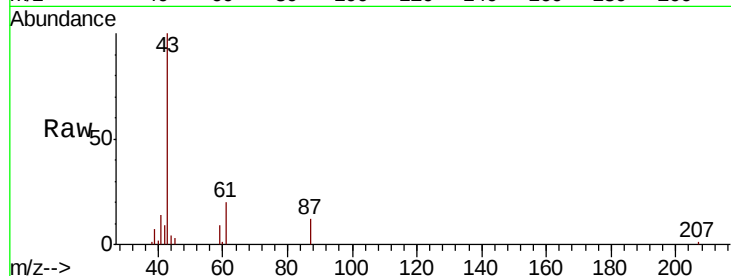
Tot Ion: 43 Resp: 44583

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

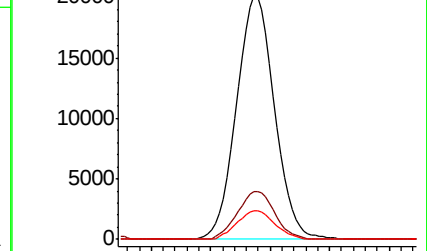
87 11.6 9.8 14.8



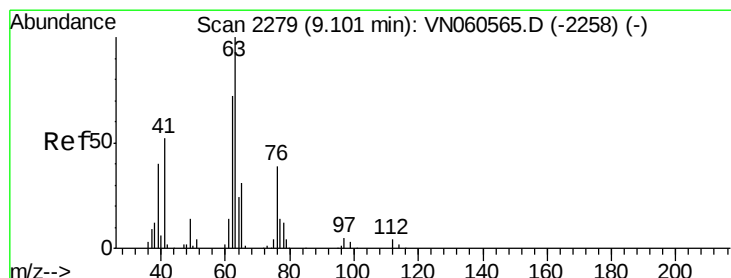
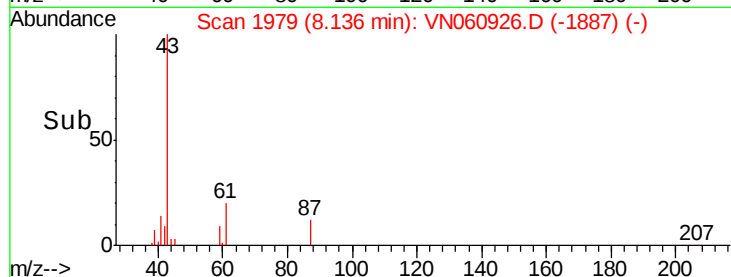
Abundance Ion 43.00 (42.70 to 43.70): VN060926.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060926.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060926.D (-1979) (-)



Time-->



#45

1,2-Dichloropropane

Concen: 0.339 ug/l

RT: 9.25 min Scan# 2324

Delta R.T. 0.14 min

Lab File: VN060926.D

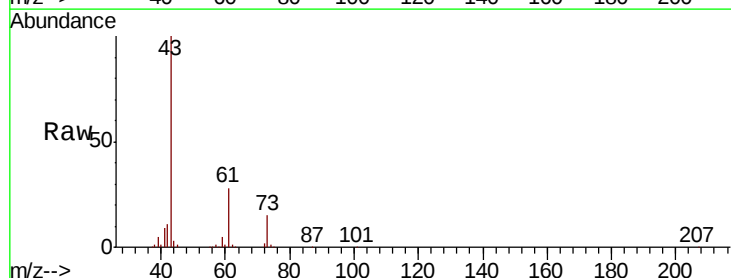
Acq: 14 Apr 2020 12:29

Tgt Ion: 63 Resp: 610

Ion Ratio Lower Upper

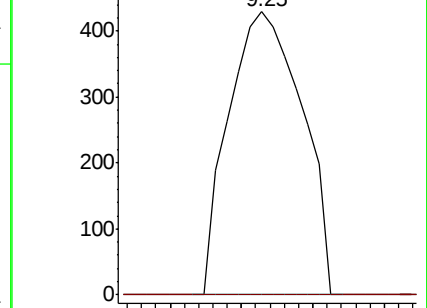
63 100

65 0.0 25.4 38.0#

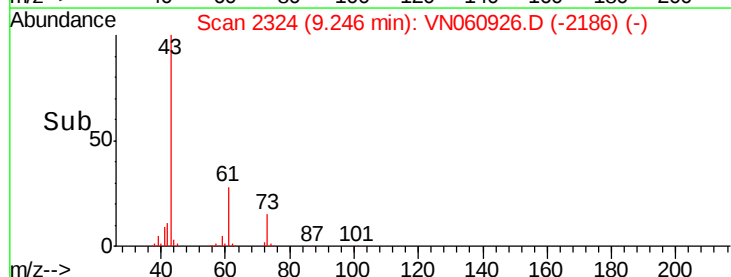


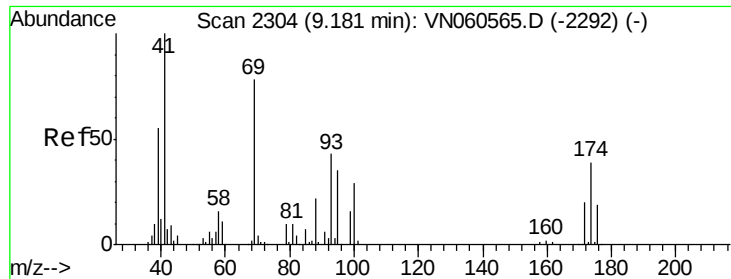
Abundance Ion 62.90 (62.60 to 63.60): VN060926.D (-2324) (-)

Ion 64.90 (64.60 to 65.60): VN060926.D (-2324) (-)



Time-->

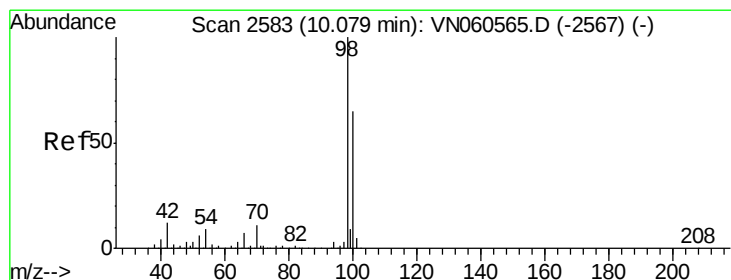
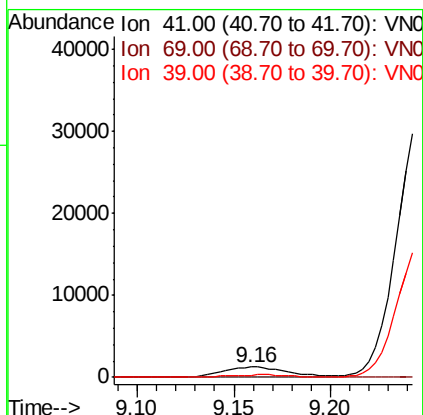
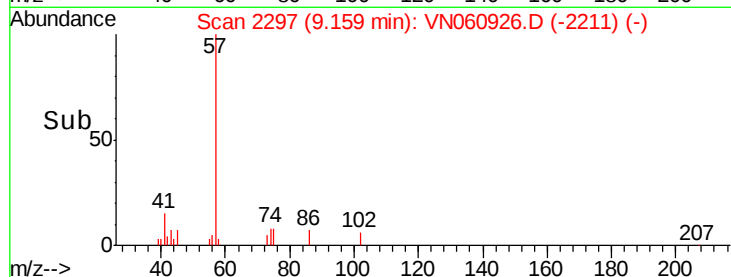
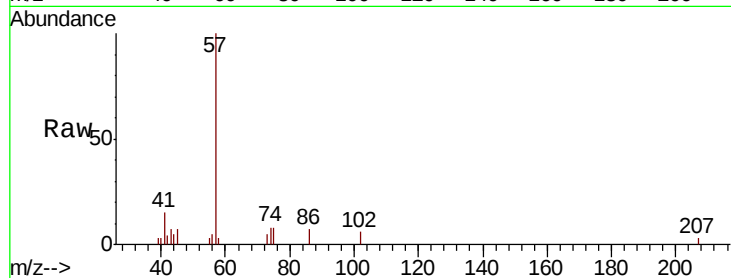




#48
Methvl methacrylate
Concen: 1.628 ug/l
RT: 9.16 min Scan# 2297
Delta R.T. -0.02 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

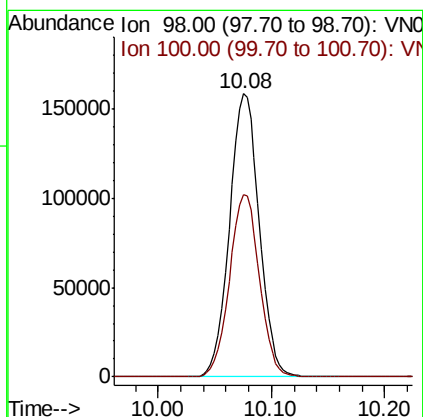
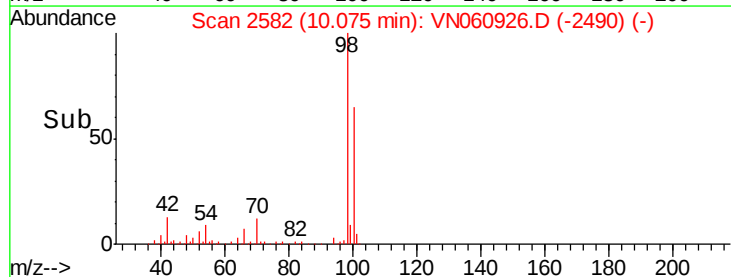
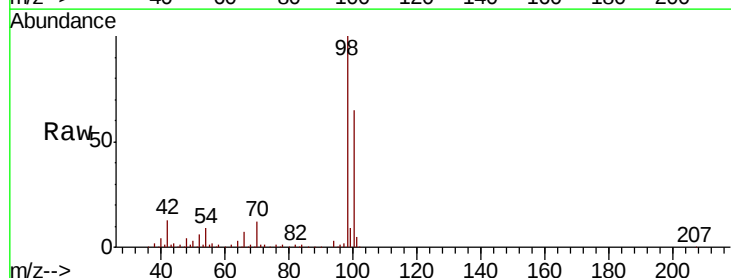
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-B

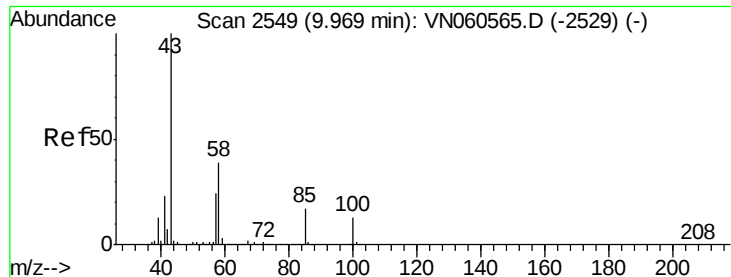
Tot Ion: 41 Resp: 2915
Ion Ratio Lower Upper
41 100
69 0.0 65.4 98.0#
39 0.0 44.0 66.0#



#50
Toluene-d8
Concen: 50.362 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Tgt Ion: 98 Resp: 289879
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

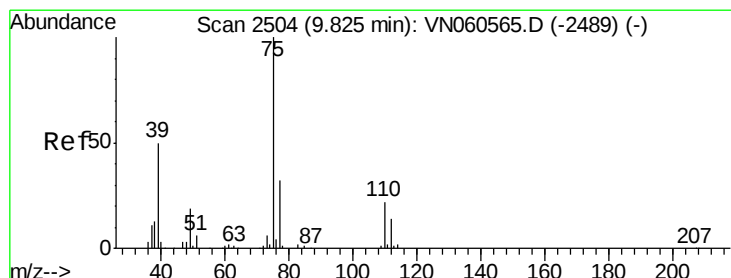
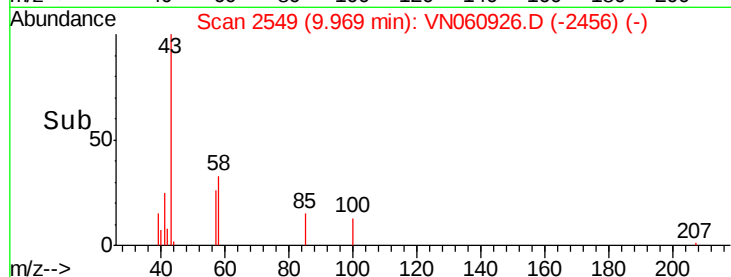
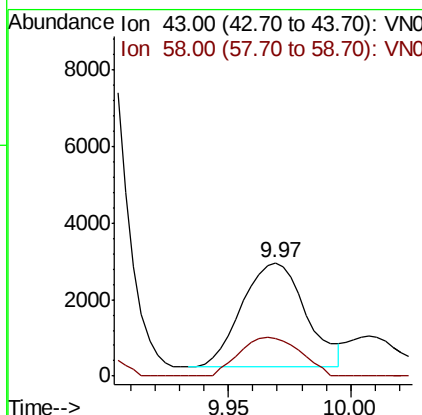
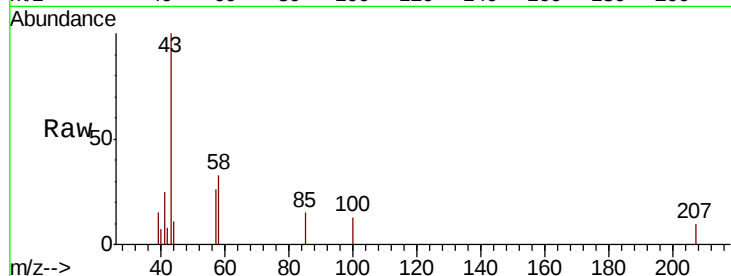




#51
 4-Methyl-2-Pentanone
 Concen: 2.132 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

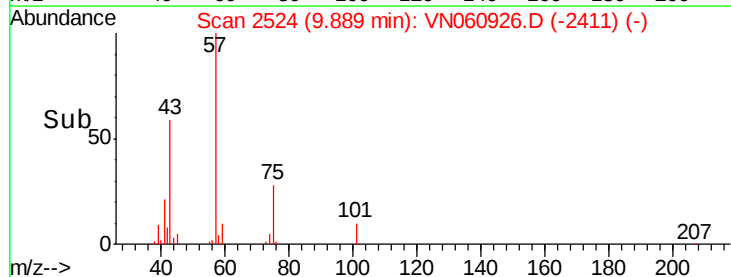
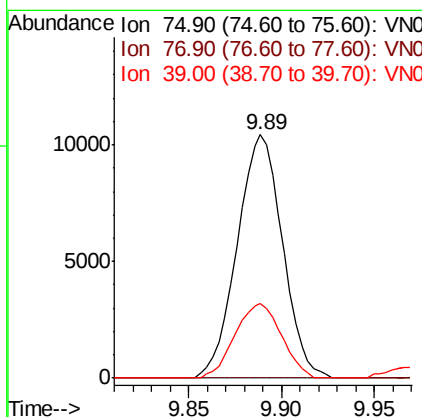
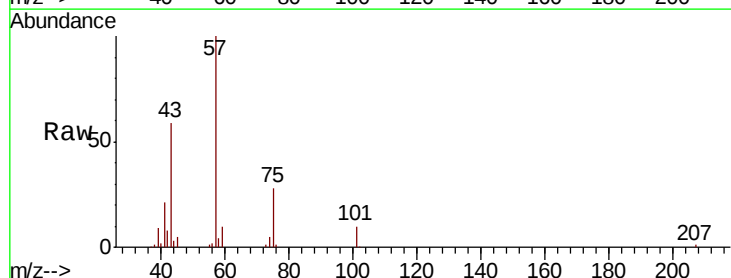
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

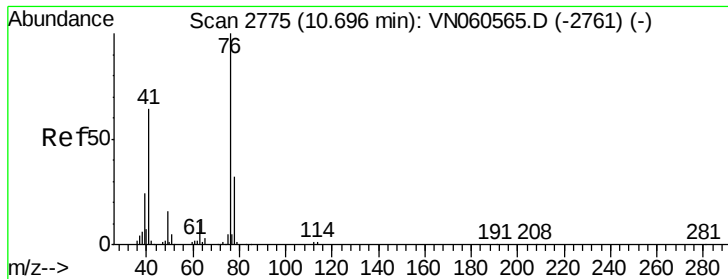
Tot Ion: 43 Resp: 4879
 Ion Ratio Lower Upper
 43 100
 58 35.9 30.8 46.2



#54
 cis-1,3-Dichloropropene
 Concen: 6.229 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Tgt Ion: 75 Resp: 17726
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.4 38.0#
 39 30.5 40.2 60.4#





#57

1,3-Dichloropropane

Concen: 0.972 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

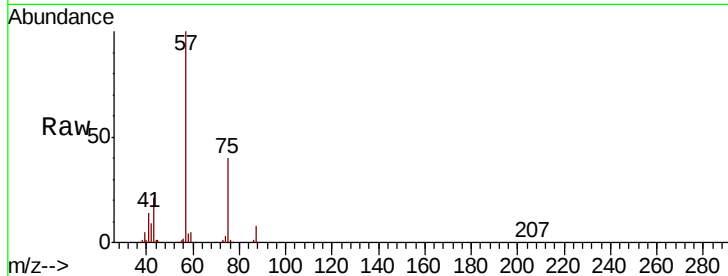
JC-02-04082020-B

Tot Ion: 76 Resp: 2671

Ion Ratio Lower Upper

76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

2000

1500

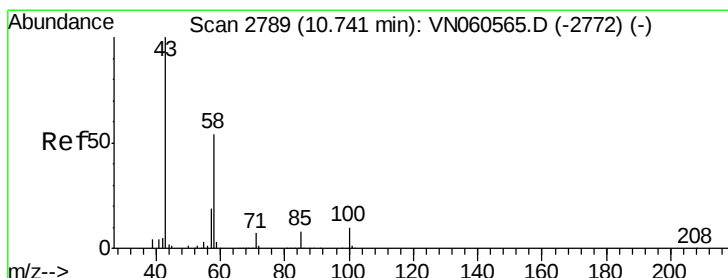
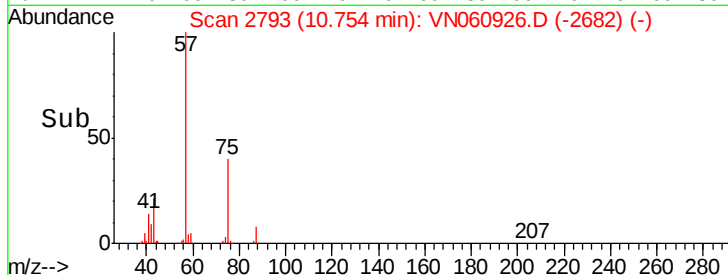
1000

500

0

10.70 10.75

Time-->



#59

2-Hexanone

Concen: 25.893 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060926.D

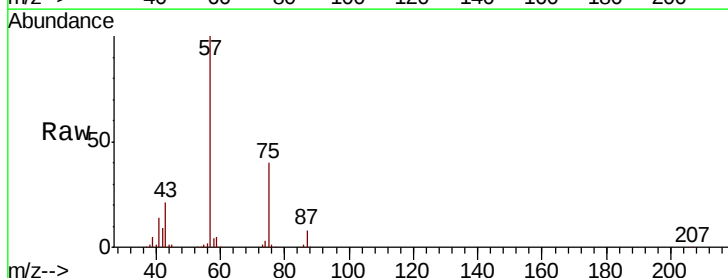
Acq: 14 Apr 2020 12:29

Tgt Ion: 43 Resp: 42681

Ion Ratio Lower Upper

43 100

58 21.0 26.7 80.1#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

30000

25000

20000

15000

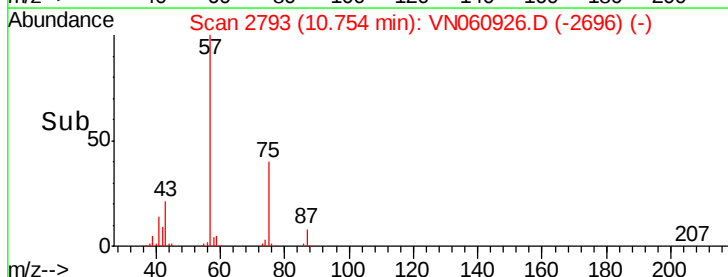
10000

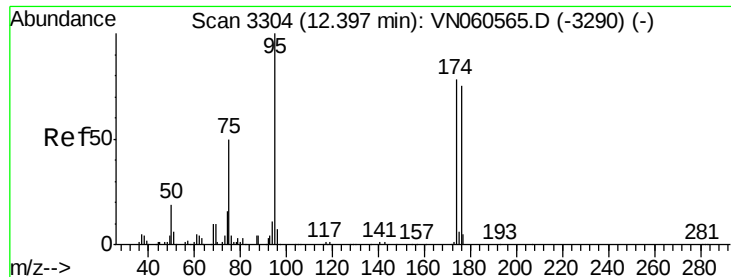
5000

0

10.70 10.75 10.80

Time-->





#62

4-Bromofluorobenzene

Concen: 49.065 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

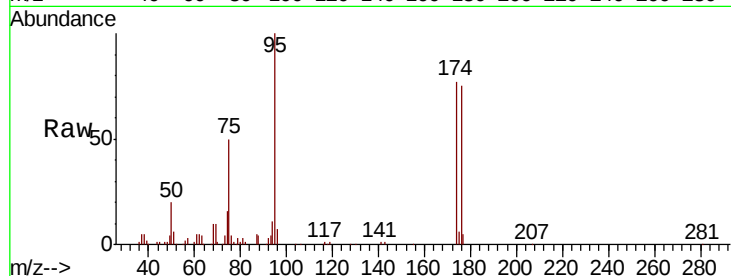
Tot Ion: 95 Resp: 103501

Ion Ratio Lower Upper

95 100

174 76.6 0.0 157.6

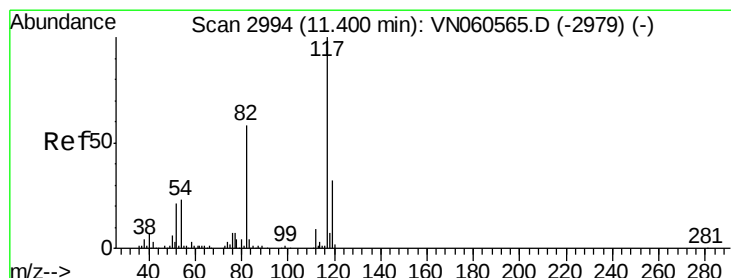
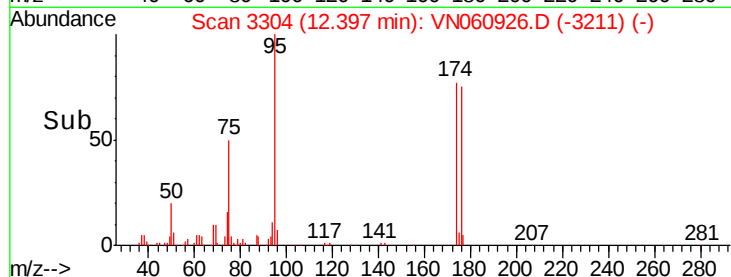
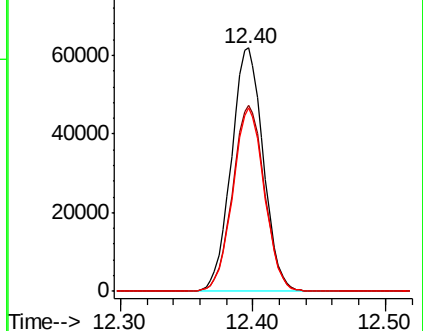
176 74.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060926.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060926.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060926.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

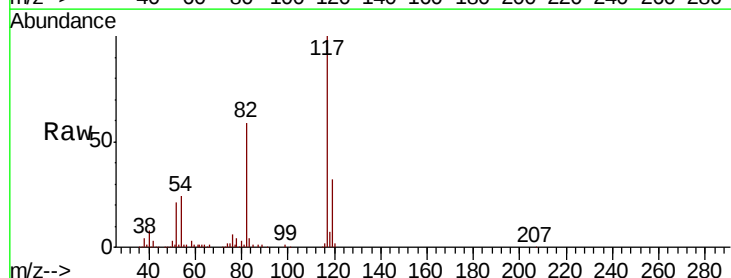
Tgt Ion: 117 Resp: 212872

Ion Ratio Lower Upper

117 100

82 58.6 46.7 70.1

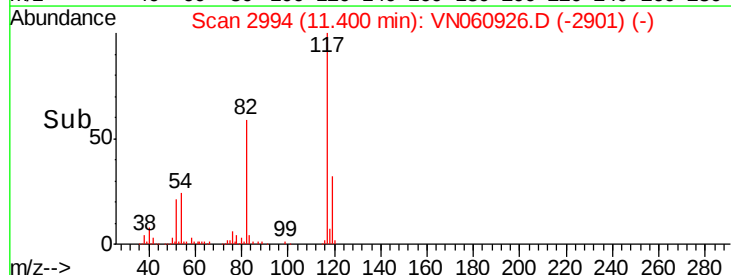
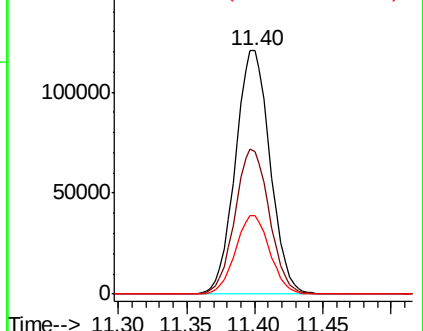
119 32.2 25.5 38.3

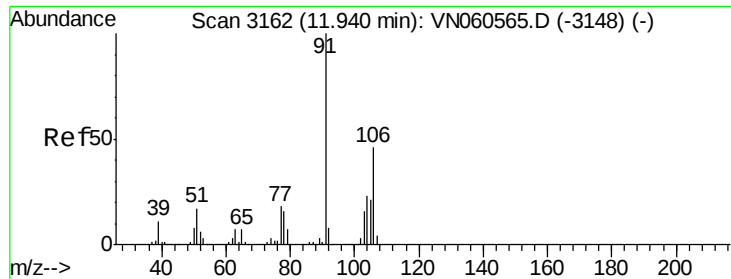


Abundance Ion 116.90 (116.60 to 117.60): VN060926.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060926.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060926.D (-2979) (-)

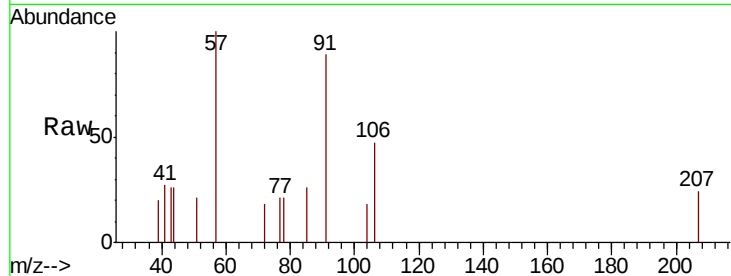




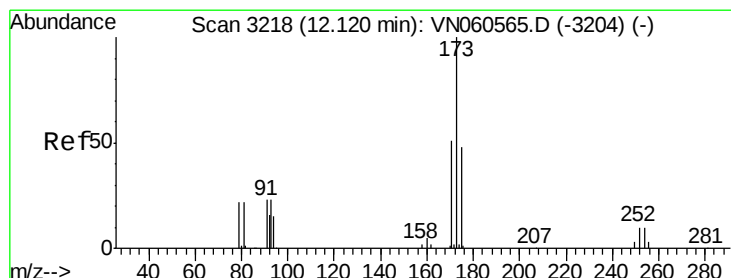
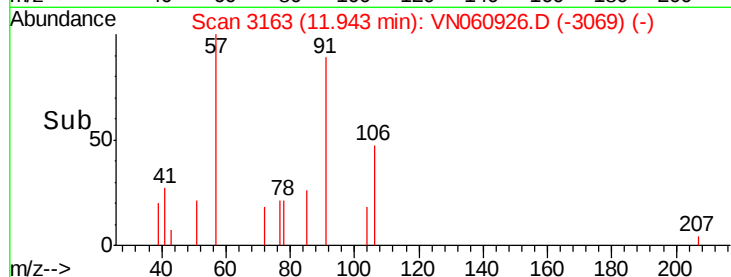
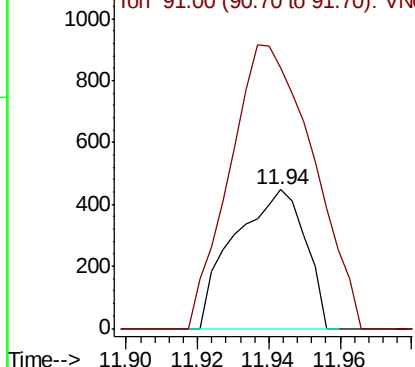
#69
o-Xylene
Concen: 0.221 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-B

Tot Ion:106 Resp: 614
Ion Ratio Lower Upper
106 100
91 239.7 109.5 328.4

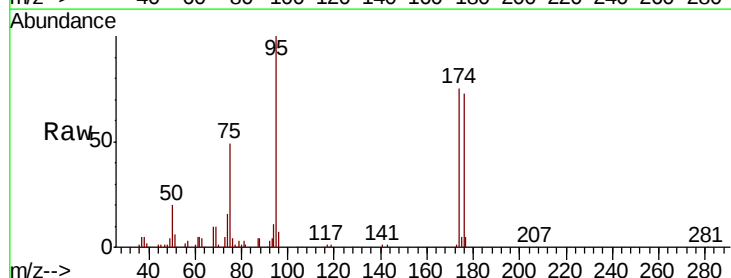


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

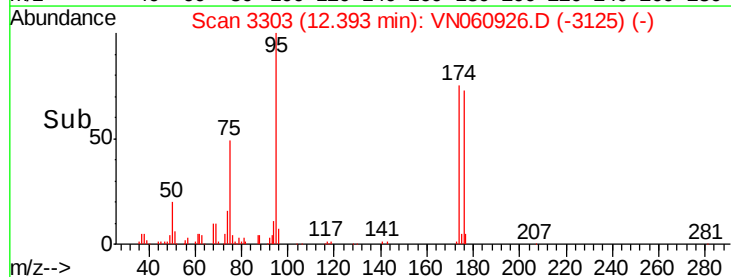
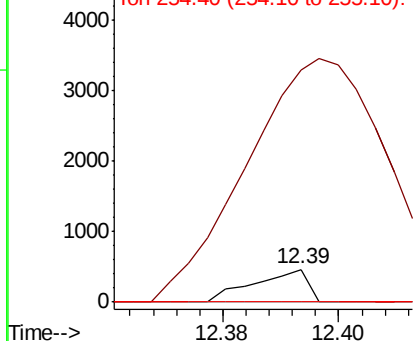


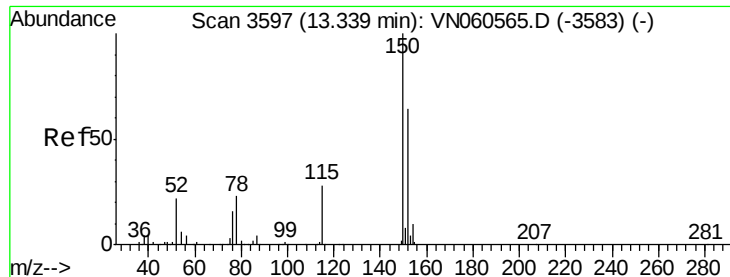
#71
Bromoform
Concen: 1.906 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.27 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Tgt Ion:173 Resp: 297
Ion Ratio Lower Upper
173 100
175 1692.6 24.1 72.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

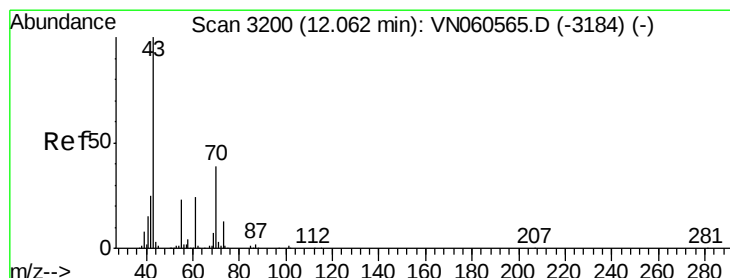
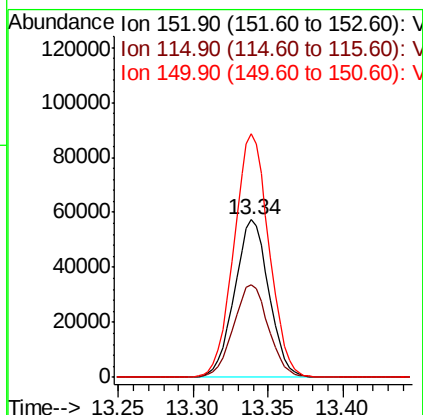
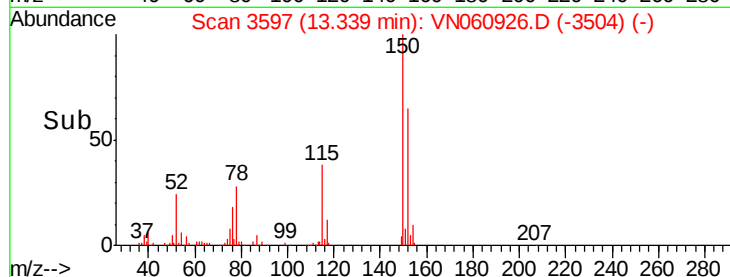
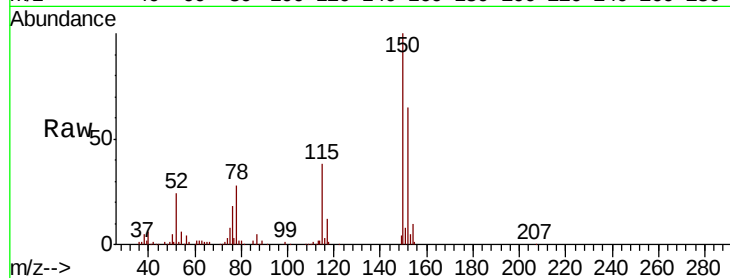
Tot Ion:152 Resp: 91690

Ion Ratio Lower Upper

152 100

115 60.2 30.2 90.6

150 157.0 0.0 350.2



#74

N-ethyl acetate

Concen: 0.213 ug/l

RT: 12.06 min Scan# 3199

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Tgt Ion: 43 Resp: 676

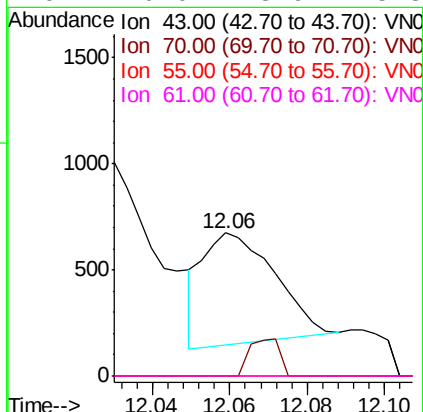
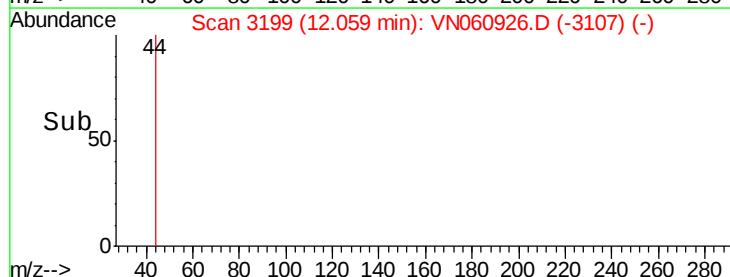
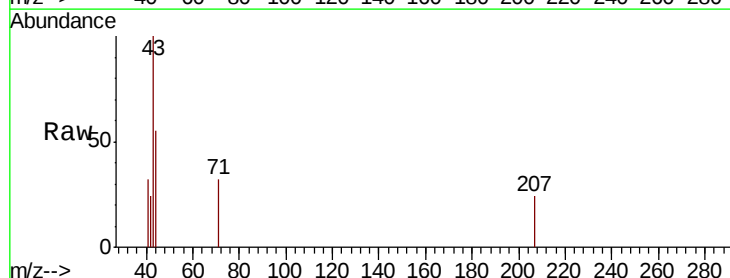
Ion Ratio Lower Upper

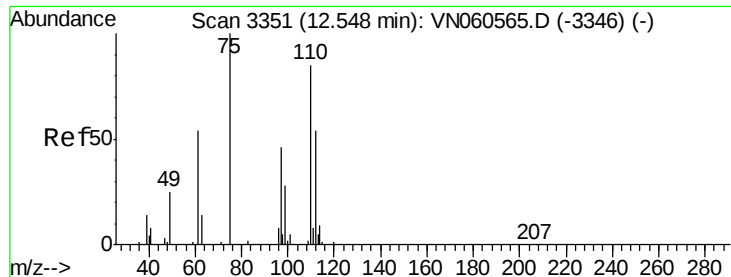
43 100

70 14.3 31.1 46.7#

55 0.0 18.6 27.8#

61 0.0 18.9 28.3#





#76

1,2,3-Trichloropropane

Concen: 26.116 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

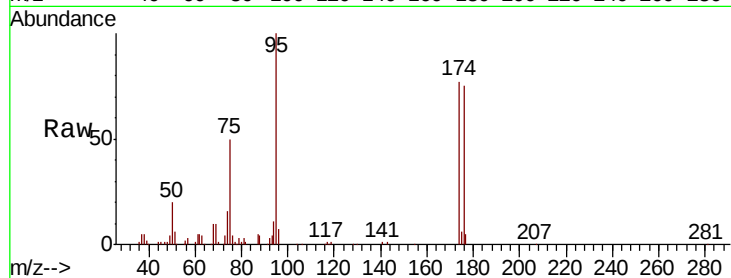
JC-02-04082020-B

Tot Ion: 75 Resp: 51670

Ion Ratio Lower Upper

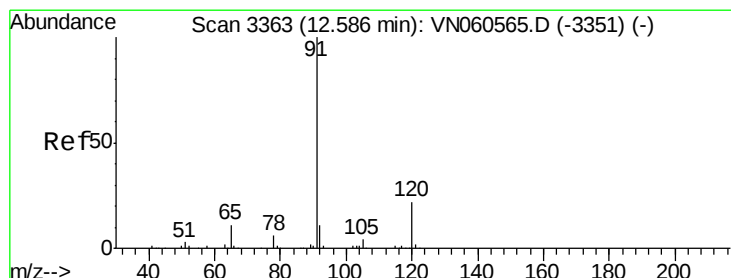
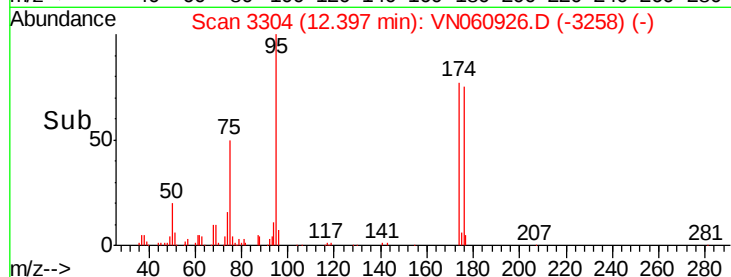
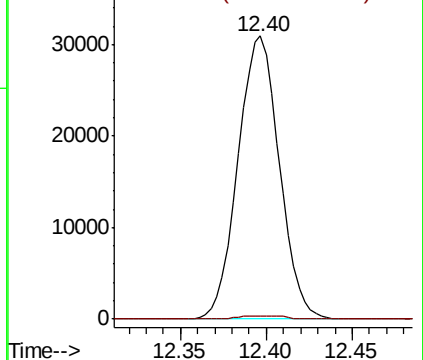
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.201 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060926.D

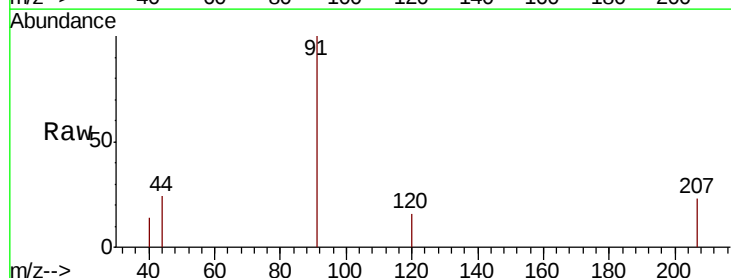
Acq: 14 Apr 2020 12:29

Tgt Ion: 91 Resp: 1630

Ion Ratio Lower Upper

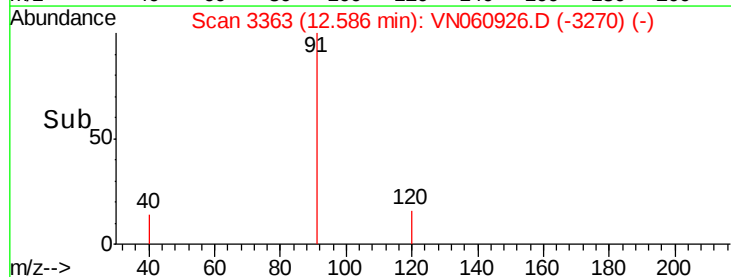
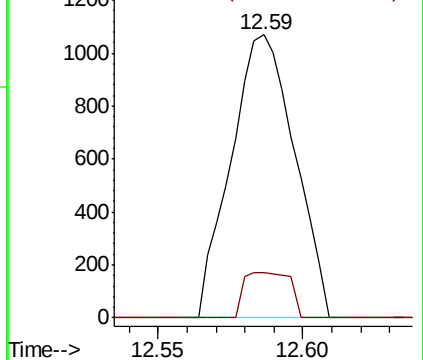
91 100

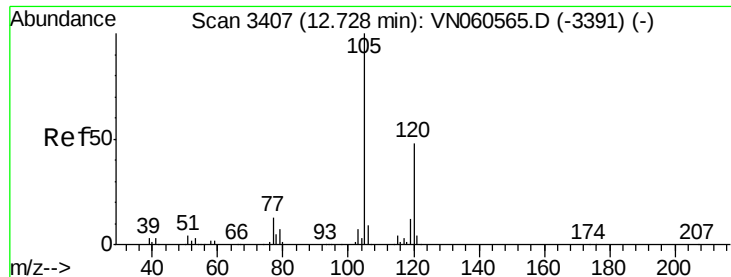
120 11.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.310 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

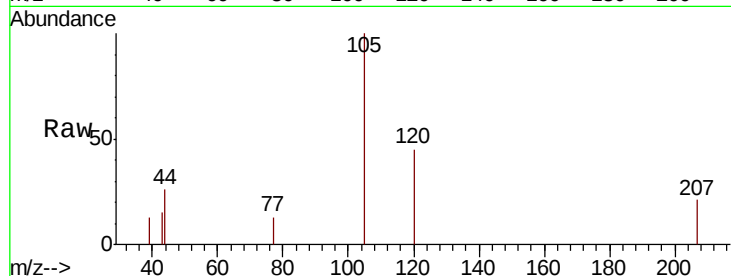
JC-02-04082020-B

Tot Ion:105 Resp: 1813

Ion Ratio Lower Upper

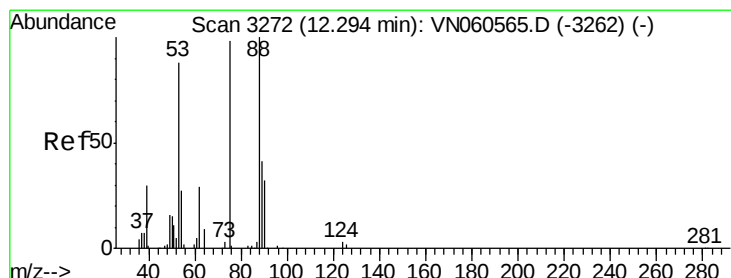
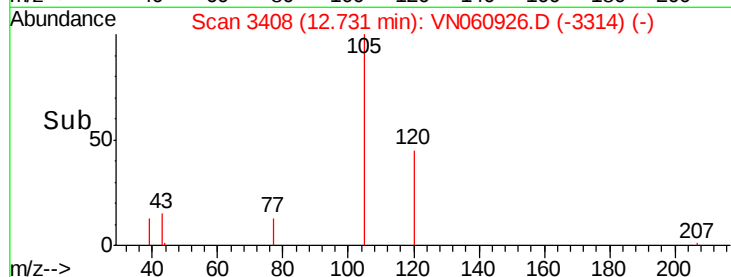
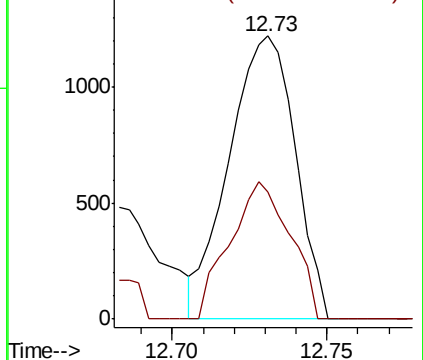
105 100

120 44.5 23.9 71.7



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: 67.074 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

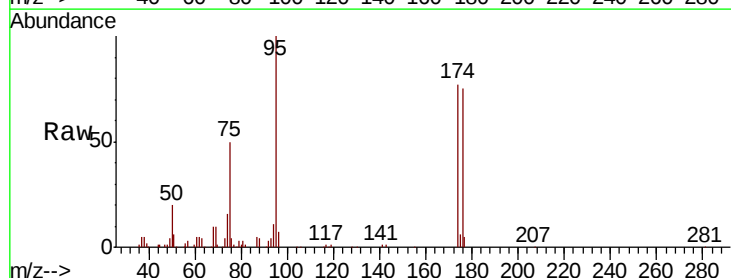
Tgt Ion: 75 Resp: 51670

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

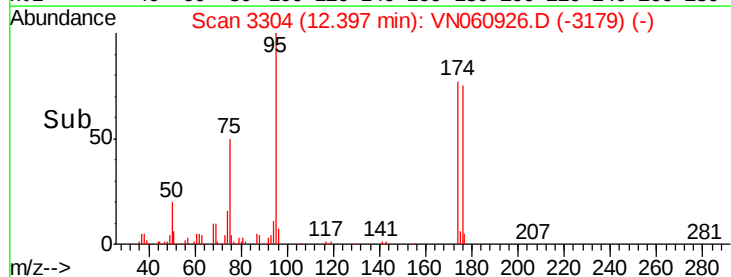
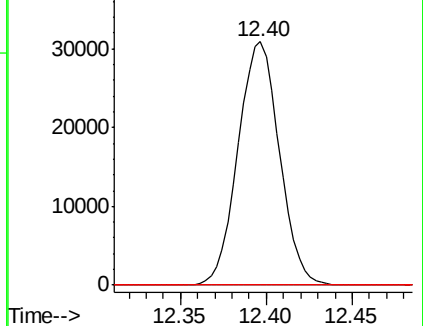
89 0.0 34.8 52.2#

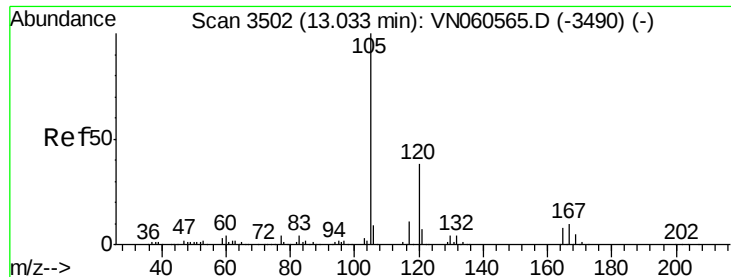


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

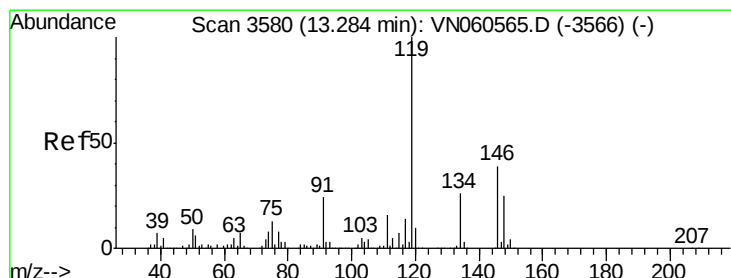
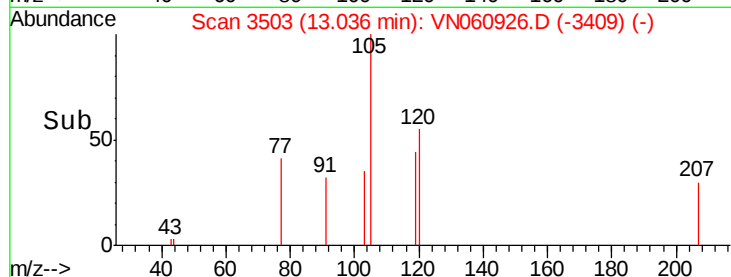
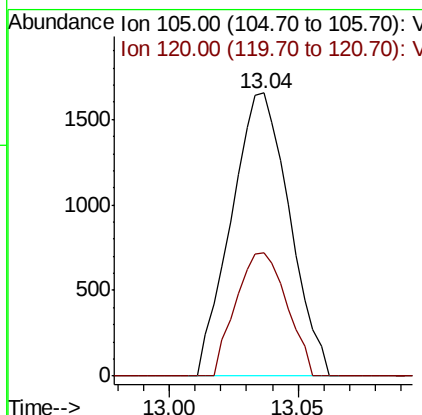
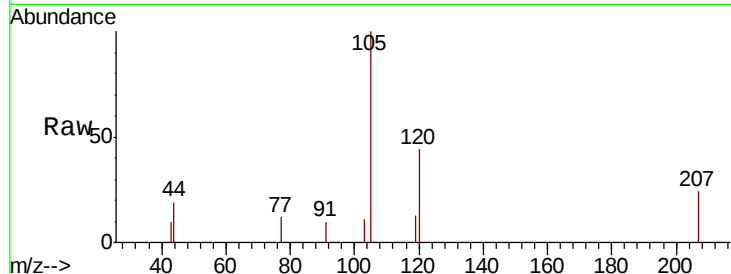




#84
 1,2,4-Trimethylbenzene
 Concen: 0.450 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

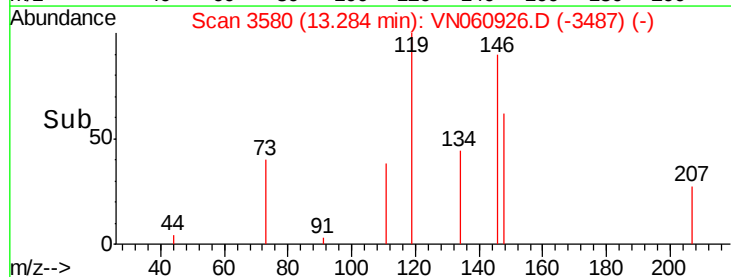
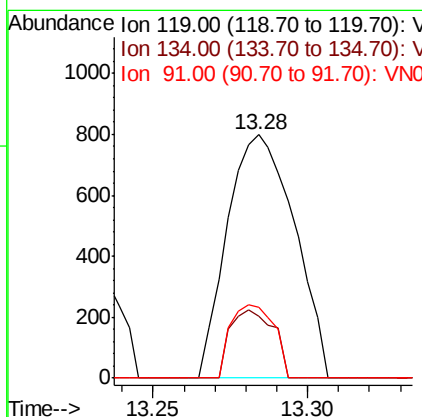
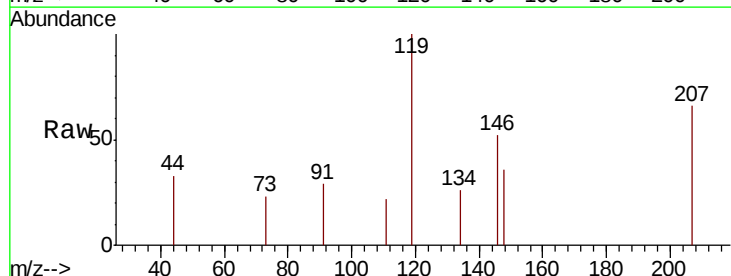
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

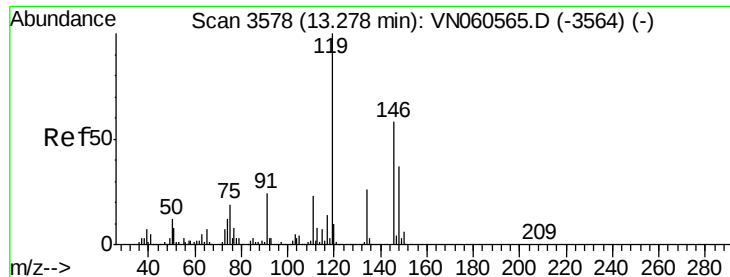
Tot Ion:105 Resp: 2597
 Ion Ratio Lower Upper
 105 100
 120 38.1 22.1 66.5



#86
 p-Isopropyltoluene
 Concen: 0.206 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Tgt Ion:119 Resp: 1207
 Ion Ratio Lower Upper
 119 100
 134 18.1 13.0 39.0
 91 19.5 12.0 36.0

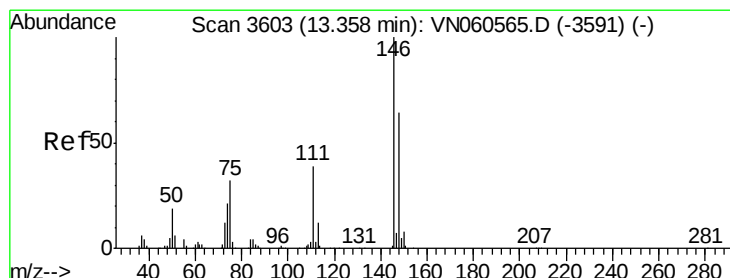
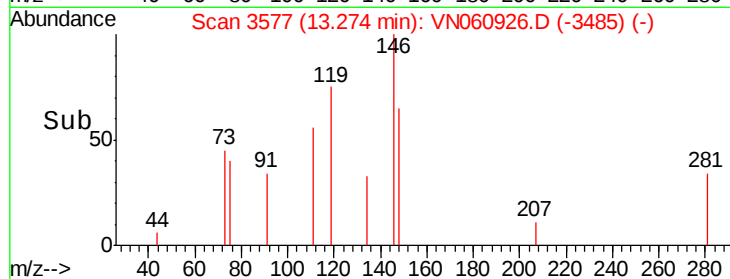
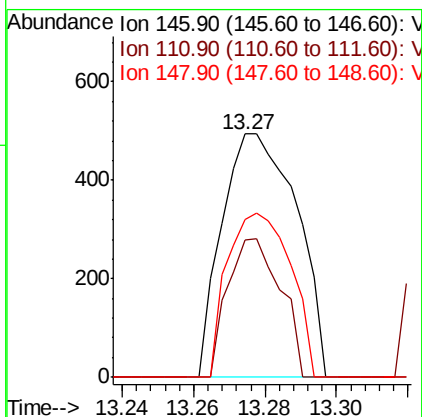
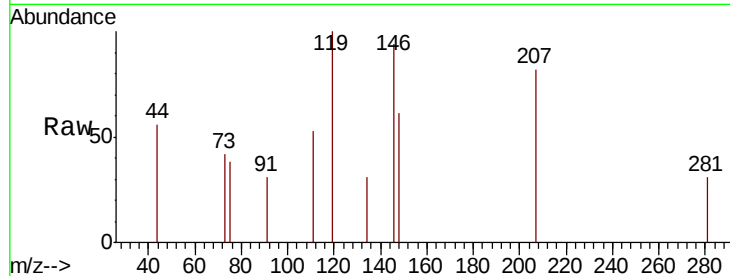




#87
 1,3-Dichlorobenzene
 Concen: 0.244 ug/l
 RT: 13.27 min Scan# 3577
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

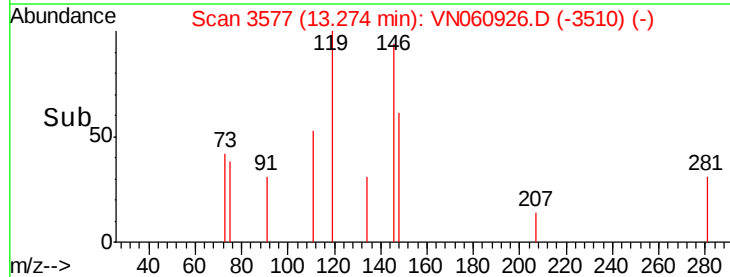
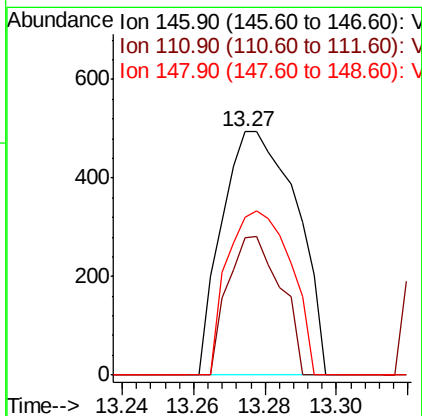
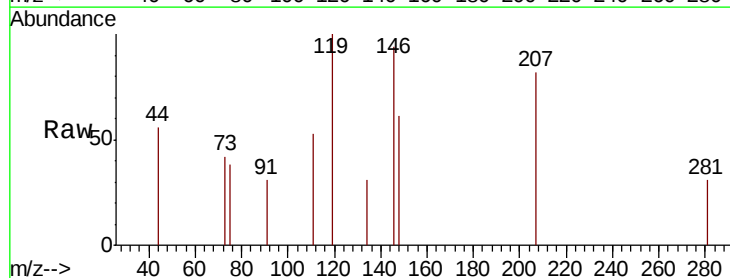
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

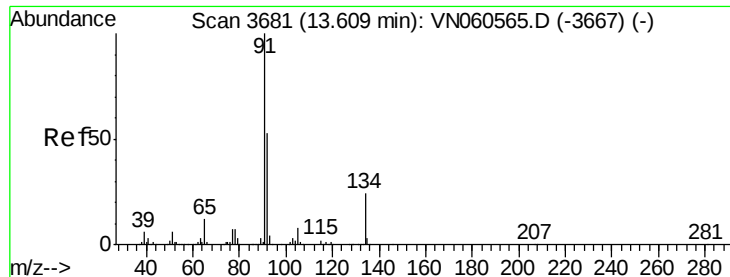
Tot Ion:146 Resp: 713
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 57.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.243 ug/l
 RT: 13.27 min Scan# 3577
 Delta R.T. -0.08 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Tgt Ion:146 Resp: 713
 Ion Ratio Lower Upper
 146 100
 111 40.4 19.6 58.7
 148 57.4 32.1 96.3

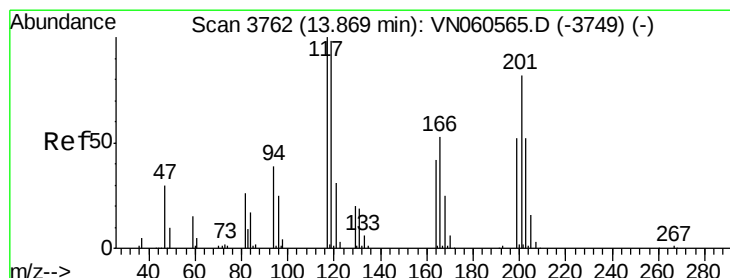
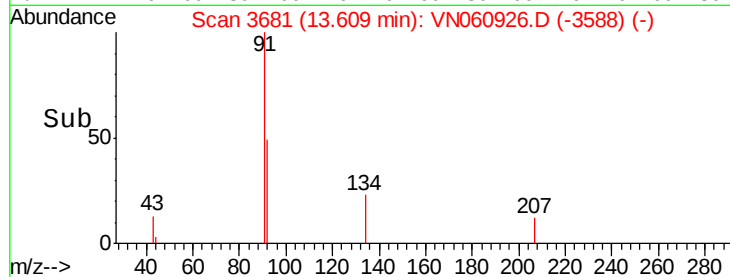
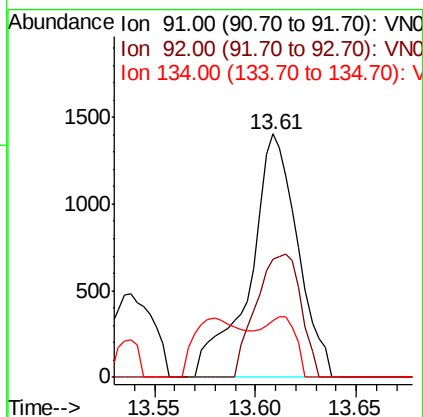
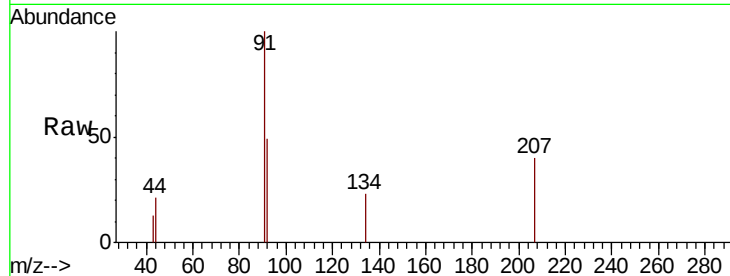




#89
n-Butylbenzene
Concen: 0.438 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

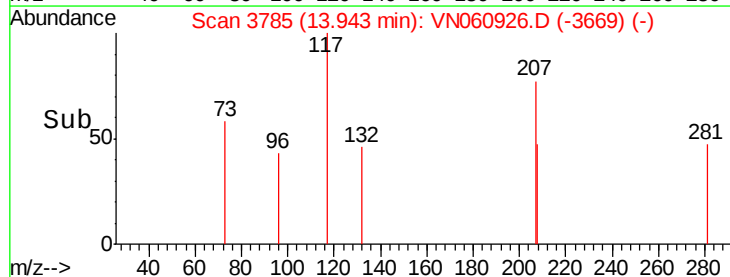
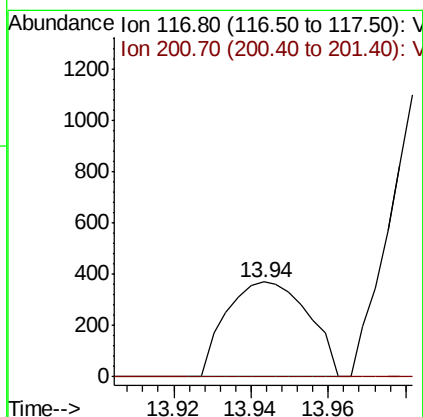
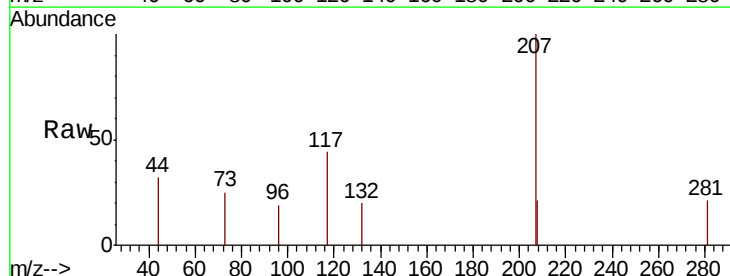
Instrument :
MSVOA_N
ClientSampleId :
JC-02-04082020-B

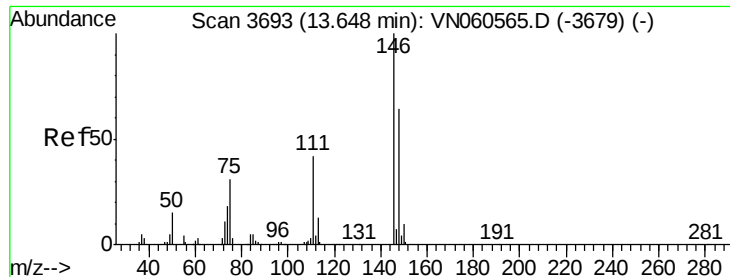
Tot Ion: 91 Resp: 2313
Ion Ratio Lower Upper
91 100
92 47.4 26.2 78.5
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 0.642 ug/l
RT: 13.94 min Scan# 3785
Delta R.T. 0.07 min
Lab File: VN060926.D
Acq: 14 Apr 2020 12:29

Tgt Ion: 117 Resp: 546
Ion Ratio Lower Upper
117 100
201 0.0 40.8 122.5#

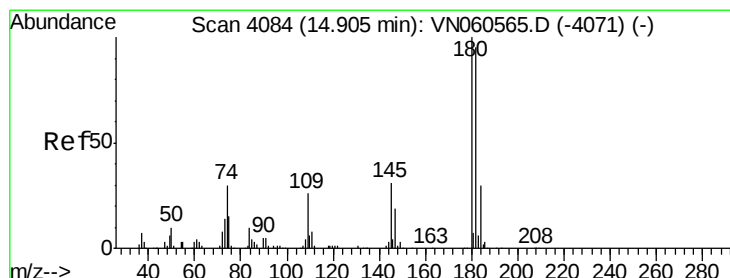
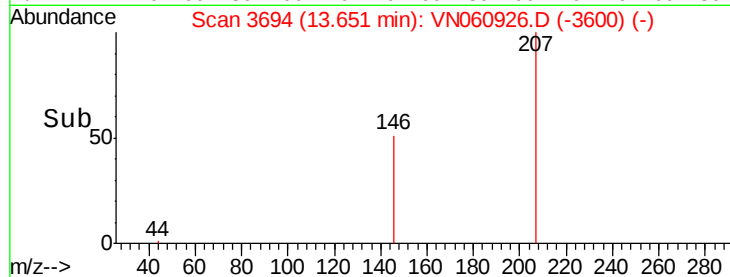
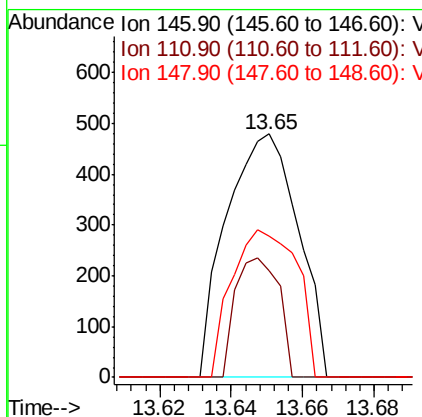
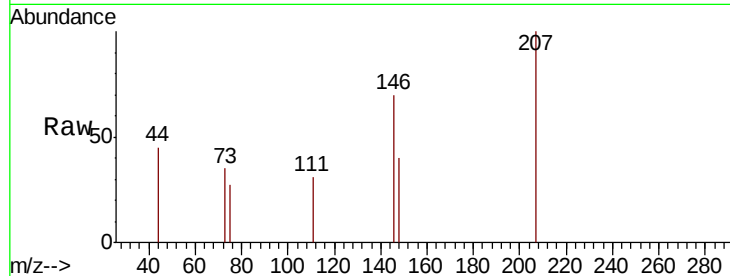




#91
 1,2-Dichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

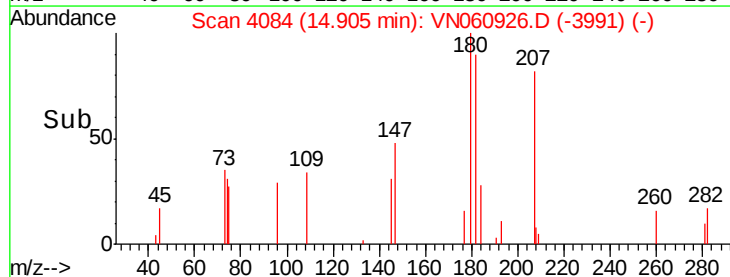
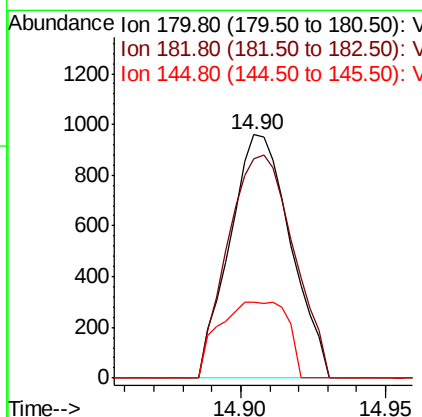
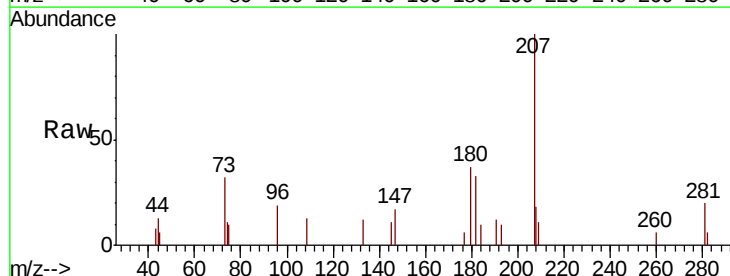
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

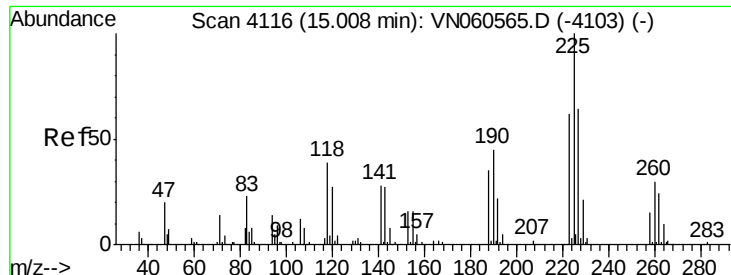
Tot Ion:146 Resp: 665
 Ion Ratio Lower Upper
 146 100
 111 29.8 21.0 63.0
 148 54.9 31.9 95.5



#93
 1,2,4-Trichlorobenzene
 Concen: 0.812 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Tgt Ion:180 Resp: 1395
 Ion Ratio Lower Upper
 180 100
 182 99.1 47.9 143.8
 145 35.2 15.4 46.2





#94

Hexachlorobutadiene

Concen: 0.476 ug/l

RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

JC-02-04082020-B

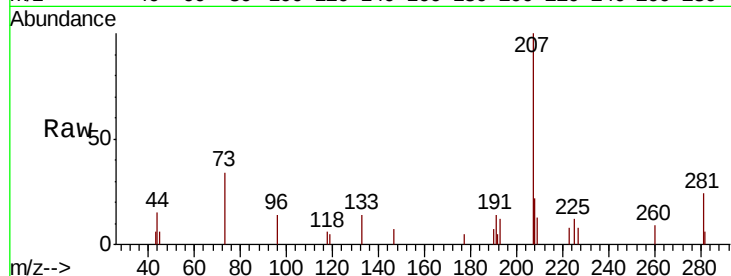
Tot Ion:225 Resp: 401

Ion Ratio Lower Upper

225 100

223 64.1 31.6 95.0

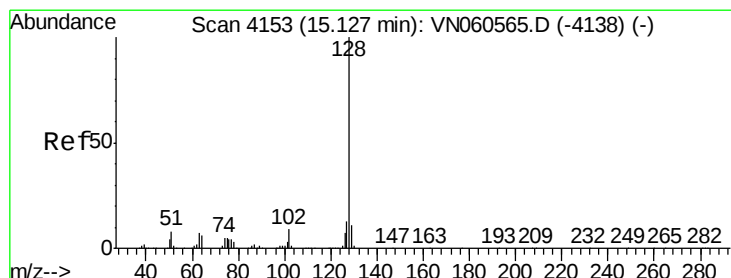
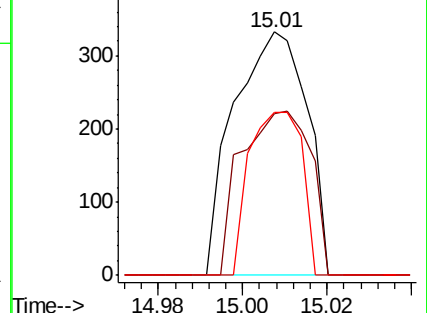
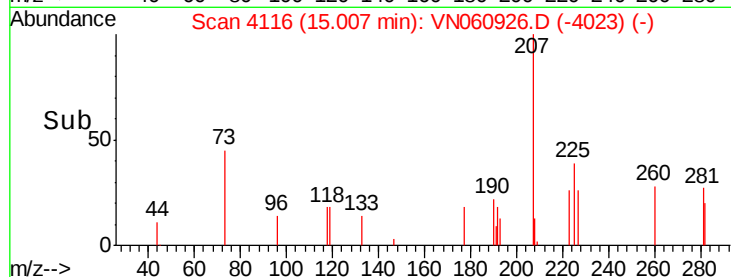
227 48.1 32.3 96.8



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: 1.497 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060926.D

Acq: 14 Apr 2020 12:29

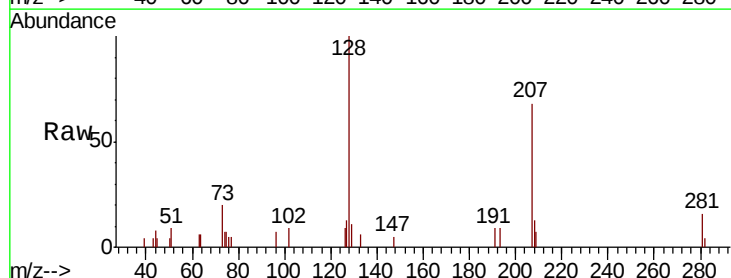
Tgt Ion:128 Resp: 7730

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.2

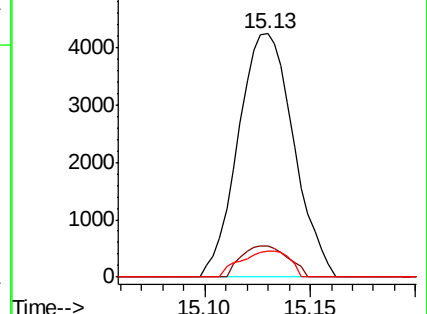
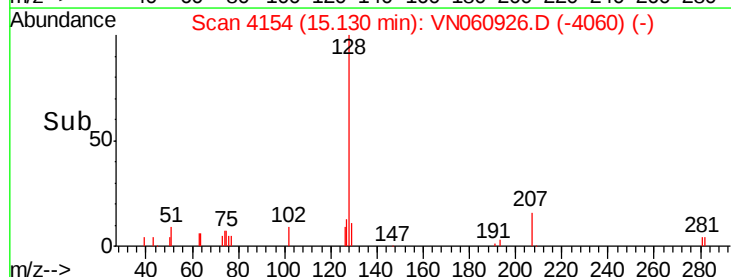
129 9.5 8.8 13.2

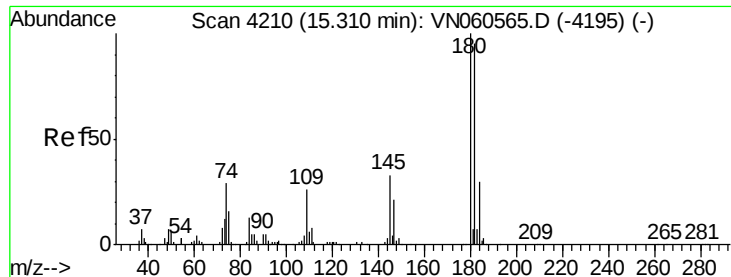


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.993 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN060926.D
 Acq: 14 Apr 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-04082020-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	86.5	47.5	142.6
145	39.8	16.3	48.8

